

Single Digit Representations of Numbers From 1 to 2500

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Abstract

In previous work [8], the author wrote natural numbers from 1 to 1000 in terms of each digits. This paper bring the numbers 1 to 2500 in terms of each digit. The work is divided in four parts giving total up to 10000 natural numbers written in term of each digit. For other parts refer [9, 10, 11]. The extension to 20000 shall be given later in another four parts.

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1 Crazy Representations of Natural Numbers

In this section, we shall write different ways of writing natural numbers. These representations are divided in four different types.

1.1 First Type: Increasing and Decreasing

In 2014, author [1] wrote natural numbers in increasing and decreasing orders of 1 to 9 and 9 to 1. See examples below:

$$100 := 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 \times 9 = 9 \times 8 + 7 + 6 + 5 + 4 + 3 + 2 + 1$$

$$101 := 1 + 2 + 34 + 5 + 6 \times 7 + 8 + 9 = 9 \times 8 + 7 + 6 + 5 + 4 + 3 \times 2 + 1$$

$$102 := 12 + 3 \times 4 \times 5 + 6 + 7 + 8 + 9 = 9 + 8 + 7 + 6 + 5 + 4^3 + 2 + 1$$

$$103 := 1 \times 2 \times 34 + 5 + 6 + 7 + 8 + 9 = 9 + 8 + 7 \times 6 + 5 \times 4 + 3 + 21$$

$$104 := 1 + 23 + 4 + 5 + 6 + 7 \times 8 + 9 = 9 + 8 + 7 + 65 + 4 \times 3 + 2 + 1$$

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$$\begin{aligned}
\mathbf{105} &:= 1 + 2 \times 3 \times 4 + 56 + 7 + 8 + 9 &= 9 + 8 \times 7 + 6 \times 5 + 4 + 3 + 2 + 1 \\
\mathbf{106} &:= 12 + 3 + 4 \times 5 + 6 + 7 \times 8 + 9 &= 9 + 8 \times 7 + 6 \times 5 + 4 + 3 \times 2 + 1 \\
\mathbf{107} &:= 1 \times 23 + 4 + 56 + 7 + 8 + 9 &= 9 + 8 + 76 + 5 + 4 + 3 + 2 \times 1 \\
\mathbf{108} &:= 1 + 2 + 3 + 4 + 5 + 6 + 78 + 9 &= 9 + 8 + 76 + 5 + 4 + 3 + 2 + 1.
\end{aligned}$$

See more examples,

$$\begin{aligned}
\mathbf{999} &:= 12 \times 3 \times (4 + 5) + (67 + 8) \times 9 &= 9 + 8 + 7 + 654 + 321. \\
\mathbf{2535} &:= 1 + 2345 + (6 + 7 + 8) \times 9 &= 9 + 87 \times (6 + 5 \times 4 + 3) + 2 + 1. \\
\mathbf{2607} &:= 123 \times 4 \times 5 + 6 + (7 + 8) \times 9 &= 987 + 6 \times 54 \times (3 + 2) \times 1. \\
\mathbf{10958} &:= 12 \times 3 + \sqrt{4} + 5! \times (67 + 8 \times \sqrt{9}) &= (9 + 8 \times 7 \times 65 + 4) \times 3 - 2 + 1. \\
\mathbf{11807} &:= 1 \times 234 \times (5 + 6 \times 7) + 89 &= -9 + 8 + 7 \times (6 + 5) \times (4 \times 3)^2 \times 1.
\end{aligned}$$

We observe that the number 10958 is the only number among 0 to 11111, where we need extra operations, such as **square-root**, **factorial**, etc. to write in increasing case. For more details refer author's web-site link [5]. Extension of numbers from 11112 to 30000 refer [2, 3, 4].

1.2 Second Type: Flexible Power Representations

Let us consider two numbers, 1 and 2. Using the idea of power and the operations of *addition* and *subtraction*, we can write following 3 numbers in terms of 1 and 2, as $1 = -1^2 + 2^1$, $3 = 1^2 + 2^1$ and $5 = 1^1 + 2^2$. In this situation, we observe that *bases* and *exponents* are of same digits. Permutations of exponent values helps in bringing different numbers. In case of repeated values, for example, $3 = 1^2 + 2^1 = -1^1 + 2^2$, only possibilities is considered. There is only one number having single digit, i.e., $1 = 1^1$. For simplicity, let us represent the above procedure as $(1, 2)^{(1, 2)}$, resulting in three possible values. The above procedure is with two digits. Instead having two digits, we can work with two letters, such as,

$$(a, b)^{(a, b)}, \dots (a, b, c, d, e, f, g, h, i)^{(a, b, c, d, e, f, g, h, i)},$$

where $a, b, c, d, e, f, g, h, i \in \{1, 2, 3, 4, 5, 6, 7, 8, 9\}$, all distinct.

1.2.1 Unequal String Lengths

$$\begin{array}{lll}
\mathbf{100} := 2^6 + 6^2 & \mathbf{107} := -1^2 + 2^7 - 3^3 + 7^1 & \mathbf{114} := -2^2 + 3^5 - 5^3 \\
\mathbf{101} := 1^1 + 2^6 + 6^2 & \mathbf{108} := 1^7 + 2^6 + 6^2 + 7^1 & \mathbf{115} := 1^5 - 2^1 - 3^2 + 5^3 \\
\mathbf{102} := -2^5 + 3^2 + 5^3 & \mathbf{109} := 1^2 + 2^7 - 3^3 + 7^1 & \mathbf{116} := 2^2 + 3^5 - 4^4 + 5^3 \\
\mathbf{103} := 1^1 - 2^5 + 3^2 + 5^3 & \mathbf{110} := 1^9 + 2^6 + 6^2 + 9^1 & \mathbf{117} := -1^1 + 3^5 - 5^3 \\
\mathbf{104} := -1^1 + 2^3 + 3^4 + 4^2 & \mathbf{111} := -1^3 + 2^7 - 3^2 - 7^1 & \mathbf{118} := 3^5 - 5^3 \\
\mathbf{105} := 2^3 + 3^4 + 4^2 & \mathbf{112} := 3^5 - 4^4 + 5^3 & \mathbf{119} := 1^1 + 3^5 - 5^3. \\
\mathbf{106} := 2^7 + 3^3 - 7^2 & \mathbf{113} := -1^5 - 2^1 - 3^2 + 5^3 &
\end{array}$$

See more examples,

$$638 := -1^5 - 2^1 - 4^2 + 5^4$$

$$666 := -2^5 + 3^2 + 4^3 + 5^4$$

$$786 := -1^4 + 3^6 + 4^3 - 6^1$$

$$1933 := -1^3 - 2^2 + 3^7 - 4^4 + 7^1$$

$$1934 := 2^9 + 3^6 - 6^2 + 9^3$$

$$3098 := -3^3 + 5^5$$

$$2280 := -1^1 - 2^6 + 4^5 + 5^2 + 6^4$$

$$6922 := -3^6 - 5^3 + 6^5$$

$$9711 := 1^3 + 2^4 + 3^8 + 4^2 + 5^5 - 8^1$$

$$9777 := 1^9 + 2^1 + 4^7 - 7^2 - 9^4$$

$$11110 := 1^1 + 2^2 + 3^9 - 5^6 + 6^5 - 9^3$$

$$11111 := -1^1 + 2^7 + 3^8 - 4^2 + 7^3 + 8^4.$$

The whole work is from 1 to 11111. For details refer [6].

1.2.2 Equal String Lengths

Based on second type still we can write natural numbers in a sequential way with uniform representations. Instead working with unequal strings as of previous section, here we worked with equal string using the digits 0 to 9, i.e., using all the 10 digits, {0,1,2,3,4,5,6,7,8,9}. The results obtained are symmetric, i.e., writing in 0 to 9 or 9 to 0, the resulting number is same. See some examples below,

$$201 := 0^3 + 1^9 + 2^4 + 3^7 - 4^8 + 5^1 + 6^6 + 7^5 + 8^2 + 9^0$$

$$202 := 0^0 + 1^9 + 2^6 + 3^8 - 4^7 + 5^5 + 6^3 + 7^2 + 8^1 + 9^4$$

$$203 := 0^3 - 1^9 + 2^4 + 3^7 - 4^8 + 5^0 + 6^6 + 7^5 + 8^2 + 9^1$$

$$204 := 0^8 + 1^9 + 2^5 + 3^7 - 4^6 + 5^1 + 6^4 + 7^2 + 8^0 + 9^3$$

$$205 := 0^3 + 1^9 + 2^4 + 3^7 - 4^8 + 5^0 + 6^6 + 7^5 + 8^2 + 9^1$$

$$206 := 0^7 - 1^9 - 2^5 - 3^8 + 4^6 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$$

$$207 := 0^8 + 1^9 + 2^5 + 3^7 - 4^6 + 5^0 + 6^4 + 7^2 + 8^1 + 9^3$$

$$208 := 0^7 + 1^9 - 2^5 - 3^8 + 4^6 + 5^1 + 6^3 + 7^4 + 8^0 + 9^2$$

$$209 := 0^7 - 1^9 - 2^5 - 3^8 + 4^6 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2$$

$$210 := 0^5 - 1^7 - 2^8 - 3^9 + 4^1 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2$$

$$211 := 0^7 + 1^9 - 2^5 - 3^8 + 4^6 + 5^0 + 6^3 + 7^4 + 8^1 + 9^2$$

$$212 := 0^5 + 1^7 - 2^8 - 3^9 + 4^1 + 5^6 + 6^0 + 7^3 + 8^4 + 9^2$$

$$213 := 0^5 + 1^8 - 2^7 - 3^9 + 4^1 + 5^6 + 6^3 + 7^0 + 8^4 + 9^2$$

$$214 := 0^5 + 1^7 - 2^8 - 3^9 + 4^0 + 5^6 + 6^1 + 7^3 + 8^4 + 9^2$$

$$215 := 0^5 + 1^9 + 2^8 + 3^7 - 4^6 + 5^0 + 6^4 + 7^2 + 8^3 + 9^1$$

$$216 := 0^1 - 1^7 + 2^8 - 3^9 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$$

$$217 := 0^7 - 1^9 + 2^5 - 3^8 + 4^6 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$$

$$218 := 0^1 + 1^7 + 2^8 - 3^9 + 4^5 + 5^6 + 6^0 + 7^4 + 8^3 + 9^2$$

$$219 := 0^7 + 1^9 + 2^5 - 3^8 + 4^6 + 5^2 + 6^3 + 7^4 + 8^1 + 9^0$$

$$220 := 0^7 + 1^9 + 2^5 - 3^8 + 4^6 + 5^2 + 6^3 + 7^4 + 8^0 + 9^1.$$

Below are more examples,

$$11080 := 0^8 + 1^9 + 2^7 + 3^6 + 4^2 + 5^5 + 6^0 + 7^1 + 8^3 + 9^4$$

$$11081 := 0^8 - 1^9 + 2^6 + 3^7 + 4^4 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3$$

$$11082 := 0^8 + 1^9 + 2^6 + 3^7 + 4^1 + 5^4 + 6^5 + 7^3 + 8^0 + 9^2$$

$$11083 := 0^8 + 1^9 + 2^6 + 3^7 + 4^4 + 5^1 + 6^5 + 7^0 + 8^2 + 9^3$$

$$11084 := 0^7 + 1^9 + 2^8 + 3^6 + 4^1 + 5^5 + 6^0 + 7^3 + 8^2 + 9^4$$

$$11085 := 0^8 + 1^9 + 2^6 + 3^7 + 4^4 + 5^0 + 6^5 + 7^1 + 8^2 + 9^3$$

$$11086 := 0^7 + 1^9 + 2^8 + 3^6 + 4^0 + 5^5 + 6^1 + 7^3 + 8^2 + 9^4$$

$$11087 := 0^6 + 1^9 - 2^8 + 3^7 + 4^2 + 5^4 + 6^5 + 7^0 + 8^1 + 9^3.$$

The whole work is from 1 to 11111. For details refer [7].

Analysing the procedures given in sections 1.1 and 1.2, we observe that in section 1.1, all the 9 digits are used in increasing and decreasing ways to bring natural numbers, where each digit appears only once. In this case, the operations

used are, **addition, subtraction, multiplication, division, potentiation, factorial** and **square-root**. The section 1.2 works with representations of natural numbers written in a way that we use each digit twice, where **bases** and **exponents** are of same digits with different permutations. Subsection 1.2.1 choose the digits from 1 to 9, according to necessity, while subsection 1.2.2 works with all the 10 digits, i.e., 0 to 9, along with the operations of **addition** and **subtraction**.

1.3 Third Way: Single Digit Representations

In [1], author wrote natural numbers 1 to 1000 using single digit in each case. For example,

$$717 := (1+1)^{11} - 11^{(1+1+1)}$$

$$:= 22^2 + 222 + 22/2$$

$$:= 3^{(3+3)} - 3 - 3 \times 3$$

$$:= 4 \times (4 \times 44 + 4) - 4 + 4/4$$

$$:= (55 \times (55 + 5 + 5) + 5 + 5)/5$$

$$:= (6 \times 6/(6+6))^6 - 6 - 6$$

$$:= 777 - 7 \times 7 - 77/7$$

$$:= 8 \times 88 + (88 + 8 + 8)/8$$

$$:= 9 \times 9 \times 9 - (99 + 9)/9.$$

$$995 := (11-1)^{(1+1+1)} - (11-1)/(1+1)$$

$$:= 22 + 2 \times (22^2 + 2) + 2/2$$

$$:= 3 \times 333 - 3 - 3/3$$

$$:= 4 \times (4^4 - 4 - 4) + 4 - 4/4$$

$$:= 5 \times (5+5) \times (5 \times 5 - 5) - 5$$

$$:= 666 + 6 \times 66 - 66 - 6/6$$

$$:= (7+7) \times (77-7) + 7 + 7 + 7/7$$

$$:= 888 + 88 + 8 + 88/8$$

$$:= 999 - (9+9+9+9)/9.$$

$$786 := ((1+1+1)^{(1+1+1)} + 1)^{(1+1)} + 1 + 1$$

$$:= (22 + 2 + 2 + 2)^2 + 2$$

$$:= 33 \times (3^3 - 3) - 3 - 3$$

$$:= 4 \times (4 \times (44 + 4) + 4) + (4 + 4)/4$$

$$:= 5 + (5^5 - 5/5)/(5 - 5/5)$$

$$:= 66 \times (6+6) - 6$$

$$:= 777 + 7 + (7+7)/7$$

$$:= 8 \times (88 + 8) + 8 + (88 - 8)/8$$

$$:= 9 \times 99 - 99 - 9 + (9+9+9)/9$$

$$1000 := (11-1)^{(1+1+1)}$$

$$:= 2 \times (22^2 + 2^{(2+2)})$$

$$:= (3 \times 3 + 3/3)^3$$

$$:= 4 \times (4^4 - 4) - 4 - 4$$

$$:= 5 \times (5+5) \times (5 \times 5 - 5)$$

$$:= ((66 - 6)/6)^{(6 \times 6/(6+6))}$$

$$:= (7+7+7-7/7) \times (7 \times 7 + 7/7)$$

$$:= 888 + 88 + 8 + 8 + 8$$

$$:= 999 + 9/9.$$

Values are calculated up to 1.000.000 (.txt file), but the work is written only from 0 to 1000. For details, refer Taneja [8].

1.4 Forth Way: Single Letter Representations

We observe that the numbers written in previous section 1.3 are in terms of each digit, not necessarily symmetric. But there are numbers, that can be written in a symmetric way, see examples below:

$$5 = \frac{11-1}{1+1} = \frac{22-2}{2+2} = \frac{33-3}{3+3} = \frac{44-4}{4+4} = \frac{55-5}{5+5} = \frac{66-6}{6+6} = \frac{77-7}{7+7} = \frac{88-8}{8+8} = \frac{99-9}{9+9}.$$

$$6 = \frac{11+1}{1+1} = \frac{22+2}{2+2} = \frac{33+3}{3+3} = \frac{44+4}{4+4} = \frac{55+5}{5+5} = \frac{66+6}{6+6} = \frac{77+7}{7+7} = \frac{88+8}{8+8} = \frac{99+9}{9+9}.$$

$$55 = \frac{111-1}{1+1} = \frac{222-2}{2+2} = \frac{333-3}{3+3} = \frac{444-4}{4+4} = \frac{555-5}{5+5} = \frac{666-6}{6+6} = \frac{777-7}{7+7} = \frac{888-8}{8+8} = \frac{999-9}{9+9}.$$

$$56 = \frac{111+1}{1+1} = \frac{222+2}{2+2} = \frac{333+3}{3+3} = \frac{444+4}{4+4} = \frac{555+5}{5+5} = \frac{666+6}{6+6} = \frac{777+7}{7+7} = \frac{888+8}{8+8} = \frac{999+9}{9+9}.$$

Motivated by this idea, instead working for each digit separately, we can work with a **single letter "a"**, for example,

$$\begin{aligned} 5 &:= \frac{aa - a}{a + a} & 1991 &:= \frac{\frac{aaaaaa}{aaa} \times (a + a) - aa}{\frac{aaaaa - a^a}{aa} \times (a + a)} \\ 6 &:= \frac{aa + a}{a + a} & 2020 &:= \frac{\frac{aaaa - a^a}{a + a} \times aa}{\frac{aaaa - a^a}{aaa} \times aa \times aa} \\ 55 &:= \frac{aaa - a}{a + a} & 2035 &:= \frac{a + a + a}{a + a} \\ 56 &:= \frac{aaa + a}{a + a} & 4477 &:= \frac{\frac{aaaa - a^a}{a + a + a} \times aa \times aa}{a \times a} \\ 561 &:= \frac{aaaa + aa}{a + a} & 4999 &:= \frac{(aaaaa - aaaa - a - a)}{(a + a)} \\ 666 &:= \frac{aaa \times (aa + a)}{(a + a) \times a} & 5000 &:= \frac{(aaaaa - aaaa)}{(a + a)} \\ 786 &:= \frac{(\frac{(aa + a) \times aa}{a} - a) \times (aa + a)}{(a + a) \times a} & 122988 &:= \frac{(aaaa - a - a - a) \times aaa}{a \times a} \\ 925 &:= \frac{aaaaa - aa}{aa + a} \\ 1089 &:= \frac{aaaa - aa - aa}{a} \end{aligned}$$

where $a \in \{1, 2, 3, 4, 5, 6, 7, 8, 9\}$, and $aa = 10 \times a + a$, $aaa = 10^2 \times a + 10 \times a + a$, etc.

The full work is from 1 to 11111 numbers, written in two different ways. One running type [15] and another in fraction-type way [16]. For previous work refer [12, 13]. The summary of author's work on recreation of numbers in different situations refer [17].

2 Single Digit Representations From 1 to 10000

The whole work brings numbers 1 to 10000 written in terms of single digits. Since, it is not possible to put all the numbers in single work, we divided it in four parts as given below:

- Part I: From 0001 to 2500;
- Part II: From 2501 to 5000 [9];
- Part III: From 5001 to 7500 [10];
- Part IV: From 7501 to 10000 [11].

This paper brings first part giving **single digit representations** of natural numbers from 1 to 2500. For other parts refer [9, 10, 11]. The extension to 20000 shall be given later in another four parts.

Remark 2.1. *Due to high quantity of numbers there are so many extra brackets. These extra brackets start from number 321 onwards. After simplifications, these unnecessary brackets can be removed easily.*

2.1 Single Digit Representation: 1-2500

This subsection bring the first part of the whole project. Here, the numbers are represented from 1 to 2500 in terms of different digits. The work done previously up to 1000 [6] is also repeated here.

- | | | |
|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ▶ 1 := 1
:= 2/2
:= 3/3
:= 4/4
:= 5/5
:= 6/6
:= 7/7
:= 8/8
:= 9/9 | ▶ 6 := (1+1) × (1+1+1)
:= 2+2+2
:= 3+3
:= 4+(4+4)/4
:= 5+5/5
:= 6
:= 7-7/7
:= 8-(8+8)/8
:= 9-(9+9+9)/9 | ▶ 11 := 11
:= 22/2
:= 33/3
:= 44/4
:= 55/5
:= 66/6
:= 77/7
:= 88/8
:= 99/9 |
| ▶ 2 := 1+1
:= 2
:= 3-3/3
:= (4+4)/4
:= (5+5)/5
:= (6+6)/6
:= (7+7)/7
:= (8+8)/8
:= (9+9)/9 | ▶ 7 := 1+(1+1) × (1+1+1)
:= 2+2+2+2/2
:= 3+3+3/3
:= 4+4-4/4
:= 5+(5+5)/5
:= 6+6/6
:= 7
:= 8-8/8
:= 9-(9+9)/9 | ▶ 12 := 1+11
:= 2 × (2+2+2)
:= 3+3 × 3
:= 4+4+4
:= (55+5)/5
:= 6+6
:= (77+7)/7
:= (88+8)/8
:= (99+9)/9 |
| ▶ 3 := 1+1+1
:= 2+2/2
:= 3
:= 4-4/4
:= 5-(5+5)/5
:= 6 × 6/(6+6)
:= (7+7+7)/7
:= 88/8-8
:= (9+9+9)/9 | ▶ 8 := (1+1) ¹⁺¹⁺¹
:= 2 × (2+2)
:= 3 × 3-3/3
:= 4+4
:= 5+5-(5+5)/5
:= 6+(6+6)/6
:= 7+7/7
:= 8
:= 9-9/9 | ▶ 13 := 1+1+11
:= 2+22/2
:= 3+3 × 3+3/3
:= 4+4/4+4+4
:= (55+5+5)/5
:= 6+6/6+6
:= 7+7-7/7
:= (88+8+8)/8
:= (99+9+9)/9 |
| ▶ 4 := 1+1+1+1
:= 2+2
:= 3+3/3
:= 4
:= 5-5/5
:= 6-(6+6)/6
:= 77/7-7
:= 8 × 8/(8+8)
:= (9 × 9-9)/(9+9) | ▶ 9 := 11-1-1
:= (2/2+2) ²
:= 3 × 3
:= 4+4+4/4
:= 5+5-5/5
:= 6+6 × 6/(6+6)
:= 7+(7+7)/7
:= 8+8/8
:= 9 | ▶ 14 := 1+1+1+11
:= 2 ²⁺² -2
:= 3+33/3
:= 4+(44-4)/4
:= 5+5-5/5+5
:= 6+6+(6+6)/6
:= 7+7
:= 8+8-(8+8)/8
:= 9+(9 × 9+9)/(9+9) |
| ▶ 5 := 1+1+1+1+1
:= 2+2/2+2
:= 3+3-3/3
:= 4+4/4
:= 5
:= 6-6/6
:= 7-(7+7)/7
:= 8+8-88/8
:= (9 × 9+9)/(9+9) | ▶ 10 := 11-1
:= 2+2 × (2+2)
:= 3 × 3+3/3
:= (44-4)/4
:= 5+5
:= (66-6)/6
:= (77-7)/7
:= 8+(8+8)/8
:= 9+9/9 | ▶ 15 := 1+1+1+1+11
:= 2+2+22/2
:= 3+3+3 × 3
:= 4+44/4
:= 5+5+5
:= 6+6+6 × 6/(6+6)
:= 7+7+7/7
:= 8+8-8/8
:= 9+9-(9+9+9)/9 |

$$\begin{aligned}
 \blacktriangleright 16 &:= (1+1)^{1+1+1+1} \\
 &:= 2^{2+2} \\
 &:= 3^3 - 33/3 \\
 &:= 4 \times 4 \\
 &:= 5 + 55/5 \\
 &:= 6 + (66-6)/6 \\
 &:= 7 + 7 + (7+7)/7 \\
 &:= 8 + 8 \\
 &:= 9 + 9 - (9+9)/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 17 &:= 1 + (1+1)^{1+1+1+1} \\
 &:= 2/2 + 2^{2+2} \\
 &:= 3 + 33/3 + 3 \\
 &:= 4 \times 4 + 4/4 \\
 &:= 5 + (55+5)/5 \\
 &:= 6 + 66/6 \\
 &:= 7 + (77-7)/7 \\
 &:= 8 + 8 + 8/8 \\
 &:= 9 + 9 - 9/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 18 &:= (1+1) \times (11-1-1) \\
 &:= 2 + 2^{2+2} \\
 &:= 3 \times (3+3) \\
 &:= 4 \times 4 + (4+4)/4 \\
 &:= 5 + (55+5+5)/5 \\
 &:= 6 + 6 + 6 \\
 &:= 7 + 77/7 \\
 &:= 8 + 8 + (8+8)/8 \\
 &:= 9 + 9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 19 &:= (1+1) \times (11-1) - 1 \\
 &:= 22 - 2/2 - 2 \\
 &:= 3/3 + 3 \times (3+3) \\
 &:= 4 + 4 + 44/4 \\
 &:= 5 \times 5 - 5 - 5/5 \\
 &:= 6 + 6/6 + 6 + 6 \\
 &:= 7 + (7+77)/7 \\
 &:= 8 + 88/8 \\
 &:= 9 + 9/9 + 9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 20 &:= (1+1) \times (11-1) \\
 &:= 22 - 2 \\
 &:= 3 \times 3 + 33/3 \\
 &:= 4 + 4 \times 4 \\
 &:= 5 \times 5 - 5 \\
 &:= 6 + ((6+6)/6 + 6 + 6) \\
 &:= 7 + 7 + 7 - 7/7 \\
 &:= 8 + (88+8)/8 \\
 &:= 9 + 99/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 21 &:= 11 + 11 - 1 \\
 &:= 22 - 2/2 \\
 &:= 3 + 3 \times (3+3) \\
 &:= 4 + 4 \times 4 + 4/4 \\
 &:= 5 + 55/5 + 5 \\
 &:= 6 \times (6 \times 6 + 6)/(6+6) \\
 &:= 7 + 7 + 7 \\
 &:= 8 + (88+8+8)/8 \\
 &:= 9 + (99+9)/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 22 &:= 11 + 11 \\
 &:= 22 \\
 &:= 33 - 33/3 \\
 &:= 44 \times 4/(4+4) \\
 &:= (55+55)/5 \\
 &:= (66+66)/6 \\
 &:= 7 + 7 + 7 + 7/7 \\
 &:= (88+88)/8 \\
 &:= (99+99)/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 23 &:= 1 + 11 + 11 \\
 &:= 22 + 2/2 \\
 &:= 3^3 - 3 - 3/3 \\
 &:= 4 + 4 + 4 + 44/4 \\
 &:= 5 \times 5 - (5+5)/5 \\
 &:= 6 + 6 + 66/6 \\
 &:= 7 + 7 + 7 + (7+7)/7 \\
 &:= 8 + 8 + 8 - 8/8 \\
 &:= (99+99+9)/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 24 &:= (1+1) \times (1+11) \\
 &:= 2 + 22 \\
 &:= 3^3 - 3 \\
 &:= 4 + (4 \times 4 + 4) \\
 &:= 5 \times 5 - 5/5 \\
 &:= 6 + (6+6+6) \\
 &:= 7 + ((77-7)/7 + 7) \\
 &:= 8 + (8+8) \\
 &:= 9 + ((9 - ((9+9+9)/9)) + 9)
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 25 &:= 1 + (1+1) \times (1+11) \\
 &:= 2 + 22 + 2/2 \\
 &:= 3^3 - 3 + 3/3 \\
 &:= 4 + 4 + 4 \times 4 + 4/4 \\
 &:= 5 \times 5 \\
 &:= 6 \times 6 - 66/6 \\
 &:= 7 + 7 + 77/7 \\
 &:= 8 + 8 + 8 + 8/8 \\
 &:= 9 + 9 + 9 - (9+9)/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 26 &:= (1+1) \times (1+1+11) \\
 &:= 2 + 22 + 2 \\
 &:= 3^3 - 3/3 \\
 &:= 4 + 44 \times 4/(4+4) \\
 &:= 5 \times 5 + 5/5 \\
 &:= 6 \times 6 + (6-66)/6 \\
 &:= 7 + 7 + (77+7)/7 \\
 &:= 8 + 8 + 8 + (8+8)/8 \\
 &:= 9 + 9 + 9 - 9/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 27 &:= (1+1+1)^{1+1+1} \\
 &:= 2 + 22 + 2/2 + 2 \\
 &:= 3^3 \\
 &:= 4 \times 4 + 44/4 \\
 &:= 5 \times 5 + (5+5)/5 \\
 &:= 66 \times 6/(6+6) - 6 \\
 &:= 7 + 7 + 7 + 7 - 7/7 \\
 &:= 8 + 8 + 88/8 \\
 &:= 9 + 9 + 9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 28 &:= 1 + (1+1+1)^{1+1+1} \\
 &:= 2 + 22 + 2 + 2 \\
 &:= 3^3 + 3/3 \\
 &:= 44 - 4 \times 4 \\
 &:= 5 + 5 \times 5 - (5+5)/5 \\
 &:= 6 + (66+66)/6 \\
 &:= 7 + 7 + 7 + 7 \\
 &:= 8 + 8 + (88+8)/8 \\
 &:= 9 + 9 + 9 + 9/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 29 &:= (11-1) \times (1+1+1) - 1 \\
 &:= 2 + 2 + 2 + 22 + 2/2 \\
 &:= 3 + 3^3 - 3/3 \\
 &:= 44 + 4/4 - 4 \times 4 \\
 &:= 5 + 5 \times 5 - 5/5 \\
 &:= 6 \times 6 - 6 - 6/6 \\
 &:= 7 + 7 + 7 + 7 + 7/7 \\
 &:= 8 + 8 + (88+8+8)/8 \\
 &:= 9 + 9 + 99/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 30 &:= (11-1) \times (1+1+1) \\
 &:= 22 + 2 \times (2+2) \\
 &:= 3 + 3^3 \\
 &:= 4 \times (4+4) - (4+4)/4 \\
 &:= 5 + 5 \times 5 \\
 &:= 6 \times 6 - 6 \\
 &:= 7 + 7 + 7 + 7 + (7+7)/7 \\
 &:= 8 + (88+88)/8 \\
 &:= 9 + 9 + (99+9)/9
 \end{aligned}$$

$$\begin{aligned}
\blacktriangleright 31 &:= 1 + (11 - 1) \times (1 + 1 + 1) \\
&:= 22 + (2/2 + 2)^2 \\
&:= 3 + 3^3 + 3/3 \\
&:= 4 \times (4 + 4) - 4/4 \\
&:= 5 + 5 \times 5 + 5/5 \\
&:= 6 \times 6 + 6/6 - 6 \\
&:= 7 \times 7 - 7 - 77/7 \\
&:= 8 + 8 + 8 + 8 - 8/8 \\
&:= 9 + (99 + 99)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 32 &:= 11 \times (1 + 1 + 1) - 1 \\
&:= 2 \times 2^{2+2} \\
&:= 33 - 3/3 \\
&:= 4 \times (4 + 4) \\
&:= ((5 + 5)/5)^5 \\
&:= 6 \times 6 + (6 + 6)/6 - 6 \\
&:= 7 + 77/7 + 7 + 7 \\
&:= 8 + 8 + 8 + 8 \\
&:= 9 + (99 + 99 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 33 &:= 11 \times (1 + 1 + 1) \\
&:= 22 + 22/2 \\
&:= 33 \\
&:= 4/4 + 4 \times (4 + 4) \\
&:= 5/5 + ((5 + 5)/5)^5 \\
&:= 66 \times 6/(6 + 6) \\
&:= 7 + 7 + 7 + (77 + 7)/7 \\
&:= 8 + 8 + 8 + 8 + 8/8 \\
&:= 99 \times 9/(9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 34 &:= 1 + 11 \times (1 + 1 + 1) \\
&:= 2 + 2 \times 2^{2+2} \\
&:= 3/3 + 33 \\
&:= 44 + (4 - 44)/4 \\
&:= 5 + 5 + 5 \times 5 - 5/5 \\
&:= 6 \times 6 - (6 + 6)/6 \\
&:= 7 \times 7 - 7 - 7 - 7/7 \\
&:= 8 + 8 + 8 + 8 + (8 + 8)/8 \\
&:= 9 + 9 + 9 + 9 - (9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 35 &:= 1 + 1 + 11 \times (1 + 1 + 1) \\
&:= 2 + 22/2 + 22 \\
&:= 3 + 33 - 3/3 \\
&:= 4 + 4 \times (4 + 4) - 4/4 \\
&:= 5 + 5 + 5 \times 5 \\
&:= 6 \times 6 - 6/6 \\
&:= 7 \times 7 - 7 - 7 \\
&:= 8 + 8 + 8 + 88/8 \\
&:= 9 + 9 + 9 + 9 - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 36 &:= (1 + 1 + 1) \times (1 + 11) \\
&:= (2 + 2 + 2)^2 \\
&:= 3 + 33 \\
&:= 4 + 4 \times (4 + 4) \\
&:= 5 \times 5 + 55/5 \\
&:= 6 \times 6 \\
&:= 7/7 + (7 \times 7 - (7 + 7)) \\
&:= (8 \times 8 + 8) \times 8/(8 + 8) \\
&:= 9 + 9 + 9 + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 37 &:= 111/(1 + 1 + 1) \\
&:= 2/2 + (2 + 2 + 2)^2 \\
&:= 3 + 33 + 3/3 \\
&:= 4 + 4 \times (4 + 4) + 4/4 \\
&:= 5 + ((5 + 5)/5)^5 \\
&:= 6 \times 6 + 6/6 \\
&:= 7 \times 7 - (77 + 7)/7 \\
&:= 888/(8 + 8 + 8) \\
&:= 9 + 9 + 9 + 9 + 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 38 &:= 1 + 111/(1 + 1 + 1) \\
&:= 2 + (2 + 2 + 2)^2 \\
&:= 3^3 + 33/3 \\
&:= 44 - 4 - (4 + 4)/4 \\
&:= 5 + 5/5 + ((5 + 5)/5)^5 \\
&:= 6 \times 6 + (6 + 6)/6 \\
&:= 7 \times 7 - 77/7 \\
&:= 8 + 8 + (88 + 88)/8 \\
&:= 9 + 9 + 9 + 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 39 &:= (1 + 1 + 1) \times (1 + 1 + 11) \\
&:= 2 \times (22 - 2) - 2/2 \\
&:= 3 + 3 + 33 \\
&:= 44 - 4 - 4/4 \\
&:= 55 - 5 - 55/5 \\
&:= 6 + 66 \times 6/(6 + 6) \\
&:= 7 \times 7 + (7 - 77)/7 \\
&:= 8 + 8 + 8 + 8 + 8 - 8/8 \\
&:= 9 + 9 + 9 + (99 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 40 &:= (1 + 1) \times (1 + 1) \times (11 - 1) \\
&:= 2 \times (22 - 2) \\
&:= 3 + 3 + 33 + 3/3 \\
&:= 44 - 4 \\
&:= 5 + 5 + 5 + 5 \times 5 \\
&:= 6 + 6 \times 6 - (6 + 6)/6 \\
&:= 7 \times 7 - 7 - (7 + 7)/7 \\
&:= 8 + 8 + 8 + 8 + 8 \\
&:= (9 \times 9 \times 9 - 9)/(9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 41 &:= 1 + (1 + 1) \times (1 + 1) \times (11 - 1) \\
&:= 2/2 + 2 \times (22 - 2) \\
&:= 3 + 33/3 + 3^3 \\
&:= 44 - 4 + 4/4 \\
&:= 5 + 5 \times 5 + 55/5 \\
&:= 6 + 6 \times 6 - 6/6 \\
&:= 7 \times 7 - 7 - 7/7 \\
&:= 8 + 8 + 8 + 8 + 8 + 8/8 \\
&:= (9 \times 9 \times 9 + 9)/(9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 42 &:= (1 + 1) \times (11 + 11 - 1) \\
&:= 2 \times 22 - 2 \\
&:= 3 \times 3 + 33 \\
&:= 44 - (4 + 4)/4 \\
&:= 5 + ((5 + 5)/5)^5 + 5 \\
&:= 6 + 6 \times 6 \\
&:= 7 \times 7 - 7 \\
&:= 8 \times 8 - (88 + 88)/8 \\
&:= 9 + 99 \times 9/(9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 43 &:= (1 + 1) \times (11 + 11) - 1 \\
&:= 2 \times 22 - 2/2 \\
&:= 3 \times 3 + 3/3 + 33 \\
&:= 44 - 4/4 \\
&:= 55 - (55 + 5)/5 \\
&:= 6 + 6 \times 6 + 6/6 \\
&:= 7 \times 7 + 7/7 - 7 \\
&:= 8 + 8 + 8 + 8 + 88/8 \\
&:= 9 + 9 + 9 + 9 + 9 - (9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 44 &:= (1 + 1) \times (11 + 11) \\
&:= 2 \times 22 \\
&:= 33 + 33/3 \\
&:= 44 \\
&:= 55 - 55/5 \\
&:= 6 + 6 \times 6 + (6 + 6)/6 \\
&:= 7 \times 7 - 7 + (7 + 7)/7 \\
&:= 88 \times 8/(8 + 8) \\
&:= 9 + 9 + 9 + 9 + 9 - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 45 &:= 1 + (1 + 1) \times (11 + 11) \\
&:= 2 \times 22 + 2/2 \\
&:= 3 + 3 \times 3 + 33 \\
&:= 44 + 4/4 \\
&:= 55 - 5 - 5 \\
&:= 666/6 - 66 \\
&:= 7 + 7 \times 7 - 77/7 \\
&:= 8 \times 8 - 8 - 88/8 \\
&:= 9 + 9 + 9 + 9 + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 46 &:= (1+1) \times (1+11+11) \\
&:= 2+2 \times 22 \\
&:= 3+3 \times 3+33+3/3 \\
&:= 44+(4+4)/4 \\
&:= 55+5/5-5-5 \\
&:= 6 \times 6+(66-6)/6 \\
&:= 7 \times 7-(7+7+7)/7 \\
&:= 8 \times 8-8-(88-8)/8 \\
&:= 9+9+9+9+9+9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 47 &:= 1+(1+1) \times (1+11+11) \\
&:= 2+2 \times 22+2/2 \\
&:= 3+33/3+33 \\
&:= 4+44-4/4 \\
&:= 5+5+5+((5+5)/5)^5 \\
&:= 6 \times 6+66/6 \\
&:= 7 \times 7-(7+7)/7 \\
&:= 8 \times 8-8-8-8/8 \\
&:= 9+9+9+9+99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 48 &:= (1+1) \times (1+1) \times (1+11) \\
&:= 2 \times (22+2) \\
&:= 3 \times 3^3-33 \\
&:= 4+44 \\
&:= 55+5-(5+5)/5 \\
&:= 6+6+6 \times 6 \\
&:= 7 \times 7-7/7 \\
&:= 8 \times 8-8-8 \\
&:= 9+9+9+9+(99+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 49 &:= 1+(1+1) \times (1+1) \times (1+11) \\
&:= 2/2+2 \times (22+2) \\
&:= 3^3+33-33/3 \\
&:= 4+44+4/4 \\
&:= 55-5-5/5 \\
&:= 6+6+6 \times 6+6/6 \\
&:= 7 \times 7 \\
&:= 8 \times 8-8-8+8/8 \\
&:= (9 \times 99-9)/(9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 50 &:= (11-1)^{1+1}/(1+1) \\
&:= 2+2 \times (22+2) \\
&:= 3+3+33+33/3 \\
&:= 4+44+(4+4)/4 \\
&:= 5 \times (5+5) \\
&:= 6+6+6 \times 6+(6+6)/6 \\
&:= 7 \times 7+7/7 \\
&:= 8 \times 8-8-8+(8+8)/8 \\
&:= (9 \times 99+9)/(9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 51 &:= 1+(11-1)^{1+1}/(1+1) \\
&:= 2+2 \times (22+2)+2/2 \\
&:= 3^3+3^3-3 \\
&:= 4+4+44-4/4 \\
&:= 55+5/5-5 \\
&:= 6-66+666/6 \\
&:= 7 \times 7+(7+7)/7 \\
&:= 8 \times 8-(88+8+8)/8 \\
&:= 9 \times (9+9)-999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 52 &:= (1+1) \times (1+1) \times (1+1+11) \\
&:= 2 \times (22+2+2) \\
&:= 3^3+3/3-3+3^3 \\
&:= 4+4+44 \\
&:= 55-5+(5+5)/5 \\
&:= ((6+6)/6)^6-6-6 \\
&:= 7 \times 7+(7+7+7)/7 \\
&:= 8+88 \times 8/(8+8) \\
&:= 9 \times 9-9-9-99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 53 &:= (111-1)/(1+1)-1-1 \\
&:= 2/2+2 \times (22+2+2) \\
&:= 3^3+3^3-3/3 \\
&:= (4^4-44)/4 \\
&:= 55-(5+5)/5 \\
&:= 6+6 \times 6+66/6 \\
&:= 7 \times 7-7+77/7 \\
&:= 8 \times 8-88/8 \\
&:= 9 \times 9-9-9-9-9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 54 &:= (111-1)/(1+1)-1 \\
&:= 2+2 \times (22+2+2) \\
&:= 3 \times 3 \times (3+3) \\
&:= 44+(44-4)/4 \\
&:= 55-5/5 \\
&:= 66-6-6 \\
&:= 7+7 \times 7-(7+7)/7 \\
&:= 8 \times 8+(8-88)/8 \\
&:= 9 \times 9-9-9-9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 55 &:= (111-1)/(1+1) \\
&:= 22/2+2 \times 22 \\
&:= 3^3+3^3+3/3 \\
&:= 44+44/4 \\
&:= 55 \\
&:= 66-66/6 \\
&:= 7+7 \times 7-7/7 \\
&:= 8 \times 8-8-8/8 \\
&:= (999-9)/(9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 56 &:= (1+111)/(1+1) \\
&:= 2 \times (22+2+2+2) \\
&:= (333+3)/(3+3) \\
&:= 4+4+4+44 \\
&:= 55+5/5 \\
&:= 66+(6-66)/6 \\
&:= 7+7 \times 7 \\
&:= 8 \times 8-8 \\
&:= (999+9)/(9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 57 &:= 1+(1+111)/(1+1) \\
&:= 2+22/2+2 \times 22 \\
&:= 3+3^3+3^3 \\
&:= 4+(4^4-44)/4 \\
&:= 55+(5+5)/5 \\
&:= 66+(6+6-66)/6 \\
&:= 7+7/7+7 \times 7 \\
&:= 8/8+8 \times 8-8 \\
&:= (((9+9)/9)^9+9/9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 58 &:= 1+1+(1+111)/(1+1) \\
&:= 22+(2+2+2)^2 \\
&:= (3/3+3)^3-3-3 \\
&:= (4^4-4-4)/4-4 \\
&:= 5+55-(5+5)/5 \\
&:= ((6+6)/6)^6-6 \\
&:= 7+7 \times 7+(7+7)/7 \\
&:= 8 \times 8-8+(8+8)/8 \\
&:= 9+(9 \times 99-9)/(9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 59 &:= (11^{1+1}-1)/(1+1)-1 \\
&:= 22/2+2 \times (22+2) \\
&:= 3^3+33-3/3 \\
&:= (4^4-4)/4-4 \\
&:= 5+55-5/5 \\
&:= 66-6/6-6 \\
&:= 7 \times 7+(77-7)/7 \\
&:= 8 \times 8+88/8-8-8 \\
&:= 9+(9 \times 99+9)/(9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 60 &:= (11^{1+1}-1)/(1+1) \\
&:= 2 \times (2 \times (2+2)+22) \\
&:= 3^3+33 \\
&:= 4 \times 4+44 \\
&:= 5+55 \\
&:= 66-6 \\
&:= 7 \times 7+77/7 \\
&:= 8 \times 8-8 \times 8/(8+8) \\
&:= 9 \times 9-9-(99+9)/9
\end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 61 &:= (1+11^{1+1})/(1+1) \\
 &:= 2^{2+2+2} - 2/2 - 2 \\
 &:= (3/3+3)^3 - 3 \\
 &:= (4^4+4)/4 - 4 \\
 &:= 5+55+5/5 \\
 &:= 66+6/6 - 6 \\
 &:= 7 \times 7 + (77+7)/7 \\
 &:= 8+8 \times 8 - 88/8 \\
 &:= 9 \times 9 - 9 - 99/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 62 &:= 1 + (1+11^{1+1})/(1+1) \\
 &:= 2^{2+2+2} - 2 \\
 &:= 3+33 - 3/3 + 3^3 \\
 &:= (4^4 - 4 - 4)/4 \\
 &:= 5+55 + (5+5)/5 \\
 &:= 66 - 6 + (6+6)/6 \\
 &:= 7+7+7 \times 7 - 7/7 \\
 &:= 8 \times 8 - (8+8)/8 \\
 &:= 9 \times 9 - 9 - 9/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 63 &:= (1+1+1) \times (11+11-1) \\
 &:= 2^{2+2+2} - 2/2 \\
 &:= 3+33+3^3 \\
 &:= (4^4 - 4)/4 \\
 &:= (5^5/5+5)/(5+5) \\
 &:= 66 - 6 \times 6/(6+6) \\
 &:= 7+7+7 \times 7 \\
 &:= 8 \times 8 - 8/8 \\
 &:= 9 \times 9 - 9 - 9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 64 &:= (1+1)^{(1+1) \times (1+1+1)} \\
 &:= 2^{2+2+2} \\
 &:= (3/3+3)^3 \\
 &:= 4 \times 4 \times 4 \\
 &:= 5+5+55 - 5/5 \\
 &:= ((6+6)/6)^6 \\
 &:= 7+7+7 \times 7 + 7/7 \\
 &:= 8 \times 8 \\
 &:= 9/9 + 9 \times 9 - 9 - 9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 65 &:= 1 + (1+1)^{(1+1) \times (1+1+1)} \\
 &:= 2/2 + 2^{2+2+2} \\
 &:= (3/3+3)^3 + 3/3 \\
 &:= (4^4+4)/4 \\
 &:= 5+5+55 \\
 &:= 66 - 6/6 \\
 &:= 77 - (77+7)/7 \\
 &:= 8/8 + 8 \times 8 \\
 &:= 9 + (999+9)/(9+9)
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 66 &:= (1+1) \times 11 \times (1+1+1) \\
 &:= 2 + 2^{2+2+2} \\
 &:= 33+33 \\
 &:= (4^4+4+4)/4 \\
 &:= 55+55/5 \\
 &:= 66 \\
 &:= 77 - 77/7 \\
 &:= 8 \times 8 + (8+8)/8 \\
 &:= (9+9) \times 99/(9+9+9)
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 67 &:= 1 + (1+1) \times 11 \times (1+1+1) \\
 &:= 2 + 2^{2+2+2} + 2/2 \\
 &:= 3 + (3/3+3)^3 \\
 &:= 4 + (4^4 - 4)/4 \\
 &:= 55 + (55+5)/5 \\
 &:= 66+6/6 \\
 &:= 7+7 \times 7 + 77/7 \\
 &:= 8 \times 8 - 8 + 88/8 \\
 &:= 9+9 + (9 \times 99 - 9)/(9+9)
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 68 &:= (1+1) \times (1+11 \times (1+1+1)) \\
 &:= 2+2 + 2^{2+2+2} \\
 &:= ((3+3)^3 - 3)/3 - 3 \\
 &:= 4+4 \times 4 \times 4 \\
 &:= 5 + (5^5/5+5)/(5+5) \\
 &:= 66 + (6+6)/6 \\
 &:= 77 - 7 - (7+7)/7 \\
 &:= 8 \times 8 + 8 \times 8/(8+8) \\
 &:= 9 \times 9 - (99+9+9)/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 69 &:= (1+1+1) \times (1+11+11) \\
 &:= (2/2+2) \times (22+2/2) \\
 &:= 3+33+33 \\
 &:= 4 + (4^4+4)/4 \\
 &:= 5+5+5+55 - 5/5 \\
 &:= 66+6 \times 6/(6+6) \\
 &:= 77 - 7 - 7/7 \\
 &:= 88 - 8 - 88/8 \\
 &:= 9 \times 9 - (99+9)/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 70 &:= (11-1-1)^{1+1} - 11 \\
 &:= 22+2 \times (22+2) \\
 &:= 3 + (((3/3+3)^3) + 3) \\
 &:= 4 + (((4^4+4)+4)/4) \\
 &:= 5 + (55+5+5) \\
 &:= 6 + ((6+6)/6)^6 \\
 &:= 77 - 7 \\
 &:= 8+8 \times 8 - (8+8)/8 \\
 &:= 9 \times 9 - 99/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 71 &:= (1+11)^{1+1}/(1+1) - 1 \\
 &:= 2 \times (2+2+2)^2 - 2/2 \\
 &:= ((3+3)^3 - 3)/3 \\
 &:= 4 + (4^4 - 4)/4 + 4 \\
 &:= 5+55+55/5 \\
 &:= 6+66 - 6/6 \\
 &:= 7/7 + 77 - 7 \\
 &:= 8+8 \times 8 - 8/8 \\
 &:= 9 \times 9 - 9/9 - 9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 72 &:= (1+11)^{1+1}/(1+1) \\
 &:= 2 \times (2+2+2)^2 \\
 &:= 3 \times (3^3 - 3) \\
 &:= 4+4+4 \times 4 \times 4 \\
 &:= 5+55 + (55+5)/5 \\
 &:= 6+66 \\
 &:= 77 + (7+7)/7 - 7 \\
 &:= 8+8 \times 8 \\
 &:= 9 \times 9 - 9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 73 &:= 1 + (1+11)^{1+1}/(1+1) \\
 &:= 2/2 + 2 \times (2+2+2)^2 \\
 &:= ((3+3)^3 + 3)/3 \\
 &:= 4 + (4^4+4)/4 + 4 \\
 &:= 5 \times (5+5+5) - (5+5)/5 \\
 &:= 6+66+6/6 \\
 &:= 7+77 - 77/7 \\
 &:= 8+8/8 + 8 \times 8 \\
 &:= 9/9 + 9 \times 9 - 9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 74 &:= (1+1) \times 111/(1+1+1) \\
 &:= 2+2 \times (2+2+2)^2 \\
 &:= 3 + ((3+3)^3 - 3)/3 \\
 &:= (4^4+44-4)/4 \\
 &:= 5 \times (5+5+5) - 5/5 \\
 &:= 6+66 + (6+6)/6 \\
 &:= 77 - (7+7+7)/7 \\
 &:= 8 \times 8 + 8 + (8+8)/8 \\
 &:= 9 \times 9 - 9 + (9+9)/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 75 &:= 1 + (1+1) \times 111/(1+1+1) \\
 &:= 22/2 + 2^{2+2+2} \\
 &:= 3+3 \times (3^3 - 3) \\
 &:= (44+4^4)/4 \\
 &:= 5 \times (5+5+5) \\
 &:= 666/6 - 6 \times 6 \\
 &:= 77 - (7+7)/7 \\
 &:= 8 \times 8 + 88/8 \\
 &:= 9 \times 9 + (9+9+9)/9 - 9
 \end{aligned}$$

$$\begin{aligned}
\blacktriangleright 76 &:= (1+1) \times (1+111/(1+1+1)) \\
&:= 2 \times ((2+2+2)^2+2) \\
&:= 3 + ((3+3)^3+3)/3 \\
&:= 44+4 \times (4+4) \\
&:= 5/5+5 \times (5+5+5) \\
&:= 6+6 + ((6+6)/6)^6 \\
&:= 77-7/7 \\
&:= 8 \times 8 + (88+8)/8 \\
&:= 9 \times 9 + (9-99)/(9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 77 &:= 11 \times (1+(1+1) \times (1+1+1)) \\
&:= 2 \times 2 \times 22-22/2 \\
&:= 3 \times 3^3-3/3-3 \\
&:= (4-4/4)^4-4 \\
&:= 55+(55+55)/5 \\
&:= 66+66/6 \\
&:= 77 \\
&:= 88-88/8 \\
&:= 9 \times 9 + (9-9 \times 9)/(9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 78 &:= 111-11 \times (1+1+1) \\
&:= 2 \times 2 \times (22-2)-2 \\
&:= 3 \times 3^3-3 \\
&:= 4+(4^4-4+44)/4 \\
&:= 5 \times 5+55-(5+5)/5 \\
&:= 6+66+6 \\
&:= 7/7+77 \\
&:= 88+(8-88)/8 \\
&:= 9 \times 9-(9+9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 79 &:= (11-1-1)^{1+1}-1-1 \\
&:= (2/2+2)^{2+2}-2 \\
&:= 3 \times 3^3+3/3-3 \\
&:= 4+(44+4^4)/4 \\
&:= 5 \times 5+55-5/5 \\
&:= 6+6+66+6/6 \\
&:= 77+(7+7)/7 \\
&:= 88-8-8/8 \\
&:= 9 \times 9-(9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 80 &:= (11-1-1)^{1+1}-1 \\
&:= 2 \times 2 \times (22-2) \\
&:= 3 \times 3^3-3/3 \\
&:= 4 \times (4 \times 4+4) \\
&:= 5 \times 5+55 \\
&:= 6+6+66+(6+6)/6 \\
&:= 77+(7+7+7)/7 \\
&:= 88-8 \\
&:= 9 \times 9-9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 81 &:= (11-1-1)^{1+1} \\
&:= (2/2+2)^{2+2} \\
&:= 3 \times 3^3 \\
&:= (4-4/4)^4 \\
&:= 5 \times 5+55+5/5 \\
&:= 6+666/6-6 \times 6 \\
&:= 77-7+77/7 \\
&:= 8/8+88-8 \\
&:= 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 82 &:= 1+(11-1-1)^{1+1} \\
&:= 2+2 \times 2 \times (22-2) \\
&:= 3/3+3 \times 3^3 \\
&:= 4/4+(4-4/4)^4 \\
&:= 5 \times 5+55+(5+5)/5 \\
&:= 6+6+6+((6+6)/6)^6 \\
&:= 7+77-(7+7)/7 \\
&:= 88-8+(8+8)/8 \\
&:= 9/9+9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 83 &:= 1+1+(11-1-1)^{1+1} \\
&:= 2+(2/2+2)^{2+2} \\
&:= 3+3 \times 3^3-3/3 \\
&:= 4+(44+4^4)/4+4 \\
&:= 5+55+5 \times 5-(5+5)/5 \\
&:= 6+66/6+66 \\
&:= 7+77-7/7 \\
&:= 8+8 \times 8+88/8 \\
&:= 9 \times 9+(9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 84 &:= 1+1+1+(11-1-1)^{1+1} \\
&:= 2 \times (2 \times 22-2) \\
&:= 3+3 \times 3^3 \\
&:= 4+4 \times (4 \times 4+4) \\
&:= 5+(55-5/5)+5 \times 5 \\
&:= 6+66+6+6 \\
&:= 7+77 \\
&:= 88-8 \times 8/(8+8) \\
&:= 9 \times 9+(9+9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 85 &:= 111-(1+1) \times (1+1+11) \\
&:= 2+2+(2/2+2)^{2+2} \\
&:= 3+3 \times 3^3+3/3 \\
&:= 4+(4-4/4)^4 \\
&:= 5+5 \times 5+55 \\
&:= 6+6+6+66+6/6 \\
&:= 7+77+7/7 \\
&:= 8+88-88/8 \\
&:= 9 \times 9+(9 \times 9-9)/(9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 86 &:= (1+1) \times ((1+1) \times (11+11)-1) \\
&:= 2 \times 2 \times 22-2 \\
&:= 3+3+3 \times 3^3-3/3 \\
&:= 4+(4-4/4)^4+4/4 \\
&:= 555/5-5 \times 5 \\
&:= 6+6+6+66+(6+6)/6 \\
&:= 7+(7+7)/7+77 \\
&:= 88-(8+8)/8 \\
&:= 9 \times 9+(9 \times 9+9)/(9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 87 &:= 111-(1+1) \times (1+11) \\
&:= 2 \times 2 \times 22-2/2 \\
&:= 3+3 \times 3^3+3 \\
&:= 44+44-4/4 \\
&:= 55+((5+5)/5)^5 \\
&:= 6+666/6-6 \times 6+6 \\
&:= 77+(77-7)/7 \\
&:= 88-8/8 \\
&:= 99-(99+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 88 &:= 11 \times (1+1)^{1+1+1} \\
&:= 2 \times 2 \times 22 \\
&:= 3 \times 33-33/3 \\
&:= 44+44 \\
&:= 5 \times 5+(5^5/5+5)/(5+5) \\
&:= 66+(66+66)/6 \\
&:= 77+77/7 \\
&:= 88 \\
&:= 99-99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 89 &:= 111-11-11 \\
&:= 2/2+2 \times 2 \times 22 \\
&:= 3 \times (3^3+3)-3/3 \\
&:= 4+4+(4-4/4)^4 \\
&:= 5 \times (5 \times 5-5)-55/5 \\
&:= 6+66+6+66/6 \\
&:= 77+(77+7)/7 \\
&:= 8/8+88 \\
&:= 9+9 \times 9-9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 90 &:= (11-1) \times (11-1-1) \\
&:= 2+2 \times 2 \times 22 \\
&:= 3 \times (3^3+3) \\
&:= 44+((4+4)/4+44) \\
&:= 5+(5 \times 5+55+5) \\
&:= 6+((66+6+6)+6) \\
&:= 7+(77-7/7+7) \\
&:= 88+(8+8)/8 \\
&:= 9+9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 91 &:= 1 + (11-1) \times (11-1-1) \\
&:= 2 + 2 \times 2 \times 22 + 2/2 \\
&:= 3^3 + (3/3 + 3)^3 \\
&:= 4 + 44 + 44 - 4/4 \\
&:= 5 - 5 \times 5 + 555/5 \\
&:= 6 \times 6 + 66 - 66/6 \\
&:= 7 + 77 + 7 \\
&:= 88 + (88/8 - 8) \\
&:= 9 + 9 \times 9 + 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 92 &:= 11 + (11-1-1)^{1+1} \\
&:= 2 \times (2 \times 22 + 2) \\
&:= 3 \times 3^3 + 33/3 \\
&:= 4 + 44 + 44 \\
&:= 5 + 55 + ((5+5)/5)^5 \\
&:= 6 \times 6 + 66 + (6-66)/6 \\
&:= 7 + 7 + 77 + 7/7 \\
&:= 88 + 8 \times 8 / (8+8) \\
&:= 9 \times 9 + 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 93 &:= ((1+1)^{11-1} - 1)/11 \\
&:= 2/2 + 2 \times (2 \times 22 + 2) \\
&:= 3 + 3 \times (3^3 + 3) \\
&:= ((4+4)^4 - 4)/44 \\
&:= 5 \times 5 \times 5 - ((5+5)/5)^5 \\
&:= 666/6 - 6 - 6 - 6 \\
&:= 7 + 77 + 7 + (7+7)/7 \\
&:= 8 + 88 + 8 - 88/8 \\
&:= 9 \times 9 + (99+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 94 &:= 1 + ((1+1)^{11-1} - 1)/11 \\
&:= 2 + 2 \times (2 \times 22 + 2) \\
&:= 3 + 3 \times (3^3 + 3) + 3/3 \\
&:= (444 - 4)/4 - 4 \times 4 \\
&:= 5 \times (5 \times 5 - 5) - 5 - 5/5 \\
&:= 6 \times 6 + ((6+6)/6)^6 - 6 \\
&:= 7 + 77 + (77-7)/7 \\
&:= 8 + 88 - (8+8)/8 \\
&:= 99 + (9-99)/(9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 95 &:= 111 - (1+1)^{1+1+1+1} \\
&:= 222/2 - 2^{2+2} \\
&:= 3 \times 33 - 3 - 3/3 \\
&:= 444/4 - 4 \times 4 \\
&:= 5 \times (5 \times 5 - 5) - 5 \\
&:= 6 \times 6 + 66 - 6 - 6/6 \\
&:= 7 + 77 + 77/7 \\
&:= 8 + 88 - 8/8 \\
&:= 99 + (9-9 \times 9)/(9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 96 &:= (1+11) \times (1+1)^{1+1+1} \\
&:= 2 \times 2 \times (22+2) \\
&:= 3 \times 33 - 3 \\
&:= 4 \times (4 \times 4 + 4 + 4) \\
&:= 5/5 + 5 \times (5 \times 5 - 5) - 5 \\
&:= 6 \times 6 + 66 - 6 \\
&:= 7 \times (7+7) - (7+7)/7 \\
&:= 8 + 88 \\
&:= 99 - (9+9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 97 &:= 111 - 11 - 1 - 1 - 1 \\
&:= 2/2 + 2 \times 2 \times (22+2) \\
&:= 3/3 + 3 \times 33 - 3 \\
&:= 4 \times 4 + (4-4/4)^4 \\
&:= 5 + 5 + 55 + ((5+5)/5)^5 \\
&:= 6 \times 6 + 66 - 6 + 6/6 \\
&:= 7 \times (7+7) - 7/7 \\
&:= 8 + 88 + 8/8 \\
&:= 99 - (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 98 &:= 111 - 11 - 1 - 1 \\
&:= 2 + 2 \times 2 \times (22+2) \\
&:= 3 \times 33 - 3/3 \\
&:= 4 + (444 - 4)/4 - 4 \times 4 \\
&:= 5 \times (5 \times 5 - 5) - (5+5)/5 \\
&:= (666 - 6)/6 - 6 - 6 \\
&:= 7 \times (7+7) \\
&:= 8 + 88 + (8+8)/8 \\
&:= 99 - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 99 &:= 11 \times (11-1-1) \\
&:= (22/2)^2 - 22 \\
&:= 3 \times 33 \\
&:= 4 - 4 \times 4 + 444/4 \\
&:= 5 \times (5 \times 5 - 5) - 5/5 \\
&:= 666/6 - 6 - 6 \\
&:= 7/7 + 7 \times (7+7) \\
&:= 88 + 88/8 \\
&:= 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 100 &:= (11-1)^{1+1} \\
&:= (2 \times (2+2) + 2)^2 \\
&:= 3/3 + 3 \times 33 \\
&:= 4 + 4 \times (4 \times 4 + 4 + 4) \\
&:= 5 \times (5 \times 5 - 5) \\
&:= 6 \times 6 + ((6+6)/6)^6 \\
&:= (7+7)/7 + 7 \times (7+7) \\
&:= 88 + (88+8)/8 \\
&:= 9/9 + 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 101 &:= 1 + (11-1)^{1+1} \\
&:= 2222/22 \\
&:= 3 + 3 \times 33 - 3/3 \\
&:= 4444/44 \\
&:= 5/5 + 5 \times (5 \times 5 - 5) \\
&:= 6 \times 6 + 66 - 6/6 \\
&:= 7777/77 \\
&:= 8888/88 \\
&:= 99 + (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 102 &:= 1 + 1 + (11-1)^{1+1} \\
&:= 2 + (2 \times (2+2) + 2)^2 \\
&:= 3 + 3 \times 33 \\
&:= (444 - 4)/4 - 4 - 4 \\
&:= (5+5)/5 + 5 \times (5 \times 5 - 5) \\
&:= 6 \times 6 + 66 \\
&:= 7 + 77 + 7 + 77/7 \\
&:= (888 - 8)/8 - 8 \\
&:= 999/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 103 &:= 1 + 1 + 1 + (11-1)^{1+1} \\
&:= 2 + 2222/22 \\
&:= 3 + 3 \times 33 + 3/3 \\
&:= 444/4 - 4 - 4 \\
&:= 5 + 5 \times (5 \times 5 - 5) - (5+5)/5 \\
&:= 6 \times 6 + 66 + 6/6 \\
&:= (777 - 7)/7 - 7 \\
&:= 888/8 - 8 \\
&:= (999 + 9)/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 104 &:= 1 + 1 + 1 + 1 + (11-1)^{1+1} \\
&:= 2 \times 2 \times (22 + 2 + 2) \\
&:= 3 + 3 + 3 \times 33 - 3/3 \\
&:= 4 \times 4 + 44 + 44 \\
&:= (5^5 - 5)/(5 \times 5 + 5) \\
&:= (666 - 6)/6 - 6 \\
&:= 777/7 - 7 \\
&:= 8 + (88 + 8) \\
&:= 99 + (9 \times 9 + 9)/(9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 105 &:= 111 - (1+1) \times (1+1+1) \\
&:= 222/2 - 2 - 2 - 2 \\
&:= 3 + 3 + 3 \times 33 \\
&:= 4 + 4444/44 \\
&:= 5 + 5 \times (5 \times 5 - 5) \\
&:= 666/6 - 6 \\
&:= 7 + 7 \times (7+7) \\
&:= 8 + 8 + 88 + 8/8 \\
&:= 9 + 99 - (9+9+9)/9
\end{aligned}$$

$$\begin{aligned} \blacktriangleright 106 &:= 111 - 1 - 1 - 1 - 1 - 1 \\ &:= 2 + 2 \times 2 \times (22 + 2 + 2) \\ &:= 3 + 3 + 3 \times 33 + 3/3 \\ &:= (444 - 4)/4 - 4 \\ &:= 555/5 - 5 \\ &:= (666 + 6)/6 - 6 \\ &:= 7 + 7 \times (7 + 7) + 7/7 \\ &:= 8 + 8 + 88 + (8 + 8)/8 \\ &:= 9 + 99 - (9 + 9)/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 107 &:= 111 - 1 - 1 - 1 - 1 \\ &:= 222/2 - 2 - 2 \\ &:= 3 \times (33 + 3) - 3/3 \\ &:= 444/4 - 4 \\ &:= (555 + 5)/5 - 5 \\ &:= 6 \times (6 + 6 + 6) - 6/6 \\ &:= 7 + (7 + 7)/7 + 7 \times (7 + 7) \\ &:= 8 + (88/8 + 88) \\ &:= 9 + 99 - 9/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 108 &:= 111 - 1 - 1 - 1 \\ &:= (222 - 2)/2 - 2 \\ &:= 3 \times (33 + 3) \\ &:= 44 + 4 \times 4 \times 4 \\ &:= 55 + 55 - (5 + 5)/5 \\ &:= 6 \times (6 + 6 + 6) \\ &:= 7 + 7777/77 \\ &:= 8 + 88 + (88 + 8)/8 \\ &:= 9 + 99 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 109 &:= 111 - 1 - 1 \\ &:= 222/2 - 2 \\ &:= 3/3 + 3 \times (33 + 3) \\ &:= 44 + (4^4 + 4)/4 \\ &:= 55 + 55 - 5/5 \\ &:= 6/6 + 6 \times (6 + 6 + 6) \\ &:= 77/7 + 7 \times (7 + 7) \\ &:= (888 - 8 - 8)/8 \\ &:= 9 + 99 + 9/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 110 &:= 111 - 1 \\ &:= (222 - 2)/2 \\ &:= (333 - 3)/3 \\ &:= (444 - 4)/4 \\ &:= 55 + 55 \\ &:= (666 - 6)/6 \\ &:= (777 - 7)/7 \\ &:= (888 - 8)/8 \\ &:= 99 + 99/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 111 &:= 111 \\ &:= 222/2 \\ &:= 333/3 \\ &:= 444/4 \\ &:= 555/5 \\ &:= 666/6 \\ &:= 777/7 \\ &:= 888/8 \\ &:= 999/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 112 &:= 1 + 111 \\ &:= (222 + 2)/2 \\ &:= (333 + 3)/3 \\ &:= (444 + 4)/4 \\ &:= (555 + 5)/5 \\ &:= (666 + 6)/6 \\ &:= (777 + 7)/7 \\ &:= (888 + 8)/8 \\ &:= (999 + 9)/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 113 &:= 1 + 1 + 111 \\ &:= 2 + 222/2 \\ &:= (333 + 3 + 3)/3 \\ &:= (444 + 4 + 4)/4 \\ &:= (555 + 5 + 5)/5 \\ &:= (666 + 6 + 6)/6 \\ &:= (777 + 7 + 7)/7 \\ &:= (888 + 8 + 8)/8 \\ &:= (999 + 9 + 9)/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 114 &:= 1 + 1 + 1 + 111 \\ &:= 2 + (222 + 2)/2 \\ &:= 3 + 333/3 \\ &:= 4 + (444 - 4)/4 \\ &:= 5 \times 5 \times 5 - 5/5 \\ &:= 6 + 6 \times (6 + 6 + 6) \\ &:= ((7 + 7)/7)^7 - 7 - 7 \\ &:= (888 + 88)/8 - 8 \\ &:= (999 + 9 + 9 + 9)/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 115 &:= 1 + 1 + 1 + 1 + 111 \\ &:= 2 + 2 + 222/2 \\ &:= 3 + (333 + 3)/3 \\ &:= 4 + 444/4 \\ &:= 5 + 55 + 55 \\ &:= 6 + 6 \times (6 + 6 + 6) + 6/6 \\ &:= 77 + 7 \times 7 - 77/7 \\ &:= 8 + 88 + 8 + 88/8 \\ &:= 9 + 9 + 99 - (9 + 9)/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 116 &:= 1 + 1 + 1 + 1 + 1 + 111 \\ &:= 2 + 2 + (222 + 2)/2 \\ &:= 3 + 3 + (333 - 3)/3 \\ &:= 4 + 4 \times (44 - 4 \times 4) \\ &:= 5 + 555/5 \\ &:= 6 + (666 - 6)/6 \\ &:= 7 + 7 \times (7 + 7) + 77/7 \\ &:= 8 \times (8 + 8) - (88 + 8)/8 \\ &:= 9 + 9 + 99 - 9/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 117 &:= 111 + (1 + 1) \times (1 + 1 + 1) \\ &:= (22/2)^2 - 2 - 2 \\ &:= 3 \times (33 + 3 + 3) \\ &:= 4 + ((444 + 4 + 4)/4) \\ &:= 5 + (555 + 5)/5 \\ &:= 6 + 666/6 \\ &:= 7 + (777 - 7)/7 \\ &:= 8 \times (8 + 8) - 88/8 \\ &:= 9 + (99 + 9) \end{aligned}$$

$$\begin{aligned} \blacktriangleright 118 &:= 11^{1+1} - 1 - 1 - 1 \\ &:= 22 + 2 \times 2 \times (22 + 2) \\ &:= 3 + 3 + (333 + 3)/3 \\ &:= 4 + 4 + (444 - 4)/4 \\ &:= 5 + (555 + 5 + 5)/5 \\ &:= 6 + (666 + 6)/6 \\ &:= 7 + 777/7 \\ &:= 8 + (888 - 8)/8 \\ &:= 9 + 99 + 9 + 9/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 119 &:= 11^{1+1} - 1 - 1 \\ &:= (22/2)^2 - 2 \\ &:= 3 \times 3 + (333 - 3)/3 \\ &:= 4 + 4 + 444/4 \\ &:= 5 \times 5 \times 5 - 5 - 5/5 \\ &:= 6 + (666 + 6 + 6)/6 \\ &:= 77 + 7 \times 7 - 7 \\ &:= 8 + 888/8 \\ &:= 9 + (99/9 + 99) \end{aligned}$$

$$\begin{aligned} \blacktriangleright 120 &:= 11^{1+1} - 1 \\ &:= (2 + 2 + 2) \times (22 - 2) \\ &:= 3 + 3 \times (33 + 3 + 3) \\ &:= (4 + 4) \times (44/4 + 4) \\ &:= 5 \times 5 \times 5 - 5 \\ &:= 6 + 6 + 6 \times (6 + 6 + 6) \\ &:= 7 + (777 + 7 + 7)/7 \\ &:= 8 \times (8 + 8) - 8 \\ &:= 9 + 999/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 121 &:= 11 \times 11 \\ &:= (22/2)^2 \\ &:= (33/3)^{3-3/3} \\ &:= (44/4)^{(4+4)/4} \\ &:= 5+5+555/5 \\ &:= 66 \times 66 / (6 \times 6) \\ &:= ((7+7)/7)^7 - 7 \\ &:= 8 \times (8+8) - 8 + 8/8 \\ &:= 9 + (999+9)/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 122 &:= 111 + 11 \\ &:= (222 + 22)/2 \\ &:= (333 + 33)/3 \\ &:= (444 + 44)/4 \\ &:= (555 + 55)/5 \\ &:= (666 + 66)/6 \\ &:= (777 + 77)/7 \\ &:= (888 + 88)/8 \\ &:= (999 + 99)/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 123 &:= 1 + 1 + 11 \times 11 \\ &:= 2 + (22/2)^2 \\ &:= 3^3 - 3 + 3 \times 33 \\ &:= 4 + 4 + 4 + 444/4 \\ &:= 5 \times 5 \times 5 - (5+5)/5 \\ &:= 6 + 6 + 666/6 \\ &:= (777 + 77 + 7)/7 \\ &:= (888 + 88 + 8)/8 \\ &:= (999 + 99 + 9)/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 124 &:= 1 + 1 + 1 + 11 \times 11 \\ &:= 2 \times (2^{2+2+2} - 2) \\ &:= 3 + (33/3)^{3-3/3} \\ &:= 4 \times 4 \times (4+4) - 4 \\ &:= 5 \times 5 \times 5 - 5/5 \\ &:= 6 + 6 + (666+6)/6 \\ &:= 7 + 7 + (777-7)/7 \\ &:= 8 \times (8+8) - 8 \times 8 / (8+8) \\ &:= 9 + 9 + 9 + 99 - (9+9)/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 125 &:= 1 + 1 + 1 + 1 + 11 \times 11 \\ &:= 2 + (22/2)^2 + 2 \\ &:= (3 - 3/3 + 3)^3 \\ &:= 44 + (4 - 4/4)^4 \\ &:= 5 \times 5 \times 5 \\ &:= 66 + 66 - 6 - 6/6 \\ &:= 7 + 7 + 777/7 \\ &:= 8 + 8 \times (8+8) - 88/8 \\ &:= 9 + 99 + 9 + 9 - 9/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 126 &:= 1 + 1 + 1 + 1 + 1 + 11 \times 11 \\ &:= 2 \times 2^{2+2+2} - 2 \\ &:= 3 \times (3 \times 3 + 33) \\ &:= (4^4 - 4) \times 4 / (4+4) \\ &:= 5/5 + 5 \times 5 \times 5 \\ &:= 66 + 66 - 6 \\ &:= 77 + 7 \times 7 \\ &:= 8 \times (8+8) - (8+8)/8 \\ &:= 9 + (99+9+9) \end{aligned}$$

$$\begin{aligned} \blacktriangleright 127 &:= 111 + (1+1)^{1+1+1+1} \\ &:= (2^{2 \times (2+2)} - 2)/2 \\ &:= 3^3 + (3 \times 33 + 3/3) \\ &:= 4 \times 4 + 444/4 \\ &:= 5 \times 5 \times 5 + (5+5)/5 \\ &:= 6 + 66 \times 66 / (6 \times 6) \\ &:= 7/7 + (77 + 7 \times 7) \\ &:= 8 \times (8+8) - 8/8 \\ &:= 99 + 9 + 9 + 9 + 9/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 128 &:= (1+1)^{1+(1+1) \times (1+1+1)} \\ &:= 2 \times 2^{2+2+2} \\ &:= 3 + (3 - 3/3 + 3)^3 \\ &:= 4 \times 4 \times (4+4) \\ &:= 5 + 5 \times 5 \times 5 - (5+5)/5 \\ &:= ((6+6)/6)^{6+6/6} \\ &:= ((7+7)/7)^7 \\ &:= 8 \times (8+8) \\ &:= 99 + 9 + 9 + 99/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 129 &:= 11 \times (1+11) - 1 - 1 - 1 \\ &:= (2^{2 \times (2+2)} + 2)/2 \\ &:= 3 + (3 \times 33 + 3^3) \\ &:= 4/4 + 4 \times 4 \times (4+4) \\ &:= 5 + (5 \times 5 \times 5 - 5/5) \\ &:= 6 + 6 + 6 + 666/6 \\ &:= 7/7 + ((7+7)/7)^7 \\ &:= 8/8 + 8 \times (8+8) \\ &:= 9 + 9 + 999/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 130 &:= (11-1) \times (1+1+11) \\ &:= 2 + 2 \times 2^{2+2+2} \\ &:= 3 + 3 \times 33 + 3^3 + 3/3 \\ &:= (4^4 + 4) / ((4+4)/4) \\ &:= 5 + 5 \times 5 \times 5 \\ &:= 66 + ((6+6)/6)^6 \\ &:= (7+7)/7 + ((7+7)/7)^7 \\ &:= 8 \times (8+8) + (8+8)/8 \\ &:= 9 + 9 + (999+9)/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 131 &:= 11 \times (1+11) - 1 \\ &:= 2 + (2^{2 \times (2+2)} + 2)/2 \\ &:= 3 + 3 + (3+3-3/3)^3 \\ &:= 4 + 444/4 + 4 \times 4 \\ &:= 5 + 5 \times 5 \times 5 + 5/5 \\ &:= 66 + 66 - 6/6 \\ &:= 7 + 7 + 7 + (777-7)/7 \\ &:= 8 \times (8+8) + 88/8 - 8 \\ &:= 9 + (999+99)/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 132 &:= 11 \times (1+11) \\ &:= 22 \times (2+2+2) \\ &:= 33 + 3 \times 33 \\ &:= 4 + 4 \times 4 \times (4+4) \\ &:= 5 + 5 \times 5 \times 5 + (5+5)/5 \\ &:= 66 + 66 \\ &:= 7 + 7 + 7 + 777/7 \\ &:= 88 + 88 \times 8 / (8+8) \\ &:= 99 \times (99+9) / (9 \times 9) \end{aligned}$$

$$\begin{aligned} \blacktriangleright 133 &:= 1 + 11 \times (1+11) \\ &:= 22 + 222/2 \\ &:= 33 + 3 \times 33 + 3/3 \\ &:= 4 + 4 \times 4 \times (4+4) + 4/4 \\ &:= 5 + 5 + 5 \times 5 \times 5 - (5+5)/5 \\ &:= 66 + 66 + 6/6 \\ &:= 7 + 77 + 7 \times 7 \\ &:= (8-8/8) \times (88/8+8) \\ &:= 9 \times (9+9) - 9 - 9 - 99/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 134 &:= 1 + 1 + 11 \times (1+11) \\ &:= 2 + 22 \times (2+2+2) \\ &:= 3 \times 3 + (3-3/3+3)^3 \\ &:= 4 + (4^4 + 4) \times 4 / (4+4) \\ &:= 5 + 5 + 5 \times 5 \times 5 - 5/5 \\ &:= 6 + ((6+6)/6)^{6/6+6} \\ &:= 7 + 77 + 7 \times 7 + 7/7 \\ &:= 8 + 8 \times (8+8) - (8+8)/8 \\ &:= 9 + 9 + 9 + 9 + 99 - 9/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 135 &:= 1 + 1 + 1 + 11 \times (1+11) \\ &:= 2 + 22 + 222/2 \\ &:= 3 + 33 + 33 \times 3 \\ &:= (4-4/4) \times (44+4/4) \\ &:= 5 + 5 + 5 \times 5 \times 5 \\ &:= 6 + 6 + 6 + 6 + 666/6 \\ &:= 7 + ((7+7)/7)^7 \\ &:= 8 + 8 \times (8+8) - 8/8 \\ &:= 9 + 9 + 9 + 9 + 99 \end{aligned}$$

$$\begin{aligned}
\blacktriangleright 136 &:= 1+1+1+1+11 \times (1+11) \\
&:= 2+2+22 \times (2+2+2)+2 \\
&:= (3/3+3) \times (3/3+33) \\
&:= 4+4+4 \times 4 \times (4+4) \\
&:= 5 \times 5+555/5 \\
&:= 6+((6+6)/6)^6+66 \\
&:= 7+((7+7)/7)^7+7/7 \\
&:= 8+8 \times (8+8) \\
&:= (9-9/9) \times (9+9-9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 137 &:= 111+(1+1) \times (1+1+11) \\
&:= 2^{2+2}+(22/2)^2 \\
&:= 3^3+(333-3)/3 \\
&:= 4+4 \times 4 \times (4+4)+4/4+4 \\
&:= 5 \times 5+(555+5)/5 \\
&:= 6+66+66-6/6 \\
&:= 77+77/7+7 \times 7 \\
&:= 8+8 \times (8+8)+8/8 \\
&:= 99+9+9+9+99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 138 &:= 111+(1+1+1)^{1+1+1} \\
&:= (2/2+2) \times (2 \times 22+2) \\
&:= 3^3+333/3 \\
&:= 4+(4^4+4) \times 4/(4+4)+4 \\
&:= (5 \times 5 \times 55+5)/(5+5) \\
&:= 6+66+66 \\
&:= 77+7 \times 7+(77+7)/7 \\
&:= 8+8 \times (8+8)+(8+8)/8 \\
&:= 9+9+9+999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 139 &:= (11-1) \times (1+1+1+11)-1 \\
&:= (2^{2 \times (2+2)}+22)/2 \\
&:= 3^3+(333+3)/3 \\
&:= 44/4+4 \times 4 \times (4+4) \\
&:= 5 \times (5 \times 5+5)-55/5 \\
&:= 6+66+66+6/6 \\
&:= 77/7+((7+7)/7)^7 \\
&:= 8 \times (8+8)+88/8 \\
&:= 9+9+9+(999+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 140 &:= (11-1) \times (1+1+1+11) \\
&:= 2 \times (2 \times (22+2)+22) \\
&:= 3+(333-3)/3+3^3 \\
&:= 4 \times (4 \times (4+4)+4)-4 \\
&:= 5+5+5+5 \times 5 \\
&:= 6+((6+6)/6)^{6/6}+6 \\
&:= 7 \times (7+7+7)-7 \\
&:= 8 \times (8+8)+(88+8)/8 \\
&:= 9+9+(999+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 141 &:= (1+11)^{1+1}-1-1-1 \\
&:= 22+(22/2)^2-2 \\
&:= 33+3 \times (33+3) \\
&:= 4^4-4-444/4 \\
&:= 5+5 \times 5+555/5 \\
&:= 6 \times 6+666/6-6 \\
&:= 7/7+7 \times (7+7+7)-7 \\
&:= 8 \times 8+88-88/8 \\
&:= 9+99 \times (99+9)/(9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 142 &:= (1+11)^{1+1}-1-1 \\
&:= (2 \times (2+2+2))^2-2 \\
&:= 3+(333+3)/3+3^3 \\
&:= 4 \times 4+(4^4-4) \times 4/(4+4) \\
&:= 5+5 \times 5+(555+5)/5 \\
&:= (6+6) \times (6+6)-(6+6)/6 \\
&:= 7+7+((7+7)/7)^7 \\
&:= 8+8+8 \times (8+8)-(8+8)/8 \\
&:= 9 \times (9+9)-9-99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 143 &:= 11 \times (1+1+11) \\
&:= 22+(22/2)^2 \\
&:= 33+(333-3)/3 \\
&:= 4 \times (4+4)+444/4 \\
&:= 5+(5 \times 5 \times 55+5)/(5+5) \\
&:= (6+6) \times (6+6)-6/6 \\
&:= 77+77-77/7 \\
&:= 8+8+8 \times (8+8)-8/8 \\
&:= 9 \times (9+9)-9-9-9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 144 &:= (1+11)^{1+1} \\
&:= (2 \times (2+2+2))^2 \\
&:= (3+3) \times (3^3-3) \\
&:= 4 \times (4 \times (4+4)+4) \\
&:= (5/5+5) \times (5 \times 5-5/5) \\
&:= (6+6) \times (6+6) \\
&:= (7/7+7) \times (77/7+7) \\
&:= 8+8 \times (8+8)+8 \\
&:= (9+9) \times (9-9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 145 &:= 1+(1+11)^{1+1} \\
&:= 2+(22/2)^2+22 \\
&:= 3/3+(3+3) \times (3^3-3) \\
&:= 4^4-444/4 \\
&:= 5 \times (5 \times 5+5)-5 \\
&:= 6/6+(6+6) \times (6+6) \\
&:= 7 \times (7+7+7)-(7+7)/7 \\
&:= 8+8+8 \times (8+8)+8/8 \\
&:= 9/9+(9+9) \times (9-9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 146 &:= 1+1+(1+11)^{1+1} \\
&:= 2+(2 \times (2+2+2))^2 \\
&:= 3+(333-3)/3+33 \\
&:= 4^4+(4-444)/4 \\
&:= 5/5+5 \times (5 \times 5+5)-5 \\
&:= 6 \times 6+(666-6)/6 \\
&:= 7 \times (7+7+7)-7/7 \\
&:= 8+8+8 \times (8+8)+(8+8)/8 \\
&:= (9+9)/9+(9+9) \times (9-9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 147 &:= 1+1+1+(1+11)^{1+1} \\
&:= (22/2+2)^2-22 \\
&:= 3+(3+3) \times (3^3-3) \\
&:= 4+444/4+4 \times (4+4) \\
&:= 5 \times 5+(555+55)/5 \\
&:= 6 \times 6+666/6 \\
&:= 7 \times (7+7+7) \\
&:= 8+8 \times (8+8)+88/8 \\
&:= 9+9+9+9+999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 148 &:= 1+1+1+1+(1+11)^{1+1} \\
&:= 2+2+(2 \times (2+2+2))^2 \\
&:= (33 \times 3^3-3)/(3+3) \\
&:= 4+4 \times (4 \times (4+4)+4) \\
&:= 5 \times (5 \times 5+5)-(5+5)/5 \\
&:= 6 \times 6+(666+6)/6 \\
&:= 7/7+7 \times (7+7+7) \\
&:= 888/(8-(8+8)/8) \\
&:= 99+(9 \times 99-9)/(9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 149 &:= 1+1+1+1+1+(1+11)^{1+1} \\
&:= 2+(22/2+2)^2-22 \\
&:= (33 \times 3^3+3)/(3+3) \\
&:= 4+4^4-444/4 \\
&:= 5 \times (5 \times 5+5)-5/5 \\
&:= 6+(6+6) \times (6+6)-6/6 \\
&:= 7+((7+7)/7)^7+7+7 \\
&:= 8+8 \times 8+88-88/8 \\
&:= 99+(9 \times 99+9)/(9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 150 &:= (11-1) \times (1+1+1+1+11) \\
&:= 22+2 \times 2^{2+2+2} \\
&:= 3+(3+3) \times (3^3-3)+3 \\
&:= (44+4^4)/((4+4)/4) \\
&:= 5 \times (5 \times 5+5) \\
&:= 6+(6+6) \times (6+6) \\
&:= 7+77+77-77/7 \\
&:= 8 \times 8+88-(8+8)/8 \\
&:= 9 \times (9+9)-(99+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 151 &:= 1 + (11 - 1) \times (1 + 1 + 1 + 1 + 11) \\
&:= 22 + (2^{2 \times (2+2)} + 2)/2 \\
&:= (3+3) \times 3^3 - 33/3 \\
&:= 44 + 444/4 - 4 \\
&:= 5/5 + 5 \times (5 \times 5 + 5) \\
&:= 6 + (6+6) \times (6+6) + 6/6 \\
&:= 7 + (7/7 + 7) \times (77/7 + 7) \\
&:= 8 \times 8 + (88 - 8/8) \\
&:= 9 \times (9+9) - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 152 &:= 11 \times (1 + 1 + 1 + 11) - 1 - 1 \\
&:= 2 \times 2 \times ((2+2+2)^2 + 2) \\
&:= 3^3 + (3 - 3/3 + 3)^3 \\
&:= 4 \times (44 - 4) - 4 - 4 \\
&:= (5+5)/5 + 5 \times (5 \times 5 + 5) \\
&:= 6 \times 6 \times 6 - ((6+6)/6)^6 \\
&:= 77 + 77 - (7+7)/7 \\
&:= 8 \times 8 + 88 \\
&:= 9 \times (9+9) - 9/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 153 &:= 11 \times (1 + 1 + 1 + 11) - 1 \\
&:= 2 \times 22 + 222/2 - 2 \\
&:= 3 \times (3^3 - 3 + 3^3) \\
&:= 4 + 4 + 4^4 - 444/4 \\
&:= 5 + 5 \times (5 \times 5 + 5) - (5+5)/5 \\
&:= 6 + 666/6 + 6 \times 6 \\
&:= 77 + 77 - 7/7 \\
&:= 8/8 + 8 \times 8 + 88 \\
&:= 9 \times (9+9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 154 &:= 11 \times (1 + 1 + 1 + 11) \\
&:= 22 + 22 \times (2 + 2 + 2) \\
&:= 33/3 \times (33/3 + 3) \\
&:= 44 + (444 - 4)/4 \\
&:= 5 + 5 \times (5 \times 5 + 5) - 5/5 \\
&:= 6 + (666 + 6)/6 + 6 \times 6 \\
&:= 77 + 77 \\
&:= 8 \times 8 + (8 + 8)/8 + 88 \\
&:= 9/9 + 9 \times (9 + 9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 155 &:= 11 + (1 + 11)^{1+1} \\
&:= 2 \times 22 + 222/2 \\
&:= 3 + (3 - 3/3 + 3)^3 + 3^3 \\
&:= 44 + 444/4 \\
&:= 5 + 5 \times (5 \times 5 + 5) \\
&:= 66/6 + (6 + 6) \times (6 + 6) \\
&:= 7/7 + 77 + 77 \\
&:= 8 + 8 + 8 \times (8 + 8) + 88/8 \\
&:= (9 + 9)/9 + 9 \times (9 + 9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 156 &:= (1 + 11) \times (1 + 1 + 11) \\
&:= 2 \times (2 \times 2 \times (22 - 2) - 2) \\
&:= (3 + 3) \times (3^3 - 3/3) \\
&:= 4 \times (44 - 4) - 4 \\
&:= (5^5 - 5)/(5 \times 5 - 5) \\
&:= 6 + (6 + 6) \times (6 + 6) + 6 \\
&:= 77 + 77 + (7 + 7)/7 \\
&:= 8 + 888/(8 - (8 + 8)/8) \\
&:= 9 \times (9 + 9) + (9 + 9 + 9)/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 157 &:= 1 + (1 + 11) \times (1 + 1 + 11) \\
&:= 2 + 222/2 + 2 \times 22 \\
&:= 3 + 33/3 \times (33/3 + 3) \\
&:= 4/4 + 4 \times (44 - 4) - 4 \\
&:= 5 \times 5 \times 5 + ((5+5)/5)^5 \\
&:= 6 + 6 + (6 + 6) \times (6 + 6) + 6/6 \\
&:= 77 + (7 + 7 + 7)/7 + 77 \\
&:= 88 + 88 - 8 - 88/8 \\
&:= 9 \times (9 + 9) + (9 - 99)/(9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 158 &:= (1 + 1 + 11)^{1+1} - 11 \\
&:= 2 \times ((2/2 + 2)^{2+2} - 2) \\
&:= 33 + (3 - 3/3 + 3)^3 \\
&:= 4 \times (44 - 4) - (4 + 4)/4 \\
&:= 5 \times ((5+5)/5)^5 - (5+5)/5 \\
&:= 6 + 6 \times 6 \times 6 - ((6+6)/6)^6 \\
&:= 77/7 + 7 \times (7 + 7 + 7) \\
&:= 8 + 88 - (8 + 8)/8 + 8 \times 8 \\
&:= 9 \times (9 + 9) + (9 - 9 \times 9)/(9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 159 &:= 1 + (1 + 1 + 11)^{1+1} - 11 \\
&:= 222/2 + 2 \times (22 + 2) \\
&:= (3 + 3) \times 3^3 - 3 \\
&:= 4 \times (44 - 4) - 4/4 \\
&:= (55 + 5^5)/(5 \times 5 - 5) \\
&:= 6 \times 6 + 6 + 6 + 666/6 \\
&:= 7 \times 7 + (777 - 7)/7 \\
&:= 8 + 8 \times 8 + 88 - 8/8 \\
&:= 9 \times (9 + 9) - (9 + 9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 160 &:= (1 + 1) \times ((11 - 1 - 1)^{1+1} - 1) \\
&:= 2 \times 2 \times 2 \times (22 - 2) \\
&:= 3/3 + (3 + 3) \times 3^3 - 3 \\
&:= 4 \times (44 - 4) \\
&:= 5 \times ((5 + 5)/5)^5 \\
&:= 6 + (666 + 6)/6 + 6 \times 6 + 6 \\
&:= 7 \times 7 + 777/7 \\
&:= 8 + 8 \times 8 + 88 \\
&:= 9 \times (9 + 9) - (9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 161 &:= (1 + 1) \times (11 - 1 - 1)^{1+1} - 1 \\
&:= ((2^{2+2} + 2)^2 - 2)/2 \\
&:= (3 + 3) \times 3^3 - 3/3 \\
&:= 4/4 + 4 \times (44 - 4) \\
&:= 5 + (5^5 - 5)/(5 \times 5 - 5) \\
&:= 6 + (6 + 6) \times (6 + 6) + 66/6 \\
&:= 7 + 77 + 77 \\
&:= 8 + 8 \times 8 + 88 + 8/8 \\
&:= 9 \times (9 + 9) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 162 &:= (1 + 1) \times (11 - 1 - 1)^{1+1} \\
&:= 2 \times (2/2 + 2)^{2+2} \\
&:= (3 + 3) \times 3^3 \\
&:= (4 + 4)/4 + 4 \times (44 - 4) \\
&:= 5 + 5 \times 5 \times 5 + ((5+5)/5)^5 \\
&:= 6 + (6 + 6) \times (6 + 6) + 6 + 6 \\
&:= 7 + 77 + 77 + 7/7 \\
&:= 8 + 88 + 8 \times 8 + (8 + 8)/8 \\
&:= 9 \times (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 163 &:= 1 + (1 + 1) \times (11 - 1 - 1)^{1+1} \\
&:= ((2^{2+2} + 2)^2 + 2)/2 \\
&:= 3/3 + (3 + 3) \times 3^3 \\
&:= 4 + 4 \times (44 - 4) - 4/4 \\
&:= 5 \times 55 - (555 + 5)/5 \\
&:= 6 \times (6 \times 6 - 6) - 66/6 - 6 \\
&:= 7 + 77 + 77 + (7 + 7)/7 \\
&:= 8 \times 8 + 88 + 88/8 \\
&:= 9/9 + 9 \times (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 164 &:= (1 + 1) \times (1 + (11 - 1 - 1)^{1+1}) \\
&:= 2 + 2 \times (2/2 + 2)^{2+2} \\
&:= 3 + (3 + 3) \times 3^3 - 3/3 \\
&:= 4 + 4 \times (44 - 4) \\
&:= 5 \times 55 - 555/5 \\
&:= 6 \times 6 + ((6 + 6)/6)^{6/6+6} \\
&:= 77 + 77 + (77 - 7)/7 \\
&:= 8 \times 8 + 88 + (88 + 8)/8 \\
&:= (9 + 9)/9 + 9 \times (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 165 &:= 11 \times (1 + 1 + 1 + 1 + 11) \\
&:= 2 \times 22 + (22/2)^2 \\
&:= 3 + (3 + 3) \times 3^3 \\
&:= 4 \times 44 - 44/4 \\
&:= 5 + 5 \times ((5 + 5)/5)^5 \\
&:= 66 \times (6 \times 6 - 6)/(6 + 6) \\
&:= 77 + 77 + 77/7 \\
&:= 88 + 88 - 88/8 \\
&:= 9 \times (9 + 9) + (9 + 9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 166 &:= 1 + 11 \times (1 + 1 + 1 + 1 + 11) \\
 &:= 2 \times ((2/2 + 2)^{2+2} + 2) \\
 &:= 3 + (3 + 3) \times 3^3 + 3/3 \\
 &:= 4 \times 44 + (4 - 44)/4 \\
 &:= 55 + 555/5 \\
 &:= 6 \times 6 + 66 + ((6 + 6)/6)^6 \\
 &:= 7 + (777 - 7)/7 + 7 \times 7 \\
 &:= 8 \times 8 - 8 + (888 - 8)/8 \\
 &:= 9 \times (9 + 9) + (9 \times 9 - 9)/(9 + 9)
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 167 &:= (1 + 1 + 11)^{1+1} - 1 - 1 \\
 &:= (22/2 + 2)^2 - 2 \\
 &:= (3 \times 333 + 3)/(3 + 3) \\
 &:= 4 \times 44 - 4 - 4 - 4/4 \\
 &:= 55 + (555 + 5)/5 \\
 &:= 6 \times 6 + 66 + 66 - 6/6 \\
 &:= 7 + 7 \times 7 + 777/7 \\
 &:= 8 \times 8 - 8 + 888/8 \\
 &:= 9 \times (9 + 9) + (9 \times 9 + 9)/(9 + 9)
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 168 &:= (1 + 1 + 11)^{1+1} - 1 \\
 &:= 2 \times 2 \times (2 \times 22 - 2) \\
 &:= 3 + (3 + 3) \times 3^3 + 3 \\
 &:= 4 \times 44 - 4 - 4 \\
 &:= 55 + (555 + 5 + 5)/5 \\
 &:= 6 \times 6 + (66 + 66) \\
 &:= 7 + ((77 + 77) + 7) \\
 &:= 88 + (88 - 8) \\
 &:= 9 + (9 \times (9 + 9) - ((9 + 9 + 9)/9))
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 169 &:= (1 + 1 + 11)^{1+1} \\
 &:= (22/2 + 2)^2 \\
 &:= 3 + 3 + (3 + 3) \times 3^3 + 3/3 \\
 &:= 4 + 4 \times 44 - 44/4 \\
 &:= 5 + 5 \times 55 - 555/5 \\
 &:= (6/6 + 6 + 6)^{(6+6)/6} \\
 &:= (7 - 7/7 + 7)^{(7+7)/7} \\
 &:= 8/8 + 88 + 88 - 8 \\
 &:= 9 + 9 \times (9 + 9) - (9 + 9)/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 170 &:= 1 + (1 + 1 + 11)^{1+1} \\
 &:= 2 + 2 \times (2 \times (2 \times 22 - 2)) \\
 &:= 3 + (3 \times 333 + 3)/(3 + 3) \\
 &:= 4 \times 44 - 4 - (4 + 4)/4 \\
 &:= 5 \times (5 \times 5 + 5 + 5) - 5 \\
 &:= 66 + (666 - 6)/6 - 6 \\
 &:= 7 \times 7 + ((7 + 7)/7)^7 - 7 \\
 &:= 88 + (8 + 8)/8 - 8 + 88 \\
 &:= 9 + 9 \times (9 + 9) - 9/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 171 &:= 1 + 1 + (1 + 1 + 11)^{1+1} \\
 &:= 2 + (22/2 + 2)^2 \\
 &:= 3 \times (3^3 + 3^3 + 3) \\
 &:= 4 \times 44 - 4 - 4/4 \\
 &:= 5 + 55 + 555/5 \\
 &:= 66 + 666/6 - 6 \\
 &:= (7 \times 7 \times 7 \times 7 - 7)/(7 + 7) \\
 &:= (8/8 + 8) \times (88/8 + 8) \\
 &:= 9 + 9 \times (9 + 9)
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 172 &:= 1 + 1 + 1 + (1 + 1 + 11)^{1+1} \\
 &:= 2 \times (2 \times 2 \times 22 - 2) \\
 &:= 3 \times 3 + (3 + 3) \times 3^3 + 3/3 \\
 &:= 4 \times 44 - 4 \\
 &:= 5 + 55 + (555 + 5)/5 \\
 &:= 66 - 6 + (666 + 6)/6 \\
 &:= (7 \times 7 \times 7 \times 7 + 7)/(7 + 7) \\
 &:= 88 + 88 - 8 \times 8/(8 + 8) \\
 &:= 9 + 9 \times (9 + 9) + 9/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 173 &:= 1 + 1 + 1 + 1 + (1 + 1 + 11)^{1+1} \\
 &:= 2 + (22/2 + 2)^2 + 2 \\
 &:= (3 + 3) \times 3^3 + 33/3 \\
 &:= 4 \times 44 - 4 + 4/4 \\
 &:= 5 \times (5 \times 5 + 5 + 5) - (5 + 5)/5 \\
 &:= 6 \times (6 \times 6 - 6) - 6/6 - 6 \\
 &:= 77 + 7 \times (7 + 7) - (7 + 7)/7 \\
 &:= 8 + 88 + 88 - 88/8 \\
 &:= 99/9 + 9 \times (9 + 9)
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 174 &:= (1 + 1) \times (111 - (1 + 1) \times (1 + 11)) \\
 &:= 2 \times 2 \times 2 \times 22 - 2 \\
 &:= 3 + (3 + 3) \times 3^3 + 3 \times 3 \\
 &:= 4 \times 44 - (4 + 4)/4 \\
 &:= 5 \times (5 \times 5 + 5 + 5) - 5/5 \\
 &:= 6 \times (6 \times 6 - 6) - 6 \\
 &:= 77 + 7 \times (7 + 7) - 7/7 \\
 &:= 8 \times 8 + (888 - 8)/8 \\
 &:= 9 \times (9 + 9) + (99 + 9)/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 175 &:= 11 \times (1 + 1)^{1+1+1+1} - 1 \\
 &:= 2 \times 2 \times 2 \times 22 - 2/2 \\
 &:= 333/3 + (3/3 + 3)^3 \\
 &:= 4 \times 44 - 4/4 \\
 &:= 5 \times (5 \times 5 + 5 + 5) \\
 &:= 6/6 + 6 \times (6 \times 6 - 6) - 6 \\
 &:= 77 + 7 \times (7 + 7) \\
 &:= 8 \times 8 + 888/8 \\
 &:= 9 \times (9 + 9) + (99 + 9 + 9)/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 176 &:= 11 \times (1 + 1)^{1+1+1+1} \\
 &:= 2 \times 2 \times 2 \times 22 \\
 &:= 3 + (3 + 3) \times 3^3 + 33/3 \\
 &:= 4 \times 44 \\
 &:= 5/5 + 5 \times (5 \times 5 + 5 + 5) \\
 &:= 66 + (666 - 6)/6 \\
 &:= 7/7 + 7 \times (7 + 7) + 77 \\
 &:= 88 + 88 \\
 &:= (9 - 9/9) \times (99 + 99)/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 177 &:= 1 + 11 \times (1 + 1)^{1+1+1+1} \\
 &:= 2 \times 2 \times 2 \times 22 + 2/2 \\
 &:= 3 \times (3^3 + 33) - 3 \\
 &:= 4 \times 44 + 4/4 \\
 &:= 55 + (555 + 55)/5 \\
 &:= 66 + 666/6 \\
 &:= 7 \times 7 + ((7 + 7)/7)^7 \\
 &:= 88 + 88 + 8/8 \\
 &:= 99 + 9 \times 9 - (9 + 9 + 9)/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 178 &:= (1 + 1) \times (111 - 11 - 11) \\
 &:= 2 + 2 \times 2 \times 2 \times 22 \\
 &:= 3/3 + 3 \times (3^3 + 33) - 3 \\
 &:= 4 \times 44 + (4 + 4)/4 \\
 &:= 55 + 5 \times 5 \times 5 - (5 + 5)/5 \\
 &:= 66 + (666 + 6)/6 \\
 &:= 7 + (7 \times 7 \times 7 \times 7 - 7)/(7 + 7) \\
 &:= 88 + 88 + 8 + 8/8 \\
 &:= 99 + 9 \times 9 - (9 + 9)/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 179 &:= 11 + (1 + 1 + 11)^{1+1} - 1 \\
 &:= 2 + (2 \times 2 \times 2 \times 22) + 2/2 \\
 &:= 3 \times (3^3 + 33) - 3/3 \\
 &:= 4 + 4 \times 44 - 4/4 \\
 &:= 55 + 5 \times 5 \times 5 - 5/5 \\
 &:= 6 \times (6 \times 6 - 6) - 6/6 \\
 &:= 7 + (7 \times 7 \times 7 \times 7 + 7)/(7 + 7) \\
 &:= 8 + (8/8 + 8) \times (88/8 + 8) \\
 &:= 99 + 9 \times 9 - 9/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 180 &:= 11 + (1 + 1 + 11)^{1+1} \\
 &:= 2 \times (2 \times 2 \times 22 + 2) \\
 &:= 3 \times (3^3 + 33) \\
 &:= 4 + 4 \times 44 \\
 &:= 55 + 5 \times 5 \times 5 \\
 &:= 6 \times (6 \times 6 - 6) \\
 &:= 77 + (777 - 7)/7 - 7 \\
 &:= 88 + 88 + 8 \times 8/(8 + 8) \\
 &:= 99 + 9 \times 9
 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 181 &:= 1 + 11 + (1 + 1 + 11)^{1+1} \\ &:= 2/2 + 2 \times (2 \times 2 \times 22 + 2) \\ &:= 3/3 + 3 \times (3^3 + 33) \\ &:= 4 + 4 \times 44 + 4/4 \\ &:= 55 + 5 \times 5 \times 5 + 5/5 \\ &:= 6/6 + 6 \times (6 \times 6 - 6) \\ &:= 77 - 7 + 777/7 \\ &:= 8 \times (8 + 8 + 8) + 88/8 \\ &:= 9/9 + 99 + 9 \times 9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 182 &:= (1 + 1 + 11) \times (1 + 1 + 1 + 11) \\ &:= 2 + 2 \times (2 \times 2 \times 22 + 2) \\ &:= (3 + 3)^3 - 33 - 3/3 \\ &:= 4 + 4 \times 44 + (4 + 4)/4 \\ &:= 55 + 5 \times 5 \times 5 + (5 + 5)/5 \\ &:= 6 \times (6 \times 6 - 6) + (6 + 6)/6 \\ &:= 7 + 77 + 7 \times (7 + 7) \\ &:= 8 + 8 \times 8 + (888 - 8)/8 \\ &:= 9 + 9 \times (9 + 9) + 99/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 183 &:= 1 + (1 + 1 + 11) \times (1 + 1 + 1 + 11) \\ &:= 2 \times 2 \times (2 \times 22 + 2) - 2/2 \\ &:= (3 + 3)^3 - 33 \\ &:= 4 + 4 + 4 \times 44 - 4/4 \\ &:= (5 - (5 + 5)/5)^5 - 55 - 5 \\ &:= 6 + 66 + 666/6 \\ &:= 7 + 77 + 7 \times (7 + 7) + 7/7 \\ &:= 8 + 8 \times 8 + 888/8 \\ &:= 9 \times 9 - 9 + 999/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 184 &:= (1 + 1) \times (11 + (11 - 1 - 1)^{1+1}) \\ &:= 2 \times 2 \times (2 \times 22 + 2) \\ &:= 3/3 + (3 + 3)^3 - 33 \\ &:= 4 + 4 + 4 \times 44 \\ &:= 5 + 55 + 5 \times 5 \times 5 - 5/5 \\ &:= 6 + 66 + (666 + 6)/6 \\ &:= 7 + 7 \times 7 + ((7 + 7)/7)^7 \\ &:= 8 + 88 + 88 \\ &:= 9 \times 9 - 9 + (999 + 9)/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 185 &:= (1 + 1 + 1 + 11)^{1+1} - 11 \\ &:= 2 \times 2 \times (2 \times 22 + 2) + 2/2 \\ &:= 3 + (3 + 3)^3 - 33 - 3/3 \\ &:= 4 + 4 + 4 \times 44 + 4/4 \\ &:= 5 + 55 + 5 \times 5 \times 5 \\ &:= 6 + 6 \times (6 \times 6 - 6) - 6/6 \\ &:= (7 + 7) \times (7 + 7) - 77/7 \\ &:= 8 + 88 + 88 + 8/8 \\ &:= 9 + (9 - 9/9) \times (99 + 99)/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 186 &:= ((1 + 1)^{11} - 1 - 1)/11 \\ &:= 2 + 2 \times 2 \times (2 \times 22 + 2) \\ &:= 3 + (3 + 3)^3 - 33 \\ &:= 4 \times 44 + (44 - 4)/4 \\ &:= 5 + 5 \times 5 \times 5 + 55 + 5/5 \\ &:= 6 + 6 \times (6 \times 6 - 6) \\ &:= 77 + 7 \times (7 + 7) + 77/7 \\ &:= 8 + 88 + 88 + (8 + 8)/8 \\ &:= 99 + 99 - (99 + 9)/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 187 &:= 1 + ((1 + 1)^{11} - 1 - 1)/11 \\ &:= 2 \times 2 \times 2 \times 22 + 22/2 \\ &:= 33 \times (3 + 3) - 33/3 \\ &:= 4 \times 44 + 44/4 \\ &:= 55/5 \times ((55 + 5)/5 + 5) \\ &:= 6 + 6 \times (6 \times 6 - 6) + 6/6 \\ &:= 77 + (777 - 7)/7 \\ &:= 88 + 88 + 88/8 \\ &:= 99 + 99 - 99/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 188 &:= 1 + 1 + ((1 + 1)^{11} - 1 - 1)/11 \\ &:= 2 \times (2 \times (2 \times 22 + 2) + 2) \\ &:= (3 + 3)^3 - 3^3 - 3/3 \\ &:= 444 - 4^4 \\ &:= (5 - (5 + 5)/5)^5 - 55 \\ &:= 6 + 6 \times (6 \times 6 - 6) + (6 + 6)/6 \\ &:= 77 + 777/7 \\ &:= 88 + 88 + (88 + 8)/8 \\ &:= 9 + 99 + 9 \times 9 - 9/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 189 &:= (11 - 1 - 1) \times (11 + 11 - 1) \\ &:= ((22 - 2)^2 - 22)/2 \\ &:= (3 + 3)^3 - 3^3 \\ &:= 4/4 + 444 - 4^4 \\ &:= 5 \times (55 + 5) - 555/5 \\ &:= 66 + 6 + 6 + 666/6 \\ &:= (7 + 7) \times (7 + 7) - 7 \\ &:= 8 + 8 \times (8 + 8 + 8) - 88/8 \\ &:= 9 + 99 + 9 \times 9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 190 &:= (11 - 1) \times ((1 + 1) \times (11 - 1) - 1) \\ &:= 222 - 2 \times 2^{2+2} \\ &:= 3/3 + (3 + 3)^3 - 3^3 \\ &:= 4^4 - (4^4 + 4 + 4)/4 \\ &:= 5 + 5 \times 5 \times 5 + 55 + 5 \\ &:= (6 - 6/6) \times ((6 + 6)/6 + 6 \times 6) \\ &:= 7/7 + (7 + 7) \times (7 + 7) - 7 \\ &:= 8 \times (8 + 8 + 8) - (8 + 8)/8 \\ &:= 9 + 99 + 9 \times 9 + 9/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 191 &:= 1 + (11 - 1) \times ((1 + 1) \times (11 - 1) - 1) \\ &:= 22 + (22/2 + 2)^2 \\ &:= 3 \times (3/3 + 3)^3 - 3/3 \\ &:= 4^4 - (4^4 + 4)/4 \\ &:= 5 \times 5 + 55 + 555/5 \\ &:= 6 \times (6 \times 6 - 6) + 66/6 \\ &:= 7 + ((7 + 7)/7)^7 + 7 \times 7 + 7 \\ &:= 8 \times (8 + 8 + 8) - 8/8 \\ &:= 99 + 9 \times 9 + 99/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 192 &:= 111 + (11 - 1 - 1)^{1+1} \\ &:= 2 \times 2 \times 2 \times (22 + 2) \\ &:= 3 \times (3/3 + 3)^3 \\ &:= 4 \times (44 + 4) \\ &:= (5/5 + 5) \times ((5 + 5)/5)^5 \\ &:= 6 + 6 \times (6 \times 6 - 6) + 6 \\ &:= 7 + (7 + 7) \times (7 + 7) - 77/7 \\ &:= 8 \times (8 + 8 + 8) \\ &:= 9 \times 9 + 999/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 193 &:= 1 + 111 + (11 - 1 - 1)^{1+1} \\ &:= 2 + (22/2 + 2)^2 + 22 \\ &:= 3/3 + 3 \times (3/3 + 3)^3 \\ &:= 4 \times (44 + 4) + 4/4 \\ &:= 5 + (5 - (5 + 5)/5)^5 - 55 \\ &:= 6 + 6 + 6 \times (6 \times 6 - 6) + 6/6 \\ &:= (7 + 7) \times (7 + 7) - (7 + 7 + 7)/7 \\ &:= 8/8 + 8 \times (8 + 8 + 8) \\ &:= 9 \times 9 + (999 + 9)/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 194 &:= (1 + 1 + 1 + 11)^{1+1} - 1 - 1 \\ &:= (2^{2+2} - 2)^2 - 2 \\ &:= 33 \times (3 + 3) - 3 - 3/3 \\ &:= 4^4 + (4 - 4^4 + 4)/4 \\ &:= 5 \times 5 \times (5 + 5) - 55 - 5/5 \\ &:= 66 + ((6 + 6)/6)^{6/6+6} \\ &:= (7 + 7) \times (7 + 7) - (7 + 7)/7 \\ &:= (8 + 8)/8 + 8 \times (8 + 8 + 8) \\ &:= 9 \times 9 + (999 + 9 + 9)/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 195 &:= (1 + 1 + 1 + 11)^{1+1} - 1 \\ &:= (2^{2+2} - 2)^2 - 2/2 \\ &:= 33 \times (3 + 3) - 3 \\ &:= 4 + 4^4 - (4^4 + 4)/4 \\ &:= 5 \times 5 \times (5 + 5) - 55 \\ &:= (6 \times 66 - 6) \times 6/(6 + 6) \\ &:= (7 + 7) \times (7 + 7) - 7/7 \\ &:= 8 + 88 + 88 + 88/8 \\ &:= 99 + 99 - (9 + 9 + 9)/9 \end{aligned}$$

$$\begin{aligned}
\blacktriangleright 196 &:= (1+1+1+11)^{1+1} \\
&:= (2^{2+2} - 2)^2 \\
&:= 3/3 + 33 \times (3+3) - 3 \\
&:= 4+4 \times (44+4) \\
&:= 5/5 + 5 \times 5 \times (5+5) - 55 \\
&:= 66+66 + ((6+6)/6)^6 \\
&:= (7+7) \times (7+7) \\
&:= 8 \times (8+8+8) + 8 \times 8/(8+8) \\
&:= 99+99 - (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 197 &:= 1 + (1+1+1+11)^{1+1} \\
&:= 2/2 + (2^{2+2} - 2)^2 \\
&:= 33 \times (3+3) - 3/3 \\
&:= 4+4^4 + (4-4^4)/4 \\
&:= 5 + (5/5+5) \times ((5+5)/5)^5 \\
&:= (66 \times (6+6+6) - 6)/6 \\
&:= 7/7 + (7+7) \times (7+7) \\
&:= 88 + (888 - 8 - 8)/8 \\
&:= 99+99 - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 198 &:= (1+1) \times 11 \times (11-1-1) \\
&:= 2 + (2^{2+2} - 2)^2 \\
&:= 33 \times (3+3) \\
&:= 4+4^4 + (4-4^4+4)/4 \\
&:= (5+5) \times (5 \times 5 - 5) - (5+5)/5 \\
&:= 6 \times 66 \times 6/(6+6) \\
&:= 77 + ((7+7)/7)^7 - 7 \\
&:= 88 + (888 - 8)/8 \\
&:= 99+99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 199 &:= (1+1) \times (11-1)^{1+1} - 1 \\
&:= ((22-2)^2 - 2)/2 \\
&:= 3/3 + 33 \times (3+3) \\
&:= 4+4+4^4 - (4^4+4)/4 \\
&:= (5+5) \times (5 \times 5 - 5) - 5/5 \\
&:= 6 \times 6 \times 6 - 6 - 66/6 \\
&:= 77 + (777+77)/7 \\
&:= 88+888/8 \\
&:= 99+99+9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 200 &:= (1+1) \times (11-1)^{1+1} \\
&:= 222 - 22 \\
&:= 3+33 \times (3+3) - 3/3 \\
&:= 4+4+4 \times (44+4) \\
&:= (5+5) \times (5 \times 5 - 5) \\
&:= 6 \times 6 \times 6 - 6 + (6-66)/6 \\
&:= (7+7) \times (7+7) - 7 + 77/7 \\
&:= 8+8 \times (8+8+8) \\
&:= 99+99 + (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 201 &:= 1 + (1+1) \times (11-1)^{1+1} \\
&:= ((22-2)^2 + 2)/2 \\
&:= 3+33 \times (3+3) \\
&:= 4^4 - 44 - 44/4 \\
&:= 5/5 + (5+5) \times (5 \times 5 - 5) \\
&:= (6 \times 66 + 6) \times 6/(6+6) \\
&:= 7 + (7+7) \times (7+7) - (7+7)/7 \\
&:= 8+8 \times (8+8+8) + 8/8 \\
&:= 9+9 \times 9 + 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 202 &:= (1+1) \times (1 + (11-1)^{1+1}) \\
&:= 2 + 222 - 22 \\
&:= 3+33 \times (3+3) + 3/3 \\
&:= 4^4 + (4-44)/4 - 44 \\
&:= (5+5)/5 + (5+5) \times (5 \times 5 - 5) \\
&:= 6 \times 6 \times 6 - 6 - 6 - (6+6)/6 \\
&:= 7 + (7+7) \times (7+7) - 7/7 \\
&:= 8+8 \times (8+8+8) + (8+8)/8 \\
&:= 9+9 \times 9 + (999+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 203 &:= 1 + (1+1) \times (1 + (11-1)^{1+1}) \\
&:= 2 + ((22-2)^2 + 2)/2 \\
&:= 3+3+33 \times (3+3) - 3/3 \\
&:= 4^4 + (44-4^4)/4 \\
&:= (5^5 - 5)/(5+5+5) - 5 \\
&:= 6 \times 6 \times 6 - 6 - 6 - 6/6 \\
&:= 7 + (7+7) \times (7+7) \\
&:= 8 \times (8+8+8) + 88/8 \\
&:= 9 \times 9 + (999+99)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 204 &:= (1+1) \times (1+1 + (11-1)^{1+1}) \\
&:= 2+2+222-22 \\
&:= 3+33 \times (3+3) + 3 \\
&:= 44+4 \times (44-4) \\
&:= 5 + (5+5) \times (5 \times 5 - 5) - 5/5 \\
&:= 6 \times 6 \times 6 - 6 - 6 \\
&:= 7 + (7+7) \times (7+7) + 7/7 \\
&:= (88+8)/8 + 8 \times (8+8+8) \\
&:= (999/9 - 9) \times (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 205 &:= (1+1 + (1+1)^{11})/(11-1) \\
&:= 2+2 + ((22-2)^2 + 2)/2 \\
&:= (3+3)^3 - 33/3 \\
&:= ((4+4)^4 + 4)/(4 \times 4 + 4) \\
&:= 5 + (5+5) \times (5 \times 5 - 5) \\
&:= 6 \times 6 \times 6 - 66/6 \\
&:= 77 + ((7+7)/7)^7 \\
&:= 88+8 \times (8+8) - 88/8 \\
&:= 9+99+99 - (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 206 &:= 1 + (1+1 + (1+1)^{11})/(11-1) \\
&:= 222 - 2^{2+2} \\
&:= (3+3)^3 + (3-33)/3 \\
&:= 4^4 + 44 + 4 - (4+4)/4 \\
&:= 5 + (5+5) \times (5 \times 5 - 5) + 5/5 \\
&:= 6 \times 6 \times 6 + (6-66)/6 \\
&:= 77 + 7/7 + ((7+7)/7)^7 \\
&:= 8+88 + (888-8)/8 \\
&:= 9+99+99 - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 207 &:= 11 + (1+1+1+11)^{1+1} \\
&:= 2/2 + 222 - 2^{2+2} \\
&:= (3+3)^3 - 3 \times 3 \\
&:= 4^4 - 4 - 44 - 4/4 \\
&:= (5^5 - 5 \times 5 + 5)/(5+5+5) \\
&:= 6 + (6 \times 66 + 6) \times 6/(6+6) \\
&:= (7+7) \times (7+7) + 77/7 \\
&:= 8+88+888/8 \\
&:= 9+99+99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 208 &:= (1+1) \times (111-1) - 1 - 11 \\
&:= 2 + 222 - 2^{2+2} \\
&:= 3 + (3+3)^3 - 33/3 \\
&:= 4 \times (44+4+4) \\
&:= (5^5 - 5)/(5+5+5) \\
&:= 6 \times 6 \times 6 - 6 - (6+6)/6 \\
&:= 7 \times (7+7) + (777-7)/7 \\
&:= 8+8+8 \times (8+8+8) \\
&:= 9+99+99+9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 209 &:= 11 \times ((1+1) \times (11-1) - 1) \\
&:= 222 - 22/2 - 2 \\
&:= 33/3 + 33 \times (3+3) \\
&:= 4/4 + 4 \times (44+4+4) \\
&:= (5^5 + 5+5)/(5+5+5) \\
&:= 6 \times 6 \times 6 - 6/6 - 6 \\
&:= 7 \times (7+7) + 777/7 \\
&:= 88/8 \times (88/8+8) \\
&:= 99+99+99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 210 &:= (11-1) \times (11+11-1) \\
&:= 222 - 2 \times (2+2+2) \\
&:= (3+3)^3 - 3 - 3 \\
&:= 4^4 - 44 - (4+4)/4 \\
&:= 5 + (5+5) \times (5 \times 5 - 5) + 5 \\
&:= 6 \times 6 \times 6 - 6 \\
&:= 7+7 + (7+7) \times (7+7) \\
&:= 88 + (888+88)/8 \\
&:= 99+999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 211 &:= (1+1) \times 111 - 11 \\
&:= 222 - 22/2 \\
&:= 3/3 + (3+3)^3 - 3 - 3 \\
&:= 4^4 - 44 - 4/4 \\
&:= 55 + (5^5 - 5)/(5 \times 5 - 5) \\
&:= 6 \times 6 \times 6 - 6 + 6/6 \\
&:= 7 + 7 + (7+7) \times (7+7) + 7/7 \\
&:= 8 + 8 \times (8+8+8) + 88/8 \\
&:= 99 + (999+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 212 &:= 1 + (1+1) \times 111 - 11 \\
&:= 222 + ((2-22)/2) \\
&:= (3+3)^3 - (3/3+3) \\
&:= 4^4 - 44 \\
&:= (55 + 5^5)/(5+5+5) \\
&:= 6 \times 6 \times 6 - 6 + (6+6)/6 \\
&:= 77 + 7 + ((7+7)/7)^7 \\
&:= (8 \times 8 \times 8 - 88) \times 8/(8+8) \\
&:= 99 + (999+9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 213 &:= (1+1) \times (1+111) - 11 \\
&:= 2 + 222 - 22/2 \\
&:= (3+3)^3 - 3 \\
&:= 4^4 - 44 + 4/4 \\
&:= 5 + (5^5 - 5)/(5+5+5) \\
&:= 6 \times 6 \times 6 - 6 \times 6/(6+6) \\
&:= 7 + 77 + ((7+7)/7)^7 + 7/7 \\
&:= 8 + 88 + 8 \times (8+8) - 88/8 \\
&:= (9+9) \times (9+9) - 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 214 &:= 1 + (1+1) \times (1+111) - 11 \\
&:= 222 - 2 \times (2+2) \\
&:= 3/3 + (3+3)^3 - 3 \\
&:= 4^4 - 44 + (4+4)/4 \\
&:= 5 + (5^5 + 5+5)/(5+5+5) \\
&:= 6 \times 6 \times 6 - (6+6)/6 \\
&:= 7 + (7+7) \times (7+7) + 77/7 \\
&:= 88 + 8 \times (8+8) - (8+8)/8 \\
&:= (9+9)/9 \times (99+9-9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 215 &:= (1+1) \times (1+1+111) - 11 \\
&:= 2 + 2 + 222 - 22/2 \\
&:= (3+3)^3 - 3/3 \\
&:= 4 + 4^4 - 44 - 4/4 \\
&:= 5 \times 55 - 55 - 5 \\
&:= 6 \times 6 \times 6 - 6/6 \\
&:= 7 \times 7 \times 7 - ((7+7)/7)^7 \\
&:= 88 + 8 \times (8+8) - 8/8 \\
&:= ((9+9) \times (99+9) - 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 216 &:= (1+1) \times (111 - (1+1+1)) \\
&:= (2+2+2)^{2/2+2} \\
&:= (3+3)^3 \\
&:= 4 + 4^4 - 44 \\
&:= (5-5/5) \times (55-5/5) \\
&:= 6 \times 6 \times 6 \\
&:= (7-7/7)^{(7+7+7)/7} \\
&:= 88 + 8 \times (8+8) \\
&:= 9+9+99+99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 217 &:= (1+1) \times (111 - 1 - 1) - 1 \\
&:= 222 - 2 - 2 - 2/2 \\
&:= (3+3)^3 + 3/3 \\
&:= 4 + 4^4 - 44 + 4/4 \\
&:= 5 + (55 + 5^5)/(5+5+5) \\
&:= 6/6 + 6 \times 6 \times 6 \\
&:= 7 \times (7 \times 7 - 7) - 77 \\
&:= 8/8 + 8 \times (8+8) + 88 \\
&:= 9 \times 9 \times 9 - ((9+9)/9)^9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 218 &:= (1+1) \times (111 - 1 - 1) \\
&:= 222 - 2 - 2 \\
&:= 3 + (3+3)^3 - 3/3 \\
&:= 444 \times 4/(4+4) - 4 \\
&:= (5 - (5+5)/5)^5 - 5 \times 5 \\
&:= 6 \times 6 \times 6 + (6+6)/6 \\
&:= 7/7 + 7 \times (7 \times 7 - 7) - 77 \\
&:= 88 + 8 \times (8+8) + (8+8)/8 \\
&:= 9 + 99 + 99 + 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 219 &:= (1+1) \times (111 - 1) - 1 \\
&:= 222 - 2/2 - 2 \\
&:= 3 + (3+3)^3 \\
&:= 44 + 4 \times 44 - 4/4 \\
&:= 5 \times 55 - 55 - 5/5 \\
&:= 6 \times 6 \times 6 + 6 \times 6/(6+6) \\
&:= 77 + 7 + 7 + ((7+7)/7)^7 \\
&:= 8 + 8 + 8 \times (8+8+8) + 88/8 \\
&:= 9 + 99 + 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 220 &:= (1+1) \times (111 - 1) \\
&:= 222 - 2 \\
&:= 3 + (3+3)^3 + 3/3 \\
&:= 44 + 4 \times 44 \\
&:= 55 \times (5-5/5) \\
&:= 6 + 6 \times 6 \times 6 - (6+6)/6 \\
&:= 77/7 \times (7-7/7+7+7) \\
&:= (8+8) \times (888-8)/(8 \times 8) \\
&:= 99/9 \times (99/9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 221 &:= (1+1) \times 111 - 1 \\
&:= 222 - 2/2 \\
&:= 3 + (3+3)^3 - 3/3 + 3 \\
&:= 44 + 4 \times 44 + 4/4 \\
&:= 55 \times (5-5/5) + 5/5 \\
&:= 6 + (6 \times 6 \times 6 - 6/6) \\
&:= (777 + 777 - 7)/7 \\
&:= (888 - 8 + 888)/8 \\
&:= 99 + (999+99)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 222 &:= (1+1) \times 111 \\
&:= 222 \\
&:= 3 + (3+3)^3 + 3 \\
&:= 444 \times 4/(4+4) \\
&:= (5+5) \times 555/(5 \times 5) \\
&:= 6 + 6 \times 6 \times 6 \\
&:= ((7+7)/7) \times 777/7 \\
&:= (8+8) \times 888/(8 \times 8) \\
&:= (9+9) \times 999/(9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 223 &:= 1 + (1+1) \times 111 \\
&:= 2/2 + 222 \\
&:= 3 + (3+3)^3 + 3/3 + 3 \\
&:= 4^4 + 44/4 - 44 \\
&:= 5 + (5 - (5+5)/5)^5 - 5 \times 5 \\
&:= 6 + 6 \times 6 \times 6 + 6/6 \\
&:= 7 + (7-7/7)^{(7+7+7)/7} \\
&:= 8 + 88 + 8 \times (8+8) - 8/8 \\
&:= 9 \times (9+9+9) - 99/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 224 &:= (1+1) \times (1+111) \\
&:= 2 + 222 \\
&:= 3 \times 3 + ((3+3)^3 - 3/3) \\
&:= 4^4 - 4 \times (4+4) \\
&:= (5-5/5) \times (55+5/5) \\
&:= 6 + 6 \times 6 \times 6 + (6+6)/6 \\
&:= 77 + 7 \times (7+7+7) \\
&:= 8 + 8 \times (8+8) + 88 \\
&:= 9 + ((9+9) \times (99+9) - 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 225 &:= 1 + (1+1) \times (1+111) \\
&:= 2 + 222 + 2/2 \\
&:= 3 \times 3 + (3+3)^3 \\
&:= 4/4 + 4^4 - 4 \times (4+4) \\
&:= 5 \times (55 - 5 - 5) \\
&:= 6 + 6 \times 6/(6+6) + 6 \times 6 \times 6 \\
&:= (7/7 + 7 + 7)^{(7+7)/7} \\
&:= (8-8/8+8)^{(8+8)/8} \\
&:= (9+9) \times (9+9) - 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 226 &:= (1+1) \times (1+1+111) \\
&:= 2+222+2 \\
&:= 3 \times 3 + (3+3)^3 + 3/3 \\
&:= 4+444 \times 4/(4+4) \\
&:= 5/5+5 \times (55-5-5) \\
&:= 6 \times 6 \times 6 + (66-6)/6 \\
&:= 7 \times (7+7) + ((7+7)/7)^7 \\
&:= 8+8 \times (8+8) + (8+8)/8+88 \\
&:= 9+9 \times 9 \times 9 - ((9+9)/9)^9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 227 &:= 1 + (1+1) \times (1+1+111) \\
&:= 2+2+222+2/2 \\
&:= (3+3)^3 + 33/3 \\
&:= 4-44+4^4+44/4 \\
&:= 5+(5+5) \times 555/(5 \times 5) \\
&:= 6 \times 6 \times 6 + 66/6 \\
&:= 7+77/7 \times (7-7/7+7+7) \\
&:= 88+8 \times (8+8) + 88/8 \\
&:= ((9+9) \times (99+9) + 99)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 228 &:= (1+1) \times (1+1+1+111) \\
&:= 2+222+2+2 \\
&:= 3+(3+3)^3+3 \times 3 \\
&:= 4+4^4-4 \times (4+4) \\
&:= (5-5/5) \times ((5+5)/5+55) \\
&:= 6+6+6 \times 6 \times 6 \\
&:= (7-7/7) \times (7 \times 7-77/7) \\
&:= (88/8+8) \times (88+8)/8 \\
&:= 9+99+9+999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 229 &:= 1 + (1+1) \times (1+1+1+111) \\
&:= (22^2-22)/2-2 \\
&:= (3^{3+3}-33)/3-3 \\
&:= 4^4-44/4-4 \times 4 \\
&:= 5+(5-5/5) \times (55+5/5) \\
&:= 6+6 \times 6 \times 6 + 6/6+6 \\
&:= 7+(7+7) \times 777/(7 \times 7) \\
&:= 8+(888+888-8)/8 \\
&:= 9+99/9 \times (9+99/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 230 &:= (11-1) \times (1+11+11) \\
&:= 222+2 \times (2+2) \\
&:= 3+(3+3)^3+33/3 \\
&:= 4+4+444 \times 4/(4+4) \\
&:= 5+5 \times (55-5-5) \\
&:= 6+6+6 \times 6 \times 6 + (6+6)/6 \\
&:= (77 \times (7+7+7) - 7)/7 \\
&:= 8+(8+8) \times 888/(8 \times 8) \\
&:= 9+99+(999+99)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 231 &:= 11 \times (11+11-1) \\
&:= (22^2-22)/2 \\
&:= 33+33 \times (3+3) \\
&:= 44+4 \times 44+44/4 \\
&:= 5+5 \times (55-5-5) + 5/5 \\
&:= 66 \times (6 \times 6+6)/(6+6) \\
&:= 77+77+77 \\
&:= 8 \times (8+8) + 888/8-8 \\
&:= 9+(9+9) \times 999/(9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 232 &:= 111+11^{1+1} \\
&:= 2+222+2 \times (2+2) \\
&:= (3^{3+3}-33)/3 \\
&:= 4^4-4 \times 4-4-4 \\
&:= (5+5)/5 \times (555/5+5) \\
&:= 6+6 \times 6 \times 6 + (66-6)/6 \\
&:= 7 \times 7 \times 7-777/7 \\
&:= 88+8+8+8 \times (8+8) \\
&:= 9 \times (9+9+9) - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 233 &:= 11+(1+1) \times 111 \\
&:= 222+22/2 \\
&:= 3 \times (3 \times 3^3-3) - 3/3 \\
&:= 4+4^4-4 \times 4-44/4 \\
&:= (5-(5+5)/5)^5 - 5-5 \\
&:= 6+6 \times 6 \times 6 + 66/6 \\
&:= 7+7 \times (7+7) + ((7+7)/7)^7 \\
&:= 8+(8+8-8/8)^{(8+8)/8} \\
&:= 9 \times (9+9+9) - 9/9-9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 234 &:= 1+11+(1+1) \times 111 \\
&:= 2^{2 \times (2+2)} - 22 \\
&:= 3 \times (3 \times 3^3-3) \\
&:= 4^4-44 \times 4/(4+4) \\
&:= (5-5/5+5) \times (5 \times 5+5/5) \\
&:= 6+6 \times 6 \times 6 + 6+6 \\
&:= (77+7/7) \times (7+7+7)/7 \\
&:= (8 \times (8+8) - 88/8) \times (8+8)/8 \\
&:= 9 \times (9+9+9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 235 &:= 11+(1+1) \times (1+111) \\
&:= 2+222+22/2 \\
&:= 3+(3^{3+3}-33)/3 \\
&:= 4^4-4-4 \times 4-4/4 \\
&:= 5+5+5 \times (55-5-5) \\
&:= 6+6+6+6 \times 6 \times 6 + 6/6 \\
&:= 7+(7-7/7) \times (7 \times 7-77/7) \\
&:= (8 \times 8 \times 88+8)/(8+8+8) \\
&:= 9/9+(9 \times (9+9+9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 236 &:= 1+11+(1+1) \times (1+111) \\
&:= 2+2^{2 \times (2+2)} - 22 \\
&:= (3^{3+3}-3)/3-3-3 \\
&:= 4^4-4 \times 4-4 \\
&:= 5 \times 5 \times 5 + 555/5 \\
&:= 66 \times 66/(6+6+6) - 6 \\
&:= (7+777/7) \times (7+7)/7 \\
&:= 8+(88/8+8) \times (88+8)/8 \\
&:= 9 \times (9+9+9) - 9 + (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 237 &:= 11+(1+1) \times (1+1+111) \\
&:= (22^2-2)/2-2-2 \\
&:= 3+3 \times (3 \times 3^3-3) \\
&:= 4/4+4^4-(4 \times 4+4) \\
&:= 5 \times 5 \times 5 + (555+5)/5 \\
&:= 6+66 \times (6 \times 6+6)/(6+6) \\
&:= 7+(77 \times (7+7+7) - 7)/7 \\
&:= (8+8) \times (8+8) - 88/8-8 \\
&:= 99+9+9+9+999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 238 &:= (1+1) \times (11^{1+1}-1-1) \\
&:= 2 \times ((22/2)^2-2) \\
&:= (3^{3+3}+3)/3-3-3 \\
&:= 4^4-4 \times 4-(4+4)/4 \\
&:= (5-(5+5)/5)^5 - 5 \\
&:= 6 \times 6 \times 6 + (66+66)/6 \\
&:= 777-7 \times 77 \\
&:= 8 \times (8+8) + (888-8)/8 \\
&:= ((9+9)/9)^{9-9/9} - 9-9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 239 &:= (1+1) \times (11^{1+1}-1)-1 \\
&:= (22^2-2)/2-2 \\
&:= (3^{3+3}-3)/3-3 \\
&:= 4^4-4 \times 4-4/4 \\
&:= 5 \times 5 \times (5+5) - 55/5 \\
&:= 6+6+6 \times 6 \times 6 + 66/6 \\
&:= 7+7 \times 7 \times 7-777/7 \\
&:= 8 \times (8+8) + 888/8 \\
&:= 9 \times (9+9+9) + ((9-9 \times 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 240 &:= (1+1) \times (11^{1+1}-1) \\
&:= 22^2/2-2 \\
&:= 3 \times 3 \times 3^3-3 \\
&:= 4^4-4 \times 4 \\
&:= (5+5) \times (5 \times 5-5/5) \\
&:= 6 \times (6 \times 6+6) - 6-6 \\
&:= (7-(7+7)/7) \times (7 \times 7-7/7) \\
&:= 8 \times 8+88+88 \\
&:= (999/9+9) \times (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 241 &:= (1+1) \times 11^{1+1} - 1 \\
&:= (22^2 - 2)/2 \\
&:= (3^{3+3} + 3)/3 - 3 \\
&:= 4/4 + 4^4 - 4 \times 4 \\
&:= 5 + 555/5 + 5 \times 5 \times 5 \\
&:= 6 \times (6 \times 6 + 6) - 66/6 \\
&:= 7 + (7/7 + 77) \times (7 + 7 + 7)/7 \\
&:= 8/8 + 8 \times 8 + 88 + 88 \\
&:= 9 \times (9 + 9 + 9) - (9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 242 &:= (1+1) \times 11^{1+1} \\
&:= 22^2/2 \\
&:= (3^{3+3} - 3)/3 \\
&:= 44 \times 44/(4+4) \\
&:= (5 - (5+5)/5)^5 - 5/5 \\
&:= 66 \times 66/(6+6+6) \\
&:= 77/7 \times (7+7+7+7/7) \\
&:= 88 \times (88+88)/(8 \times 8) \\
&:= 9 \times (9+9+9) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 243 &:= 1 + (1+1) \times 11^{1+1} \\
&:= (22^2 + 2)/2 \\
&:= 3 \times 3 \times 3^3 \\
&:= (4 - 4/4)^{4/4+4} \\
&:= (5 - (5+5)/5)^5 \\
&:= (6 \times 6/(6+6))^{6-6/6} \\
&:= ((7+7+7)/7)^{7-(7+7)/7} \\
&:= (8+8/8) \times (8+8+88/8) \\
&:= 9 \times (9+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 244 &:= (1+1) \times (1+11^{1+1}) \\
&:= 2 + 22^2/2 \\
&:= (3^{3+3} + 3)/3 \\
&:= 4 + 4^4 - 4 \times 4 \\
&:= 5/5 + (5 - (5+5)/5)^5 \\
&:= ((6+6)/6)^6 + 6 \times (6 \times 6 - 6) \\
&:= 7 \times (7 \times 7 - 7 - 7) - 7/7 \\
&:= (8+8) \times (8+8) - (88+8)/8 \\
&:= 9 \times (9+9+9) + 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 245 &:= 1 + (1+1) \times (1+11^{1+1}) \\
&:= 2 + (22^2 + 2)/2 \\
&:= 3 + (3^{3+3} - 3)/3 \\
&:= 4^4 - 44/4 \\
&:= 5 \times 5 \times (5+5) - 5 \\
&:= (6+6/6) \times (6 \times 6 - 6/6) \\
&:= 7 \times (7 \times 7 - 7 - 7) \\
&:= (8+8) \times (8+8) - 88/8 \\
&:= 9 \times (9+9+9) + (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 246 &:= (1+1) \times (1+1+11^{1+1}) \\
&:= 2 + 22^2/2 + 2 \\
&:= 3 + 3 \times 3 \times 3^3 \\
&:= 4^4 + (4 - 44)/4 \\
&:= 5/5 + 5 \times 5 \times (5+5) - 5 \\
&:= 6 \times (6 \times 6 + 6) - 6 \\
&:= 7/7 + 7 \times (7 \times 7 - 7 - 7) \\
&:= (8+8) \times (8+8) + (8 - 88)/8 \\
&:= 9 \times (9+9+9) + (9+9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 247 &:= 1 + (1+1) \times (1+1+11^{1+1}) \\
&:= 2 + (22^2 + 2)/2 + 2 \\
&:= 3 + (3^{3+3} + 3)/3 \\
&:= 4^4 - 4/4 - 4 - 4 \\
&:= 5 + (5 - (5+5)/5)^5 - 5/5 \\
&:= 6/6 + 6 \times (6 \times 6 + 6) - 6 \\
&:= (7+7)/7 + 7 \times (7 \times 7 - 7 - 7) \\
&:= (8+8) \times (8+8) - 8 - 8/8 \\
&:= ((9+9)/9)^{9-9/9} - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 248 &:= (1+1) \times (1+1+1+11^{1+1}) \\
&:= 2 + 22^2/2 + 2 + 2 \\
&:= 3 + (3^{3+3} - 3)/3 + 3 \\
&:= 4^4 - 4 - 4 \\
&:= 5 + (5 - (5+5)/5)^5 \\
&:= 6 + 66 \times 66/(6+6+6) \\
&:= 77 + (7 \times 7 \times 7 \times 7 - 7)/(7+7) \\
&:= (8+8) \times (8+8) - 8 \\
&:= 9/9 + ((9+9)/9)^{9-9/9} - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 249 &:= 1 + (1+1) \times (1+1+1+11^{1+1}) \\
&:= 2 + (22^2 + 2)/2 + 2 + 2 \\
&:= 33 + (3+3)^3 \\
&:= 4 + 4^4 - 44/4 \\
&:= 5 \times 5 \times (5+5) - 5/5 \\
&:= 6 + (6 \times 6/(6+6))^{6-6/6} \\
&:= ((7+7)/7)^{7/7+7} - 7 \\
&:= 8/8 + (8+8) \times (8+8) - 8 \\
&:= 9 + (999/9 + 9) \times (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 250 &:= (11-1) \times (1+(1+1) \times (1+11)) \\
&:= 2 \times ((22/2)^2 + 2 + 2) \\
&:= 3 + 3 + (3^{3+3} + 3)/3 \\
&:= 4^4 - 4 - (4+4)/4 \\
&:= 5 \times 5 \times (5+5) \\
&:= 6 \times (6 \times 6 + 6) - (6+6)/6 \\
&:= (7 - (7+7)/7) \times (7 \times 7 + 7/7) \\
&:= (8+8) \times (8+8) + (8+8)/8 - 8 \\
&:= 9 + 9 \times (9+9+9) - (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 251 &:= 11 + (1+1) \times (11^{1+1} - 1) \\
&:= (22^2 + 22)/2 - 2 \\
&:= 3 \times 3 + (3^{3+3} - 3)/3 \\
&:= 4^4 - 4/4 - 4 \\
&:= 5/5 + 5 \times 5 \times (5+5) \\
&:= 6 \times (6 \times 6 + 6) - 6/6 \\
&:= 7 + 7 \times (7 \times 7 - 7 - 7) - 7/7 \\
&:= 8 + (8/8 + 8) \times (88/8 + 8 + 8) \\
&:= 9 + 9 \times (9+9+9) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 252 &:= (1+11) \times (11+11-1) \\
&:= 2^{2 \times (2+2)} - 2 - 2 \\
&:= 3 \times (3 \times 3^3 + 3) \\
&:= 4^4 - 4 \\
&:= (5+5)/5 + 5 \times 5 \times (5+5) \\
&:= 6 \times (6 \times 6 + 6) \\
&:= 7 + 7 \times (7 \times 7 - 7 - 7) \\
&:= (8 \times 8 \times 8 - 8) \times 8/(8+8) \\
&:= 9 + 9 \times (9+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 253 &:= 11 \times (1+11+11) \\
&:= (22^2 + 22)/2 \\
&:= 3 \times 3 + (3^{3+3} + 3)/3 \\
&:= 4/4 + 4^4 - 4 \\
&:= 5 + 5 + (5 - (5+5)/5)^5 \\
&:= 6/6 + 6 \times (6 \times 6 + 6) \\
&:= 7 + 7 \times (7 \times 7 - 7 - 7) + 7/7 \\
&:= 8 + (8+8) \times (8+8) - 88/8 \\
&:= 9 + 9 \times (9+9+9) + 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 254 &:= 1 + 11 \times (1+11+11) \\
&:= 2^{2 \times (2+2)} - 2 \\
&:= (3^{3+3} + 33)/3 \\
&:= 4^4 - (4+4)/4 \\
&:= 5 + 5 \times 5 \times (5+5) - 5/5 \\
&:= (6+6)/6 + 6 \times (6 \times 6 + 6) \\
&:= 77 + ((7+7)/7)^7 + 7 \times 7 \\
&:= (8+8) \times (8+8) - (8+8)/8 \\
&:= 99/9 + 9 \times (9+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 255 &:= 111 + (1+11)^{1+1} \\
&:= 2^{2 \times (2+2)} - 2/2 \\
&:= 3 + 3 \times (3 \times 3^3 + 3) \\
&:= 4^4 - 4/4 \\
&:= 5 + 5 \times 5 \times (5+5) \\
&:= 6 \times (6 \times 6 + 6) + 6 \times 6/(6+6) \\
&:= 7 \times 7 \times 7 - 77/7 - 77 \\
&:= (8+8) \times (8+8) - 8/8 \\
&:= 9 \times (9+9+9) + (99+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 256 &:= (1+1)^{(1+1)^{1+1+1}} \\
&:= 2^{2 \times (2+2)} \\
&:= (3/3+3)^{3/3+3} \\
&:= 4^4 \\
&:= (5-5/5)^{5-5/5} \\
&:= ((6+6)/6)^{(6+6)/6+6} \\
&:= ((7+7)/7)^{7/7+7} \\
&:= (8+8) \times (8+8) \\
&:= ((9+9)/9)^{9-9/9}
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 257 &:= 1 + (1+1)^{(1+1)^{1+1+1}} \\
&:= 2/2 + 2^{2 \times (2+2)} \\
&:= 3 + (3^{3+3} + 33)/3 \\
&:= 4/4 + 4^4 \\
&:= (5^5 - 5)/(5+5) - 55 \\
&:= 6+6 \times (6 \times 6+6) - 6/6 \\
&:= 7/7 + ((7+7)/7)^{7/7+7} \\
&:= 8/8 + (8+8) \times (8+8) \\
&:= 9/9 + ((9+9)/9)^{9-9/9}
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 258 &:= 1 + 1 + (1+1)^{(1+1)^{1+1+1}} \\
&:= 2 + 2^{2 \times (2+2)} \\
&:= 3 + 3 \times (3 \times 3^3 + 3) + 3 \\
&:= 4^4 + (4+4)/4 \\
&:= (5^5 + 5)/(5+5) - 55 \\
&:= 6+6 \times (6 \times 6+6) \\
&:= (7-7/7) \times ((7/7-7) + 7 \times 7) \\
&:= (8+8)/8 + (8+8) \times (8+8) \\
&:= 99+9 \times (9+9) - (9+9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 259 &:= 1 + 1 + 1 + (1+1)^{(1+1)^{1+1+1}} \\
&:= 2 + 2^{2 \times (2+2)} + 2/2 \\
&:= 3 + (3/3+3)^{3/3+3} \\
&:= 4 + 4^4 - 4/4 \\
&:= 5 \times 55 - 55/5 - 5 \\
&:= 6+6 \times (6 \times 6+6) + 6/6 \\
&:= 7 \times 7 \times 7 - 77 - 7 \\
&:= 88/8 + (8+8) \times (8+8) - 8 \\
&:= 99+9 \times (9+9) - (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 260 &:= (1+1) \times (11-1) \times (1+1+11) \\
&:= 2 + 2^{2 \times (2+2)} + 2 \\
&:= 3 + (3^{3+3} + 33)/3 + 3 \\
&:= 4 + 4^4 \\
&:= 5 + 5 \times 5 \times (5+5) + 5 \\
&:= 6+6 \times (6 \times 6+6) + (6+6)/6 \\
&:= 7/7 + 7 \times 7 \times 7 - 77 - 7 \\
&:= (8 \times 8 \times 8 + 8) \times 8/(8+8) \\
&:= 99+9 \times (9+9) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 261 &:= (1+1) \times (11 \times (1+11) - 1) - 1 \\
&:= 2 + 2^{2 \times (2+2)} + 2/2 + 2 \\
&:= 3 \times (3 \times 3^3 + 3 + 3) \\
&:= 4 + 4/4 + 4^4 \\
&:= 5 + (5-5/5)^{5-5/5} \\
&:= 6+6 \times (6 \times 6+6) + 6 \times 6/(6+6) \\
&:= 7 + ((7+7)/7)^7 + 77 + 7 \times 7 \\
&:= (88/8-8) \times (88-8/8) \\
&:= 99+9 \times (9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 262 &:= (1+1) \times (11 \times (1+11) - 1) \\
&:= 22^2 - 222 \\
&:= 3 + (3/3+3)^{3/3+3} + 3 \\
&:= 4 + (4+4)/4 + 4^4 \\
&:= 5 + (5^5 - 5)/(5+5) - 55 \\
&:= 6 + ((6+6)/6)^{(6+6)/6+6} \\
&:= (7 \times 7 \times 77 - 7)/(7+7) - 7 \\
&:= 8 + (8+8) \times (8+8) - (8+8)/8 \\
&:= 9/9 + 9 \times (9+9) + 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 263 &:= (1+1) \times 11 \times (1+11) - 1 \\
&:= 22 + (22^2 - 2)/2 \\
&:= (33 \times (3^3 - 3) - 3)/3 \\
&:= 4 + 4^4 - 4/4 + 4 \\
&:= 5 \times 55 - (55+5)/5 \\
&:= 66/6 + 6 \times (6 \times 6+6) \\
&:= 7 + ((7+7)/7)^{7/7+7} \\
&:= 8 + (8+8) \times (8+8) - 8/8 \\
&:= 9+9 \times (9+9+9) + 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 264 &:= (1+1) \times 11 \times (1+11) \\
&:= 2 \times 22 \times (2+2+2) \\
&:= 33 \times (3 \times 3 - 3/3) \\
&:= 4 + 4^4 + 4 \\
&:= 5 \times 55 - 55/5 \\
&:= 6+6 \times (6 \times 6+6) + 6 \\
&:= 7 \times 7 \times 7 - (7+7)/7 - 77 \\
&:= 8 + (8+8) \times (8+8) \\
&:= 9 \times (9+9) + 999/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 265 &:= 1 + (1+1) \times 11 \times (1+11) \\
&:= 22 + (22^2 + 2)/2 \\
&:= (33 \times (3^3 - 3) + 3)/3 \\
&:= 4 + 4/4 + 4^4 + 4 \\
&:= 5 \times 55 - 5 - 5 \\
&:= 6+6 \times (6 \times 6+6) + 6/6 + 6 \\
&:= 7 \times 7 \times 7 - 7/7 - 77 \\
&:= 8 + (8+8) \times (8+8) + 8/8 \\
&:= 9 + ((9+9)/9)^{9-9/9}
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 266 &:= (1+1) \times (1+11 \times (1+11)) \\
&:= 222 + 2 \times 22 \\
&:= 3 + (33 \times (3^3 - 3) - 3)/3 \\
&:= 4^4 + (44-4)/4 \\
&:= 5/5 + 5 \times 55 - (5+5) \\
&:= (6/6+6) \times ((6+6)/6 + 6 \times 6) \\
&:= 7 \times 7 \times 7 - 77 \\
&:= 8 + (8+8) \times (8+8) + (8+8)/8 \\
&:= 9 + ((9+9)/9)^{9-9/9} + 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 267 &:= 1 + (1+1) \times (1+11 \times (1+11)) \\
&:= 22/2 + 2^{2 \times (2+2)} \\
&:= 3 \times 3 \times (3^3 + 3) - 3 \\
&:= 4^4 + 44/4 \\
&:= 5 \times 55 + ((5+5)/5 - 5 - 5) \\
&:= 666 \times 6/(6+6) - 66 \\
&:= 7/7 + 7 \times 7 \times 7 - 77 \\
&:= 88/8 + (8+8) \times (8+8) \\
&:= 99/9 + ((9+9)/9)^{9-9/9}
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 268 &:= (1+1) \times (1+1+11 \times (1+11)) \\
&:= 2 + 222 + 2 \times 22 \\
&:= 3 + (33 \times (3^3 - 3) + 3)/3 \\
&:= 4 + 4^4 + 4 + 4 \\
&:= 5 \times 5 + (5 - (5+5)/5)^5 \\
&:= (6 - (6+6)/6) \times (66 + 6/6) \\
&:= 7 \times 7 \times 7 + (7+7)/7 - 77 \\
&:= 8 + (8 \times 8 \times 8 + 8) \times 8/(8+8) \\
&:= 9+9 \times (9+9) - (9+9)/9 + 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 269 &:= 1 + (1+1) \times (1+1+11 \times (1+11)) \\
&:= 2 + 2^{2 \times (2+2)} + 22/2 \\
&:= 3^3 + (3^{3+3} - 3)/3 \\
&:= 4 + 4/4 + 4^4 + 4 + 4 \\
&:= 5 \times 55 - (5/5 + 5) \\
&:= 6+6 \times (6 \times 6+6) + 66/6 \\
&:= (7 \times 7 \times 77 - 7)/(7+7) \\
&:= 8 + (88/8 - 8) \times (88 - 8/8) \\
&:= 9+9 \times (9+9) - 9/9 + 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 270 &:= (11-1) \times (1+1+1)^{1+1+1} \\
&:= 222 + 2 \times (22+2) \\
&:= 3 \times 3 \times (3^3 + 3) \\
&:= 4 + (44-4)/4 + 4^4 \\
&:= 5 \times 55 - 5 \\
&:= 666 - 6 \times 66 \\
&:= (7 \times 7 \times 77 + 7)/(7+7) \\
&:= 8+8 + (8+8) \times (8+8) - (8+8)/8 \\
&:= 9+9 \times (9+9) + 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 271 &:= 1 + (11 - 1) \times (1 + 1 + 1)^{1+1+1} \\
&:= 2 + 2^{2 \times (2+2)} + 22/2 + 2 \\
&:= 3^3 + (3^{3+3} + 3)/3 \\
&:= 4 + 44/4 + 4^4 \\
&:= 5/5 + 5 \times 55 - 5 \\
&:= 66 + 6 \times 6 \times 6 - 66/6 \\
&:= 7 + 7 \times 7 \times 7 - (7 + 7)/7 - 77 \\
&:= 8 + (8 + 8) \times (8 + 8) - 8/8 + 8 \\
&:= 9 + 9 \times (9 + 9) + 99 + 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 272 &:= (1 + 1 + 11) \times (11 + 11 - 1) - 1 \\
&:= 2^{2+2} + 2^{2 \times (2+2)} \\
&:= 3 + (3^{3+3} - 3)/3 + 3^3 \\
&:= 4 \times 4 + 4^4 \\
&:= 5 \times 55 + (5 + 5)/5 - 5 \\
&:= 6 + (6/6 + 6) \times ((6 + 6)/6 + 6 \times 6) \\
&:= 7 + 7 \times 7 \times 7 - 7/7 - 77 \\
&:= 8 + (8 + 8) \times (8 + 8) + 8 \\
&:= 99 + 99/9 + 9 \times (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 273 &:= (1 + 1 + 11) \times (11 + 11 - 1) \\
&:= (22/2 + 2) \times (22 - 2/2) \\
&:= 3 + 3 \times 3 \times (3^3 + 3) \\
&:= 4 \times 4 + 4/4 + 4^4 \\
&:= 5 \times 55 - (5 + 5)/5 \\
&:= 6 + 666 \times 6/(6 + 6) - 66 \\
&:= 7 + 7 \times 7 \times 7 - 77 \\
&:= 8 + (8 + 8) \times (8 + 8) + 8/8 + 8 \\
&:= 9 \times (9 + 9) + 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 274 &:= 11 \times (1 + (1 + 1) \times (1 + 11)) - 1 \\
&:= 2 + 2^{2 \times (2+2)} + 2^{2+2} \\
&:= 3 + 3 \times 3 \times (3^3 + 3) + 3/3 \\
&:= 4 \times 4 + ((4 + 4)/4 + 4^4) \\
&:= 5 \times 55 - 5/5 \\
&:= 6 \times 6 \times 6 + ((6 + 6)/6)^6 - 6 \\
&:= 7 + 7 \times 7 \times 7 - 77 + 7/7 \\
&:= 8 + (8 + 8) \times (8 + 8) + (8 + 8)/8 + 8 \\
&:= 9 + ((9 + 9)/9)^{9-9/9} + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 275 &:= 11 \times (1 + (1 + 1) \times (1 + 11)) \\
&:= 22 + (22^2 + 22)/2 \\
&:= 33 + (3^{3+3} - 3)/3 \\
&:= 4 + 44/4 + 4^4 + 4 \\
&:= 5 \times 55 \\
&:= 66 + 6 \times 6 \times 6 - 6/6 - 6 \\
&:= 77/7 \times (77/7 + 7 + 7) \\
&:= 8 + (8 + 8) \times (8 + 8) + 88/8 \\
&:= 9 \times (9 + 9) + (999 + 9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 276 &:= (1 + 11) \times (1 + 11 + 11) \\
&:= 22 + 2^{2 \times (2+2)} - 2 \\
&:= 33 + 3 \times 3 \times 3^3 \\
&:= 4 + 4 \times 4 + 4^4 \\
&:= 5 \times 55 + 5/5 \\
&:= 66 + 6 \times 6 \times 6 - 6 \\
&:= 7 + (7 \times 7 \times 77 - 7)/(7 + 7) \\
&:= 8 + (8 \times 8 \times 8 + 8) \times 8/(8 + 8) + 8 \\
&:= (99/9 + 9 \times 9) \times (9 + 9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 277 &:= 1 + (1 + 11) \times (1 + 11 + 11) \\
&:= ((22 + 2)^2 - 22)/2 \\
&:= 33 + (3^{3+3} + 3)/3 \\
&:= 4 + 4 \times 4 + 4^4 + 4/4 \\
&:= 5 \times 55 + (5 + 5)/5 \\
&:= 66 + 6 \times 6 \times 6 - 6 + 6/6 \\
&:= 7 + (7 \times 7 \times 77 + 7)/(7 + 7) \\
&:= (8 - 8/8 + 8) \times (88/8 + 8) - 8 \\
&:= 99 + 99 - (9 + 9)/9 + 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 278 &:= (1 + 1111)/(1 + 1 + 1 + 1) \\
&:= 22 + 2^{2 \times (2+2)} \\
&:= 3 + (3^{3+3} - 3)/3 + 33 \\
&:= 4^4 + 44 \times 4/(4 + 4) \\
&:= 5 + 5 \times 55 - (5 + 5)/5 \\
&:= 6 \times 6 + 66 \times 66/(6 + 6 + 6) \\
&:= 7 \times 7 \times 7 + (77 + 7)/7 - 77 \\
&:= 88 + 8 \times (8 + 8 + 8) - (8 + 8)/8 \\
&:= 99 + 9 \times 9 - 9/9 + 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 279 &:= 1 + (1 + 1111)/(1 + 1 + 1 + 1) \\
&:= 2 + ((22 + 2)^2 - 22)/2 \\
&:= 3 \times (3 \times (3^3 + 3) + 3) \\
&:= 4 + 44/4 + 4^4 + 4 + 4 \\
&:= 5 + 5 \times 55 - 5/5 \\
&:= 6 \times 66 - 666/6 - 6 \\
&:= 7 \times (7 \times 7 - 7) - 7/7 - 7 - 7 \\
&:= 88 + 8 \times (8 + 8 + 8) - 8/8 \\
&:= 99 + 99 + 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 280 &:= 111 + (1 + 1 + 11)^{1+1} \\
&:= 2 + 2^{2 \times (2+2)} + 22 \\
&:= (3 + 3)^3 + (3/3 + 3)^3 \\
&:= 4 + 4 \times 4 + 4^4 + 4 \\
&:= 5 + 5 \times 55 \\
&:= 6 \times 6 \times 6 + ((6 + 6)/6)^6 \\
&:= 7 \times (7 \times 7 - 7) - 7 - 7 \\
&:= 88 + 8 \times (8 + 8 + 8) \\
&:= 9/9 + 99 + 99 + 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 281 &:= 1 + 111 + (1 + 1 + 11)^{1+1} \\
&:= 2 + ((22 + 2)^2 - 22)/2 + 2 \\
&:= 3^3 + (3^{3+3} + 33)/3 \\
&:= 4 + 4 \times 4 + 4^4 + 4/4 + 4 \\
&:= 5 + 5 \times 55 + 5/5 \\
&:= 66 + 6 \times 6 \times 6 - 6/6 \\
&:= 7/7 + 7 \times (7 \times 7 - 7) - 7 - 7 \\
&:= 8/8 + 8 \times (8 + 8 + 8) + 88 \\
&:= 9 + 99/9 + 9 \times (9 + 9) + 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 282 &:= (1 + 1) \times ((1 + 11)^{1+1} - 1 - 1 - 1) \\
&:= 2 + 2^{2 \times (2+2)} + 22 + 2 \\
&:= 3 + 3 \times (3 \times (3^3 + 3) + 3) \\
&:= 4 + 44 \times 4/(4 + 4) + 4^4 \\
&:= 5 + 5 \times 55 + (5 + 5)/5 \\
&:= 66 + 6 \times 6 \times 6 \\
&:= 77 + ((7 + 7)/7)^7 + 77 \\
&:= 88 + 8 \times (8 + 8 + 8) + (8 + 8)/8 \\
&:= 9 + 999/9 + 9 \times (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 283 &:= (1 + 1) \times ((1 + 11)^{1+1} - 1 - 1) - 1 \\
&:= ((22 + 2)^2 - 2)/2 - 2 - 2 \\
&:= 3 + (3/3 + 3)^3 + (3 + 3)^3 \\
&:= 4 \times 4 + 44/4 + 4^4 \\
&:= 5 + 5 \times 55 - (5 + 5)/5 + 5 \\
&:= 66 + 6 \times 6 \times 6 + 6/6 \\
&:= 7 \times (7 \times 7 - 7) - 77/7 \\
&:= 8 + 8 + (8 + 8) \times (8 + 8) + 88/8 \\
&:= 9 + ((9 + 9)/9)^{9-9/9} + 9 + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 284 &:= (1 + 1) \times ((1 + 11)^{1+1} - 1 - 1) \\
&:= 2 \times ((2 \times (2 + 2 + 2))^2 - 2) \\
&:= (3/3 + 3) \times ((3 + 3)^3 - 3)/3 \\
&:= 44 + 4^4 - 4 \times 4 \\
&:= 5 + 5 \times 55 - 5/5 + 5 \\
&:= 66 + 6 \times 6 \times 6 + (6 + 6)/6 \\
&:= (7 - 77)/7 + 7 \times (7 \times 7 - 7) \\
&:= (8 \times (8 \times 8 + 8) - 8) \times 8/(8 + 8) \\
&:= 9 \times (9 + 9) + (999 + 99)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 285 &:= (1 + 1) \times 11 \times (1 + 1 + 11) - 1 \\
&:= ((22 + 2)^2 - 2)/2 - 2 \\
&:= 3 \times (3 \times 33 - 3) - 3 \\
&:= 44 + 4/4 - 4 \times 4 + 4^4 \\
&:= 5 + 5 \times 55 + 5 \\
&:= 6 \times 66 - 666/6 \\
&:= 7 \times (7 \times 7 - 7) - (7 + 7)/7 - 7 \\
&:= (8 - 8/8 + 8) \times (88/8 + 8) \\
&:= (99 - 9/9) \times (9 + 9 + 9)/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 286 &:= (1+1) \times 11 \times (1+1+11) \\
&:= 22 \times (22/2+2) \\
&:= 33/3 \times (3^3-3/3) \\
&:= 44+44 \times 44/(4+4) \\
&:= 5 \times 55+55/5 \\
&:= 6 + ((6+6)/6)^6 + 6 \times 6 \times 6 \\
&:= 7 \times (7 \times 7-7) - 7/7-7 \\
&:= 8 \times 8 + (8+8) \times 888/(8 \times 8) \\
&:= 99 \times (9-9/9+9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 287 &:= (1+1) \times (1+11)^{1+1} - 1 \\
&:= ((22+2)^2-2)/2 \\
&:= 3 \times (3 \times 33-3) - 3/3 \\
&:= 4^4+4 \times (4+4) - 4/4 \\
&:= 5 \times 55 + (55+5)/5 \\
&:= 6 \times (6 \times 6+6+6) - 6/6 \\
&:= 7 \times (7 \times 7-7) - 7 \\
&:= 88+88+888/8 \\
&:= (99 \times (9+9+9) - 9)/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 288 &:= (1+1) \times (1+11)^{1+1} \\
&:= (22+2)^2/2 \\
&:= 3 \times (3 \times 33-3) \\
&:= 4^4+4 \times (4+4) \\
&:= (5^5+5)/(5+5) - 5 \times 5 \\
&:= 6 \times (6 \times 6+6+6) \\
&:= 7/7+7 \times (7 \times 7-7) - 7 \\
&:= 8+8 \times (8+8+8) + 88 \\
&:= 9 + (99+99) + 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 289 &:= 1 + (1+1) \times (1+11)^{1+1} \\
&:= (2^{2+2} + 2/2)^2 \\
&:= 3/3 + 3 \times (3 \times 33-3) \\
&:= 44+4^4 - 44/4 \\
&:= 5 \times (55+5) - 55/5 \\
&:= 6/6+6 \times (6 \times 6+6+6) \\
&:= (7+7)/7+7 \times (7 \times 7-7) - 7 \\
&:= (8/8+8+8)^{(8+8)/8} \\
&:= (9+9-9/9)^{(9+9)/9}
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 290 &:= (1+1) \times (1+(1+11)^{1+1}) \\
&:= 2 + (22+2)^2/2 \\
&:= 3+3 \times (3 \times 33-3) - 3/3 \\
&:= 44+(4-44)/4+4^4 \\
&:= 5+(5 \times 55+5)+5 \\
&:= (6+6)/6+6 \times (6 \times 6+6+6) \\
&:= 7+7 \times (7 \times 7-7) - 77/7 \\
&:= 8/8+(8/8+8+8)^{(8+8)/8} \\
&:= (9/9+9) \times (99/9+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 291 &:= 1 + (1+1) \times (1+(1+11)^{1+1}) \\
&:= 2 + (2^{2+2} + 2/2)^2 \\
&:= 3+3 \times (3 \times 33-3) \\
&:= 4+4 \times (4+4) - 4/4+4^4 \\
&:= 5+5 \times 55+55/5 \\
&:= 6+6 \times 66-666/6 \\
&:= 7 \times (7 \times 7-7) - (7+7+7)/7 \\
&:= 88+8 \times (8+8+8) + 88/8 \\
&:= 99+9 \times 9+999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 292 &:= (1+1) \times (1+1+(1+11)^{1+1}) \\
&:= 2 + (22+2)^2/2+2 \\
&:= 3+3 \times (3 \times 33-3) + 3/3 \\
&:= 4+4 \times (4+4) + 4^4 \\
&:= 5 + (55+5)/5+5 \times 55 \\
&:= 6 + ((6+6)/6)^6 + 6 \times 6 \times 6+6 \\
&:= 7 \times (7 \times 7-7) - (7+7)/7 \\
&:= (8 \times (8 \times 8+8) + 8) \times 8/(8+8) \\
&:= 99+9 \times 9 + (999+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 293 &:= 1 + (1+1) \times (1+1+1+11)^{1+1} \\
&:= 2 + (2^{2+2} + 2/2)^2 + 2 \\
&:= 3 \times 3 \times 33 - 3/3 - 3 \\
&:= 4+4 \times (4+4) + 4^4+4/4 \\
&:= 5 + (5^5+5)/(5+5) - 5 \times 5 \\
&:= 6+6 \times (6 \times 6+6+6) - 6/6 \\
&:= 7 \times (7 \times 7-7) - 7/7 \\
&:= 8 + (8-8/8+8) \times (88/8+8) \\
&:= ((9+9+9) \times (99-9/9) - 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 294 &:= (1+1) \times (1+1+1+(1+11)^{1+1}) \\
&:= 2 + (22+2)^2/2+2+2 \\
&:= 3 \times 3 \times 33-3 \\
&:= 44+4^4 - (4+4)/4-4 \\
&:= 5 \times (55+5) - 5/5-5 \\
&:= 6+6 \times (6 \times 6+6+6) \\
&:= 7 \times (7 \times 7-7) \\
&:= 8+8 \times 8 + (8+8) \times 888/(8 \times 8) \\
&:= ((9+9+9)/9) \times (99-9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 295 &:= 11 \times (1+1+1)^{1+1+1} - 1 - 1 \\
&:= 2 + (2^{2+2} + 2/2)^2 + 2 + 2 \\
&:= 3/3+3 \times 3 \times 33-3 \\
&:= 44+4^4 - 4/4-4 \\
&:= 5 \times (55+5) - 5 \\
&:= 6+6 \times (6 \times 6+6+6) + 6/6 \\
&:= 7/7+7 \times (7 \times 7-7) \\
&:= 8+88+88+888/8 \\
&:= (99 \times (9+9+9) - (9+9))/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 296 &:= 11 \times (1+1+1)^{1+1+1} - 1 \\
&:= 2 \times ((2 \times (2+2+2))^2 + 2+2) \\
&:= 3 \times 3 \times 33-3/3 \\
&:= 44+4^4-4 \\
&:= 5/5+5 \times (55+5) - 5 \\
&:= ((6+6)/6+6) \times (6 \times 6+6/6) \\
&:= (7+7)/7+7 \times (7 \times 7-7) \\
&:= 8 \times 888/(8+8+8) \\
&:= (99 \times (9+9+9) - 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 297 &:= 11 \times (1+1+1)^{1+1+1} \\
&:= ((22+2)^2+22)/2-2 \\
&:= 3 \times 3 \times 33 \\
&:= 44+4^4+4/4-4 \\
&:= 5 \times 55 + (55+55)/5 \\
&:= 6 \times 6 \times 66/(6+(6+6)/6) \\
&:= 7 \times (7 \times 7-7) + (7+7+7)/7 \\
&:= 8 + (8/8+8+8)^{(8+8)/8} \\
&:= 99+99+99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 298 &:= 1 + 11 \times (1+1+1)^{1+1+1} \\
&:= 2 \times 22 + 2^{2 \times (2+2)} - 2 \\
&:= 3/3 + 3 \times 3 \times 33 \\
&:= 44+4^4 - (4+4)/4 \\
&:= 55 + (5 - (5+5)/5)^5 \\
&:= (66-6)/6+6 \times (6 \times 6+6+6) \\
&:= 77/7+7 \times (7 \times 7-7) - 7 \\
&:= (88 \times (88/8+8+8) + 8)/8 \\
&:= (99 \times (9+9+9) + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 299 &:= 11 + (1+1) \times (1+11)^{1+1} \\
&:= ((22+2)^2+22)/2 \\
&:= 3 + (3 \times 3 \times 33-3/3) \\
&:= 44+4^4-4/4 \\
&:= 5 \times (55+5) - 5/5 \\
&:= 66/6+6 \times (6 \times 6+6+6) \\
&:= 7 + (7 \times (7 \times 7-7) - (7+7)/7) \\
&:= (8 \times (888+8) + 8)/(8+8+8) \\
&:= (99 \times (9+9+9) + 9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 300 &:= (1+1+1) \times (11-1)^{1+1} \\
&:= 2 \times 22 + 2^{2 \times (2+2)} \\
&:= 3+3 \times 3 \times 33 \\
&:= 44+4^4 \\
&:= 5 \times (55+5) \\
&:= (6-66) \times (6/6-6) \\
&:= 7+7 \times (7 \times 7-7) - 7/7 \\
&:= (8 \times 8 \times 8+88) \times 8/(8+8) \\
&:= (9/9+99) \times (9+9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 301 &:= 1 + (1 + 1 + 1) \times (11 - 1)^{1+1} \\
&:= 2 + ((22 + 2)^2 + 22)/2 \\
&:= 3 + 3 \times 3 \times 33 + 3/3 \\
&:= 44 + 4/4 + 4^4 \\
&:= 5/5 + 5 \times (55 + 5) \\
&:= 6/6 + (6 - 66) \times (6/6 - 6) \\
&:= 7 + 7 \times (7 \times 7 - 7) \\
&:= 8 + (8 - 8/8 + 8) \times (88/8 + 8) + 8 \\
&:= 9 \times 9 + (99/9 + 9) \times 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 302 &:= 1 + 1 + (1 + 1 + 1) \times (11 - 1)^{1+1} \\
&:= (2^{2+2} + 2)^2 - 22 \\
&:= 3 + 3 \times 3 \times 33 - 3/3 + 3 \\
&:= 44 + (4 + 4)/4 + 4^4 \\
&:= (5 + 5)/5 + 5 \times (55 + 5) \\
&:= 6 + ((6 + 6)/6 + 6) \times (6 \times 6 + 6/6) \\
&:= 7 + 7 \times (7 \times 7 - 7) + 7/7 \\
&:= (88 - 8/8 + 8 \times 8) \times (8 + 8)/8 \\
&:= (9 \times (9 + 9) - 99/9) \times (9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 303 &:= (1 + 1 + 1) \times (1 + (11 - 1)^{1+1}) \\
&:= 222 + (2/2 + 2)^{2+2} \\
&:= 3 + (3 \times 3 \times 33 + 3) \\
&:= 4 + 44 - 4/4 + 4^4 \\
&:= (5^5 + 5)/(5 + 5) - 5 - 5 \\
&:= 6 + 6 \times 6 \times 66/(6 + (6 + 6)/6) \\
&:= 7 + 7 \times (7 \times 7 - 7) + (7 + 7)/7 \\
&:= 8 \times (8 + 8 + 8) + 888/8 \\
&:= 9 + (99 - 9/9) \times (9 + 9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 304 &:= 1 + (1 + 1 + 1) \times (1 + (11 - 1)^{1+1}) \\
&:= 2 + (2^{2+2} + 2)^2 - 22 \\
&:= 3 + 3 \times 3 \times 33 + 3/3 + 3 \\
&:= 4 + 44 + 4^4 \\
&:= 5 + 5 \times (55 + 5) - 5/5 \\
&:= ((6 + 6)/6 + 6) \times ((6 + 6)/6 + 6 \times 6) \\
&:= (7/7 + 7) \times (7 \times 7 - 77/7) \\
&:= (8 + 8) \times (88/8 + 8) \\
&:= (9 + 9) \times (9 + 9) - 99/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 305 &:= (11 \times 111 - 1)/(1 + 1 + 1 + 1) \\
&:= 2 + (2/2 + 2)^{2+2} + 222 \\
&:= 333 - 3^3 - 3/3 \\
&:= 4 + 44 + 4^4 + 4/4 \\
&:= 5 + 5 \times (55 + 5) \\
&:= (6 - 6/6) \times (66 - 6 + 6/6) \\
&:= 77/7 + 7 \times (7 \times 7 - 7) \\
&:= 8/8 + (8 + 8) \times (8 + 88/8) \\
&:= 9 + (99 \times (9 + 9 + 9) - 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 306 &:= (1 + 1) \times (11 \times (1 + 1 + 1 + 11) - 1) \\
&:= 22 \times (2^{2+2} - 2) - 2 \\
&:= 3 \times (3 \times 33 + 3) \\
&:= 4 + 44 + 4^4 + (4 + 4)/4 \\
&:= 5 + 5 \times (55 + 5) + 5/5 \\
&:= 6 + (6 - 66) \times (6/6 - 6) \\
&:= (7 - 7/7) \times (7 \times 7 + (7 + 7)/7) \\
&:= (8 + 8)/8 + (8 + 8) \times (8 + 88/8) \\
&:= (9 + 9) \times (9 + 9 - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 307 &:= 111 + (1 + 1 + 1 + 11)^{1+1} \\
&:= (22 + 2/2)^2 - 222 \\
&:= 3/3 + 3 \times (3 \times 33 + 3) \\
&:= 4 + 44 - 4/4 + 4^4 + 4 \\
&:= (5^5 - 55)/(5 + 5) \\
&:= 6 + (6 - 66) \times (6/6 - 6) + 6/6 \\
&:= 7 + 7 \times (7 \times 7 - 7) - 7/7 + 7 \\
&:= 88 \times (8 \times 8 - 8)/(8 + 8) - 8/8 \\
&:= 9 + (99 \times (9 + 9 + 9) + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 308 &:= (1 + 1) \times 11 \times (1 + 1 + 1 + 11) \\
&:= 22 \times (2^{2+2} - 2) \\
&:= 33/3 + 3 \times 3 \times 33 \\
&:= 4 + 44 + 4^4 + 4 \\
&:= (5^5 + 5)/(5 + 5) - 5 \\
&:= 66 + 66 \times 66/(6 + 6 + 6) \\
&:= 7 + 7 \times (7 \times 7 - 7) + 7 \\
&:= 88 \times (8 \times 8 - 8)/(8 + 8) \\
&:= 99/9 \times (9/9 + 9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 309 &:= 1 + (1 + 1) \times 11 \times (1 + 1 + 1 + 11) \\
&:= 22 + ((22 + 2)^2 - 2)/2 \\
&:= 3 + 3 \times (3 \times 33 + 3) \\
&:= 4^4 + (4^4 - 44)/4 \\
&:= 5 + (5 \times (55 + 5) - 5/5) + 5 \\
&:= 66 + (6 \times 6/(6 + 6))^{6-6/6} \\
&:= 7 + 7 \times (7 \times 7 - 7) + 7/7 + 7 \\
&:= 8/8 + 88 \times (8 \times 8 - 8)/(8 + 8) \\
&:= 99 + 999/9 + 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 310 &:= (1 + 1) \times (11 + (1 + 11)^{1+1}) \\
&:= 2 + 22 \times (2^{2+2} - 2) \\
&:= ((3/3 + 3) + 3)^3 - 33 \\
&:= 44 + (44 - 4)/4 + 4^4 \\
&:= 5 + 5 \times (55 + 5) + 5 \\
&:= (6 - 6/6) \times ((6 + 6)/6 - 6 + 66) \\
&:= 7 + 7 \times (7 \times 7 - 7) + (7 + 7)/7 + 7 \\
&:= 88 + (8 + 8) \times 888/(8 \times 8) \\
&:= 99 + 99 + (999 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 311 &:= 1 + (1 + 1) \times (11 + (1 + 11)^{1+1}) \\
&:= 22 + (2^{2+2} + 2/2)^2 \\
&:= 3 + 3 \times 3 \times 33 + 33/3 \\
&:= 44 + 44/4 + 4^4 \\
&:= 55/5 + 5 \times (55 + 5) \\
&:= 6 + (6 - 6/6) \times (66 - 6 + 6/6) \\
&:= 7 + 7 \times (7 \times 7 - 7) + (77 - 7)/7 \\
&:= 8 + 888/8 + 8 \times (8 + 8 + 8) \\
&:= (9 + 9) \times (9 + 9) - (99 + 9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 312 &:= (1 + 1) \times (1 + 11) \times (1 + 1 + 11) \\
&:= (22 + 2) \times (22/2 + 2) \\
&:= 3 + 3 \times (3 \times 33 + 3) + 3 \\
&:= 4 + 4 + 4 + 44 + 4^4 \\
&:= (5^5 - 5)/(5 + 5) \\
&:= 6 \times ((6 + 6)/6)^6 - 6 - 6 \\
&:= 7 + 7 \times (7 \times 7 - 7) + 77/7 \\
&:= 8 + (8 + 8) \times (88/8 + 8) \\
&:= (9 + 9) \times (9 + 9) - (99 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 313 &:= 1 + (1 + 1) \times (1 + 11) \times (1 + 1 + 11) \\
&:= (2^{2+2} + 2)^2 - 22/2 \\
&:= 3 + (3/3 + 3 + 3)^3 - 33 \\
&:= 4 + (4^4 - 44)/4 + 4^4 \\
&:= (5^5 + 5)/(5 + 5) \\
&:= 6 \times (66 - 6 - 6) - 66/6 \\
&:= 7 + 7 \times (7 \times 7 - 7) + (77 + 7)/7 \\
&:= 8 + (8 + 8) \times (88/8 + 8) + 8/8 \\
&:= (9 + 9) \times (9 + 9) - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 314 &:= (1 + 1) \times (1 + (1 + 11) \times (1 + 1 + 11)) \\
&:= 2 + (22 + 2) \times (22/2 + 2) \\
&:= 3 \times 33 + (3 + 3)^3 - 3/3 \\
&:= 4^4 + (4^4 - 4 - 4)/4 - 4 \\
&:= 5/5 + (5^5 + 5)/(5 + 5) \\
&:= (6 - 6/6) \times ((6 + 6)/6)^6 - 6 \\
&:= 7 \times (7 \times 7 + 7) - (7/7 + 77) \\
&:= 8 + (8 + 8) \times (88/8 + 8) + (8 + 8)/8 \\
&:= (9 + 9) \times (9 + 9) - 9/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 315 &:= ((1 + 1)^{1+11} - 1)/(1 + 1 + 11) \\
&:= 22^2 - (22/2 + 2)^2 \\
&:= 3 \times (3 \times 33 + 3 + 3) \\
&:= 4^4 + (4^4 - 4)/4 - 4 \\
&:= (5 \times 5 + 5^5)/(5 + 5) \\
&:= (666 - 6 \times 6) \times 6/(6 + 6) \\
&:= 7 \times (7 \times 7 + 7) - 77 \\
&:= 88/8 + (8 + 8) \times (88/8 + 8) \\
&:= (9 + 9) \times (9 + 9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 316 &:= (1+1) \times ((1+1+11)^{1+1} - 11) \\
&:= 2 \times (2 \times ((2/2) + 2)^{2+2} - 2) \\
&:= (3/3 + 3 + 3)^3 - 3^3 \\
&:= 4 \times 4 + 44 + 4^4 \\
&:= 5 + 5 \times (55 + 5) + 55/5 \\
&:= 6 \times (6 \times 6 + 6) + ((6+6)/6)^6 \\
&:= 7/7 + 7 \times (7 \times 7 + 7) - 77 \\
&:= 8 + 88 \times (8 \times 8 - 8)/(8+8) \\
&:= 9/9 + (9+9) \times (9+9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 317 &:= 1 + (1+1) \times ((1+1+11)^{1+1} - 11) \\
&:= 2 + 22^2 - (22/2 + 2)^2 \\
&:= 333 + 33/3 - 3^3 \\
&:= 4^4 + (4^4 + 4)/4 - 4 \\
&:= 5 + (5^5 - 5)/(5+5) \\
&:= 66 + 6 \times (6 \times 6 + 6) - 6/6 \\
&:= (77/7 + 7)^{(7+7)/7} - 7 \\
&:= 8 + 88 \times (8 \times 8 - 8)/(8+8) + 8/8 \\
&:= (9+9)/9 + (9+9) \times (9+9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 318 &:= (1+1+1) \times (111-1) - 1 - 11 \\
&:= 2^{2+2} \times (22-2) - 2 \\
&:= 3 + 3 \times 33 + (3+3)^3 \\
&:= 4^4 + (4^4 - 4 - 4)/4 \\
&:= 5 + (5^5 + 5)/(5+5) \\
&:= 66 + 6 \times (6 \times 6 + 6) \\
&:= 7 \times 7 \times 7 - 77/7 - 7 - 7 \\
&:= 8 \times 8 + (8+8) \times (8+8) - (8+8)/8 \\
&:= 9 + 999/9 + 99 + 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 319 &:= 11 \times ((11-1) \times (1+1+1) - 1) \\
&:= 2^{2+2} \times (22-2) - 2/2 \\
&:= 333 - 33/3 - 3 \\
&:= 4^4 + (4^4 - 4)/4 \\
&:= 5 + (5^5 + 5)/(5+5) + 5/5 \\
&:= 66 + 6 \times (6 \times 6 + 6) + 6/6 \\
&:= 7 + 7 + 7 \times (7 \times 7 - 7) + 77/7 \\
&:= 8 \times 8 + (8+8) \times (8+8) - 8/8 \\
&:= 99/9 \times (99/9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 320 &:= (11-1) \times (11 \times (1+1+1) - 1) \\
&:= 2^{2+2} \times (22-2) \\
&:= 333 + (3-33)/3 - 3 \\
&:= 4 \times 4 \times (4 \times 4 + 4) \\
&:= (5+5) \times ((5+5)/5)^5 \\
&:= (6-6/6) \times ((6+6)/6)^6 \\
&:= (7/7 + 7) \times (7 \times 7 - (7+7)/7 - 7) \\
&:= 8 \times (8+8+8+8+8) \\
&:= (9-9/9) \times (9 \times 9 \times 9 - 9)/(9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 321 &:= (1+1+1) \times 111 - 1 - 11 \\
&:= 2/2 + (2^{2+2} \times (22-2)) \\
&:= 333 - (3 \times 3 + 3) \\
&:= 4^4 + (4^4 + 4)/4 \\
&:= 5/5 + ((5+5) \times ((5+5)/5)^5) \\
&:= 6 \times 6 \times 6 + (666/6 - 6) \\
&:= 7 \times 7 \times 7 - (7/7 + 7 + 7 + 7) \\
&:= 8/8 + (((8+8) \times (8+8)) + 8 \times 8) \\
&:= (9+9) \times (9+9) - (9+9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 322 &:= (1+1+1) \times 111 - 11 \\
&:= ((2^{2+2} + 2)^2) - 2 \\
&:= 333 - 33/3 \\
&:= 4^4 + (((4^4 + 4) + 4)/4) \\
&:= 5 + ((5^5 - 5)/(5+5) + 5) \\
&:= (6 \times (66 - (6+6))) - (6+6)/6 \\
&:= 7 \times 7 \times 7 - (7+7+7) \\
&:= 8 \times 8 + (((8+8) \times (8+8)) + ((8+8)/8)) \\
&:= (9+9) \times (9+9) - (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 323 &:= 1 + (1+1+1) \times 111 - 11 \\
&:= ((2^{2+2} + 2)^2) - 2/2 \\
&:= 333 + ((3-33)/3) \\
&:= 4 + (((4^4 - 4)/4) + 4^4) \\
&:= 5 + ((5^5 + 5)/(5+5) + 5) \\
&:= (6 \times (66 - (6+6))) - 6/6 \\
&:= 7/7 + (7 \times 7 \times 7 - (7+7+7)) \\
&:= (8/8 + 8 + 8) \times (88/8 + 8) \\
&:= (9+9) \times (9+9) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 324 &:= ((1+1) \times (11-1-1))^{1+1} \\
&:= (2^{2+2} + 2)^2 \\
&:= 3 \times (3 \times (33+3)) \\
&:= 4 \times (4-4/4)^4 \\
&:= (5/5 + 5) \times (55-5/5) \\
&:= 6 \times (66 - (6+6)) \\
&:= (77/7 + 7)^{(7+7)/7} \\
&:= (((8+8)/8) + 8) \times 8^{(8+8)/8} \\
&:= (9+9) \times (9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 325 &:= 1 + ((1+1) \times (11-1-1))^{1+1} \\
&:= 2/2 + ((2^{2+2} + 2)^2) \\
&:= 3 + (333 - 33/3) \\
&:= 4 + ((4^4 + 4)/4 + 4^4) \\
&:= 5 \times (55 + 5 + 5) \\
&:= 6/6 + (6 \times (66 - (6+6))) \\
&:= 7 \times 7 \times 7 - (77/7 + 7) \\
&:= (8/8 + 8 \times 8) \times ((8-88/8) + 8) \\
&:= 9/9 + (9+9) \times (9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 326 &:= (1+1+1) \times (111-1-1) - 1 \\
&:= 2 + ((2^{2+2} + 2)^2) \\
&:= 333 - ((3/3 + 3) + 3) \\
&:= 4 + (((4^4 + 4) + 4)/4) + 4^4 \\
&:= 5/5 + (5 \times (55 + 5 + 5)) \\
&:= 6 + ((6-6/6) \times ((6+6)/6)^6) \\
&:= 7 \times 7 \times 7 + (((7-77)/7) - 7) \\
&:= 8 + (((8+8) \times (8+8)) - ((8+8)/8)) + 8 \times 8 \\
&:= (9+9)/9 + (9+9) \times (9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 327 &:= (1+1+1) \times (111-1-1) \\
&:= 2 + (((2^{2+2} + 2)^2) + 2/2) \\
&:= 333 - (3+3) \\
&:= 4 + (((4^4 - 4)/4) + 4^4) + 4 \\
&:= 5 + (((5^5 - 5)/(5+5) + 5) + 5) \\
&:= 6 \times 6 \times 6 + 666/6 \\
&:= 7 \times 7 \times 7 - (((7+7)/7 + 7) + 7) \\
&:= 8 + (((8+8) \times (8+8)) - 8/8) + 8 \times 8 \\
&:= (9+9) \times (9+9) + ((9+9+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 328 &:= 1 + (1+1+1) \times (111-1-1) \\
&:= 2 + (((2^{2+2} + 2)^2) + 2) \\
&:= 3/3 + (333 - (3+3)) \\
&:= 4 + (4 \times (4 - 4/4)^4) \\
&:= 5 + (((5^5 + 5)/(5+5) + 5) + 5) \\
&:= 6 \times 6 \times 6 + (666+6)/6 \\
&:= 7 \times 7 \times 7 - (7/7 + 7 + 7) \\
&:= 8 + (((8+8) \times (8+8)) + 8 \times 8) \\
&:= 9 + (99/9) \times (99/9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 329 &:= (1+1+1) \times (111-1) - 1 \\
&:= 2 + (((2^{2+2} + 2)^2) + 2/2) + 2 \\
&:= 333 - (3/3 + 3) \\
&:= 4 + (((4^4 + 4)/4 + 4^4) + 4) \\
&:= 55 + (5 \times 55 - 5/5) \\
&:= 6 \times 66 - (66 + 6/6) \\
&:= 7 \times 7 \times 7 - (7+7) \\
&:= 8 + (((8+8) \times (8+8)) + 8/8) + 8 \times 8 \\
&:= (9+9) \times (9+9) + ((9 \times 9 + 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 330 &:= (1+1+1) \times (111-1) \\
&:= 22 \times ((22/2 + 2) + 2) \\
&:= 333 - 3 \\
&:= 4^4 + (((4^4 - 4) + 44)/4) \\
&:= 55 + 5 \times 55 \\
&:= 66 \times (6 - 6/6) \\
&:= 7/7 + (7 \times 7 \times 7 - (7+7)) \\
&:= 88/8 \times ((88+88)/8 + 8) \\
&:= (999-9)/((9+9+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 331 &:= 1 + (1 + 1 + 1) \times (111 - 1) \\
&:= 222 + (222/2 - 2) \\
&:= 3/3 + (333 - 3) \\
&:= 4^4 + ((44 + 4^4)/4) \\
&:= 55 + (5 \times 55 + 5/5) \\
&:= 6/6 + 66 \times (6 - 6/6) \\
&:= 7 \times 7 \times 7 - (77 + 7)/7 \\
&:= 8 + ((8/8 + 8 + 8) \times (88/8 + 8)) \\
&:= 9 + ((9 + 9) \times (9 + 9) - ((9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 332 &:= (1 + 1 + 1) \times 111 - 1 \\
&:= 2 + (22 \times ((22/2 + 2) + 2)) \\
&:= 333 - 3/3 \\
&:= 4 + ((4 \times (4 - 4/4)^4) + 4) \\
&:= 5 \times 5 + (5^5 - 55)/(5 + 5) \\
&:= 6 \times 66 - ((6 + 6)/6)^6 \\
&:= 7 \times 7 \times 7 - 77/7 \\
&:= 8 + (((8 + 8)/8) + 8) + 8)^{(8+8)/8)} \\
&:= 9 + ((9 + 9) \times (9 + 9) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 333 &:= (1 + 1 + 1) \times 111 \\
&:= 222 + 222/2 \\
&:= 333 \\
&:= 4^4 + ((4 - 4/4)^4 - 4) \\
&:= 5 \times 5 + ((5^5 + 5)/(5 + 5) - 5) \\
&:= 666 \times 6/(6 + 6) \\
&:= 7 \times 7 \times 7 + (7 - 77)/7 \\
&:= (88/8 - 8) \times 888/8 \\
&:= 9 + (9 + 9) \times (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 334 &:= 1 + (1 + 1 + 1) \times 111 \\
&:= 2 \times (((22/2 + 2)^2) - 2) \\
&:= 3/3 + 333 \\
&:= 444 + ((4 - 444)/4) \\
&:= 5 + ((5 \times 55 - 5/5) + 55) \\
&:= 6/6 + 666 \times 6/(6 + 6) \\
&:= 7 \times 7 \times 7 - ((7 + 7)/7 + 7) \\
&:= (((8 + 8 + 8) \times 888/8) + 8)/8 \\
&:= 9 + ((9 + 9) \times (9 + 9) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 335 &:= 1 + 1 + (1 + 1 + 1) \times 111 \\
&:= 2 + (222/2 + 222) \\
&:= 3 + (333 - 3/3) \\
&:= 4 + (((44 + 4^4)/4) + 4^4) \\
&:= 5 + (5 \times 55 + 55) \\
&:= (6 - 6/6) \times (66 + 6/6) \\
&:= 7 \times 7 \times 7 - (7/7 + 7) \\
&:= ((8 - 8/8)^{88/8-8}) - 8 \\
&:= 99/9 + (9 + 9) \times (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 336 &:= (1 + 1 + 1) \times (1 + 111) \\
&:= 2 \times (2 \times (2 \times ((2 \times 22) - 2))) \\
&:= 3 + 333 \\
&:= 4 \times ((4 \times (4 \times 4 + 4)) + 4) \\
&:= (5/5 + 5) \times (55 + 5/5) \\
&:= 6 + 66 \times (6 - 6/6) \\
&:= 7 \times 7 \times 7 - 7 \\
&:= 88 + (((8 + 8) \times (8 + 8)) - 8) \\
&:= (9 + 9) \times (9 + 9) + (99 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 337 &:= 1 + (1 + 1 + 1) \times (1 + 111) \\
&:= (((22 + 2 + 2)^2) - 2)/2 \\
&:= 3 + (333 + 3/3) \\
&:= 4^4 + (4 - 4/4)^4 \\
&:= 5 \times 5 + (5^5 - 5)/(5 + 5) \\
&:= 6 + (66 \times (6 - 6/6) + 6/6) \\
&:= 7/7 + (7 \times 7 \times 7 - 7) \\
&:= 8 \times (8 \times 8 - 8) - 888/8 \\
&:= 9 \times 9 + (((9 + 9)/9)^{9-9/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 338 &:= (1 + 1) \times (1 + 1 + 11)^{1+1} \\
&:= 2 \times ((22/2 + 2)^2) \\
&:= 3 + ((333 - 3/3) + 3) \\
&:= 4/4 + ((4 - 4/4)^4 + 4^4) \\
&:= 5 \times 5 + (5^5 + 5)/(5 + 5) \\
&:= 6 + (6 \times 66 - ((6 + 6)/6)^6) \\
&:= 7 \times 7 \times 7 + ((7 + 7)/7 - 7) \\
&:= 8 \times (8 \times 8 - 8) + ((8 - 888)/8) \\
&:= 9 + (((9 \times 9 + 9)/(9 + 9)) + (9 + 9) \times (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 339 &:= (1 + 1 + 1) \times (1 + 1 + 111) \\
&:= (((22 + 2 + 2)^2) + 2)/2 \\
&:= 3 + (333 + 3) \\
&:= (4 \times ((4 - 4/4)^4 + 4)) - 4/4 \\
&:= ((5^5 - 55)/5) - 5 \times 55 \\
&:= 6 + 666 \times 6/(6 + 6) \\
&:= 7 + (7 \times 7 \times 7 - (77/7)) \\
&:= 8 + (((8/8 + 8 + 8) \times (88/8 + 8)) + 8) \\
&:= 9 + ((999 - 9)/(9 + 9 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 340 &:= 1 + (1 + 1 + 1) \times (1 + 1 + 111) \\
&:= 2 + (2 \times ((22/2 + 2)^2)) \\
&:= (((3/3 + 3) + 3)^3) - 3 \\
&:= 4 \times ((4 - 4/4)^4 + 4) \\
&:= 5 + ((5 \times 55 + 55) + 5) \\
&:= (6 - 6/6) \times (((6 + 6)/6) + 66) \\
&:= 7 \times 7 \times 7 - (7 + 7 + 7)/7 \\
&:= ((8 \times 88 - 8)/((8 + 8)/8)) - 8 \\
&:= ((9 - 9/9) + 9) \times (99/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 341 &:= 11 + (1 + 1 + 1) \times (111 - 1) \\
&:= 2 + (((22 + 2 + 2)^2) + 2)/2 \\
&:= 3 \times 3 + (333 - 3/3) \\
&:= 4 + ((4 - 4/4)^4 + 4^4) \\
&:= 5 + ((5/5 + 5) \times (55 + 5/5)) \\
&:= 6 + ((6 - 6/6) \times (66 + 6/6)) \\
&:= 7 \times 7 \times 7 - (7 + 7)/7 \\
&:= 8 + ((88/8 - 8) \times 888/8) \\
&:= 9 + (((9 + 9) \times (9 + 9) - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 342 &:= (1 + 1 + 1) \times (1 + (1 + 1 + 111)) \\
&:= 2 \times (((22/2 + 2)^2) + 2) \\
&:= 3 \times 3 + 333 \\
&:= (4 - 44)/4 + ((4 + 4) \times 44) \\
&:= 5 + ((5^5 - 5)/(5 + 5) + 5 \times 5) \\
&:= 6 + (66 \times (6 - 6/6) + 6) \\
&:= 7 \times 7 \times 7 - 7/7 \\
&:= 88 + (((8 + 8) \times (8 + 8)) - ((8 + 8)/8)) \\
&:= 9 + (9 + 9) \times (9 + 9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 343 &:= 11 + (1 + 1 + 1) \times 111 - 1 \\
&:= 222 + (22/2)^2 \\
&:= ((3/3 + 3) + 3)^3 \\
&:= ((4 - 4/4) + 4)^{4-4/4} \\
&:= 5 + ((5^5 + 5)/(5 + 5) + 5 \times 5) \\
&:= (6/6 + 6)^{6 \times 6/(6+6)} \\
&:= 7 \times 7 \times 7 \\
&:= (8 - 8/8)^{88/8-8} \\
&:= 9 + (((9 + 9) \times (9 + 9) + 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 344 &:= 11 + (1 + 1 + 1) \times 111 \\
&:= 2 \times (2 \times (2 \times 2 \times 22 - 2)) \\
&:= 333 + 33/3 \\
&:= 44 + (44 + 4^4) \\
&:= (5^5 - 5)/5 - (5 \times 55 + 5) \\
&:= 6 + ((6 \times 66 - ((6 + 6)/6)^6) + 6) \\
&:= 7/7 + 7 \times 7 \times 7 \\
&:= 88 + ((8 + 8) \times (8 + 8)) \\
&:= 9 + ((9 + 9) \times (9 + 9) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 345 &:= 1 + 11 + (1 + 1 + 1) \times 111 \\
&:= 2 + ((22/2)^2 + 222) \\
&:= 3 + (333 + 3 \times 3) \\
&:= 4 + (((4 - 4/4)^4 + 4^4) + 4) \\
&:= 5^5 - (5 \times 555 + 5) \\
&:= 6 + (666 \times 6/(6 + 6) + 6) \\
&:= 7 \times 7 \times 7 + (7 + 7)/7 \\
&:= 8/8 + (((8 + 8) \times (8 + 8)) + 88) \\
&:= 9 + ((9 + 9) \times (9 + 9) + ((99 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 346 &:= 1 + 1 + 11 + (1 + 1 + 1) \times 111 \\
&:= 22 + ((2^{2+2} + 2)^2) \\
&:= 3 + (((3/3 + 3) + 3)^3) \\
&:= ((4 + 4) \times 44) - ((4 + 4)/4 + 4) \\
&:= (5^5 + 5)/5 - (5 \times 55 + 5) \\
&:= 6 + ((6 - 6/6) \times (((6 + 6)/6) + 66)) \\
&:= 7 \times 7 \times 7 + (7 + 7 + 7)/7 \\
&:= 88 + (((8 + 8) \times (8 + 8)) + ((8 + 8)/8)) \\
&:= 9 + (((9 + 9)/9)^{9-9/9}) + 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 347 &:= 11 + (1 + 1 + 1) \times (1 + 111) \\
&:= 2 + (((22/2)^2 + 222) + 2) \\
&:= 3 + (333 + 33/3) \\
&:= ((4 + 4) \times 44) - (4/4 + 4) \\
&:= (55/5 \times ((5 + 5)/5)^5) - 5 \\
&:= 6 \times (66 - 6) - (6/6 + 6 + 6) \\
&:= 7 \times 7 \times 7 + (77/7 - 7) \\
&:= ((8 \times 88 - 8)/(8 + 8)/8) - 8/8 \\
&:= 9 \times 9 \times (9 + 9) - 9999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 348 &:= 1 + 11 + (1 + 1 + 1) \times (1 + 111) \\
&:= 2 \times ((2 \times 2 \times 2 \times 22) - 2) \\
&:= 3 + ((333 + 3 \times 3) + 3) \\
&:= ((4 + 4) \times 44) - 4 \\
&:= (5^5 - 5 - 5)/5 - 5 \times 55 \\
&:= 6 \times (((6 + 6)/6)^6 - 6) \\
&:= 7 + (7 \times 7 \times 7 - ((7 + 7)/7)) \\
&:= (8 \times 88 - 8)/((8 + 8)/8) \\
&:= ((99 + 9)/9) \times (99/9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 349 &:= 11 + (1 + 1) \times (1 + 1 + 11)^{1+1} \\
&:= (22 \times 2^{2+2}) - 2/2 - 2 \\
&:= 3 + (((3/3 + 3) + 3)^3) + 3 \\
&:= 4/4 + (((4 + 4) \times 44) - 4) \\
&:= (5^5 - 5)/5 - 5 \times 55 \\
&:= 6 \times (66 - 6) - 66/6 \\
&:= 7 + (7 \times 7 \times 7 - 7/7) \\
&:= 8/8 + ((8 \times 88 - 8)/(8 + 8)/8)) \\
&:= 9 + (((9 - 9/9) + 9) \times (99/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 350 &:= 11 + (1 + 1 + 1) \times (1 + 1 + 111) \\
&:= (22 \times 2^{2+2}) - 2 \\
&:= 3 + ((333 + 33/3) + 3) \\
&:= ((4 + 4) \times 44) - (4 + 4)/4 \\
&:= 5 \times ((55 + 5 + 5) + 5) \\
&:= (6 - 6/6) \times (((6 + 6)/6)^6 + 6) \\
&:= 7 + 7 \times 7 \times 7 \\
&:= ((8 + 8)/8) \times (888/8 + 8 \times 8) \\
&:= (((9 + 9)/9)^9) - 9 \times (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 351 &:= 11 \times (11 \times (1 + 1 + 1) - 1) - 1 \\
&:= (22 \times 2^{2+2}) - 2/2 \\
&:= 3 \times (3 \times (33 + 3 + 3)) \\
&:= ((4 + 4) \times 44) - 4/4 \\
&:= (5^5 + 5)/5 - 5 \times 55 \\
&:= (666 + 6 \times 6)/((6 + 6)/6) \\
&:= 7 + (7 \times 7 \times 7 + 7/7) \\
&:= 8 + ((8 - 8/8)^{88/8-8}) \\
&:= 9 + (((9 + 9) \times (9 + 9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 352 &:= 11 \times (11 \times (1 + 1 + 1) - 1) \\
&:= 22 \times 2^{2+2} \\
&:= 3 \times 3 + (((3/3 + 3) + 3)^3) \\
&:= (4 + 4) \times 44 \\
&:= 55/5 \times ((5 + 5)/5)^5 \\
&:= 6 \times (66 - 6) - ((6 + 6)/6 + 6) \\
&:= 7 + (7 \times 7 \times 7 + ((7 + 7)/7)) \\
&:= 8 \times (88/(8 + 8)/8)) \\
&:= ((9/9 + 9 + 9)^{(9+9)/9}) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 353 &:= 1 + 11 \times (11 \times (1 + 1 + 1) - 1) \\
&:= 2/2 + (22 \times 2^{2+2}) \\
&:= 3 \times 3 + (333 + 33/3) \\
&:= 4/4 + ((4 + 4) \times 44) \\
&:= ((55 \times ((5 + 5)/5)^5) + 5)/5 \\
&:= 6 \times (66 - 6) - 6/6 - 6 \\
&:= 7 \times 7 \times 7 + (77 - 7)/7 \\
&:= 8/8 + (8 \times (88/(8 + 8)/8)) \\
&:= 9 + (((9 + 9) \times (9 + 9) + (99/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 354 &:= 1 + 1 + 11 \times (11 \times (1 + 1 + 1) - 1) \\
&:= 2 + (22 \times 2^{2+2}) \\
&:= 3 + (333 + (3 \times (3 + 3))) \\
&:= (4 + 4)/4 + ((4 + 4) \times 44) \\
&:= 5 + ((5^5 - 5)/5 - 5 \times 55) \\
&:= 6 \times (66 - 6) - 6 \\
&:= 7 \times 7 \times 7 + 77/7 \\
&:= (8 + 8)/8 + (8 \times (88/(8 + 8)/8)) \\
&:= 9 \times (9 + 9 + 9) + 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 355 &:= 11 + 11 + (1 + 1 + 1) \times 111 \\
&:= 2 + ((22 \times 2^{2+2}) + 2/2) \\
&:= 3 + (((3/3 + 3) + 3)^3) + 3 \times 3 \\
&:= 4 + (((4 + 4) \times 44) - 4/4) \\
&:= 55 + (5 \times (55 + 5)) \\
&:= 6/6 + (6 \times (66 - 6) - 6) \\
&:= 7 \times 7 \times 7 + (77 + 7)/7 \\
&:= 88 + (((8 + 8) \times (8 + 8)) + (88/8)) \\
&:= 99 + (((9 + 9)/9)^{9-9/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 356 &:= (1 + 1 + 1) \times (11^{1+1} - (1 + 1)) - 1 \\
&:= 2 + ((22 \times 2^{2+2}) + 2) \\
&:= 3^3 + (333 - (3/3 + 3)) \\
&:= 4 + ((4 + 4) \times 44) \\
&:= 5 + ((5^5 + 5)/5 - 5 \times 55) \\
&:= (6 + 6)/6 + (6 \times (66 - 6) - 6) \\
&:= 7 + ((7 \times 7 \times 7 - 7/7) + 7) \\
&:= (8 \times 88 + 8)/((8 + 8)/8) \\
&:= (((9 \times 9 \times 9) + 9)/(9 + 9)) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 357 &:= (1 + 1 + 1) \times (11^{1+1} - 1 - 1) \\
&:= (2/2 + 2) \times ((22/2)^2 - 2) \\
&:= 3^3 + (333 - 3) \\
&:= 4 + (((4 + 4) \times 44) + 4/4) \\
&:= 5 + (55/5 \times ((5 + 5)/5)^5) \\
&:= 66 \times 66/(6 + 6) - 6 \\
&:= 7 + (7 \times 7 \times 7 + 7) \\
&:= 8/8 + ((8 \times 88 + 8)/(8 + 8)/8)) \\
&:= ((9 - 9/9) + 9) \times (((99 + 9)/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 358 &:= 1 + (1 + 1 + 1) \times (11^{1+1} - (1 + 1)) \\
&:= 2 + (((22 \times 2^{2+2}) + 2) + 2) \\
&:= 3^3 + ((333 - 3) + 3/3) \\
&:= 4 + (((4 + 4) \times 44) + (4 + 4)/4) \\
&:= 5 + (((55 \times ((5 + 5)/5)^5) + 5)/5) \\
&:= 6 \times (66 - 6) - (6 + 6)/6 \\
&:= 7 + ((7 \times 7 \times 7 + 7/7) + 7) \\
&:= 8 \times (8 \times 8 - 8) - ((8 + 8)/8 + 88) \\
&:= ((9 + 9)/9) \times ((9 \times 9 - 9/9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 359 &:= (1 + 1 + 1) \times (11^{1+1} - 1) - 1 \\
&:= ((22 - (2/2 + 2))^2) - 2 \\
&:= 3^3 + (333 - 3/3) \\
&:= 4 + (((4 + 4) \times 44) - 4/4) + 4 \\
&:= (5/5 + 5) \times (55 + 5) - 5/5 \\
&:= 6 \times (66 - 6) - 6/6 \\
&:= 7 + ((7 \times 7 \times 7 + ((7 + 7)/7)) + 7) \\
&:= 8 \times (8 \times 8 - 8) - (8/8 + 88) \\
&:= 9 + (((9 + 9)/9)^9) - 9 \times (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 360 &:= (1 + 1 + 1) \times (11^{1+1} - 1) \\
&:= 2 \times (2 \times (2 \times 2 \times 22 + 2)) \\
&:= 3^3 + 333 \\
&:= 4 + (((4 + 4) \times 44) + 4) \\
&:= (5/5 + 5) \times (55 + 5) \\
&:= 6 \times (66 - 6) \\
&:= 7 + (((77 - 7)/7) + 7 \times 7 \times 7) \\
&:= 8 \times (8 \times 8 - 8) - 88 \\
&:= (9 + 9) \times (99/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 361 &:= (((1+1) \times (11-1)) - 1)^{1+1} \\
&:= (22 - (2/2 + 2))^2 \\
&:= 3^3 + (333 + 3/3) \\
&:= 4 + (((4+4) \times 44) + 4/4) + 4 \\
&:= 5/5 + (5/5 + 5) \times (55 + 5) \\
&:= 6/6 + 6 \times (66 - 6) \\
&:= 7 + (7 \times 7 \times 7 + (77/7)) \\
&:= (88/8 + 8)^{(8+8)/8} \\
&:= (9/9 + 9 + 9)^{(9+9)/9}
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 362 &:= 11 \times 11 \times (1+1+1) - 1 \\
&:= 2 + (2 \times (2 \times (2 \times 2 \times 22 + 2))) \\
&:= (33 \times 33 - 3)/3 \\
&:= 4^4 + ((444 - 4)/4 - 4) \\
&:= 55 + (5^5 - 55)/(5 + 5) \\
&:= (6+6)/6 + 6 \times (66 - 6) \\
&:= 7 + ((77+7)/7 + 7 \times 7 \times 7) \\
&:= 8/8 + ((88/8 + 8)^{(8+8)/8}) \\
&:= 9/9 + ((9/9 + 9 + 9)^{(9+9)/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 363 &:= 11 \times 11 \times (1+1+1) \\
&:= 2 + ((22 - (2/2 + 2))^2) \\
&:= 33 \times 33/3 \\
&:= 4^4 + (444/4 - 4) \\
&:= 55 + ((5^5 + 5)/(5 + 5) - 5) \\
&:= 66 \times 66/(6 + 6) \\
&:= 7 + (((7 \times 7 \times 7 - 7/7) + 7) + 7) \\
&:= 88/8 + (8 \times (88/(8 + 8)/8)) \\
&:= (99 \times 99)/(9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 364 &:= 1 + 11 \times 11 \times (1+1+1) \\
&:= 2 \times ((2 \times (2 \times 2 \times 22 + 2)) + 2) \\
&:= (33 \times 33 + 3)/3 \\
&:= 4 + (((4+4) \times 44) + 4) + 4 \\
&:= (5 \times (5 \times (5 + 5 + 5))) - 55/5 \\
&:= 6 + (6 \times (66 - 6) - ((6+6)/6)) \\
&:= 7 + (7 \times 7 \times 7 + 7 + 7) \\
&:= 8 + ((8 \times 88 + 8)/(8 + 8)/8) \\
&:= ((9 \times 9 \times 9 \times 9) - 9)/(9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 365 &:= 1 + 1 + 11 \times 11 \times (1+1+1) \\
&:= 2 + (((22 - (2/2 + 2))^2) + 2) \\
&:= 3 + ((33 \times 33 - 3)/3) \\
&:= (4/4 + 4)^4 - (4^4 + 4) \\
&:= 5 + (5/5 + 5) \times (55 + 5) \\
&:= 6 + (6 \times (66 - 6) - 6/6) \\
&:= 7 + (((7 \times 7 \times 7 + 7/7) + 7) + 7) \\
&:= 888 - (8 \times 8 \times 8 + 88/8) \\
&:= ((9 \times 9 \times 9 \times 9) + 9)/(9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 366 &:= (1+1+1) \times (1+11^{1+1}) \\
&:= 222 + ((2 \times (2 + 2 + 2))^2) \\
&:= 33 + 333 \\
&:= 4^4 + (444 - 4)/4 \\
&:= (5/5 + 5) \times ((55 + 5/5) + 5) \\
&:= 6 + 6 \times (66 - 6) \\
&:= 7 + (((7 \times 7 \times 7 + ((7+7)/7)) + 7) + 7) \\
&:= ((8+8) \times (8+8)) + ((888 - 8)/8) \\
&:= 9/9 + (((9 \times 9 \times 9 \times 9) + 9)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 367 &:= 1 + (1+1+1) \times (1+11^{1+1}) \\
&:= 222/2 + 2^{2 \times (2+2)} \\
&:= 3 + ((33 \times 33 + 3)/3) \\
&:= 4^4 + 444/4 \\
&:= 55 + (5^5 - 5)/(5 + 5) \\
&:= 6 + (6 \times (66 - 6) + 6/6) \\
&:= 7 + (((77 - 7)/7) + 7 \times 7 \times 7) + 7) \\
&:= 888/8 + ((8+8) \times (8+8)) \\
&:= 9 + (((9+9)/9) \times ((9 \times 9 - 9/9) + 99))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 368 &:= 1 + 1 + (1+1+1) \times (1+11^{1+1}) \\
&:= 2 \times (2 \times (2 \times ((2 \times 22) + 2))) \\
&:= 3 + (((33 \times 33 - 3)/3) + 3) \\
&:= 4 \times (44 + 44 + 4) \\
&:= 55 + (5^5 + 5)/(5 + 5) \\
&:= 6 + (6 \times (66 - 6) + ((6+6)/6)) \\
&:= 7 + ((7 \times 7 \times 7 + (77/7)) + 7) \\
&:= 8 + (8 \times (8 \times 8 - 8) - 88) \\
&:= 9 + (((((9+9)/9)^9) - 9 \times (9+9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 369 &:= (1+1+1) \times (1 + (1+11^{1+1})) \\
&:= (2/2 + 2) \times ((22/2)^2 + 2) \\
&:= 3 + (333 + 33) \\
&:= (4/4 + 4)^4 - 4^4 \\
&:= (5 \times (5 \times (5 + 5 + 5))) - (5/5 + 5) \\
&:= 6 + 66 \times 66/(6 + 6) \\
&:= 7 + (((77 + 7)/7 + 7 \times 7 \times 7) + 7) \\
&:= 8 + ((88/8 + 8)^{(8+8)/8}) \\
&:= 9 + ((9 + 9) \times (99/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 370 &:= (1111 - 1)/(1+1+1) \\
&:= 2 + (2 \times (2 \times (2 \times ((2 \times 22) + 2)))) \\
&:= 3^3 + (((3/3 + 3) + 3)^3) \\
&:= 4 + ((444 - 4)/4 + 4^4) \\
&:= (5 \times (5 \times (5 + 5 + 5))) - 5 \\
&:= 6 \times (66 - 6) + (66 - 6)/6 \\
&:= 77 + (7 \times (7 \times 7 - 7) - 7/7) \\
&:= (8888 - 8)/(8 + 8 + 8) \\
&:= 9 + ((9/9 + 9 + 9)^{(9+9)/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 371 &:= 1 + (1111 - 1)/(1+1+1) \\
&:= 22^2 - (222/2 + 2) \\
&:= 3^3 + (333 + 33/3) \\
&:= 4 + (444/4 + 4^4) \\
&:= 5/5 + ((5 \times (5 \times (5 + 5 + 5))) - 5) \\
&:= 66/6 + 6 \times (66 - 6) \\
&:= 77 + 7 \times (7 \times 7 - 7) \\
&:= (8 - 8/8) \times (8 \times 8 - 88/8) \\
&:= 99/9 + ((9 + 9) \times (99/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 372 &:= 1 + 1 + (1111 - 1)/(1+1+1) \\
&:= 2 \times ((2 \times (2 \times ((2 \times 22) + 2))) + 2) \\
&:= 3 + ((333 + 33) + 3) \\
&:= 4 + (((4+4) \times 44) + 4 \times 4) \\
&:= 5 + ((5^5 - 5)/(5 + 5) + 55) \\
&:= 6 + (6 \times (66 - 6) + 6) \\
&:= 7/7 + (7 \times (7 \times 7 - 7) + 77) \\
&:= 8 + (((8 \times 88 + 8)/(8 + 8)/8) + 8) \\
&:= 9 + ((99 \times 99)/(9 + 9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 373 &:= (11 + 11)^{1+1} - 111 \\
&:= 22^2 - 222/2 \\
&:= 3 + (((3/3 + 3) + 3)^3) + 3^3 \\
&:= 4 + ((4/4 + 4)^4 - 4^4) \\
&:= 5 + ((5^5 + 5)/(5 + 5) + 55) \\
&:= 6 + ((6 \times (66 - 6) + 6/6) + 6) \\
&:= 77 + (7 \times (7 \times 7 - 7) + ((7+7)/7)) \\
&:= (8 \times (8 \times 8 - (8 + 8))) - 88/8 \\
&:= 9 + (((9 \times 9 \times 9 \times 9) - 9)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 374 &:= 11 \times (1 + 11 \times (1+1+1)) \\
&:= 22 + (22 \times 2^{2+2}) \\
&:= 33/3 \times (3/3 + 33) \\
&:= (44 \times (4 \times 4 \times 4 + 4))/(4 + 4) \\
&:= (5 \times (5 \times (5 + 5 + 5))) - 5/5 \\
&:= (66/6) \times (6 \times 6 - ((6+6)/6)) \\
&:= 7 \times (7 \times 7 + 7) - (77/7 + 7) \\
&:= 888 - (8 \times 8 \times 8 + (8 + 8)/8) \\
&:= 9 + (((9 \times 9 \times 9 \times 9) + 9)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 375 &:= 1 + 11 \times (1 + 11 \times (1+1+1)) \\
&:= 2 + (22^2 - 222/2) \\
&:= 3 \times ((3 - 3/3 + 3)^3) \\
&:= 4 + ((444/4 + 4^4) + 4) \\
&:= 5 \times (5 \times (5 + 5 + 5)) \\
&:= 6 + (66 \times 66/(6 + 6) + 6) \\
&:= 7 + (((7 \times 7 \times 7 + (77/7)) + 7) + 7) \\
&:= 888 - (8 \times 8 \times 8 + 8/8) \\
&:= ((9 + 9) \times (9 + 9 + 9)) - 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 376 &:= 1 + 1 + 11 \times (1 + 11 \times (1 + 1 + 1)) \\
&:= (22 - 2)^2 - (22 + 2) \\
&:= 33 + (((3/3 + 3) + 3)^3) \\
&:= (4 + 4) \times (44 - 4/4 + 4) \\
&:= 5/5 + (5 \times (5 \times (5 + 5 + 5))) \\
&:= 6 + (6 \times (66 - 6) + ((66 - 6)/6)) \\
&:= (7/7 + 7) \times 7 \times 7 - (7 + 7)/7 \\
&:= 888 - 8 \times 8 \times 8 \\
&:= 9 \times 9 + ((99 \times (9 + 9 + 9) - (9 + 9))/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 377 &:= 11 + (1 + 1 + 1) \times (1 + 11^{1+1}) \\
&:= (22/2)^2 + 2^{2 \times (2+2)} \\
&:= 3 + (33/3 \times (3/3 + 33)) \\
&:= 4 + (((4/4 + 4)^4 - 4^4) + 4) \\
&:= (5 + 5)/5 + (5 \times (5 \times (5 + 5 + 5))) \\
&:= 6 + (6 \times (66 - 6) + (66/6)) \\
&:= 7 \times (7 \times 7 + 7) - (7/7 + 7 + 7) \\
&:= 8/8 + (888 - 8 \times 8 \times 8) \\
&:= 9 \times 9 + ((99 \times (9 + 9 + 9) - 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 378 &:= 1 + 11 + (1 + 1 + 1) \times (1 + 11^{1+1}) \\
&:= (22 - 2)^2 - 22 \\
&:= 3 \times (3 \times 33 + 3^3) \\
&:= 4^4 + ((444 + 44)/4) \\
&:= ((5 + 5)/5 + 5) \times (55 - 5/5) \\
&:= 6 \times 66 - 6 - 6 - 6 \\
&:= 7 \times (7 \times 7 + 7) - (7 + 7) \\
&:= (8 - (8 + 8)/8) \times (8 \times 8 - 8/8) \\
&:= (9 + 9) \times (((99 + 9)/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 379 &:= (11 - 1) \times (1 + 111/(1 + 1 + 1)) - 1 \\
&:= 2/2 + ((22 - 2)^2 - 22) \\
&:= 3 + (((3/3 + 3) + 3)^3) + 33 \\
&:= 444 - (4^4 + 4)/4 \\
&:= 5 + ((5 \times (5 \times (5 + 5 + 5))) - 5/5) \\
&:= 6 \times 66 - ((66/6) + 6) \\
&:= 7/7 + (7 \times (7 \times 7 + 7) - (7 + 7)) \\
&:= 8 + ((8 - 8/8) \times (8 \times 8 - 88/8)) \\
&:= 9 \times 99 - ((9 + 9)/9)^9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 380 &:= (11 - 1) \times (1 + 111/(1 + 1 + 1)) \\
&:= 2 + ((22 - 2)^2 - 22) \\
&:= 3 + ((33/3 \times (3/3 + 33)) + 3) \\
&:= 444 - 4 \times 4 \times 4 \\
&:= 5 + (5 \times (5 \times (5 + 5 + 5))) \\
&:= 6 \times 66 + (((6 - 66)/6) - 6) \\
&:= 7 \times (7 \times 7 + 7) - (77 + 7)/7 \\
&:= (8 \times (88 + 8) - 8)/((8 + 8)/8) \\
&:= (9/9 + 9 + 9) \times (99/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 381 &:= 11 + (1111 - 1)/(1 + 1 + 1) \\
&:= 2 + (((22 - 2)^2 - 22) + 2/2) \\
&:= 3 + (3 \times (3 \times 33 + 3^3)) \\
&:= 444 + ((4 - 4^4)/4) \\
&:= 5 + ((5 \times (5 \times (5 + 5 + 5))) + 5/5) \\
&:= 6 + ((66 \times 66/(6 + 6) + 6) + 6) \\
&:= 7 \times (7 \times 7 + 7) - 77/7 \\
&:= 8 + ((8 \times (8 \times 8 - (8 + 8))) - (88/8)) \\
&:= 9 + (((99 \times 99)/(9 + 9 + 9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 382 &:= 1 + 11 + (1111 - 1)/(1 + 1 + 1) \\
&:= (2^{2+2} \times (22 + 2)) - 2 \\
&:= 3333/3 - 3^{3+3} \\
&:= 4^4 + ((4^4 - 4)/(4 + 4)/4) \\
&:= 5^5/5 - ((5 - (5 + 5)/5)^5) \\
&:= 6 \times 66 - ((6 + 6)/6 + 6 + 6) \\
&:= ((7 - 77)/7) + 7 \times (7 \times 7 + 7) \\
&:= (8 \times (8 \times 8 - (8 + 8))) - (8 + 8)/8 \\
&:= 9999/9 - 9 \times 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 383 &:= (1 + 11) \times (11 \times (1 + 1 + 1) - 1) - 1 \\
&:= 22 + ((22 - (2/2 + 2))^2) \\
&:= ((3 + 3) \times ((3/3 + 3)^3)) - 3/3 \\
&:= ((4 + 4) \times (44 + 4)) - 4/4 \\
&:= 5 + (((5 + 5)/5 + 5) \times (55 - 5/5)) \\
&:= 6 \times 66 - (6/6 + 6 + 6) \\
&:= 7 \times (7 \times 7 + 7) - ((7 + 7)/7 + 7) \\
&:= (8 \times (8 \times 8 - (8 + 8))) - 8/8 \\
&:= 9 + (((9 \times 9 \times 9 \times 9) + 9)/(9 + 9)) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 384 &:= (1 + 11) \times (11 \times (1 + 1 + 1) - 1) \\
&:= 2^{2+2} \times (22 + 2) \\
&:= (3 + 3) \times ((3/3 + 3)^3) \\
&:= (4 + 4) \times (44 + 4) \\
&:= ((55 + 5)/5) \times ((5 + 5)/5)^5 \\
&:= 6 \times ((6 + 6)/6)^6 \\
&:= (7/7 + 7) \times (7 \times 7 - 7/7) \\
&:= 8 \times (8 \times 8 - (8 + 8)) \\
&:= ((9 + 9)/9) \times (999/9 + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 385 &:= 11 \times (1 + 1 + 11 \times (1 + 1 + 1)) \\
&:= 2/2 + (2^{2+2} \times (22 + 2)) \\
&:= 3/3 + ((3 + 3) \times ((3/3 + 3)^3)) \\
&:= 4/4 + ((4 + 4) \times (44 + 4)) \\
&:= 55 \times ((5 + 5)/5 + 5) \\
&:= 6 \times 66 - 66/6 \\
&:= 7 \times (7 \times 7 + 7) - 7 \\
&:= 8/8 + (8 \times (8 \times 8 - (8 + 8))) \\
&:= 99/9 \times (((9 - 9/9) + 9) + 9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 386 &:= 1 + 11 \times (1 + 1 + 11 \times (1 + 1 + 1)) \\
&:= 2 + (2^{2+2} \times (22 + 2)) \\
&:= 3^{3+3} - (((3/3 + 3) + 3)^3) \\
&:= 4^4 + ((4^4 + 4)/(4 + 4)/4) \\
&:= 5 \times 55 + 555/5 \\
&:= 6 \times 66 + (6 - 66)/6 \\
&:= 7/7 + (7 \times (7 \times 7 + 7) - 7) \\
&:= (8 + 8)/8 + (8 \times (8 \times 8 - (8 + 8))) \\
&:= (((9 + 9)/9)^9) - ((99 + 9 + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 387 &:= 1 + 1 + 11 \times (1 + 1 + 11 \times (1 + 1 + 1)) \\
&:= (22 - 2)^2 - (22/2 + 2) \\
&:= 3 + ((3 + 3) \times ((3/3 + 3)^3)) \\
&:= 4 + (((4 + 4) \times (44 + 4)) - 4/4) \\
&:= 5 \times 55 + (555 + 5)/5 \\
&:= 6 \times 66 + (((6 - 66) + 6)/6) \\
&:= ((7 + 7)/7) + (7 \times (7 \times 7 + 7) - 7) \\
&:= 888 + (88/8 - 8 \times 8 \times 8) \\
&:= ((9 + 9) \times (9 + 9 + 9)) - 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 388 &:= ((1 + 1) \times (11 - 1))^{1+1} - 1 - 11 \\
&:= 2 \times (((2^{2+2} - 2)^2) - 2) \\
&:= 3 + (((3 + 3) \times ((3/3 + 3)^3)) + 3/3) \\
&:= 4 + ((4 + 4) \times (44 + 4)) \\
&:= 5 \times 55 + (555 + 5 + 5)/5 \\
&:= 6 \times 66 - ((6 + 6)/6 + 6) \\
&:= ((7 \times 777) - 7)/(7 + 7) \\
&:= (8 \times (88 + 8) + 8)/((8 + 8)/8) \\
&:= 9 + (9 \times 99 - ((9 + 9)/9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 389 &:= ((1 + 1) \times (11 - 1))^{1+1} - 11 \\
&:= (22 - 2)^2 - 22/2 \\
&:= 3^3 + ((33 \times 33 - 3)/3) \\
&:= 4 + (((4 + 4) \times (44 + 4)) + 4/4) \\
&:= 5 \times (5 \times 5 + 55) - 55/5 \\
&:= 6 \times 66 - 6/6 - 6 \\
&:= ((7 \times 777) + 7)/(7 + 7) \\
&:= (((8 - 8/8) \times 888) + 8)/(8 + 8) \\
&:= 9 + ((9/9 + 9 + 9) \times (99/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 390 &:= 1 + ((1 + 1) \times (11 - 1))^{1+1} - 11 \\
&:= (2 \times ((2^{2+2} - 2)^2)) - 2 \\
&:= 3^3 + (33 \times 33/3) \\
&:= ((4 + 4)/4 + 4) \times (4^4 + 4)/4 \\
&:= 5 + (55 \times ((5 + 5)/5 + 5)) \\
&:= 6 \times 66 - 6 \\
&:= 7 \times (7 \times 7 + 7) - (7 + 7)/7 \\
&:= (8 - (8 + 8)/8) \times (8/8 + 8 \times 8) \\
&:= ((9 \times 9 \times 99) - 999)/(9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 391 &:= (1+1)^{11-1-1} - 11^{1+1} \\
&:= 2 + ((22-2)^2 - 22/2) \\
&:= 3^3 + ((33 \times 33 + 3)/3) \\
&:= 444 + ((44 - 4^4)/4) \\
&:= 5 + (555/5 + 5 \times 55) \\
&:= 6/6 + (6 \times 66 - 6) \\
&:= 7 \times (7 \times 7 + 7) - 7/7 \\
&:= 8 + ((8 \times (8 \times 8 - (8+8))) - 8/8) \\
&:= ((99/9 + 9)^{(9+9)/9}) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 392 &:= (1+1) \times (1+1+1+11)^{1+1} \\
&:= 2 \times ((2^{2+2} - 2)^2) \\
&:= (3/3 + 3) \times (3 \times 33 - 3/3) \\
&:= 4 + (((4+4) \times (44+4)) + 4) \\
&:= ((5+5)/5 + 5) \times (55 + 5/5) \\
&:= (6+6)/6 + (6 \times 66 - 6) \\
&:= 7 \times (7 \times 7 + 7) \\
&:= 8 + (8 \times (8 \times 8 - (8+8))) \\
&:= (9 - 9/9) \times ((9 \times 99 - 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 393 &:= (1+1+1) \times (11 \times (1+11) - 1) \\
&:= 2/2 + (2 \times ((2^{2+2} - 2)^2)) \\
&:= (33 \times (3 \times 3 + 3)) - 3 \\
&:= 4 + (((4+4) \times (44+4)) + 4/4 + 4) \\
&:= 5 \times 5 + ((5^5 + 5)/(5+5) + 55) \\
&:= 6 \times 66 - 6 \times 6/(6+6) \\
&:= 7/7 + 7 \times (7 \times 7 + 7) \\
&:= 8 + ((8 \times (8 \times 8 - (8+8))) + 8/8) \\
&:= 9 + (((9+9)/9) \times (999/9 + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 394 &:= 1 + (1+1+1) \times (11 \times (1+11) - 1) \\
&:= 2 + (2 \times ((2^{2+2} - 2)^2)) \\
&:= 3/3 + ((33 \times (3 \times 3 + 3)) - 3) \\
&:= 4 + (((4+4)/4 + 4) \times (4^4 + 4)/4) \\
&:= (5 - 5/5)^5 - (5^5/5 + 5) \\
&:= 6 \times 66 - (6+6)/6 \\
&:= ((7+7)/7) + 7 \times (7 \times 7 + 7) \\
&:= 8 + ((8 \times (8 \times 8 - (8+8))) + ((8+8)/8)) \\
&:= 9 \times 9 + ((9+9) \times (9+9) - (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 395 &:= 11 \times (1+1+1) \times (1+11) - 1 \\
&:= (22-2)^2 - (2/2 + 2 + 2) \\
&:= (33 \times (3 \times 3 + 3)) - 3/3 \\
&:= 44 + (((4+4) \times 44) - 4/4) \\
&:= 5 \times (5 \times 5 + 55) - 5 \\
&:= 6 \times 66 - 6/6 \\
&:= 7 + (((7 \times 777) - 7)/(7+7)) \\
&:= 88/8 + (8 \times (8 \times 8 - (8+8))) \\
&:= (((9+9)/9)^9) - (99+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 396 &:= 11 \times (1+1+1) \times (1+11) \\
&:= 22 \times (2^{2+2} + 2) \\
&:= 33 \times (3 \times 3 + 3) \\
&:= 44 + ((4+4) \times 44) \\
&:= 5/5 + (5 \times (5 \times 5 + 55) - 5) \\
&:= 6 \times 66 \\
&:= 7 + (((7 \times 777) + 7)/(7+7)) \\
&:= (88 \times (8 \times 8 + 8))/(8+8) \\
&:= 9 \times 9 + ((9+9) \times (9+9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 397 &:= 1 + 11 \times (1+1+1) \times (1+11) \\
&:= (22-2)^2 - 2/2 - 2 \\
&:= 3/3 + (33 \times (3 \times 3 + 3)) \\
&:= 44 + (((4+4) \times 44) + 4/4) \\
&:= 5 + (((5+5)/5 + 5) \times (55 + 5/5)) \\
&:= 6/6 + 6 \times 66 \\
&:= 7 + (7 \times (7 \times 7 + 7) - ((7+7)/7)) \\
&:= 8/8 + ((88 \times (8 \times 8 + 8))/(8+8)) \\
&:= (((9+9) \times (99+99)) + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 398 &:= ((1+1) \times (11-1))^{1+1} - 1 - 1 \\
&:= (22-2)^2 - 2 \\
&:= 3 + ((33 \times (3 \times 3 + 3)) - 3/3) \\
&:= 444 - ((4+4)/4 + 44) \\
&:= (5 - 5/5)^5 - (5^5 + 5)/5 \\
&:= (6+6)/6 + 6 \times 66 \\
&:= 7 + (7 \times (7 \times 7 + 7) - 7/7) \\
&:= 8 + ((8 - (8+8)/8) \times (8/8 + 8 \times 8)) \\
&:= ((9+9)/9) \times ((9/9 + 99) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 399 &:= ((1+1) \times (11-1))^{1+1} - 1 \\
&:= (22-2)^2 - 2/2 \\
&:= 3 + (33 \times (3 \times 3 + 3)) \\
&:= 4 \times 4^4 - (4/4 + 4)^4 \\
&:= (5 - 5/5)^5 - 5^5/5 \\
&:= 6 \times 66 + (6 \times 6/(6+6)) \\
&:= 7 + 7 \times (7 \times 7 + 7) \\
&:= (8 - 8/8) \times ((8/8 - 8) + 8 \times 8) \\
&:= (9/9 + 9 + 9) \times (((99+9)/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 400 &:= ((1+1) \times (11-1))^{1+1} \\
&:= (22-2)^2 \\
&:= 3 + ((33 \times (3 \times 3 + 3)) + 3/3) \\
&:= 444 - 44 \\
&:= 5 \times (5 \times 5 + 55) \\
&:= 6 + (6 \times 66 - ((6+6)/6)) \\
&:= 7 + (7 \times (7 \times 7 + 7) + 7/7) \\
&:= 8 + ((8 \times (8 \times 8 - (8+8))) + 8) \\
&:= (99/9 + 9)^{(9+9)/9}
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 401 &:= 1 + ((1+1) \times (11-1))^{1+1} \\
&:= 2/2 + (22-2)^2 \\
&:= 3 + (((33 \times (3 \times 3 + 3)) - 3/3) + 3) \\
&:= 4/4 + (444 - 44) \\
&:= 5/5 + 5 \times (5 \times 5 + 55) \\
&:= 6 + (6 \times 66 - 6/6) \\
&:= 7 + (7 \times (7 \times 7 + 7) + ((7+7)/7)) \\
&:= 8 \times 8 \times 8 - 888/8 \\
&:= (((9+9)/9)^9) - 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 402 &:= 1 + 1 + ((1+1) \times (11-1))^{1+1} \\
&:= 2 + (22-2)^2 \\
&:= 3 + ((33 \times (3 \times 3 + 3)) + 3) \\
&:= 444 + ((4+4)/4 - 44) \\
&:= (5+5)/5 + 5 \times (5 \times 5 + 55) \\
&:= 6 + 6 \times 66 \\
&:= ((77-7)/7) + 7 \times (7 \times 7 + 7) \\
&:= 8 \times 8 \times 8 + ((8 - 888)/8) \\
&:= (((9+9)/9)^9) + ((9 - 999)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 403 &:= 1 + 1 + 1 + ((1+1) \times (11-1))^{1+1} \\
&:= 2 + (22-2)^2 + 2/2 \\
&:= 3 + (((33 \times (3 \times 3 + 3)) + 3/3) + 3) \\
&:= 4 + (4 \times 4^4 - (4/4 + 4)^4) \\
&:= 5 + ((5 - 5/5)^5 - (5^5 + 5)/5) \\
&:= 6 + (6 \times 66 + 6/6) \\
&:= 77/7 + 7 \times (7 \times 7 + 7) \\
&:= 8 + ((8 \times (8 \times 8 - (8+8))) + (88/8)) \\
&:= 9 \times 9 + ((9+9) \times (9+9) - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 404 &:= (1+1) \times ((1+1) \times (1 + (11-1)^{1+1})) \\
&:= 2 + (22-2)^2 + 2 \\
&:= 333 + (((3+3)^3 - 3)/3) \\
&:= 4 + (444 - 44) \\
&:= 5 + ((5 - 5/5)^5 - 5^5/5) \\
&:= 6 + (((6+6)/6) + 6 \times 66) \\
&:= 7 \times 77 - (((7+7)/7)^7 + 7) \\
&:= 8 + ((88 \times (8 \times 8 + 8))/(8+8)) \\
&:= (((9+9)/9)^9) - (99+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 405 &:= 11 \times 111/(1+1+1) - 1 - 1 \\
&:= 2 + (22-2)^2 + 2/2 + 2 \\
&:= 3^3 \times ((3 \times 3 + 3) + 3) \\
&:= (4/4 + 4) \times (4 - 4/4)^4 \\
&:= 5 + 5 \times (5 \times 5 + 55) \\
&:= 6 + ((6 \times 6/(6+6)) + 6 \times 66) \\
&:= 7 + ((7 \times (7 \times 7 + 7) - 7/7) + 7) \\
&:= 8 \times 8 \times 8 - ((88/8 + 88) + 8) \\
&:= 9 \times (((9+9+9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 406 &:= 11 \times 111 / (1 + 1 + 1) - 1 \\
&:= 2 + (22 - 2)^2 + 2 + 2 \\
&:= 3 / 3 + (3^3 \times ((3 \times 3 + 3) + 3)) \\
&:= 4 + (((4 + 4) / 4 - 44) + 444) \\
&:= 5 + (5 \times (5 \times 5 + 55) + 5 / 5) \\
&:= 6 \times 66 + (66 - 6) / 6 \\
&:= 7 + (7 \times (7 \times 7 + 7) + 7) \\
&:= (8 - 8 / 8) \times (((8 + 8) / 8) - 8) + 8 \times 8 \\
&:= 9 / 9 + ((9 + 9) \times (9 + 9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 407 &:= 11 \times 111 / (1 + 1 + 1) \\
&:= 2 + (22 - 2)^2 + 2 / 2 + 2 + 2 \\
&:= 33 \times 333 / 3^3 \\
&:= 4 + ((4 \times 4^4 - (4 / 4 + 4)^4) + 4) \\
&:= 55 / 5 \times (((5 + 5) / 5)^5 + 5) \\
&:= 6 \times 66 + 66 / 6 \\
&:= 7 + ((7 \times (7 \times 7 + 7) + 7 / 7) + 7) \\
&:= 8888 / 8 - 8 \times 88 \\
&:= 9 \times 9 + ((9 + 9) \times (9 + 9) + ((9 + 9) / 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 408 &:= 1 + 11 \times 111 / (1 + 1 + 1) \\
&:= 2 \times (2 + 2) + (22 - 2)^2 \\
&:= 3 + (3^3 \times ((3 \times 3 + 3) + 3)) \\
&:= 4 + ((444 - 44) + 4) \\
&:= (5 \times 5 - 5 / 5) \times (((55 + 5) / 5) + 5) \\
&:= 6 + (6 \times 66 + 6) \\
&:= (7 / 7 + 7) \times ((7 + 7) / 7 + 7 \times 7) \\
&:= 8 \times 8 \times 8 - (88 + 8 + 8) \\
&:= (99 \times (9 + 9 + 9) + 999) / 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 409 &:= 1 + 1 + 11 \times 111 / (1 + 1 + 1) \\
&:= 22 / 2 + (22 - 2)^2 - 2 \\
&:= 3 + ((3^3 \times ((3 \times 3 + 3) + 3)) + 3 / 3) \\
&:= 4 + ((4 / 4 + 4) \times (4 - 4 / 4)^4) \\
&:= 5 + (((5 - 5 / 5)^5 - 5^5 / 5) + 5) \\
&:= 6 + ((6 \times 66 + 6 / 6) + 6) \\
&:= 77 + (7 \times 7 \times 7 - (77 / 7)) \\
&:= 8 + (8 \times 8 \times 8 - 888 / 8) \\
&:= 9 + ((99 / 9 + 9)^{(9+9)/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 410 &:= 11 + ((1 + 1) \times (11 - 1))^{1+1} - 1 \\
&:= 2 + (22 - 2)^2 + 2 \times (2 + 2) \\
&:= 3 + 33 \times 333 / 3^3 \\
&:= (((4 + 4)^4) + 4) / ((44 - 4) / 4) \\
&:= 5 + (5 \times (5 \times 5 + 55) + 5) \\
&:= 6 + (((6 + 6) / 6) + 6 \times 66) + 6) \\
&:= 7 + (7 \times (7 \times 7 + 7) + (77 / 7)) \\
&:= 8 + (((8 - 888) / 8) + 8 \times 8 \times 8) \\
&:= 9 + (((9 + 9) / 9)^9) - 999 / 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 411 &:= 11 + ((1 + 1) \times (11 - 1))^{1+1} \\
&:= 22 / 2 + (22 - 2)^2 \\
&:= 3 \times 3^3 + (333 - 3) \\
&:= 44 + (444 / 4 + 4^4) \\
&:= 55 / 5 + 5 \times (5 \times 5 + 55) \\
&:= 6 + (((6 \times 6) / (6 + 6)) + 6 \times 66) + 6) \\
&:= 7 \times 77 - ((7 + 7) / 7)^7 \\
&:= 8 \times 8 \times 8 - (8888 / 88) \\
&:= (((9 + 9) / 9)^9) - ((9 + 9) / 9 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 412 &:= 1 + 11 + ((1 + 1) \times (11 - 1))^{1+1} \\
&:= 2 \times (222 - 2^{2+2}) \\
&:= 3 / 3 + ((3 \times 3^3 - 3) + 333) \\
&:= 444 - 4 \times (4 + 4) \\
&:= 5 + (55 / 5 \times (((5 + 5) / 5)^5 + 5)) \\
&:= 6 + (((66 - 6) / 6) + 6 \times 66) \\
&:= 77 + (7 \times 7 \times 7 - (7 / 7 + 7)) \\
&:= (888 - 8 \times 8) / ((8 + 8) / 8) \\
&:= (((9 + 9) / 9)^9) - (9 / 9 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 413 &:= 1 + 1 + 11 + ((1 + 1) \times (11 - 1))^{1+1} \\
&:= 2 + (22 - 2)^2 + 22 / 2 \\
&:= 3 \times 3^3 + (333 - 3 / 3) \\
&:= 44 + ((4 / 4 + 4)^4 - 4^4) \\
&:= 5 \times (5 \times 5 - 5) + (5^5 + 5) / (5 + 5) \\
&:= 6 + (6 \times 66 + (66 / 6)) \\
&:= 77 + (7 \times 7 \times 7 - 7) \\
&:= 8 \times 8 \times 8 - (88 / 8 + 88) \\
&:= (((9 + 9) / 9)^9) - 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 414 &:= (1 + 1) \times (11 + (1 + 1 + 1 + 11))^{1+1} \\
&:= 2 + 2 \times (222 - 2^{2+2}) \\
&:= 3 \times 3^3 + 333 \\
&:= 4 + ((4 + 4)^4 + 4) / ((44 - 4) / 4) \\
&:= (5 - 5 / 5)^5 - (555 + 55) \\
&:= 6 + ((6 \times 66 + 6) + 6) \\
&:= 7 / 7 + ((7 \times 7 \times 7 - 7) + 77) \\
&:= 8 \times 8 \times 8 + ((8 - 88) / 8 - 88) \\
&:= 9 + ((9 + 9) \times (9 + 9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 415 &:= (1 + 1 + 11) \times (11 \times (1 + 1 + 1) - 1) - 1 \\
&:= 2 + (22 - 2)^2 + 22 / 2 + 2 \\
&:= 3 / 3 + (3 \times 3^3 + 333) \\
&:= 4^4 + (4 \times (44 - 4) - 4 / 4) \\
&:= 5 + ((5 \times (5 \times 5 + 55) + 5) + 5) \\
&:= 6 + (((6 \times 66 + 6 / 6) + 6) + 6) \\
&:= 7 + ((7 / 7 + 7) \times ((7 + 7) / 7 + 7 \times 7)) \\
&:= 8 \times 8 \times 8 - ((8 / 8 + 88) + 8) \\
&:= 9 + (((9 + 9) \times (9 + 9) + 9 \times 9) + 9 / 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 416 &:= (1 + 1 + 11) \times (11 \times (1 + 1 + 1) - 1) \\
&:= 2^{2+2} + (22 - 2)^2 \\
&:= 3 + ((333 - 3 / 3) + 3 \times 3^3) \\
&:= 4^4 + (4 \times (44 - 4)) \\
&:= (55 / 5 + 5) \times (5 \times 5 + 5 / 5) \\
&:= 6 + (((6 + 6) / 6) + 6 \times 66) + 6) + 6) \\
&:= ((77 \times 77 - 7) / (7 + 7)) - 7 \\
&:= 8 \times 8 \times 8 - (88 + 8) \\
&:= 9 \times 9 + ((9 + 9) \times (9 + 9) + (99 / 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 417 &:= 11 \times (1 + 111 / (1 + 1 + 1)) - 1 \\
&:= (22 - 2 / 2)^2 - 22 - 2 \\
&:= 3 + (3 \times 3^3 + 333) \\
&:= 4 / 4 + (4 \times (44 - 4) + 4^4) \\
&:= ((5^5 + 5^5) + 5) / (5 + 5 + 5) \\
&:= 6 \times 66 + ((6 \times 6 + 6) / ((6 + 6) / 6)) \\
&:= ((77 \times 77 + 7) / (7 + 7)) - 7 \\
&:= 8 / 8 + (8 \times 8 \times 8 - (88 + 8)) \\
&:= 9 + ((99 \times (9 + 9 + 9) + 999) / 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 418 &:= 11 \times (1 + 111 / (1 + 1 + 1)) \\
&:= 22 \times (22 - 2 / 2 - 2) \\
&:= 33 / 3 \times (33 / 3 + 3^3) \\
&:= 4^4 + (4 \times (44 - 4) + (4 + 4) / 4) \\
&:= 5 + ((5^5 + 5) / (5 + 5) + 5 \times (5 \times 5 - 5)) \\
&:= 6 \times 66 + ((66 + 66) / 6) \\
&:= 7 + (7 \times 77 - ((7 + 7) / 7)^7) \\
&:= 8 \times 8 \times 8 + (((8 + 8) / 8) - (88 + 8)) \\
&:= 9 + (((99 / 9 + 9)^{(9+9)/9}) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 419 &:= 1 + 11 \times (1 + 111 / (1 + 1 + 1)) \\
&:= (22 - 2 / 2)^2 - 22 \\
&:= ((3^3 + 3) \times (33 / 3 + 3)) - 3 / 3 \\
&:= (44 \times 44 - (4^4 + 4)) / 4 \\
&:= 555 - (555 / 5 + 5 \times 5) \\
&:= 6 + ((6 \times 66 + (66 / 6)) + 6) \\
&:= 77 + (7 \times 7 \times 7 - 7 / 7) \\
&:= 8 + (8 \times 8 \times 8 - (8888 / 88)) \\
&:= (((9 \times 999) + 9) / (9 + 9)) - 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 420 &:= (1 + 1) \times (11 - 1) \times (11 + 11 - 1) \\
&:= 22 + (22 - 2)^2 - 2 \\
&:= (3^3 + 3) \times (33 / 3 + 3) \\
&:= 4 + (4 \times (44 - 4) + 4^4) \\
&:= (55 + 5) \times ((5 + 5) / 5 + 5) \\
&:= 6 \times (((6 + 6) / 6)^6 + 6) \\
&:= 77 + 7 \times 7 \times 7 \\
&:= 88 \times 88 / (8 + 8) - 8 \times 8 \\
&:= ((9 + 9) / 9) \times (999 / 9 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 421 &:= (1+1+1) \times (1+11)^{1+1} - 11 \\
&:= 2 + ((22-2/2)^2) - 22 \\
&:= (((3+3)^{3/3+3}) - 33)/3 \\
&:= 4^4 + ((4 \times 44) - 44/4) \\
&:= 5 + ((55/5+5) \times (5 \times 5+5/5)) \\
&:= (6 \times (66+6)) - 66/6 \\
&:= 7/7 + (7 \times 7 \times 7 + 77) \\
&:= 8 + (8 \times 8 \times 8 - (88/8+88)) \\
&:= 9 + (((9+9)/9)^9) - (9/9+99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 422 &:= (1+1) \times (1+1) \times 111 - 11 \\
&:= 22 + (22-2)^2 \\
&:= 3^3 + ((33 \times (3 \times 3+3)) - 3/3) \\
&:= 444 - (44/((4+4)/4)) \\
&:= 5 + (((5^5+5^5)+5)/(5+5+5)) \\
&:= ((6-66)/6) + (6 \times (66+6)) \\
&:= 77 + (7 \times 7 \times 7 + ((7+7)/7)) \\
&:= 8 \times 8 \times 8 - ((8+8)/8+88) \\
&:= 9 + (((9+9)/9)^9) - 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 423 &:= 1 + (1+1) \times ((1+1) \times 111 - 11) \\
&:= 22 + ((22-2)^2 + 2/2) \\
&:= 3 \times ((3 \times (33+3)) + 33) \\
&:= 444 - ((4 \times 4 + 4/4) + 4) \\
&:= 55 + ((5^5+5)/(5+5)+55) \\
&:= 66 + (66 \times 66/(6+6) - 6) \\
&:= (77 \times 77 - 7)/(7+7) \\
&:= 8 \times 8 \times 8 - (8/8+88) \\
&:= 99 + (9+9) \times (9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 424 &:= (1+1) \times (1 + ((1+1) \times 111 - 11)) \\
&:= 2 + ((22-2)^2 + 22) \\
&:= 3 \times 3^3 + (((3/3+3) + 3)^3) \\
&:= 444 - (4 \times 4 + 4) \\
&:= (5-5/5) \times (555/5-5) \\
&:= 6 \times (66-6) + ((6+6)/6)^6 \\
&:= (77 \times 77 + 7)/(7+7) \\
&:= 8 \times 8 \times 8 - 88 \\
&:= 9/9 + ((9+9) \times (9+9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 425 &:= 1 + (1+1) \times (1 + ((1+1) \times 111 - 11)) \\
&:= ((22-2/2)^2) - 2^{2+2} \\
&:= (((3+3) \times ((3+3)^3 - 3)) - 3)/3 \\
&:= 4/4 + (444 - (4 \times 4 + 4)) \\
&:= 5 \times (5 \times 5 + 55 + 5) \\
&:= (6 \times (66+6)) - 6/6 - 6 \\
&:= 7 + ((7 \times 77 - ((7+7)/7)^7) + 7) \\
&:= 8/8 + (8 \times 8 \times 8 - 88) \\
&:= 99 + ((9+9) \times (9+9) + ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 426 &:= (1+1) \times (1+1) \times (1+111) - 11 \\
&:= (2 \times (222+2)) - 22 \\
&:= (3+3) \times (((3+3)^3 - 3)/3) \\
&:= 444 - ((4+4)/4 + 4 \times 4) \\
&:= 5/5 + (5 \times (5 \times 5 + 55 + 5)) \\
&:= (6 \times (66+6)) - 6 \\
&:= 7 + ((7 \times 7 \times 7 - 7/7) + 77) \\
&:= 8 \times 8 \times 8 + (((8+8)/8) - 88) \\
&:= (9+9) \times (9+9) + (999/9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 427 &:= 1 + (1+1) \times ((1+1) \times (1+111) - 11) \\
&:= 2 + (((22-2/2)^2) - 2^{2+2}) \\
&:= (((3+3) \times ((3+3)^3 - 3)) + 3)/3 \\
&:= 444 - (4 \times 4 + 4/4) \\
&:= (5+5)/5 + (5 \times (5 \times 5 + 55 + 5)) \\
&:= 6/6 + ((6 \times (66+6)) - 6) \\
&:= 7 + (7 \times 7 \times 7 + 77) \\
&:= 8 \times 8 \times 8 + (88/8 - (88+8)) \\
&:= (((9 \times 9 + 99) - 9)/(9+9)) - (9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 428 &:= (11 \times ((1+1+1) \times (1+1+11))) - 1 \\
&:= 2 \times (222 - 2 \times (2+2)) \\
&:= (((3+3)^{3/3+3}) - 3)/3 - 3 \\
&:= 444 - 4 \times 4 \\
&:= (5-5/5) \times ((555+5)/5-5) \\
&:= (6+6)/6 + ((6 \times (66+6)) - 6) \\
&:= 7 \times 77 - 777/7 \\
&:= 888/((8+8)/8) - 8 - 8 \\
&:= (((9 \times 9 + 99) + 9)/(9+9)) - (9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 429 &:= 11 \times ((1+1+1) \times (1+1+11)) \\
&:= (2 \times (222-2)) - 22/2 \\
&:= 33 + (33 \times (3 \times 3+3)) \\
&:= 4/4 + (444 - 4 \times 4) \\
&:= 555 - (5 \times 5 \times 5 + 5/5) \\
&:= 66 + 66 \times 66/(6+6) \\
&:= 7 \times 77 + ((7-777)/7) \\
&:= 8 \times (8 \times 8 - 8) - (88/8+8) \\
&:= (((9+9)/9)^9) - ((9+9)/9) + 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 430 &:= ((11+11-1)^{1+1}) - 11 \\
&:= 2 + (2 \times (222 - 2 \times (2+2))) \\
&:= (3-3/3) \times ((3+3)^3 - 3/3) \\
&:= 4^4 + ((4 \times 44) - (4+4)/4) \\
&:= 555 - 5 \times 5 \times 5 \\
&:= (6 \times (66+6)) - (6+6)/6 \\
&:= 7 + ((77 \times 77 - 7)/(7+7)) \\
&:= 8 + (8 \times 8 \times 8 - ((8+8)/8+88)) \\
&:= (((9+9)/9)^9) - (9/9+9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 431 &:= ((1+1+1) \times (1+11)^{1+1}) - 1 \\
&:= 2 \times 222 - (22/2+2) \\
&:= (((3+3)^{3/3+3}) - 3)/3 \\
&:= 4^4 + ((4 \times 44) - 4/4) \\
&:= 5/5 + (555 - 5 \times 5 \times 5) \\
&:= (6 \times (66+6)) - 6/6 \\
&:= 7 + ((77 \times 77 + 7)/(7+7)) \\
&:= 8 + (8 \times 8 \times 8 - (8/8+88)) \\
&:= (((9+9)/9)^9) - 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 432 &:= (1+1+1) \times (1+11)^{1+1} \\
&:= 2 \times ((2+2+2)^{2/2+2}) \\
&:= 3 \times ((3+3) \times (3^3 - 3)) \\
&:= 4^4 + (4 \times 44) \\
&:= 5 \times 5 \times 5 + (5^5 - 55)/(5+5) \\
&:= 6 \times (66+6) \\
&:= ((7+7)/7+7) \times (7 \times 7 - 7/7) \\
&:= 8 + (8 \times 8 \times 8 - 88) \\
&:= 9 + ((9+9) \times (9+9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 433 &:= 1 + ((1+1+1) \times (1+11)^{1+1}) \\
&:= 2 \times 222 - 22/2 \\
&:= (((3+3)^{3/3+3}) + 3)/3 \\
&:= 444 - 44/4 \\
&:= 5 \times 5 \times 5 + ((5^5+5)/(5+5) - 5) \\
&:= 6/6 + (6 \times (66+6)) \\
&:= 777 - (7 \times 7 \times 7 + 7/7) \\
&:= 8 + ((8 \times 8 \times 8 - 88) + 8/8) \\
&:= 9 + (((9+9) \times (9+9) + 99) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 434 &:= 1 + (1 + ((1+1+1) \times (1+11)^{1+1})) \\
&:= (2 \times (222 - (2+2))) - 2 \\
&:= 3 + (((3+3)^{3/3+3}) - 3)/3 \\
&:= 444 + (4 - 44)/4 \\
&:= 5 + (555 - (5 \times 5 \times 5 + 5/5)) \\
&:= (6+6)/6 + (6 \times (66+6)) \\
&:= 777 - 7 \times 7 \times 7 \\
&:= (8-8/8) \times (8 \times 8 - ((8+8)/8)) \\
&:= 99 + ((9+9) \times (9+9) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 435 &:= (1+1+1) \times (1 + (1+11)^{1+1}) \\
&:= 2 + (2 \times 222 - 22/2) \\
&:= 3 + (3 \times 33 + 333) \\
&:= 444 - ((4/4+4) + 4) \\
&:= 5 + (555 - 5 \times 5 \times 5) \\
&:= (6 \times (66+6)) + (6 \times 6/(6+6)) \\
&:= 7 + (7 \times 77 - 777/7) \\
&:= 8 \times 8 \times 8 + (88/8 - 88) \\
&:= (9+9) \times (9+9) + 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 436 &:= (1+1) \times (1+1) \times (111-1-1) \\
&:= 2 \times (222 - (2+2)) \\
&:= 3 + (((3+3)^{3/3+3}) + 3)/3 \\
&:= 444 - 4 - 4 \\
&:= 5 + ((555 - 5 \times 5 \times 5) + 5)/5 \\
&:= 6 + ((6 \times (66+6)) - ((6+6)/6)) \\
&:= 7 + (((7-777)/7) + 7 \times 77) \\
&:= 888/((8+8)/8) - 8 \\
&:= (((9 \times 9 \times 99) - 9)/(9+9)) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 437 &:= 1 + ((1+1) \times (1+1) \times (111-1-1)) \\
&:= ((22-2/2)^2) - 2 - 2 \\
&:= (((3+3) \times ((3+3)^3 + 3)) - 3)/3 \\
&:= 4 + (444 - 44/4) \\
&:= 5 \times 5 \times 5 + (5^5 - 5)/(5+5) \\
&:= 6 + ((6 \times (66+6)) - 6/6) \\
&:= 7 + (((77 \times 77 - 7)/(7+7)) + 7) \\
&:= 8 \times (8 \times 8 - 8) - 88/8 \\
&:= (((9 \times 9 \times 99) + 9)/(9+9)) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 438 &:= (1+1) \times ((1+1) \times (111-1) - 1) \\
&:= (2 \times (222 - 2)) - 2 \\
&:= (3+3) \times (((3+3)^3 + 3)/3) \\
&:= 444 - ((4+4)/4 + 4) \\
&:= 5 \times 5 \times 5 + (5^5 + 5)/(5+5) \\
&:= 6 + (6 \times (66+6)) \\
&:= 7 + (((77 \times 77 + 7)/(7+7)) + 7) \\
&:= (8-88)/8 + 8 \times (8 \times 8 - 8) \\
&:= 9 + (((9+9)/9)^9) - (((9+9)/9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 439 &:= ((11+11-1)^{1+1}) - 1 - 1 \\
&:= ((22-2/2)^2) - 2 \\
&:= (((3+3) \times ((3+3)^3 + 3)) + 3)/3 \\
&:= 444 - (4/4 + 4) \\
&:= 555 - (555/5 + 5) \\
&:= 6 + ((6 \times (66+6)) + 6/6) \\
&:= 7 \times (7 \times 7 + 7 + 7) - (7+7)/7 \\
&:= 8 \times (8 \times 8 - 8) - (8/8 + 8) \\
&:= 9 + (((9+9)/9)^9) - (9/9 + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 440 &:= (1+1) \times (1+1) \times (111-1) \\
&:= 2 \times (222 - 2) \\
&:= (3/3 + 3) \times ((333 - 3)/3) \\
&:= 444 - 4 \\
&:= (5+5) \times (55 - (55/5)) \\
&:= 6 + ((6 \times (66+6)) + ((6+6)/6)) \\
&:= 7 \times (7 \times 7 + 7 + 7) - 7/7 \\
&:= 8 \times (8 \times 8 - 8) - 8 \\
&:= 9 + (((9+9)/9)^9) - 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 441 &:= (11+11-1)^{1+1} \\
&:= (22-2/2)^2 \\
&:= 3 \times (((3+3) \times (3^3 - 3)) + 3) \\
&:= 4/4 + (444 - 4) \\
&:= ((55/5 + 5) + 5)^{(5+5)/5} \\
&:= 6 + ((6 \times (66+6)) + (6 \times 6/(6+6))) \\
&:= 7 \times (7 \times 7 + 7 + 7) \\
&:= 8/8 + (8 \times (8 \times 8 - 8) - 8) \\
&:= 9 \times ((9 \times 99 - 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 442 &:= 1 + ((11+11-1)^{1+1}) \\
&:= 2 \times 222 - 2 \\
&:= 3 \times 33 + (((3/3+3) + 3)^3) \\
&:= 444 - (4+4)/4 \\
&:= 5 + ((5^5 - 5)/(5+5) + 5 \times 5 \times 5) \\
&:= ((66-6)/6) + (6 \times (66+6)) \\
&:= 7/7 + 7 \times (7 \times 7 + 7 + 7) \\
&:= (8+8)/8 + (8 \times (8 \times 8 - 8) - 8) \\
&:= 9/9 + (9 \times ((9 \times 99 - 9)/(9+9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 443 &:= ((1+1) \times (1+1) \times 111) - 1 \\
&:= 2 + ((22-2/2)^2) \\
&:= 333 + ((333-3)/3) \\
&:= 444 - 4/4 \\
&:= 555 - (555+5)/5 \\
&:= 66/6 + (6 \times (66+6)) \\
&:= ((7+7)/7) + 7 \times (7 \times 7 + 7 + 7) \\
&:= 888/((8+8)/8) - 8/8 \\
&:= 9 + (((9+9) \times (9+9) + (99/9)) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 444 &:= (1+1) \times (1+1) \times 111 \\
&:= 2 \times 222 \\
&:= 333 + 333/3 \\
&:= 444 \\
&:= (5-5/5) \times 555/5 \\
&:= 6 + ((6 \times (66+6)) + 6) \\
&:= (77/7 - 7) \times 777/7 \\
&:= 888/((8+8)/8) \\
&:= (999 \times (9-9/9))/(9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 445 &:= 1 + ((1+1) \times (1+1) \times 111) \\
&:= 2/2 + 2 \times 222 \\
&:= 333 + ((333+3)/3) \\
&:= 4/4 + 444 \\
&:= 555 - (55+55) \\
&:= 6 + (((6 \times (66+6)) + 6/6) + 6) \\
&:= 77/7 + (777 - 7 \times 7 \times 7) \\
&:= 8 + (8 \times (8 \times 8 - 8) - (88/8)) \\
&:= ((9 \times 9 \times 99) - 9)/(9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 446 &:= (1+1) \times (1 + (1+1) \times 111) \\
&:= 2 + 2 \times 222 \\
&:= ((3 \times (33 \times 3^3)) + 3)/(3+3) \\
&:= 444 + (4+4)/4 \\
&:= 5 + (((55/5 + 5) + 5)^{(5+5)/5}) \\
&:= 6 + (((6 \times (66+6)) + ((6+6)/6)) + 6) \\
&:= 7 + (7 \times (7 \times 7 + 7 + 7) - ((7+7)/7)) \\
&:= 8 \times (8 \times 8 - 8) - (8+8)/8 \\
&:= ((9 \times 9 \times 99) + 9)/(9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 447 &:= 1 + ((1+1) \times (1 + (1+1) \times 111)) \\
&:= 2 + (2 \times 222 + 2/2) \\
&:= 3 + (333/3 + 333) \\
&:= 4 + (444 - 4/4) \\
&:= ((5^5 - 5/5) + 5)/(5+5)/5 + 5 \\
&:= ((6/6 + 6) \times ((6+6)/6)^6) - 6/6 \\
&:= 7 + (7 \times (7 \times 7 + 7 + 7) - 7/7) \\
&:= 8 \times (8 \times 8 - 8) - 8/8 \\
&:= 9/9 + (((9 \times 9 \times 99) + 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 448 &:= (1+1) \times (1+1) \times (1+111) \\
&:= 2 \times (222 + 2) \\
&:= (3/3 + 3) \times ((333 + 3)/3) \\
&:= 4 + 444 \\
&:= (5-5/5) \times (555+5)/5 \\
&:= (6/6 + 6) \times ((6+6)/6)^6 \\
&:= 7 + 7 \times (7 \times 7 + 7 + 7) \\
&:= 8 \times (8 \times 8 - 8) \\
&:= (9-9/9) \times ((999+9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 449 &:= 1 + ((1+1) \times (1+1) \times (1+111)) \\
&:= 2/2 + (2 \times (222 + 2)) \\
&:= 3 + (((3 \times (33 \times 3^3)) + 3)/(3+3)) \\
&:= 4 + (444 + 4/4) \\
&:= 5 + ((5-5/5) \times 555/5) \\
&:= 6 + ((6 \times (66+6)) + (66/6)) \\
&:= 7 + (7 \times (7 \times 7 + 7 + 7) + 7/7) \\
&:= 8/8 + 8 \times (8 \times 8 - 8) \\
&:= 9 + (((9+9)/9)^9) - 9 \times 9 + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 450 &:= (1+1) \times (1 + (1+1) \times (1+111)) \\
&:= 2 + (2 \times (222 + 2)) \\
&:= (3+3) \times ((3 \times (3^3 - 3)) + 3) \\
&:= 4 + (444 + (4+4)/4) \\
&:= (5+5) \times (55 - 5 - 5) \\
&:= 666 - 6 \times 6 \times 6 \\
&:= (7-7/7) \times (77 - (7+7)/7) \\
&:= (8+8)/8 + 8 \times (8 \times 8 - 8) \\
&:= 9 \times ((9 \times 99 + 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 451 &:= 1 + ((1 + 1) \times (1 + (1 + 1) \times (1 + 111))) \\
&:= 2 + ((2 \times (222 + 2)) + 2/2) \\
&:= 3 + ((3/3 + 3) \times ((333 + 3)/3)) \\
&:= 4 + ((444 - 4/4) + 4) \\
&:= 5/5 + ((5 + 5) \times (55 - 5 - 5)) \\
&:= 66 + (6 \times 66 - (66/6)) \\
&:= 77/7 \times (7 \times 7 - (7/7 + 7)) \\
&:= 88/8 + (8 \times (8 \times 8 - 8) - 8) \\
&:= ((9 \times 9 \times 99) + 99)/(9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 452 &:= 11 + ((11 + 11 - 1)^{1+1}) \\
&:= 2 \times ((222 + 2) + 2) \\
&:= (3/3 + 3) \times (((333 - 3)/3) + 3) \\
&:= 4 + (444 + 4) \\
&:= (5 + 5)/5 + ((5 + 5) \times (55 - 5 - 5)) \\
&:= 66 + (((6 - 66)/6) + 6 \times 66) \\
&:= 77/7 + 7 \times (7 \times 7 + 7 + 7) \\
&:= 8 + 888/((8 + 8)/8) \\
&:= 9/9 + (((9 \times 9 \times 99) + 99)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 453 &:= 1 + (11 + ((11 + 11 - 1)^{1+1})) \\
&:= 2/2 + (2 \times ((222 + 2) + 2)) \\
&:= (3 \times (3 + 3) \times 3^3) - 33 \\
&:= 4 + ((444 + 4/4) + 4) \\
&:= 5 + ((5 - 5/5) \times (555 + 5)/5) \\
&:= 6 + (((6/6 + 6) \times ((6 + 6)/6)^6) - 6/6) \\
&:= 7 \times 7 \times 7 + (777 - 7)/7 \\
&:= 8 + ((8 \times (8 \times 8 - 8) - (88/8)) + 8) \\
&:= 9 + ((999 \times (9 - 9/9))/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 454 &:= 11 + (((1 + 1) \times (1 + 1) \times 111) - 1) \\
&:= 2 + (2 \times ((222 + 2) + 2)) \\
&:= 3/3 + ((3 \times (3 + 3) \times 3^3) - 33) \\
&:= 444 + (44 - 4)/4 \\
&:= 5 + (((5 - 5/5) \times 555/5) + 5) \\
&:= 6 + (((6/6 + 6) \times ((6 + 6)/6)^6) \\
&:= 7 \times 7 \times 7 + 777/7 \\
&:= 8 + (8 \times (8 \times 8 - 8) - ((8 + 8)/8)) \\
&:= 9 + (((9 \times 9 \times 99) - 9)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 455 &:= 11 + ((1 + 1) \times (1 + 1) \times 111) \\
&:= 22/2 + 2 \times 222 \\
&:= (3 + 3)^3 + (((3^{3+3} - 3)/3) - 3) \\
&:= 444 + 44/4 \\
&:= 5 + ((5 + 5) \times (55 - 5 - 5)) \\
&:= (6/6 + 6) \times (66 - 6/6) \\
&:= 7 \times 77 - (77 + 7) \\
&:= 8 + (8 \times (8 \times 8 - 8) - 8/8) \\
&:= 9 + (((9 \times 9 \times 99) + 9)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 456 &:= 1 + (11 + ((1 + 1) \times (1 + 1) \times 111)) \\
&:= 2 \times (((222 + 2) + 2) + 2) \\
&:= 3 + ((3 \times (3 + 3) \times 3^3) - 33) \\
&:= 4 + (444 + 4 + 4) \\
&:= 5 + (((5 + 5) \times (55 - 5 - 5)) + 5/5) \\
&:= 66 + (6 \times 66 - 6) \\
&:= (7 - 7/7) \times (77 - 7/7) \\
&:= 8 + 8 \times (8 \times 8 - 8) \\
&:= (9 \times (9 \times 9 - (9 + 9))) - 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 457 &:= 11 + ((1 + 1) \times (1 + (1 + 1) \times 111)) \\
&:= 2 + (2 \times 222 + 22/2) \\
&:= (3 + 3)^3 + (((3^{3+3} + 3)/3) - 3) \\
&:= 4 + (((444 + 4/4) + 4) + 4) \\
&:= (((5 + 5)/5)^{5-5/5+5}) - 55 \\
&:= 66 + ((6 \times 66 - 6) + 6/6) \\
&:= 7 + ((7 - 7/7) \times (77 - (7 + 7)/7)) \\
&:= 8 + (8 \times (8 \times 8 - 8) + 8/8) \\
&:= ((9999 + 9)/(9 + 9)) - 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 458 &:= 1 + (11 + ((1 + 1) \times (1 + (1 + 1) \times 111))) \\
&:= 22^2 - (22 + 2 + 2) \\
&:= (3 + 3)^3 + ((3^{3+3} - 3)/3) \\
&:= 4 + ((44 - 4)/4 + 444) \\
&:= (5 \times 5 \times 5 \times 55 - 5)/(5 + 5 + 5) \\
&:= 66 + (((6 + 6)/6 - 6) + 6 \times 66) \\
&:= 7 + (77/7 \times (7 \times 7 - (7/7 + 7))) \\
&:= 8 + (8 \times (8 \times 8 - 8) + ((8 + 8)/8)) \\
&:= 9 + (((((9 + 9)/9)^9) - 9 \times 9) + 9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 459 &:= 11 + ((1 + 1) \times (1 + 1) \times (1 + 111)) \\
&:= 22/2 + (2 \times (222 + 2)) \\
&:= 3 \times (3 \times ((3^3 - 3) + 3^3)) \\
&:= 4 + (444 + 44/4) \\
&:= (5^5 - 555)/5 - 55 \\
&:= 66 + (6 \times 66 - (6 \times 6/(6 + 6))) \\
&:= 7 + (7 \times (7 \times 7 + 7 + 7) + (77/7)) \\
&:= 88/8 + 8 \times (8 \times 8 - 8) \\
&:= (9 + 9 + 9) \times ((9 - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 460 &:= (1 + 1) \times ((11 - 1) \times (1 + 11 + 11)) \\
&:= 22^2 - (22 + 2) \\
&:= (3 + 3)^3 + ((3^{3+3} + 3)/3) \\
&:= 4 \times 4 + 444 \\
&:= 5 + (((5 + 5) \times (55 - 5 - 5)) + 5) \\
&:= 6 \times 66 + ((6 + 6)/6)^6 \\
&:= 7 \times 77 - ((7 + 7)/7 + 77) \\
&:= 8 + (888/((8 + 8)/8) + 8) \\
&:= (9 \times (99 + 9)) - (((9 + 9)/9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 461 &:= ((1 + 1) \times (11 \times (11 + 11 - 1))) - 1 \\
&:= 22^2 - (22 + 2/2) \\
&:= (33 \times (33/3 + 3)) - 3/3 \\
&:= 4 \times 4 + (444 + 4/4) \\
&:= 55/5 + ((5 + 5) \times (55 - 5 - 5)) \\
&:= 66 + (6 \times 66 - 6/6) \\
&:= 7 \times 77 - (7/7 + 77) \\
&:= 8 \times (8 \times 8 - 8) + (88 + 8 + 8)/8 \\
&:= 9/9 + ((9 \times (99 + 9)) - (((9 + 9)/9)^9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 462 &:= (1 + 1) \times (11 \times (11 + 11 - 1)) \\
&:= 22^2 - 22 \\
&:= 33 \times (33/3 + 3) \\
&:= 4 \times 4 + (444 + (4 + 4)/4) \\
&:= 55/5 \times (((5 + 5)/5)^5 + 5) + 5 \\
&:= 66 + 6 \times 66 \\
&:= 77 \times (7 - 7/7) \\
&:= (8 - 8/8) \times (((8 + 8)/8) + 8 \times 8) \\
&:= 99 + ((99 \times 99)/(9 + 9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 463 &:= 1 + ((1 + 1) \times (11 \times (11 + 11 - 1))) \\
&:= 22 + ((22 - 2/2)^2) \\
&:= 3/3 + (33 \times (33/3 + 3)) \\
&:= 4 + ((444 + 44/4) + 4) \\
&:= 5 \times (5 \times 5 + 5) + (5^5 + 5)/(5 + 5) \\
&:= 66 + (6 \times 66 + 6/6) \\
&:= 7/7 + (77 \times (7 - 7/7)) \\
&:= 8 + ((8 \times (8 \times 8 - 8) - 8/8) + 8) \\
&:= 9 + (((9 \times 9 \times 99) - 9)/(9 + 9)) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 464 &:= (1 + 1) \times (111 + 11^{1+1}) \\
&:= 2 + (22^2 - 22) \\
&:= 3 + ((33 \times (33/3 + 3)) - 3/3) \\
&:= 4 + (444 + 4 \times 4) \\
&:= (5 - 5/5) \times (555/5 + 5) \\
&:= 66 + (((6 + 6)/6) + 6 \times 66) \\
&:= 7 \times 77 + ((7 + 7)/7 - 77) \\
&:= 8 + (8 \times (8 \times 8 - 8) + 8) \\
&:= 9 + (((9 \times 9 \times 99) + 9)/(9 + 9)) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 465 &:= 1 + ((1 + 1) \times (111 + 11^{1+1})) \\
&:= 2 + ((22^2 - 22) + 2/2) \\
&:= 3 + (33 \times (33/3 + 3)) \\
&:= 4 + ((444 + 4 \times 4) + 4/4) \\
&:= 5 \times (5 \times 5 \times 5 - ((5 + 5)/5)^5) \\
&:= 66 + ((6 \times 6/(6 + 6)) + 6 \times 66) \\
&:= 77 + (((7 \times 777) - 7)/(7 + 7)) \\
&:= 8 + ((8 \times (8 \times 8 - 8) + 8/8) + 8) \\
&:= 9 + ((9 \times (9 \times 9 - (9 + 9))) - 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 466 &:= (1+1) \times (11 + (1+1) \times 111) \\
&:= 22 + 2 \times 222 \\
&:= 3 + ((33 \times (33/3 + 3)) + 3/3) \\
&:= 444 + (44 / ((4+4)/4)) \\
&:= (5^5 + 5) / 5 - (5 \times ((5+5)/5)^5) \\
&:= 6 + (((6+6)/6)^6 + 6 \times 66) \\
&:= 77 + (((7 \times 777) + 7) / (7+7)) \\
&:= 8 + ((8 \times (8 \times 8 - 8) + ((8+8)/8)) + 8) \\
&:= ((9+9) \times (9+9+9)) - (99/9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 467 &:= 1 + ((1+1) \times (11 + (1+1) \times 111)) \\
&:= 22 + (2 \times 222 + 2/2) \\
&:= ((3+3) \times (3 \times 3^3 - 3)) - 3/3 \\
&:= 4^4 + (4^4 - (44 + 4/4)) \\
&:= 5 + ((5^5 - 5) / (5+5) + 5 \times (5 \times 5 + 5)) \\
&:= (6 \times (66 + 6 + 6)) - 6/6 \\
&:= 7 + (7 \times 77 - ((7+7)/7 + 77)) \\
&:= 8 + (8 \times (8 \times 8 - 8) + (88/8)) \\
&:= (((9+9)/9)^9) - (((9+9+9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 468 &:= (1+1) \times (1 + (11 + (1+1) \times 111)) \\
&:= 22^2 - 2^{2+2} \\
&:= (3+3) \times (3 \times 3^3 - 3) \\
&:= 4^4 + (4^4 - 44) \\
&:= (5 - 5/5) \times ((555 + 5) / 5 + 5) \\
&:= 6 \times (66 + 6 + 6) \\
&:= (7 - 7/7) \times (7/7 + 77) \\
&:= 8 \times 8 \times 8 - (88 / ((8+8)/8)) \\
&:= (9+9) \times (((9-9/9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 469 &:= 1 + ((1+1) \times (1 + (11 + (1+1) \times 111))) \\
&:= 2/2 + (22^2 - 2^{2+2}) \\
&:= 3/3 + ((3+3) \times (3 \times 3^3 - 3)) \\
&:= 4/4 + ((4^4 - 44) + 4^4) \\
&:= (5 - 5/5)^5 - 555 \\
&:= 6/6 + (6 \times (66 + 6 + 6)) \\
&:= 7 + (77 \times (7 - 7/7)) \\
&:= (8 - 8/8) \times ((88/8 - 8) + 8 \times 8) \\
&:= 9 + ((9 \times (99 + 9)) - (((9+9)/9)^9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 470 &:= (1+1) \times (11 + (1+1) \times (1 + 111)) \\
&:= 2 + (22^2 - 2^{2+2}) \\
&:= 3 + (((3+3) \times (3 \times 3^3 - 3)) - 3/3) \\
&:= 4 + ((44 / ((4+4)/4)) + 444) \\
&:= (5 \times (5 \times (5 \times 5 - 5) - 5)) - 5 \\
&:= (6+6)/6 + (6 \times (66 + 6 + 6)) \\
&:= 7 + ((77 \times (7 - 7/7)) + 7/7) \\
&:= 8 + ((8 - 8/8) \times (((8+8)/8) + 8 \times 8)) \\
&:= (9+9)/9 + ((9+9) \times (((9-9/9) + 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 471 &:= (11 + 11)^{1+1} - (1 + 1 + 11) \\
&:= 22^2 - (22/2 + 2) \\
&:= 3 + ((3+3) \times (3 \times 3^3 - 3)) \\
&:= 4 \times 4 + (444 + 44/4) \\
&:= 5/5 + ((5 \times (5 \times (5 \times 5 - 5) - 5)) - 5) - 5 \\
&:= 6 \times (66 - 6) + 666/6 \\
&:= 7 \times 7 \times 7 + ((7+7)/7)^7 \\
&:= 8 + (((8 \times (8 \times 8 - 8) - 8/8) + 8) + 8) \\
&:= 9 + (((99 \times 99) / (9+9+9)) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 472 &:= (11 + 11)^{1+1} - 1 - 11 \\
&:= 22^2 - (2 \times (2 + 2 + 2)) \\
&:= 3 + (((3+3) \times (3 \times 3^3 - 3)) + 3/3) \\
&:= 4 + ((4^4 - 44) + 4^4) \\
&:= 55 + (((5^5 + 5^5) + 5) / (5+5+5)) \\
&:= 6 + (((6+6)/6)^6 + 6 \times 66) + 6 \\
&:= 7 \times (77 - 7) - (77/7 + 7) \\
&:= 8 + ((8 \times (8 \times 8 - 8) + 8) + 8) \\
&:= 9 + (((9 \times 9 \times 99) - 9) / (9+9)) + 9 + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 473 &:= (11 + 11)^{1+1} - 11 \\
&:= 22^2 - 22/2 \\
&:= 33/3 + (33 \times (33/3 + 3)) \\
&:= 44/4 \times (44 - 4/4) \\
&:= 55/5 \times (55 - ((55+5)/5)) \\
&:= 6 + ((6 \times (66 + 6 + 6)) - 6/6) \\
&:= 7 \times 77 + (77/7 - 77) \\
&:= 8 + (((8 \times (8 \times 8 - 8) + 8/8) + 8) + 8) \\
&:= 9 \times 9 \times 9 - (((9+9)/9)^{9-9/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 474 &:= 1 + ((11 + 11)^{1+1} - 11) \\
&:= 22^2 + ((2 - 22)/2) \\
&:= (3 \times ((3+3) \times 3^3 - 3)) - 3 \\
&:= ((44 \times (44 - 4/4) + 4) / 4) \\
&:= 5 + (((5 - 5/5)^5 - 555)) \\
&:= 6 + (6 \times (66 + 6 + 6)) \\
&:= (7 - 7/7) \times ((7+7)/7 + 77) \\
&:= (8 - (8+8)/8) \times (88 - (8/8+8)) \\
&:= ((9+9) \times (9+9+9)) - (99+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 475 &:= 1 + (1 + ((11 + 11)^{1+1} - 11)) \\
&:= 2 + (22^2 - 22/2) \\
&:= (3 \times (3+3) \times 3^3) - 33/3 \\
&:= 444 + (4 \times (4+4) - 4/4) \\
&:= 5 \times (5 \times (5 \times 5 - 5) - 5) \\
&:= 6 + ((6 \times (66 + 6 + 6)) + 6/6) \\
&:= 7 + ((7 - 7/7) \times (7/7 + 77)) \\
&:= 8 + ((8 \times (8 \times 8 - 8) + (88/8)) + 8) \\
&:= ((9+9) \times (9+9+9)) - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 476 &:= (1+1) \times ((1+1) \times (11^{1+1} - (1+1))) \\
&:= 22^2 - 2 \times (2+2) \\
&:= (33/3 + 3) \times (3/3 + 33) \\
&:= 444 + 4 \times (4+4) \\
&:= 5/5 + (5 \times (5 \times (5 \times 5 - 5) - 5)) \\
&:= (6/6 + 6) \times (((6+6)/6) + 66) \\
&:= 7 \times (77 - 7) - (7+7) \\
&:= 88 \times 88 / (8+8) - 8 \\
&:= (((9+9)/9)^9) - ((9+9+9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 477 &:= 1 + ((1+1) \times ((1+1) \times (11^{1+1} - (1+1)))) \\
&:= 2 + ((22^2 - 22/2) + 2) \\
&:= 3 \times ((3+3) \times 3^3 - 3) \\
&:= 4 + (44/4 \times (44 - 4/4)) \\
&:= (5+5)/5 + (5 \times (5 \times (5 \times 5 - 5) - 5)) \\
&:= 6 + (6 \times (66 - 6) + 666/6) \\
&:= 7/7 + (7 \times (77 - 7) - (7+7)) \\
&:= (8/8 + 8) \times (8 \times 8 - 88/8) \\
&:= ((9+9) \times (9+9+9)) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 478 &:= (1+1) \times ((1+1) \times (11^{1+1} - 1) - 1) \\
&:= 22^2 - (2 + 2 + 2) \\
&:= 3/3 + (3 \times ((3+3) \times 3^3 - 3)) \\
&:= 4^4 + (444 / ((4+4)/4)) \\
&:= 5 + (55/5 \times (55 - ((55+5)/5))) \\
&:= ((66 - 6)/6) + (6 \times (66 + 6 + 6)) \\
&:= 7 + (((7+7)/7)^7 + 7 \times 7 \times 7) \\
&:= (88 \times 88 - (88+8)) / (8+8) \\
&:= 9/9 + (((9+9) \times (9+9+9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 479 &:= ((1+1) \times (1+1) \times (11^{1+1} - 1)) - 1 \\
&:= 22^2 - (2/2 + 2 + 2) \\
&:= ((3 - 3/3)^{3 \times 3}) - 33 \\
&:= ((44 \times 44 - 4) / 4) - 4 \\
&:= 5 + (((5 - 5/5)^5 - 555) + 5) \\
&:= 66/6 + (6 \times (66 + 6 + 6)) \\
&:= 7 \times (77 - 7) - 77/7 \\
&:= 8 \times 8 \times 8 - ((8/8 + 8 + 8 + 8) + 8) \\
&:= (9+9)/9 + (((9+9) \times (9+9+9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 480 &:= (1+1) \times (1+1) \times (11^{1+1} - 1) \\
&:= 22^2 - 2 - 2 \\
&:= 3 + (3 \times ((3+3) \times 3^3 - 3)) \\
&:= (4+4) \times (4 \times 4 + 44) \\
&:= 5 + (5 \times (5 \times (5 \times 5 - 5) - 5)) \\
&:= 6 + ((6 \times (66 + 6 + 6)) + 6) \\
&:= (7/7 + 7) \times (77/7 + 7 \times 7) \\
&:= 8 \times (8 \times 8 - (8 / ((8+8)/8))) \\
&:= (9/9 - 9 \times 9) \times (((9+9+9)/9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 481 &:= (11 + 11)^{1+1} - 1 - 1 - 1 \\
&:= 22^2 - 2/2 - 2 \\
&:= 3 + ((3 \times ((3 + 3) \times 3^3 - 3)) + 3/3) \\
&:= ((44 \times 44 + 4)/4) - 4 \\
&:= (5555 - 5^5)/5 - 5 \\
&:= (6/6 + 6 + 6) \times (6 \times 6 + 6/6) \\
&:= 7 \times (77 - 7) - ((7 + 7)/7 + 7) \\
&:= 8/8 + (8 \times (8 \times 8 - (8/((8 + 8)/8)))) \\
&:= 9 \times 9 + ((99/9 + 9)^{(9+9)/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 482 &:= (11 + 11)^{1+1} - 1 - 1 \\
&:= 22^2 - 2 \\
&:= 3 + (((3 - 3/3)^{3 \times 3}) - 33) \\
&:= (44 \times 44 - (4 + 4))/4 \\
&:= ((5555 - 5^5 + 5)/5) - 5 \\
&:= 6 + ((6/6 + 6) \times (((6 + 6)/6) + 66)) \\
&:= 7 \times (77 - 7) - (7/7 + 7) \\
&:= 8 \times 8 \times 8 - ((88 + 88)/8 + 8) \\
&:= ((9 \times ((9 \times (99 + 9)) - 9)) + 9)/(9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 483 &:= (11 + 11)^{1+1} - 1 \\
&:= 22^2 - 2/2 \\
&:= (3 \times (3 + 3) \times 3^3) - 3 \\
&:= (44 \times 44 - 4)/4 \\
&:= 5 \times 55 + ((5^5 - 5)/(5 + 5 + 5)) \\
&:= (6/6 + 6) \times (6 \times 6/(6 + 6) + 66) \\
&:= 7 \times (77 - 7) - 7 \\
&:= 88 \times 88/(8 + 8) - 8/8 \\
&:= ((9 + 9 + 9)/9) \times (9 \times (9 + 9) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 484 &:= (11 + 11)^{1+1} \\
&:= 22^2 \\
&:= 3/3 + ((3 \times (3 + 3) \times 3^3) - 3) \\
&:= 44 \times 44/4 \\
&:= 55/5 \times (55 - (55/5)) \\
&:= ((66 + 66)/6)^{(6+6)/6} \\
&:= 7/7 + (7 \times (77 - 7) - 7) \\
&:= 88 \times 88/(8 + 8) \\
&:= ((99 + 99)/9)^{(9+9)/9}
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 485 &:= 1 + (11 + 11)^{1+1} \\
&:= 2/2 + 22^2 \\
&:= ((3 - 3/3)^{3 \times 3}) - 3^3 \\
&:= (44 \times 44 + 4)/4 \\
&:= 5 + ((5 \times (5 \times (5 \times 5 - 5) - 5)) + 5) \\
&:= 6 + ((6 \times (66 + 6 + 6)) + (66/6)) \\
&:= ((7 + 7)/7) + (7 \times (77 - 7) - 7) \\
&:= 8/8 + 88 \times 88/(8 + 8) \\
&:= (((9 + 9)/9)^9) - (9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 486 &:= 1 + (1 + (11 + 11)^{1+1}) \\
&:= 2 + 22^2 \\
&:= 3 \times (3 + 3) \times 3^3 \\
&:= ((44 \times 44 + 4)/4) + 4 \\
&:= (5555 - 5^5)/5 \\
&:= 666 + (6 \times (6 - 6 \times 6)) \\
&:= 7 + (7 \times (77 - 7) - (77/7)) \\
&:= 8 \times 8 \times 8 + ((8 - 88)/8 - (8 + 8)) \\
&:= (9 + 9) \times (9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 487 &:= 1 + (1 + (1 + (11 + 11)^{1+1})) \\
&:= 2 + 22^2 + 2/2 \\
&:= 3/3 + (3 \times (3 + 3) \times 3^3) \\
&:= 4 + ((44 \times 44 - 4)/4) \\
&:= (5555 - 5^5 + 5)/5 \\
&:= 6 + ((6/6 + 6 + 6) \times (6 \times 6 + 6/6)) \\
&:= 7 \times (77 - 7) - (7 + 7 + 7)/7 \\
&:= 8 \times 8 \times 8 - (8/8 + 8 + 8 + 8) \\
&:= 9/9 + ((9 + 9) \times (9 + 9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 488 &:= (1 + 1) \times ((1 + 1) \times (1 + 11^{1+1})) \\
&:= 2 + 22^2 + 2 \\
&:= 3 + (((3 - 3/3)^{3 \times 3}) - 3^3) \\
&:= 44 + 444 \\
&:= (5 - 5/5) \times ((555 + 55)/5) \\
&:= ((6 + 6)/6 + 6) \times ((66 - 6) + 6/6) \\
&:= 7 \times (77 - 7) - (7 + 7)/7 \\
&:= 8 \times 8 \times 8 - 8 - 8 - 8 \\
&:= (9 + 9)/9 + ((9 + 9) \times (9 + 9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 489 &:= 1 + ((1 + 1) \times ((1 + 1) \times (1 + 11^{1+1}))) \\
&:= 2 + 22^2 + 2/2 + 2 \\
&:= 3 + (3 \times (3 + 3) \times 3^3) \\
&:= 4 + ((44 \times 44 + 4)/4) \\
&:= 555 - (55/5 + 55) \\
&:= 666 - (666/6 + 66) \\
&:= 7 \times (77 - 7) - 7/7 \\
&:= 8/8 + (8 \times 8 \times 8 - (8 + 8 + 8)) \\
&:= ((9 + 9 + 9)/9) + ((9 + 9) \times (9 + 9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 490 &:= (1 + 1) \times (1 + ((1 + 1) \times (1 + 11^{1+1}))) \\
&:= 2 + 22^2 + 2 + 2 \\
&:= 3 + ((3 \times (3 + 3) \times 3^3) + 3/3) \\
&:= 4 + (((44 \times 44 + 4) + 4)/4) \\
&:= (5 + 5) \times (55 - (5/5 + 5)) \\
&:= (6/6 + 6) \times (((6 + 6)/6)^6 + 6) \\
&:= 7 \times (77 - 7) \\
&:= 8 \times 8 \times 8 - (88 + 88)/8 \\
&:= (((9 \times 999) - 9)/(9 + 9)) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 491 &:= 1 + ((1 + 1) \times (1 + ((1 + 1) \times (1 + 11^{1+1})))) \\
&:= 2 + 22^2 + 2/2 + 2 + 2 \\
&:= 3 + (((((3 - 3/3)^{3 \times 3}) - 3^3) + 3) \\
&:= 4 + (((44 \times 44 - 4)/4) + 4) \\
&:= 5 + (5555 - 5^5)/5 \\
&:= 6 \times 6 + ((6/6 + 6) \times (66 - 6/6)) \\
&:= 7/7 + 7 \times (77 - 7) \\
&:= 8 + (88 \times 88/(8 + 8) - 8/8) \\
&:= (((9 \times 999) + 9)/(9 + 9)) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 492 &:= (1 + 1) \times ((1 + 1) \times (1 + (1 + 11^{1+1}))) \\
&:= 2 \times (2 + 2) + 22^2 \\
&:= 3 + ((3 \times (3 + 3) \times 3^3) + 3) \\
&:= 4 + (444 + 44) \\
&:= 5 + ((5555 - 5^5 + 5)/5) \\
&:= 66 + ((6 \times (66 + 6)) - 6) \\
&:= ((7 + 7)/7) + 7 \times (77 - 7) \\
&:= 8 + 88 \times 88/(8 + 8) \\
&:= (((9 + 9)/9)^9) - (99/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 493 &:= 11 + ((11 + 11)^{1+1} - (1 + 1)) \\
&:= 22/2 + (22^2 - 2) \\
&:= 3 + (((3 \times (3 + 3) \times 3^3) + 3/3) + 3) \\
&:= 4 + (((44 \times 44 + 4)/4) + 4) \\
&:= 555 + ((5 - 5^5/5)/(5 + 5)) \\
&:= ((6 + 6) \times (6 \times 6 + 6)) - 66/6 \\
&:= 7 \times (77 - 7) + (7 + 7 + 7)/7 \\
&:= 8 \times 8 \times 8 - (88/8 + 8) \\
&:= (((9 + 9)/9)^9) - (9/9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 494 &:= 11 + ((11 + 11)^{1+1} - 1) \\
&:= 2 + 2 \times (2 + 2) + 22^2 \\
&:= ((3 - 3/3)^{3 \times 3}) - (3 \times (3 + 3)) \\
&:= ((44 \times 44 - 4) + 44)/4 \\
&:= 555 - ((55 + 5/5) + 5) \\
&:= ((6 - 66)/6) + ((6 + 6) \times (6 \times 6 + 6)) \\
&:= 77/7 + (7 \times (77 - 7) - 7) \\
&:= 8 \times 8 \times 8 + ((8 - 88)/8 - 8) \\
&:= (((9 + 9)/9)^9) - (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 495 &:= 11 + (11 + 11)^{1+1} \\
&:= 22/2 + 22^2 \\
&:= 3 \times ((3 + 3) \times 3^3 + 3) \\
&:= 44/4 \times (44 + 4/4) \\
&:= 55 \times (5 - 5/5 + 5) \\
&:= 6 \times 66 + (666/6 - (6 + 6)) \\
&:= 7 + (7 \times (77 - 7) - ((7 + 7)/7)) \\
&:= 8 \times 8 \times 8 - (8/8 + 8 + 8) \\
&:= 9 + ((9 + 9) \times (9 + 9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 496 &:= 1 + (11 + (11 + 11)^{1+1}) \\
&:= 22^2 + (2 \times (2 + 2 + 2)) \\
&:= 3/3 + (3 \times ((3 + 3) \times 3^3 + 3)) \\
&:= 4 \times (4 \times 4 \times (4 + 4) - 4) \\
&:= 5/5 + (55 \times (5 - 5/5 + 5)) \\
&:= ((6 + 6)/6)^6 + (6 \times (66 + 6)) \\
&:= 7 + (7 \times (77 - 7) - 7/7) \\
&:= 8 \times 8 \times 8 - 8 - 8 \\
&:= 9 + (((9 + 9) \times (9 + 9 + 9)) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 497 &:= 1 + (1 + (11 + (11 + 11)^{1+1})) \\
&:= 2 + (22/2 + 22^2) \\
&:= 33/3 + (3 \times (3 + 3) \times 3^3) \\
&:= 4/4 + ((4^4 - 4 \times 4) + 4^4) \\
&:= 555 + ((5 + 5)/5 - (55 + 5)) \\
&:= 66 + ((6 \times (66 + 6)) - 6/6) \\
&:= 7 + 7 \times (77 - 7) \\
&:= 8/8 + (8 \times 8 \times 8 - (8 + 8)) \\
&:= 99/9 + ((9 + 9) \times (9 + 9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 498 &:= (11 - 1)^{1+1+1}/(1 + 1) - 1 - 1 \\
&:= 2^{2+2} + (22^2 - 2) \\
&:= 3 + (3 \times ((3 + 3) \times 3^3 + 3)) \\
&:= 4^4 + (44 \times 44/(4 + 4)) \\
&:= 555 - ((5 + 5)/5 + 55) \\
&:= 66 + (6 \times (66 + 6)) \\
&:= 7 + (7 \times (77 - 7) + 7/7) \\
&:= 8 \times 8 \times 8 + (((8 + 8)/8) - (8 + 8)) \\
&:= ((99 + 9)/9) + ((9 + 9) \times (9 + 9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 499 &:= (11 - 1)^{1+1+1}/(1 + 1) - 1 \\
&:= 2 + 22/2 + 22^2 + 2 \\
&:= ((3 \times (3 \times 333)) - 3)/(3 + 3) \\
&:= 4 + 44/4 \times (44 + 4/4) \\
&:= 555 - (55 + 5/5) \\
&:= 66 + ((6 \times (66 + 6)) + 6/6) \\
&:= 7 + (7 \times (77 - 7) + ((7 + 7)/7)) \\
&:= 8 \times 8 \times 8 - (88 + 8 + 8)/8 \\
&:= ((9 \times 999) - 9)/(9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 500 &:= (11 - 1)^{1+1+1}/(1 + 1) \\
&:= 2^{2+2} + 22^2 \\
&:= (3/3 + 3) \times ((3 - 3/3 + 3)^3) \\
&:= 4 + ((4^4 - 4 \times 4) + 4^4) \\
&:= 5 \times 5 \times (5 \times 5 - 5) \\
&:= 66 + ((6 \times (66 + 6)) + ((6 + 6)/6)) \\
&:= 7 \times (77 - 7) + (77 - 7)/7 \\
&:= 8 \times 8 \times 8 - (88 + 8)/8 \\
&:= ((9 \times 999) + 9)/(9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 501 &:= (1 + 1)^{11-1-1} - 11 \\
&:= 2/2 + 2^{2+2} + 22^2 \\
&:= ((3 + 3) \times (3 \times 3^3 + 3)) - 3 \\
&:= 4^4 + (4^4 - 44/4) \\
&:= 5/5 + (5 \times 5 \times (5 \times 5 - 5)) \\
&:= 6 \times 66 + (666/6 - 6) \\
&:= 77/7 + 7 \times (77 - 7) \\
&:= 8 \times 8 \times 8 - 88/8 \\
&:= (((9 + 9)/9)^9) - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 502 &:= 1 + (1 + 1)^{11-1-1} - 11 \\
&:= 2 + 2^{2+2} + 22^2 \\
&:= 3 + ((3 \times 3 \times 333 - 3)/(3 + 3)) \\
&:= 4^4 + ((4 - 44)/4 + 4^4) \\
&:= 555 + ((5 + 5)/5 - 55) \\
&:= ((6 + 6) \times (6 \times 6 + 6)) - (6 + 6)/6 \\
&:= 7 \times (77 - 7) + (77 + 7)/7 \\
&:= 8 \times 8 \times 8 + (8 - 88)/8 \\
&:= (((9 + 9)/9)^9) - 9/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 503 &:= 1 + 1 + (1 + 1)^{11-1-1} - 11 \\
&:= 22 + 22^2 - (2/2 + 2) \\
&:= ((3 - 3/3)^{3 \times 3}) - 3 \times 3 \\
&:= (((4 + 4) \times (4^4 - 4)) - 4)/4 \\
&:= (5^5 - (555 + 55))/5 \\
&:= ((6 + 6) \times (6 \times 6 + 6)) - 6/6 \\
&:= 7 + ((7 \times (77 - 7) - 7/7) + 7) \\
&:= 8 \times 8 \times 8 - (8/8 + 8) \\
&:= (((9 + 9)/9)^9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 504 &:= (1 + 1) \times ((1 + 11) \times (11 + 11 - 1)) \\
&:= 22 + 22^2 - 2 \\
&:= (3 + 3) \times (3 \times 3^3 + 3) \\
&:= 4^4 + (4^4 - 4 - 4) \\
&:= 5 + (555 - (55 + 5/5)) \\
&:= (6 + 6) \times (6 \times 6 + 6) \\
&:= 7 + (7 \times (77 - 7) + 7) \\
&:= 8 \times 8 \times 8 - 8 \\
&:= 9 + (((9 + 9) \times (9 + 9 + 9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 505 &:= (11111 - 1)/(11 + 11) \\
&:= 22 + 22^2 - 2/2 \\
&:= 3/3 + ((3 + 3) \times (3 \times 3^3 + 3)) \\
&:= (((4 + 4) \times (4^4 - 4)) + 4)/4 \\
&:= 5 + (5 \times 5 \times (5 \times 5 - 5)) \\
&:= 6/6 + ((6 + 6) \times (6 \times 6 + 6)) \\
&:= 7 + ((7 \times (77 - 7) + 7/7) + 7) \\
&:= 8/8 + (8 \times 8 \times 8 - 8) \\
&:= (9 + 9)/9 + (((9 + 9)/9)^9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 506 &:= (1 + 1) \times 11 \times (1 + 11 + 11) \\
&:= 22 + 22^2 \\
&:= ((3 - 3/3)^{3 \times 3}) - (3 + 3) \\
&:= 4^4 + (4^4 - ((4 + 4)/4 + 4)) \\
&:= 5 + ((5 \times 5 \times (5 \times 5 - 5)) + 5/5) \\
&:= (6 + 6)/6 + ((6 + 6) \times (6 \times 6 + 6)) \\
&:= 7 + ((7 \times (77 - 7) + ((7 + 7)/7)) + 7) \\
&:= 8 \times 8 \times 8 + (((8 + 8)/8) - 8) \\
&:= 9 + (((9 + 9) \times (9 + 9 + 9)) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 507 &:= (1 + 1 + 1) \times (1 + 1 + 11)^{1+1} \\
&:= 22 + 22^2 + 2/2 \\
&:= 3 + ((3 + 3) \times (3 \times 3^3 + 3)) \\
&:= 4^4 + (4^4 - (4/4 + 4)) \\
&:= (((5 + 5)/5)^{5-5/5+5}) - 5 \\
&:= 6 \times 66 + 666/6 \\
&:= 7 + (7 \times (77 - 7) + ((77 - 7)/7)) \\
&:= 8 \times 8 \times 8 + (88/8 - (8 + 8)) \\
&:= (((9 + 9)/9)^9) + ((9 - 99)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 508 &:= 1 + (1 + 1 + 1) \times (1 + 1 + 11)^{1+1} \\
&:= 2 + 22^2 + 22 \\
&:= ((3 - 3/3)^{3 \times 3}) - (3/3 + 3) \\
&:= 4^4 + (4^4 - 4) \\
&:= ((5^5 - (555 + 5))/5) - 5 \\
&:= 6 \times 66 + (666 + 6)/6 \\
&:= 7 + (7 \times (77 - 7) + (77/7)) \\
&:= 8 \times 8 \times 8 - (8/((8 + 8)/8)) \\
&:= 9 + (((9 \times 999) - 9)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 509 &:= (1 + 1)^{11-1-1} - 1 - 1 - 1 \\
&:= 2 + 22^2 + 2/2 + 22 \\
&:= ((3 - 3/3)^{3 \times 3}) - 3 \\
&:= 4/4 + ((4^4 - 4) + 4^4) \\
&:= (5^5 - 555)/5 - 5 \\
&:= 6 + (((6 + 6) \times (6 \times 6 + 6)) - 6/6) \\
&:= 7 + (7 \times (77 - 7) + (77 + 7)/7) \\
&:= 8 + (8 \times 8 \times 8 - 88/8) \\
&:= 9 + (((9 \times 999) + 9)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 510 &:= (1 + 1)^{11-1-1} - 1 - 1 \\
&:= 2^{(2/2+2)^2} - 2 \\
&:= 3^{3+3} - ((3 + 3)^3 + 3) \\
&:= 4^4 + (4^4 - (4 + 4)/4) \\
&:= 5 + ((5 \times 5 \times (5 \times 5 - 5)) + 5) \\
&:= 6 + ((6 + 6) \times (6 \times 6 + 6)) \\
&:= (7 - 7/7) \times (7/7 + 77 + 7) \\
&:= 8 \times 8 \times 8 - (8 + 8)/8 \\
&:= (((9 + 9)/9)^9) - (9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 511 &:= (1+1)^{11-1-1} - 1 \\
&:= 2^{(2/2+2)^2} - 2/2 \\
&:= ((3-3/3)^{3 \times 3}) - 3/3 \\
&:= 4^4 + (4^4 - 4/4) \\
&:= 555 + (55/5 - 55) \\
&:= 6 + (((6+6) \times (6 \times 6 + 6)) + 6/6) \\
&:= 7 \times (77 + 7) - 77 \\
&:= 8 \times 8 \times 8 - 8/8 \\
&:= (((9+9)/9)^9) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 512 &:= (1+1)^{11-1-1} \\
&:= 2^{(2/2+2)^2} \\
&:= (3-3/3)^{3 \times 3} \\
&:= 4^4 + 4^4 \\
&:= ((5+5)/5)^{5-5/5+5} \\
&:= ((6+6)/6)^{6 \times 6 / (6+6) + 6} \\
&:= (7/7 + 7)^{(7+7+7)/7} \\
&:= 8 \times 8 \times 8 \\
&:= ((9+9)/9)^9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 513 &:= 1 + (1+1)^{11-1-1} \\
&:= 2/2 + 2^{(2/2+2)^2} \\
&:= 3^{3+3} - (3+3)^3 \\
&:= 4/4 + (4^4 + 4^4) \\
&:= (5^5 - (555 + 5))/5 \\
&:= 6 + (666/6 + 6 \times 66) \\
&:= 7/7 + ((7/7 + 7)^{(7+7+7)/7}) \\
&:= 8/8 + 8 \times 8 \times 8 \\
&:= 9/9 + (((9+9)/9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 514 &:= 1 + 1 + (1+1)^{11-1-1} \\
&:= 2 + 2^{(2/2+2)^2} \\
&:= 3 + (((3-3/3)^{3 \times 3}) - 3/3) \\
&:= 4^4 + ((4+4)/4 + 4^4) \\
&:= (5^5 - 555)/5 \\
&:= 6 + ((666+6)/6 + 6 \times 66) \\
&:= 7 \times 77 - (77/7 + 7 + 7) \\
&:= 8 \times 8 \times 8 + (8+8)/8 \\
&:= (9+9)/9 + (((9+9)/9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 515 &:= 1 + 1 + 1 + (1+1)^{11-1-1} \\
&:= 2 + ((2^{(2/2+2)^2}) + 2/2) \\
&:= 3 + ((3-3/3)^{3 \times 3}) \\
&:= 4 + ((4^4 - 4/4) + 4^4) \\
&:= 5^5/5 - (55 + 55) \\
&:= 66/6 + ((6+6) \times (6 \times 6 + 6)) \\
&:= 7 + ((7 \times (77 - 7) + (77/7)) + 7) \\
&:= 8 \times 8 \times 8 + (88/8 - 8) \\
&:= (((9+9)/9)^9) + ((9+9+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 516 &:= 1 + 1 + 1 + 1 + (1+1)^{11-1-1} \\
&:= 2 \times (2^{2 \times (2+2)} + 2) \\
&:= 3 + (3^{3+3} - (3+3)^3) \\
&:= 4 + (4^4 + 4^4) \\
&:= (5^5 + 5)/5 - (55 + 55) \\
&:= 6 + (((6+6) \times (6 \times 6 + 6)) + 6) \\
&:= (7 - 7/7) \times (((7+7)/7 + 77) + 7) \\
&:= 8 \times 8 \times 8 + (8/((8+8)/8)) \\
&:= (((9+9)/9)^9) + ((9 \times 9 - 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 517 &:= 11 \times (1 + (1+1) \times (1 + 11 + 11)) \\
&:= 22 + (22/2 + 22^2) \\
&:= 3 + (((3-3/3)^{3 \times 3}) - 3/3) + 3 \\
&:= 4 + ((4/4 + 4^4) + 4^4) \\
&:= 5 + ((5+5)/5)^{5-5/5+5} \\
&:= (66/6) \times (66/6 + 6 \times 6) \\
&:= 77/7 \times 7 \times 7 - (7+7)/7 \\
&:= 8 + ((8 \times 8 \times 8 - 88/8) + 8) \\
&:= 9 + (((9 \times 999) - 9)/(9+9)) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 518 &:= (1 + 11 + 11)^{1+1} - 11 \\
&:= 2 + (2 \times (2^{2 \times (2+2)} + 2)) \\
&:= 3 + (((3-3/3)^{3 \times 3}) + 3) \\
&:= 4 + (((4+4)/4 + 4^4) + 4^4) \\
&:= 5 + ((5^5 - (555 + 5))/5) \\
&:= 6 + (((6+6)/6)^{6 \times 6 / (6+6) + 6}) \\
&:= 7 \times 77 - (7 + 7 + 7) \\
&:= 8 + (8 \times 8 \times 8 - ((8+8)/8)) \\
&:= 9 + (((9 \times 999) + 9)/(9+9)) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 519 &:= 1 + (1 + 11 + 11)^{1+1} - 11 \\
&:= 2 + ((2 \times (2^{2 \times (2+2)} + 2)) + 2/2) \\
&:= 33 + (3 \times (3 + 3) \times 3^3) \\
&:= (((4+4) \times (4^4 + 4)) - 4)/4 \\
&:= 5 + (5^5 - 555)/5 \\
&:= 6 + ((666/6 + 6 \times 66) + 6) \\
&:= 7 + ((7/7 + 7)^{(7+7+7)/7}) \\
&:= 8 + (8 \times 8 \times 8 - 8/8) \\
&:= 9 + (((9+9)/9)^9) - ((9+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 520 &:= 1 + 1 + (1 + 11 + 11)^{1+1} - 11 \\
&:= 2 \times ((2^{2 \times (2+2)} + 2) + 2) \\
&:= 3 \times 3 + (((3-3/3)^{3 \times 3}) - 3/3) \\
&:= 4 + ((4^4 + 4^4) + 4) \\
&:= (5^5 - 5)/(5/5 + 5) \\
&:= ((6+6)/6 + 6) \times (66 - 6/6) \\
&:= 7 \times 77 - ((77+7)/7 + 7) \\
&:= 8 + 8 \times 8 \times 8 \\
&:= 9 + (((9+9)/9)^9) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 521 &:= 11 + (1+1)^{11-1-1} - (1+1) \\
&:= (22/2)^2 + (22 - 2)^2 \\
&:= 3 \times 3 + ((3-3/3)^{3 \times 3}) \\
&:= (((4+4) \times (4^4 + 4)) + 4)/4 \\
&:= (5^5 + 5/5)/(5/5 + 5) \\
&:= 6 + (((6+6) \times (6 \times 6 + 6)) + (66/6)) \\
&:= 7 \times 77 - (77/7 + 7) \\
&:= 8 + (8 \times 8 \times 8 + 8/8) \\
&:= 9 + (((9+9)/9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 522 &:= 11 + (1+1)^{11-1-1} - 1 \\
&:= 2 + ((2+2+2)^2 + 22^2) \\
&:= (3+3) \times (3 \times 3^3 + 3+3) \\
&:= 4^4 + ((44-4)/4 + 4^4) \\
&:= 5 + ((5+5)/5)^{5-5/5+5} + 5 \\
&:= 666 - (6+6) \times (6+6) \\
&:= 7 \times 77 + (((7-77)/7) - 7) \\
&:= 8 + (8 \times 8 \times 8 + (8+8)/8) \\
&:= 9 + (((9+9)/9)^9) + 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 523 &:= 11 + (1+1)^{11-1-1} \\
&:= 22/2 + (2^{(2/2+2)^2}) \\
&:= 33/3 + ((3-3/3)^{3 \times 3}) \\
&:= 4^4 + (44/4 + 4^4) \\
&:= 555 - ((5+5)/5)^5 \\
&:= 6 + ((66/6) \times (66/6 + 6 \times 6)) \\
&:= 7 \times 77 - (((7+7)/7 + 7) + 7) \\
&:= 8 \times 8 \times 8 + 88/8 \\
&:= 99/9 + (((9+9)/9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 524 &:= 1 + 11 + (1+1)^{11-1-1} \\
&:= 2 \times (22^2 - 222) \\
&:= 3 + (((3-3/3)^{3 \times 3}) + 3 \times 3) \\
&:= (44 \times ((4+4) + 4)) - 4 \\
&:= 5 + ((5^5 - 555)/5 + 5) \\
&:= 6 \times 66 + (((6+6)/6)^{6/6+6}) \\
&:= 7 \times 77 - (7/7 + 7 + 7) \\
&:= 8 \times 8 \times 8 + (88+8)/8 \\
&:= (((9+9)/9)^9) + (99+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 525 &:= 1 + 1 + 11 + (1+1)^{11-1-1} \\
&:= ((22+2/2)^2) - 2 - 2 \\
&:= 3 + ((3+3) \times (3 \times 3^3 + 3+3)) \\
&:= 444 + (4-4/4)^4 \\
&:= 5 \times (5 \times (5 \times 5 - 5) + 5) \\
&:= (6-6/6) \times (666/6 - 6) \\
&:= 7 \times 77 - (7+7) \\
&:= 8 \times 8 \times 8 + (88+8+8)/8 \\
&:= (((9+9)/9)^9) + ((99+9+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 526 &:= (1+1) \times ((1+1) \times 11 \times (1+11) - 1) \\
&:= (22 \times (22+2)) - 2 \\
&:= 3 + (((3-3/3)^{3 \times 3}) + 33/3) \\
&:= (44 \times ((4+4) + 4)) - (4+4)/4 \\
&:= 5 + ((5^5 + 5/5)/(5/5 + 5)) \\
&:= 6 + (((6+6)/6 + 6) \times (66 - 6/6)) \\
&:= 7/7 + (7 \times 77 - (7+7)) \\
&:= 8 + ((8 \times 8 \times 8 - ((8+8)/8)) + 8) \\
&:= 9 \times 9 + (((9 \times 9 \times 99) - 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 527 &:= (1+11+11)^{1+1} - 1 - 1 \\
&:= ((22+2/2)^2) - 2 \\
&:= 3 + (((3-3/3)^{3 \times 3}) + 3 \times 3) + 3) \\
&:= (44 \times ((4+4) + 4)) - 4/4 \\
&:= 555 + ((5+5)/5 - (5 \times 5 + 5)) \\
&:= (66 \times ((6+6)/6 + 6)) - 6/6 \\
&:= 7 \times 77 - (77+7)/7 \\
&:= 8 + ((8 \times 8 \times 8 - 8/8) + 8) \\
&:= 9 \times 9 + (((9 \times 9 \times 99) + 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 528 &:= (1+11+11)^{1+1} - 1 \\
&:= 22 \times (22+2) \\
&:= 33 \times (3^3 - 33/3) \\
&:= 44 \times ((4+4) + 4) \\
&:= 5 + (555 - ((5+5)/5)^5) \\
&:= 66 \times ((6+6)/6 + 6) \\
&:= 7 \times 77 - 77/7 \\
&:= 8 + (8 \times 8 \times 8 + 8) \\
&:= 9 + (((((9+9)/9)^9) - ((9+9)/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 529 &:= (1+11+11)^{1+1} \\
&:= (22+2/2)^2 \\
&:= (3^3 - 3/3 - 3)^{3-3/3} \\
&:= 4/4 + (44 \times ((4+4) + 4)) \\
&:= 555 - (5 \times 5 + 5/5) \\
&:= 6/6 + (66 \times ((6+6)/6 + 6)) \\
&:= 7 \times 77 + (7 - 77)/7 \\
&:= 8 + ((8 \times 8 \times 8 + 8/8) + 8) \\
&:= 9 + (((((9+9)/9)^9) - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 530 &:= 1 + (1+11+11)^{1+1} \\
&:= 2 + (22 \times (22+2)) \\
&:= (3 \times (3+3)) + ((3-3/3)^{3 \times 3}) \\
&:= (4+4)/4 + (44 \times ((4+4) + 4)) \\
&:= 555 - 5 \times 5 \\
&:= (6+6)/6 + (66 \times ((6+6)/6 + 6)) \\
&:= 7 \times 77 - ((7+7)/7 + 7) \\
&:= 8 + ((8 \times 8 \times 8 + (8+8)/8) + 8) \\
&:= 9 + (((9+9)/9)^9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 531 &:= 1+1+(1+11+11)^{1+1} \\
&:= 2 + ((22+2/2)^2) \\
&:= 3 \times ((3 \times (3^3 + 33)) - 3) \\
&:= 4 + ((44 \times ((4+4) + 4)) - 4/4) \\
&:= 5/5 + (555 - 5 \times 5) \\
&:= 6 + ((6-6/6) \times (666/6 - 6)) \\
&:= 7 \times 77 - (7/7 + 7) \\
&:= 8 + (8 \times 8 \times 8 + 88/8) \\
&:= 9 \times 9 \times 9 - (99+99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 532 &:= 1+1+1+(1+11+11)^{1+1} \\
&:= 2 + ((22 \times (22+2)) + 2) \\
&:= 3 + ((3^3 - 3/3 - 3)^{3-3/3}) \\
&:= 4 + (44 \times ((4+4) + 4)) \\
&:= 555 + ((5+5)/5 - 5 \times 5) \\
&:= (6/6 + 6) \times (((6+6)/6)^6 + 6) + 6) \\
&:= 7 \times 77 - 7 \\
&:= 8 + (((88+8)/8) + 8 \times 8 \times 8) \\
&:= 9 + (((9+9)/9)^9) + (99/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 533 &:= 1+1+1+1+(1+11+11)^{1+1} \\
&:= 2 + (((22+2/2)^2) + 2) \\
&:= 3 + (((3-3/3)^{3 \times 3}) + (3 \times (3+3))) \\
&:= 4 + ((44 \times ((4+4) + 4)) + 4/4) \\
&:= 555 - (55+55)/5 \\
&:= 6 + ((66 \times ((6+6)/6 + 6)) - 6/6) \\
&:= 7/7 + (7 \times 77 - 7) \\
&:= 8 + ((88+8+8)/8 + 8 \times 8 \times 8) \\
&:= 9 + (((9+9)/9)^9) + ((99+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 534 &:= 11+11+(1+1)^{11-1-1} \\
&:= 22 + (2^{(2/2+2)^2}) \\
&:= 3 + (33 \times (3+3) + 333) \\
&:= (4+4)/4 \times (44/4 + 4^4) \\
&:= 5 + (555 - (5 \times 5 + 5/5)) \\
&:= 6 + (66 \times ((6+6)/6 + 6)) \\
&:= 7 \times 77 + ((7+7)/7 - 7) \\
&:= 8 \times 8 \times 8 + (88+88)/8 \\
&:= (((9+9)/9)^9) + ((99+99)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 535 &:= 1+11+11+(1+1)^{11-1-1} \\
&:= 2 + (((22+2/2)^2) + 2) + 2) \\
&:= (3333 - (3 \times 3 + 3)^3)/3 \\
&:= (4/4 + 4) \times (444/4 - 4) \\
&:= 5 + (555 - 5 \times 5) \\
&:= 6 + ((66 \times ((6+6)/6 + 6)) + 6/6) \\
&:= 7 + (7 \times 77 - (77/7)) \\
&:= 8 + (((8 \times 8 \times 8 - 8/8) + 8) + 8) \\
&:= (((99 \times 99) - 9)/(9+9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 536 &:= (1+1) \times (1+1) \times (1+1+11 \times (1+11)) \\
&:= 2 + ((2^{(2/2+2)^2}) + 22) \\
&:= 3^3 + (((3-3/3)^{3 \times 3}) - 3) \\
&:= 4 + ((44 \times ((4+4) + 4)) + 4) \\
&:= 5 + ((555 - 5 \times 5) + 5/5) \\
&:= ((6+6)/6 + 6) \times (66 + 6/6) \\
&:= 7 \times 77 - (7+7+7)/7 \\
&:= 8 + (8 \times 8 \times 8 + 8 + 8) \\
&:= (((99 \times 99) + 9)/(9+9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 537 &:= 1+(1+1) \times (1+1) \times (1+1+11 \times (1+11)) \\
&:= 2 \times (2+2) + ((22+2/2)^2) \\
&:= (3 \times (3 \times (3^3 + 33))) - 3 \\
&:= (4/4 + 4)^4 - (44+44) \\
&:= 5 + (((5+5)/5 - 5 \times 5) + 555) \\
&:= 666/6 + ((6 \times (66+6)) - 6) \\
&:= 7 \times 77 - (7+7)/7 \\
&:= 8 + (((8 \times 8 \times 8 + 8/8) + 8) + 8) \\
&:= 9 \times (9 \times 9 - 9) - 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 538 &:= 11 + ((1+11+11)^{1+1} - (1+1)) \\
&:= 22 + (2 \times (2^{2 \times (2+2)} + 2)) \\
&:= 3^3 + (((3-3/3)^{3 \times 3}) - 3/3) \\
&:= 4 + ((4+4)/4 \times (44/4 + 4^4)) \\
&:= 555 - (((55+5)/5) + 5) \\
&:= 666 - (((6+6)/6)^{6/6+6}) \\
&:= 7 \times 77 - 7/7 \\
&:= 8 + (((8 \times 8 \times 8 + (8+8)/8) + 8) + 8) \\
&:= 9 + (((((9+9)/9)^9) - 9/9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 539 &:= 11 + ((1+11+11)^{1+1} - 1) \\
&:= 22/2 + (22 \times (22+2)) \\
&:= 3^3 + ((3-3/3)^{3 \times 3}) \\
&:= 44/4 + (44 \times ((4+4) + 4)) \\
&:= 555 - (55/5 + 5) \\
&:= (6/6 + 6) \times (66/6 + 66) \\
&:= 7 \times 77 \\
&:= 8 + ((8 \times 8 \times 8 + 88/8) + 8) \\
&:= 9 + (((9+9)/9)^9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 540 &:= 11 + (1+11+11)^{1+1} \\
&:= 2 \times ((2 \times (22+2)) + 222) \\
&:= 3 \times (3 \times (3^3 + 33)) \\
&:= (4-4/4) \times ((4 \times 44) + 4) \\
&:= (5+5) \times (55-5/5) \\
&:= (6+6+6) \times (6 \times 6 - 6) \\
&:= 7/7 + 7 \times 77 \\
&:= 8 + (((88+8)/8) + 8 \times 8 \times 8) + 8) \\
&:= (9+9+9) \times (99/9 + 9)
\end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 541 &:= 1 + (11 + (1 + 11 + 11)^{1+1}) \\
 &:= 2 + ((22 \times (22 + 2)) + 22/2) \\
 &:= 3/3 + (3 \times (3 \times (3^3 + 33))) \\
 &:= 4 + ((4/4 + 4)^4 - (44 + 44)) \\
 &:= 5/5 + ((5 + 5) \times (55 - 5/5)) \\
 &:= 6/6 + ((6 + 6 + 6) \times (6 \times 6 - 6)) \\
 &:= 7 \times 77 + (7 + 7)/7 \\
 &:= 8 \times (88 - 8) - (88/8 + 88) \\
 &:= 9 + (((9 + 9)/9)^9) + (99/9) + 9)
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 542 &:= 1 + (1 + (11 + (1 + 11 + 11)^{1+1})) \\
 &:= 2 + (((22 + 2/2)^2) + 22/2) \\
 &:= 3 + (((3 - 3/3)^{3 \times 3}) + 3^3) \\
 &:= (4 + 4)/4 \times ((44/4 + 4^4) + 4) \\
 &:= 555 - (55 + 5 + 5)/5 \\
 &:= 6 + (((6 + 6)/6 + 6) \times (66 + 6/6)) \\
 &:= 7 \times 77 + (7 + 7 + 7)/7 \\
 &:= 8 + ((88 + 88)/8 + 8 \times 8 \times 8) \\
 &:= ((9999 - 9 \times 9)/(9 + 9)) - 9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 543 &:= (1111 - 1)/(1 + 1) - 1 - 11 \\
 &:= 2^{2+2} + (((22 + 2/2)^2) - 2) \\
 &:= 3 + (3 \times (3 \times (3^3 + 33))) \\
 &:= ((4 + 4) \times (4 \times 4 \times 4 + 4)) - 4/4 \\
 &:= 555 - (55 + 5)/5 \\
 &:= 666/6 + (6 \times (66 + 6)) \\
 &:= 7 \times 77 + (77/7 - 7) \\
 &:= 8 + (((8 \times 8 \times 8 - 8/8) + 8) + 8) + 8) \\
 &:= (((99 \times 99) - 9)/(9 + 9)) - 9/9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 544 &:= (1111 - 1)/(1 + 1) - 11 \\
 &:= 2 \times (2^{2 \times (2+2)} + 2^{2+2}) \\
 &:= (((3 \times 3 + 3)^3 + 3)/3) - 33 \\
 &:= (4 + 4) \times (4 \times 4 \times 4 + 4) \\
 &:= 555 - 55/5 \\
 &:= 666 - ((666 + 66)/6) \\
 &:= 7 + (7 \times 77 - ((7 + 7)/7)) \\
 &:= 8 + ((8 \times 8 \times 8 + 8 + 8) + 8) \\
 &:= ((99 \times 99) - 9)/(9 + 9)
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 545 &:= (1 + 1111)/(1 + 1) - 11 \\
 &:= 2^{2+2} + ((22 + 2/2)^2) \\
 &:= 33 + ((3 - 3/3)^{3 \times 3}) \\
 &:= 4/4 + ((4 + 4) \times (4 \times 4 \times 4 + 4)) \\
 &:= 555 - 5 - 5 \\
 &:= 6 + ((6/6 + 6) \times (66/6 + 66)) \\
 &:= 7 + (7 \times 77 - 7/7) \\
 &:= 8 + (((8 \times 8 \times 8 + 8/8) + 8) + 8) + 8) \\
 &:= ((99 \times 99) + 9)/(9 + 9)
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 546 &:= 1 + ((1 + 1111)/(1 + 1) - 11) \\
 &:= 222 + ((2^{2+2} + 2)^2) \\
 &:= (3 + 3)^3 + (333 - 3) \\
 &:= (4 + 4)/4 + ((4 + 4) \times (4 \times 4 \times 4 + 4)) \\
 &:= 5/5 + (555 - 5 - 5) \\
 &:= 6 + ((6 + 6 + 6) \times (6 \times 6 - 6)) \\
 &:= 7 + 7 \times 77 \\
 &:= (8 - 8/8) \times ((8 - 88)/8 + 88) \\
 &:= ((9999 - 9)/(9 + 9)) - 9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 547 &:= 1 + (1 + ((1 + 1111)/(1 + 1) - 11)) \\
 &:= 2 + (((22 + 2/2)^2) + 2^{2+2}) \\
 &:= 3 + (((3 \times 3 + 3)^3 + 3)/3) - 33 \\
 &:= ((44 \times 44 - 4) + 4^4)/4 \\
 &:= 555 + ((5 + 5)/5 - 5 - 5) \\
 &:= 6 + (((6 + 6 + 6) \times (6 \times 6 - 6)) + 6/6) \\
 &:= 7 + (7 \times 77 + 7/7) \\
 &:= (8888 - 8)/(8 + 8) - 8 \\
 &:= ((9999 + 9)/(9 + 9)) - 9
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 548 &:= (1111 - 1)/(1 + 1) - 1 - 1 \\
 &:= 22^2 + 2^{2+2+2} \\
 &:= 3 + (((3 - 3/3)^{3 \times 3}) + 33) \\
 &:= 4 + ((4 + 4) \times (4 \times 4 \times 4 + 4)) \\
 &:= 555 - ((5 + 5)/5 + 5) \\
 &:= 666 - ((666 + 6)/6 + 6) \\
 &:= 7 + (7 \times 77 + ((7 + 7)/7)) \\
 &:= 8 \times 8 + 88 \times 88/(8 + 8) \\
 &:= 9 + (((((9 + 9)/9)^9) + 9) + 9) + 9)
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 549 &:= (1111 - 11)/(1 + 1) - 1 \\
 &:= 22 + (((22 + 2/2)^2) - 2) \\
 &:= 3 \times ((3 + 3)^3 - 33) \\
 &:= ((44 \times 44 + 4^4) + 4)/4 \\
 &:= 555 - (5/5 + 5) \\
 &:= 666 - (666/6 + 6) \\
 &:= 7 \times 77 + (77 - 7)/7 \\
 &:= 8 \times 8 \times 8 + 888/(8 + 8 + 8) \\
 &:= 9 \times (9 \times 9 - 9) - 99
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 550 &:= (1111 - 11)/(1 + 1) \\
 &:= 22 + (22 \times (22 + 2)) \\
 &:= 3/3 + ((3 + 3)^3 + 333) \\
 &:= (4/4 + 4) \times (444 - 4)/4 \\
 &:= (5 + 5) \times 55 \\
 &:= (6 - 6/6) \times ((666 - 6)/6) \\
 &:= 7 \times 77 + 77/7 \\
 &:= (8888 - 88)/(8 + 8) \\
 &:= 9/9 + (9 \times (9 \times 9 - 9) - 99)
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 551 &:= 1 + (1111 - 11)/(1 + 1) \\
 &:= 22 + ((22 + 2/2)^2) \\
 &:= (3333 - 3^3)/(3 + 3) \\
 &:= 444 + (444/4 - 4) \\
 &:= 5/5 + (5 + 5) \times 55 \\
 &:= 66/6 + ((6 + 6 + 6) \times (6 \times 6 - 6)) \\
 &:= 7 \times 77 + (77 + 7)/7 \\
 &:= 8 \times (88 - 8) - (8/8 + 88) \\
 &:= (9999 - 9 \times 9)/(9 + 9)
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 552 &:= 1 + (1 + (1111 - 11)/(1 + 1)) \\
 &:= (22 + 2) \times (22 + 2/2) \\
 &:= 3 + ((3 + 3)^3 + 333) \\
 &:= 44 + ((4^4 - 4) + 4^4) \\
 &:= 555 + ((5 + 5)/5 - 5) \\
 &:= 6 + (((6 + 6 + 6) \times (6 \times 6 - 6)) + 6) \\
 &:= 7 + ((7 \times 77 - 7/7) + 7) \\
 &:= 8 \times (88 - 8) - 88 \\
 &:= (9 - 9/9) \times (9 \times 9 - ((99 + 9)/9))
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 553 &:= (1111 - 1)/(1 + 1) - 1 - 1 \\
 &:= 2 + (((22 + 2/2)^2) + 22) \\
 &:= ((3333 + 3)/(3 + 3)) - 3 \\
 &:= 4 + (((44 \times 44 + 4^4) + 4)/4) \\
 &:= 555 - (5 + 5)/5 \\
 &:= (6/6 + 6) \times (66 + 6/6 + 6 + 6) \\
 &:= 7 + (7 \times 77 + 7) \\
 &:= 8/8 + (8 \times (88 - 8) - 88) \\
 &:= 9 + (((99 \times 99) - 9)/(9 + 9))
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 554 &:= (1111 - 1)/(1 + 1) - 1 \\
 &:= ((22 + 2)^2) - 22 \\
 &:= (3333 - 3 \times 3)/(3 + 3) \\
 &:= 444 + (444 - 4)/4 \\
 &:= 555 - 5/5 \\
 &:= 666 - (666 + 6)/6 \\
 &:= 7 + ((7 \times 77 + 7/7) + 7) \\
 &:= (8 + 8)/8 + (8 \times (88 - 8) - 88) \\
 &:= 9 + (((99 \times 99) + 9)/(9 + 9))
 \end{aligned}$$

$$\begin{aligned}
 \blacktriangleright 555 &:= (1111 - 1)/(1 + 1) \\
 &:= (2222 - 2)/(2 + 2) \\
 &:= (3333 - 3)/(3 + 3) \\
 &:= 444 + 444/4 \\
 &:= 555 \\
 &:= (6 - 6/6) \times 666/6 \\
 &:= (7777 - 7)/(7 + 7) \\
 &:= (8888 - 8)/(8 + 8) \\
 &:= (9999 - 9)/(9 + 9)
 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 556 &:= (1 + 1111)/(1 + 1) \\ &:= 2 + (((22 + 2)^2) - 22) \\ &:= (3333 + 3)/(3 + 3) \\ &:= 44 + (4^4 + 4^4) \\ &:= 5/5 + 555 \\ &:= (6666 + 6)/(6 + 6) \\ &:= (7777 + 7)/(7 + 7) \\ &:= (8888 + 8)/(8 + 8) \\ &:= (9999 + 9)/(9 + 9) \end{aligned}$$

$$\begin{aligned} \blacktriangleright 557 &:= 1 + (1 + 1111)/(1 + 1) \\ &:= 2 + ((2222 - 2)/(2 + 2)) \\ &:= (3333 + 3 \times 3)/(3 + 3) \\ &:= 44 + ((4/4 + 4^4) + 4^4) \\ &:= 555 + (5 + 5)/5 \\ &:= 6/6 + (6666 + 6)/(6 + 6) \\ &:= 7 + (7 \times 77 + (77/7)) \\ &:= 8 \times (8 \times 8 + 8) - (88/8 + 8) \\ &:= (9 \times (9 \times 9 - (9 + 9))) - 9/9 - 9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 558 &:= 1 + (1 + (1 + 1111)/(1 + 1)) \\ &:= 2 + (((22 + 2)^2) - 22) + 2 \\ &:= 3 \times (((3 + 3)^3 - 33) + 3) \\ &:= 4 + ((444 - 4)/4 + 444) \\ &:= 5 + (555 - (5 + 5)/5) \\ &:= 666 - 6 \times (6 + 6 + 6) \\ &:= 7 + ((77 + 7)/7 + 7 \times 7) \\ &:= (8/8 + 8) \times (8 \times 8 - ((8 + 8)/8)) \\ &:= (9 \times (9 \times 9 - (9 + 9))) - 9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 559 &:= 1 + (1 + (1 + (1 + 1111)/(1 + 1))) \\ &:= 2 + (((2222 - 2)/(2 + 2)) + 2) \\ &:= 3 + ((3333 + 3)/(3 + 3)) \\ &:= 4 + (444/4 + 444) \\ &:= 5 + (555 - 5/5) \\ &:= 6/6 + (666 - 6 \times (6 + 6 + 6)) \\ &:= 7 + (((7 \times 77 - 7/7) + 7) + 7) \\ &:= 888/8 + 8 \times (8 \times 8 - 8) \\ &:= 9/9 + ((9 \times (9 \times 9 - (9 + 9))) - 9) \end{aligned}$$

$$\begin{aligned} \blacktriangleright 560 &:= (11 - 1) \times (1 + 111)/(1 + 1) \\ &:= ((22 + 2)^2) - 2^{2+2} \\ &:= (3333 + 3^3)/(3 + 3) \\ &:= 4 + ((44 + 4^4) + 4^4) \\ &:= 5 + 555 \\ &:= (6 - 6/6) \times (666 + 6)/6 \\ &:= 7 + ((7 \times 77 + 7) + 7) \\ &:= (8 - 8/8) \times (88 - 8) \\ &:= (9 - 9/9) \times (9 \times 9 - 99/9) \end{aligned}$$

$$\begin{aligned} \blacktriangleright 561 &:= (11 + 1111)/(1 + 1) \\ &:= (2222 + 22)/(2 + 2) \\ &:= 33 \times ((33/3 + 3) + 3) \\ &:= (4/4 + 4^4) - 4 \times 4 \times 4 \\ &:= 5 + (555 + 5/5) \\ &:= 6 + ((6 - 6/6) \times 666/6) \\ &:= 7 + (((7 \times 77 + 7/7) + 7) + 7) \\ &:= 8/8 + ((8 - 8/8) \times (88 - 8)) \\ &:= (9999 + 99)/(9 + 9) \end{aligned}$$

$$\begin{aligned} \blacktriangleright 562 &:= 1 + ((11 + 1111)/(1 + 1)) \\ &:= 2 + (((22 + 2)^2) - 2^{2+2}) \\ &:= ((3 \times 3 + 3 + 3)^3 - 3)/(3 + 3) \\ &:= ((4 - 4^4)/4) + (4/4 + 4^4) \\ &:= 5 + (555 + (5 + 5)/5) \\ &:= 6 + (6666 + 6)/(6 + 6) \\ &:= 7 + ((7777 - 7)/(7 + 7)) \\ &:= (8 + 8)/8 + ((8 - 8/8) \times (88 - 8)) \\ &:= 9 + (((99 \times 99) - 9)/(9 + 9)) + 9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 563 &:= 1 + (1 + ((11 + 1111)/(1 + 1))) \\ &:= ((22 + 2)^2) - (22/2 + 2) \\ &:= ((3 \times 3 + 3 + 3)^3 + 3)/(3 + 3) \\ &:= 4 + ((444/4 + 444) + 4) \\ &:= 5 + ((555 - (5 + 5)/5) + 5) \\ &:= 666 - ((6 \times 6 + 66) + 6/6) \\ &:= 7 + ((7777 + 7)/(7 + 7)) \\ &:= 8 + (8888 - 8)/(8 + 8) \\ &:= 9 + (((99 \times 99) + 9)/(9 + 9)) + 9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 564 &:= ((1 + 1) \times (1 + 11))^{1+1} - 1 - 11 \\ &:= 22^2 + (2 \times 2 \times (22 - 2)) \\ &:= (3 \times ((3 + 3)^3 - 3^3)) - 3 \\ &:= (4 \times (4^4 - 4)) - 444 \\ &:= 5 + (555 - 5/5 + 5) \\ &:= (6 + 6) \times (66/6 + 6 \times 6) \\ &:= 7 + ((7 \times 77 + (77/7)) + 7) \\ &:= 8 + ((8888 + 8)/(8 + 8)) \\ &:= 9 + ((9999 - 9)/(9 + 9)) \end{aligned}$$

$$\begin{aligned} \blacktriangleright 565 &:= ((1 + 1) \times (1 + 11))^{1+1} - 11 \\ &:= ((22 + 2)^2) - 22/2 \\ &:= ((3 \times 3 + 3)^3 - 33)/3 \\ &:= 4 + ((4/4 + 4^4) - 4 \times 4 \times 4) \\ &:= 5 + 555 + 5 \\ &:= 6/6 + ((6 + 6) \times (66/6 + 6 \times 6)) \\ &:= 7 + (((77 + 7)/7 + 7 \times 77) + 7) \\ &:= 8 \times (8 \times 8 + 8) - 88/8 \\ &:= 9 + ((9999 + 9)/(9 + 9)) \end{aligned}$$

$$\begin{aligned} \blacktriangleright 566 &:= 11 + (1111 - 1)/(1 + 1) \\ &:= ((2 - 22)/2) + ((22 + 2)^2) \\ &:= (3 \times ((3 + 3)^3 - 3^3)) - 3/3 \\ &:= 4 + (((4 - 4^4)/4) + (4/4 + 4^4)) \\ &:= 555 + 55/5 \\ &:= 6 + ((6 - 6/6) \times (666 + 6)/6) \\ &:= 77 + (7 \times (77 - 7) - 7/7) \\ &:= (8 - 88)/8 + 8 \times (8 \times 8 + 8) \\ &:= (9 \times (9 \times 9 - (9 + 9))) - 9/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 567 &:= 11 + (1 + 1111)/(1 + 1) \\ &:= 2 + (((22 + 2)^2) - 22/2) \\ &:= 3 \times ((3 + 3)^3 - 3^3) \\ &:= ((4/4 + 4) + 4) \times ((4^4 - 4)/4) \\ &:= 555 + (55 + 5)/5 \\ &:= 6 + (((6 - 6/6) \times 666/6) + 6) \\ &:= 77 + 7 \times (77 - 7) \\ &:= (8/8 + 8) \times (8 \times 8 - 8/8) \\ &:= 9 \times (9 \times 9 - (9 + 9)) \end{aligned}$$

$$\begin{aligned} \blacktriangleright 568 &:= 1 + (11 + (1 + 1111)/(1 + 1)) \\ &:= ((22 + 2)^2) - 2 \times (2 + 2) \\ &:= 3 + (((3 \times 3 + 3)^3 - 33)/3) \\ &:= 4 + ((4 \times (4^4 - 4)) - 444) \\ &:= (5^5 - 5 - 5)/5 - 55 \\ &:= 6 + ((6666 + 6)/(6 + 6) + 6) \\ &:= 7/7 + (7 \times (77 - 7) + 77) \\ &:= 8 \times (8 \times 8 + 8) - 8 \\ &:= 9/9 + (9 \times (9 \times 9 - (9 + 9))) \end{aligned}$$

$$\begin{aligned} \blacktriangleright 569 &:= 1 + (1 + (11 + (1 + 1111)/(1 + 1))) \\ &:= 2 + (((22 + 2)^2) - 22/2) + 2 \\ &:= (((3 \times 3 + 3)^3 - 3)/3) - (3 + 3) \\ &:= 4 + (((4/4 + 4^4) - 4 \times 4 \times 4) + 4) \\ &:= (5^5 - 5)/5 - 55 \\ &:= 66 + (((6 + 6) \times (6 \times 6 + 6)) - 6/6) \\ &:= 7 + (((7777 - 7)/(7 + 7)) + 7) \\ &:= 8/8 + (8 \times (8 \times 8 + 8) - 8) \\ &:= (9 + 9)/9 + (9 \times (9 \times 9 - (9 + 9))) \end{aligned}$$

$$\begin{aligned} \blacktriangleright 570 &:= (11 - 1) \times (1 + (1 + 111)/(1 + 1)) \\ &:= ((22 + 2)^2) - (2 + 2 + 2) \\ &:= 3 + (3 \times ((3 + 3)^3 - 3^3)) \\ &:= 444 + ((4^4 - 4)/((4 + 4)/4)) \\ &:= 5^5/5 - 55 \\ &:= 66 + ((6 + 6) \times (6 \times 6 + 6)) \\ &:= 7 \times (77 + 7) - (77/7 + 7) \\ &:= (8 + 8)/8 + (8 \times (8 \times 8 + 8) - 8) \\ &:= 9 + ((9999 + 99)/(9 + 9)) \end{aligned}$$

$$\begin{aligned}
\blacktriangleright 571 &:= 1 + (11 - 1) \times (1 + (1 + 111)/(1 + 1)) \\
&:= ((22 + 2)^2) - (2/2 + 2 + 2) \\
&:= (((3 \times 3 + 3)^3 + 3)/3) - (3 + 3) \\
&:= ((44 \times (44 + 4 + 4)) - 4)/4 \\
&:= (5^5 + 5)/5 - 55 \\
&:= 66 + (((6 + 6) \times (6 \times 6 + 6)) + 6)/6 \\
&:= 7 + (((7 \times 77 + (77/7)) + 7) + 7) \\
&:= 8 + ((8888 - 8)/(8 + 8) + 8) \\
&:= 9 + (((((99 \times 99) - 9)/(9 + 9)) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 572 &:= 11 + ((11 + 1111)/(1 + 1)) \\
&:= 22 \times (22 + 2 + 2) \\
&:= (((3 \times 3 + 3)^3 - 3)/3) - 3 \\
&:= 44 + (44 \times ((4 + 4) + 4)) \\
&:= (5^5 + 5 + 5)/5 - 55 \\
&:= (66/6) \times (((6 + 6)/6)^6 - (6 + 6)) \\
&:= 7777/7 - 7 \times 77 \\
&:= 88 + 88 \times 88/(8 + 8) \\
&:= 9 + (((((99 \times 99) + 9)/(9 + 9)) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 573 &:= ((1 + 1) \times (1 + 11))^{1+1} - 1 - 1 - 1 \\
&:= ((22 + 2)^2) - 2/2 - 2 \\
&:= ((3 \times 3 + 3)^3/3) - 3 \\
&:= (4/4 + 4)^4 - (44 + 4 + 4) \\
&:= 5 + ((5^5 - 5 - 5)/5 - 55) \\
&:= 66 + (666/6 + 6 \times 66) \\
&:= 7 \times (77 + 7) - (7/7 + 7 + 7) \\
&:= 8 + (8 \times (8 \times 8 + 8) - 88/8) \\
&:= 9 + (((9999 - 9)/(9 + 9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 574 &:= ((1 + 1) \times (1 + 11))^{1+1} - 1 - 1 \\
&:= ((22 + 2)^2) - 2 \\
&:= (((3 \times 3 + 3)^3 + 3)/3) - 3 \\
&:= 4^4 + (((4^4 - 4 - 4)/4) + 4^4) \\
&:= 5 + ((5^5 - 5)/5 - 55) \\
&:= (6 \times ((6 \times 6 - 6) + 66)) - (6 + 6)/6 \\
&:= 7 \times (77 + 7) - (7 + 7) \\
&:= 8 \times (8 \times 8 + 8) - (8 + 8)/8 \\
&:= (9 - ((9 + 9)/9)) \times (9/9 + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 575 &:= ((1 + 1) \times (1 + 11))^{1+1} - 1 \\
&:= ((22 + 2)^2) - 2/2 \\
&:= ((3 \times 3 + 3)^3 - 3)/3 \\
&:= 4^4 + (((4^4 - 4)/4) + 4^4) \\
&:= 5 + (5^5/5 - 55) \\
&:= (6 \times ((6 \times 6 - 6) + 66)) - 6/6 \\
&:= 7/7 + (7 \times (77 + 7) - (7 + 7)) \\
&:= 8 \times (8 \times 8 + 8) - 8/8 \\
&:= 9 + ((9 \times (9 \times 9 - (9 + 9))) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 576 &:= ((1 + 1) \times (1 + 11))^{1+1} \\
&:= (22 + 2)^2 \\
&:= (3 \times 3 + 3)^3/3 \\
&:= 4 \times (4 \times (4 \times (4 + 4) + 4)) \\
&:= 5 + ((5^5 + 5)/5 - 55) \\
&:= 6 \times ((6 \times 6 - 6) + 66) \\
&:= (77 + 7)/7 \times (7 \times 7 - 7/7) \\
&:= 8 \times (8 \times 8 + 8) \\
&:= 9 + (9 \times (9 \times 9 - (9 + 9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 577 &:= 1 + ((1 + 1) \times (1 + 11))^{1+1} \\
&:= 2/2 + ((22 + 2)^2) \\
&:= ((3 \times 3 + 3)^3 + 3)/3 \\
&:= (4/4 + 4)^4 - (44 + 4) \\
&:= 5 + ((5^5 + 5 + 5)/5 - 55) \\
&:= 6/6 + (6 \times ((6 \times 6 - 6) + 66)) \\
&:= 7 \times (77 + 7) - 77/7 \\
&:= 8/8 + 8 \times (8 \times 8 + 8) \\
&:= 9 + ((9 \times (9 \times 9 - (9 + 9))) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 578 &:= 1 + (1 + ((1 + 1) \times (1 + 11))^{1+1}) \\
&:= 2 + ((22 + 2)^2) \\
&:= 3 + (((3 \times 3 + 3)^3 - 3)/3) \\
&:= 4/4 + ((4/4 + 4)^4 - (44 + 4)) \\
&:= 5 \times 5 + (555 - (5 + 5)/5) \\
&:= (6 + 6)/6 + (6 \times ((6 \times 6 - 6) + 66)) \\
&:= ((7 - 77)/7) + 7 \times (77 + 7) \\
&:= (8 + 8)/8 + 8 \times (8 \times 8 + 8) \\
&:= 99/9 + (9 \times (9 \times 9 - (9 + 9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 579 &:= 1 + (1 + (1 + ((1 + 1) \times (1 + 11))^{1+1})) \\
&:= 2 + (((22 + 2)^2) + 2/2) \\
&:= 3 + ((3 \times 3 + 3)^3/3) \\
&:= 4 \times 4^4 - (444 + 4/4) \\
&:= 5 \times 5 + (555 - 5/5) \\
&:= 6 \times 6 \times 6 + 66 \times 66/(6 + 6) \\
&:= 7 \times (77 + 7) - ((7 + 7)/7 + 7) \\
&:= 88/8 + (8 \times (8 \times 8 + 8) - 8) \\
&:= ((99 + 9)/9) + (9 \times (9 \times 9 - (9 + 9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 580 &:= (1 + 1) \times ((1 + 1) \times (1 + (1 + 11))^{1+1}) \\
&:= 2 + (((22 + 2)^2) + 2) \\
&:= 3 + (((3 \times 3 + 3)^3 + 3)/3) \\
&:= 4 \times 4^4 - 444 \\
&:= 5 \times 5 + 555 \\
&:= (6 - 6/6) \times (((666 - 6)/6) + 6) \\
&:= 7 \times (77 + 7) - (7/7 + 7) \\
&:= 8 \times (8 \times 8 + 8) + (8/((8 + 8)/8)) \\
&:= 9 \times 9 + (((9 \times 999) - 9)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 581 &:= 1 + ((1 + 1) \times ((1 + 1) \times (1 + (1 + 11))^{1+1})) \\
&:= 2 + (((((22 + 2)^2) + 2/2) + 2) \\
&:= 3 + (((((3 \times 3 + 3)^3 - 3)/3) + 3) \\
&:= (4/4 + 4)^4 - 44 \\
&:= 5 \times 5 + (555 + 5/5) \\
&:= 6 + ((6 \times ((6 \times 6 - 6) + 66)) - 6/6) \\
&:= 7 \times (77 + 7) - 7 \\
&:= 8 + ((8 \times (8 \times 8 + 8) - 88/8) + 8) \\
&:= 9 \times 9 + (((9 \times 999) + 9)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 582 &:= (1 + 1) \times (1 + ((1 + 1) \times (1 + (1 + 11))^{1+1})) \\
&:= 2 + (((((22 + 2)^2) + 2) + 2) \\
&:= 3 + (((((3 \times 3 + 3)^3/3) + 3) \\
&:= 4/4 + ((4/4 + 4)^4 - 44) \\
&:= 5 \times 5 + (555 + (5 + 5)/5) \\
&:= 6 + (6 \times ((6 \times 6 - 6) + 66)) \\
&:= 7/7 + (7 \times (77 + 7) - 7) \\
&:= 8 + (8 \times (8 \times 8 + 8) - (8 + 8)/8) \\
&:= 9 \times 9 + (((9 + 9)/9)^9) - (99/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 583 &:= 11 \times ((111 - 1)/(1 + 1) - 1 - 1) \\
&:= 2 + ((((((22 + 2)^2) + 2/2) + 2) + 2) \\
&:= 3 + (((((3 \times 3 + 3)^3 + 3)/3) + 3) \\
&:= 44/4 \times ((4^4 - 44)/4) \\
&:= 55/5 \times (55 - (5 + 5)/5) \\
&:= 6 + ((6 \times ((6 \times 6 - 6) + 66)) + 6/6) \\
&:= ((7 + 7)/7) + (7 \times (77 + 7) - 7) \\
&:= 8 + (8 \times (8 \times 8 + 8) - 8/8) \\
&:= 9 + ((9 - ((9 + 9)/9)) \times (9/9 + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 584 &:= 1 + 11 \times ((111 - 1)/(1 + 1) - 1 - 1) \\
&:= 2 \times (2 + 2) + ((22 + 2)^2) \\
&:= 3 \times 3 + (((3 \times 3 + 3)^3 - 3)/3) \\
&:= 4 + (4 \times 4^4 - 444) \\
&:= 5 + ((555 - 5/5) + 5 \times 5) \\
&:= ((6 + 6)/6 + 6) \times (66 + 6/6 + 6) \\
&:= 7 + (7 \times (77 + 7) - (77/7)) \\
&:= 8 + 8 \times (8 \times 8 + 8) \\
&:= 9 \times 9 + (((9 + 9)/9)^9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 585 &:= 11 + (((1 + 1) \times (1 + 11))^{1+1} - (1 + 1)) \\
&:= 22/2 + (((22 + 2)^2) - 2) \\
&:= 3 \times (33 \times (3 + 3) - 3) \\
&:= 4 + ((4/4 + 4)^4 - 44) \\
&:= 5 + (555 + 5 \times 5) \\
&:= (6 - 6/6) \times (666/6 + 6) \\
&:= 7 \times (77 + 7) - (7 + 7 + 7)/7 \\
&:= 8 + (8 \times (8 \times 8 + 8) + 8/8) \\
&:= 9 + ((9 \times (9 \times 9 - (9 + 9))) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 586 &:= 11 + (((1+1) \times (1+11))^{1+1} - 1) \\
&:= 2 + (((22+2)^2) + 2 \times (2+2)) \\
&:= 3 \times 3 + (((3 \times 3+3)^3 + 3)/3) \\
&:= 4 + (((4/4+4)^4 - 44) + 4/4) \\
&:= 5 + (555 + 5 \times 5 + 5/5) \\
&:= (((6+6)/6)^{6+6} + 6)/(6/6+6) \\
&:= 7 \times (77+7) - (7+7)/7 \\
&:= 8 + (8 \times (8 \times 8 + 8) + ((8+8)/8)) \\
&:= 9 + (((9 \times (9 \times 9 - (9+9))) + 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 587 &:= 11 + ((1+1) \times (1+11))^{1+1} \\
&:= 22/2 + ((22+2)^2) \\
&:= ((3 \times 3+3)^3 + 33)/3 \\
&:= 4 + (44/4 \times ((4^4 - 44)/4)) \\
&:= 555 + ((5+5)/5)^5 \\
&:= 66/6 + (6 \times ((6 \times 6 - 6) + 66)) \\
&:= 7 \times (77+7) - 7/7 \\
&:= 88/8 + 8 \times (8 \times 8 + 8) \\
&:= 9 + ((9 \times (9 \times 9 - (9+9))) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 588 &:= 1 + (11 + ((1+1) \times (1+11))^{1+1}) \\
&:= (2/2+2) \times ((2^{2+2} - 2)^2) \\
&:= 3 + (3 \times (33 \times (3+3) - 3)) \\
&:= 4 + ((4 \times 4^4 - 444) + 4) \\
&:= 5 \times 55 + (5^5 + 5)/(5+5) \\
&:= 666 - (66 + 6 + 6) \\
&:= 7 \times (77+7) \\
&:= ((88+8)/8) + 8 \times (8 \times 8 + 8) \\
&:= (99 - 9/9) \times (9 - ((9+9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 589 &:= 1 + (1 + (11 + ((1+1) \times (1+11))^{1+1})) \\
&:= 2 + (((22+2)^2) + 22/2) \\
&:= 3 + ((3 \times (33 \times (3+3) - 3)) + 3/3) \\
&:= 4 + (((4/4+4)^4 - 44) + 4) \\
&:= ((5^5 - 55)/5) - 5 \times 5 \\
&:= 666 - (66/6 + 66) \\
&:= 7/7 + 7 \times (77+7) \\
&:= 88 + (8 \times 8 \times 8 - 88/8) \\
&:= 9 + (((9 \times 999) - 9)/(9+9)) + 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 590 &:= (11 - 1) \times ((11^{1+1} - 1)/(1+1) - 1) \\
&:= 2^{2+2} + (((22+2)^2) - 2) \\
&:= 3 + (((3 \times 3+3)^3 + 33)/3) \\
&:= (44 - 4)/4 \times (((4^4 - 4)/4) - 4) \\
&:= 5 + ((555 + 5 \times 5) + 5) \\
&:= 666 + (((6 - 66)/6) - 66) \\
&:= ((7+7)/7) + 7 \times (77+7) \\
&:= 8 + ((8 \times (8 \times 8 + 8) - (8+8)/8) + 8) \\
&:= 9 + (((9 \times 999) + 9)/(9+9)) + 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 591 &:= (1+1+1) \times (1 + (1+1+1+11))^{1+1} \\
&:= 2 + (((22+2)^2) + 22/2 + 2) \\
&:= 3 \times 33 \times (3+3) - 3 \\
&:= 44/4 + (4 \times 4^4 - 444) \\
&:= 5 \times 5 + (555 + (55/5)) \\
&:= 6 + ((6 - 6/6) \times (666/6 + 6)) \\
&:= 7 \times (77+7) + (7+7+7)/7 \\
&:= 8 + ((8 \times (8 \times 8 + 8) - 8/8) + 8) \\
&:= 9 \times 9 + (((9+9)/9)^9) - ((9+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 592 &:= (1+1) \times (11 \times (1+1+1))^{1+1+1} - 1 \\
&:= 2^{2+2} + ((22+2)^2) \\
&:= 3/3 + (3 \times 33 \times (3+3) - 3) \\
&:= 4 \times ((4 \times (4 \times (4+4) + 4)) + 4) \\
&:= 5 + (((5+5)/5)^5 + 555) \\
&:= 6 \times 6 + (6666 + 6)/(6+6) \\
&:= 77/7 + (7 \times (77+7) - 7) \\
&:= 8 + (8 \times (8 \times 8 + 8) + 8) \\
&:= 9 \times 9 + (((9+9)/9)^9) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 593 &:= 11 \times ((111 - 1)/(1+1) - 1) - 1 \\
&:= 22^2 + (222/2 - 2) \\
&:= 3 \times 33 \times (3+3) - 3/3 \\
&:= (4/4+4)^4 - 4 \times (4+4) \\
&:= 5^5/5 - ((5+5)/5)^5 \\
&:= 666 - (66 + 6/6 + 6) \\
&:= 7 + (7 \times (77+7) - ((7+7)/7)) \\
&:= 8 \times 88 - 888/8 \\
&:= 9 \times 9 + (((9+9)/9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 594 &:= 11 \times ((111 - 1)/(1+1) - 1) \\
&:= 2 + (((22+2)^2) + 2^{2+2}) \\
&:= 3 \times 33 \times (3+3) \\
&:= 4/4 + (((4/4+4)^4 - 4 \times (4+4)) \\
&:= 55/5 \times (55 - 5/5) \\
&:= 666 - (66 + 6) \\
&:= 7 + (7 \times (77+7) - 7/7) \\
&:= 8 \times 88 + ((8 - 888)/8) \\
&:= 99 \times (9 - ((9+9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 595 &:= 111 + (11 + 11)^{1+1} \\
&:= 22^2 + 222/2 \\
&:= 3/3 + 3 \times 33 \times (3+3) \\
&:= (44 \times 44 + 444)/4 \\
&:= 5^5/5 - (5 \times 5 + 5) \\
&:= 6/6 + (666 - (66 + 6)) \\
&:= 7 + 7 \times (77+7) \\
&:= 8 + (8 \times (8 \times 8 + 8) + (88/8)) \\
&:= 9/9 + (99 \times (9 - ((9+9+9)/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 596 &:= 1 + (111 + (11 + 11))^{1+1} \\
&:= 22 + (((22+2)^2) - 2) \\
&:= 3 + (3 \times 33 \times (3+3) - 3/3) \\
&:= (4 \times (4^4 + 4)) - 444 \\
&:= (5^5 + 5)/5 - (5 \times 5 + 5) \\
&:= 666 - (((6+6)/6)^6 + 6) \\
&:= 7 + (7 \times (77+7) + 7/7) \\
&:= 8 + (((88+8)/8) + 8 \times (8 \times 8 + 8)) \\
&:= (9999 + 9 \times 9 \times 9)/(9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 597 &:= 1 + (1 + (111 + (11 + 11))^{1+1}) \\
&:= 2 + (222/2 + 22^2) \\
&:= 3 + 3 \times 33 \times (3+3) \\
&:= 4 + ((4/4+4)^4 - 4 \times (4+4)) \\
&:= (5^5 + 5 + 5)/5 - (5 \times 5 + 5) \\
&:= 666 - (6 \times 6/(6+6) + 66) \\
&:= 7 + (7 \times (77+7) + ((7+7)/7)) \\
&:= 8 + ((8 \times 8 \times 8 - 88/8) + 88) \\
&:= 999/9 + ((9+9) \times (9+9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 598 &:= 11 + (11 + ((1+1) \times (1+11))^{1+1}) \\
&:= 22 + ((22+2)^2) \\
&:= 3 + (3 \times 33 \times (3+3) + 3/3) \\
&:= (4+4)/4 \times ((44 - 4/4) + 4^4) \\
&:= (5^5 - 5 - 5)/5 - 5 \times 5 \\
&:= 666 - (((6+6)/6) + 66) \\
&:= 7 \times (77+7) + (77 - 7)/7 \\
&:= 88 + (8 \times 8 \times 8 - ((8+8)/8)) \\
&:= 99 + (((9 \times 999) - 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 599 &:= 1111 - (1+1)^{11-1-1} \\
&:= 22 + (((22+2)^2) + 2/2) \\
&:= ((33/3)^3) - (3^{3+3} + 3) \\
&:= (((4+4) \times (44 + 4^4)) - 4)/4 \\
&:= (5^5 - 5)/5 - 5 \times 5 \\
&:= 666 - (66 + 6/6) \\
&:= 77/7 + 7 \times (77+7) \\
&:= 88 + (8 \times 8 \times 8 - 8/8) \\
&:= 99 + (((9 \times 999) + 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 600 &:= (1+1) \times (1+1+1) \times (11-1)^{1+1} \\
&:= 2 + (((22+2)^2) + 22) \\
&:= 3 + (3 \times 33 \times (3+3) + 3) \\
&:= (4+4) \times ((44 + 4^4)/4) \\
&:= 5 \times (5 \times 5 \times 5 - 5) \\
&:= 666 - 66 \\
&:= (7/7+7) \times (77 - (7+7)/7) \\
&:= 88 + 8 \times 8 \times 8 \\
&:= 99 + (((9+9)/9)^9) - (99/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 601 &:= 1 + (1 + 1) \times (1 + 1 + 1) \times (11 - 1)^{1+1} \\
&:= 2 + (((22 + 2)^2) + 22) + 2/2 \\
&:= 3 + ((3 \times 33 \times (3 + 3) + 3/3) + 3) \\
&:= (4/4 + 4)^4 - ((4 \times 4 + 4) + 4) \\
&:= (5^5 + 5)/5 - 5 \times 5 \\
&:= 6/6 + (666 - 66) \\
&:= 7 + ((7 \times (77 + 7) - 7/7) + 7) \\
&:= 8/8 + (8 \times 8 \times 8 + 88) \\
&:= 9 + (((9 + 9)/9)^9) - 9/9 + 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 602 &:= (1 + 1) \times (1 + (1 + 1 + 1) \times (11 - 1)^{1+1}) \\
&:= 2 + (((22 + 2)^2) + 22) + 2 \\
&:= ((33/3)^3) - 3^{3+3} \\
&:= (4 + 4)/4 \times ((44 + 4^4) + 4/4) \\
&:= (5^5 + 5 + 5)/5 - 5 \times 5 \\
&:= 666 - ((6 + 6)/6)^6 \\
&:= 7 + (7 \times (77 + 7) + 7) \\
&:= 88 + (8 \times 8 \times 8 + (8 + 8)/8) \\
&:= 9 + (((9 + 9)/9)^9) + 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 603 &:= 11 \times (111 - 1)/(1 + 1) - 1 - 1 \\
&:= 22^2 + ((22/2)^2 - 2) \\
&:= 3 \times (33 \times (3 + 3) + 3) \\
&:= 4 + (((4 + 4) \times (44 + 4^4)) - 4)/4 \\
&:= (5^5 - (55 + 55))/5 \\
&:= 6/6 + (666 - ((6 + 6)/6)^6) \\
&:= 7 + ((7 \times (77 + 7) + 7/7) + 7) \\
&:= 8 + ((8 \times (8 \times 8 + 8) + (88/8)) + 8) \\
&:= 9 + (99 \times (9 - ((9 + 9 + 9)/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 604 &:= 11 \times (111 - 1)/(1 + 1) - 1 \\
&:= 2 \times (((2^{2+2} + 2)^2) - 22) \\
&:= 3^3 + (((3 \times 3 + 3)^3 + 3)/3) \\
&:= 4^4 + (((4 + 4) \times 44) - 4) \\
&:= (55 \times 55 - 5)/5 \\
&:= 6 + (666 - (((6 + 6)/6) + 66)) \\
&:= 7 + ((7 \times (77 + 7) + ((7 + 7)/7)) + 7) \\
&:= 88 + ((8/((8 + 8)/8)) + 8 \times 8 \times 8) \\
&:= 9 \times 9 + (((9 + 9)/9)^9) + (99/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 605 &:= 11 \times (111 - 1)/(1 + 1) \\
&:= 22^2 + (22/2)^2 \\
&:= 3 + (((33/3)^3) - 3^{3+3}) \\
&:= (4/4 + 4)^4 - (4 \times 4 + 4) \\
&:= 55 \times (55/5) \\
&:= 6 + (666 - 66 - 6/6) \\
&:= 77 + (7 \times 77 - (77/7)) \\
&:= 8 \times 88 - (88/8 + 88) \\
&:= 99/9 \times ((999 - 9)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 606 &:= 1 + 11 \times (111 - 1)/(1 + 1) \\
&:= 2 + (2 \times (((2^{2+2} + 2)^2) - 22)) \\
&:= 3 + (3 \times (33 \times (3 + 3) + 3)) \\
&:= 4/4 + ((4/4 + 4)^4 - (4 \times 4 + 4)) \\
&:= (55 \times 55 + 5)/5 \\
&:= 6 + (666 - 66) \\
&:= 7 + (7 \times (77 + 7) + (77/7)) \\
&:= 8 + ((8 \times 8 \times 8 - ((8 + 8)/8)) + 88) \\
&:= 9 + (((9 + 9) \times (9 + 9 + 9)) + 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 607 &:= 1 + 1 + 11 \times (111 - 1)/(1 + 1) \\
&:= 2 + ((22/2)^2 + 22^2) \\
&:= 3 + ((3 \times (33 \times (3 + 3) + 3)) + 3/3) \\
&:= 4^4 + (((4 + 4) \times 44) - 4/4) \\
&:= ((55 \times 55 + 5) + 5)/5 \\
&:= 6 + ((666 - 66) + 6/6) \\
&:= 7 + (7 \times (77 + 7) + (77 + 7)/7) \\
&:= 8 + ((8 \times 8 \times 8 - 8/8) + 88) \\
&:= 9 \times 9 \times 9 - (999 + 99)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 608 &:= (11 \times 111 - 1)/(1 + 1) - 1 - 1 \\
&:= 2^{2+2} \times ((2 + 2 + 2)^2 + 2) \\
&:= 33 + (((3 \times 3 + 3)^3 - 3)/3) \\
&:= 4^4 + ((4 + 4) \times 44) \\
&:= ((5^5 - (55 + 55))/5) - 5 \\
&:= 6 + (666 - ((6 + 6)/6)^6) \\
&:= (7/7 + 7) \times (77 - 7/7) \\
&:= 8 + (8 \times 8 \times 8 + 88) \\
&:= 9 \times 9 \times 9 - (((999 + 9)/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 609 &:= (11 \times 111 - 1)/(1 + 1) - 1 \\
&:= 2 + (((22/2)^2 + 22^2) + 2) \\
&:= 33 + ((3 \times 3 + 3)^3/3) \\
&:= (4/4 + 4)^4 - 4 \times 4 \\
&:= ((5^5 - 55)/5) - 5 \\
&:= 6 \times (6 \times 6 + 66) - 6 \times 6/(6 + 6) \\
&:= 77 + (7 \times 77 - 7) \\
&:= (8 - 8/8) \times (88 - 8/8) \\
&:= 9 \times 9 \times 9 - (999/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 610 &:= (11 \times 111 - 1)/(1 + 1) \\
&:= 2 + ((2 \times 2^{2+2}) + ((22 + 2)^2)) \\
&:= 33 + (((3 \times 3 + 3)^3 + 3)/3) \\
&:= 4/4 + ((4/4 + 4)^4 - 4 \times 4) \\
&:= 55 + 555 \\
&:= 6 \times (6 \times 6 + 66) - (6 + 6)/6 \\
&:= 7/7 + (7 \times 77 - 7 + 77) \\
&:= 8 + ((8 \times 8 \times 8 + (8 + 8)/8) + 88) \\
&:= 99 + (((9 + 9)/9)^9) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 611 &:= (1 + 11 \times 111)/(1 + 1) \\
&:= 22^2 + ((2^{2 \times (2+2)} - 2)/2) \\
&:= 3 \times 33 + ((3 - 3/3)^{3 \times 3}) \\
&:= 4 + (((4 + 4) \times 44) - 4/4) + 4^4 \\
&:= 5 + ((55 \times 55 + 5)/5) \\
&:= 6 \times (6 \times 6 + 66) - 6/6 \\
&:= 77 + (((7 + 7)/7 - 7) + 7 \times 77) \\
&:= 88 + (8 \times 8 \times 8 + 88/8) \\
&:= 99 + (((9 + 9)/9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 612 &:= 1 + (1 + 11 \times 111)/(1 + 1) \\
&:= 2 \times ((22 \times (2^{2+2} - 2)) - 2) \\
&:= (3 + 3) \times (3 \times 33 + 3) \\
&:= 4 + (((4 + 4) \times 44) + 4^4) \\
&:= (5^5 - (55 + 5 + 5))/5 \\
&:= 6 \times (6 \times 6 + 66) \\
&:= 7 + ((7 \times 77 - (77/7)) + 77) \\
&:= 88 + (((88 + 8)/8) + 8 \times 8 \times 8) \\
&:= 9 \times 9 \times 9 - (99 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 613 &:= 1 + 1 + (1 + 11 \times 111)/(1 + 1) \\
&:= 22^2 + ((2^{2 \times (2+2)} + 2)/2) \\
&:= 3/3 + ((3 + 3) \times (3 \times 33 + 3)) \\
&:= 4 + ((4/4 + 4)^4 - 4 \times 4) \\
&:= (5^5 - (55 + 5))/5 \\
&:= 6/6 + 6 \times (6 \times 6 + 66) \\
&:= 7 + ((7 \times (77 + 7) + (77/7)) + 7) \\
&:= 8 + (8 \times 88 - (88/8 + 88)) \\
&:= 9/9 + (9 \times 9 \times 9 - (99 + 9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 614 &:= (1 + (1 + 1) \times (1 + 11))^{1+1} - 11 \\
&:= (2 \times (22 \times (2^{2+2} - 2))) - 2 \\
&:= 3 \times (3 + 3)^3 - (3/3 + 33) \\
&:= (4/4 + 4)^4 - 44/4 \\
&:= (5^5 - 55)/5 \\
&:= (6 + 6)/6 + 6 \times (6 \times 6 + 66) \\
&:= 77 + (7 \times 77 - ((7 + 7)/7)) \\
&:= 8 \times 88 - ((8 + 8)/8 + 88) \\
&:= 999/9 + (((9 + 9)/9)^9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 615 &:= 11 \times (1 + 111)/(1 + 1) - 1 \\
&:= (2/2 + 2 + 2) \times ((22/2)^2 + 2) \\
&:= 3 \times (3 + 3)^3 - 33 \\
&:= (4 - 44)/4 + (4/4 + 4)^4 \\
&:= 5^5/5 - 5 - 5 \\
&:= (66 \times 66 - 666)/6 \\
&:= 77 + (7 \times 77 - 7/7) \\
&:= 8 \times 88 - (8/8 + 88) \\
&:= 9 \times 9 \times 9 - (((999 + 9 + 9) + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 616 &:= 11 \times ((1+111)/(1+1)) \\
&:= 2 \times (22 \times (2^{2+2} - 2)) \\
&:= 3/3 + (3 \times (3+3)^3 - 33) \\
&:= (4+4) \times ((4-4/4)^4 - 4) \\
&:= (5^5 + 5)/5 - 5 - 5 \\
&:= 6 + (6 \times (6 \times 6 + 66) - ((6+6)/6)) \\
&:= 77 + 7 \times 77 \\
&:= 88 \times (8 - 8/8) \\
&:= 99/9 \times ((999+9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 617 &:= 1 + 11 \times (1 + 111)/(1 + 1) \\
&:= 22 + (222/2 + 22^2) \\
&:= 3^{3+3} - ((333+3)/3) \\
&:= (4/4 + 4)^4 - 4 - 4 \\
&:= (5^5 + 5 + 5)/5 - 5 - 5 \\
&:= 6 + (6 \times (6 \times 6 + 66) - 6/6) \\
&:= 7/7 + (7 \times 77 + 77) \\
&:= 8/8 + 88 \times (8 - 8/8) \\
&:= 9 \times 9 \times 9 - ((999+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 618 &:= 1 + 1 + 11 \times (1 + 111)/(1 + 1) \\
&:= 2 + (2 \times (22 \times (2^{2+2} - 2))) \\
&:= 3 + (3 \times (3+3)^3 - 33) \\
&:= 4 + ((4/4 + 4)^4 - 44/4) \\
&:= (5^5 - 5 - 5)/5 - 5 \\
&:= 6 + 6 \times (6 \times 6 + 66) \\
&:= 77 + (7 \times 77 + ((7+7)/7)) \\
&:= (8+8)/8 + 88 \times (8 - 8/8) \\
&:= 9 \times 9 \times 9 - 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 619 &:= 1 + 1 + 1 + 11 \times (1 + 111)/(1 + 1) \\
&:= (2 \times 22) + (((22+2)^2) - 2/2) \\
&:= 3^{3+3} + ((3 - 333)/3) \\
&:= 444 + ((4 \times 44) - 4/4) \\
&:= (5^5 - 5)/5 - 5 \\
&:= 6 + (6 \times (6 \times 6 + 66) + 6/6) \\
&:= 77 + (((7+7+7)/7) + 7 \times 77) \\
&:= 8 + ((8 \times 8 \times 8 + 88/8) + 88) \\
&:= 9 \times 9 \times 9 + ((9 - 999)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 620 &:= 11 + (11 \times 111 - 1)/(1 + 1) - 1 \\
&:= (2 \times 22) + ((22+2)^2) \\
&:= 3 \times (3+3)^3 - (3^3 + 3/3) \\
&:= 444 + (4 \times 44) \\
&:= 5^5/5 - 5 \\
&:= 6 + (6 \times (6 \times 6 + 66) + ((6+6)/6)) \\
&:= 77 + ((7 \times 77 - 7) + (77/7)) \\
&:= 8 \times 8 + ((8888+8)/(8+8)) \\
&:= 9 + (((9+9)/9)^9) + 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 621 &:= 11 + (11 \times 111 - 1)/(1 + 1) \\
&:= ((2/2 + 2 + 2)^{2+2}) - 2 - 2 \\
&:= 3 \times ((3+3)^3 - 3 \times 3) \\
&:= (4/4 + 4)^4 - 4 \\
&:= (5^5 + 5)/5 - 5 \\
&:= 6 + ((66 \times 66 - 666)/6) \\
&:= 7 + ((7 \times 77 - ((7+7)/7)) + 77) \\
&:= 8 \times (88 - 8) - (88/8 + 8) \\
&:= 9 \times 9 \times 9 - (99 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 622 &:= 11 + (1 + 11 \times 111)/(1 + 1) \\
&:= 222 + (22 - 2)^2 \\
&:= 3/3 + (3 \times ((3+3)^3 - 3 \times 3)) \\
&:= 4/4 + ((4/4 + 4)^4 - 4) \\
&:= (5^5 + 5 + 5)/5 - 5 \\
&:= 66 + (6666 + 6)/(6 + 6) \\
&:= 7 + ((7 \times 77 - 7/7) + 77) \\
&:= 8 \times 8 \times 8 + ((888 - 8)/8) \\
&:= 9/9 + (9 \times 9 \times 9 - (99 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 623 &:= 111 + (1 + 1)^{11-1-1} \\
&:= ((2/2 + 2 + 2)^{2+2})^2 - 2 \\
&:= 3 + (3 \times (3+3)^3 - (3^3 + 3/3)) \\
&:= (4/4 + 4)^4 - (4 + 4)/4 \\
&:= (5^5 - 5 - 5)/5 \\
&:= 66/6 + 6 \times (6 \times 6 + 66) \\
&:= 7 + (7 \times 77 + 77) \\
&:= 8 \times 8 \times 8 + 888/8 \\
&:= 999/9 + (((9+9)/9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 624 &:= (1 + (1 + 1) \times (1 + 111))^{1+1} - 1 \\
&:= (22 + 2) \times (22 + 2 + 2) \\
&:= 3 + (3 \times ((3+3)^3 - 3 \times 3)) \\
&:= 4 \times (4 \times (44 - 4) - 4) \\
&:= (5^5 - 5)/5 \\
&:= 666 - (6 \times 6 + 6) \\
&:= (7/7 + 7) \times (7/7 + 77) \\
&:= 8 + 88 \times (8 - 8/8) \\
&:= (9 - 9/9) \times (9 \times 9 - ((9+9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 625 &:= (1 + (1 + 1) \times (1 + 111))^{1+1} \\
&:= (2/2 + 2 + 2)^{2+2} \\
&:= (3 - 3/3 + 3)^{3/3+3} \\
&:= (4/4 + 4)^4 \\
&:= 5^5/5 \\
&:= (6 - 6/6)^{6-(6+6)/6} \\
&:= (7 - ((7+7)/7))^{77/7-7} \\
&:= 8 + (88 \times (8 - 8/8) + 8/8) \\
&:= 9 \times 9 + (((99 \times 99) - 9)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 626 &:= 1 + (1 + (1 + 1) \times (1 + 111))^{1+1} \\
&:= 2 + ((22 + 2) \times (22 + 2 + 2)) \\
&:= 3/3 + ((3 - 3/3 + 3)^{3/3+3}) \\
&:= 4/4 + (4/4 + 4)^4 \\
&:= (5^5 + 5)/5 \\
&:= 6/6 + (((6 - 6/6)^{6-(6+6)/6}) \\
&:= (7 \times (77 + 7 + 7)) - 77/7 \\
&:= 8 + (((8+8)/8) - 88) + 8 \times 88 \\
&:= 9 + (9 \times 9 \times 9 - ((999+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 627 &:= 11 \times (1 + ((1 + 111)/(1 + 1))) \\
&:= 2 + ((2/2 + 2 + 2)^{2+2}) \\
&:= 33 + 3 \times 33 \times (3 + 3) \\
&:= (4 + 4)/4 + (4/4 + 4)^4 \\
&:= (5^5 + 5 + 5)/5 \\
&:= 666 - ((66 \times 6/(6 + 6)) + 6) \\
&:= 77 + (7 \times 77 + (77/7)) \\
&:= 88/8 + 88 \times (8 - 8/8) \\
&:= 9 + (9 \times 9 \times 9 - 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 628 &:= 1 + (11 \times (1 + ((1 + 111)/(1 + 1)))) \\
&:= 22^2 + ((2 \times (2 + 2 + 2))^2) \\
&:= 3 + ((3 - 3/3 + 3)^{3/3+3}) \\
&:= 4 + (4 \times (4 \times (44 - 4) - 4)) \\
&:= 5 + (5^5 - 5 - 5)/5 \\
&:= 666 - (((6+6)/6) + 6 \times 6) \\
&:= 77 + ((77+7)/7 + 7 \times 77) \\
&:= 8 \times (88 - 8) - (88+8)/8 \\
&:= 9 \times 9 \times 9 - ((9+9)/9 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 629 &:= 1 + (1 + (11 \times (1 + ((1 + 111)/(1 + 1)))))) \\
&:= 2 + (((2/2 + 2 + 2)^{2+2}) + 2) \\
&:= 3^{3+3} - (3 \times 33 + 3/3) \\
&:= 4 + (4/4 + 4)^4 \\
&:= 5 + (5^5 - 5)/5 \\
&:= 666 - (6 \times 6 + 6/6) \\
&:= (7 \times (77 + 7 + 7)) - (7/7 + 7) \\
&:= 8 \times (88 - 8) - 88/8 \\
&:= 9 \times 9 \times 9 - (9/9 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 630 &:= (11 - 1) \times ((1 + 1 + 1) \times (11 + (11 - 1))) \\
&:= 2 + (((2 \times (2 + 2 + 2))^2) + 22^2) \\
&:= 3 \times ((3 + 3)^3 - (3 + 3)) \\
&:= 4 + ((4/4 + 4)^4 + 4/4) \\
&:= 5 + 5^5/5 \\
&:= 666 - 6 \times 6 \\
&:= (7 \times (77 + 7 + 7)) - 7 \\
&:= (8 - 8/8) \times ((8 + 8)/8 + 88) \\
&:= 9 \times 9 \times 9 - 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 631 &:= 1 + ((11 - 1) \times ((1 + 1 + 1) \times (11 + (11 - 1)))) \\
&:= 2 + (((2/2 + 2 + 2)^{2+2}) + 2) + 2 \\
&:= 3/3 + (3 \times ((3 + 3)^3 - (3 + 3))) \\
&:= 4 + ((4/4 + 4)^4 + (4 + 4)/4) \\
&:= 5 + (5^5 + 5)/5 \\
&:= 6/6 + (666 - 6 \times 6) \\
&:= 7 + ((7/7 + 7) \times (7/7 + 77)) \\
&:= 8 \times (88 - 8) - (8/8 + 8) \\
&:= 9/9 + (9 \times 9 \times 9 - 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 632 &:= 11^{1+1} + ((1 + 1)^{11-1-1} - 1) \\
&:= (22 + 2 + 2)^2 - 2 \times 22 \\
&:= 3 + (3^{3+3} - (3 \times 33 + 3/3)) \\
&:= (4 \times (4 \times (44 - 4))) - 4 - 4 \\
&:= 5 + (5^5 + 5 + 5)/5 \\
&:= 666 + (((6 + 6)/6) - 6 \times 6) \\
&:= (7/7 + 7) \times ((7 + 7)/7 + 77) \\
&:= 8 \times (88 - 8) - 8 \\
&:= 9 \times 9 \times 9 + (((9 + 9)/9) - 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 633 &:= (1 + 1 + 1) \times ((1 + 1) \times 111 - 11) \\
&:= 2 \times (2 + 2) + ((2/2 + 2 + 2)^{2+2}) - 2 \\
&:= 3 + (3 \times ((3 + 3)^3 - (3 + 3))) \\
&:= 4 + ((4/4 + 4)^4 + 4) \\
&:= 5 + ((5^5 - 5 - 5)/5 + 5) \\
&:= 666 - (66 \times 6/(6 + 6)) \\
&:= 7 + ((7 \times (77 + 7 + 7)) - (77/7)) \\
&:= 8/8 + (8 \times (88 - 8) - 8) \\
&:= 9 \times 9 \times 9 + (((9 + 9 + 9)/9) - 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 634 &:= 1 + ((1 + 1 + 1) \times ((1 + 1) \times 111 - 11)) \\
&:= 2 + (((22 + 2 + 2)^2) - (2 \times 22)) \\
&:= 3 \times (3 + 3)^3 - (33/3 + 3) \\
&:= 4 + (((4/4 + 4)^4 + 4/4) + 4) \\
&:= 5 + ((5^5 - 5)/5 + 5) \\
&:= 6 + (666 - (((6 + 6)/6) + 6 \times 6)) \\
&:= 7 + ((7 \times 77 + (77/7)) + 77) \\
&:= (8 + 8)/8 + (8 \times (88 - 8) - 8) \\
&:= 9 + (((99 \times 99) - 9)/(9 + 9)) + 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 635 &:= 11 + ((1 + (1 + 1) \times (1 + 11))^{1+1} - 1) \\
&:= (((2 + 2 + 2)^{2+2}) - 22)/2 - 2 \\
&:= (3 \times ((3 + 3)^3 - 3)) - (3/3 + 3) \\
&:= (4/4 + 4)^4 + (44 - 4)/4 \\
&:= 5 + (5^5/5 + 5) \\
&:= 6 + (666 - (6 \times 6 + 6/6)) \\
&:= (7 \times (77 + 7 + 7)) - (7 + 7)/7 \\
&:= 8 + (88 \times (8 - 8/8) + (88/8)) \\
&:= 9 \times 99 - (((9 + 9)/9)^{9-9/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 636 &:= 11 + (1 + (1 + 1) \times (1 + 11))^{1+1} \\
&:= 2 \times ((2^{2+2} \times (22 - 2)) - 2) \\
&:= (3 \times ((3 + 3)^3 - 3)) - 3 \\
&:= (4 \times (4 \times (44 - 4))) - 4 \\
&:= (55 + 5^5)/5 \\
&:= 6 + (666 - 6 \times 6) \\
&:= (7 \times (77 + 7 + 7)) - 7/7 \\
&:= 8 \times (88 - 8) - (8/((8 + 8)/8)) \\
&:= 9 \times (9 \times 9 - 9) - (99 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 637 &:= 1 + (11 + (1 + (1 + 1) \times (1 + 11))^{1+1}) \\
&:= (((2 + 2 + 2)^{2+2}) - 22)/2 \\
&:= 3 \times (3 + 3)^3 - 33/3 \\
&:= 4 + (((4/4 + 4)^4 + 4) + 4) \\
&:= (55 + 5^5 + 5)/5 \\
&:= 6 + ((666 - 6 \times 6) + 6/6) \\
&:= 7 \times (77 + 7 + 7) \\
&:= 8 + (8 \times (88 - 8) - (88/8)) \\
&:= 9 \times (9 \times 9 - 9) - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 638 &:= 11 \times (1 + 1 + (1 + 111)/(1 + 1)) \\
&:= (2 \times (2^{2+2} \times (22 - 2))) - 2 \\
&:= (3 \times ((3 + 3)^3 - 3)) - 3/3 \\
&:= (4 \times (4 \times (44 - 4))) - (4 + 4)/4 \\
&:= ((55 + 5^5 + 5) + 5)/5 \\
&:= (66/6) \times (((6 + 6)/6)^6 - 6) \\
&:= 7/7 + (7 \times (77 + 7 + 7)) \\
&:= 8 \times (88 - 8) - (8 + 8)/8 \\
&:= 9 \times (9 \times 9 - 9) - 9/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 639 &:= 1 + 11 \times (1 + 1 + (1 + 111)/(1 + 1)) \\
&:= 2 + (((2 + 2 + 2)^{2+2}) - 22)/2 \\
&:= 3 \times ((3 + 3)^3 - 3) \\
&:= (4 \times (4 \times (44 - 4))) - 4/4 \\
&:= 5 + (((5^5 - 5)/5 + 5) + 5) \\
&:= 6 + (666 - (66 \times 6/(6 + 6))) \\
&:= ((7 + 7)/7) + (7 \times (77 + 7 + 7)) \\
&:= 8 \times (88 - 8) - 8/8 \\
&:= 9 \times (9 \times 9 - 9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 640 &:= 111 + (1 + 11 + 11)^{1+1} \\
&:= 2 \times (2^{2+2} \times (22 - 2)) \\
&:= 3/3 + (3 \times ((3 + 3)^3 - 3)) \\
&:= 4 \times (4 \times (44 - 4)) \\
&:= 5 + (5^5/5 + 5 + 5) \\
&:= ((66 - 6)/6) \times ((6 + 6)/6)^6 \\
&:= (7 - ((7 + 7)/7)) \times ((7 + 7)/7)^7 \\
&:= 8 \times (88 - 8) \\
&:= 9/9 + (9 \times (9 \times 9 - 9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 641 &:= 1 + 111 + (1 + 11 + 11)^{1+1} \\
&:= 2/2 + (2 \times (2^{2+2} \times (22 - 2))) \\
&:= 3 + ((3 \times ((3 + 3)^3 - 3)) - 3/3) \\
&:= 4 \times 4 + (4/4 + 4)^4 \\
&:= 5 + ((55 + 5^5)/5) \\
&:= 666 + ((66/6) - 6 \times 6) \\
&:= 77/7 + ((7 \times (77 + 7 + 7)) - 7) \\
&:= 8/8 + 8 \times (88 - 8) \\
&:= 9 \times 9 \times 9 + ((99/9) - 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 642 &:= (1 + 1) \times ((1 + 1 + 1) \times 111 - 1 - 11) \\
&:= 2 + (2 \times (2^{2+2} \times (22 - 2))) \\
&:= 3 + (3 \times ((3 + 3)^3 - 3)) \\
&:= 4 \times 4 + ((4/4 + 4)^4 + 4/4) \\
&:= 5 + ((55 + 5^5 + 5)/5) \\
&:= (6 \times 6 \times (6 + 6 + 6)) - 6 \\
&:= 777 - (((7 + 7)/7)^7 + 7) \\
&:= (8 + 8)/8 + 8 \times (88 - 8) \\
&:= 9 \times 9 \times 9 + (((99 + 9)/9) - 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 643 &:= (1 + 1) \times ((1 + 1 + 1) \times 111 - 11) - 1 \\
&:= (22 - 2)^2 + (22^2 + 2)/2 \\
&:= 3 + ((3 \times ((3 + 3)^3 - 3)) + 3/3) \\
&:= 4 + ((4 \times (4 \times (44 - 4))) - 4/4) \\
&:= 5 + (((55 + 5^5 + 5) + 5)/5) \\
&:= 6/6 + ((6 \times 6 \times (6 + 6 + 6)) - 6) \\
&:= 7 + ((7 \times (77 + 7 + 7)) - 7/7) \\
&:= 88/8 + (8 \times (88 - 8) - 8) \\
&:= 99 + (((99 \times 99) - 9)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 644 &:= (1 + 1) \times ((1 + 1 + 1) \times 111 - 11) \\
&:= 2 \times (((2^{2+2} + 2)^2) - 2) \\
&:= 3 \times (3 + 3)^3 - (3/3 + 3) \\
&:= 4 + (4 \times (4 \times (44 - 4))) \\
&:= 5 \times 5 + ((5^5 - 5)/5 - 5) \\
&:= 666 - ((66 + 66)/6) \\
&:= 7 + (7 \times (77 + 7 + 7)) \\
&:= 8 \times (88 - 8) + (8/((8 + 8)/8)) \\
&:= 99 + (((99 \times 99) + 9)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 645 &:= 1 + (1 + 1) \times ((1 + 1 + 1) \times 111 - 11) \\
&:= (((2 + 2 + 2)^{2+2}) - 2)/2 - 2 \\
&:= 3 \times (3 + 3)^3 - 3 \\
&:= 4 + ((4/4 + 4)^4 + 4 \times 4) \\
&:= 5 \times 5 + (5^5/5 - 5) \\
&:= (6 \times 6 \times 6 \times 6 - 6)/((6 + 6)/6) \\
&:= 7 + ((7 \times (77 + 7 + 7)) + 7/7) \\
&:= 8 + ((8 \times (88 - 8) - (88/8)) + 8) \\
&:= 9 \times (9 \times 9 - 9) - (9 + 9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 646 &:= (1+1) \times (1+(1+1+1) \times 111-11) \\
&:= 2 \times ((2^{2+2}+2)^2) - 2 \\
&:= 3/3 + (3 \times (3+3)^3 - 3) \\
&:= 4 + (((4/4+4)^4 + 4 \times 4) + 4/4) \\
&:= 5 + (((55+5^5)/5) + 5) \\
&:= (6 \times 6 \times (6+6+6)) - (6+6)/6 \\
&:= 7 + ((7 \times (77+7+7)) + ((7+7)/7)) \\
&:= 8 + (8 \times (88-8) - ((8+8)/8)) \\
&:= 9 \times (9 \times 9 - 9) - (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 647 &:= (1+1) \times ((1+1) \times (11-1-1))^{1+1} - 1 \\
&:= (((2+2+2)^{2+2}) - 2)/2 \\
&:= 3 \times (3+3)^3 - 3/3 \\
&:= ((4+4) \times (4-4/4)^4) - 4/4 \\
&:= ((55+55) + 5^5)/5 \\
&:= (6 \times 6 \times (6+6+6)) - 6/6 \\
&:= 7 + ((7 - ((7+7)/7)) \times ((7+7)/7)^7) \\
&:= 8 + (8 \times (88-8) - 8/8) \\
&:= 9 \times (9 \times 9 - 9) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 648 &:= (1+1) \times ((1+1) \times (11-1-1))^{1+1} \\
&:= 2 \times ((2^{2+2}+2)^2) \\
&:= 3 \times (3+3)^3 \\
&:= (4+4) \times (4-4/4)^4 \\
&:= 5 \times 5 + (5^5 - 5 - 5)/5 \\
&:= 6 \times 6 \times (6+6+6) \\
&:= 77/7 + (7 \times (77+7+7)) \\
&:= 8 + 8 \times (88-8) \\
&:= 9 \times (9 \times 9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 649 &:= 11 \times ((11^{1+1} - 1)/(1+1) - 1) \\
&:= (((2+2+2)^{2+2}) + 2)/2 \\
&:= 3/3 + 3 \times (3+3)^3 \\
&:= 4 + (((4/4+4)^4 + 4 \times 4) + 4) \\
&:= 5 \times 5 + (5^5 - 5)/5 \\
&:= 6/6 + (6 \times 6 \times (6+6+6)) \\
&:= 777 - ((7+7)/7)^7 \\
&:= 8 + (8 \times (88-8) + 8/8) \\
&:= 9/9 + 9 \times (9 \times 9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 650 &:= 1 + 11 \times ((11^{1+1} - 1)/(1+1) - 1) \\
&:= 2 + (2 \times ((2^{2+2}+2)^2)) \\
&:= 3 + (3 \times (3+3)^3 - 3/3) \\
&:= (44-4)/4 \times (4^4 + 4)/4 \\
&:= 5 \times (5 \times 5 \times 5 + 5) \\
&:= 666 + (((6-66)/6) - 6) \\
&:= 7 \times 77 + 777/7 \\
&:= 8 + (8 \times (88-8) + ((8+8)/8)) \\
&:= (9+9)/9 + 9 \times (9 \times 9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 651 &:= (1+1+1) \times ((1+1) \times (111-1-1) - 1) \\
&:= 2 + (((2+2+2)^{2+2}) + 2)/2 \\
&:= 3 + 3 \times (3+3)^3 \\
&:= 44/4 + (4 \times (4 \times (44-4))) \\
&:= 5 \times 5 + (5^5 + 5)/5 \\
&:= (6 \times 6 \times 6 \times 6 + 6)/((6+6)/6) \\
&:= 7 + ((7 \times (77+7+7)) + 7) \\
&:= 88/8 + 8 \times (88-8) \\
&:= 9 \times (9 \times 9 - 9) + ((9+9+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 652 &:= (1+1) \times ((1+1+1) \times (111-1-1) - 1) \\
&:= 2 \times (((2^{2+2}+2)^2) + 2) \\
&:= 3 + (3 \times (3+3)^3 + 3/3) \\
&:= 4 + ((4+4) \times (4-4/4)^4) \\
&:= 5 \times 5 + (5^5 + 5 + 5)/5 \\
&:= 666 - ((6+6)/6 + 6 + 6) \\
&:= 7 + (((7 \times (77+7+7)) + 7/7) + 7) \\
&:= ((88+8)/8) + 8 \times (88-8) \\
&:= 9 \times (9 \times 9 - 9) + ((9 \times 9 - 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 653 &:= (11^{1+1+1} - 1)/(1+1) - 1 - 11 \\
&:= 22^2 + ((22/2+2)^2) \\
&:= 3 + ((3 \times (3+3)^3 - 3/3) + 3) \\
&:= 44 + ((4/4+4)^4 - 4 \times 4) \\
&:= 5 + ((5^5 - 5 - 5)/5 + 5 \times 5) \\
&:= 666 - (6/6 + 6 + 6) \\
&:= 7 \times 77 + (((7+7)/7)^7 - (7+7)) \\
&:= 88 + (8 \times (8 \times 8 + 8) - 88/8) \\
&:= 9 \times (9 \times 9 - 9) + ((9 \times 9 + 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 654 &:= (1+1) \times ((1+1+1) \times (111-1-1)) \\
&:= ((22+2+2)^2) - 22 \\
&:= 3 + (3 \times (3+3)^3 + 3) \\
&:= 4 + ((44-4)/4 \times (4^4 + 4)/4) \\
&:= 5 + ((5^5 - 5)/5 + 5 \times 5) \\
&:= 666 - 6 - 6 \\
&:= 77 + (7 \times (77+7) - (77/7)) \\
&:= 8 + ((8 \times (88-8) - ((8+8)/8)) + 8) \\
&:= 9 + (9 \times (9 \times 9 - 9) - ((9+9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 655 &:= (1+1) \times (1+1+1) \times 111 - 11 \\
&:= 2 + (((22/2+2)^2) + 22^2) \\
&:= 3 + ((3 \times (3+3)^3 + 3/3) + 3) \\
&:= (4 \times (4 \times (44-4) + 4)) - 4/4 \\
&:= 5 + (5^5/5 + 5 \times 5) \\
&:= 666 - 66/6 \\
&:= 7 + ((7 \times (77+7+7)) + (77/7)) \\
&:= 8 + ((8 \times (88-8) - 8/8) + 8) \\
&:= 9 + (9 \times (9 \times 9 - 9) - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 656 &:= 1 + ((1+1) \times (1+1+1) \times 111 - 11) \\
&:= 2 + (((22+2+2)^2) - 22) \\
&:= (3 \times ((3+3)^3 + 3)) - 3/3 \\
&:= 4 \times (4 \times (44-4) + 4) \\
&:= 5 + ((5^5 + 5)/5 + 5 \times 5) \\
&:= 666 + (6 - 66)/6 \\
&:= 7 + (777 - ((7+7)/7)^7) \\
&:= 8 + (8 \times (88-8) + 8) \\
&:= 9 + (9 \times (9 \times 9 - 9) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 657 &:= (1+1+1) \times (((1+1) \times (111-1)) - 1) \\
&:= (2/2+2) \times (222 - (2/2+2)) \\
&:= 3 \times ((3+3)^3 + 3) \\
&:= 4 \times (4+4) + (4/4+4)^4 \\
&:= 5^5/5 + ((5+5)/5)^5 \\
&:= 666 + (((6-66) + 6)/6) \\
&:= 7 + (777/7 + 7 \times 77) \\
&:= 8 + ((8 \times (88-8) + 8/8) + 8) \\
&:= 9 + 9 \times (9 \times 9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 658 &:= (1+1) \times (((1+1+1) \times (111-1)) - 1) \\
&:= (22 \times (2 \times (2+2) + 22)) - 2 \\
&:= 3/3 + (3 \times ((3+3)^3 + 3)) \\
&:= 44 + ((4/4+4)^4 - 44/4) \\
&:= (5^5 + 5)/5 + ((5+5)/5)^5 \\
&:= 666 - ((6+6)/6 + 6) \\
&:= 77 + (7 \times (77+7) - 7) \\
&:= 8 + ((8 \times (88-8) + ((8+8)/8)) + 8) \\
&:= 9 + (9 \times (9 \times 9 - 9) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 659 &:= ((1+1) \times ((1+1+1) \times (111-1))) - 1 \\
&:= (((2+2+2)^{2+2}) + 22)/2 \\
&:= 33/3 + 3 \times (3+3)^3 \\
&:= 4 \times 4 \times 44 - (44+4/4) \\
&:= ((55 \times (55+5)) - 5)/5 \\
&:= 666 - 6/6 - 6 \\
&:= 777 - (777/7 + 7) \\
&:= 8 + (8 \times (88-8) + (88/8)) \\
&:= 99/9 + 9 \times (9 \times 9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 660 &:= (1+1) \times ((1+1+1) \times (111-1)) \\
&:= 22 \times (2 \times (2+2) + 22) \\
&:= 3 + (3 \times ((3+3)^3 + 3)) \\
&:= 44 \times (44/4 + 4) \\
&:= 55 \times ((55+5)/5) \\
&:= 666 - 6 \\
&:= 7 \times 77 + (((7+7)/7)^7 - 7) \\
&:= 8 \times 88 - (88/((8+8)/8)) \\
&:= 9 \times (9 \times 9 - 9) + (99+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 661 &:= 1 + ((1+1) \times ((1+1+1) \times (111-1))) \\
&:= 2 + (((2+2+2)^{2+2}) + 22)/2 \\
&:= 3 + ((3 \times ((3+3)^3 + 3)) + 3)/3 \\
&:= 4 + ((4/4+4)^4 + 4 \times (4+4)) \\
&:= 5 \times 5 + ((55+5^5)/5) \\
&:= 6/6 + (666-6) \\
&:= 7 \times 77 + (777+77)/7 \\
&:= ((88+8) \times (8-8/8)) - 88/8 \\
&:= 9 \times (9 \times 9 - 9) + ((99+9+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 662 &:= (1+1) \times (1 + ((1+1+1) \times (111-1))) \\
&:= 2 + (22 \times (2 \times (2+2) + 22)) \\
&:= 3 + (3 \times (3+3)^3 + 33/3) \\
&:= (4+4)/4 + (44 \times (44/4+4)) \\
&:= 5 + (((5+5)/5)^5 + 5^5/5) \\
&:= 666 + ((6+6)/6-6) \\
&:= 7 + (((7 \times (77+7+7)) + (77/7)) + 7) \\
&:= 88 + (8 \times (8 \times 8 + 8) - (8+8)/8) \\
&:= 9 + (((9 \times 9 + 9)/(9+9)) + 9 \times (9 \times 9 - 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 663 &:= (1+1+1) \times ((1+1) \times 111 - 1) \\
&:= 222 + ((22-2/2)^2) \\
&:= 3 + ((3 \times ((3+3)^3 + 3)) + 3) \\
&:= 4 + 4 \times 4 \times 44 - (44+4/4) \\
&:= 5 + ((5^5+5)/5 + ((5+5)/5)^5) \\
&:= 666 - 6 \times 6/(6+6) \\
&:= 7 + ((777 - ((7+7)/7)^7) + 7) \\
&:= 88 + (8 \times (8 \times 8 + 8) - 8/8) \\
&:= 9 + ((9 \times (9 \times 9 - 9) - ((9+9+9)/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 664 &:= (1+1) \times ((1+1+1) \times 111 - 1) \\
&:= ((2/2+2) \times 222) - 2 \\
&:= (3-3/3) \times (333-3/3) \\
&:= 4 + (44 \times (44/4+4)) \\
&:= 5 + (((55 \times (55+5)) - 5)/5) \\
&:= 666 - (6+6)/6 \\
&:= 77 + (7 \times (77+7) - 7/7) \\
&:= 88 + 8 \times (8 \times 8 + 8) \\
&:= (9-9/9) \times (((9+9)/9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 665 &:= (11^{1+1+1} - 1)/(1+1) \\
&:= ((22+2+2)^2) - 22/2 \\
&:= 3^{3+3} - ((3/3+3)^3) \\
&:= 44 + ((4/4+4)^4 - 4) \\
&:= 5 + (55 \times ((55+5)/5)) \\
&:= 666 - 6/6 \\
&:= 77 + 7 \times (77+7) \\
&:= 8/8 + (8 \times (8 \times 8 + 8) + 88) \\
&:= 9 + ((9 \times (9 \times 9 - 9) - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 666 &:= (1+1) \times (1+1+1) \times 111 \\
&:= (2/2+2) \times 222 \\
&:= 3 \times (((3+3)^3 + 3) + 3) \\
&:= ((4+4)/4+4) \times 444/4 \\
&:= 555 + 555/5 \\
&:= 666 \\
&:= (7-7/7) \times 777/7 \\
&:= (8-(8+8)/8) \times 888/8 \\
&:= 9 + (9 \times (9 \times 9 - 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 667 &:= 1 + (1+1) \times (1+1+1) \times 111 \\
&:= 2/2 + ((2/2+2) \times 222) \\
&:= (((3+3) \times 333) + 3)/3 \\
&:= 4444/4 - 444 \\
&:= 555 + (555+5)/5 \\
&:= 6/6 + 666 \\
&:= 7 \times 77 + ((7+7)/7)^7 \\
&:= 8 + ((8 \times (88-8) + (88/8)) + 8) \\
&:= 9 + ((9 \times (9 \times 9 - 9) + 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 668 &:= (1+1) \times (1 + (1+1+1) \times 111) \\
&:= 2 + ((2/2+2) \times 222) \\
&:= 3 + (3^{3+3} - ((3/3+3)^3)) \\
&:= (4 \times ((4 \times 44) - (4+4))) - 4 \\
&:= 55 + ((5^5 - (55+5))/5) \\
&:= 666 + (6+6)/6 \\
&:= (7 \times 7 \times (7+7)) - (77/7+7) \\
&:= 8 + (8 \times 88 - (88/((8+8)/8))) \\
&:= 9 + (9 \times (9 \times 9 - 9) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 669 &:= (1+1+1) \times (1 + (1+1) \times 111) \\
&:= (2/2+2) \times (222+2/2) \\
&:= 3 + (333+333) \\
&:= 44 + (4/4+4)^4 \\
&:= 55 + ((5^5-55)/5) \\
&:= 666 + (6 \times 6/(6+6)) \\
&:= ((7-77)/7) + ((7 \times 7 \times (7+7)) - 7) \\
&:= 8 \times 88 - ((88/8+8+8) + 8) \\
&:= 9 + (9 \times (9 \times 9 - 9) + ((99+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 670 &:= 1 + ((1+1+1) \times (1 + (1+1) \times 111)) \\
&:= 2 + (((2/2+2) \times 222) + 2) \\
&:= 3 + (((3+3) \times 333) + 3)/3 \\
&:= 44 + ((4/4+4)^4 + 4/4) \\
&:= 55 + (5^5/5 - (5+5)) \\
&:= 6 + (666 - ((6+6)/6)) \\
&:= ((7+7)/7) \times (7 \times 7 \times 7 - (7/7+7)) \\
&:= ((88+8) \times (8-8/8)) - (8+8)/8 \\
&:= 9 \times (9 \times 9 - 9) + ((99+99)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 671 &:= 11 \times ((1+11^{1+1})/(1+1)) \\
&:= 2 + ((2/2+2) \times (222+2/2)) \\
&:= 33/3 \times (((3/3+3)^3) - 3) \\
&:= 44/4 \times ((4^4+4)/4-4) \\
&:= 5 + (555/5 + 555) \\
&:= 6 + (666 - 6/6) \\
&:= (7 \times 7 \times (7+7)) - (7/7+7+7) \\
&:= ((88+8) \times (8-8/8)) - 8/8 \\
&:= 99/9 \times (9 \times 9 - (99/9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 672 &:= (1+1) \times ((1+1+1) \times (1+111)) \\
&:= (2/2+2) \times (222+2) \\
&:= 3^3 + (3 \times (3+3)^3 - 3) \\
&:= 4 \times ((4 \times 44) - (4+4)) \\
&:= (5/5+5) \times (555+5)/5 \\
&:= 6 + 666 \\
&:= (7+7) \times (7 \times 7 - 7/7) \\
&:= (88+8) \times (8-8/8) \\
&:= (9-9/9) \times (((9+9+9)/9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 673 &:= 1 + ((1+1) \times ((1+1+1) \times (1+111))) \\
&:= ((22+2+2)^2) - 2/2 - 2 \\
&:= ((3^3-3/3)^{3-3/3}) - 3 \\
&:= 4 + ((4/4+4)^4 + 44) \\
&:= 55 + ((5^5-5-5)/5-5) \\
&:= 6 + (666+6/6) \\
&:= 7 + ((7-7/7) \times 777/7) \\
&:= 8/8 + ((88+8) \times (8-8/8)) \\
&:= 9 + ((9-9/9) \times (((9+9)/9) + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 674 &:= (1+1) \times (1 + ((1+1+1) \times (1+111))) \\
&:= ((22+2+2)^2) - 2 \\
&:= 3^3 + (3 \times (3+3)^3 - 3/3) \\
&:= 4 + (((4/4+4)^4 + 44) + 4/4) \\
&:= 55 + ((5^5-5)/5-5) \\
&:= 6 + (666 + ((6+6)/6)) \\
&:= 7 + (((7+7)/7)^7 + 7 \times 77) \\
&:= 8 + ((8-(8+8)/8) \times 888/8) \\
&:= 9 \times (9+9) + (((9+9)/9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 675 &:= (((1+1) \times (1 + (1+11)))^{1+1}) - 1 \\
&:= ((22+2+2)^2) - 2/2 \\
&:= 3 \times ((3+3)^3 + 3 \times 3) \\
&:= (44/4+4) \times (44+4/4) \\
&:= 5 \times ((5 \times 5 \times 5+5) + 5) \\
&:= 6 + ((6 \times 6/(6+6)) + 666) \\
&:= (7 \times 7 \times (7+7)) - 77/7 \\
&:= (8/8+8) \times (88/8+8 \times 8) \\
&:= 9 + ((9 \times (9 \times 9 - 9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 676 &:= ((1+1) \times (1+(1+11)))^{1+1} \\
&:= (22+2+2)^2 \\
&:= (3^3-3/3)^{3-3/3} \\
&:= 4+(4 \times ((4 \times 44)-(4+4))) \\
&:= 55+(5^5+5)/5-5 \\
&:= 666+(66-6)/6 \\
&:= ((7-77)/7)+(7 \times 7 \times (7+7)) \\
&:= 8 \times 88 + ((8-8 \times 8)/((8+8)/8)) \\
&:= (((9-9/9)+9)+9)^{(9+9)/9}
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 677 &:= 1+(((1+1) \times (1+(1+11)))^{1+1}) \\
&:= 2/2+((22+2+2)^2) \\
&:= (((3+3) \times 333)+33)/3 \\
&:= 4+(((4/4+4)^4+44)+4) \\
&:= 55+(5^5+5+5)/5-5 \\
&:= 666+66/6 \\
&:= (7 \times 7 \times (7+7))-((7+7)/7+7) \\
&:= 8 \times 88 - (88/8+8+8) \\
&:= 9+((9 \times (9 \times 9-9)+(99/9))+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 678 &:= 1+(1+(((1+1) \times (1+(1+11)))^{1+1})) \\
&:= 2+((22+2+2)^2) \\
&:= 3+(3 \times (3+3)^3+3^3) \\
&:= (4-44)/4+(4 \times ((4 \times 44)-4)) \\
&:= 55+(5^5-5-5)/5 \\
&:= 6+(666+6) \\
&:= (7 \times 7 \times (7+7))- (7/7+7) \\
&:= 8 \times 88 + ((8-88)/8-(8+8)) \\
&:= 999/9+(9 \times (9 \times 9-(9+9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 679 &:= (((1+1)^{11})-11)/(1+1+1) \\
&:= 2+(((22+2+2)^2)+2/2) \\
&:= 3+((3^3-3/3)^{3-3/3}) \\
&:= 4+(44/4+4) \times (44+4/4) \\
&:= 55+(5^5-5)/5 \\
&:= 6+(666+6/6+6) \\
&:= (7 \times 7 \times (7+7))-7 \\
&:= 8 \times 88 - (8/8+8+8+8) \\
&:= 9 \times 9 \times 9 - ((9 \times 99+9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 680 &:= 1+(((1+1)^{11})-11)/(1+1+1) \\
&:= 2+(((22+2+2)^2)+2) \\
&:= 33+(3 \times (3+3)^3-3/3) \\
&:= (4+4) \times ((4-4/4)^4+4) \\
&:= 55+5^5/5 \\
&:= 6+(((666+((6+6)/6))+6) \\
&:= 7/7+((7 \times 7 \times (7+7))-7) \\
&:= 8 \times 88 - 8 - 8 - 8 \\
&:= 9 \times 9 \times 9 + ((9-9 \times 99)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 681 &:= ((1+((1+1)^{11}))/((1+1+1))-1-1) \\
&:= 2+(((22+2+2)^2)+2/2)+2) \\
&:= 33+3 \times (3+3)^3 \\
&:= 4+(((4/4+4)^4+44)+4)+4) \\
&:= 55+(5^5+5)/5 \\
&:= 66 \times (6+6) - 666/6 \\
&:= ((7+7)/7)+((7 \times 7 \times (7+7))-7) \\
&:= 8/8+(8 \times 88 - (8+8+8)) \\
&:= 9 \times 99 - (999/9+99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 682 &:= (((1+1)^{11})-(1+1))/(1+1+1) \\
&:= 2+(((22+2+2)^2)+2)+2) \\
&:= 3/3+(3 \times (3+3)^3+33) \\
&:= 44/4 \times ((4^4-4-4)/4) \\
&:= 55+(5^5+5+5)/5 \\
&:= 6+((66-6)/6+666) \\
&:= 7+((7 \times 7 \times (7+7))- (77/7)) \\
&:= 8 \times 88 - (88+88)/8 \\
&:= 99/9 \times (9 \times 9 - (9/9+9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 683 &:= (1+((1+1)^{11}))/((1+1+1) \\
&:= 22^2+(((22-2)^2-2)/2) \\
&:= ((33/3)^3)-3 \times (3+3)^3 \\
&:= (4 \times ((4 \times 44)-4)) - (4/4+4) \\
&:= 5+(5^5-5-5)/5+55) \\
&:= 6+(666+(66/6)) \\
&:= (7 \times 7 \times (7+7))- (7+7+7)/7 \\
&:= 8+((8/8+8) \times (88/8+8 \times 8)) \\
&:= 9+(((9+9)/9)^9)+9 \times (9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 684 &:= 1+((1+((1+1)^{11}))/((1+1+1) \\
&:= 2 \times (2 \times (((22/2+2)^2)+2)) \\
&:= 3+(3 \times (3+3)^3+33) \\
&:= (4 \times ((4 \times 44)-4))-4 \\
&:= 5+((5^5-5)/5+55) \\
&:= 6+((666+6)+6) \\
&:= (7 \times 7 \times (7+7))- (7+7)/7 \\
&:= 8 \times 88 - ((88+8)/8)+8) \\
&:= (99 \times (9 - ((9+9)/9))) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 685 &:= 1+(1+((1+((1+1)^{11}))/((1+1+1)))) \\
&:= 22/2+(((22+2+2)^2)-2) \\
&:= 3^{3+3} - (33/3+33) \\
&:= 4 \times 4 + ((4/4+4)^4+44) \\
&:= 5+(5^5/5+55) \\
&:= 6+((666+6/6+6)+6) \\
&:= (7 \times 7 \times (7+7))-7/7 \\
&:= 8 \times 88 - (88/8+8) \\
&:= 9+(((9-9/9)+9)+9)^{(9+9)/9}
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 686 &:= (11+(((1+1)^{11})-1))/((1+1+1) \\
&:= 2 \times ((22/2)^2+222) \\
&:= (3-3/3) \times (((3/3+3)+3)^3) \\
&:= (4 \times ((4 \times 44)-4)) - (4+4)/4 \\
&:= 5+(5^5+5)/5+55) \\
&:= 6+(((666+((6+6)/6))+6)+6) \\
&:= 7 \times 7 \times (7+7) \\
&:= 8 \times 88 + ((8-88)/8-8) \\
&:= (99-9/9) \times (9 - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 687 &:= 11+(((1+1) \times (1+(1+11)))^{1+1}) \\
&:= 22/2+((22+2+2)^2) \\
&:= 3^{3+3} - (3 \times 3+33) \\
&:= (4 \times ((4 \times 44)-4)) - 4/4 \\
&:= 5+((5^5+5+5)/5+55) \\
&:= ((6 \times 6/(6+6))^6) - (6 \times 6+6) \\
&:= 7/7+(7 \times 7 \times (7+7)) \\
&:= 8 \times 88 - (8/8+8+8) \\
&:= 9+((9 \times (9 \times 9 - (9+9)))+999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 688 &:= (1+1) \times (11+(1+1+1) \times 111) \\
&:= 2 \times (2 \times (2 \times (2 \times 22-2))) \\
&:= 3+(3^{3+3} - (33/3+33)) \\
&:= 4 \times ((4 \times 44)-4) \\
&:= (5 \times 5 \times 5 \times 55+5)/(5+5) \\
&:= 666+((66+66)/6) \\
&:= ((7+7)/7)+(7 \times 7 \times (7+7)) \\
&:= 8 \times 88 - 8 - 8 \\
&:= 9 \times 9 \times 9 - ((9 \times 9 \times 9+9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 689 &:= 1+((1+1) \times (11+(1+1+1) \times 111)) \\
&:= 2+(((22+2+2)^2)+22/2) \\
&:= 3+((3-3/3) \times (((3/3+3)+3)^3)) \\
&:= 4/4+(4 \times ((4 \times 44)-4)) \\
&:= 5+(((5^5-5)/5+55)+5) \\
&:= 6+((666+(66/6))+6) \\
&:= 777 - (77/7+77) \\
&:= 8/8+(8 \times 88 - (8+8)) \\
&:= 9 \times 9 \times 9 + ((9-9 \times 9 \times 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 690 &:= 11+(((1+1)^{11})-11)/(1+1+1) \\
&:= 2+(((2/2+2) \times 222)+22) \\
&:= 33+(3 \times ((3+3)^3+3)) \\
&:= (4+4)/4+(4 \times ((4 \times 44)-4)) \\
&:= 5+((5^5/5+55)+5) \\
&:= 6+(((666+6)+6)+6) \\
&:= 77/7+((7 \times 7 \times (7+7))-7) \\
&:= (8+8)/8+(8 \times 88 - (8+8)) \\
&:= (9/9+9) \times (9 \times 9 - ((99+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 691 &:= ((1+1)^{11-1}) - (1+1+1) \times 111 \\
&:= 2 + (((22+2+2)^2) + 22/2) + 2 \\
&:= 3^{3+3} - (33/3+3^3) \\
&:= 4 + ((4 \times ((4 \times 44) - 4)) - 4/4) \\
&:= 55 + ((55+5^5)/5) \\
&:= 6 \times 6 + (666 - 66/6) \\
&:= 7 + ((7 \times 7 \times (7+7)) - ((7+7)/7)) \\
&:= 8 \times 88 - (88+8+8)/8 \\
&:= 9 \times 9 \times 9 - ((99/9+9+9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 692 &:= (11 \times ((1+1+1) \times (11 + (11-1)))) - 1 \\
&:= 2 \times (((2^{2+2} + 2)^2) + 22) \\
&:= 3^{3+3} - (3/3 + 33 + 3) \\
&:= 4 + (4 \times ((4 \times 44) - 4)) \\
&:= 55 + ((55+5^5+5)/5) \\
&:= 6 \times 6 + (((6-66)/6) + 666) \\
&:= 7 + ((7 \times 7 \times (7+7)) - 7/7) \\
&:= 8 \times 88 - (88+8)/8 \\
&:= 99 + (((9+9)/9)^9) + 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 693 &:= 11 \times ((1+1+1) \times (11 + (11-1))) \\
&:= (2/2+2) \times ((22^2 - 22)/2) \\
&:= 33 \times ((3 \times (3+3)) + 3) \\
&:= 44/4 \times ((4^4 - 4)/4) \\
&:= 5 + ((5 \times 5 \times 5 \times 55 + 5)/(5+5)) \\
&:= ((6 \times 6/(6+6))^6) - 6 \times 6 \\
&:= 7 + (7 \times 7 \times (7+7)) \\
&:= 8 \times 88 - 88/8 \\
&:= 99 \times (9 - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 694 &:= 11 + ((1 + ((1+1)^{11}))/((1+1+1))) \\
&:= 2 + (((22+2+2)^2) + 2^{2+2}) \\
&:= 3/3 + (33 \times ((3 \times (3+3)) + 3)) \\
&:= (4-44)/4 + 4 \times 4 \times 44 \\
&:= 5 + (((5^5 - 5)/5 + 55) + 5) + 5 \\
&:= 6 + (((66+66)/6) + 666) \\
&:= 7 + ((7 \times 7 \times (7+7)) + 7/7) \\
&:= 8 \times 88 + (8-88)/8 \\
&:= 9/9 + (99 \times (9 - ((9+9)/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 695 &:= 1 + 11 + (1 + (1+1)^{11})/(1+1+1) \\
&:= 222 + (22^2 - 22/2) \\
&:= 3^{3+3} - (3/3+33) \\
&:= 4^4 + (444 - (4/4+4)) \\
&:= 5 \times 5 \times (5 \times 5 + 5) - 55 \\
&:= 6 \times 6 + (666 - 6/6 - 6) \\
&:= 7 + ((7 \times 7 \times (7+7)) + ((7+7)/7)) \\
&:= 8 \times 88 - (8/8+8) \\
&:= 9 + ((99-9/9) \times (9 - ((9+9)/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 696 &:= (1+1+1) \times (111 + 11^{1+1}) \\
&:= 2 \times (2 \times ((2 \times 2 \times 2 \times 22) - 2)) \\
&:= 3^{3+3} - 33 \\
&:= 4^4 + (444 - 4) \\
&:= 5 + (((55+5^5)/5) + 55) \\
&:= 6 \times 6 + (666 - 6) \\
&:= (7 \times 7 \times (7+7)) + (77-7)/7 \\
&:= 8 \times 88 - 8 \\
&:= (9-9/9) \times (99 - ((99+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 697 &:= 1 + (1+1+1) \times (111 + 11^{1+1}) \\
&:= (22/2)^2 + ((22+2)^2) \\
&:= 3/3 + (3^{3+3} - 33) \\
&:= 4 + (44/4 \times ((4^4 - 4)/4)) \\
&:= 5 + (((55+5^5+5)/5) + 55) \\
&:= 6 \times 6 + ((666 - 6) + 6/6) \\
&:= 77/7 + (7 \times 7 \times (7+7)) \\
&:= 8/8 + (8 \times 88 - 8) \\
&:= 9 + (9 \times 9 \times 9 - ((9 \times 9 \times 9)/(9+9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 698 &:= (1+1+1) \times (11 + (1+1) \times 111) - 1 \\
&:= 22 + ((22+2+2)^2) \\
&:= 3 + (3^{3+3} - (3/3+33)) \\
&:= 4^4 + (444 - (4+4)/4) \\
&:= (5 \times (5+5+5)) + (5^5 - 5 - 5)/5 \\
&:= ((66/6) \times ((6+6)/6)^6) - 6 \\
&:= 777 - ((7+7)/7+77) \\
&:= (8+8)/8 + (8 \times 88 - 8) \\
&:= 9 \times 9 \times 9 - (((99+99)/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 699 &:= (1+1+1) \times (11 + (1+1) \times 111) \\
&:= 2 + ((22/2)^2 + ((22+2)^2)) \\
&:= 3 + (3^{3+3} - 33) \\
&:= 4^4 + (444 - 4/4) \\
&:= (5^5 - 5)/5 + (5 \times (5+5+5)) \\
&:= 6 + (((6 \times 6/(6+6))^6) - 6 \times 6) \\
&:= 777 - (7/7+77) \\
&:= 88/8 + (8 \times 88 - (8+8)) \\
&:= 9 \times (9 \times 9 + 9) - 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 700 &:= 1 + (1+1+1) \times (11 + (1+1) \times 111) \\
&:= 2 \times ((22 \times 2^{2+2}) - 2) \\
&:= 3 + ((3^{3+3} - 33) + 3/3) \\
&:= 4^4 + 444 \\
&:= 5 \times (((5 \times 5 \times 5 + 5) + 5) + 5) \\
&:= 6 \times 6 + (666 - ((6+6)/6)) \\
&:= 777 - 77 \\
&:= 8 \times 88 - (8/((8+8)/8)) \\
&:= (9/9+9) \times (9 \times 9 - 99/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 701 &:= 1 + 1 + (1+1+1) \times (11 + (1+1) \times 111) \\
&:= 2/2 + (2 \times ((22 \times 2^{2+2}) - 2)) \\
&:= 3^{3+3} - (3^3 + 3/3) \\
&:= 4/4 + (444 + 4^4) \\
&:= (5^5 + 5)/5 + (5 \times (5+5+5)) \\
&:= 6 \times 6 + (666 - 6/6) \\
&:= 7/7 + (777 - 77) \\
&:= 8 + (8 \times 88 - (88/8)) \\
&:= 9 \times 9 \times 9 - ((9/9+9+9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 702 &:= (1+1) \times ((11 \times ((11 \times (1+1+1)) - 1)) - 1) \\
&:= (2 \times (22 \times 2^{2+2})) - 2 \\
&:= 3^{3+3} - 3^3 \\
&:= 4 \times 4 \times 44 - (4+4)/4 \\
&:= 55 + (((55+55) + 5^5)/5) \\
&:= 6 \times 6 + 666 \\
&:= ((7+7)/7) + (777 - 77) \\
&:= 8 \times 88 - (8+8)/8 \\
&:= 9 \times 9 \times 9 - (9+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 703 &:= (11 \times ((1+1)^{(1+1) \times (1+1+1)})) - 1 \\
&:= (2 \times (22 \times 2^{2+2})) - 2/2 \\
&:= 3/3 + (3^{3+3} - 3^3) \\
&:= 4 \times 4 \times 44 - 4/4 \\
&:= 5 \times 5 + ((5^5 - 5 - 5)/5 + 55) \\
&:= 6 \times 6 + (666 + 6/6) \\
&:= 7 + ((7 \times 7 \times (7+7)) + ((77-7)/7)) \\
&:= 8 \times 88 - 8/8 \\
&:= 9/9 + (9 \times 9 \times 9 - (9+9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 704 &:= 11 \times ((1+1)^{(1+1) \times (1+1+1)}) \\
&:= 2 \times (22 \times 2^{2+2}) \\
&:= 33/3 \times ((3/3+3)^3) \\
&:= 4 \times (4 \times 44) \\
&:= 5 \times 5 + ((5^5 - 5)/5 + 55) \\
&:= (66/6) \times ((6+6)/6)^6 \\
&:= 7 + ((7 \times 7 \times (7+7)) + (77/7)) \\
&:= 8 \times 88 \\
&:= (9-9/9) \times (99 - (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 705 &:= 1 + 11 \times ((1+1)^{(1+1) \times (1+1+1)}) \\
&:= 2/2 + (2 \times (22 \times 2^{2+2})) \\
&:= 3 + (3^{3+3} - 3^3) \\
&:= 4/4 + 4 \times 4 \times 44 \\
&:= 5 \times 5 + (5^5/5 + 55) \\
&:= ((66 \times ((6+6)/6)^6) + 6)/6 \\
&:= 7 + ((7 \times 7 \times (7+7)) + (77+7)/7) \\
&:= 8/8 + 8 \times 88 \\
&:= 9 + ((9-9/9) \times (99 - ((99+9)/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 706 &:= 1 + 1 + 11 \times ((1 + 1)^{(1+1) \times (1+1+1)}) \\
&:= 222 + 22^2 \\
&:= 3 + ((3^{3+3} - 3^3) + 3/3) \\
&:= (4 + 4)/4 + 4 \times 4 \times 44 \\
&:= 5 \times 5 + ((5^5 + 5)/5 + 55) \\
&:= 6 + ((666 - ((6 + 6)/6)) + 6 \times 6) \\
&:= 7 + (777 - (7/7 + 77)) \\
&:= (8 + 8)/8 + 8 \times 88 \\
&:= 9 \times 9 \times 9 - ((99 + 99 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 707 &:= (11 - 1 - 1)^{1+1+1} - 11 - 11 \\
&:= 2/2 + (222 + 22^2) \\
&:= 3 + (33/3 \times ((3/3 + 3)^3)) \\
&:= 4 + 4 \times 4 \times 44 - 4/4 \\
&:= 5 \times 5 + ((5^5 + 5 + 5)/5 + 55) \\
&:= 6 + ((666 - 6/6) + 6 \times 6) \\
&:= 7 + (777 - 77) \\
&:= 88/8 + (8 \times 88 - 8) \\
&:= 9 \times 9 \times 9 - ((99 + 99)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 708 &:= (1 + 11) \times ((11^{1+1} - 1)/(1 + 1) - 1) \\
&:= 2 + (222 + 22^2) \\
&:= 3 + ((3^{3+3} - 3^3) + 3) \\
&:= 4 + 4 \times 4 \times 44 \\
&:= ((55 + 5)/5) \times (55 - 5/5 + 5) \\
&:= 6 + (666 + 6 \times 6) \\
&:= 7 + ((777 - 77) + 7/7) \\
&:= 8 \times 88 + (8/((8 + 8)/8)) \\
&:= 9 \times 9 \times 9 - (((99 + 9)/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 709 &:= 11 \times 111 - (1 + 1)^{11-1-1} \\
&:= 2 + ((222 + 22^2) + 2/2) \\
&:= 3^{3+3} - (33/3 + 3 \times 3) \\
&:= 4 + 4 \times 4 \times 44 + 4/4 \\
&:= 5 + (((5^5 - 5)/5 + 55) + 5 \times 5) \\
&:= 6 + ((666 + 6/6) + 6 \times 6) \\
&:= 7 + (((7 + 7)/7 - 77) + 777) \\
&:= 8 + ((8 \times 88 - (88/8)) + 8) \\
&:= 9 \times 9 \times 9 - (99/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 710 &:= (11 - 1) \times ((1 + 11)^{1+1}/(1 + 1) - 1) \\
&:= 2 + ((222 + 22^2) + 2) \\
&:= 3^{3+3} - ((3 \times (3 + 3)) + 3/3) \\
&:= 4 + 4 \times 4 \times 44 + (4 + 4)/4 \\
&:= 5 + ((5^5/5 + 55) + 5 \times 5) \\
&:= 6 + ((66/6) \times ((6 + 6)/6)^6) \\
&:= 777 + (((77 - 7)/7) - 77) \\
&:= 8 + (8 \times 88 - ((8 + 8)/8)) \\
&:= 9 \times 9 \times 9 - (9/9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 711 &:= 1111 - ((1 + 1) \times (11 - 1))^{1+1} \\
&:= (2222/2) - (22 - 2)^2 \\
&:= 3^{3+3} - (3 \times (3 + 3)) \\
&:= 4 + (4 \times 4 \times 44 - 4/4) + 4 \\
&:= ((555 + 5^5)/5) - 5 \times 5 \\
&:= ((6 \times 6)/(6 + 6))^6 - 6 - 6 - 6 \\
&:= 77/7 + (777 - 77) \\
&:= 8 + (8 \times 88 - 8/8) \\
&:= 9 \times 9 \times 9 - (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 712 &:= 1 + (1111 - ((1 + 1) \times (11 - 1))^{1+1}) \\
&:= 2 \times (((22 \times 2^{2+2}) + 2) + 2) \\
&:= 3/3 + (3^{3+3} - (3 \times (3 + 3))) \\
&:= 4 + 4 \times 4 \times 44 + 4 \\
&:= 55 + (((5 + 5)/5)^5 + 5^5/5) \\
&:= 6 \times 6 + ((66 - 6)/6 + 666) \\
&:= 777 + ((77 + 7)/7 - 77) \\
&:= 8 + 8 \times 88 \\
&:= 9/9 + (9 \times 9 \times 9 - (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 713 &:= (1 + (11 + 11)) \times (1 + ((11 - 1) \times (1 + 1 + 1))) \\
&:= ((2/2 + 2)^{2+2+2}) - 2^{2+2} \\
&:= 3^{3+3} + (33/3 - 3^3) \\
&:= 4 + (4 \times 4 \times 44 + 4/4) + 4 \\
&:= (55 \times (55 + 5 + 5) - (5 + 5))/5 \\
&:= 6 \times 6 + (666 + (66/6)) \\
&:= 7 + ((777 - (7/7 + 77)) + 7) \\
&:= 8 + (8 \times 88 + 8/8) \\
&:= 9 \times 9 \times 9 + (((9 + 9)/9) - (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 714 &:= (1 + 1) \times ((1 + 1 + 1) \times (11^{1+1} - (1 + 1))) \\
&:= (2 + 2 + 2) \times ((22/2)^2 - 2) \\
&:= 3 + (3^{3+3} - (3 \times (3 + 3))) \\
&:= 4 \times 4 \times 44 + (44 - 4)/4 \\
&:= (55 \times (55 + 5 + 5) - 5)/5 \\
&:= (6 + 6) \times (66 - 6) - 6 \\
&:= 7 + ((777 - 77) + 7) \\
&:= 8 + ((8 + 8)/8 + 8 \times 88) \\
&:= 9 \times 9 \times 9 + (((9 + 9 + 9)/9) - (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 715 &:= 11 \times (1 + ((1 + 1)^{(1+1) \times (1+1+1)})) \\
&:= 22/2 + (2 \times (22 \times 2^{2+2})) \\
&:= 3^{3+3} - (33/3 + 3) \\
&:= 44/4 + 4 \times 4 \times 44 \\
&:= 55 \times (55 + 5 + 5)/5 \\
&:= (66/6) \times (66 - 6/6) \\
&:= 7 + (((777 - 77) + 7/7) + 7) \\
&:= 88/8 + 8 \times 88 \\
&:= 9 \times 9 \times 9 + (((9 - 99)/(9 + 9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 716 &:= ((1 + 1)^{11}) - (1 + 11^{1+1+1}) \\
&:= 2 + ((2 + 2 + 2) \times ((22/2)^2 - 2)) \\
&:= 3^{3+3} + (((3 - 33)/3) - 3) \\
&:= (4 \times ((4 \times 44) + 4)) - 4 \\
&:= (55 \times (55 + 5 + 5) + 5)/5 \\
&:= ((66 \times (66 - 6/6)) + 6)/6 \\
&:= 7 \times (77 + 7) + ((7 + 7)/7)^7 \\
&:= 8 \times 88 + (88 + 8)/8 \\
&:= 9 \times 9 \times 9 - ((99 + 9 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 717 &:= ((1 + 1)^{11}) - 11^{1+1+1} \\
&:= 222 + (22/2 + 22^2) \\
&:= 3^{3+3} - (3 \times 3 + 3) \\
&:= 4/4 + ((4 \times ((4 \times 44) + 4)) - 4) \\
&:= ((55 \times (55 + 5 + 5) + 5) + 5)/5 \\
&:= ((6 \times 6/(6 + 6))^6) - 6 - 6 \\
&:= 777 - (77/7 + 7 \times 7) \\
&:= 8 \times 88 + (88 + 8 + 8)/8 \\
&:= 9 \times 9 \times 9 - (99 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 718 &:= (11 - 1 - 1)^{1+1+1} - 11 \\
&:= 2 \times (((22 - (2/2 + 2))^2) - 2) \\
&:= 3^{3+3} - 33/3 \\
&:= (4 \times ((4 \times 44) + 4)) - (4 + 4)/4 \\
&:= 5 \times 5 \times (5 \times 5 + 5) - ((5 + 5)/5)^5 \\
&:= (6 + 6) \times (66 - 6) - (6 + 6)/6 \\
&:= 7 + ((77/7 - 77) + 777) \\
&:= 8 + ((8 \times 88 - ((8 + 8)/8)) + 8) \\
&:= 9 \times 9 \times 9 - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 719 &:= 1 + ((11 - 1 - 1)^{1+1+1} - 11) \\
&:= ((22 - 2) \times (2 + 2 + 2)^2) - 2/2 \\
&:= 3^{3+3} + ((3 - 33)/3) \\
&:= (4 \times ((4 \times 44) + 4)) - 4/4 \\
&:= (((55 + 5)^{(5+5)/5}) - 5)/5 \\
&:= (6 + 6) \times (66 - 6) - 6/6 \\
&:= 777 - (((7 + 7)/7 + 7 \times 7) + 7) \\
&:= 8 + ((8 \times 88 - 8/8) + 8) \\
&:= 9 \times 9 \times 9 - 9/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 720 &:= (1 + 1) \times ((1 + 1 + 1) \times (11^{1+1} - 1)) \\
&:= (22 - 2) \times (2 + 2 + 2)^2 \\
&:= 3^{3+3} - 3 \times 3 \\
&:= 4 \times ((4 \times 44) + 4) \\
&:= (5/5 + 5) \times (5 \times 5 \times 5 - 5) \\
&:= (6 + 6) \times (66 - 6) \\
&:= 777 - ((7/7 + 7 \times 7) + 7) \\
&:= 8 + (8 \times 88 + 8) \\
&:= 9 \times 9 \times 9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 721 &:= (111 + 11^{1+1+1}) / (1 + 1) \\
&:= (((2 + 2 + 2)^2 + 2^2) - 2) / 2 \\
&:= 3 + (3^{3+3} - 33/3) \\
&:= 4/4 + (4 \times ((4 \times 44) + 4)) \\
&:= (((55 + 5)^{(5+5)/5}) + 5) / 5 \\
&:= 6/6 + (6 + 6) \times (66 - 6) \\
&:= 777 - (7 \times 7 + 7) \\
&:= 8 + ((8 \times 88 + 8/8) + 8) \\
&:= 9/9 + (9 \times 9 \times 9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 722 &:= (1 + 1) \times (((1 + 1) \times (11 - 1)) - 1)^{1+1} \\
&:= 2 \times ((22 - (2/2 + 2))^2) \\
&:= 3^{3+3} - ((3/3 + 3) + 3) \\
&:= (4 + 4) / 4 + (4 \times ((4 \times 44) + 4)) \\
&:= (((55 + 5)^{(5+5)/5}) + 5) / 5 \\
&:= (6 + 6) / 6 + (6 + 6) \times (66 - 6) \\
&:= 7/7 + (777 - (7 \times 7 + 7)) \\
&:= 8 + (((8 + 8) / 8) + 8 \times 88) + 8) \\
&:= 9 \times 9 \times 9 + ((9 + 9) / 9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 723 &:= (1 + 1 + 1) \times (((1 + 1) \times 11^{1+1}) - 1) \\
&:= (2/2 + 2) \times (22^2 - 2) / 2 \\
&:= 3^{3+3} - (3 + 3) \\
&:= 4 + ((4 \times ((4 \times 44) + 4)) - 4/4) \\
&:= 5 \times (5 \times 5 - 5) + (5^5 - 5 - 5) / 5 \\
&:= ((6 \times 6 / (6 + 6))^6) - 6 \\
&:= 7 + (7 \times (77 + 7) + ((7 + 7) / 7)^7) \\
&:= 8 + (88/8 + 8 \times 88) \\
&:= 9 \times 9 \times 9 + ((9 + 9 + 9) / 9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 724 &:= (1 + 1) \times ((11 \times (11 \times (1 + 1 + 1))) - 1) \\
&:= 2 + (2 \times ((22 - (2/2 + 2))^2)) \\
&:= 3/3 + (3^{3+3} - (3 + 3)) \\
&:= 4 + (4 \times ((4 \times 44) + 4)) \\
&:= (5^5 - 5) / 5 + 5 \times (5 \times 5 - 5) \\
&:= (66 \times 66 - 6 - 6) / 6 \\
&:= (7 \times (7 \times (7 + 7) + 7)) - 77/7 \\
&:= 8 + (((88 + 8) / 8) + 8 \times 88) \\
&:= 9 \times 9 \times 9 + ((9 - 99) / (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 725 &:= ((1 + 1) \times (11 \times (11 \times (1 + 1 + 1)))) - 1 \\
&:= 22^2 + (22^2 - 2) / 2 \\
&:= 3^{3+3} - (3/3 + 3) \\
&:= 4 + ((4 \times ((4 \times 44) + 4)) + 4/4) \\
&:= 5 \times (5 \times (5 \times 5 + 5) - 5) \\
&:= (66 \times 66 - 6) / 6 \\
&:= 777 - (((7 + 7 + 7) / 7) + 7 \times 7) \\
&:= 8 + (((88 + 8 + 8) / 8) + 8 \times 88) \\
&:= 9 \times 9 \times 9 + ((9 - 9 \times 9) / (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 726 &:= (1 + 1) \times (11 \times (11 \times (1 + 1 + 1))) \\
&:= 22 \times (22/2 + 22) \\
&:= 3^{3+3} - 3 \\
&:= 44/4 \times (((4^4 + 4) + 4) / 4) \\
&:= 5/5 + (5 \times (5 \times (5 \times 5 + 5) - 5)) \\
&:= 66 \times (66/6) \\
&:= (7 - 7/7) \times (((7 + 7) / 7)^7 - 7) \\
&:= 8 \times 88 + (88 + 88) / 8 \\
&:= 9 \times 9 \times 9 - (9 + 9 + 9) / 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 727 &:= (11 - 1 - 1)^{1+1+1} - 1 - 1 \\
&:= ((2/2 + 2)^{2+2+2}) - 2 \\
&:= 3/3 + (3^{3+3} - 3) \\
&:= 4 + (((4 \times ((4 \times 44) + 4)) - 4/4) + 4) \\
&:= (5 + 5) / 5 + (5 \times (5 \times (5 \times 5 + 5) - 5)) \\
&:= (66 \times 66 + 6) / 6 \\
&:= 777 - (7/7 + 7 \times 7) \\
&:= 8 + (((8 \times 88 - 8/8) + 8) + 8) \\
&:= 9 \times 9 \times 9 - (9 + 9) / 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 728 &:= (11 - 1 - 1)^{1+1+1} - 1 \\
&:= 2 + (22^2 / 2 + 22^2) \\
&:= 3^{3+3} - 3/3 \\
&:= 4 + ((4 \times ((4 \times 44) + 4)) + 4) \\
&:= (55 + 5/5) \times (55 + 5 + 5) / 5 \\
&:= ((6 \times 6 / (6 + 6))^6) - 6/6 \\
&:= 777 - 7 \times 7 \\
&:= 8 + (8 \times 88 + 8 + 8) \\
&:= 9 \times 9 \times 9 - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 729 &:= (11 - 1 - 1)^{1+1+1} \\
&:= (2/2 + 2)^{2+2+2} \\
&:= 3^{3+3} \\
&:= (4 - 4/4)^{4+(4+4)/4} \\
&:= (5 - (5 + 5) / 5)^{5/5+5} \\
&:= (6 \times 6 / (6 + 6))^6 \\
&:= 7/7 + (777 - 7 \times 7) \\
&:= (8/8 + 8)^{88/8-8} \\
&:= 9 \times 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 730 &:= 1 + (11 - 1 - 1)^{1+1+1} \\
&:= 2/2 + ((2/2 + 2)^{2+2+2}) \\
&:= 3/3 + 3^{3+3} \\
&:= 4 + (44/4 \times (((4^4 + 4) + 4) / 4)) \\
&:= 5 + (5 \times (5 \times (5 \times 5 + 5) - 5)) \\
&:= 6/6 + ((6 \times 6 / (6 + 6))^6) \\
&:= ((7 + 7) / 7) + (777 - 7 \times 7) \\
&:= 8 + (((8 + 8) / 8) + 8 \times 88) + 8) \\
&:= 9/9 + 9 \times 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 731 &:= 1 + (1 + (11 - 1 - 1)^{1+1+1}) \\
&:= 2 + ((2/2 + 2)^{2+2+2}) \\
&:= 3 + (3^{3+3} - 3/3) \\
&:= 44/4 + (4 \times ((4 \times 44) + 4)) \\
&:= ((555 + 5^5) / 5) - 5 \\
&:= 6 + ((66 \times 66 - 6) / 6) \\
&:= 7 + ((7 \times (7 \times (7 + 7) + 7)) - (77/7)) \\
&:= 8 + ((88/8 + 8 \times 88) + 8) \\
&:= 9 \times 9 \times 9 + ((9 + 9) / 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 732 &:= 1 + (1 + (1 + (11 - 1 - 1)^{1+1+1})) \\
&:= (2/2 + 2) \times (22^2 / 2 + 2) \\
&:= 3 + 3^{3+3} \\
&:= 44 + (4 \times ((4 \times 44) - 4)) \\
&:= (((555 + 5^5) + 5) / 5) - 5 \\
&:= 66 + 666 \\
&:= 77/7 + (777 - (7 \times 7 + 7)) \\
&:= 8 + (((88 + 8) / 8) + 8 \times 88) + 8) \\
&:= 9 \times 9 \times 9 + ((9 + 9 + 9) / 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 733 &:= 1 + (1 + (1 + (1 + (11 - 1 - 1)^{1+1+1}))) \\
&:= 2 + (((2/2 + 2)^{2+2+2}) + 2) \\
&:= 3 + (3^{3+3} + 3/3) \\
&:= 4 + ((4 - 4/4)^{4+(4+4)/4}) \\
&:= 55 + ((5^5 - 5 - 5) / 5 + 55) \\
&:= 6 + ((66 \times 66 + 6) / 6) \\
&:= (7 \times (7 \times (7 + 7) + 7)) - (7 + 7) / 7 \\
&:= 8 + (((88 + 8 + 8) / 8) + 8 \times 88) + 8) \\
&:= 9 \times 9 \times 9 + ((9 \times 9 - 9) / (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 734 &:= (1 + 1) \times (1 + ((1 + 1 + 1) \times (1 + 11^{1+1}))) \\
&:= 222 + (2^{(2/2+2)^2}) \\
&:= 3 + ((3^{3+3} - 3/3) + 3) \\
&:= (4 + 4) / 4 \times (444/4 + 4^4) \\
&:= 5 + ((5 - (5 + 5) / 5)^{5/5+5}) \\
&:= 6 + (((6 \times 6 / (6 + 6))^6) - 6/6) \\
&:= (7 \times (7 \times (7 + 7) + 7)) - 7/7 \\
&:= 8 + ((88 + 88) / 8 + 8 \times 88) \\
&:= 9 \times 9 \times 9 + ((9 \times 9 + 9) / (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 735 &:= (1 + 1 + 1) \times (1 + ((1 + 1) \times (1 + 11^{1+1}))) \\
&:= 2 + (((2/2 + 2)^{2+2+2}) + 2) + 2) \\
&:= 3 + (3^{3+3} + 3) \\
&:= (4 - 4/4) \times (4^4 - 44/4) \\
&:= 55 + (5^5 / 5 + 55) \\
&:= 6 + ((6 \times 6 / (6 + 6))^6) \\
&:= 7 \times (7 \times (7 + 7) + 7) \\
&:= 8 + (((8 \times 88 - 8/8) + 8) + 8) + 8) \\
&:= 9 + (9 \times 9 \times 9 - ((9 + 9 + 9) / 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 736 &:= 111 + (1 + (1 + 1) \times (1 + 11))^{1+1} \\
&:= 2^{2+2} \times ((2 \times 22) + 2) \\
&:= 3 + ((3^{3+3} + 3/3) + 3) \\
&:= 4 \times (((4 \times 44) + 4) + 4) \\
&:= (555 + 5^5)/5 \\
&:= 6 + (((6 \times 6/(6+6))^6) + 6/6) \\
&:= 7/7 + (7 \times (7 \times (7 + 7) + 7)) \\
&:= 8 + ((8 \times 88 + 8 + 8) + 8) \\
&:= 9 + (9 \times 9 \times 9 - ((9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 737 &:= 11 \times (1 + ((1 + 1) \times (11 \times (1 + 1 + 1)))) \\
&:= 2/2 + (2^{2+2} \times ((2 \times 22) + 2)) \\
&:= 3 \times 3 + (3^{3+3} - 3/3) \\
&:= 4/4 + (4 \times (((4 \times 44) + 4) + 4)) \\
&:= ((555 + 5^5) + 5)/5 \\
&:= (66/6) \times (66 + 6/6) \\
&:= ((7 + 7)/7) + (7 \times (7 \times (7 + 7) + 7)) \\
&:= 8 + ((8/8 + 8)^{88/8-8}) \\
&:= 9 + (9 \times 9 \times 9 - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 738 &:= 1 + (11 \times (1 + ((1 + 1) \times (11 \times (1 + 1 + 1)))) \\
&:= 2 + (2^{2+2} \times ((2 \times 22) + 2)) \\
&:= 3 \times 3 + 3^{3+3} \\
&:= 4^4 + ((44 \times 44 - (4 + 4))/4) \\
&:= (((555 + 5^5) + 5) + 5)/5 \\
&:= 6 + (666 + 66) \\
&:= 777 + (((77 - 7)/7) - 7 \times 7) \\
&:= (8/8 + 8) \times (((8 + 8)/8) - 8) + 88 \\
&:= 9 + 9 \times 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 739 &:= 11 + ((11 - 1 - 1)^{1+1+1} - 1) \\
&:= 22^2 + (2^{2 \times (2+2)} - 2/2) \\
&:= 3 \times 3 + (3^{3+3} + 3/3) \\
&:= 4^4 + ((44 \times 44 - 4)/4) \\
&:= 5 \times 5 \times 5 + ((5^5 - 55)/5) \\
&:= 6 + (((66 \times 66 + 6)/6) + 6) \\
&:= 77/7 + (777 - 7 \times 7) \\
&:= 8 + (((88/8 + 8 \times 88) + 8) + 8) \\
&:= 9 + (9 \times 9 \times 9 + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 740 &:= 11 + (11 - 1 - 1)^{1+1+1} \\
&:= 22^2 + 2^{2 \times (2+2)} \\
&:= 3^{3+3} + 33/3 \\
&:= 4 + (4 \times (((4 \times 44) + 4) + 4)) \\
&:= 5 \times 5 \times (5 \times 5 + 5) - 5 - 5 \\
&:= 66/6 + ((6 \times 6/(6+6))^6) \\
&:= 7 + ((7 \times (7 \times (7 + 7) + 7)) - ((7 + 7)/7)) \\
&:= 8 \times 88 + ((8 \times 8 + 8)/((8 + 8)/8)) \\
&:= 9 \times 9 \times 9 + (99/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 741 &:= 1 + (11 + (11 - 1 - 1)^{1+1+1}) \\
&:= 2/2 + (2^{2 \times (2+2)} + 22^2) \\
&:= 3 + (3^{3+3} + 3 \times 3) \\
&:= 4^4 + ((44 \times 44 + 4)/4) \\
&:= 5 + ((555 + 5^5)/5) \\
&:= 6 + (((6 \times 6/(6+6))^6) + 6) \\
&:= 7 + ((7 \times (7 \times (7 + 7) + 7)) - 7/7) \\
&:= 8 \times 88 + 888/(8 + 8 + 8) \\
&:= 9 \times 9 \times 9 + (99 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 742 &:= 1 + (1 + (11 + (11 - 1 - 1)^{1+1+1})) \\
&:= 2 + (2^{2 \times (2+2)} + 22^2) \\
&:= 3 + ((3^{3+3} + 3/3) + 3 \times 3) \\
&:= 4^4 + (((44 \times 44 + 4) + 4)/4) \\
&:= 5 + (((555 + 5^5) + 5)/5) \\
&:= 6 + (((6 \times 6/(6+6))^6) + 6/6 + 6) \\
&:= 7 + (7 \times (7 \times (7 + 7) + 7)) \\
&:= 8 + (((88 + 88)/8 + 8 \times 88) + 8) \\
&:= 9 \times 9 \times 9 + ((99 + 9 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 743 &:= 1 + (1 + (1 + (11 + (11 - 1 - 1)^{1+1+1}))) \\
&:= 2 + ((2^{2 \times (2+2)} + 22^2) + 2/2) \\
&:= 3 + (3^{3+3} + 33/3) \\
&:= 4 + (((44 \times 44 - 4)/4) + 4^4) \\
&:= 5 + (((555 + 5^5) + 5) + 5)/5 \\
&:= 6 + ((66/6) \times (66 + 6/6)) \\
&:= 7 + ((7 \times (7 \times (7 + 7) + 7)) + 7/7) \\
&:= 888/8 + (8 \times (88 - 8) - 8) \\
&:= 9 + (((9 \times 9 + 9)/(9 + 9)) + 9 \times 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 744 &:= (1 + 11) \times (1 + ((1 + 11^{1+1})/(1 + 1))) \\
&:= (2 \times 22^2) - (222 + 2) \\
&:= 3 + ((3^{3+3} + 3 \times 3) + 3) \\
&:= 44 + (444 + 4^4) \\
&:= 5 \times 5 \times 5 + ((5^5 - 5)/5 - 5) \\
&:= 6 + ((666 + 66) + 6) \\
&:= 7 + ((7 \times (7 \times (7 + 7) + 7)) + ((7 + 7)/7)) \\
&:= 8 \times (88 + 8) - 8 - 8 - 8 \\
&:= 9 + ((9 \times 9 \times 9 - ((9 + 9 + 9)/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 745 &:= (1 + (1 + (1 + ((1 + 1)^{1+1+1}))))/11 \\
&:= 2^{2+2} + ((2/2 + 2)^{2+2+2}) \\
&:= 3^3 + (3^{3+3} - 33/3) \\
&:= 4 + (((44 \times 44 + 4)/4) + 4^4) \\
&:= 5 \times 5 \times (5 \times 5 + 5) - 5 \\
&:= 6 + (((66 \times 66 + 6)/6) + 6) + 6 \\
&:= 777 - ((77/7 + 7 + 7) + 7) \\
&:= 8 + (((8/8 + 8)^{88/8-8}) + 8) \\
&:= 9 + ((9 \times 9 \times 9 - ((9 + 9)/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 746 &:= (1 + 1) \times (((11 + 11)^{1+1}) - 111) \\
&:= (2 \times 22^2) - 222 \\
&:= 3 + ((3^{3+3} + 33/3) + 3) \\
&:= 44 + 4 \times 4 \times 44 - (4 + 4)/4 \\
&:= 5 + (((555 + 5^5)/5) + 5) \\
&:= 6 + (((6 \times 6/(6+6))^6) + (66/6)) \\
&:= 77/7 + (7 \times (7 \times (7 + 7) + 7)) \\
&:= 8 \times (88 + 8) - (88 + 88)/8 \\
&:= 9 + ((9 \times 9 \times 9 - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 747 &:= ((1 + 1) \times (11 \times (1 + (11 \times (1 + 1 + 1)))) - 1) \\
&:= 2/2 + ((2 \times 22^2) - 222) \\
&:= 3 \times ((3 + 3)^3 + 33) \\
&:= 44 + 4 \times 4 \times 44 - 4/4 \\
&:= ((555 + 55) + 5^5)/5 \\
&:= 6 + (((6 \times 6/(6+6))^6) + 6) + 6 \\
&:= (77 + 7)/7 + (7 \times (7 \times (7 + 7) + 7)) \\
&:= (8/8 + 8) \times ((88/8 + 8 \times 8) + 8) \\
&:= 9 + (9 \times 9 \times 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 748 &:= (1 + 1) \times (11 \times (1 + (11 \times (1 + 1 + 1)))) \\
&:= 22 \times ((2 \times 2^{2+2}) + 2) \\
&:= 3/3 + (3^{3+3} + (3 \times (3 + 3))) \\
&:= 44 + 4 \times 4 \times 44 \\
&:= 5 \times 5 \times 5 + (5^5 - 5 - 5)/5 \\
&:= (66/6) \times (((6 + 6)/6) + 66) \\
&:= 7 + (((7 \times (7 \times (7 + 7) + 7)) - 7/7) + 7) \\
&:= 8 \times 88 + (88/((8 + 8)/8)) \\
&:= 9 + ((9 \times 9 \times 9 + 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 749 &:= 1 + ((1 + 1) \times (11 \times (1 + (11 \times (1 + 1 + 1)))) \\
&:= 22 + (((2/2 + 2)^{2+2+2}) - 2) \\
&:= 3 \times 3 + (3^{3+3} + 33/3) \\
&:= 44 + 4 \times 4 \times 44 + 4/4 \\
&:= 5 \times 5 \times 5 + (5^5 - 5)/5 \\
&:= 6 + (((66/6) \times (66 + 6/6)) + 6) \\
&:= 7 + ((7 \times (7 \times (7 + 7) + 7)) + 7) \\
&:= 8 \times (88 + 8) - (88/8 + 8) \\
&:= 9 + (9 \times 9 \times 9 + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 750 &:= (1 + 1) \times (1 + (11 \times (1 + (11 \times (1 + 1 + 1)))) \\
&:= 2 + (22 \times ((2 \times 2^{2+2}) + 2)) \\
&:= 3 + (3^{3+3} + (3 \times (3 + 3))) \\
&:= 44 + 4 \times 4 \times 44 + (4 + 4)/4 \\
&:= 5 \times 5 \times (5 \times 5 + 5) \\
&:= 66 \times (6 + 6) - (6 \times 6 + 6) \\
&:= (7/7 + 7 + 7) \times (7/7 + 7 \times 7) \\
&:= (8 - 88)/8 + (8 \times (88 + 8) - 8) \\
&:= 9 + (((99 + 9)/9) + 9 \times 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 751 &:= 11 + (11 + (11 - 1 - 1)^{1+1+1}) \\
&:= 22 + ((2/2 + 2)^{2+2+2}) \\
&:= 33 + (3^{3+3} - 33/3) \\
&:= (4 \times (4^4 - 4)) - (4/4 + 4^4) \\
&:= 5/5 + 5 \times 5 \times (5 \times 5 + 5) \\
&:= 6 \times 6 + ((66/6) \times (66 - 6/6)) \\
&:= 777 - ((77 + 7)/7 + 7 + 7) \\
&:= 888/8 + 8 \times (88 - 8) \\
&:= 9 \times 9 \times 9 + ((99 + 99)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 752 &:= 1 + (11 + (11 + (11 - 1 - 1)^{1+1+1})) \\
&:= 2 \times ((22 - 2)^2 - (22 + 2)) \\
&:= 3^3 + (3^{3+3} - (3/3 + 3)) \\
&:= 4 \times (444 - 4^4) \\
&:= 5 \times 5 \times 5 + (5^5 + 5 + 5)/5 \\
&:= 6 + (((6 \times 6/(6 + 6))^6) + (66/6) + 6) \\
&:= 777 - (77/7 + 7 + 7) \\
&:= 8 \times (88 + 8) - 8 - 8 \\
&:= 9 \times 9 \times 9 + ((99 + 99 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 753 &:= (((1 + 11)^{1+1+1})/(1 + 1)) - 111 \\
&:= 2 + (((2/2 + 2)^{2+2+2}) + 22) \\
&:= 3^3 + (3^{3+3} - 3) \\
&:= 4/4 + (4 \times (444 - 4^4)) \\
&:= 5 + ((5^5 - 5 - 5)/5 + 5 \times 5 \times 5) \\
&:= 6 + (((6 \times 6/(6 + 6))^6) + 6) + 6 + 6) \\
&:= 7 + ((7 \times (7 \times (7 + 7) + 7)) + (77/7)) \\
&:= 8/8 + (8 \times (88 + 8) - (8 + 8)) \\
&:= 9 + (((9 \times 9 \times 9 - (9 + 9 + 9)/9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 754 &:= 1 + (((1 + 11)^{1+1+1})/(1 + 1)) - 111) \\
&:= (2 \times ((22 - 2)^2 - 22)) - 2 \\
&:= 3^3 + ((3^{3+3} - 3) + 3/3) \\
&:= (4 + 4)/4 + (4 \times (444 - 4^4)) \\
&:= 5 + ((5^5 - 5)/5 + 5 \times 5 \times 5) \\
&:= 6 + ((66/6) \times (((6 + 6)/6) + 66)) \\
&:= 777 - (((7 + 7)/7 + 7) + 7) + 7) \\
&:= (8 + 8)/8 + (8 \times (88 + 8) - (8 + 8)) \\
&:= 9 + (((9 \times 9 \times 9 - (9 + 9)/9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 755 &:= 11^{1+1+1} - (((1 + 1) \times (1 + 11))^{1+1}) \\
&:= (2 \times ((22 - 2)^2 - 22)) - 2/2 \\
&:= 3^3 + (3^{3+3} - 3/3) \\
&:= ((4 - 4/4) \times (4^4 - 4)) - 4/4 \\
&:= 5 + 5 \times 5 \times (5 \times 5 + 5) \\
&:= 66 \times (6 + 6) - (6 \times 6 + 6/6) \\
&:= 777 - (7/7 + 7 + 7 + 7) \\
&:= 8 \times (88 + 8) - (88 + 8 + 8)/8 \\
&:= 9 + (((9 \times 9 \times 9 - 9/9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 756 &:= (1 + 1 + 1) \times ((1 + 11) \times (11 + (11 - 1))) \\
&:= 2 \times ((22 - 2)^2 - 22) \\
&:= 3^3 + 3^{3+3} \\
&:= (4 - 4/4) \times (4^4 - 4) \\
&:= 5 + (5 \times 5 \times (5 \times 5 + 5) + 5/5) \\
&:= 6 \times ((66 - 6) + 66) \\
&:= 777 - (7 + 7 + 7) \\
&:= 8 \times (88 + 8) - (88 + 8)/8 \\
&:= 9 + ((9 \times 9 \times 9 + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 757 &:= 1 + ((1 + 1 + 1) \times ((1 + 11) \times (11 + (11 - 1)))) \\
&:= 2/2 + (2 \times ((22 - 2)^2 - 22)) \\
&:= 3^3 + (3^{3+3} + 3/3) \\
&:= 4/4 + ((4 - 4/4) \times (4^4 - 4)) \\
&:= 5 + (5 \times 5 \times (5 \times 5 + 5) + ((5 + 5)/5)) \\
&:= 6/6 + (6 \times ((66 - 6) + 66)) \\
&:= 7/7 + (777 - (7 + 7 + 7)) \\
&:= 8 \times (88 + 8) - 88/8 \\
&:= 9 + (((9 \times 9 \times 9 + 9/9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 758 &:= (11 \times ((1 + 1 + 1) \times (1 + (11 + 11)))) - 1 \\
&:= 2 + (2 \times ((22 - 2)^2 - 22)) \\
&:= 3 + ((3^{3+3} - 3/3) + 3^3) \\
&:= (4 + 4)/4 + ((4 - 4/4) \times (4^4 - 4)) \\
&:= 5 + (((5^5 - 5 - 5)/5 + 5 \times 5 \times 5) + 5) \\
&:= (6 + 6)/6 + (6 \times ((66 - 6) + 66)) \\
&:= 777 - ((77 + 7)/7 + 7) \\
&:= (8 - 88)/8 + 8 \times (88 + 8) \\
&:= 9 + ((9 \times 9 \times 9 + (99/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 759 &:= 11 \times ((1 + 1 + 1) \times (1 + (11 + 11))) \\
&:= (2/2 + 2) \times ((22^2 + 22)/2) \\
&:= 3 + (3^{3+3} + 3^3) \\
&:= (4 - 4/4) \times ((4/4 - 4) + 4^4) \\
&:= 5 + (((5^5 - 5)/5 + 5 \times 5 \times 5) + 5) \\
&:= 6 \times 6 + (((6 \times 6/(6 + 6))^6) - 6) \\
&:= 777 - (77/7 + 7) \\
&:= 8 \times (88 + 8) - (8/8 + 8) \\
&:= 9 \times (9 \times 9 - 9) + 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 760 &:= 1 + (11 \times ((1 + 1 + 1) \times (1 + (11 + 11)))) \\
&:= 2 \times (((22 - 2)^2 - 22) + 2) \\
&:= 3 + ((3^{3+3} + 3/3) + 3^3) \\
&:= 4 + ((4 - 4/4) \times (4^4 - 4)) \\
&:= 5 + (5 \times 5 \times (5 \times 5 + 5) + 5) \\
&:= 6 \times 6 + ((66 \times 66 - 6 - 6)/6) \\
&:= 777 + (((7 - 77)/7) - 7) \\
&:= 8 \times (88 + 8) - 8 \\
&:= 9 + (((99 + 99)/9) + 9 \times 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 761 &:= 1 + (1 + (11 \times ((1 + 1 + 1) \times (1 + (11 + 11)))))) \\
&:= 2 + ((2/2 + 2) \times ((22^2 + 22)/2)) \\
&:= 33 + (3^{3+3} - 3/3) \\
&:= ((4 - 4/4) \times (4^4 - 4/4)) - 4 \\
&:= 5 \times 5 + ((555 + 5^5)/5) \\
&:= 6 \times 6 + ((66 \times 66 - 6)/6) \\
&:= 777 - (((7 + 7)/7 + 7) + 7) \\
&:= 8/8 + (8 \times (88 + 8) - 8) \\
&:= ((99/9) \times (9 \times 9 - (99/9))) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 762 &:= (1 + 1 + 1) \times (1 + (11 \times (1 + (11 + 11)))) \\
&:= (2/2 + 2) \times (2^{2 \times (2+2)} - 2) \\
&:= 33 + 3^{3+3} \\
&:= (4 - 4/4) \times (4^4 - (4 + 4)/4) \\
&:= 5 \times 5 + (((555 + 5^5) + 5)/5) \\
&:= 6 + (6 \times ((66 - 6) + 66)) \\
&:= 777 - (7/7 + 7 + 7) \\
&:= (8 + 8)/8 + (8 \times (88 + 8) - 8) \\
&:= 9 \times 9 \times 9 + (99/((9 + 9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 763 &:= (111 - 1 - 1) \times (1 + ((1 + 1) \times (1 + 1 + 1))) \\
&:= 2/2 + ((2/2 + 2) \times (2^{2 \times (2+2)} - 2)) \\
&:= 3/3 + (3^{3+3} + 33) \\
&:= 4 \times 4^4 - ((4/4 + 4^4) + 4) \\
&:= 555 + ((5^5 - 5)/5 + 5 + 5) \\
&:= 6 \times 6 + ((66 \times 66 + 6)/6) \\
&:= 777 - (7 + 7) \\
&:= 88/8 + (8 \times (88 + 8) - (8 + 8)) \\
&:= (9 - ((9 + 9)/9)) \times (9/9 + 99 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 764 &:= 1 + ((111 - 1 - 1) \times (1 + ((1 + 1) \times (1 + 1 + 1)))) \\
&:= 2 \times ((2^{2+2} \times (22 + 2)) - 2) \\
&:= 3 + ((3^{3+3} - 3/3) + 33) \\
&:= 4 \times 4^4 - (4^4 + 4) \\
&:= 5 \times (5 \times 5 + 5) + ((5^5 - 55)/5) \\
&:= 6 \times 6 + (((6 \times 6/(6 + 6))^6) - 6/6) \\
&:= 7/7 + (777 - (7 + 7)) \\
&:= 8 \times (88 + 8) - (8/((8 + 8)/8)) \\
&:= 9 + (((9 \times 9 \times 9 - 9/9) + 9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 765 &:= (1 + 1 + 1) \times (111 + ((1 + 11)^{1+1})) \\
&:= (2/2 + 2) \times (2^{2 \times (2+2)} - 2/2) \\
&:= 3 + (3^{3+3} + 33) \\
&:= (4 - 4/4) \times (4^4 - 4/4) \\
&:= 5 + ((5 \times 5 \times (5 \times 5 + 5) + 5) + 5) \\
&:= 6 \times 6 + ((6 \times 6/(6 + 6))^6) \\
&:= 777 - (77 + 7)/7 \\
&:= 8 + (8 \times (88 + 8) - (88/8)) \\
&:= 9 + (((9 \times 9 \times 9 + 9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 766 &:= (111 \times (1 + ((1+1) \times (1+1+1)))) - 11 \\
&:= (2 \times (2^{2+2} \times (22+2))) - 2 \\
&:= 3 + ((3^{3+3} + 3/3) + 33) \\
&:= 4 \times 4^4 - ((4+4)/4 + 4^4) \\
&:= 5 + (((555+5^5)/5) + 5 \times 5) \\
&:= 6 \times 6 + (((6 \times 6)/(6+6))^6) + 6/6 \\
&:= 777 - 77/7 \\
&:= 8 \times (88+8) - (8+8)/8 \\
&:= 9 + (((9 \times 9 \times 9 + 9/9) + 9) + 9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 767 &:= (1+1+1) \times (1+1)^{(1+1)^{1+1+1}} - 1 \\
&:= (2 \times 2 \times 222) - (22/2)^2 \\
&:= 3^3 + (3^{3+3} + 33/3) \\
&:= 4 \times 4^4 - (4/4 + 4^4) \\
&:= 5 + (((555+5^5) + 5)/5) + 5 \times 5 \\
&:= ((6+6) \times ((6+6)/6)^6) - 6/6 \\
&:= 777 + (7 - 77)/7 \\
&:= 8 \times (88+8) - 8/8 \\
&:= 9 + (((9 \times 9 \times 9 + (99/9)) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 768 &:= (1+1+1) \times (1+1)^{(1+1)^{1+1+1}} \\
&:= 2 \times (2^{2+2} \times (22+2)) \\
&:= 3 + ((3^{3+3} + 33) + 3) \\
&:= 4 \times (4 \times (44+4)) \\
&:= (5 \times 5 - 5/5) \times ((5+5)/5)^5 \\
&:= (6+6) \times ((6+6)/6)^6 \\
&:= (7 - 7/7) \times ((7+7)/7)^7 \\
&:= 8 \times (88+8) \\
&:= 9 + (9 \times (9 \times 9 - 9) + 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 769 &:= 1 + (1+1+1) \times (1+1)^{(1+1)^{1+1+1}} \\
&:= 2/2 + (2 \times (2^{2+2} \times (22+2))) \\
&:= 3 + (((3^{3+3} + 3/3) + 33) + 3) \\
&:= 4/4 + (4 \times (4 \times (44+4))) \\
&:= (5 \times (5 - 55)) + ((5 - 5/5)^5 - 5) \\
&:= 6/6 + ((6+6) \times ((6+6)/6)^6) \\
&:= 777 - (7/7 + 7) \\
&:= 8/8 + 8 \times (88+8) \\
&:= 9 \times 9 \times 9 + ((9 \times 9 \times 9 - 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 770 &:= 11 \times ((11 - 1 - 1)^{1+1} - 11) \\
&:= 2 + (2 \times (2^{2+2} \times (22+2))) \\
&:= 3 + ((3^{3+3} + 33/3) + 3^3) \\
&:= (4+4)/4 + (4 \times (4 \times (44+4))) \\
&:= 55 \times ((5 - 5/5) + 5) \\
&:= (6/6 + 6) \times ((666 - 6)/6) \\
&:= 777 - 7 \\
&:= (8+8)/8 + 8 \times (88+8) \\
&:= 99/9 \times (9 \times 9 - 99/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 771 &:= 1 + (11 \times ((11 - 1 - 1)^{1+1} - 11)) \\
&:= 22^2 + (((22+2)^2) - 2)/2 \\
&:= 3 \times 3 + (3^{3+3} + 33) \\
&:= (4 - 4/4) \times (4/4 + 4^4) \\
&:= 5/5 + (55 \times ((5 - 5/5) + 5)) \\
&:= 6 + (((6 \times 6)/(6+6))^6) + 6 \times 6 \\
&:= 7/7 + (777 - 7) \\
&:= 88/8 + (8 \times (88+8) - 8) \\
&:= 9 \times 99 - (999/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 772 &:= 1 + (1 + (11 \times ((11 - 1 - 1)^{1+1} - 11))) \\
&:= 2 \times ((2^{2+2} \times (22+2)) + 2) \\
&:= 3 \times 3 + ((3^{3+3} + 3/3) + 33) \\
&:= 4 + (4 \times (4 \times (44+4))) \\
&:= (((5+5)/5 + 5) \times 555/5) - 5 \\
&:= 666 + ((666+6)/6 - 6) \\
&:= ((7+7)/7) + (777 - 7) \\
&:= 8 \times (88+8) + (8/((8+8)/8)) \\
&:= 9 \times 99 + (((9 - 999)/9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 773 &:= ((1 + ((1+1+1)^{1+1+1}))^{1+1}) - 11 \\
&:= (2 \times 22) + ((2/2 + 2)^{2+2+2}) \\
&:= 33 + (3^{3+3} + 33/3) \\
&:= 4 + ((4 \times (4 \times (44+4))) + 4/4) \\
&:= 5 + ((5 \times 5 - 5/5) \times ((5+5)/5)^5) \\
&:= 6 + (((6+6) \times ((6+6)/6)^6) - 6/6) \\
&:= 7 + (777 - (77/7)) \\
&:= 8 + ((8 \times (88+8) - (88/8)) + 8) \\
&:= 99 + (((9+9)/9)^9) + 9 \times (9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 774 &:= 1 + (((1 + ((1+1+1)^{1+1+1}))^{1+1}) - 11) \\
&:= (2/2 + 2) \times (2^{2 \times (2+2)} + 2) \\
&:= 3 + ((3^{3+3} + 33) + 3 \times 3) \\
&:= (4 - 4/4) \times ((4+4)/4 + 4^4) \\
&:= (5 \times (5 - 55)) + (5 - 5/5)^5 \\
&:= 6 + ((6+6) \times ((6+6)/6)^6) \\
&:= 777 - (7 + 7 + 7)/7 \\
&:= 8 + (8 \times (88+8) - ((8+8)/8)) \\
&:= 9 \times 99 - (99 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 775 &:= 1111 - ((1+1+1) \times (1+111)) \\
&:= 2 + (((2^{2+2} + 2/2)^2) + 22^2) \\
&:= 3333/3 - (333 + 3) \\
&:= 4 + ((4 - 4/4) \times (4/4 + 4^4)) \\
&:= 5 \times (5 \times (5 \times 5 + 5) + 5) \\
&:= 66 \times (6+6) - ((66/6) + 6) \\
&:= 777 - (7 + 7)/7 \\
&:= 8 + (8 \times (88+8) - 8/8) \\
&:= ((9 - 9/9) \times (99 - 9/9)) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 776 &:= (111 \times (1 + ((1+1) \times (1+1+1)))) - 1 \\
&:= 2 \times (2 \times (((2^{2+2} - 2)^2) - 2)) \\
&:= 3 + ((3^{3+3} + 33/3) + 33) \\
&:= 4 + ((4 \times (4 \times (44+4))) + 4) \\
&:= 5/5 + (5 \times (5 \times (5 \times 5 + 5) + 5)) \\
&:= 666 + (666 - 6)/6 \\
&:= 777 - 7/7 \\
&:= 8 + 8 \times (88+8) \\
&:= (9 - 9/9) \times (99 - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 777 &:= 111 \times (1 + ((1+1) \times (1+1+1))) \\
&:= 222/2 \times ((2/2 + 2 + 2) + 2) \\
&:= (3^3 \times (3^3 + 3)) - 33 \\
&:= (4 - 4/4) \times ((4^4 - 4/4) + 4) \\
&:= ((5+5)/5 + 5) \times 555/5 \\
&:= 666 + 666/6 \\
&:= 777 \\
&:= 8 + (8 \times (88+8) + 8/8) \\
&:= (9 - ((9+9)/9)) \times 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 778 &:= 1 + (111 \times (1 + ((1+1) \times (1+1+1)))) \\
&:= (2 \times (22 - 2)^2) - 22 \\
&:= 3333/3 - 333 \\
&:= 4 + ((4 - 4/4) \times ((4+4)/4 + 4^4)) \\
&:= ((5^5 - 5)/(5 - 5/5)) - (5 + 5)/5 \\
&:= 666 + (666 + 6)/6 \\
&:= 7/7 + 777 \\
&:= 8 + (8 \times (88+8) + ((8+8)/8)) \\
&:= 9 \times 9 \times 9 + ((9 \times 99 - 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 779 &:= 1 + (1 + (111 \times (1 + ((1+1) \times (1+1+1)))))) \\
&:= 2/2 + ((2 \times (22 - 2)^2) - 22) \\
&:= (33 \times 3^3) - ((333 + 3)/3) \\
&:= 44/4 + (4 \times (4 \times (44+4))) \\
&:= ((5^5 - 5)/(5 - 5/5)) - 5/5 \\
&:= 66 \times (6+6) - (6/6 + 6 + 6) \\
&:= ((7+7)/7) + 777 \\
&:= 88/8 + 8 \times (88+8) \\
&:= 9 \times 99 - ((999 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 780 &:= (11 - 1) \times (111 - (11 \times (1+1+1))) \\
&:= 2 + ((2 \times (22 - 2)^2) - 22) \\
&:= (3^3 + 3) \times (3^3 - 3/3) \\
&:= (4 - 4/4) \times (4^4 + 4) \\
&:= (5^5 - 5)/(5 - 5/5) \\
&:= (6+6) \times (66 - 6/6) \\
&:= 777 + (7 + 7 + 7)/7 \\
&:= ((88+8)/8) + 8 \times (88+8) \\
&:= 9 \times 99 - 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 781 &:= 11 \times (((1+11)^{1+1})/(1+1)) - 1 \\
&:= (22+2+2+2)^2 - 2/2 - 2 \\
&:= 33/3 \times (((3+3)^3 - 3)/3) \\
&:= 4/4 + ((4-4/4) \times (4^4 + 4)) \\
&:= (5^5 - 5/5)/(5 - 5/5) \\
&:= 66 \times (6+6) - 66/6 \\
&:= 77/7 + (777 - 7) \\
&:= 88 + (8 \times 88 - (88/8)) \\
&:= 9 \times 99 + ((9 - 999)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 782 &:= 1 + (11 \times (((1+11)^{1+1})/(1+1)) - 1) \\
&:= (22+2+2+2)^2 - 2 \\
&:= 3^3 + ((3^3+3 - 3/3) + 3^3) \\
&:= (4+4)/4 + ((4-4/4) \times (4^4 + 4)) \\
&:= 5 + (((5+5)/5 + 5) \times 555/5) \\
&:= ((6-66)/6) + 66 \times (6+6) \\
&:= 7 + (777 - ((7+7)/7)) \\
&:= 8 + ((8 \times (88+8) - ((8+8)/8)) + 8) \\
&:= 9 \times 99 - (9/9 + 99 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 783 &:= ((1 + ((1+1+1)^{1+1+1}))^{1+1}) - 1 \\
&:= (22+2+2+2)^2 - 2/2 \\
&:= 3 \times (3 \times (3 \times 3^3 + 3 + 3)) \\
&:= (4-4/4) \times ((4/4 + 4^4) + 4) \\
&:= (((5+5)/5 + 5^5) + 5)/(5 - 5/5) \\
&:= 6 + (666/6 + 666) \\
&:= 7 + (777 - 7/7) \\
&:= (8/8 + 8) \times (88 - 8/8) \\
&:= 9 \times 99 - (99 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 784 &:= (1 + ((1+1+1)^{1+1+1}))^{1+1} \\
&:= (22+2+2+2)^2 \\
&:= (3^3 + 3/3)^{3-3/3} \\
&:= 4 \times ((4 \times (44+4)) + 4) \\
&:= (55/5 + 5^5)/(5 - 5/5) \\
&:= (6/6 + 6) \times (666 + 6)/6 \\
&:= 7 + 777 \\
&:= 8 + (8 \times (88+8) + 8) \\
&:= (9 - 9/9) \times (99 - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 785 &:= 1 + ((1 + ((1+1+1)^{1+1+1}))^{1+1}) \\
&:= 2/2 + ((22+2+2+2)^2) \\
&:= 3/3 + ((3^3 + 3/3)^{3-3/3}) \\
&:= 4/4 + (4 \times ((4 \times (44+4)) + 4)) \\
&:= 5 + ((5^5 - 5)/(5 - 5/5)) \\
&:= 66 \times (6+6) - 6/6 - 6 \\
&:= 7 + (777 + 7/7) \\
&:= 8 + ((8 \times (88+8) + 8/8) + 8) \\
&:= 9 + ((9 - 9/9) \times (99 - ((9+9)/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 786 &:= 1 + (1 + ((1 + ((1+1+1)^{1+1+1}))^{1+1})) \\
&:= 2 + ((22+2+2+2)^2) \\
&:= (33 \times (3^3 - 3)) - (3+3) \\
&:= (4+4)/4 + (4 \times ((4 \times (44+4)) + 4)) \\
&:= 5 + ((5^5 - 5/5)/(5 - 5/5)) \\
&:= 66 \times (6+6) - 6 \\
&:= 7 + (((7+7)/7) + 777) \\
&:= 8 + ((8 \times (88+8) + ((8+8)/8)) + 8) \\
&:= 9 + ((9 - ((9+9)/9)) \times 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 787 &:= 111 + (((1+1) \times (1 + (1+11)))^{1+1}) \\
&:= 2 + (((22+2+2+2)^2) + 2/2) \\
&:= 3 + ((3^3 + 3/3)^{3-3/3}) \\
&:= 4 + ((4-4/4) \times ((4/4 + 4^4) + 4)) \\
&:= 5 + (((5+5)/5 + 5) \times 555/5) + 5 \\
&:= 6/6 + (66 \times (6+6) - 6) \\
&:= 777 + (77 - 7)/7 \\
&:= 8 + (8 \times (88+8) + (88/8)) \\
&:= 9999/9 - (9+9) \times (9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 788 &:= 11 + (111 \times (1 + ((1+1) \times (1+1+1)))) \\
&:= 2 + (((22+2+2+2)^2) + 2) \\
&:= (33 \times (3^3 - 3)) - (3/3 + 3) \\
&:= 4 + (4 \times ((4 \times (44+4)) + 4)) \\
&:= 5 + (((5+5)/5 + 5^5) + 5)/(5 - 5/5) \\
&:= (6+6)/6 + (66 \times (6+6) - 6) \\
&:= 77/7 + 777 \\
&:= 8 + (((88+8)/8) + 8 \times (88+8)) \\
&:= 9 + (9 \times 99 - ((999+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 789 &:= (1+1+1) \times (((1+1) \times (11 \times (1+11)))) - 1 \\
&:= (2 \times (22-2)^2) - 22/2 \\
&:= (33 \times (3^3 - 3)) - 3 \\
&:= 4 + ((4 \times ((4 \times (44+4)) + 4)) + 4/4) \\
&:= 5 + ((55/5 + 5^5)/(5 - 5/5)) \\
&:= 66 + (((6 \times 6)/(6+6))^6) - 6 \\
&:= 777 + (77 + 7)/7 \\
&:= 888 - (88/8 + 88) \\
&:= 9 + (9 \times 99 - 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 790 &:= (1+1) \times ((11 \times ((1+1+1) \times (1+11)))) - 1 \\
&:= (22 \times (2+2+2)^2) - 2 \\
&:= 3/3 + ((33 \times (3^3 - 3)) - 3) \\
&:= 4 + ((4 \times ((4 \times (44+4)) + 4)) + (4+4)/4) \\
&:= 5 + (((5^5 - 5)/(5 - 5/5)) + 5) \\
&:= 66 \times (6+6) - (6+6)/6 \\
&:= 7 + ((777 - 7/7) + 7) \\
&:= 88 + (8 \times 88 - ((8+8)/8)) \\
&:= 9 \times 99 - ((9+9)/9 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 791 &:= (11 \times (((1+11)^{1+1})/(1+1))) - 1 \\
&:= (22 \times (2+2+2)^2) - 2/2 \\
&:= (33 \times (3^3 - 3)) - 3/3 \\
&:= 44/4 + ((4-4/4) \times (4^4 + 4)) \\
&:= 55 + ((555 + 5^5)/5) \\
&:= 66 \times (6+6) - 6/6 \\
&:= 7 + (777 + 7) \\
&:= 88 + (8 \times 88 - 8/8) \\
&:= 9 \times 99 - (9/9 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 792 &:= 11 \times (((1+11)^{1+1})/(1+1)) \\
&:= 22 \times (2+2+2)^2 \\
&:= 33 \times (3^3 - 3) \\
&:= 44 \times ((4+4)/4 + 4 \times 4) \\
&:= 55 + (((555 + 5^5) + 5)/5) \\
&:= 66 \times (6+6) \\
&:= 7 + ((777 + 7/7) + 7) \\
&:= 88 + 8 \times 88 \\
&:= 99 \times (9 - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 793 &:= 1 + (11 \times (((1+11)^{1+1})/(1+1))) \\
&:= 2/2 + (22 \times (2+2+2)^2) \\
&:= 3/3 + (33 \times (3^3 - 3)) \\
&:= 4/4 + (44 \times ((4+4)/4 + 4 \times 4)) \\
&:= 555 + (((5 - (5+5)/5)^5) - 5) \\
&:= 6/6 + 66 \times (6+6) \\
&:= 7 + (((7+7)/7) + 777) + 7 \\
&:= 8/8 + (8 \times 88 + 88) \\
&:= 9/9 + (99 \times (9 - 9/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 794 &:= 1 + (1 + (11 \times (((1+11)^{1+1})/(1+1)))) \\
&:= 2 + (22 \times (2+2+2)^2) \\
&:= 3 + ((33 \times (3^3 - 3)) - 3/3) \\
&:= 444 + (((4+4) \times 44) - (4+4)/4) \\
&:= (5 \times (5 \times ((5+5)/5)^5)) - (5/5 + 5) \\
&:= (6+6)/6 + 66 \times (6+6) \\
&:= 7 + (((77 - 7)/7) + 777) \\
&:= 88 + ((8+8)/8 + 8 \times 88) \\
&:= (9+9)/9 + (99 \times (9 - 9/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 795 &:= 11 + ((1 + ((1+1+1)^{1+1+1}))^{1+1}) \\
&:= (2 \times ((22-2)^2) - 2)/2 \\
&:= 3 + (33 \times (3^3 - 3)) \\
&:= 444 + (((4+4) \times 44) - 4/4) \\
&:= (55 + 5^5)/(5 - 5/5) \\
&:= 66 + ((6 \times 6)/(6+6))^6 \\
&:= 7 + (77/7 + 777) \\
&:= 8 + ((8 \times (88+8) + (88/8)) + 8) \\
&:= 9 \times 99 + (((9+9+9)/9) - 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 796 &:= (1+1) \times (((1+1) \times (11-1))^{1+1}) - (1+1) \\
&:= 2 \times ((22-2)^2 - 2) \\
&:= 3 + ((33 \times (3^3 - 3)) + 3/3) \\
&:= 444 + ((4+4) \times 44) \\
&:= 5 + (((555+5^5)/5) + 55) \\
&:= 6 + (66 \times (6+6) - ((6+6)/6)) \\
&:= 7 + ((77+7)/7 + 777) \\
&:= 88 + ((8/((8+8)/8)) + 8 \times 88) \\
&:= 9 + (9999/9 - (9+9) \times (9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 797 &:= ((11 \times (1 + ((1+11)^{1+1}))) - 1)/(1+1) \\
&:= 2/2 + (2 \times ((22-2)^2 - 2)) \\
&:= 3 + (((33 \times (3^3 - 3)) - 3/3) + 3) \\
&:= (4 \times 44) + ((4/4 + 4)^4 - 4) \\
&:= 5 + (((555+5^5) + 5)/5) + 55 \\
&:= 6 + (66 \times (6+6) - 6/6) \\
&:= 7 + (((777-7/7) + 7) + 7) \\
&:= 8 + (888 - (88/8 + 88)) \\
&:= 9 \times (9 \times 9 + 9) - ((99+9+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 798 &:= (1+1) \times (((1+1) \times (11-1))^{1+1}) - 1 \\
&:= (2 \times (22-2)^2) - 2 \\
&:= 3 + ((33 \times (3^3 - 3)) + 3) \\
&:= (4 - 4/4) \times ((44-4)/4 + 4^4) \\
&:= 555 + ((5 - (5+5)/5)^5) \\
&:= 6 + 66 \times (6+6) \\
&:= 7 + (777 + 7 + 7) \\
&:= 888 - ((8+8)/8 + 88) \\
&:= 9 \times (9 \times 9 + 9) - (99+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 799 &:= ((1+1) \times (((1+1) \times (11-1))^{1+1})) - 1 \\
&:= (2 \times (22-2)^2) - 2/2 \\
&:= (3^3 \times (3^3 + 3)) - 33/3 \\
&:= ((4 \times 4 + 4) \times (44-4)) - 4/4 \\
&:= (5 \times (5 \times ((5+5)/5)^5)) - 5/5 \\
&:= 6 + (66 \times (6+6) + 6/6) \\
&:= 7 + (((777+7/7) + 7) + 7) \\
&:= 888 - (8/8 + 88) \\
&:= 9 \times (9 \times 9 + 9) - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 800 &:= (1+1) \times (((1+1) \times (11-1))^{1+1}) \\
&:= 2 \times (22-2)^2 \\
&:= 3^{3+3} + (((3+3)^3 - 3)/3) \\
&:= (4 \times 4 + 4) \times (44-4) \\
&:= 5 \times (5 \times ((5+5)/5)^5) \\
&:= 6 + (66 \times (6+6) + ((6+6)/6)) \\
&:= 7 + (((((7+7)/7) + 777) + 7) + 7) \\
&:= 888 - 88 \\
&:= (9 - 9/9) \times (9/9 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 801 &:= 1 + ((1+1) \times (((1+1) \times (11-1))^{1+1})) \\
&:= 2/2 + (2 \times (22-2)^2) \\
&:= 3 \times ((3 \times (3 \times (3^3 + 3))) - 3) \\
&:= (4 \times 44) + (4/4 + 4)^4 \\
&:= 5/5 + (5 \times (5 \times ((5+5)/5)^5)) \\
&:= 6 + (((6 \times 6/(6+6))^6) + 66) \\
&:= 7 + (((77-7)/7) + 777) + 7) \\
&:= 8/8 + (888 - 88) \\
&:= 9 \times (9 \times 9 + 9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 802 &:= (1+1) \times (1 + (((1+1) \times (11-1))^{1+1})) \\
&:= 2 + (2 \times (22-2)^2) \\
&:= 3^{3+3} + (((3+3)^3 + 3)/3) \\
&:= 4/4 + ((4/4 + 4)^4 + (4 \times 44)) \\
&:= (5+5)/5 + (5 \times (5 \times ((5+5)/5)^5)) \\
&:= 66 \times (6+6) + (66-6)/6 \\
&:= 7 + ((77/7 + 777) + 7) \\
&:= 888 + (((8+8)/8) - 88) \\
&:= 9/9 + (9 \times (9 \times 9 + 9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 803 &:= 11 \times (1 + (((1+11)^{1+1})/(1+1))) \\
&:= 2 + ((2 \times (22-2)^2) + 2/2) \\
&:= 33/3 + (33 \times (3^3 - 3)) \\
&:= 4 + (((4 \times 4 + 4) \times (44-4)) - 4/4) \\
&:= 5 + (((5 - (5+5)/5)^5) + 555) \\
&:= 66/6 + 66 \times (6+6) \\
&:= 7 + (((77+7)/7 + 777) + 7) \\
&:= 88 + (88/8 + 8 \times 88) \\
&:= (9+9)/9 + (9 \times (9 \times 9 + 9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 804 &:= 1 + (11 \times (1 + (((1+11)^{1+1})/(1+1)))) \\
&:= 2 \times ((22-2)^2 + 2) \\
&:= (3^3 \times (3^3 + 3)) - (3+3) \\
&:= 4 + ((4 \times 4 + 4) \times (44-4)) \\
&:= 5 + ((5 \times (5 \times ((5+5)/5)^5)) - 5/5) \\
&:= 6 + (66 \times (6+6) + 6) \\
&:= 7 + (((777-7/7) + 7) + 7) + 7) \\
&:= 88 + (((88+8)/8) + 8 \times 88) \\
&:= 9 \times 99 + (((99+9)/9) - 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 805 &:= ((1+1)^{11}) - (11 \times (1 + (1+111))) \\
&:= 2/2 + (2 \times ((22-2)^2 + 2)) \\
&:= 3 + (((3+3)^3 + 3)/3) + 3^{3+3} \\
&:= 4 + ((4/4 + 4)^4 + (4 \times 44)) \\
&:= 5 + (5 \times (5 \times ((5+5)/5)^5)) \\
&:= 6 + ((66 \times (6+6) + 6/6) + 6) \\
&:= 7 + (777 + 7 + 7 + 7) \\
&:= 8 \times 88 + (8888/88) \\
&:= 9 \times (9 \times 9 + 9) + ((9-99)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 806 &:= 1 + (((1+1)^{11}) - (11 \times (1 + (1+111)))) \\
&:= 2 + (2 \times ((22-2)^2 + 2)) \\
&:= (3^3 \times (3^3 + 3)) - (3/3 + 3) \\
&:= ((44-4)/4 \times (4-4/4)^4) - 4 \\
&:= 5 + ((5 \times (5 \times ((5+5)/5)^5)) + 5/5) \\
&:= 6 + ((66 \times (6+6) + ((6+6)/6)) + 6) \\
&:= 7 + (((777+7/7) + 7) + 7) + 7) \\
&:= 8 + (888 - ((8+8)/8 + 88)) \\
&:= 9 \times (9 \times 9 + 9) + ((9-9 \times 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 807 &:= (1 + ((1+1) \times (11 \times (111-1))))/(1+1+1) \\
&:= 2 + ((2 \times ((22-2)^2 + 2)) + 2/2) \\
&:= (3^3 \times (3^3 + 3)) - 3 \\
&:= 4 + (((4 \times 4 + 4) \times (44-4)) - 4/4 + 4) \\
&:= 5 + ((5 \times (5 \times ((5+5)/5)^5)) + ((5+5)/5)) \\
&:= 6 + (((6 \times 6/(6+6))^6) + 66) + 6) \\
&:= (7 \times 7 \times (7+7)) + (((7+7)/7)^7 - 7) \\
&:= 8 + (888 - (8/8 + 88)) \\
&:= 9 \times (9 \times 9 + 9) - (9+9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 808 &:= (1+1)^{1+1+1} \times (1 + (11-1)^{1+1}) \\
&:= 2 \times (((22-2)^2 + 2) + 2) \\
&:= 3/3 + ((3^3 \times (3^3 + 3)) - 3) \\
&:= 4 + (((4 \times 4 + 4) \times (44-4)) + 4) \\
&:= 5 + (((5 - (5+5)/5)^5) + 555) + 5) \\
&:= 6 + (66 \times (6+6) + ((66-6)/6)) \\
&:= 7 \times 7 + (777 - (77/7 + 7)) \\
&:= 8 + (888 - 88) \\
&:= 9 \times (9 \times 9 + 9) - (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 809 &:= ((11-1) \times (11-1-1)^{1+1}) - 1 \\
&:= 2/2 + (2 \times (((22-2)^2 + 2) + 2)) \\
&:= (3^3 \times (3^3 + 3)) - 3/3 \\
&:= 4 + (((4/4 + 4)^4 + (4 \times 44)) + 4) \\
&:= (55 \times (5+5+5)) - (55/5 + 5) \\
&:= 6 + (66 \times (6+6) + (66/6)) \\
&:= 7 + (((77/7 + 777) + 7) + 7) \\
&:= 8 + ((888 - 88) + 8/8) \\
&:= 9 \times (9 \times 9 + 9) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 810 &:= (11-1) \times (11-1-1)^{1+1} \\
&:= 2 + (2 \times (((22-2)^2 + 2) + 2)) \\
&:= 3^3 \times (3^3 + 3) \\
&:= (44-4)/4 \times (4-4/4)^4 \\
&:= (5+5+5) \times (55-5/5) \\
&:= 6 + ((66 \times (6+6) + 6) + 6) \\
&:= (7-7/7) \times (((7+7)/7)^7 + 7) \\
&:= (8/8+8) \times ((8+8)/8 + 88) \\
&:= 9 \times (9 \times 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 811 &:= 1 + (11 - 1) \times (11 - 1 - 1)^{1+1} \\
&:= 22/2 + (2 \times (22 - 2)^2) \\
&:= 3/3 + (3^3 \times (3^3 + 3)) \\
&:= 44 + (4 \times 4^4 - (4/4 + 4^4)) \\
&:= 5/5 + ((5 + 5 + 5) \times (55 - 5/5)) \\
&:= 6 + (((66 \times (6 + 6) + 6/6) + 6) + 6) \\
&:= 77 + ((7 \times (7 \times (7 + 7) + 7)) - 7/7) \\
&:= 888 + (88/8 - 88) \\
&:= 9/9 + 9 \times (9 \times 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 812 &:= 1 + 1 + (11 - 1) \times (11 - 1 - 1)^{1+1} \\
&:= 2 \times (((22 - 2)^2 + 2) + 2) \\
&:= 3 + ((3^3 \times (3^3 + 3)) - 3/3) \\
&:= 44 + (4 \times (4 \times (44 + 4))) \\
&:= ((5 + 5)/5 + 5) \times (555/5 + 5) \\
&:= (6/6 + 6) \times (((666 - 6)/6) + 6) \\
&:= 77 + (7 \times (7 \times (7 + 7) + 7)) \\
&:= 888 + ((88 + 8)/8 - 88) \\
&:= (9 + 9)/9 + 9 \times (9 \times 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 813 &:= ((1 + 1) \times (11 \times (111/(1 + 1 + 1)))) - 1 \\
&:= 2 + ((2 \times (22 - 2)^2) + 22/2) \\
&:= 3 + (3^3 \times (3^3 + 3)) \\
&:= 44 + ((4 \times (4 \times (44 + 4))) + 4/4) \\
&:= (55 \times (5 + 5 + 5)) - (55 + 5)/5 \\
&:= 6 \times 6 + (666/6 + 666) \\
&:= 7/7 + ((777 - (7 + 7)) + 7 \times 7) \\
&:= 888 - (88/8 + 8 \times 8) \\
&:= 9 \times (9 \times 9 + 9) + ((9 + 9 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 814 &:= (1 + 1) \times (11 \times (111/(1 + 1 + 1))) \\
&:= 22 + (22 \times (2 + 2 + 2)^2) \\
&:= 3 + ((3^3 \times (3^3 + 3)) + 3/3) \\
&:= 4 + ((44 - 4)/4 \times (4 - 4/4)^4) \\
&:= (55 \times (5 + 5 + 5)) - 55/5 \\
&:= (66/6) \times (((6 + 6)/6) + 66) + 6) \\
&:= (7 \times 7 \times (7 + 7)) + ((7 + 7)/7)^7 \\
&:= 8 \times 88 + ((888 - 8)/8) \\
&:= 99/9 \times (((9 + 9)/9) - 9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 815 &:= 1 + ((1 + 1) \times (11 \times (111/(1 + 1 + 1)))) \\
&:= 22/2 + (2 \times ((22 - 2)^2 + 2)) \\
&:= 3 + (((3^3 \times (3^3 + 3)) - 3/3) + 3) \\
&:= 4 \times 4 \times 44 + 444/4 \\
&:= (55 \times (5 + 5 + 5)) - 5 - 5 \\
&:= 6 + ((66 \times (6 + 6) + (66/6)) + 6) \\
&:= 7 \times 7 + (777 - (77/7)) \\
&:= 8 \times 88 + 888/8 \\
&:= 9 \times (9 \times 9 + 9) + ((9 \times 9 + 9)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 816 &:= ((1 + 1)^{11}) - (11 \times (1 + 111)) \\
&:= 2 \times ((22 - 2)^2 + 2 \times (2 + 2)) \\
&:= 3 + ((3^3 \times (3^3 + 3)) + 3) \\
&:= 4 \times (4 \times (44 - 4) + 44) \\
&:= 5/5 + ((55 \times (5 + 5 + 5)) - (5 + 5)) \\
&:= (6 + 6) \times (((6 + 6)/6) + 66) \\
&:= 7 \times 7 + (((7 - 77)/7) + 777) \\
&:= 888 - (8 \times 8 + 8) \\
&:= (9 - 9/9) \times (999/9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 817 &:= 1 + (((1 + 1)^{11}) - (11 \times (1 + 111))) \\
&:= ((22 + 2)^2) + (22^2 - 2)/2 \\
&:= 3 + (((3^3 \times (3^3 + 3)) + 3/3) + 3) \\
&:= (4 \times (44 + 4)) + (4/4 + 4)^4 \\
&:= 5 + (((5 + 5)/5 + 5) \times (555/5 + 5)) \\
&:= 6 \times 6 + (66 \times (6 + 6) - (66/6)) \\
&:= 7 + ((7 - 7/7) \times (((7 + 7)/7)^7 + 7)) \\
&:= 8/8 + (888 - (8 \times 8 + 8)) \\
&:= 9 + (9 \times (9 \times 9 + 9) - ((9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 818 &:= 1 + (1 + (((1 + 1)^{11}) - (11 \times (1 + 111)))) \\
&:= 22 + (2 \times ((22 - 2)^2 - 2)) \\
&:= 3^3 + ((33 \times (3^3 - 3)) - 3/3) \\
&:= 4 + (((44 - 4)/4 \times (4 - 4/4)^4) + 4) \\
&:= (55 \times (5 + 5 + 5)) - ((5 + 5)/5 + 5) \\
&:= (6 - (((6 + 6)/6)^{6+6}))/((6/6 - 6)) \\
&:= 7 \times 7 + (777 - (7/7 + 7)) \\
&:= 8 + ((8/8 + 8) \times ((8 + 8)/8 + 88)) \\
&:= 9 + (9 \times (9 \times 9 + 9) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 819 &:= 11^{1+1+1} - (1 + 1)^{11-1-1} \\
&:= ((22 + 2)^2) + (22^2 + 2)/2 \\
&:= 3 \times ((3 \times (3 \times (3^3 + 3))) + 3) \\
&:= (((4 + 4)^4) - 4/4)/(4/4 + 4) \\
&:= (55 \times (5 + 5 + 5)) - (5/5 + 5) \\
&:= (6/6 + 6) \times (666/6 + 6) \\
&:= 7 \times 7 + (777 - 7) \\
&:= 8 + ((888 - 88) + (88/8)) \\
&:= 9 + 9 \times (9 \times 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 820 &:= (11 - 1) \times (1 + (11 - 1 - 1)^{1+1}) \\
&:= 22 + ((2 \times (22 - 2)^2) - 2) \\
&:= 3^3 + ((33 \times (3^3 - 3)) + 3/3) \\
&:= (((4 + 4)^4) + 4)/(4/4 + 4) \\
&:= (55 \times (5 + 5 + 5)) - 5 \\
&:= 6 + (((66 + 66)/6) + 66 \times (6 + 6)) \\
&:= 7/7 + (777 - 7 + 7 \times 7) \\
&:= (((88/8 - 8)^8) - 8/8)/8 \\
&:= 9 + (9 \times (9 \times 9 + 9) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 821 &:= 1 + ((11 - 1) \times (1 + (11 - 1 - 1)^{1+1})) \\
&:= 22 + ((2 \times (22 - 2)^2) - 2/2) \\
&:= 33/3 + (3^3 \times (3^3 + 3)) \\
&:= 4 + ((4 \times (44 + 4)) + (4/4 + 4)^4) \\
&:= 5/5 + (((55 \times (5 + 5 + 5)) - 5) \\
&:= 6 \times 6 + (66 \times (6 + 6) - (6/6 + 6)) \\
&:= 7 + ((7 \times 7 \times (7 + 7)) + ((7 + 7)/7)^7) \\
&:= 8 \times (88 + 8 + 8) - 88/8 \\
&:= 99/9 + 9 \times (9 \times 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 822 &:= (1 + 1) \times (11 + (((1 + 1) \times (11 - 1))^{1+1})) \\
&:= 22 + (2 \times (22 - 2)^2) \\
&:= 3 + ((33 \times (3^3 - 3)) + 3^3) \\
&:= (4 + 4)/4 + (((4 + 4)^4) + 4)/(4/4 + 4) \\
&:= (5 + 5)/5 + ((55 \times (5 + 5 + 5)) - 5) \\
&:= 6 \times 6 + (66 \times (6 + 6) - 6) \\
&:= 7 + ((777 - (77/7)) + 7 \times 7) \\
&:= 888 - (((8 + 8)/8) + 8 \times 8) \\
&:= 9 \times (9 \times 9 + 9) + (99 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 823 &:= 1111 - ((1 + 1) \times ((1 + 11)^{1+1})) \\
&:= 22 + ((2 \times (22 - 2)^2) + 2/2) \\
&:= 3 + (((33 \times (3^3 - 3)) + 3^3) + 3/3) \\
&:= 4 + (((4 + 4)^4) - 4/4)/(4/4 + 4) \\
&:= (55 \times (5 + 5 + 5)) - (5 + 5)/5 \\
&:= 6 \times 6 + ((66 \times (6 + 6) - 6) + 6/6) \\
&:= 7 \times 7 + (777 - ((7 + 7 + 7)/7)) \\
&:= 888 - (8/8 + 8 \times 8) \\
&:= 9 \times (9 \times 9 + 9) + ((99 + 9 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 824 &:= 1 + (1111 - ((1 + 1) \times ((1 + 11)^{1+1}))) \\
&:= 2 + ((2 \times (22 - 2)^2) + 22) \\
&:= 3 + ((3^3 \times (3^3 + 3)) + 33/3) \\
&:= 4 + (((4 + 4)^4) + 4)/(4/4 + 4) \\
&:= (55 \times (5 + 5 + 5)) - 5/5 \\
&:= 6 + ((6 - (((6 + 6)/6)^{6+6}))/((6/6 - 6)) \\
&:= 7 \times 7 + (777 - ((7 + 7)/7)) \\
&:= 888 - 8 \times 8 \\
&:= (9 - 9/9) \times (((999 + 9)/9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 825 &:= 11 \times (1 + ((1 + 1) \times (111/(1 + 1 + 1)))) \\
&:= ((2 \times 22)^2) - (2222/2) \\
&:= 33 + (33 \times (3^3 - 3)) \\
&:= 44/4 \times ((44 + 4^4)/4) \\
&:= 55 \times (5 + 5 + 5) \\
&:= 6 + ((6/6 + 6) \times (666/6 + 6)) \\
&:= 7 \times 7 + (777 - 7/7) \\
&:= 8/8 + (888 - 8 \times 8) \\
&:= 9 + ((9 - 9/9) \times (999/9 - 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 826 &:= ((1+1)^{11}) - (1+11 \times 111) \\
&:= 22 + (2 \times ((22-2)^2 + 2)) \\
&:= 3/3 + ((33 \times (3^3 - 3)) + 33) \\
&:= ((44 \times ((44+4^4)/4)) + 4)/4 \\
&:= 5/5 + (55 \times (5+5+5)) \\
&:= 6 \times 6 + (66 \times (6+6) - ((6+6)/6)) \\
&:= 7 \times 7 + 777 \\
&:= 888 + (((8+8)/8) - 8 \times 8) \\
&:= 99 + (9 \times 9 \times 9 - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 827 &:= ((1+1)^{11}) - 11 \times 111 \\
&:= 2 + (((2 \times 22)^2) - (2222/2)) \\
&:= 3 \times 33 + (3^{3+3} - 3/3) \\
&:= (4 \times (4 \times (44+4+4))) - (4/4+4) \\
&:= (5+5)/5 + (55 \times (5+5+5)) \\
&:= 6 \times 6 + (66 \times (6+6) - 6/6) \\
&:= 7/7 + (777 + 7 \times 7) \\
&:= 888 + (88/8 - (8 \times 8 + 8)) \\
&:= 99 + (9 \times 9 \times 9 - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 828 &:= 1 + (((1+1)^{11}) - 11 \times 111) \\
&:= (2^{2+2} + 2) \times ((2 \times 22) + 2) \\
&:= 3 \times 33 + 3^{3+3} \\
&:= (4 \times (4 \times (44+4+4))) - 4 \\
&:= 5 + ((55 \times (5+5+5)) - ((5+5)/5)) \\
&:= 6 \times ((66+66) + 6) \\
&:= 7 \times 7 + (((7+7)/7) + 777) \\
&:= 8 + (((88/8-8)^8) - 8/8)/8 \\
&:= 99 + 9 \times 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 829 &:= 1 + (1 + (((1+1)^{11}) - 11 \times 111)) \\
&:= 2/2 + ((2^{2+2} + 2) \times ((2 \times 22) + 2)) \\
&:= 3/3 + (3 \times 33 + 3^{3+3}) \\
&:= 4 + (44/4 \times ((44+4^4)/4)) \\
&:= 5 + ((55 \times (5+5+5)) - 5/5) \\
&:= 6 \times 6 + (66 \times (6+6) + 6/6) \\
&:= (77/7 \times (77-7/7)) - 7 \\
&:= 8 + (8 \times (88+8+8) - 88/8) \\
&:= 9/9 + (9 \times 9 \times 9 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 830 &:= (11-1) \times (1 + (1 + (11-1-1)^{1+1})) \\
&:= 2 + ((2^{2+2} + 2) \times ((2 \times 22) + 2)) \\
&:= 3 + ((3^{3+3} - 3/3) + 3 \times 33) \\
&:= (4 \times (4 \times (44+4+4))) - (4+4)/4 \\
&:= 5 + (55 \times (5+5+5)) \\
&:= 6 \times 6 + (66 \times (6+6) + ((6+6)/6)) \\
&:= 7 \times 7 + (((777-7) + (77/7))) \\
&:= 8 \times (88+8+8) - (8+8)/8 \\
&:= 9 + (9 \times (9 \times 9 + 9) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 831 &:= 1 + ((11-1) \times (1 + (1 + (11-1-1)^{1+1}))) \\
&:= (2/2 + 2) \times (((22+2)^2) - 22)/2 \\
&:= 3 + (3 \times 33 + 3^{3+3}) \\
&:= (4 \times (4 \times (44+4+4))) - 4/4 \\
&:= 5 + ((55 \times (5+5+5)) + 5/5) \\
&:= 6 \times 6 + (((6 \times 6/(6+6))^6) + 66) \\
&:= 7 + ((777 - ((7+7)/7)) + 7 \times 7) \\
&:= 8 \times (88+8+8) - 8/8 \\
&:= 9 \times 9 \times 9 + (999/9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 832 &:= (1 + (1 + 11)) \times ((1+1)^{(1+1) \times (1+1+1)}) \\
&:= 2 \times ((22-2)^2 + 2^{2+2}) \\
&:= (3^3 - 3/3) \times (33 - 3/3) \\
&:= 4 \times (4 \times (44+4+4)) \\
&:= (5 \times 5 + 5/5) \times ((5+5)/5)^5 \\
&:= (6/6 + 6 + 6) \times ((6+6)/6)^6 \\
&:= 7 + ((777 - 7/7) + 7 \times 7) \\
&:= 8 \times (88+8+8) \\
&:= 9 \times 9 \times 9 + (((999+9)/9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 833 &:= 1 + ((1 + (1 + 11)) \times ((1+1)^{(1+1) \times (1+1+1)})) \\
&:= 22 + ((2 \times (22-2)^2) + 22/2) \\
&:= (3333 - 3/3)/(3/3 + 3) \\
&:= 4/4 + (4 \times (4 \times (44+4+4))) \\
&:= 5^5/5 + ((5^5 - 5)/(5+5+5)) \\
&:= 6 + ((66 \times (6+6) - 6/6) + 6 \times 6) \\
&:= 7 + (777 + 7 \times 7) \\
&:= 8/8 + 8 \times (88+8+8) \\
&:= 9 + ((9-9/9) \times (((999+9)/9) - 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 834 &:= (1+1) \times ((11 \times (1 + (111/(1+1+1)))) - 1) \\
&:= (22 \times ((2+2+2)^2 + 2)) - 2 \\
&:= 3 + ((3 \times 33 + 3^{3+3}) + 3) \\
&:= (4+4)/4 + (4 \times (4 \times (44+4+4))) \\
&:= 5 + (((55 \times (5+5+5)) - 5/5) + 5) \\
&:= 6 + (66 \times (6+6) + 6 \times 6) \\
&:= 7 + ((777 + 7 \times 7) + 7/7) \\
&:= (8+8)/8 + 8 \times (88+8+8) \\
&:= (9999+9)/((99+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 835 &:= 1111 - ((1+11) \times (1 + (11+11))) \\
&:= (22 \times ((2+2+2)^2 + 2)) - 2/2 \\
&:= 3 + ((3^3 - 3/3) \times (33 - 3/3)) \\
&:= 4 + ((4 \times (4 \times (44+4+4))) - 4/4) \\
&:= 5 + ((55 \times (5+5+5)) + 5) \\
&:= 6 + ((66 \times (6+6) + 6 \times 6) + 6/6) \\
&:= (77 \times 77 - (77+7))/7 \\
&:= 888 + (88/8 - 8 \times 8) \\
&:= 9 + ((9 \times 9 \times 9 - ((9+9)/9)) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 836 &:= (1+1) \times (11 \times (1 + (111/(1+1+1)))) \\
&:= 22 \times ((2+2+2)^2 + 2) \\
&:= 3^3 + ((3^3 \times (3^3 + 3)) - 3/3) \\
&:= 4 + (4 \times (4 \times (44+4+4))) \\
&:= 55/5 + (55 \times (5+5+5)) \\
&:= (66/6) \times (((6+6)/6)^6 + 6) + 6 \\
&:= 77/7 \times (77 - 7/7) \\
&:= 888 + ((88+8)/8 - 8 \times 8) \\
&:= 9 + ((9 \times 9 \times 9 - 9/9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 837 &:= ((1+1)^{11}) - (1 + (11 \times (111-1))) \\
&:= 2/2 + (22 \times ((2+2+2)^2 + 2)) \\
&:= 3 \times (3 \times ((3 \times (3^3 + 3)) + 3)) \\
&:= 4^4 + ((4/4+4)^4 - 44) \\
&:= 5 + ((5 \times 5 + 5/5) \times ((5+5)/5)^5) \\
&:= (66 \times 66 + 666)/6 \\
&:= 7 \times 7 + (77/7 + 777) \\
&:= 8 + ((8 \times (88+8+8) - 88/8) + 8) \\
&:= 9 + (9 \times 9 \times 9 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 838 &:= ((1+1)^{11}) - (11 \times (111-1)) \\
&:= 2 + (22 \times ((2+2+2)^2 + 2)) \\
&:= 3^3 + ((3^3 \times (3^3 + 3)) + 3/3) \\
&:= (4-44)/4 + 4 \times (4^4 - 44) \\
&:= 5 + (((5^5 - 5)/(5+5+5)) + 5^5/5) \\
&:= 6 + ((6/6 + 6 + 6) \times ((6+6)/6)^6) \\
&:= ((77 \times 77 - (7+7))/7) - 7 \\
&:= 8 + (8 \times (88+8+8) - ((8+8)/8)) \\
&:= 9 + ((9 \times 9 \times 9 + 99) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 839 &:= 1 + (((1+1)^{11}) - (11 \times (111-1))) \\
&:= ((2-22) \times (2 - (2 \times 22))) - 2/2 \\
&:= 3^{3+3} + ((333-3)/3) \\
&:= 4444/4 - (4 \times 4 + 4^4) \\
&:= ((5+5+5) \times (55+5/5)) - 5/5 \\
&:= 6 \times 6 + (66 \times (6+6) + (66/6)) \\
&:= ((77 \times 77 - 7)/7) - 7 \\
&:= 8 + (8 \times (88+8+8) - 8/8) \\
&:= 99 + (9 \times 9 \times 9 + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 840 &:= 111 + (11-1-1)^{1+1+1} \\
&:= (2-22) \times (2 - (2 \times 22)) \\
&:= 3^{3+3} + 333/3 \\
&:= 4 \times (4^4 - 44) - 4 - 4 \\
&:= (5+5+5) \times (55+5/5) \\
&:= (6+6) \times (((6+6)/6)^6 + 6) \\
&:= (77 \times (77/7)) - 7 \\
&:= 8 + 8 \times (88+8+8) \\
&:= 9 \times 9 \times 9 + 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 841 &:= (((11-1) \times (1+1+1)) - 1)^{1+1} \\
&:= (((22+2/2) + 2) + 2)^2 \\
&:= 3^{3+3} + ((333+3)/3) \\
&:= 4 + (((4/4+4)^4 - 44) + 4^4) \\
&:= (5 \times 5 - 5/5 + 5)^{(5+5)/5} \\
&:= (6 \times 6 - (6/6+6))^{(6+6)/6} \\
&:= ((77 \times 77 + 7)/7) - 7 \\
&:= 8 + (8 \times (88+8+8) + 8/8) \\
&:= 9 \times 9 \times 9 + ((999+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 842 &:= 1 + (((11-1) \times (1+1+1)) - 1)^{1+1} \\
&:= 2 + ((2-22) \times (2 - (2 \times 22))) \\
&:= 3 + (((333-3)/3) + 3^{3+3}) \\
&:= 4 \times (4^4 - 44) - ((4+4)/4 + 4) \\
&:= 5 + (((5 \times 5 + 5/5) \times ((5+5)/5)^5) + 5) \\
&:= 6 + ((66/6) \times (((6+6)/6)^6 + 6) + 6) \\
&:= (((77 \times 77 + 7) + 7)/7) - 7 \\
&:= 8 + (8 \times (88+8+8) + ((8+8)/8)) \\
&:= 9 \times 9 \times 9 + ((999+9+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 843 &:= 1 + (1 + (((11-1) \times (1+1+1)) - 1)^{1+1}) \\
&:= 2 + (((22+2/2) + 2) + 2)^2 \\
&:= 33 + (3^3 \times (3^3+3)) \\
&:= 4 \times (4^4 - 44) - (4/4+4) \\
&:= 5^5/5 + (((5 - (5+5)/5)^5) - 5 \times 5) \\
&:= 6 + ((66 \times 66 + 666)/6) \\
&:= 7 + (77/7 \times (77 - 7/7)) \\
&:= 88/8 + 8 \times (88+8+8) \\
&:= 9 + ((9999+9)/(99+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 844 &:= (1+1) \times ((1+1) \times ((1+1) \times 111 - 11)) \\
&:= 2 \times ((22-2)^2 + 22) \\
&:= 3 + (((333+3)/3) + 3^{3+3}) \\
&:= 4 \times (4^4 - 44) - 4 \\
&:= 5 \times 55 + ((5^5 - 5)/5 - 55) \\
&:= 6 + (((6/6+6+6) \times ((6+6)/6)^6) + 6) \\
&:= (77 \times 77 - (7+7+7))/7 \\
&:= 888 - (88/((8+8)/8)) \\
&:= 9 + (((9 \times 9 \times 9 - (9+9)/9) + 99) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 845 &:= (1 + (1 + (1 + 1 + 1))) \times ((1 + (1 + 11))^{1+1}) \\
&:= 2/2 + (2 \times ((22-2)^2 + 22)) \\
&:= 333 + ((3-3/3)^{3 \times 3}) \\
&:= 4/4 + (4 \times (4^4 - 44) - 4) \\
&:= 5 + ((5+5+5) \times (55+5/5)) \\
&:= (6/6+6+6) \times (66-6/6) \\
&:= (77 \times 77 - (7+7))/7 \\
&:= 88 + (8 \times (88+8) - (88/8)) \\
&:= 9 + (((9 \times 9 \times 9 - 9/9) + 99) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 846 &:= (11 \times (11 \times (1 + ((1+1) \times (1+1+1)))) - 1) \\
&:= 2 + (2 \times ((22-2)^2 + 22)) \\
&:= 3 + ((3^3 \times (3^3+3)) + 33) \\
&:= 4 \times (4^4 - 44) - (4+4)/4 \\
&:= 5 + ((5 \times 5 - 5/5 + 5)^{(5+5)/5}) \\
&:= 666 + 6 \times (6 \times 6 - 6) \\
&:= (77 \times 77 - 7)/7 \\
&:= (8/8+8) \times ((88 - ((8+8)/8)) + 8) \\
&:= 9 + ((9 \times 9 \times 9 + 99) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 847 &:= 11 \times (11 \times (1 + ((1+1) \times (1+1+1)))) \\
&:= (2 \times 22^2) - (22/2)^2 \\
&:= 33/3 \times (3 \times 3^3 - (3/3+3)) \\
&:= 4 \times (4^4 - 44) - 4/4 \\
&:= ((555+555) + 5^5)/5 \\
&:= (66/6) \times (66/6+66) \\
&:= 77 \times (77/7) \\
&:= 88/8 \times (88 - 88/8) \\
&:= 9 + (((9 \times 9 \times 9 + 99) + 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 848 &:= 1 + (11 \times (11 \times (1 + ((1+1) \times (1+1+1)))) \\
&:= 2 \times (((22-2)^2 + 22) + 2) \\
&:= 3 + (((3-3/3)^{3 \times 3}) + 333) \\
&:= 4 \times (4^4 - 44) \\
&:= (55/5+5) \times (55 - (5+5)/5) \\
&:= ((66 \times (66/6+66)) + 6)/6 \\
&:= (77 \times 77 + 7)/7 \\
&:= 8 + (8 \times (88+8+8) + 8) \\
&:= 9 + ((9 \times 9 \times 9 + (99/9)) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 849 &:= ((1+1)^{11}) - (11 \times (111 - 1 - 1)) \\
&:= 2 + ((2 \times 22^2) - (22/2)^2) \\
&:= (33 \times 3^3) - (3 \times 3 + 33) \\
&:= 4/4 + 4 \times (4^4 - 44) \\
&:= 5 \times 5 + ((55 \times (5+5+5)) - 5/5) \\
&:= 6 + (((66 \times 66 + 666)/6) + 6) \\
&:= ((77 \times 77 + 7) + 7)/7 \\
&:= 8 + ((8 \times (88+8+8) + 8/8) + 8) \\
&:= 9 + (999/9 + 9 \times 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 850 &:= 11^{1+1} + (11-1-1)^{1+1+1} \\
&:= 2 + (2 \times (((22-2)^2 + 22) + 2)) \\
&:= 3^{3+3} + ((33/3)^{3-3/3}) \\
&:= (4+4)/4 + 4 \times (4^4 - 44) \\
&:= 5 \times ((5 \times ((5 \times 5 + 5) + 5)) - 5) \\
&:= 66 \times (6+6) + (((6+6)/6)^6 - 6) \\
&:= (((77 \times 77 + 7) + 7) + 7)/7 \\
&:= 8 + ((8 \times (88+8+8) + ((8+8)/8)) + 8) \\
&:= 9 + (((999+9)/9) + 9 \times 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 851 &:= (1 + (11 + 11)) \times (111/(1+1+1)) \\
&:= (2 \times (22^2 + 2)) - (22/2)^2 \\
&:= 3^{3+3} + ((3^{3+3} + 3)/(3+3)) \\
&:= 4 + (4 \times (4^4 - 44) - 4/4) \\
&:= 5 \times 5 + ((55 \times (5+5+5)) + 5/5) \\
&:= 6 + ((6/6+6+6) \times (66-6/6)) \\
&:= (77/7 \times (7/7+77)) - 7 \\
&:= 8 + (8 \times (88+8+8) + 88/8) \\
&:= 9 \times 9 \times 9 + (999+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 852 &:= 11 + (((11-1) \times (1+1+1)) - 1)^{1+1} \\
&:= 2 \times ((2 \times (222+2)) - 22) \\
&:= (3/3+3) \times ((3+3)^3 - 3) \\
&:= 4 + 4 \times (4^4 - 44) \\
&:= 5 + (((555+555) + 5^5)/5) \\
&:= 66 + (66 \times (6+6) - 6) \\
&:= 7 + ((77 \times 77 - (7+7))/7) \\
&:= 8 + (888 - (88/((8+8)/8))) \\
&:= ((99+9)/9) \times (9 \times 9 - (9/9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 853 &:= (((1+11)^{1+1+1})/(1+1)) - 11 \\
&:= (2 \times (22^2 - 2)) - 222/2 \\
&:= 3/3 + ((3/3+3) \times ((3+3)^3 - 3)) \\
&:= 4 + (4 \times (4^4 - 44) + 4/4) \\
&:= 5 + ((55/5+5) \times (55 - (5+5)/5)) \\
&:= (6 \times (6+6) \times (6+6)) - 66/6 \\
&:= 7 + ((77 \times 77 - 7)/7) \\
&:= 888 - ((88/8+8+8) + 8) \\
&:= 9 \times 99 - ((99/9+9+9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 854 &:= 1 + (((1+11)^{1+1+1})/(1+1)) - 11 \\
&:= 2 + (2 \times ((2 \times (222+2)) - 22)) \\
&:= 3^{3+3} + ((3-3/3+3)^3) \\
&:= (4444-4)/4 - 4^4 \\
&:= 555 + ((5 \times (55+5)) - 5/5) \\
&:= (6/6+6) \times ((666+66)/6) \\
&:= 77 + 777 \\
&:= 88 + (8 \times (88+8) - ((8+8)/8)) \\
&:= 9 \times 99 - (((9/9+9+9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 855 &:= 1111 - (1+1)^{(1+1)^{1+1+1}} \\
&:= (2 \times 22^2) - (222/2+2) \\
&:= 3 \times (3 \times (3 \times 33 - 3) - 3) \\
&:= 4444/4 - 4^4 \\
&:= 555 + (5 \times (55+5)) \\
&:= 6 \times 6 + ((6/6+6) \times (666/6+6)) \\
&:= 7 + ((77 \times 77 + 7)/7) \\
&:= 88 + (8 \times (88+8) - 8/8) \\
&:= 9 \times 99 - ((9+9+9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 856 &:= (11-1)^{1+1+1} - ((1+11)^{1+1}) \\
&:= 2 \times (2 \times (222 - 2 \times (2+2))) \\
&:= (3 \times 3^{3+3}) - ((33/3)^3) \\
&:= 4 + (4 \times (4^4 - 44) + 4) \\
&:= 5/5 + ((5 \times (55+5)) + 555) \\
&:= 66 \times (6+6) + ((6+6)/6)^6 \\
&:= 7 + (((77 \times 77 + 7) + 7)/7) \\
&:= 88 + 8 \times (88+8) \\
&:= (9-9/9) \times ((99-9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 857 &:= ((1+1) \times ((11+11)^{1+1})) - 111 \\
&:= (2 \times 22^2) - 222/2 \\
&:= (33 \times 3^3) - (3/3 + 33) \\
&:= 4 + ((4 \times (4^4 - 44) + 4/4) + 4) \\
&:= ((5+5)/5)^5 + (55 \times (5+5+5)) \\
&:= 66 + (66 \times (6+6) - 6/6) \\
&:= ((77 \times 77 - 7) + 77)/7 \\
&:= 8/8 + (8 \times (88+8) + 88) \\
&:= 9 + (((9 \times 9 \times 9 + (99/9)) + 99) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 858 &:= 11 \times (111 - (11 \times (1+1+1))) \\
&:= 22 \times (2 \times (22-2) - 2/2) \\
&:= 33 \times (3^3 - 3/3) \\
&:= 4 + ((4444 - 4)/4 - 4^4) \\
&:= 5^5/5 + (((5 - (5+5)/5)^5) - (5+5)) \\
&:= 66 + 66 \times (6+6) \\
&:= 77/7 \times (7/7 + 77) \\
&:= 88 + (8 \times (88+8) + ((8+8)/8)) \\
&:= 9 + ((999/9 + 9 \times 9 \times 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 859 &:= 1 + (11 \times (111 - (11 \times (1+1+1)))) \\
&:= 2 + ((2 \times 22^2) - 222/2) \\
&:= 3/3 + (33 \times (3^3 - 3/3)) \\
&:= 4 + (4444/4 - 4^4) \\
&:= ((55/5+5) \times (55-5/5)) - 5 \\
&:= 66 + (66 \times (6+6) + 6/6) \\
&:= ((77 \times 77 + 77) + 7)/7 \\
&:= 8 + ((8 \times (88+8+8) + 88/8) + 8) \\
&:= 9 + (((999+9)/9) + 9 \times 9 \times 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 860 &:= (1+1) \times (((11+(11-1))^{1+1}) - 11) \\
&:= (2-22) \times (2/2 - (2 \times 22)) \\
&:= (3/3+3) \times ((3+3)^3 - 3/3) \\
&:= (4/4+4) \times ((4 \times 44) - 4) \\
&:= 5 + ((5 \times (55+5)) + 555) \\
&:= 66 + (66 \times (6+6) + ((6+6)/6)) \\
&:= 7 + (((77 \times 77 - 7)/7) + 7) \\
&:= 888 + ((8-8 \times 8)/((8+8)/8)) \\
&:= 9 \times 99 - (((99+99)/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 861 &:= (1+1+1) \times (((1+1) \times ((1+11)^{1+1})) - 1) \\
&:= (2/2+2) \times ((22+2)^2 - 2)/2 \\
&:= 3 + (33 \times (3^3 - 3/3)) \\
&:= 4/4 + ((4/4+4) \times ((4 \times 44) - 4)) \\
&:= 5 \times 5 \times 5 + ((555+5^5)/5) \\
&:= 66 + (((6 \times 6)/(6+6))^6 + 66) \\
&:= 7 + (777+77) \\
&:= 888 - (88/8+8+8) \\
&:= (9 \times (99+9)) - 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 862 &:= (((1+11)^{1+1+1})/(1+1)) - 1 - 1 \\
&:= 2 \times (2 \times 222 - 2) - 22 \\
&:= 3 + ((33 \times (3^3 - 3/3)) + 3/3) \\
&:= (4 \times (4^4 - 44 + 4)) - (4+4)/4 \\
&:= 555 + (5^5 - 55)/(5+5) \\
&:= (6 \times (6+6) \times (6+6)) - (6+6)/6 \\
&:= 7 + (((77 \times 77 + 7)/7) + 7) \\
&:= 888 + ((8-88)/8 - (8+8)) \\
&:= 9 \times 99 - (99/9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 863 &:= (((1+11)^{1+1+1})/(1+1)) - 1 \\
&:= ((22+2) \times (2+2+2)^2) - 2/2 \\
&:= (33 \times 3^3) - (3^3 + 3/3) \\
&:= (4 \times (4^4 - 44 + 4)) - 4/4 \\
&:= 5^5/5 + (((5 - (5+5)/5)^5) - 5) \\
&:= (6 \times (6+6) \times (6+6)) - 6/6 \\
&:= 7 + (((77 \times 77 + 7) + 7)/7) + 7) \\
&:= 888 - (8/8 + 8 + 8 + 8) \\
&:= 9 \times 99 - ((9/9 + 9 + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 864 &:= ((1+11)^{1+1+1})/(1+1) \\
&:= (22+2) \times (2+2+2)^2 \\
&:= 3 \times 3 \times (3 \times 33 - 3) \\
&:= 4 \times (4^4 - 44 + 4) \\
&:= (55/5+5) \times (55-5/5) \\
&:= 6 \times (6+6) \times (6+6) \\
&:= (77/7+7) \times (7 \times 7 - 7/7) \\
&:= (88+8) \times (8/8+8) \\
&:= 9 \times 99 - (9+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 865 &:= 1 + (((1+11)^{1+1+1})/(1+1)) \\
&:= 2/2 + ((22+2) \times (2+2+2)^2) \\
&:= 3/3 + (3 \times 3 \times (3 \times 33 - 3)) \\
&:= 4/4 + (4 \times (4^4 - 44 + 4)) \\
&:= (5 \times (5 \times ((5 \times 5 + 5) + 5))) - 5 - 5 \\
&:= 6/6 + (6 \times (6+6) \times (6+6)) \\
&:= 7 + (77/7 \times (7/7 + 77)) \\
&:= 8/8 + (88+8) \times (8/8+8) \\
&:= 9/9 + (9 \times 99 - (9+9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 866 &:= 1 + (1 + (((1+11)^{1+1+1})/(1+1))) \\
&:= (2 \times 2 \times 222) - 22 \\
&:= 3 + ((33 \times 3^3) - (3^3 + 3/3)) \\
&:= (4+4)/4 + (4 \times (4^4 - 44 + 4)) \\
&:= 5 + (((555+5^5)/5) + 5 \times 5 \times 5) \\
&:= (6+6)/6 + (6 \times (6+6) \times (6+6)) \\
&:= 7 + (((77 \times 77 + 77) + 7)/7) \\
&:= 888 - (88+88)/8 \\
&:= (9+9)/9 + (9 \times 99 - (9+9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 867 &:= 1 + (1 + (1 + (((1+11)^{1+1+1})/(1+1)))) \\
&:= 2/2 + ((2 \times 2 \times 222) - 22) \\
&:= 3 + (3 \times 3 \times (3 \times 33 - 3)) \\
&:= 4 + ((4 \times (4^4 - 44 + 4)) - 4/4) \\
&:= 555 + (5^5 - 5)/(5+5) \\
&:= (6 \times 6/(6+6)) + (6 \times (6+6) \times (6+6)) \\
&:= 7 + (((77 \times 77 - 7)/7) + 7) + 7) \\
&:= 88 + (8 \times (88+8) + (88/8)) \\
&:= 9 + (((999/9 + 9 \times 9 \times 9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 868 &:= 1111 - (1 + ((1+1) \times 11^{1+1})) \\
&:= 2 + ((2 \times 2 \times 222) - 22) \\
&:= (3/3+3) \times ((3+3)^3 + 3/3) \\
&:= 4 + (4 \times (4^4 - 44 + 4)) \\
&:= 5^5/5 + ((5 - (5+5)/5)^5) \\
&:= 6 + ((6 \times (6+6) \times (6+6)) - ((6+6)/6)) \\
&:= 7 + (777+77+7) \\
&:= 888 - (((88+8)/8) + 8) \\
&:= 9 \times 99 - ((99+99+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 869 &:= 11 \times ((11-1-1)^{1+1} - (1+1)) \\
&:= (2222 - 22^2)/2 \\
&:= 33/3 + (33 \times (3^3 - 3/3)) \\
&:= 44 \times (4 \times 4 + 4) - 44/4 \\
&:= 5 + ((55/5+5) \times (55-5/5)) \\
&:= 6 + ((6 \times (6+6) \times (6+6)) - 6/6) \\
&:= 77/7 \times ((7+7)/7 + 77) \\
&:= 888 - (88/8+8) \\
&:= 9 \times 99 - ((99+99)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 870 &:= 1 + (11 \times ((11-1-1)^{1+1} - (1+1))) \\
&:= (2 \times (2 \times 222 + 2)) - 22 \\
&:= 3 + ((3 \times 3 \times (3 \times 33 - 3)) + 3) \\
&:= 4^4 + ((4/4+4)^4 - 44/4) \\
&:= (5 \times (5 \times ((5 \times 5 + 5) + 5))) - 5 \\
&:= 6 + (6 \times (6+6) \times (6+6)) \\
&:= 7 \times (77+7 \times 7) - (77+7)/7 \\
&:= 888 + ((8-88)/8 - 8) \\
&:= 9 \times 99 - (((99+9)/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 871 &:= 1111 - ((1+1) \times (11^{1+1} - 1)) \\
&:= (((2 \times 22) - 2)^2) - 22/2 \\
&:= 3 + ((3/3 + 3) \times ((3+3)^3 + 3/3)) \\
&:= 4 \times 4 + (4444/4 - 4^4) \\
&:= 5/5 + ((5 \times (5 \times ((5 \times 5 + 5) + 5))) - 5) \\
&:= 6 + ((6 \times (6+6) \times (6+6)) + 6/6) \\
&:= 7 \times (77 + 7 \times 7) - 77/7 \\
&:= 888 - (8/8 + 8 + 8) \\
&:= 9 \times 99 - (99/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 872 &:= (1+1)^{1+1+1} \times (111 - 1 - 1) \\
&:= 2 \times (2 \times (222 - (2+2))) \\
&:= (3/3 + 3) \times (((3+3)^3 - 3/3) + 3) \\
&:= 44 \times (4 \times 4 + 4) - 4 - 4 \\
&:= 5 + ((5^5 - 5)/(5+5) + 555) \\
&:= 6 + ((6 \times (6+6) \times (6+6)) + ((6+6)/6)) \\
&:= 7 + ((77/7 \times (7/7 + 77)) + 7) \\
&:= 888 - 8 - 8 \\
&:= 9 \times 99 - (9/9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 873 &:= 1 + ((1+1)^{1+1+1} \times (111 - 1 - 1)) \\
&:= 2 + (((2 \times 22) - 2)^2) - 22/2) \\
&:= 3 \times (3 \times (3 \times 33 - 3) + 3) \\
&:= 4^4 + ((4/4 + 4)^4 - (4+4)) \\
&:= 5 + (((5 - (5+5)/5)^5) + 5^5/5) \\
&:= (6+6) \times (6+6) + ((6 \times 6/(6+6))^6) \\
&:= 777 + (7 \times (7+7) - ((7+7)/7)) \\
&:= 8/8 + (888 - (8+8)) \\
&:= 9 \times 99 - (9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 874 &:= 11 + (((1+11)^{1+1+1})/(1+1)) - 1) \\
&:= 2 + (2 \times (2 \times (222 - (2+2)))) \\
&:= 3/3 + (3 \times (3 \times (3 \times 33 - 3) + 3)) \\
&:= 44 \times (4 \times 4 + 4) - ((4+4)/4 + 4) \\
&:= (5 \times 5 \times (5+5)) + (5^5 - 5)/5 \\
&:= ((66 - 6)/6) + (6 \times (6+6) \times (6+6)) \\
&:= 777 + (7 \times (7+7) - 7/7) \\
&:= 888 + (((8+8)/8) - (8+8)) \\
&:= 9/9 + (9 \times 99 - (9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 875 &:= 11 + (((1+11)^{1+1+1})/(1+1)) \\
&:= (2 \times 2 \times 222) - (22/2 + 2) \\
&:= 33/3 + (3 \times 3 \times (3 \times 33 - 3)) \\
&:= (4/4 + 4) \times ((4 \times 44) - 4/4) \\
&:= 5 \times (5 \times ((5 \times 5 + 5) + 5)) \\
&:= 66/6 + (6 \times (6+6) \times (6+6)) \\
&:= 777 + 7 \times (7+7) \\
&:= 888 - (88 + 8 + 8)/8 \\
&:= (9+9)/9 + (9 \times 99 - (9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 876 &:= 1 + (11 + (((1+11)^{1+1+1})/(1+1))) \\
&:= 2 \times ((2 \times (222 - 2)) - 2) \\
&:= (3/3 + 3) \times ((3+3)^3 + 3) \\
&:= 44 \times (4 \times 4 + 4) - 4 \\
&:= 5/5 + (5 \times (5 \times ((5 \times 5 + 5) + 5))) \\
&:= 6 + ((6 \times (6+6) \times (6+6)) + 6) \\
&:= 7/7 + (777 + 7 \times (7+7)) \\
&:= 888 - (88 + 8)/8 \\
&:= 9 \times 99 + (((9+9+9)/9) - (9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 877 &:= (111 \times (1+1)^{1+1+1}) - 11 \\
&:= (2 \times 2 \times 222) - 22/2 \\
&:= (33 \times 3^3) - (33/3 + 3) \\
&:= 4^4 + ((4/4 + 4)^4 - 4) \\
&:= (5+5)/5 + (5 \times (5 \times ((5 \times 5 + 5) + 5))) \\
&:= 6 + (((6 \times (6+6) \times (6+6)) + 6/6) + 6) \\
&:= ((7+7)/7) + (777 + 7 \times (7+7)) \\
&:= 888 - 88/8 \\
&:= 9 \times 99 + (((9-99)/(9+9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 878 &:= 1 + ((111 \times (1+1)^{1+1+1}) - 11) \\
&:= 2 \times (((22 - 2/2)^2) - 2) \\
&:= (33 \times 3^3) + (((3-33)/3) - 3) \\
&:= 44 \times (4 \times 4 + 4) - (4+4)/4 \\
&:= (55 \times (55/5 + 5)) - (5+5)/5 \\
&:= 6 + (((6 \times (6+6) \times (6+6)) + ((6+6)/6)) + 6) \\
&:= 7 + (7 \times (77 + 7 \times 7) - (77/7)) \\
&:= 888 + (8 - 88)/8 \\
&:= 9 \times 99 - ((99 + 9 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 879 &:= (11 - 1)^{1+1+1} - 11^{1+1} \\
&:= (2 \times (2 \times (222 - 2))) - 2/2 \\
&:= (33 \times 3^3) - (3 \times 3 + 3) \\
&:= 44 \times (4 \times 4 + 4) - 4/4 \\
&:= (55 \times (55/5 + 5)) - 5/5 \\
&:= 6 + (((6 \times 6/(6+6))^6) + (6+6) \times (6+6)) \\
&:= 7 \times (77 + 7 \times 7) - (7 + 7 + 7)/7 \\
&:= 888 - (8/8 + 8) \\
&:= 9 \times 99 - (99 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 880 &:= 11 \times ((11 - 1 - 1)^{1+1} - 1) \\
&:= 2 \times (2 \times (222 - 2)) \\
&:= (33 \times 3^3) - 33/3 \\
&:= 44 \times (4 \times 4 + 4) \\
&:= 55 \times (55/5 + 5) \\
&:= 666 + (6 \times 6 \times 6 - (6+6)/6) \\
&:= (7/7 + 7) \times (777 - 7)/7 \\
&:= 888 - 8 \\
&:= 9 \times 99 - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 881 &:= 1 + (11 \times ((11 - 1 - 1)^{1+1} - 1)) \\
&:= (((2 \times 22) - 2)^2) - 2/2 \\
&:= (33 \times 3^3) + ((3 - 33)/3) \\
&:= 4^4 + (4/4 + 4)^4 \\
&:= 5/5 + (55 \times (55/5 + 5)) \\
&:= 666 + (6 \times 6 \times 6 - 6/6) \\
&:= 7 \times (77 + 7 \times 7) - 7/7 \\
&:= 8/8 + 888 - 8 \\
&:= 9 \times 99 - 9/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 882 &:= (1+1) \times ((11 + (11 - 1))^{1+1}) \\
&:= 2 \times ((22 - 2/2)^2) \\
&:= 3 \times (3 \times 3 \times 33 - 3) \\
&:= 4/4 + ((4/4 + 4)^4 + 4^4) \\
&:= (5+5)/5 + (55 \times (55/5 + 5)) \\
&:= 666 + 6 \times 6 \times 6 \\
&:= 7 \times (77 + 7 \times 7) \\
&:= 888 + (((8+8)/8) - 8) \\
&:= 9 \times 99 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 883 &:= 1 + ((1+1) \times ((11 + (11 - 1))^{1+1})) \\
&:= (((2 \times 22) - 2)^2) + 2/2) \\
&:= 3 + ((33 \times 3^3) - 33/3) \\
&:= 4 + (44 \times (4 \times 4 + 4) - 4/4) \\
&:= 5 + ((55 \times (55/5 + 5)) - ((5+5)/5)) \\
&:= 6/6 + (666 + 6 \times 6 \times 6) \\
&:= 7/7 + 7 \times (77 + 7 \times 7) \\
&:= 888 + (88/8 - (8+8)) \\
&:= 9/9 + (9 \times 99 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 884 &:= (1+1) \times (1 + ((11 + (11 - 1))^{1+1})) \\
&:= 2 \times (2 \times 222 - 2) \\
&:= (3^3 - 3/3) \times (3/3 + 33) \\
&:= 4 + 44 \times (4 \times 4 + 4) \\
&:= 5 + ((55 \times (55/5 + 5)) - 5/5) \\
&:= 666 + (6 \times 6 \times 6 + (6+6)/6) \\
&:= ((7+7)/7) + 7 \times (77 + 7 \times 7) \\
&:= 888 - (8/((8+8)/8)) \\
&:= (9+9)/9 + (9 \times 99 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 885 &:= 1 + ((1+1) \times (1 + ((11 + (11 - 1))^{1+1}))) \\
&:= 2 + (((2 \times 22) - 2)^2) + 2/2) \\
&:= (33 \times 3^3) - (3+3) \\
&:= 4 + ((4/4 + 4)^4 + 4^4) \\
&:= 5 + (55 \times (55/5 + 5)) \\
&:= (6 - 6/6) \times (666/6 + 66) \\
&:= (7 \times ((7+7)/7)^7) - 77/7 \\
&:= 8 + (888 - 88/8) \\
&:= 9 \times 99 + (((9+9+9)/9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 886 &:= (1+1) \times (((1+1) \times (1+1) \times 111) - 1) \\
&:= (2 \times 2 \times 222) - 2 \\
&:= 3/3 + ((33 \times 3^3) - (3+3)) \\
&:= (4+4)/4 \times (444 - 4/4) \\
&:= 5 + ((55 \times (55/5 + 5)) + 5/5) \\
&:= 6 + ((666 - ((6+6)/6)) + 6 \times 6 \times 6) \\
&:= 77/7 + (777 + 7 \times (7+7)) \\
&:= 888 - (8+8)/8 \\
&:= 9 \times 99 + ((9-99)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 887 &:= (111 \times (1+1)^{1+1+1}) - 1 \\
&:= (2 \times 2 \times 222) - 2/2 \\
&:= (33 \times 3^3) - (3/3 + 3) \\
&:= ((4+4) \times 444 - 4)/4 \\
&:= 5 + ((55 \times (55/5 + 5)) + ((5+5)/5)) \\
&:= 6 + ((6 \times 6 \times 6 - 6/6) + 666) \\
&:= 777 + (777 - 7)/7 \\
&:= 888 - 8/8 \\
&:= 9 \times 99 + ((9-9 \times 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 888 &:= 111 \times (1+1)^{1+1+1} \\
&:= 2 \times 2 \times 222 \\
&:= (33 \times 3^3) - 3 \\
&:= (4+4) \times 444/4 \\
&:= 5 \times 55 + ((5^5 - (55+5))/5) \\
&:= 6 + (666 + 6 \times 6 \times 6) \\
&:= 777 + 777/7 \\
&:= 888 \\
&:= 9 \times 99 - (9+9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 889 &:= 1 + (111 \times (1+1)^{1+1+1}) \\
&:= 2/2 + (2 \times 2 \times 222) \\
&:= 3/3 + ((33 \times 3^3) - 3) \\
&:= ((4+4) \times 444 + 4)/4 \\
&:= 5 \times 55 + ((5^5 - 55)/5) \\
&:= 6 + ((666 + 6 \times 6 \times 6) + 6/6) \\
&:= 7 + 7 \times (77 + 7 \times 7) \\
&:= 8/8 + 888 \\
&:= 9 \times 99 - (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 890 &:= (11 \times (11 - 1 - 1)^{1+1}) - 1 \\
&:= 2 + (2 \times 2 \times 222) \\
&:= (33 \times 3^3) - 3/3 \\
&:= (4+4)/4 \times (444 + 4/4) \\
&:= 5 + ((55 \times (55/5 + 5)) + 5) \\
&:= 6 + ((666 + 6 \times 6 \times 6) + ((6+6)/6)) \\
&:= 7 + (7 \times (77 + 7 \times 7) + 7/7) \\
&:= 888 + (8+8)/8 \\
&:= 9 \times 99 - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 891 &:= 11 \times (11 - 1 - 1)^{1+1} \\
&:= 2 + ((2 \times 2 \times 222) + 2/2) \\
&:= 33 \times 3^3 \\
&:= 44/4 \times (4 - 4/4)^4 \\
&:= 5 \times 55 + ((5^5 + 5)/5 - (5+5)) \\
&:= 6 + ((6 - 6/6) \times (666/6 + 66)) \\
&:= 7 + (7 \times (77 + 7 \times 7) + ((7+7)/7)) \\
&:= 888 + (88/8 - 8) \\
&:= 9 \times 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 892 &:= 1 + (11 \times (11 - 1 - 1)^{1+1}) \\
&:= 2 \times (2 \times 222 + 2) \\
&:= 3/3 + (33 \times 3^3) \\
&:= 4 + (444 + 444) \\
&:= 5 \times 5 + ((5^5 - 5)/5 + 555) \\
&:= 6 \times 6 + (66 \times (6+6) + ((6+6)/6)^6) \\
&:= 7 + ((7 \times ((7+7)/7)^7) - (77/7)) \\
&:= 888 + (8/((8+8)/8)) \\
&:= 9/9 + 9 \times 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 893 &:= 1 + (1 + (11 \times (11 - 1 - 1)^{1+1})) \\
&:= 2/2 + (2 \times (2 \times 222 + 2)) \\
&:= 3 + ((33 \times 3^3) - 3/3) \\
&:= 4 + (((4+4) \times 444 + 4)/4) \\
&:= 5 \times 55 + ((5^5 - 5 - 5)/5 - 5) \\
&:= 666 + (6 \times 6 \times 6 + 66/6) \\
&:= 77/7 + 7 \times (77 + 7 \times 7) \\
&:= 8 + (888 - 88/8 + 8) \\
&:= (9+9)/9 + 9 \times 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 894 &:= 1 + (1 + (1 + (11 \times (11 - 1 - 1)^{1+1}))) \\
&:= 2 + (2 \times (2 \times 222 + 2)) \\
&:= 3 + (33 \times 3^3) \\
&:= 4 + ((4+4)/4 \times (444 + 4/4)) \\
&:= 5 \times 55 + ((5^5 - 5)/5 - 5) \\
&:= (6 \times ((6+6) \times (6+6) + 6)) - 6 \\
&:= (7 \times ((7+7)/7)^7) - (7+7)/7 \\
&:= 8 + (888 - ((8+8)/8)) \\
&:= 9 \times 99 + ((9+9+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 895 &:= ((1+111) \times (1+1)^{1+1+1}) - 1 \\
&:= (2 \times (2 \times (222 + 2))) - 2/2 \\
&:= 3 + ((33 \times 3^3) + 3/3) \\
&:= 4 + (44/4 \times (4 - 4/4)^4) \\
&:= 5^5/5 + (5 \times 55 - 5) \\
&:= (6666/6) - 6 \times 6 \times 6 \\
&:= (7 \times ((7+7)/7)^7) - 7/7 \\
&:= 8 + (888 - 8/8) \\
&:= 9 \times 99 + ((9 \times 9 - 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 896 &:= (1+111) \times (1+1)^{1+1+1} \\
&:= 2 \times (2 \times (222 + 2)) \\
&:= 3 + (((33 \times 3^3) - 3/3) + 3) \\
&:= 4 \times (4^4 - 4 \times (4+4)) \\
&:= 5 \times 55 + ((5^5 + 5)/5 - 5) \\
&:= (6/6 + 6) \times (((6+6)/6)^{6/6+6}) \\
&:= 7 \times ((7+7)/7)^7 \\
&:= 8 + 888 \\
&:= 9 \times 99 + ((9 \times 9 + 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 897 &:= 1 + ((1+111) \times (1+1)^{1+1+1}) \\
&:= 2/2 + (2 \times (2 \times (222 + 2))) \\
&:= 3 + ((33 \times 3^3) + 3) \\
&:= 4 \times 4 + ((4/4 + 4)^4 + 4^4) \\
&:= 5 \times 55 + ((5^5 + 5 + 5)/5 - 5) \\
&:= 666/6 + (66 \times (6+6) - 6) \\
&:= 7/7 + (7 \times ((7+7)/7)^7) \\
&:= 8 + (888 + 8/8) \\
&:= 9 + (9 \times 99 - ((9+9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 898 &:= (((11-1) \times (1+1+1))^{1+1}) - 1 - 1 \\
&:= 2 + (2 \times (2 \times (222 + 2))) \\
&:= 3 + (((33 \times 3^3) + 3/3) + 3) \\
&:= (4+4)/4 + (4 \times (4^4 - 4 \times (4+4))) \\
&:= 5 \times 55 + (5^5 - 5 - 5)/5 \\
&:= (6 \times ((6+6) \times (6+6) + 6)) - (6+6)/6 \\
&:= ((7+7)/7) + (7 \times ((7+7)/7)^7) \\
&:= 8 + (888 + ((8+8)/8)) \\
&:= 9 + (9 \times 99 - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 899 &:= (((11-1) \times (1+1+1))^{1+1}) - 1 \\
&:= 22/2 + (2 \times 2 \times 222) \\
&:= 3 \times 3 + ((33 \times 3^3) - 3/3) \\
&:= ((4+4) \times 444 + 44)/4 \\
&:= 5 \times 55 + (5^5 - 5)/5 \\
&:= (6 \times ((6+6) \times (6+6) + 6)) - 6/6 \\
&:= 777 + (777 + 77)/7 \\
&:= 888 + 88/8 \\
&:= 9 + (9 \times 99 - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 900 &:= ((11-1) \times (1+1+1))^{1+1} \\
&:= (2 \times (2+2) + 22)^2 \\
&:= 3 \times (3 \times 3 \times 33 + 3) \\
&:= 4 + (4 \times (4^4 - 4 \times (4+4))) \\
&:= 5 \times (5 \times 5 \times 5 + 55) \\
&:= 6 \times ((6+6) \times (6+6) + 6) \\
&:= (77/7 + 7) \times (7/7 + 7 \times 7) \\
&:= 888 + (88 + 8)/8 \\
&:= 9 + 9 \times 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 901 &:= 1 + (((11-1) \times (1+1+1))^{1+1}) \\
&:= 2/2 + ((2 \times (2+2) + 22)^2) \\
&:= 3 \times 3 + ((33 \times 3^3) + 3/3) \\
&:= 4 + ((4 \times (4^4 - 4 \times (4+4))) + 4/4) \\
&:= 5 \times 55 + (5^5 + 5)/5 \\
&:= 6/6 + (6 \times ((6+6) \times (6+6) + 6)) \\
&:= 7 + ((7 \times ((7+7)/7)^7) - ((7+7)/7)) \\
&:= 888 + (88 + 8 + 8)/8 \\
&:= 9 + (9 \times 99 + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 902 &:= 11 \times (1 + (11-1-1)^{1+1}) \\
&:= 2 + ((2 \times (2+2) + 22)^2) \\
&:= 33/3 + (33 \times 3^3) \\
&:= 4 \times 4^4 - ((444 + 44)/4) \\
&:= 5 \times 55 + (5^5 + 5 + 5)/5 \\
&:= (6+6)/6 + (6 \times ((6+6) \times (6+6) + 6)) \\
&:= 7 + ((7 \times ((7+7)/7)^7) - 7/7) \\
&:= 8 + ((888 - ((8+8)/8)) + 8) \\
&:= 99/9 + 9 \times 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 903 &:= (1+1)^{11-1} - 11^{1+1} \\
&:= 2 + (((2 \times (2+2) + 22)^2) + 2/2) \\
&:= 3 + ((33 \times 3^3) + 3 \times 3) \\
&:= 4 + (((4+4) \times 444 + 44)/4) \\
&:= 5 + ((5^5 - 5 - 5)/5 + 5 \times 55) \\
&:= 666/6 + 66 \times (6+6) \\
&:= 7 + (7 \times ((7+7)/7)^7) \\
&:= 8 + (888 - 8/8 + 8) \\
&:= 9 \times 99 + (99 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 904 &:= 1 + ((1+1)^{11-1} - 11^{1+1}) \\
&:= 2 \times (2 \times ((222 + 2) + 2)) \\
&:= 3 + (((33 \times 3^3) + 3 \times 3) + 3/3) \\
&:= 4 + ((4 \times (4^4 - 4 \times (4+4))) + 4) \\
&:= 5 + ((5^5 - 5)/5 + 5 \times 55) \\
&:= 66 \times (6+6) + (666 + 6)/6 \\
&:= 7 + ((7 \times ((7+7)/7)^7) + 7/7) \\
&:= 8 + (888 + 8) \\
&:= 9 \times 99 + ((99 + 9 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 905 &:= 1 + (1 + ((1+1)^{11-1} - 11^{1+1})) \\
&:= 22 + (((((2 \times 22) - 2)^2) + 2)/2) \\
&:= 3 + ((33 \times 3^3) + 33/3) \\
&:= 4 \times 4 + (((4+4) \times 444 + 4)/4) \\
&:= 5 + (5^5/5 + 5 \times 55) \\
&:= 6 + ((6 \times ((6+6) \times (6+6) + 6)) - 6/6) \\
&:= 777 + ((7+7)/7)^7 \\
&:= 8 + (888 + 8/8 + 8) \\
&:= 9 + (((9 \times 9 + 9)/(9+9)) + 9 \times 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 906 &:= 1 + (1 + (1 + ((1+1)^{11-1} - 11^{1+1}))) \\
&:= 2 + (2 \times (2 \times ((222 + 2) + 2))) \\
&:= 3 + (((33 \times 3^3) + 3 \times 3) + 3) \\
&:= 4 + (4 \times 4^4 - ((444 + 44)/4)) \\
&:= 5 + ((5^5 + 5)/5 + 5 \times 55) \\
&:= 6 + (6 \times ((6+6) \times (6+6) + 6)) \\
&:= 7/7 + (((7+7)/7)^7 + 777) \\
&:= 8 + ((888 + ((8+8)/8)) + 8) \\
&:= 9 + ((9 \times 99 - ((9+9+9)/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 907 &:= 11 + ((1+111) \times (1+1)^{1+1+1}) \\
&:= 22/2 + (2 \times (2 \times (222 + 2))) \\
&:= 3^3 + ((33 \times 3^3) - 33/3) \\
&:= 4 \times 4 + (44/4 \times (4 - 4/4)^4) \\
&:= 5 + ((5^5 + 5 + 5)/5 + 5 \times 55) \\
&:= 6 + ((6 \times ((6+6) \times (6+6) + 6)) + 6/6) \\
&:= 77/7 + (7 \times ((7+7)/7)^7) \\
&:= 8 + (888 + 88/8) \\
&:= 9 + ((9 \times 99 - ((9+9)/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 908 &:= ((11-1-1) \times (1 + (11-1)^{1+1})) - 1 \\
&:= 2 \times ((2 \times ((222 + 2) + 2)) + 2) \\
&:= 3 + (((33 \times 3^3) + 33/3) + 3) \\
&:= 44 + (4 \times (4^4 - 44 + 4)) \\
&:= (5 - 5/5)^5 - (555/5 + 5) \\
&:= 6 + ((6 \times ((6+6) \times (6+6) + 6)) + ((6+6)/6)) \\
&:= (77 + 7)/7 + (7 \times ((7+7)/7)^7) \\
&:= 8 + (((88 + 8)/8) + 888) \\
&:= 9 + ((9 \times 99 - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 909 &:= (11-1-1) \times (1 + (11-1)^{1+1}) \\
&:= 22 + ((2 \times 2 \times 222) - 2/2) \\
&:= 3 \times ((3 \times 3 \times 33 + 3) + 3) \\
&:= 4 \times 4^4 - (444/4 + 4) \\
&:= 5 + (((5^5 - 5)/5 + 5 \times 55) + 5) \\
&:= 6 + (666/6 + 66 \times (6+6)) \\
&:= 7 + (((7 \times ((7+7)/7)^7) - 7/7) + 7) \\
&:= 8 + ((88 + 8 + 8)/8 + 888) \\
&:= 9 + (9 \times 99 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 910 &:= 1 + ((11-1-1) \times (1 + (11-1)^{1+1})) \\
&:= 22 + (2 \times 2 \times 222) \\
&:= 3/3 + ((33 \times 3^3) + (3 \times (3+3))) \\
&:= 4 \times 4^4 + (((4-444)/4) - 4) \\
&:= 5 + (5^5/5 + 5 \times 55) + 5) \\
&:= (6/6 + 6) \times (((6+6)/6)^6 + 66) \\
&:= 7 + ((7 \times ((7+7)/7)^7) + 7) \\
&:= 888 + (88 + 88)/8 \\
&:= 9 + ((9 \times 99 + 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 911 &:= 11 + (((11-1) \times (1+1+1))^{1+1}) \\
&:= 22 + ((2 \times 2 \times 222) + 2/2) \\
&:= 3 \times 3 + ((33 \times 3^3) + 33/3) \\
&:= 4 \times 4^4 - ((444 + 4 + 4)/4) \\
&:= 5 \times 55 + ((55 + 5^5)/5) \\
&:= 66/6 + (6 \times ((6+6) \times (6+6) + 6)) \\
&:= 7 + (((7 \times ((7+7)/7)^7) + 7/7) + 7) \\
&:= 8 + ((888 - 8/8 + 8) + 8) \\
&:= 9 + ((99/9) + 9 \times 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 912 &:= (1+1)^{11-1} - (1+111) \\
&:= 2 + ((2 \times 2 \times 222) + 22) \\
&:= 3 + ((33 \times 3^3) + (3 \times (3+3))) \\
&:= 4 \times ((4^4 - 4 \times (4+4)) + 4) \\
&:= 5 \times 55 + ((55 + 5^5 + 5)/5) \\
&:= 6 + ((6 \times ((6+6) \times (6+6) + 6)) + 6) \\
&:= 7 + (((7+7)/7)^7 + 777) \\
&:= 8 + (888 + 8 + 8) \\
&:= 9 + (((99+9)/9) + 9 \times 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 913 &:= (1+1)^{11-1} - 111 \\
&:= (2^{22/2} - 222)/2 \\
&:= 33 + ((33 \times 3^3) - 33/3) \\
&:= 4 \times 4^4 - 444/4 \\
&:= (5 - 5/5)^5 - 555/5 \\
&:= (66/6) \times (66/6 + 66 + 6) \\
&:= 77/7 \times (77 - 7/7 + 7) \\
&:= 8 + ((888 + 8/8 + 8) + 8) \\
&:= 9 \times 99 + ((99 + 99)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 914 &:= 1 + ((1+1)^{11-1} - 111) \\
&:= 22 + (2 \times (2 \times 222 + 2)) \\
&:= 3^3 + ((33 \times 3^3) - (3/3 + 3)) \\
&:= 4 \times 4^4 + ((4 - 444)/4) \\
&:= (5 - 5/5)^5 - (55 + 55) \\
&:= 66 \times (6+6) + ((666 + 66)/6) \\
&:= 7 + ((7 \times ((7+7)/7)^7) + (77/7)) \\
&:= 8 + (((888 + ((8+8)/8)) + 8) + 8) \\
&:= 9 \times 99 + ((99 + 99 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 915 &:= 1 + (1 + ((1+1)^{11-1} - 111)) \\
&:= 2 + (2^{22/2} - 222)/2 \\
&:= 3^3 + ((33 \times 3^3) - 3) \\
&:= 4 \times 4^4 + (((4-444) + 4)/4) \\
&:= (5 + 5 + 5) \times ((55 + 5/5) + 5) \\
&:= 6 + ((666/6 + 66 \times (6+6)) + 6) \\
&:= 777/7 - (7+7) \times (7+7) \\
&:= 8 + ((888 + 88/8) + 8) \\
&:= 999 - (((9+9+9)/9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 916 &:= 1 + (1 + (1 + ((1 + 1)^{11-1} - 111))) \\
&:= 2 \times (22^2 - (22 + 2 + 2)) \\
&:= 3^3 + (((33 \times 3^3) - 3) + 3/3) \\
&:= (4 \times (4^4 - 4 \times 4)) - 44 \\
&:= 5 + (((55 + 5^5)/5) + 5 \times 55) \\
&:= 6 + ((6/6 + 6) \times (((6 + 6)/6)^6 + 66)) \\
&:= ((77 \times (77 + 7) - 7)/7) - 7 \\
&:= 8 + (((88 + 8)/8) + 888) + 8 \\
&:= 999 - ((9 + 9)/9) + 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 917 &:= 1 + (1 + (1 + (1 + ((1 + 1)^{11-1} - 111)))) \\
&:= 2 + 2 + (2^{22/2} - 222)/2 \\
&:= 3^3 + ((33 \times 3^3) - 3/3) \\
&:= 4 + (4 \times 4^4 - 444/4) \\
&:= 5 + (((55 + 5^5 + 5)/5) + 5 \times 55) \\
&:= 666 + (6 \times (6 \times 6 + 6) - 6/6) \\
&:= (77 \times (77 + 7)/7) - 7 \\
&:= 8 + (((88 + 8 + 8)/8 + 888) + 8) \\
&:= 999 - (9/9 + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 918 &:= (11 - 1 - 1) \times (1 + (1 + (11 - 1)^{1+1})) \\
&:= 22 + (2 \times (2 \times (222 + 2))) \\
&:= 3 \times (3 \times (3 \times 33 + 3)) \\
&:= 4 + (((4 - 444)/4) + 4 \times 4^4) \\
&:= 5 + ((5 - 5/5)^5 - 555/5) \\
&:= 666 + 6 \times (6 \times 6 + 6) \\
&:= ((77 \times (77 + 7) + 7)/7) - 7 \\
&:= 8 + ((88 + 88)/8 + 888) \\
&:= 999 - 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 919 &:= 1 + ((11 - 1 - 1) \times (1 + (1 + (11 - 1)^{1+1}))) \\
&:= (2 \times (22^2 - (22 + 2))) - 2/2 \\
&:= 3^3 + ((33 \times 3^3) + 3/3) \\
&:= 4444/4 - (4 \times (44 + 4)) \\
&:= 5 + ((5 - 5/5)^5 - (55 + 55)) \\
&:= 6/6 + (6 \times (6 \times 6 + 6) + 666) \\
&:= 7 + (((7 + 7)/7)^7 + 777) + 7 \\
&:= 8 + (((888 - 8/8 + 8) + 8) + 8) \\
&:= 9/9 + (999 - 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 920 &:= (11 - 1) \times (11 + (11 - 1 - 1)^{1+1}) \\
&:= 2 \times (22^2 - (22 + 2)) \\
&:= 3 + (((33 \times 3^3) - 3/3) + 3^3) \\
&:= (4 + 4) \times (444/4 + 4) \\
&:= 5^5/5 + ((5 \times (55 + 5)) - 5) \\
&:= 666 + (6 \times (6 \times 6 + 6) + ((6 + 6)/6)) \\
&:= 7 + (77/7 \times (77 - 7/7 + 7)) \\
&:= 8 + ((888 + 8 + 8) + 8) \\
&:= 9 + (((99/9) + 9 \times 99) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 921 &:= 1 + ((11 - 1) \times (11 + (11 - 1 - 1)^{1+1})) \\
&:= 2/2 + (2 \times (22^2 - (22 + 2))) \\
&:= 3 + ((33 \times 3^3) + 3^3) \\
&:= 4 + ((4 \times 4^4 - 444/4) + 4) \\
&:= (5 \times (55 + 5)) + ((5^5 + 5)/5 - 5) \\
&:= 6 + (((666/6 + 66 \times (6 + 6)) + 6) + 6) \\
&:= (77 \times (77 + 7) - (7 + 7 + 7))/7 \\
&:= 8 + (((888 + 8/8 + 8) + 8) + 8) \\
&:= 9 \times (9 \times 9 + 9) + 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 922 &:= 11 + (11 + (((11 - 1) \times (1 + 1 + 1))^{1+1})) \\
&:= (2 \times (22^2 - 22)) - 2 \\
&:= 3 + (((33 \times 3^3) + 3^3) + 3/3) \\
&:= 4 + (((4 - 444)/4) + 4 \times 4^4) + 4 \\
&:= 55 + ((5^5 - 5)/(5 + 5) + 555) \\
&:= 66 + (66 \times (6 + 6) + ((6 + 6)/6)^6) \\
&:= (77 \times (77 + 7) - (7 + 7))/7 \\
&:= 8 + (((888 + ((8 + 8)/8)) + 8) + 8) + 8 \\
&:= 9 + (((99 + 99)/9) + 9 \times 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 923 &:= 11 + ((1 + 1)^{11-1} - (1 + 111)) \\
&:= (2 \times (22^2 - 22)) - 2/2 \\
&:= 33 + ((33 \times 3^3) - 3/3) \\
&:= 44 + (44 \times (4 \times 4 + 4) - 4/4) \\
&:= (5 \times (55 + 5)) + (5^5 - 5 - 5)/5 \\
&:= (6/6 + 6 + 6) \times ((66 - 6/6) + 6) \\
&:= (77 \times (77 + 7) - 7)/7 \\
&:= 8 + (((888 + 88/8) + 8) + 8) \\
&:= 9 + (((99 + 99 + 9)/9) + 9 \times 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 924 &:= 11 + ((1 + 1)^{11-1} - 111) \\
&:= 2 \times (22^2 - 22) \\
&:= 33 + (33 \times 3^3) \\
&:= 44 + 44 \times (4 \times 4 + 4) \\
&:= (5 \times (5 - 5 \times 5)) + (5 - 5/5)^5 \\
&:= 66 \times ((6 + 6)/6 + 6 + 6) \\
&:= 77 \times (77 + 7)/7 \\
&:= 888 + ((8 \times 8 + 8)/((8 + 8)/8)) \\
&:= 9 \times 99 + (99/(9 + 9 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 925 &:= (11111 - 11)/(1 + 11) \\
&:= 2/2 + (2 \times (22^2 - 22)) \\
&:= 3/3 + ((33 \times 3^3) + 33) \\
&:= 44 + ((4/4 + 4)^4 + 4^4) \\
&:= 5 \times ((5 \times 5 \times 5 + 55) + 5) \\
&:= 6/6 + (66 \times ((6 + 6)/6 + 6 + 6)) \\
&:= (77 \times (77 + 7) + 7)/7 \\
&:= 888 + 888/(8 + 8 + 8) \\
&:= (((9 + 9)/9)^{9/9+9}) - 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 926 &:= (1 + 11111)/(1 + 11) \\
&:= 2 + (2 \times (22^2 - 22)) \\
&:= 3 + (((33 \times 3^3) - 3/3) + 33) \\
&:= 44 + (((4/4 + 4)^4 + 4^4) + 4/4) \\
&:= (5 \times (55 + 5)) + (5^5 + 5)/5 \\
&:= (6 + 6)/6 + (66 \times ((6 + 6)/6 + 6 + 6)) \\
&:= ((77 \times (77 + 7) + 7) + 7)/7 \\
&:= 8 + (((88 + 88)/8 + 888) + 8) \\
&:= 9 + (999 - (9/9 + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 927 &:= 1 + ((1 + 11111)/(1 + 11)) \\
&:= 2 + ((2 \times (22^2 - 22)) + 2/2) \\
&:= 3 + ((33 \times 3^3) + 33) \\
&:= (4 \times (4^4 - 4)) - (4 - 4/4)^4 \\
&:= (5 \times (55 + 5)) + (5^5 + 5 + 5)/5 \\
&:= 66 + (((6 \times 6/(6 + 6))^6) + 66) + 66 \\
&:= (((77 \times (77 + 7) + 7) + 7) + 7)/7 \\
&:= (8/8 + 8) \times (888/8 - 8) \\
&:= 9 + (999 - 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 928 &:= 1 + (1 + ((1 + 11111)/(1 + 11))) \\
&:= 2 \times ((22^2 - 22) + 2) \\
&:= 3 + (((33 \times 3^3) + 33) + 3/3) \\
&:= 4 \times (4^4 - ((4 \times 4 + 4) + 4)) \\
&:= ((5 + 5)/5)^5 \times (5 \times 5 - 5/5 + 5) \\
&:= ((6 + 6)/6)^6 + (6 \times (6 + 6) \times (6 + 6)) \\
&:= (77/7 \times (7/7 + 77 + 7)) - 7 \\
&:= 8 \times 8 \times (8 + 8) - (88 + 8) \\
&:= 9 + ((999 - 9 \times 9) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 929 &:= ((11 \times ((1 + (1 + 11))^{1+1}) - 1)/(1 + 1)) \\
&:= 2/2 + (2 \times 222 + 22^2) \\
&:= 3^3 + ((33 \times 3^3) + 33/3) \\
&:= (4 \times (4^4 + 4)) - 444/4 \\
&:= 5 + ((5 \times (5 - 5 \times 5)) + (5 - 5/5)^5) \\
&:= 66 + ((6 \times (6 + 6) \times (6 + 6)) - 6/6) \\
&:= 7 + ((77 \times (77 + 7) - (7 + 7))/7) \\
&:= 8/8 + (8 \times 8 \times (8 + 8) - (88 + 8)) \\
&:= 99/9 + (999 - 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 930 &:= (11 - 1) \times (((1 + 1)^{11-1} - 1)/11) \\
&:= 2 + (2 \times 222 + 22^2) \\
&:= 3 + (((33 \times 3^3) + 33) + 3) \\
&:= (4 \times (4^4 + 4)) + ((4 - 444)/4) \\
&:= 5 + ((5 \times (55 + 5)) + 5^5/5) \\
&:= 66 + (6 \times (6 + 6) \times (6 + 6)) \\
&:= 7 + ((77 \times (77 + 7) - 7)/7) \\
&:= (8 - 8/8 + 8) \times (8 \times 8 - ((8 + 8)/8)) \\
&:= 9 + (9 \times (9 \times 9 + 9) + 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 931 &:= (1 + ((11 - 1) \times (1 + 1)^{11-1})) / 11 \\
&:= (2 \times (2 \times 222 + 22)) - 2/2 \\
&:= 3 + (((33 \times 3^3) + 33) + 3/3) + 3 \\
&:= 4 + ((4 \times (4^4 - 4)) - (4 - 4/4)^4) \\
&:= 5 + ((5 \times (55 + 5)) + (5^5 + 5)/5) \\
&:= 66 + ((6 \times (6 + 6) \times (6 + 6)) + 6/6) \\
&:= 7 \times (77 + 7 \times 7 + 7) \\
&:= 8 + (((888 + 88/8) + 8) + 8) + 8 \\
&:= 9 \times 99 + ((9 \times 9 \times 9 - 9) / (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 932 &:= (1 + 1) \times ((1 + 1) \times (11 + (1 + 1) \times 111)) \\
&:= 2 \times (2 \times 222 + 22) \\
&:= (3 \times 333) - (((3/3 + 3)^3) + 3) \\
&:= 4 + (4 \times (4^4 - ((4 \times 4 + 4) + 4))) \\
&:= 5^5/5 + (5^5 - 55)/(5 + 5) \\
&:= 66 + ((6 \times (6 + 6) \times (6 + 6)) + ((6 + 6)/6)) \\
&:= 7 + ((77 \times (77 + 7) + 7)/7) \\
&:= 888 + (88/(8 + 8)/8) \\
&:= 9 \times 99 + ((9 \times 9 \times 9 + 9) / (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 933 &:= 1 + ((1 + 1) \times ((1 + 1) \times (11 + (1 + 1) \times 111))) \\
&:= 2/2 + (2 \times (2 \times 222 + 22)) \\
&:= 3 \times 3 + ((33 \times 3^3) + 33) \\
&:= 4 + ((4 \times (4^4 + 4)) - 444/4) \\
&:= 5^5/5 + ((5^5 + 5) / (5 + 5) - 5) \\
&:= 6 \times 6 \times 6 + (((6 \times 6 / (6 + 6))^6) - (6 + 6)) \\
&:= 7 + (((77 \times (77 + 7) + 7) + 7) / 7) \\
&:= 8 \times 8 + (888 - (88/8 + 8)) \\
&:= 9 + ((99 / ((9 + 9 + 9) / 9)) + 9 \times 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 934 &:= ((1 + 1)^{11}) - (1 + (1 + (1 + 1111))) \\
&:= 2 + (2 \times (2 \times 222 + 22)) \\
&:= 3^{3+3} + ((3 + 3)^3 - 33/3) \\
&:= (4444 - 4) / 4 - (4 \times 44) \\
&:= (55 \times ((55 + 5) / 5) + 5) - 5/5 \\
&:= ((6 + 6) \times (66 + 6 + 6)) - (6 + 6) / 6 \\
&:= (7 \times (((7 + 7) / 7)^7 + 7)) - 77/7 \\
&:= 8 \times 8 \times (8 + 8) - ((8 + 8) / 8 + 88) \\
&:= 9 + (((9 + 9) / 9)^{9/9+9}) - 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 935 &:= ((1 + 1)^{11}) - (1 + (1 + 1111)) \\
&:= 22/2 + (2 \times (22^2 - 22)) \\
&:= (3 \times 333) - ((3/3 + 3)^3) \\
&:= 44/4 \times ((4 - 4/4)^4 + 4) \\
&:= 55 \times (((55 + 5) / 5) + 5) \\
&:= ((6 + 6) \times (66 + 6 + 6)) - 6/6 \\
&:= 77/7 \times (7/7 + 77 + 7) \\
&:= 8 \times 8 \times (8 + 8) - (8/8 + 88) \\
&:= 9 + ((999 - (9/9 + 9 \times 9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 936 &:= ((1 + 1)^{11}) - (1 + 1111) \\
&:= 2 \times (22^2 - 2^{2+2}) \\
&:= (3 \times 3 + 3) \times (3 \times 3^3 - 3) \\
&:= 4 \times 4^4 - (44 + 44) \\
&:= 5/5 + (55 \times (((55 + 5) / 5) + 5)) \\
&:= (6 + 6) \times (66 + 6 + 6) \\
&:= (77 + 7) / 7 \times (7/7 + 77) \\
&:= 8 \times 8 \times (8 + 8) - 88 \\
&:= 9 + ((999 - 9 \times 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 937 &:= ((1 + 1)^{11}) - 1111 \\
&:= 2/2 + (2 \times (22^2 - 2^{2+2})) \\
&:= 3/3 + ((3 \times 3 + 3) \times (3 \times 3^3 - 3)) \\
&:= 4/4 + (4 \times 4^4 - (44 + 44)) \\
&:= 5^5/5 + (5^5 - 5) / (5 + 5) \\
&:= 6/6 + ((6 + 6) \times (66 + 6 + 6)) \\
&:= 7 + (((77 \times (77 + 7) - 7) / 7) + 7) \\
&:= 8/8 + (8 \times 8 \times (8 + 8) - 88) \\
&:= 9 + (((999 - 9 \times 9) + 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 938 &:= 1 + (((1 + 1)^{11}) - 1111) \\
&:= 2 + (2 \times (22^2 - 2^{2+2})) \\
&:= 3 + ((3 \times 333) - ((3/3 + 3)^3)) \\
&:= 4 + ((4444 - 4) / 4 - (4 \times 44)) \\
&:= 5^5/5 + (5^5 + 5) / (5 + 5) \\
&:= (6 + 6) / 6 + ((6 + 6) \times (66 + 6 + 6)) \\
&:= 7 + (7 \times (77 + 7 \times 7 + 7)) \\
&:= (8 + 8) / 8 + (8 \times 8 \times (8 + 8) - 88) \\
&:= 9 + (((99/9) - 9 \times 9) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 939 &:= 1 + (1 + (((1 + 1)^{11}) - 1111)) \\
&:= (((2/2 + 2)^2 + 22)^2) - 22 \\
&:= (3^3 \times (33 + 3)) - 33 \\
&:= 4 \times 4^4 - ((4 - 4/4)^4 + 4) \\
&:= (5^5 + 5) / 5 + (5^5 + 5) / (5 + 5) \\
&:= 6 \times 6 \times 6 + (((6 \times 6 / (6 + 6))^6) - 6) \\
&:= 7 + (((77 \times (77 + 7) + 7) / 7) + 7) \\
&:= 8 \times 8 + 888 - (88 + 8 + 8) / 8 \\
&:= 99 + (999/9 + 9 \times 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 940 &:= 1 + (1 + (1 + (((1 + 1)^{11}) - 1111))) \\
&:= 2 \times (22^2 - 2^{2+2}) + 2 \\
&:= 3/3 + ((3^3 \times (33 + 3)) - 33) \\
&:= (4 \times (4^4 - (4 \times 4 + 4))) - 4 \\
&:= 5 + (55 \times (((55 + 5) / 5) + 5)) \\
&:= 6 + (((6 + 6) \times (66 + 6 + 6)) - ((6 + 6) / 6)) \\
&:= 7 + (((77 \times (77 + 7) + 7) + 7) / 7) + 7) \\
&:= 8 + ((88 / ((8 + 8) / 8)) + 888) \\
&:= 9 \times 99 + ((9 \times 99 - 9) / (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 941 &:= 1111 - (1 + ((1 + (1 + 11))^{1+1})) \\
&:= (2 \times (22^2 - 2)) - (22 + 2/2) \\
&:= 3^{3+3} + ((3 + 3)^3 - (3/3 + 3)) \\
&:= 4/4 + ((4 \times (4^4 - (4 \times 4 + 4))) - 4) \\
&:= 5 + ((55 \times (((55 + 5) / 5) + 5)) + 5/5) \\
&:= 6 + (((6 + 6) \times (66 + 6 + 6)) - 6/6) \\
&:= 7 + ((7 \times (((7 + 7) / 7)^7 + 7)) - (77/7)) \\
&:= 8 \times 8 + (888 - 88/8) \\
&:= 9 \times 99 + ((9 \times 99 + 9) / (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 942 &:= 1111 - ((1 + (1 + 11))^{1+1}) \\
&:= (2 \times (22^2 - 2)) - 22 \\
&:= 3^{3+3} + ((3 + 3)^3 - 3) \\
&:= 4 \times 4^4 - ((4 - 4/4)^4 + 4/4) \\
&:= 5 + ((5^5 - 5) / (5 + 5) + 5^5/5) \\
&:= 6 + ((6 + 6) \times (66 + 6 + 6)) \\
&:= 7 + (77/7 \times (7/7 + 77 + 7)) \\
&:= 8 \times 8 + ((8 - 88) / 8 + 888) \\
&:= (9 \times (99 + 9 + 9)) - 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 943 &:= 1 + (1111 - ((1 + (1 + 11))^{1+1})) \\
&:= 2/2 + ((2 \times (22^2 - 2)) - 22) \\
&:= 3/3 + (((3 + 3)^3 - 3) + 3^{3+3}) \\
&:= 4 \times 4^4 - (4 - 4/4)^4 \\
&:= 5 + ((5^5 + 5) / (5 + 5) + 5^5/5) \\
&:= 6 + (((6 + 6) \times (66 + 6 + 6)) + 6/6) \\
&:= 7 + ((77 + 7) / 7 \times (7/7 + 77)) \\
&:= 8 \times 8 + (888 - (8/8 + 8)) \\
&:= (((9 + 9) / 9)^{9/9+9}) - 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 944 &:= (1 + 1) \times (((11 + 11)^{1+1}) - (1 + 11)) \\
&:= (2 \times 22^2) - (22 + 2) \\
&:= 3^{3+3} + ((3 + 3)^3 - 3/3) \\
&:= 4 \times (4^4 - (4 \times 4 + 4)) \\
&:= (5 - 5/5)^5 - (5 \times 5 + 55) \\
&:= 6 + (((6 + 6) \times (66 + 6 + 6)) + ((6 + 6) / 6)) \\
&:= (7/7 + 7) \times (777/7 + 7) \\
&:= 8 \times 8 + 888 - 8 \\
&:= 999 + ((9 - 999) / (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 945 &:= ((1 + 1) \times (((11 + 11)^{1+1}) - 11)) - 1 \\
&:= (2 \times 22^2) - (22 + 2/2) \\
&:= 3^{3+3} + (3 + 3)^3 \\
&:= 4/4 + (4 \times (4^4 - (4 \times 4 + 4))) \\
&:= (5 \times (5 \times (55 + 5))) - 555 \\
&:= 6 \times 6 \times 6 + ((6 \times 6 / (6 + 6))^6) \\
&:= 7 \times (((7 + 7) / 7)^7 + 7) \\
&:= 8/8 + ((888 - 8) + 8 \times 8) \\
&:= (9 \times (99 + 9)) - (9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 946 &:= (1+1) \times (((11+11)^{1+1}) - 11) \\
&:= (2 \times 22^2) - 22 \\
&:= 3/3 + (3^{3+3} + (3+3)^3) \\
&:= (44 \times ((4 \times 44) - 4)) / (4+4) \\
&:= 55/5 \times (555/5 - 5 \times 5) \\
&:= 6/6 + (((6 \times 6 / (6+6))^6) + 6 \times 6 \times 6) \\
&:= 7/7 + (7 \times (((7+7)/7)^7 + 7)) \\
&:= 88/8 \times (88 - ((8+8)/8)) \\
&:= 9 \times 9 \times (9+9) - (((9+9)/9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 947 &:= 1 + ((1+1) \times (((11+11)^{1+1}) - 11)) \\
&:= 2/2 + ((2 \times 22^2) - 22) \\
&:= 3 + ((3^{3+3} - 3/3) + (3+3)^3) \\
&:= 4 + (4 \times 4^4 - (4 - 4/4)^4) \\
&:= 5 + (((5^5 - 5)/5 + 5) + 5^5/5 + 5) \\
&:= 66/6 + ((6+6) \times (66+6+6)) \\
&:= ((7+7)/7) + (7 \times (((7+7)/7)^7 + 7)) \\
&:= 88/8 + (8 \times 8 \times (8+8) - 88) \\
&:= 9 \times 99 + ((999+9)/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 948 &:= 11 + (((1+1)^{11}) - 1111) \\
&:= 2 + ((2 \times 22^2) - 22) \\
&:= 3 + (3^{3+3} + (3+3)^3) \\
&:= 4 + (4 \times (4^4 - (4 \times 4 + 4))) \\
&:= 5 + (((5^5 + 5)/5 + 5) + 5^5/5 + 5) \\
&:= 6 + (((6+6) \times (66+6+6)) + 6) \\
&:= (77+7)/7 \times ((7+7)/7 + 77) \\
&:= 8 \times 8 + (888 - (8/((8+8)/8))) \\
&:= ((99+9)/9) \times (9 \times 9 - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 949 &:= 1 + (11 + (((1+1)^{11}) - 1111)) \\
&:= 2 + (((2 \times 22^2) - 22) + 2/2) \\
&:= 3 + ((3^{3+3} + (3+3)^3) + 3/3) \\
&:= 4 \times 4^4 - ((44 + 4^4)/4) \\
&:= (5 - 5/5)^5 - (5 \times (5 + 5 + 5)) \\
&:= (6/6 + 6 + 6) \times (66 + 6/6 + 6) \\
&:= 7 + ((77/7 \times (7/7 + 77 + 7)) + 7) \\
&:= (8 \times (8 \times (8+8) - 8)) - 88/8 \\
&:= 9999/9 - 9 \times (9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 950 &:= ((1 + ((11 - 1) \times (1 + 1 + 1)))^{1+1}) - 11 \\
&:= (2 \times (22^2 + 2)) - 22 \\
&:= 3 + (((3^{3+3} - 3/3) + (3+3)^3) + 3) \\
&:= 4 + ((44 \times ((4 \times 44) - 4)) / (4+4)) \\
&:= (5+5) \times (5 \times (5 \times 5 - 5) - 5) \\
&:= (6 \times 6 - (66/6)) \times (((6+6)/6) + 6 \times 6) \\
&:= 77 \times (7+7) - ((7+7)/7)^7 \\
&:= 8 \times 8 + (888 - ((8+8)/8)) \\
&:= 999 + ((9 - 9 \times 99) / (9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 951 &:= 1 + (((1 + ((11 - 1) \times (1 + 1 + 1)))^{1+1}) - 11) \\
&:= 2/2 + ((2 \times (22^2 + 2)) - 22) \\
&:= 3 + ((3^{3+3} + (3+3)^3) + 3) \\
&:= 4 + ((4 \times 4^4 - (4 - 4/4)^4) + 4) \\
&:= 5/5 + ((5+5) \times (5 \times (5 \times 5 - 5) - 5)) \\
&:= 6 + (((6 \times 6 / (6+6))^6) + 6 \times 6 \times 6) \\
&:= 7 + ((7/7 + 7) \times (777/7 + 7)) \\
&:= 8 \times 8 + (888 - 8/8) \\
&:= (9 \times (99+9)) - (((99+9)/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 952 &:= (1+1)^{1+1+1} \times (11^{1+1} - (1+1)) \\
&:= 2 \times (22^2 - 2 \times (2+2)) \\
&:= (3^3 + 3/3) \times (3/3 + 33) \\
&:= (4 \times (4^4 - 4 \times 4)) - 4 - 4 \\
&:= (5 - 5/5) \times (((5 - (5+5)/5)^5) - 5) \\
&:= 6 \times 66 + (6666 + 6) / (6+6) \\
&:= 7 + (7 \times (((7+7)/7)^7 + 7)) \\
&:= 8 \times 8 + 888 \\
&:= (9 \times (99+9)) - (99/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 953 &:= 1 + ((1+1)^{1+1+1} \times (11^{1+1} - (1+1))) \\
&:= (2 \times (22^2 - 2)) - 22/2 \\
&:= ((3+3) \times ((3+3) \times 3^3 - 3)) - 3/3 \\
&:= 4 + (4 \times 4^4 - ((44 + 4^4)/4)) \\
&:= 55 + ((5^5 - 5 - 5)/5 + 5 \times 55) \\
&:= 6 + (((6+6) \times (66+6+6)) + (66/6)) \\
&:= 7 + ((7 \times (((7+7)/7)^7 + 7)) + 7/7) \\
&:= 8/8 + (888 + 8 \times 8) \\
&:= (9 \times (99+9)) - (9/9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 954 &:= (11 - 1 - 1) \times (111 - (1 + (1 + (1 + 1 + 1)))) \\
&:= 2 + (2 \times (22^2 - 2 \times (2+2))) \\
&:= (3+3) \times ((3+3) \times 3^3 - 3) \\
&:= 4 \times 4^4 - (((4^4 + 4) + 4)/4 + 4) \\
&:= 5 + ((5 - 5/5)^5 - (5 \times (5 + 5 + 5))) \\
&:= 666 + 6 \times (6 \times 6 + 6 + 6) \\
&:= 7 \times 7 + (((7+7)/7)^7 + 777) \\
&:= 8 \times 8 + (888 + ((8+8)/8)) \\
&:= (9 \times (99+9)) - (9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 955 &:= 1111 - ((1+11) \times (1 + (1+11))) \\
&:= (2 \times 22^2) - (22/2 + 2) \\
&:= (33 \times 3^3) + ((3/3 + 3)^3) \\
&:= 4 \times 4^4 - ((4^4 + 4)/4 + 4) \\
&:= 5 + ((5+5) \times (5 \times (5 \times 5 - 5) - 5)) \\
&:= (((6 \times 6 - 6) + 6/6)^{6+6}/6) - 6 \\
&:= 7 + ((77+7)/7 \times ((7+7)/7 + 77)) \\
&:= 8 \times 8 + (888 - 8 + 88/8) \\
&:= 9/9 + ((9 \times (99+9)) - (9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 956 &:= 1111 - (11 + ((1+11)^{1+1})) \\
&:= 2 \times (22^2 - (2 + 2 + 2)) \\
&:= 3^{3+3} + ((3+3)^3 + 33/3) \\
&:= (4 \times (4^4 - 4 \times 4)) - 4 \\
&:= 55 + ((5^5 + 5)/5 + 5 \times 55) \\
&:= 6 + ((6 \times 6 - (66/6)) \times (((6+6)/6) + 6 \times 6)) \\
&:= 77/7 + (7 \times (((7+7)/7)^7 + 7)) \\
&:= (88 \times 88 - (88+8))/8 \\
&:= (9+9)/9 + ((9 \times (99+9)) - (9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 957 &:= 11 \times (111 - ((1+1) \times (1+11))) \\
&:= (2 \times 22^2) - 22/2 \\
&:= 33 \times ((3^3 - 3/3) + 3) \\
&:= 4/4 + ((4 \times (4^4 - 4 \times 4)) - 4) \\
&:= 55/5 \times (((5+5)/5)^5 + 55) \\
&:= 6 + (((6 \times 6 / (6+6))^6) + 6 \times 6 \times 6 + 6) \\
&:= 7 + (77 \times (7+7) - ((7+7)/7)^7) \\
&:= 88/8 \times (88 - 8/8) \\
&:= 99/9 \times (99 - ((99+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 958 &:= 1 + (11 \times (111 - ((1+1) \times (1+11)))) \\
&:= (2 \times (22^2 - (2+2))) - 2 \\
&:= 3 + ((33 \times 3^3) + ((3/3 + 3)^3)) \\
&:= 4 \times 4^4 - (((4^4 + 4) + 4)/4) \\
&:= (5 - 5/5)^5 - (55/5 + 55) \\
&:= (((6+6)/6)^{66-6}/6) - 66 \\
&:= (77 \times 77 + 777)/7 \\
&:= (8 \times (8 \times (8+8) - 8)) - (8+8)/8 \\
&:= 9 + (9999/9 - 9 \times (9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 959 &:= ((1+1)^{11}) - ((11 \times (1+1+1))^{1+1}) \\
&:= 2 + ((2 \times 22^2) - 22/2) \\
&:= ((3^3 + 3) \times (33 - 3/3)) - 3/3 \\
&:= 4 \times 4^4 - (4^4 + 4)/4 \\
&:= (5 - 5/5)^5 - (55 + 5 + 5) \\
&:= (6/6 + 6) \times ((66 - 6/6 + 66) + 6) \\
&:= 77 + 7 \times (77 + 7 \times 7) \\
&:= (8 \times (8 \times (8+8) - 8)) - 8/8 \\
&:= 999 + ((9 - 9 \times 9 \times 9) / (9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 960 &:= (1+11) \times ((11 - 1 - 1)^{1+1} - 1) \\
&:= 2 \times (22^2 - (2+2)) \\
&:= (3^3 + 3) \times (33 - 3/3) \\
&:= 4 \times (4^4 - 4 \times 4) \\
&:= (5 \times 5 + 5) \times ((5+5)/5)^5 \\
&:= (6 - 66) \times (((6 - 66)/6) - 6) \\
&:= 7/7 + (7 \times (77 + 7 \times 7) + 77) \\
&:= 8 \times (8 \times (8+8) - 8) \\
&:= (9 - 9/9) \times (999/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 961 &:= (1 + ((11 - 1) \times (1 + 1 + 1)))^{1+1} \\
&:= ((2/2 + 2)^2 + 22)^2 \\
&:= (3^3 + 3/3 + 3)^{3-3/3} \\
&:= 4/4 + (4 \times (4^4 - 4 \times 4)) \\
&:= ((5 \times 5 + 5/5) + 5)^{(5+5)/5} \\
&:= ((6 \times 6 - 6) + 6/6)^{(6+6)/6} \\
&:= (7 \times 7 - (77/7 + 7))^{(7+7)/7} \\
&:= 8/8 + (8 \times (8 \times (8 + 8) - 8)) \\
&:= (9 \times (99 + 9)) - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 962 &:= 1 + ((1 + ((11 - 1) \times (1 + 1 + 1)))^{1+1}) \\
&:= (2 \times (22^2 - 2)) - 2 \\
&:= (33 \times 3^3) + (((3 + 3)^3 - 3)/3) \\
&:= (4 + 4)/4 + (4 \times (4^4 - 4 \times 4)) \\
&:= (5 \times 5 + 5/5) \times (((5 + 5)/5)^5 + 5) \\
&:= 6/6 + (((6 \times 6 - 6) + 6/6)^{(6+6)/6}) \\
&:= (7 + 7) \times (77 - 7) - (77/7 + 7) \\
&:= (8 + 8)/8 + (8 \times (8 \times (8 + 8) - 8)) \\
&:= (9 \times (99 + 9)) - 9/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 963 &:= 1 + (1 + ((1 + ((11 - 1) \times (1 + 1 + 1)))^{1+1})) \\
&:= (2 \times (22^2 - 2)) - 2/2 \\
&:= 3 \times (333 - (3 \times 3 + 3)) \\
&:= 4 + (4 \times 4^4 - (4^4 + 4)/4) \\
&:= (5 - 5/5)^5 - ((55 + 5/5) + 5) \\
&:= 6 \times 6 \times 6 \times 6 - 666 \times 6/(6 + 6) \\
&:= 7 + ((7 \times ((7 + 7)/7)^7 + 7) + (77/7)) \\
&:= 8 \times 8 + (888 + 88/8) \\
&:= (9 \times (99 + 9)) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 964 &:= (1 + 1) \times (((11 + 11)^{1+1}) - (1 + 1)) \\
&:= 2 \times (22^2 - 2) \\
&:= ((3 \times 3 + 3/3)^3) - (33 + 3) \\
&:= 4 + (4 \times (4^4 - 4 \times 4)) \\
&:= (5 - 5/5)^5 - (55 + 5) \\
&:= 6 + (((6 + 6)/6)^{(66-6)/6} - 66) \\
&:= 7777/7 - 7 \times (7 + 7 + 7) \\
&:= 8 + ((88 \times 88 - (88 + 8))/8) \\
&:= 9/9 + ((9 \times (99 + 9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 965 &:= ((1 + 1) \times (((11 + 11)^{1+1}) - 1)) - 1 \\
&:= 2/2 + (2 \times (22^2 - 2)) \\
&:= (3 \times 333) - (3/3 + 33) \\
&:= 4 + ((4 \times (4^4 - 4 \times 4)) + 4/4) \\
&:= 5 + ((5 \times 5 + 5) \times ((5 + 5)/5)^5) \\
&:= 66 + ((6 \times ((6 + 6) \times (6 + 6) + 6)) - 6/6) \\
&:= 7 + ((77 \times 77 + 777)/7) \\
&:= 8 + (88/8 \times (88 - 8/8)) \\
&:= (9 + 9)/9 + ((9 \times (99 + 9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 966 &:= (1 + 1) \times (((11 + 11)^{1+1}) - 1) \\
&:= (2 \times 22^2) - 2 \\
&:= (3 \times 333) - 33 \\
&:= (44 \times 44 - 4)/(4 + 4)/4 \\
&:= 5 + (((5 \times 5 + 5/5) + 5)^{(5+5)/5}) \\
&:= 66 + (6 \times ((6 + 6) \times (6 + 6) + 6)) \\
&:= (7 + 7) \times (77 - (7/7 + 7)) \\
&:= (88 \times 88 - (8 + 8))/8 \\
&:= 999 - (99/((9 + 9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 967 &:= 1111 - ((1 + 11)^{1+1}) \\
&:= (2 \times 22^2) - 2/2 \\
&:= ((3 \times 3 + 3/3)^3) - 33 \\
&:= ((44 \times (44 + 44)) - 4)/4 \\
&:= (5 - 5/5)^5 - ((5 + 5)/5 + 55) \\
&:= 6 + (((6 \times 6 - 6) + 6/6)^{(6+6)/6}) \\
&:= 77 \times (7 + 7) - 777/7 \\
&:= (88 \times 88 - 8)/8 \\
&:= (9 \times (99 + 9)) + ((9 - 99)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 968 &:= (1 + 1) \times ((11 + 11)^{1+1}) \\
&:= 2 \times 22^2 \\
&:= (3/3 + 3) \times ((3^{3+3} - 3)/3) \\
&:= 4 + ((4 \times (4^4 - 4 \times 4)) + 4) \\
&:= (5 - 5/5)^5 - (55 + 5/5) \\
&:= (66/6) \times (((66 + 66)/6) + 66) \\
&:= (7/7 + 7) \times (((7 + 7)/7)^7 - 7) \\
&:= 88 \times (88/8) \\
&:= 99/9 \times (99 - (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 969 &:= 1 + ((1 + 1) \times ((11 + 11)^{1+1})) \\
&:= 2/2 + (2 \times 22^2) \\
&:= (3^3 \times (33 + 3)) - 3 \\
&:= 4 \times 4^4 - (44/4 + 44) \\
&:= (5 - 5/5)^5 - 55 \\
&:= (6 \times 6 \times (6 \times 6 - 6)) - 666/6 \\
&:= (7 + 7) \times (77 - 7) - 77/7 \\
&:= (88 \times 88 + 8)/8 \\
&:= (9 \times (99 + 9)) - (9 + 9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 970 &:= (1 + 1) \times (1 + ((11 + 11)^{1+1})) \\
&:= 2 + (2 \times 22^2) \\
&:= 3 + (((3 \times 3 + 3/3)^3) - 33) \\
&:= (44 \times 44 + 4)/(4 + 4)/4 \\
&:= 5/5 + ((5 - 5/5)^5 - 55) \\
&:= ((6 - 666)/6) + (6 \times 6 \times (6 \times 6 - 6)) \\
&:= ((7 - 77)/7) + (7 + 7) \times (77 - 7) \\
&:= ((88 \times 88 + 8) + 8)/8 \\
&:= (9 \times (99 + 9)) - (9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 971 &:= 1 + ((1 + 1) \times (1 + ((11 + 11)^{1+1}))) \\
&:= 2 + ((2 \times 22^2) + 2/2) \\
&:= (3^3 \times (33 + 3)) - 3/3 \\
&:= 44/4 + (4 \times (4^4 - 4 \times 4)) \\
&:= ((5 - 5/5)^{5+5}) - 5^5 \\
&:= ((6 + 6 + 6) \times (66 - (6 + 6))) - 6/6 \\
&:= (7 + 7) \times (77 - 7) - ((7 + 7)/7 + 7) \\
&:= 88/8 + (8 \times (8 \times (8 + 8) - 8)) \\
&:= (9 \times (99 + 9)) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 972 &:= (1 + 11) \times (11 - 1 - 1)^{1+1} \\
&:= 2 \times (22^2 + 2) \\
&:= 3^3 \times (33 + 3) \\
&:= 4 \times ((4 - 4/4)^{4+4/4}) \\
&:= (5 - 5/5) \times ((5 - (5 + 5)/5)^5) \\
&:= (6 + 6 + 6) \times (66 - (6 + 6)) \\
&:= (7 + 7) \times (77 - 7) - (7/7 + 7) \\
&:= 88 + (888 - (8/((8 + 8)/8))) \\
&:= 9 \times (99 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 973 &:= 1 + ((1 + 11) \times (11 - 1 - 1)^{1+1}) \\
&:= 2/2 + (2 \times (22^2 + 2)) \\
&:= 3/3 + (3^3 \times (33 + 3)) \\
&:= 4 + (4 \times 4^4 - (44/4 + 44)) \\
&:= 5 + ((5 - 5/5)^5 - (55 + 5/5)) \\
&:= 6/6 + ((6 + 6 + 6) \times (66 - (6 + 6))) \\
&:= (7 + 7) \times (77 - 7) - 7 \\
&:= 8 + ((88/8 \times (88 - 8/8)) + 8) \\
&:= 9/9 + (9 \times (99 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 974 &:= 1 + (1 + ((1 + 11) \times (11 - 1 - 1)^{1+1})) \\
&:= 2 + (2 \times (22^2 + 2)) \\
&:= 3 + ((3^3 \times (33 + 3)) - 3/3) \\
&:= 4 + ((44 \times 44 + 4)/(4 + 4)/4) \\
&:= 5 + ((5 - 5/5)^5 - 55) \\
&:= (6 + 6)/6 + ((6 + 6 + 6) \times (66 - (6 + 6))) \\
&:= 7/7 + ((7 + 7) \times (77 - 7) - 7) \\
&:= 8 + ((88 \times 88 - (8 + 8))/8) \\
&:= (9 + 9)/9 + (9 \times (99 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 975 &:= 111 + (((1 + 11)^{1+1+1})/(1 + 1)) \\
&:= 2 + ((2 \times (22^2 + 2)) + 2/2) \\
&:= 3 + (3^3 \times (33 + 3)) \\
&:= 4 \times 4^4 - ((44 + 4/4) + 4) \\
&:= 5 \times ((5 \times 5 \times (5 + 5)) - 55) \\
&:= 666/6 + (6 \times (6 + 6) \times (6 + 6)) \\
&:= 7 + ((7/7 + 7) \times (((7 + 7)/7)^7 - 7)) \\
&:= 8 + ((88 \times 88 - 8)/8) \\
&:= (9 \times (99 + 9)) + ((9 + 9 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 976 &:= (1+1)^{1+1+1} \times (1+11^{1+1}) \\
&:= 2 \times (22^2 + 2 + 2) \\
&:= 3 + ((3^3 \times (33+3)) + 3/3) \\
&:= 4 \times ((4^4 - 4 \times 4) + 4) \\
&:= 5 + (((5-5/5)^{5/5+5}) - 5^5) \\
&:= ((6+6)/6+6) \times ((666+66)/6) \\
&:= 7 + ((7+7) \times (77-7) - (77/7)) \\
&:= 88 + 888 \\
&:= 999 - ((99+99+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 977 &:= 1 + (1+1)^{1+1+1} \times (1+11^{1+1}) \\
&:= 2/2 + (2 \times (22^2 + 2 + 2)) \\
&:= 3 + (((3^3 \times (33+3)) - 3/3) + 3) \\
&:= 4/4 + (4 \times ((4^4 - 4 \times 4) + 4)) \\
&:= 5 + ((5-5/5) \times ((5 - (5+5)/5)^5)) \\
&:= 6 + (((6+6+6) \times (66 - (6+6))) - 6/6) \\
&:= (7+7) \times (77-7) - (7+7+7)/7 \\
&:= 8 + ((88 \times 88 + 8)/8) \\
&:= 999 - ((99+99)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 978 &:= 1111 - (1+11 \times (1+11)) \\
&:= 2 + (2 \times (22^2 + 2 + 2)) \\
&:= 3 + ((3^3 \times (33+3)) + 3) \\
&:= 4 \times 4^4 - ((4+4)/4 + 44) \\
&:= 5 + (((5-5/5)^5 - (55+5/5)) + 5) \\
&:= 6 + ((6+6+6) \times (66 - (6+6))) \\
&:= (7+7) \times (77-7) - (7+7)/7 \\
&:= 8 + (((88 \times 88 + 8) + 8)/8) \\
&:= 999 - (((99+9)/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 979 &:= 11 \times (111 - 11 - 11) \\
&:= 22/2 + (2 \times 22^2) \\
&:= (3 \times (333 - 3)) - 33/3 \\
&:= 4 \times 4^4 - (44 + 4/4) \\
&:= 5 + (((5-5/5)^5 - 55) + 5) \\
&:= (6666/6) - (66 + 66) \\
&:= (7+7) \times (77-7) - 7/7 \\
&:= 88/8 \times (8/8 + 88) \\
&:= 999 - (99/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 980 &:= 1 + 11 \times (111 - 11 - 11) \\
&:= 2 \times ((22^2 + 2 + 2) + 2) \\
&:= (3 \times (333 - (3+3))) - 3/3 \\
&:= 4 \times 4^4 - 44 \\
&:= 5 + (5 \times ((5 \times 5 \times (5+5)) - 55)) \\
&:= (6 \times 6 - 6/6) \times (((66+66)/6) + 6) \\
&:= (7+7) \times (77-7) \\
&:= ((88 \times 88 + 88) + 8)/8 \\
&:= 9 + ((9 \times (99+9)) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 981 &:= (11-1-1) \times (111-1-1) \\
&:= 2 + ((2 \times 22^2) + 22/2) \\
&:= 3 \times (333 - (3+3)) \\
&:= 4/4 + (4 \times 4^4 - 44) \\
&:= (5555/5) - (5 \times 5 \times 5 + 5) \\
&:= 6 \times (6 \times 6 + 6) + ((6 \times 6)/(6+6))^6 \\
&:= 7/7 + (7+7) \times (77-7) \\
&:= (8/8+8) \times ((888 - (8+8))/8) \\
&:= 9 + (9 \times (99+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 982 &:= 1 + (11-1-1) \times (111-1-1) \\
&:= 2 + (2 \times ((22^2 + 2 + 2) + 2)) \\
&:= 3/3 + (3 \times (333 - (3+3))) \\
&:= (4+4)/4 + (4 \times 4^4 - 44) \\
&:= 5 + (((5-5/5) \times ((5 - (5+5)/5)^5)) + 5) \\
&:= (((6+6)/6)^{(66-6)/6}) - (6 \times 6 + 6) \\
&:= ((7+7)/7) + (7+7) \times (77-7) \\
&:= 8 + (((88 \times 88 - (8+8))/8) + 8) \\
&:= 9 + ((9 \times (99+9)) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 983 &:= 1 + 1 + (11-1-1) \times (111-1-1) \\
&:= 22/2 + (2 \times (22^2 + 2)) \\
&:= 33/3 + (3^3 \times (33+3)) \\
&:= 4 + 4 \times 4^4 - (44 + 4/4) \\
&:= (5-5/5)^5 - ((55/5+5 \times 5) + 5) \\
&:= 66/6 + ((6+6+6) \times (66 - (6+6))) \\
&:= ((7+7+7)/7) + (7+7) \times (77-7) \\
&:= 8 + (((88 \times 88 - 8)/8) + 8) \\
&:= 99/9 + (9 \times (99+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 984 &:= (1+11) \times (1 + (11-1-1)^{1+1}) \\
&:= 2 \times (2 \times (2+2) + 22^2) \\
&:= 3 + (3 \times (333 - (3+3))) \\
&:= 4 + (4 \times 4^4 - 44) \\
&:= 5 + (((5-5/5)^5 - 55) + 5) + 5) \\
&:= 6 + (((6+6+6) \times (66 - (6+6))) + 6) \\
&:= 77/7 + ((7+7) \times (77-7) - 7) \\
&:= 8 + (888 + 88) \\
&:= (9 \times (99+9)) + (99+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 985 &:= 1 + (1+11) \times (1 + (11-1-1)^{1+1}) \\
&:= 2 + ((2 \times (22^2 + 2)) + 22/2) \\
&:= (3 \times 333) - (33/3 + 3) \\
&:= 4 + ((4 \times 4^4 - 44) + 4/4) \\
&:= 5 + (5 \times ((5 \times 5 \times (5+5)) - 55)) + 5) \\
&:= 6 + ((6666/6) - (66 + 66)) \\
&:= 7 + ((7+7) \times (77-7) - ((7+7)/7)) \\
&:= 8 + (((88 \times 88 + 8)/8) + 8) \\
&:= 9 \times 9 \times 9 + (((9+9)/9)^{9-9/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 986 &:= (11-1)^{1+1+1} - 1 - 1 - 1 - 11 \\
&:= 22 + (2 \times (22^2 - 2)) \\
&:= (3 \times (333 - 3)) - (3/3 + 3) \\
&:= 4 + (((4+4)/4 - 44) + 4 \times 4^4) \\
&:= (5555/5) - 5 \times 5 \times 5 \\
&:= ((66/6) + 6) \times (((6+6)/6)^6 - 6) \\
&:= 7 + ((7+7) \times (77-7) - 7/7) \\
&:= 8 + (((88 \times 88 + 8) + 8)/8) + 8) \\
&:= 999 - ((99+9+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 987 &:= (11-1)^{1+1+1} - 1 - 1 - 11 \\
&:= 22 + ((2 \times (22^2 - 2)) + 2/2) \\
&:= (3 \times (333 - 3)) - 3 \\
&:= (4 \times (4^4 - 4 - 4)) - (4/4 + 4) \\
&:= (5-5/5)^5 - (((5+5)/5)^5 + 5) \\
&:= ((66 \times (6 \times 6 - 6)) - 6)/(6+6)/6) \\
&:= 7 + (7+7) \times (77-7) \\
&:= 8 + (88/8 \times (8/8 + 88)) \\
&:= 999 - (99+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 988 &:= (11-1)^{1+1+1} - 1 - 11 \\
&:= 22 + ((2 \times 22^2) - 2) \\
&:= (3 \times 333) - 33/3 \\
&:= (4 \times (4^4 - 4 - 4)) - 4 \\
&:= (5-5/5)^5 - (55/5 + 5 \times 5) \\
&:= (((6+6)/6)^{(66-6)/6}) - 6 \times 6 \\
&:= 7 + ((7+7) \times (77-7) + 7/7) \\
&:= 8 + (((88 \times 88 + 88) + 8)/8) \\
&:= 999 - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 989 &:= (11-1)^{1+1+1} - 11 \\
&:= 22 + ((2 \times 22^2) - 2/2) \\
&:= (3 \times (333 - 3)) - 3/3 \\
&:= 4/4 + ((4 \times (4^4 - 4 - 4)) - 4) \\
&:= (5-5/5)^5 - ((5 \times 5 + 5) + 5) \\
&:= 666 + ((6 \times (66 - (6+6))) - 6/6) \\
&:= 7 + ((7+7) \times (77-7) + ((7+7)/7)) \\
&:= 888 + (8888/88) \\
&:= 999 - 9/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 990 &:= (11-1-1) \times (111-1) \\
&:= 22 + (2 \times 22^2) \\
&:= 3 \times (333 - 3) \\
&:= (4 \times (4^4 - 4 - 4)) - (4+4)/4 \\
&:= (5+5) \times (5 \times (5 \times 5 - 5) - 5/5) \\
&:= 6 \times ((66 \times (6 \times 6 - 6))/(6+6)) \\
&:= 77/7 \times ((77-7/7+7) + 7) \\
&:= 88/8 \times ((8+8)/8 + 88) \\
&:= 999 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 991 &:= 1 + (11 - 1 - 1) \times (111 - 1) \\
&:= 22 + ((2 \times 22^2) + 2/2) \\
&:= 3/3 + (3 \times (333 - 3)) \\
&:= (4 \times (4^4 - 4 - 4)) - 4/4 \\
&:= 5 + ((5555/5) - 5 \times 5 \times 5) \\
&:= 6/6 + ((6 \times (66 - (6 + 6))) + 666) \\
&:= 77/7 + (7 + 7) \times (77 - 7) \\
&:= 888 + (888/8 - 8) \\
&:= 9/9 + (999 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 992 &:= 1 + 1 + (11 - 1 - 1) \times (111 - 1) \\
&:= 2 + ((2 \times 22^2) + 22) \\
&:= 3 + ((3 \times (333 - 3)) - 3/3) \\
&:= 4 \times (4^4 - 4 - 4) \\
&:= (5 - 5/5)^5 - ((5 + 5)/5)^5 \\
&:= 6 + (((66/6) + 6) \times (((6 + 6)/6)^6 - 6)) \\
&:= (77 + 7)/7 + (7 + 7) \times (77 - 7) \\
&:= 8 + ((888 + 88) + 8) \\
&:= (9 + 9)/9 + (999 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 993 &:= 1 + 1 + 1 + (11 - 1 - 1) \times (111 - 1) \\
&:= 2 + (((2 \times 22^2) + 22) + 2/2) \\
&:= 3 + (3 \times (333 - 3)) \\
&:= 4/4 + (4 \times (4^4 - 4 - 4)) \\
&:= (5 - 5/5)^5 - ((5 \times 5 + 5/5) + 5) \\
&:= ((66 \times (6 \times 6 - 6)) + 6)/((6 + 6)/6) \\
&:= 7 + (((7 + 7) \times (77 - 7) - 7/7) + 7) \\
&:= 8 + (((88 \times 88 + 8)/8) + 8) + 8) \\
&:= 999 + (((9 + 9 + 9)/9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 994 &:= (1 + 1)^{11-1} - (11 - 1) \times (1 + 1 + 1) \\
&:= 22 + (2 \times (22^2 + 2)) \\
&:= ((3 \times 3 + 3/3)^3) - (3 + 3) \\
&:= (4 + 4)/4 + (4 \times (4^4 - 4 - 4)) \\
&:= (5 - 5/5)^5 - (5 \times 5 + 5) \\
&:= (((66 - 6)/6)^{6 \times 6/(6+6)}) - 6 \\
&:= 7 + ((7 + 7) \times (77 - 7) + 7) \\
&:= 8 + (((88 \times 88 + 8)/8) + 8) + 8) \\
&:= 999 + ((9 - 99)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 995 &:= (11 - 1)^{1+1+1} - 1 - 1 - 1 - 1 - 1 \\
&:= 22 + ((2 \times (22^2 + 2)) + 2/2) \\
&:= (3 \times 333) - (3/3 + 3) \\
&:= 4 + ((4 \times (4^4 - 4 - 4)) - 4/4) \\
&:= (5 \times (5 + 5) \times (5 \times 5 - 5)) - 5 \\
&:= 666 + (6 \times 66 - (66 + 6/6)) \\
&:= 7 + (((7 + 7) \times (77 - 7) + 7/7) + 7) \\
&:= 8 + ((88/8 \times (8/8 + 88)) + 8) \\
&:= 999 + ((9 - 9 \times 9)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 996 &:= (1 + 1 + 1) \times ((1 + 1 + 1) \times 111 - 1) \\
&:= 2 + ((2 \times (22^2 + 2)) + 22) \\
&:= (3 \times 333) - 3 \\
&:= 4 + (4 \times (4^4 - 4 - 4)) \\
&:= 5/5 + ((5 \times (5 + 5) \times (5 \times 5 - 5)) - 5) \\
&:= (6 + 6) \times (66/6 + 66 + 6) \\
&:= (77 + 7)/7 \times (77 - 7/7 + 7) \\
&:= 8 \times 8 \times 8 + 88 \times 88/(8 + 8) \\
&:= 999 - (9 + 9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 997 &:= (11 - 1)^{1+1+1} - (1 + 1 + 1) \\
&:= ((2/2 + 2)^2 \times 222/2) - 2 \\
&:= ((3 \times 3 + 3/3)^3) - 3 \\
&:= (4 \times (4^4 - 4)) - 44/4 \\
&:= 5 + ((5 - 5/5)^5 - ((5 + 5)/5)^5) \\
&:= 6 \times 6 + (((6 \times 6 - 6) + 6/6)^{6+6}/6) \\
&:= (((77 + 7)^{(7+7)/7}) - 77)/7 \\
&:= 888 + ((888 - (8 + 8))/8) \\
&:= 999 - (9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 998 &:= (11 - 1)^{1+1+1} - 1 - 1 \\
&:= 22 + (2 \times (22^2 + 2 + 2)) \\
&:= (3 \times 333) - 3/3 \\
&:= (4 \times (4^4 - 4)) + (4 - 44)/4 \\
&:= (5 - 5/5)^5 - (5 \times 5 + 5/5) \\
&:= 666 + (6 \times 66 - ((6 + 6)/6)^6) \\
&:= 7 + ((7 + 7) \times (77 - 7) + (77/7)) \\
&:= 888 + ((888 - 8)/8) \\
&:= 999 - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 999 &:= 111 \times (11 - 1 - 1) \\
&:= (2/2 + 2)^2 \times 222/2 \\
&:= 3 \times 333 \\
&:= ((4/4 + 4) + 4) \times 444/4 \\
&:= (5 - 5/5)^5 - 5 \times 5 \\
&:= (6 \times 666)/(6 - ((6 + 6)/6)) \\
&:= ((7 + 7)/7 + 7) \times 777/7 \\
&:= 888 + 888/8 \\
&:= 999
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1000 &:= (11 - 1)^{1+1+1} \\
&:= 2 \times (2^{2+2} + 22^2) \\
&:= (3 \times 3 + 3/3)^3 \\
&:= (4 \times (4^4 - 4)) - 4 - 4 \\
&:= 5 \times (5 + 5) \times (5 \times 5 - 5) \\
&:= (((66 - 6)/6)^{6 \times 6/(6+6)}) \\
&:= (((77 - 7)/7)^{(7+7+7)/7}) \\
&:= 8 \times 8 \times (8 + 8) - 8 - 8 - 8 \\
&:= 9/9 + 999
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1001 &:= 1 + (11 - 1)^{1+1+1} \\
&:= ((2^{22/2} - 2)/2) - 22 \\
&:= 3 + (3 \times 333 - 3/3) \\
&:= 4 + (4 \times (4^4 - 4) - 44/4) \\
&:= 5/5 + 5 \times (5 + 5) \times (5 \times 5 - 5) \\
&:= (6/6 + 6) \times ((6 + 6) \times (6 + 6) - 6/6) \\
&:= 77 \times (7 - 7/7 + 7) \\
&:= 8/8 + (8 \times 8 \times (8 + 8) - (8 + 8 + 8)) \\
&:= (9 + 9)/9 + 999
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1002 &:= 1 + 1 + (11 - 1)^{1+1+1} \\
&:= 2^{2 \times (2+2)+2} - 22 \\
&:= 3 + 3 \times 333 \\
&:= 4 \times 4^4 - (44/((4 + 4)/4)) \\
&:= (5 + 5)/5 + 5 \times (5 + 5) \times (5 \times 5 - 5) \\
&:= 66 + ((6 + 6) \times (66 + 6 + 6)) \\
&:= 7/7 + 77 \times (7 - 7/7 + 7) \\
&:= ((8 + 8)/8) \times (8 \times 8 \times 8 - 88/8) \\
&:= 999 + ((9 + 9 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1003 &:= 1 + 1 + 1 + (11 - 1)^{1+1+1} \\
&:= (2^{22/2} + 2)/2 - 22 \\
&:= 3 + ((3 \times 3 + 3/3)^3) \\
&:= 4 \times (4^4 - 4) - (4/4 + 4) \\
&:= 5 + ((5 - 5/5)^5 - (5 \times 5 + 5/5)) \\
&:= (66/6 + 6) \times (66 - (6/6 + 6)) \\
&:= ((7 + 7)/7) + 77 \times (7 - 7/7 + 7) \\
&:= 8 + ((88/8 \times (8/8 + 88) + 8) + 8) \\
&:= 999 + ((9 \times 9 - 9)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1004 &:= 1 + 1 + 1 + 1 + (11 - 1)^{1+1+1} \\
&:= 2 + 2^{2 \times (2+2)+2} - 22 \\
&:= 3 + ((3 \times 333 - 3/3) + 3) \\
&:= 4 \times (4^4 - 4) - 4 \\
&:= 5 + ((5 - 5/5)^5 - 5 \times 5) \\
&:= (6 - ((6 + 6)/6)) \times (6 \times (6 \times 6 + 6) - 6/6) \\
&:= 7 + (((77 + 7)^{(7+7)/7}) - 77)/7 \\
&:= 8 \times 8 \times (8 + 8) - ((88 + 8)/8 + 8) \\
&:= 999 + ((9 \times 9 + 9)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1005 &:= 1 + 1 + 1 + 1 + 1 + (11 - 1)^{1+1+1} \\
&:= (2 + 2^{22/2} + 2)/2 - 22 \\
&:= 3 + (3 \times 333 + 3) \\
&:= 4/4 + (4 \times (4^4 - 4) - 4) \\
&:= 5 + 5 \times (5 + 5) \times (5 \times 5 - 5) \\
&:= 6 + ((6 \times 666)/(6 - ((6 + 6)/6))) \\
&:= 7 + (((7 + 7) \times (77 - 7) + (77/7)) + 7) \\
&:= 8 \times 8 \times (8 + 8) - (88/8 + 8) \\
&:= 9 + (999 - ((9 + 9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1006 &:= (11 - 1 - 1) \times (1 + 111) - 1 - 1 \\
&:= (2 \times ((22^2 - 2) + 22)) - 2 \\
&:= 3 + (((3 \times 3 + 3/3)^3) + 3) \\
&:= 4 \times (4^4 - 4) - (4 + 4)/4 \\
&:= 5 + (5 \times (5 + 5) \times (5 \times 5 - 5) + 5/5) \\
&:= 6 + (((66 - 6)/6)^{6 \times 6/(6+6)}) \\
&:= 7 + (((7 + 7)/7 + 7) \times 777/7) \\
&:= 8 + ((888 - 8)/8 + 888) \\
&:= 9 + (999 - ((9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1007 &:= (11 - 1 - 1) \times (1 + 111) - 1 \\
&:= (2^{22/2} - 2)/2 - 2^{2+2} \\
&:= (3 \times (333 + 3)) - 3/3 \\
&:= 4 \times (4^4 - 4) - 4/4 \\
&:= (5 - 5/5)^5 - (((55 + 5)/5) + 5) \\
&:= 6 \times 6 \times 6 + (66 \times (6 + 6) - 6/6) \\
&:= (((77 + 7)^{(7+7)/7}) - 7)/7 \\
&:= 8 + (888/8 + 888) \\
&:= 9 + (999 - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1008 &:= (11 - 1 - 1) \times (1 + 111) \\
&:= 2 \times (22^2 - 2 + 22) \\
&:= 3 \times (333 + 3) \\
&:= 4 \times (4^4 - 4) \\
&:= (5 - 5/5)^5 - (55/5 + 5) \\
&:= 6 \times ((6 \times 6 + 66) + 66) \\
&:= 7 + 77 \times (7 - 7/7 + 7) \\
&:= (8 + 8) \times (8 \times 8 - 8/8) \\
&:= 9 + 999
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1009 &:= 1 + (11 - 1 - 1) \times (1 + 111) \\
&:= 2/2 + 2 \times (22^2 - 2 + 22) \\
&:= 3 \times 3 + ((3 \times 3 + 3/3)^3) \\
&:= 4/4 + 4 \times (4^4 - 4) \\
&:= (5 - 5/5)^5 - (5 + 5 + 5) \\
&:= 6/6 + (66 \times (6 + 6) + 6 \times 6 \times 6) \\
&:= (((77 + 7)^{(7+7)/7}) + 7)/7 \\
&:= 8/8 + ((8 + 8) \times (8 \times 8 - 8/8)) \\
&:= 9 + (999 + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1010 &:= (11111 - 1)/11 \\
&:= 2 \times (22^2 + 22) - 2 \\
&:= 33/3 + 3 \times 333 \\
&:= (4 + 4)/4 + 4 \times (4^4 - 4) \\
&:= 5 + (5 \times (5 + 5) \times (5 \times 5 - 5) + 5) \\
&:= 6 \times 6 \times 6 + (66 \times (6 + 6) + ((6 + 6)/6)) \\
&:= ((7 + 7)/7)^7 + 7 \times (77 + 7 \times 7) \\
&:= 888 + ((888 + 88)/8) \\
&:= 99/9 + 999
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1011 &:= 11 + (11 - 1)^{1+1+1} \\
&:= 2 \times (22^2 + 22) - 2/2 \\
&:= 3 + (3 \times (333 + 3)) \\
&:= 4 + (4 \times (4^4 - 4) - 4/4) \\
&:= 5 \times 55 + (555 + 5^5)/5 \\
&:= 6 + (((6 \times 666)/(6 - ((6 + 6)/6))) + 6) \\
&:= 7 \times 7 \times (7 + 7 + 7) - (77/7 + 7) \\
&:= 8 \times 8 \times (8 + 8) - (88 + 8 + 8)/8 \\
&:= 999 + (99 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1012 &:= (1 + 1)^{11-1} - 1 - 11 \\
&:= 2 \times (22^2 + 22) \\
&:= 3 + (3 \times (333 + 3) + 3/3) \\
&:= 4 + 4 \times (4^4 - 4) \\
&:= (5 - 5/5)^5 - (55 + 5)/5 \\
&:= (((6 + 6)/6)^{(66-6)/6}) - 6 - 6 \\
&:= 77/7 + 77 \times (7 - 7/7 + 7) \\
&:= 8 \times 8 \times (8 + 8) - (88 + 8)/8 \\
&:= 9999/9 - 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1013 &:= (1 + 1)^{11-1} - 11 \\
&:= (2^{22/2} - 22)/2 \\
&:= 3 + (3 \times 333 + 33/3) \\
&:= 4 \times 4^4 - 44/4 \\
&:= (5 - 5/5)^5 - 55/5 \\
&:= (6 \times 6 \times (6 \times 6 - 6)) - (66 + 6/6) \\
&:= 7777/7 - 7 \times (7 + 7) \\
&:= 8 \times 8 \times (8 + 8) - 88/8 \\
&:= (9999 + 9)/9 - 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1014 &:= 1 + (1 + 1)^{11-1} - 11 \\
&:= 2 + 2 \times (22^2 + 22) \\
&:= 3 + (3 \times (333 + 3) + 3) \\
&:= 4 \times 4^4 + (4 - 44)/4 \\
&:= (5 - 5/5)^5 - 5 - 5 \\
&:= (6 \times 6 \times (6 \times 6 - 6)) - 66 \\
&:= (7 - 7/7 + 7) \times (7/7 + 77) \\
&:= (8 - 88)/8 + 8 \times 8 \times (8 + 8) \\
&:= 9 + ((999 - ((9 + 9 + 9)/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1015 &:= 1 + 1 + (1 + 1)^{11-1} - 11 \\
&:= 2 + (2^{22/2} - 22)/2 \\
&:= 3 + ((3 \times (333 + 3) + 3/3) + 3) \\
&:= 4 \times 4^4 - ((4/4 + 4) + 4) \\
&:= 5 \times (((5^5 - 5)/(5 + 5 + 5)) - 5) \\
&:= 6/6 + ((6 \times 6 \times (6 \times 6 - 6)) - 66) \\
&:= 7 \times 7 \times (7 + 7 + 7) - (7 + 7) \\
&:= 8 \times 8 \times (8 + 8) - (8/8 + 8) \\
&:= (((9 + 9)/9)^{9/9+9}) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1016 &:= 1 + 1 + 1 + (1 + 1)^{11-1} - 11 \\
&:= 2 \times (22^2 + 22 + 2) \\
&:= (3 \times ((333 + 3) + 3)) - 3/3 \\
&:= 4 \times 4^4 - 4 - 4 \\
&:= (5 + 5)/5 + ((5 - 5/5)^5 - (5 + 5)) \\
&:= (6 \times 6 \times (6 \times 6 - 6)) - ((6 + 6)/6)^6 \\
&:= 7 + (((77 + 7)^{(7+7)/7}) + 7)/7) \\
&:= 8 \times 8 \times (8 + 8) - 8 \\
&:= 9 + ((999 - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1017 &:= (11 - 1 - 1) \times (1 + 1 + 111) \\
&:= 2 + (2^{22/2} - 22)/2 + 2 \\
&:= 3 \times ((333 + 3) + 3) \\
&:= 4 + (4 \times 4^4 - 44/4) \\
&:= (5 - 5/5)^5 - ((5 + 5)/5 + 5) \\
&:= 6 \times (6 \times 6 + 6 + 6) + ((6 \times 6/(6 + 6))^6) \\
&:= ((7/7 + 7) \times ((7 + 7)/7)^7) - 7 \\
&:= 8/8 + (8 \times 8 \times (8 + 8) - 8) \\
&:= 9 + (999 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1018 &:= ((1 + 1)^{11} - (1 + 11))/(1 + 1) \\
&:= 2 + (2 \times ((22^2 + 22) + 2)) \\
&:= 3/3 + (3 \times ((333 + 3) + 3)) \\
&:= 4 \times 4^4 - ((4 + 4)/4 + 4) \\
&:= (5 - 5/5)^5 - (5/5 + 5) \\
&:= (((6 + 6)/6)^{(66-6)/6}) - 6 \\
&:= 7 \times 7 \times (7 + 7 + 7) - 77/7 \\
&:= (8 + 8)/8 + (8 \times 8 \times (8 + 8) - 8) \\
&:= 9 + ((999 + 9)/9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1019 &:= (1 + (1 + 1)^{11} - 11)/(1 + 1) \\
&:= ((2^{22/2} - 2)/2) - 2 - 2 \\
&:= 33/3 + (3 \times (333 + 3)) \\
&:= 4 \times 4^4 - (4/4 + 4) \\
&:= (5 - 5/5)^5 - 5 \\
&:= ((66 - 6) \times (66/6 + 6)) - 6/6 \\
&:= ((7 - 77)/7) + 7 \times 7 \times (7 + 7 + 7) \\
&:= 88/8 + ((8 + 8) \times (8 \times 8 - 8/8)) \\
&:= 9 + (99/9 + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1020 &:= (1 + 1)^{11-1} - 1 - 1 - 1 - 1 \\
&:= 2 \times ((2^{(2/2+2)^2}) - 2) \\
&:= 3 + (3 \times ((333 + 3) + 3)) \\
&:= 4 \times 4^4 - 4 \\
&:= 5/5 + ((5 - 5/5)^5 - 5) \\
&:= (66 - 6) \times (66/6 + 6) \\
&:= 7 + (7777/7 - 7 \times (7 + 7)) \\
&:= 8 \times 8 \times (8 + 8) - (8/((8 + 8)/8)) \\
&:= 9 + (((99 + 9)/9) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1021 &:= (1+1)^{11-1} - 1 - 1 - 1 \\
&:= ((2^{22/2} - 2)/2) - 2 \\
&:= ((3 - 3/3)^{3 \times 3 + 3/3}) - 3 \\
&:= 4/4 + (4 \times 4^4 - 4) \\
&:= (5+5)/5 + ((5-5/5)^5 - 5) \\
&:= 6/6 + ((66-6) \times (66/6+6)) \\
&:= 7 \times 7 \times (7+7+7) - (7/7+7) \\
&:= 8 + (8 \times 8 \times (8+8) - (88/8)) \\
&:= 9 + (9999/9 - 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1022 &:= (1+1)^{11-1} - 1 - 1 \\
&:= (2^{2 \times (2+2)+2}) - 2 \\
&:= 3 + (3 \times (333+3) + 33/3) \\
&:= 4 \times 4^4 - (4+4)/4 \\
&:= (5-5/5)^5 - (5+5)/5 \\
&:= 6 + ((6 \times 6 \times (6 \times 6 - 6)) - ((6+6)/6)^6) \\
&:= 7 \times 7 \times (7+7+7) - 7 \\
&:= 8 \times 8 \times (8+8) - (8+8)/8 \\
&:= 9 + ((9999+9)/9 - 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1023 &:= (1+1)^{11-1} - 1 \\
&:= (2^{22/2} - 2)/2 \\
&:= 3^3 + (3 \times 333 - 3) \\
&:= 4 \times 4^4 - 4/4 \\
&:= (5-5/5)^5 - 5/5 \\
&:= (((6+6)/6)^{(66-6)/6}) - 6/6 \\
&:= 7/7 + (7 \times 7 \times (7+7+7) - 7) \\
&:= 8 \times 8 \times (8+8) - 8/8 \\
&:= (((9+9)/9)^{9/9+9}) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1024 &:= (1+1)^{11-1} \\
&:= 2^{2 \times (2+2)+2} \\
&:= (3 - 3/3)^{3 \times 3 + 3/3} \\
&:= 4 \times 4^4 \\
&:= (5-5/5)^5 \\
&:= ((6+6)/6)^{(66-6)/6} \\
&:= (7/7+7) \times ((7+7)/7)^7 \\
&:= 8 \times 8 \times (8+8) \\
&:= ((9+9)/9)^{9/9+9}
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1025 &:= 1 + (1+1)^{11-1} \\
&:= (2^{22/2} + 2)/2 \\
&:= 3^3 + (3 \times 333 - 3/3) \\
&:= 4/4 + 4 \times 4^4 \\
&:= 5/5 + (5-5/5)^5 \\
&:= 6/6 + (((6+6)/6)^{(66-6)/6}) \\
&:= 7 + (7 \times 7 \times (7+7+7) - (77/7)) \\
&:= 8/8 + 8 \times 8 \times (8+8) \\
&:= 9 + (((999-9/9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1026 &:= 1 + 1 + (1+1)^{11-1} \\
&:= 2 + (2^{2 \times (2+2)+2}) \\
&:= 3 \times (333 + 3 \times 3) \\
&:= (4+4)/4 + 4 \times 4^4 \\
&:= (5+5)/5 + (5-5/5)^5 \\
&:= 666 + 6 \times (66-6) \\
&:= ((7+7+7)/7) \times (7 \times 7 \times 7 - 7/7) \\
&:= (8+8)/8 + 8 \times 8 \times (8+8) \\
&:= 9 + (999 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1027 &:= 1 + 1 + 1 + (1+1)^{11-1} \\
&:= 2 + ((2^{22/2} + 2)/2) \\
&:= 3^3 + ((3 \times 3 + 3/3)^3) \\
&:= 4 + (4 \times 4^4 - 4/4) \\
&:= 5 + ((5-5/5)^5 - ((5+5)/5)) \\
&:= 6/6 + (6 \times (66-6) + 666) \\
&:= 7 \times 7 \times (7+7+7) - (7+7)/7 \\
&:= 88/8 + (8 \times 8 \times (8+8) - 8) \\
&:= 9 + (((999+9/9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1028 &:= 1 + (1+1+1 + (1+1)^{11-1}) \\
&:= 2 + ((2^{2 \times (2+2)+2}) + 2) \\
&:= (3 \times (((3/3+3) + 3)^3)) - 3/3 \\
&:= 4 + 4 \times 4^4 \\
&:= 5 + ((5-5/5)^5 - 5/5) \\
&:= 666 + (6 \times (66-6) + ((6+6)/6)) \\
&:= 7 \times 7 \times (7+7+7) - 7/7 \\
&:= 8 \times 8 \times (8+8) + (8/((8+8)/8)) \\
&:= 9 + ((99/9 + 999) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1029 &:= (11 + (1+1)^{11} - 1)/(1+1) \\
&:= 2 + (((2^{22/2} + 2)/2) + 2) \\
&:= 3 \times (((3/3+3) + 3)^3) \\
&:= 4 + (4 \times 4^4 + 4/4) \\
&:= 5 + (5-5/5)^5 \\
&:= 666 + 66 \times 66/(6+6) \\
&:= 7 \times 7 \times (7+7+7) \\
&:= 8 + ((8 \times 8 \times (8+8) - (88/8)) + 8) \\
&:= ((9999-9)/9) - 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1030 &:= (1+11 + (1+1)^{11})/(1+1) \\
&:= 2 + (((2^{2 \times (2+2)+2}) + 2) + 2) \\
&:= 3 + (((3 \times 3 + 3/3)^3) + 3^3) \\
&:= 4 + ((4+4)/4 + 4 \times 4^4) \\
&:= 5 + ((5-5/5)^5 + 5/5) \\
&:= 6 + (((6+6)/6)^{(66-6)/6}) \\
&:= 7/7 + 7 \times 7 \times (7+7+7) \\
&:= 8 + (8 \times 8 \times (8+8) - ((8+8)/8)) \\
&:= 9999/9 - 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1031 &:= 1 + (1+11 + (1+1)^{11})/(1+1) \\
&:= 2 + (((2^{22/2} + 2)/2) + 2) + 2) \\
&:= 33 + (3 \times 333 - 3/3) \\
&:= 4 + ((4 \times 4^4 - 4/4) + 4) \\
&:= 5 + ((5-5/5)^5 + ((5+5)/5)) \\
&:= 6 + (((6+6)/6)^{(66-6)/6}) + 6/6) \\
&:= 7 + ((7/7+7) \times ((7+7)/7)^7) \\
&:= 8 + (8 \times 8 \times (8+8) - 8/8) \\
&:= (9999+9)/9 - 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1032 &:= 11 + (1+1)^{11-1} - 1 - 1 - 1 \\
&:= 2 \times (2 \times (2^{2 \times (2+2)} + 2)) \\
&:= 33 + 3 \times 333 \\
&:= 4 + (4 \times 4^4 + 4) \\
&:= 5 + (5-5/5)^5 - (5+5)/5 + 5 \\
&:= 6 + (6 \times (66-6) + 666) \\
&:= (7/7+7) \times (((7+7)/7)^7 + 7/7) \\
&:= 8 + 8 \times 8 \times (8+8) \\
&:= 9 + (((9+9)/9)^{9/9+9}) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1033 &:= 11 + (1+1)^{11-1} - 1 - 1 \\
&:= ((2^{22/2} + 22)/2) - 2 \\
&:= 33 + ((3 \times 3 + 3/3)^3) \\
&:= 4 + ((4 \times 4^4 + 4/4) + 4) \\
&:= 5 + (((5-5/5)^5 - 5/5) + 5) \\
&:= (6666/6) - (66+6+6) \\
&:= (7777-7)/7 - 77 \\
&:= 8 + (8 \times 8 \times (8+8) + 8/8) \\
&:= 9 + (((9+9)/9)^{9/9+9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1034 &:= 11 + (1+1)^{11-1} - 1 \\
&:= 2 + (2 \times (2 \times (2^{2 \times (2+2)} + 2))) \\
&:= ((33/3)^3) - 3 \times 3 \times 33 \\
&:= 4 \times 4^4 + (44-4)/4 \\
&:= 5 + ((5-5/5)^5 + 5) \\
&:= ((6666-66)/6) - 66 \\
&:= 7777/7 - 77 \\
&:= 8 + (8 \times 8 \times (8+8) + ((8+8)/8)) \\
&:= 9 + (((999-9/9) + 9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1035 &:= 11 + (1+1)^{11-1} \\
&:= (2^{22/2} + 22)/2 \\
&:= 3 + (3 \times 333 + 33) \\
&:= 44/4 + 4 \times 4^4 \\
&:= 55/5 + (5-5/5)^5 \\
&:= 6 + (66 \times 66/(6+6) + 666) \\
&:= 7 + (7 \times 7 \times (7+7+7) - 7/7) \\
&:= 88/8 + 8 \times 8 \times (8+8) \\
&:= 9 + ((999+9+9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1036 &:= 1 + 11 + (1 + 1)^{11-1} \\
&:= 2 \times ((2 \times (2^{2 \times (2+2)} + 2)) + 2) \\
&:= 3 + (((3 \times 3 + 3/3)^3) + 33) \\
&:= 4 \times (4^4 + 4) - 4 \\
&:= (5 - 5/5)^5 + (55 + 5)/5 \\
&:= 6 + (((6 + 6)/6)^{(66-6)/6} + 6) \\
&:= 7 + 7 \times 7 \times (7 + 7 + 7) \\
&:= ((88 + 8)/8) + 8 \times 8 \times (8 + 8) \\
&:= 9 + (((999 + 9/9) + 9) + 9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1037 &:= 1 + 1 + 11 + (1 + 1)^{11-1} \\
&:= 2 + ((2^{22/2} + 22)/2) \\
&:= 3 + (((33/3)^3) - 3 \times 3 \times 33) \\
&:= 4/4 + (4 \times (4^4 + 4) - 4) \\
&:= (5 - 5/5)^5 + (55 + 5 + 5)/5 \\
&:= (66/6 + 6) \times ((66 - 6) + 6/6) \\
&:= 7 + (7 \times 7 \times (7 + 7 + 7) + 7/7) \\
&:= 8 \times 8 \times (8 + 8) + (88 + 8 + 8)/8 \\
&:= 9 + (((99/9 + 999) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1038 &:= 1 + 1 + 1 + 11 + (1 + 1)^{11-1} \\
&:= 2 + (2 \times ((2 \times (2^{2 \times (2+2)} + 2)) + 2)) \\
&:= 3 \times (((3/3 + 3) + 3)^3) + 3 \\
&:= 4 \times (4^4 + 4) - (4 + 4)/4 \\
&:= 5 + (((5 - 5/5)^5 - 5/5) + 5) + 5 \\
&:= (6 \times (6 \times (6 \times 6 - 6) - 6)) - 6 \\
&:= 7 + (((7/7 + 7) \times ((7 + 7)/7)^7) + 7) \\
&:= 8 + ((8 \times 8 \times (8 + 8) - ((8 + 8)/8)) + 8) \\
&:= 9 + (((9999 - 9)/9) - 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1039 &:= 1 + 1 + 1 + 1 + 11 + (1 + 1)^{11-1} \\
&:= 2 + (((2^{22/2} + 22)/2) + 2) \\
&:= (3333 - (3 + 3)^3)/3 \\
&:= 4 \times (4^4 + 4) - 4/4 \\
&:= 5 + (((5 - 5/5)^5 + 5) + 5) \\
&:= (6666/6) - (66 + 6) \\
&:= ((77 - 7)/7) + 7 \times 7 \times (7 + 7 + 7) \\
&:= 8 + ((8 \times 8 \times (8 + 8) - 8/8) + 8) \\
&:= 9 + (9999/9 - 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1040 &:= 11 + ((11 + ((1 + 1)^{11} - 1))/(1 + 1)) \\
&:= 2 \times ((2 + 2 + 2)^2 + 22^2) \\
&:= 33 + (3 \times (333 + 3) - 3/3) \\
&:= 4 \times (4^4 + 4) \\
&:= 5 \times ((5^5 - 5)/(5 + 5 + 5)) \\
&:= (6/6 - 66) \times (((6 - 66)/6) - 6) \\
&:= 77/7 + 7 \times 7 \times (7 + 7 + 7) \\
&:= 8 + (8 \times 8 \times (8 + 8) + 8) \\
&:= 9 + ((9999 + 9)/9 - 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1041 &:= 11 + ((1 + (11 + (1 + 1)^{11}))/ (1 + 1)) \\
&:= 2^{2+2} + ((2^{22/2} + 2)/2) \\
&:= 33 + (3 \times (333 + 3)) \\
&:= 4/4 + 4 \times (4^4 + 4) \\
&:= 5 + ((5 - 5/5)^5 + ((55 + 5)/5)) \\
&:= (6666/6) - (((6 + 6)/6)^6 + 6) \\
&:= 7 + (7777/7 - 77) \\
&:= 8 + ((8 \times 8 \times (8 + 8) + 8/8) + 8) \\
&:= (9 \times (99 + 9 + 9)) - (99 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1042 &:= (1 + 1)^{11-1} + (1 + 1) \times (11 - 1 - 1) \\
&:= 2 + ((2^{2 \times (2+2)+2}) + 2^{2+2}) \\
&:= 3 + ((3333 - (3 + 3)^3)/3) \\
&:= (4 + 4)/4 + 4 \times (4^4 + 4) \\
&:= (5^5 + 5/5)/(5 - (5 + 5)/5) \\
&:= (6 \times (6 \times (6 \times 6 - 6) - 6)) - (6 + 6)/6 \\
&:= 7 + ((7 \times 7 \times (7 + 7 + 7) - 7/7) + 7) \\
&:= 8 + ((8 \times 8 \times (8 + 8) + ((8 + 8)/8)) + 8) \\
&:= 9 + (((9 + 9)/9)^{9/9+9}) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1043 &:= (1 + 1) \times (11 - 1) + (1 + 1)^{11-1} - 1 \\
&:= 22 + (((2^{22/2} - 2)/2) - 2) \\
&:= 33 + (3 \times 333 + 33/3) \\
&:= 4 + (4 \times (4^4 + 4) - 4/4) \\
&:= 5 \times 5 + (((5 - 5/5)^5 - (5/5 + 5)) \\
&:= (6 \times (6 \times (6 \times 6 - 6) - 6)) - 6/6 \\
&:= 7 + (7 \times 7 \times (7 + 7 + 7) + 7) \\
&:= 8 + (8 \times 8 \times (8 + 8) + (88/8)) \\
&:= (9 \times (99 + 9 + 9)) - 9/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1044 &:= ((1 + 1) \times (11 - 1)) + (1 + 1)^{11-1} \\
&:= 22 + ((2^{2 \times (2+2)+2}) - 2) \\
&:= 3 + (3 \times (333 + 3) + 33) \\
&:= 4 + 4 \times (4^4 + 4) \\
&:= 5 \times 5 + (((5 - 5/5)^5 - 5) \\
&:= 6 \times (6 \times (6 \times 6 - 6) - 6) \\
&:= 7 + ((7 \times 7 \times (7 + 7 + 7) + 7/7) + 7) \\
&:= ((88 + 8)/8) \times (88 - 8/8) \\
&:= (9 \times (99 + 9 + 9)) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1045 &:= 11 + (11 + ((1 + 1)^{11-1} - 1)) \\
&:= 22 + ((2^{22/2} - 2)/2) \\
&:= 33/3 \times (3 \times 33 - (3/3 + 3)) \\
&:= 4 + (4 \times (4^4 + 4) + 4/4) \\
&:= 55 \times (5 \times 5 - (5/5 + 5)) \\
&:= (6666/6) - 66 \\
&:= 77/7 \times ((77/7 + 77) + 7) \\
&:= 88/8 \times (88 - 8/8 + 8) \\
&:= 9/9 + ((9 \times (99 + 9 + 9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1046 &:= 11 + 11 + (1 + 1)^{11-1} \\
&:= 22 + (2^{2 \times (2+2)+2}) \\
&:= 3 + ((3 \times 333 + 33/3) + 33) \\
&:= 4 + (4 \times (4^4 + 4) + (4 + 4)/4) \\
&:= 5/5 + (55 \times (5 \times 5 - (5/5 + 5))) \\
&:= (6666 + 6)/6 - 66 \\
&:= 7 + (7 \times 7 \times (7 + 7 + 7) + ((77 - 7)/7)) \\
&:= (8888 - 8)/8 - 8 \times 8 \\
&:= (9 + 9)/9 + ((9 \times (99 + 9 + 9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1047 &:= 1 + (11 + 11 + (1 + 1)^{11-1}) \\
&:= 22 + ((2^{22/2} + 2)/2) \\
&:= 3 \times (((3/3 + 3) + 3)^3) + 3 + 3 \\
&:= (4444 - 4^4)/4 \\
&:= 5 + (5^5 + 5/5)/(5 - (5 + 5)/5) \\
&:= (6666/6) - ((6 + 6)/6)^6 \\
&:= 7 + (7 \times 7 \times (7 + 7 + 7) + (77/7)) \\
&:= 8888/8 - 8 \times 8 \\
&:= 9 + (((9999 - 9)/9) - 9 \times 9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1048 &:= (1 + 1)^{11} - (11 - 1)^{1+1+1} \\
&:= 2 + ((2^{2 \times (2+2)+2}) + 22) \\
&:= 3 + (33/3 \times (3 \times 33 - (3/3 + 3))) \\
&:= 4 + (4 \times (4^4 + 4) + 4) \\
&:= 5 \times 5 + (((5 - 5/5)^5 - 5/5) \\
&:= 6 + ((6 \times (6 \times (6 \times 6 - 6) - 6)) - ((6 + 6)/6)) \\
&:= 7 + ((7777/7 - 77) + 7) \\
&:= 8 + ((8 \times 8 \times (8 + 8) + 8) + 8) \\
&:= 9 + ((9999/9 - 9 \times 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1049 &:= 1 + ((1 + 1)^{11} - (11 - 1)^{1+1+1}) \\
&:= 2 + (((2^{22/2} + 2)/2) + 22) \\
&:= 3^3 \times (33 + 3 + 3) - (3/3 + 3) \\
&:= 4 + ((4 \times (4^4 + 4) + 4/4) + 4) \\
&:= 5 \times 5 + (5 - 5/5)^5 \\
&:= 6 + ((6 \times (6 \times (6 \times 6 - 6) - 6)) - 6/6) \\
&:= ((7 + 7) \times (77 - (7 + 7)/7)) - 7/7 \\
&:= ((88 \times (88 + 8) + 8)/8) - 8 \\
&:= 999 + ((9 \times 99 + 9)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1050 &:= (11 - 1) \times (111 - ((1 + 1) \times (1 + 1 + 1))) \\
&:= 2 \times (((22 + 2/2)^2) - (2 + 2)) \\
&:= 3^3 \times (33 + 3 + 3) - 3 \\
&:= 4 \times (4^4 + 4) + (44 - 4)/4 \\
&:= (5 + 5) \times (5 \times (5 \times 5 - 5) + 5) \\
&:= 6 + (6 \times (6 \times (6 \times 6 - 6) - 6)) \\
&:= (7 + 7) \times (77 - (7 + 7)/7) \\
&:= (((88 \times (88 + 8) + 8) + 8)/8) - 8 \\
&:= (9 \times (99 + 9 + 9)) - (9 + 9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1051 &:= 1111 - (11^{1+1} - 1)/(1+1) \\
&:= (2 \times ((22 \times (22+2)) - 2)) - 2/2 \\
&:= 3^3 + ((3 - 3/3)^{3 \times 3 + 3/3}) \\
&:= 44/4 + 4 \times (4^4 + 4) \\
&:= 5555/5 - (55+5) \\
&:= 6 + ((6666/6) - 66) \\
&:= 7/7 + ((7+7) \times (77 - (7+7)/7)) \\
&:= 8 + ((8 \times 8 \times (8+8) + (88/8)) + 8) \\
&:= (9 \times (99+9+9)) - (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1052 &:= 11 \times 111 - (1+1+11)^{1+1} \\
&:= 2 \times ((22 \times (22+2)) - 2) \\
&:= 3^3 \times (33+3+3) - 3/3 \\
&:= 44 + 4 \times (4^4 - 4) \\
&:= (5555+5)/5 - (55+5) \\
&:= 6 + ((6666+6)/6 - 66) \\
&:= 7 + (77/7 \times ((77/7+77) + 7)) \\
&:= 8 + (((88+8)/8) \times (88 - 8/8)) \\
&:= (9 \times (99+9+9)) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1053 &:= (1+1+11) \times (11-1-1)^{1+1} \\
&:= 2/2 + (2 \times ((22 \times (22+2)) - 2)) \\
&:= 3^3 \times (33+3+3) \\
&:= 44 + (4 \times (4^4 - 4) + 4/4) \\
&:= 5 + (((5-5/5)^5 - 5/5) + 5 \times 5) \\
&:= 6 + ((6666/6) - ((6+6)/6)^6) \\
&:= 77 \times (7+7) - (77/7+7+7) \\
&:= 8 + (88/8 \times (88 - 8/8+8)) \\
&:= 9 \times (99+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1054 &:= 1 + ((1+1+11) \times (11-1-1)^{1+1}) \\
&:= 2 \times (((22+2/2)^2) - 2) \\
&:= 3/3 + 3^3 \times (33+3+3) \\
&:= 4 \times (4^4 + 4+4) - (4+4)/4 \\
&:= 5 + (((5-5/5)^5 + 5 \times 5) \\
&:= 6 \times 6 + (((6+6)/6)^{(66-6)/6} - 6) \\
&:= (7777-7)/7 - (7 \times 7+7) \\
&:= (88 \times (88+8) - (8+8))/8 \\
&:= 9/9 + (9 \times (99+9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1055 &:= 1111 - (1+111)/(1+1) \\
&:= (2 \times (22 \times (22+2))) - 2/2 \\
&:= 33 \times 33 - 3/3 - 33 \\
&:= 4 \times (4^4 + 4+4) - 4/4 \\
&:= 5 + ((5+5) \times (5 \times (5 \times 5 - 5) + 5)) \\
&:= 666 + (6 \times 66 - (6/6+6)) \\
&:= 7777/7 - (7 \times 7+7) \\
&:= (88 \times (88+8) - 8)/8 \\
&:= (9+9)/9 + (9 \times (99+9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1056 &:= (1+1) \times ((1+11+11)^{1+1} - 1) \\
&:= 2 \times (22 \times (22+2)) \\
&:= 33 \times (33 - 3/3) \\
&:= 4 \times (4^4 + 4+4) \\
&:= 5555/5 - 55 \\
&:= 66 \times (((66-6)/6) + 6) \\
&:= 77 + ((7+7) \times (77 - 7) - 7/7) \\
&:= 88 \times (88+8)/8 \\
&:= 99/9 \times (99 - ((9+9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1057 &:= (11 \times (1+1+1)) + (1+1)^{11-1} \\
&:= (((2 \times 22) + 2)^2) - 2)/2 \\
&:= 3/3 + (33 \times (33 - 3/3)) \\
&:= 4/4 + 4 \times (4^4 + 4+4) \\
&:= (5555+5)/5 - 55 \\
&:= 6 + (((6666/6) - 66) + 6) \\
&:= 77 + (7+7) \times (77 - 7) \\
&:= (88 \times (88+8) + 8)/8 \\
&:= 9 + (((9999/9 - 9 \times 9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1058 &:= (1+1) \times (1+11+11)^{1+1} \\
&:= 2 \times ((22+2/2)^2) \\
&:= 3 + (33 \times 33 - (3/3+33)) \\
&:= (4+4)/4 + 4 \times (4^4 + 4+4) \\
&:= (5555+5+5)/5 - 55 \\
&:= 6 + (((6666+6)/6 - 66) + 6) \\
&:= 7/7 + ((7+7) \times (77 - 7) + 77) \\
&:= ((88 \times (88+8) + 8) + 8)/8 \\
&:= ((99/9) \times (99 - ((9+9)/9))) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1059 &:= 1 + ((1+1) \times (1+11+11)^{1+1}) \\
&:= (((2 \times 22) + 2)^2) + 2)/2 \\
&:= 3 + (33 \times (33 - 3/3)) \\
&:= 4 + (4 \times (4^4 + 4+4) - 4/4) \\
&:= 5 + (((5-5/5)^5 + 5 \times 5) + 5) \\
&:= 666 + (6 \times 66 - (6 \times 6/(6+6))) \\
&:= 77 \times (7+7) - ((77+7)/7+7) \\
&:= (((88 \times (88+8) + 8) + 8) + 8)/8 \\
&:= 9 + ((9 \times (99+9+9)) - ((9+9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1060 &:= (1+1) \times (1 + (1+11+11)^{1+1}) \\
&:= 2 + (2 \times ((22+2/2)^2)) \\
&:= 3 + ((33 \times (33 - 3/3)) + 3/3) \\
&:= 4 + 4 \times (4^4 + 4+4) \\
&:= (5+5) \times (555/5 - 5) \\
&:= 6 \times 6 + (((6+6)/6)^{(66-6)/6}) \\
&:= 77 \times (7+7) - (77/7+7) \\
&:= ((88 \times (8+8+8) + 8)/(8+8)/8) \\
&:= 9 + ((9 \times (99+9+9)) - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1061 &:= 1 + ((1+1) \times (1 + (1+11+11)^{1+1})) \\
&:= 2 + (((((2 \times 22) + 2)^2) + 2)/2) \\
&:= 3^{3+3} + (333 - 3/3) \\
&:= 4 + (4 \times (4^4 + 4+4) + 4/4) \\
&:= 5 + (5555/5 - 55) \\
&:= 666 + (6 \times 66 - 6/6) \\
&:= (7777 - 7)/7 - 7 \times 7 \\
&:= 8 + ((88/8 \times (88 - 8/8+8)) + 8) \\
&:= 9 + ((9 \times (99+9+9)) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1062 &:= (1+1) \times (1 + (1 + (1+11+11)^{1+1})) \\
&:= 2 \times (((22+2/2)^2) + 2) \\
&:= 3^{3+3} + 333 \\
&:= 4 + (4 \times (4^4 + 4+4) + (4+4)/4) \\
&:= 5 + ((5555+5)/5 - 55) \\
&:= 666 + 6 \times 66 \\
&:= 7777/7 - 7 \times 7 \\
&:= 8 + ((88 \times (88+8) - (8+8))/8) \\
&:= 9 + (9 \times (99+9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1063 &:= 1111 - ((1+1) \times ((1+1) \times (1+11))) \\
&:= 2 + ((((((2 \times 22) + 2)^2) + 2)/2) + 2) \\
&:= 3/3 + (3^{3+3} + 333) \\
&:= 44 + (4 \times 4^4 - (4/4+4)) \\
&:= 5 \times 5 \times 55 + ((5-5^5)/(5+5)) \\
&:= 6/6 + (666 + 6 \times 66) \\
&:= 77 \times (7+7) - (7/7+7+7) \\
&:= 8 + ((88 \times (88+8) - 8)/8) \\
&:= 9 + ((9 \times (99+9+9)) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1064 &:= (1+1)^{1+1+1} \times (1 + (11 \times (1+11))) \\
&:= 2 + (2 \times (((22+2/2)^2) + 2)) \\
&:= 3 + ((3^{3+3} - 3/3) + 333) \\
&:= 44 + (4 \times 4^4 - 4) \\
&:= 5 + (((5-5/5)^5 + 5 \times 5) + 5) + 5) \\
&:= 666 + (((6+6)/6) + 6 \times 66) \\
&:= (7+7) \times (77 - 7/7) \\
&:= 8 + (88 \times ((88+8)/8)) \\
&:= 99/9 + (9 \times (99+9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1065 &:= 1111 - ((1+1) \times (1 + (11+11))) \\
&:= (2222/2) - ((2 \times 22) + 2) \\
&:= 3 + (3^{3+3} + 333) \\
&:= 44 + ((4 \times 4^4 - 4) + 4/4) \\
&:= 5 + ((5+5) \times (555/5 - 5)) \\
&:= 66 + ((6 \times 666)/(6 - ((6+6)/6))) \\
&:= 7/7 + ((7+7) \times (77 - 7/7)) \\
&:= 8 + ((88 \times (88+8) + 8)/8) \\
&:= ((99+9)/9) + (9 \times (99+9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1066 &:= (1+1+11) \times (1+(11-1-1)^{1+1}) \\
&:= 2 \times (((22+2/2)^2) + 2) + 2 \\
&:= 3 + ((3^{3+3} + 333) + 3/3) \\
&:= 44 + (4 \times 4^4 - (4+4)/4) \\
&:= 5 + (5555/5 - 55 + 5) \\
&:= 6 + (((6+6)/6)^{(66-6)/6}) + 6 \times 6 \\
&:= 77 \times (7+7) - (77+7)/7 \\
&:= 8 + (((88 \times (88+8) + 8) + 8)/8) \\
&:= (9/9 + 9 \times 9) \times ((99+9+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1067 &:= 11 \times (111 - (1 + (1 + 1 + 11))) \\
&:= (2222/2) - (2 \times 22) \\
&:= 33/3 + (33 \times (33 - 3/3)) \\
&:= 44 + (4 \times 4^4 - 4/4) \\
&:= ((5555 + 55)/5) - 55 \\
&:= 6 + ((6 \times 66 - 6/6) + 666) \\
&:= 77 \times (7+7) - 77/7 \\
&:= 88/8 \times ((8/8 + 88) + 8) \\
&:= 99/9 \times (99 - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1068 &:= (1+11) \times (111 - 11 - 11) \\
&:= 2 \times ((2^{(2/2+2)^2}) + 22) \\
&:= 3 + ((3^{3+3} + 333) + 3) \\
&:= 44 + 4 \times 4^4 \\
&:= 55 + ((5 - 5/5)^5 - 55/5) \\
&:= 6 + (666 + 6 \times 66) \\
&:= ((7 - 77)/7) + 77 \times (7+7) \\
&:= (8/8 + 88) \times ((88+8)/8) \\
&:= 9 \times 9 + (999 - ((99+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1069 &:= 1 + ((1+11) \times (111 - 11 - 11)) \\
&:= (((2 \times 22) + 2)^2) + 22)/2 \\
&:= 3^{3+3} + (3/3 + 3 + 3)^3 - 3 \\
&:= 44 + (4 \times 4^4 + 4/4) \\
&:= 55 + ((5 - 5/5)^5 - (5+5)) \\
&:= (6 \times 6 \times (6 \times 6 - 6)) - 66/6 \\
&:= 7 + (7777/7 - 7 \times 7) \\
&:= (8 \times (8 \times (8+8) + 8)) - (88/8 + 8) \\
&:= 9 \times 9 + (999 - (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1070 &:= (11-1) \times (111 - (1+1+1+1)) \\
&:= 2 + ((2^{2 \times (2+2)+2}) + 2 \times 22) \\
&:= 3 \times 333 + (((3+3)^3 - 3)/3) \\
&:= 44 + ((4+4)/4 + 4 \times 4^4) \\
&:= (5+5) \times ((555+5)/5 - 5) \\
&:= (6 - 6/6) \times (6 \times 6 \times 6 - (6+6)/6) \\
&:= 77 \times (7+7) - (7/7+7) \\
&:= 8 + (((88 \times (88+8) - (8+8))/8) + 8) \\
&:= 99 + ((9 \times (99+9)) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1071 &:= (11-1-1) \times (11^{1+1} - (1+1)) \\
&:= 2 + (((2 \times 22) + 2)^2) + 22)/2 \\
&:= 3 \times ((333 - 3) + 3^3) \\
&:= 4 + ((4 \times 4^4 - 4/4) + 44) \\
&:= 5 + (5555/5 - 55 + 5 + 5) \\
&:= (6/6 + 6) \times (666/6 + 6 \times 6 + 6) \\
&:= 77 \times (7+7) - 7 \\
&:= (8/8 + 8) \times (888/8 + 8) \\
&:= 99 + (9 \times (99+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1072 &:= 1 + ((11-1-1) \times (11^{1+1} - (1+1))) \\
&:= 2 \times (((2^{(2/2+2)^2}) + 22) + 2) \\
&:= 3^{3+3} + (((3/3+3) + 3)^3) \\
&:= 4 + (4 \times 4^4 + 44) \\
&:= 5^5 - (((5+5)/5)^{55/5}) + 5 \\
&:= (66 + 6/6) \times (((66-6)/6) + 6) \\
&:= 7/7 + (77 \times (7+7) - 7) \\
&:= (8 \times (8 \times (8+8) + 8)) - 8 - 8 \\
&:= 9/9 + ((999 - 9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1073 &:= 1111 - (1 + (111/(1+1+1))) \\
&:= ((22/2 + 22)^2) - 2^{2+2} \\
&:= 3^{3+3} + (333 + 33/3) \\
&:= 4 + ((4 \times 4^4 + 4/4) + 44) \\
&:= 55 + ((5 - 5/5)^5 - (5/5 + 5)) \\
&:= (6 \times 6 \times (6 \times 6 - 6)) - 6/6 - 6 \\
&:= ((7+7)/7) + (77 \times (7+7) - 7) \\
&:= 8 + (((88 \times (88+8) + 8)/8) + 8) \\
&:= 9 + ((9 \times (99+9+9)) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1074 &:= 1111 - (111/(1+1+1)) \\
&:= (2+2+2)^{2+2} - 222 \\
&:= 3 + (3 \times ((333 - 3) + 3^3)) \\
&:= 4 + (((4+4)/4 + 4 \times 4^4) + 44) \\
&:= 55 + ((5 - 5/5)^5 - 5) \\
&:= (6 \times 6 \times (6 \times 6 - 6)) - 6 \\
&:= 7 + (77 \times (7+7) - (77/7)) \\
&:= 8 + (((88 \times (88+8) + 8) + 8)/8) + 8 \\
&:= (9 \times (99+9)) + (999/9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1075 &:= 1111 - ((1+1+1) \times (1+11)) \\
&:= 222/2 + (2 \times (22^2 - 2)) \\
&:= 33 \times 33 - (33/3 + 3) \\
&:= ((44/4)^{4-4/4}) - 4^4 \\
&:= 5 \times (5 \times 55 - (55+5)) \\
&:= (6666/6) - 6 \times 6 \\
&:= 77 \times (7+7) - (7+7+7)/7 \\
&:= 8 + (88/8 \times ((8/8+88) + 8)) \\
&:= 9999/9 - ((9+9+9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1076 &:= 1 + (1111 - ((1+1+1) \times (1+11))) \\
&:= 2 + ((2+2+2)^{2+2} - 222) \\
&:= ((3-33)/3) + (33 \times 33 - 3) \\
&:= 4 + ((4 \times 4^4 + 44) + 4) \\
&:= 5/5 + (5 \times (5 \times 55 - (55+5))) \\
&:= (6666 + 6)/6 - 6 \times 6 \\
&:= 77 \times (7+7) - (7+7)/7 \\
&:= 8 + ((8/8 + 88) \times ((88+8)/8)) \\
&:= 9 + ((99/9) \times (99 - ((9+9)/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1077 &:= 1111 - (1 + 11 \times (1 + 1 + 1)) \\
&:= 222/2 + ((2 \times 22^2) - 2) \\
&:= 33 \times 33 - (3 \times 3 + 3) \\
&:= 4 \times 4^4 + ((4^4 - 44)/4) \\
&:= 5^5 - (((5+5)/5)^{55/5}) \\
&:= (6 \times 6 \times (6 \times 6 - 6)) - 6 \times 6/(6+6) \\
&:= 77 \times (7+7) - 7/7 \\
&:= (8 \times (8 \times (8+8) + 8)) - 88/8 \\
&:= ((99 \times 99) - (99+9))/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1078 &:= 11 \times (111 - 1 - 1 - 11) \\
&:= 22 + (2 \times (22 \times (22 + 2))) \\
&:= 33 \times 33 - 33/3 \\
&:= 44 + ((44 - 4)/4 + 4 \times 4^4) \\
&:= 55 + ((5 - 5/5)^5 - 5/5) \\
&:= (6 \times 6 \times (6 \times 6 - 6)) - (6+6)/6 \\
&:= 77 \times (7+7) \\
&:= 88/8 \times (((8+8)/8 + 88) + 8) \\
&:= 99/9 \times (99 - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1079 &:= 1 + (11 \times (111 - 1 - 1 - 11)) \\
&:= 222/2 + (2 \times 22^2) \\
&:= ((3-33)/3) + 33 \times 33 \\
&:= 44 + (44/4 + 4 \times 4^4) \\
&:= 55 + (5 - 5/5)^5 \\
&:= (6 \times 6 \times (6 \times 6 - 6)) - 6/6 \\
&:= 7/7 + 77 \times (7+7) \\
&:= (8 \times (8 \times (8+8) + 8)) - (8/8 + 8) \\
&:= 9 \times 9 + (999 - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1080 &:= (11-1) \times (111 - 1 - 1 - 1) \\
&:= 22 + (2 \times ((22+2/2)^2)) \\
&:= 3 \times (333 + 3^3) \\
&:= 44 + (4 \times (4^4 + 4) - 4) \\
&:= (5 - 5/5) \times (5 \times 55 - 5) \\
&:= 6 \times 6 \times (6 \times 6 - 6) \\
&:= ((7+7)/7) + 77 \times (7+7) \\
&:= (8 \times (8 \times (8+8) + 8)) - 8 \\
&:= 9 \times 9 + 999
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1081 &:= 1 + ((11 - 1) \times (111 - 1 - 1 - 1)) \\
&:= 2 + (222/2 + (2 \times 22^2)) \\
&:= 3 + (33 \times 33 - 33/3) \\
&:= 4 + (((4^4 - 44)/4) + 4 \times 4^4) \\
&:= 5555/5 - (5 \times 5 + 5) \\
&:= 6/6 + (6 \times 6 \times (6 \times 6 - 6)) \\
&:= 77 \times (7 + 7) + (7 + 7 + 7)/7 \\
&:= 8/8 + ((8 \times (8 \times (8 + 8) + 8)) - 8) \\
&:= 9/9 + (999 + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1082 &:= 1 + (1 + ((11 - 1) \times (111 - 1 - 1 - 1))) \\
&:= 2 + ((2 \times ((22 + 2/2)^2)) + 22) \\
&:= 33 \times 33 - ((3/3 + 3) + 3) \\
&:= 44 + (4 \times (4^4 + 4) - (4 + 4)/4) \\
&:= 5 + (5^5 - (((5 + 5)/5)^{55/5})) \\
&:= (6 + 6)/6 + (6 \times 6 \times (6 \times 6 - 6)) \\
&:= 77/7 + (77 \times (7 + 7) - 7) \\
&:= (8 + 8)/8 + ((8 \times (8 \times (8 + 8) + 8)) - 8) \\
&:= 9 \times 9 + (((9 + 9)/9) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1083 &:= (1 + 1 + 1) \times ((1 + 1) \times (11 - 1) - 1)^{1+1} \\
&:= (2/2 + 2) \times ((22 - (2/2 + 2))^2) \\
&:= 33 \times 33 - (3 + 3) \\
&:= 44 + (4 \times (4^4 + 4) - 4/4) \\
&:= 5 + (((5 - 5/5)^5 - 5/5) + 55) \\
&:= (6 \times 6/(6 + 6)) + (6 \times 6 \times (6 \times 6 - 6)) \\
&:= 7 + (77 \times (7 + 7) - ((7 + 7)/7)) \\
&:= (88/8 + 8) \times ((8/8 - 8) + 8 \times 8) \\
&:= (9 \times (99 + 9)) + 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1084 &:= 1111 - ((1 + 1 + 1)^{1+1+1}) \\
&:= 22 + (2 \times (((22 + 2/2)^2) + 2)) \\
&:= 3333/3 - 3^3 \\
&:= 44 + 4 \times (4^4 + 4) \\
&:= 5 + ((5 - 5/5)^5 + 55) \\
&:= 6 + ((6 \times 6 \times (6 \times 6 - 6)) - ((6 + 6)/6)) \\
&:= 7 + (77 \times (7 + 7) - 7/7) \\
&:= (8 \times (8 \times (8 + 8) + 8)) - (8/((8 + 8)/8)) \\
&:= 9999/9 - (9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1085 &:= 1111 - ((1 + 1) \times (1 + 1 + 11)) \\
&:= ((22/2 + 22)^2) - 2 - 2 \\
&:= 33 \times 33 - (3/3 + 3) \\
&:= 44 + (4 \times (4^4 + 4) + 4/4) \\
&:= 5 + ((5 - 5/5) \times (5 \times 55 - 5)) \\
&:= 6 + ((6 \times 6 \times (6 \times 6 - 6)) - 6/6) \\
&:= 7 + 77 \times (7 + 7) \\
&:= 8 + ((8 \times (8 \times (8 + 8) + 8)) - (88/8)) \\
&:= (9999 + 9)/9 - (9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1086 &:= 1111 - (1 + ((1 + 1) \times (1 + 11))) \\
&:= ((22/2 + 22)^2) - 2/2 - 2 \\
&:= 33 \times 33 - 3 \\
&:= 4 \times 4^4 + (4^4 - 4 - 4)/4 \\
&:= 5555/5 - 5 \times 5 \\
&:= 6 + (6 \times 6 \times (6 \times 6 - 6)) \\
&:= 7 + (77 \times (7 + 7) + 7/7) \\
&:= (8 \times (8 \times (8 + 8) + 8)) - (8 + 8)/8 \\
&:= ((99 \times 99) - (9 + 9 + 9))/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1087 &:= 1111 - (1 + 1) \times (1 + 11) \\
&:= ((22/2 + 22)^2) - 2 \\
&:= 3/3 + (33 \times 33 - 3) \\
&:= 4 \times 4^4 + ((4^4 - 4)/4) \\
&:= (5555 + 5)/5 - 5 \times 5 \\
&:= 6 + ((6 \times 6 \times (6 \times 6 - 6)) + 6/6) \\
&:= 7 + (77 \times (7 + 7) + ((7 + 7)/7)) \\
&:= (8 \times (8 \times (8 + 8) + 8)) - 8/8 \\
&:= ((99 \times 99) - (9 + 9))/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1088 &:= (11 \times (1 + 1 + 1))^{1+1} - 1 \\
&:= ((22/2 + 22)^2) - 2/2 \\
&:= 33 \times 33 - 3/3 \\
&:= 4 \times (4 \times 4 + 4^4) \\
&:= (5 + 5)/5 \times (555 - (55/5)) \\
&:= (66/6 + 6) \times ((6 + 6)/6)^6 \\
&:= 77 \times (7 + 7) + (77 - 7)/7 \\
&:= 8 \times (8 \times (8 + 8) + 8) \\
&:= ((99 \times 99) - 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1089 &:= (11 \times (1 + 1 + 1))^{1+1} \\
&:= (22/2 + 22)^2 \\
&:= 33 \times 33 \\
&:= 4/4 + (4 \times (4 \times 4 + 4^4)) \\
&:= 5 + (((5 - 5/5)^5 + 55) + 5) \\
&:= 66 \times 66/(6 - ((6 + 6)/6)) \\
&:= 77/7 + 77 \times (7 + 7) \\
&:= 8/8 + (8 \times (8 \times (8 + 8) + 8)) \\
&:= 99 \times (99/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1090 &:= 1 + (11 \times (1 + 1 + 1))^{1+1} \\
&:= 2/2 + ((22/2 + 22)^2) \\
&:= 3/3 + 33 \times 33 \\
&:= (4 + 4)/4 + (4 \times (4 \times 4 + 4^4)) \\
&:= 55 \times (5 \times 5 - 5) - 5 - 5 \\
&:= 66 + (((6 + 6)/6)^{(66-6)/6}) \\
&:= 77 \times (7 + 7) + (77 + 7)/7 \\
&:= (8 + 8)/8 + (8 \times (8 \times (8 + 8) + 8)) \\
&:= ((99 \times 99) + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1091 &:= 1 + 1 + (11 \times (1 + 1 + 1))^{1+1} \\
&:= 2 + ((22/2 + 22)^2) \\
&:= 3 + (33 \times 33 - 3/3) \\
&:= 4 + (((4^4 - 4)/4) + 4 \times 4^4) \\
&:= 5 + (5555/5 - 5 \times 5) \\
&:= 66/6 + (6 \times 6 \times (6 \times 6 - 6)) \\
&:= 7 + ((77 \times (7 + 7) - 7/7) + 7) \\
&:= 88/8 + ((8 \times (8 \times (8 + 8) + 8)) - 8) \\
&:= (((99 \times 99) + 9) + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1092 &:= 1 + 1 + 1 + (11 \times (1 + 1 + 1))^{1+1} \\
&:= (22 + 2 + 2) \times ((2 \times 22) - 2) \\
&:= 3 + 33 \times 33 \\
&:= 4 + (4 \times (4 \times 4 + 4^4)) \\
&:= 5 + ((5555 + 5)/5 - 5 \times 5) \\
&:= 6 + ((6 \times 6 \times (6 \times 6 - 6)) + 6) \\
&:= 7 + (77 \times (7 + 7) + 7) \\
&:= ((8888 - 88)/8) - 8 \\
&:= ((9999 - 9)/9) - (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1093 &:= 1111 - (1 + 1) \times (11 - 1 - 1) \\
&:= 2 + (((22/2 + 22)^2) + 2) \\
&:= 3 + (33 \times 33 + 3/3) \\
&:= 4 + ((4 \times (4 \times 4 + 4^4)) + 4/4) \\
&:= 55 \times (5 \times 5 - 5) - ((5 + 5)/5 + 5) \\
&:= (6666/6) - 6 - 6 - 6 \\
&:= 7 + ((77 \times (7 + 7) + 7/7) + 7) \\
&:= ((8888 - (8 + 8))/8) - 8 - 8 \\
&:= 9999/9 - (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1094 &:= 1 + (1111 - (1 + 1) \times (11 - 1 - 1)) \\
&:= 2 + ((22 + 2 + 2) \times ((2 \times 22) - 2)) \\
&:= 3 + ((33 \times 33 - 3/3) + 3) \\
&:= (4444 - 4)/4 - 4 \times 4 \\
&:= 55 \times (5 \times 5 - 5) - (5/5 + 5) \\
&:= ((6666 - 66)/6) - 6 \\
&:= 7 + ((77 \times (7 + 7) + ((7 + 7)/7)) + 7) \\
&:= (8888 - 8)/8 - 8 - 8 \\
&:= (9999 + 9)/9 - (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1095 &:= 1111 - ((1 + 1)^{1+1+1+1}) \\
&:= (2222/2) - 2^{2+2} \\
&:= 3 + (33 \times 33 + 3) \\
&:= 4444/4 - 4 \times 4 \\
&:= 55 \times (5 \times 5 - 5) - 5 \\
&:= 6 + (66 \times 66/(6 - ((6 + 6)/6))) \\
&:= 7 + (77 \times (7 + 7) + ((77 - 7)/7)) \\
&:= 8888/8 - 8 - 8 \\
&:= 9 + (((99 \times 99) - (9 + 9 + 9))/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1096 &:= 1111 - (1 + 1 + 1 + 1 + 11) \\
&:= 2 \times (2^{2+2+2} + 22^2) \\
&:= 3 + ((33 \times 33 + 3/3) + 3) \\
&:= 4 + ((4 \times (4 \times 4 + 4^4)) + 4) \\
&:= 5/5 + (55 \times (5 \times 5 - 5) - 5) \\
&:= 6 + (((6 + 6)/6)^{(66-6)/6} + 66) \\
&:= 7 + (77 \times (7 + 7) + (77/7)) \\
&:= 8 + (8 \times (8 \times (8 + 8) + 8)) \\
&:= 9 + (((99 \times 99) - (9 + 9))/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1097 &:= 1111 - 1 - 1 - 1 - 1 - 11 \\
&:= 2 + ((2222/2) - 2^{2+2}) \\
&:= 3 \times 3 + (33 \times 33 - 3/3) \\
&:= 4 + (((4 \times (4 \times 4 + 4^4)) + 4/4) + 4) \\
&:= (5 + 5)/5 + (55 \times (5 \times 5 - 5) - 5) \\
&:= 6 + ((6 \times 6 \times (6 \times 6 - 6)) + (66/6)) \\
&:= 7777/7 - (7 + 7) \\
&:= 8 + ((8 \times (8 \times (8 + 8) + 8)) + 8/8) \\
&:= 9 + (((99 \times 99) - 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1098 &:= 1111 - 1 - 1 - 1 - 11 \\
&:= (22 \times ((2 \times (22 + 2)) + 2)) - 2 \\
&:= 3 \times (333 + 33) \\
&:= 4 + ((4444 - 4)/4 - 4 \times 4) \\
&:= 55 \times (5 \times 5 - 5) - (5 + 5)/5 \\
&:= 666 + (6 \times (66 + 6)) \\
&:= (7777 + 7)/7 - (7 + 7) \\
&:= 8 + ((8 \times (8 \times (8 + 8) + 8)) + ((8 + 8)/8)) \\
&:= 99 + 999
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1099 &:= 1111 - 1 - 11 \\
&:= (2222 - (22 + 2))/2 \\
&:= 3 \times 3 + (33 \times 33 + 3/3) \\
&:= 4 + (4444/4 - 4 \times 4) \\
&:= 55 \times (5 \times 5 - 5) - 5/5 \\
&:= (6666/6) - 6 - 6 \\
&:= 7 + ((77 \times (7 + 7) + 7) + 7) \\
&:= 88/8 + (8 \times (8 \times (8 + 8) + 8)) \\
&:= 9 + (((99 \times 99) + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1100 &:= 1111 - 11 \\
&:= 22 \times ((2 \times (22 + 2)) + 2) \\
&:= 33/3 + 33 \times 33 \\
&:= 44 + 4 \times (4^4 + 4 + 4) \\
&:= 55 \times (5 \times 5 - 5) \\
&:= (6666 - 66)/6 \\
&:= (7777 - 77)/7 \\
&:= (8888 - 88)/8 \\
&:= 99/9 \times (9/9 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1101 &:= 1 + (1111 - 11) \\
&:= ((2222 - 22) + 2)/2 \\
&:= 3 + (33 \times 33 + 3 \times 3) \\
&:= 4 \times 4^4 + ((4 - 4/4)^4 - 4) \\
&:= 5/5 + 55 \times (5 \times 5 - 5) \\
&:= ((6666 - 66) + 6)/6 \\
&:= (7777 - 77 + 7)/7 \\
&:= ((8888 - (8 + 8))/8) - 8 \\
&:= ((9999 - 9)/9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1102 &:= 1 + (1 + (1111 - 11)) \\
&:= 2 + (22 \times ((2 \times (22 + 2)) + 2)) \\
&:= 3333/3 - 3 \times 3 \\
&:= (4444 - 4)/4 - 4 - 4 \\
&:= (5 + 5)/5 + 55 \times (5 \times 5 - 5) \\
&:= ((6666 - (6 + 6 + 6))/6) - 6 \\
&:= ((7777 - 7 - 7)/7) - 7 \\
&:= (8888 - 8)/8 - 8 \\
&:= 9999/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1103 &:= 1 + (1 + (1 + (1111 - 11))) \\
&:= (2222/2) - 2 \times (2 + 2) \\
&:= 3 + (33 \times 33 + 33/3) \\
&:= 4444/4 - 4 - 4 \\
&:= 5 + (55 \times (5 \times 5 - 5) - ((5 + 5)/5)) \\
&:= ((6666 - (6 + 6))/6) - 6 \\
&:= (7777 - 7)/7 - 7 \\
&:= 8888/8 - 8 \\
&:= (9999 + 9)/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1104 &:= 1 + (1 + (1 + (1 + (1111 - 11)))) \\
&:= (22 + 2) \times ((2 \times 22) + 2) \\
&:= 3 + (33 \times 33 + 3 \times 3 + 3) \\
&:= 4 \times ((4 \times 4 + 4^4) + 4) \\
&:= 5 + (55 \times (5 \times 5 - 5) - 5/5) \\
&:= ((6666 - 6)/6) - 6 \\
&:= 7777/7 - 7 \\
&:= 8 + ((8 \times (8 \times (8 + 8) + 8)) + 8) \\
&:= (((9999 + 9) + 9)/9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1105 &:= 1111 - ((1 + 1) \times (1 + 1 + 1)) \\
&:= (2222/2) - (2 + 2 + 2) \\
&:= 3333/3 - (3 + 3) \\
&:= 4 \times 4^4 + (4 - 4/4)^4 \\
&:= 5 + 55 \times (5 \times 5 - 5) \\
&:= (6666/6) - 6 \\
&:= (7777 + 7)/7 - 7 \\
&:= (8/8 + 8 + 8) \times (8/8 + 8 \times 8) \\
&:= 9 \times 9 + (((9 + 9)/9)^{9/9+9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1106 &:= 1111 - 1 - 1 - 1 - 1 - 1 \\
&:= 2 + ((22 + 2) \times ((2 \times 22) + 2)) \\
&:= ((3333 + 3)/3) - (3 + 3) \\
&:= (4444 - 4)/4 - 4 \\
&:= 5555/5 - 5 \\
&:= (6666 + 6)/6 - 6 \\
&:= 77 + 7 \times 7 \times (7 + 7 + 7) \\
&:= ((8888 + 88)/8) - 8 - 8 \\
&:= 9 + (((99 \times 99) - 9)/9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1107 &:= 1111 - 1 - 1 - 1 - 1 \\
&:= (2222/2) - 2 - 2 \\
&:= 3 \times ((333 + 33) + 3) \\
&:= 4444/4 - 4 \\
&:= (5555 + 5)/5 - 5 \\
&:= (((6666 + 6) + 6)/6) - 6 \\
&:= 7 + ((7777 - 77)/7) \\
&:= 8 + ((8 \times (8 \times (8 + 8) + 8)) + (88/8)) \\
&:= 9 + (999 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1108 &:= 1111 - 1 - 1 - 1 \\
&:= 2 \times (((22 + 2)^2) - 22) \\
&:= 3333/3 - 3 \\
&:= 4 + (4 \times ((4 \times 4 + 4^4) + 4)) \\
&:= (5 + 5)/5 \times (555 - 5/5) \\
&:= (6666 - (6 + 6 + 6))/6 \\
&:= (7777 - 7 - 7 - 7)/7 \\
&:= 8 + ((8888 - 88)/8) \\
&:= 9 + (((99 \times 99) + 9)/9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1109 &:= 1111 - 1 - 1 \\
&:= (2222/2) - 2 \\
&:= ((3333 + 3)/3) - 3 \\
&:= (4444 - (4 + 4))/4 \\
&:= (5555 - (5 + 5))/5 \\
&:= (6666 - (6 + 6))/6 \\
&:= (7777 - 7 - 7)/7 \\
&:= (8888 - (8 + 8))/8 \\
&:= (9999 - (9 + 9))/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1110 &:= 1111 - 1 \\
&:= (2222 - 2)/2 \\
&:= (3333 - 3)/3 \\
&:= (4444 - 4)/4 \\
&:= (5 + 5) \times 555/5 \\
&:= (6666 - 6)/6 \\
&:= (7777 - 7)/7 \\
&:= (8888 - 8)/8 \\
&:= (9999 - 9)/9
\end{aligned}$$

$$\begin{aligned} \blacktriangleright 1111 &:= 1111 \\ &:= 2222/2 \\ &:= 3333/3 \\ &:= 4444/4 \\ &:= 5555/5 \\ &:= 6666/6 \\ &:= 7777/7 \\ &:= 8888/8 \\ &:= 9999/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 1112 &:= 1 + 1111 \\ &:= (2222 + 2)/2 \\ &:= (3333 + 3)/3 \\ &:= (4444 + 4)/4 \\ &:= (5555 + 5)/5 \\ &:= (6666 + 6)/6 \\ &:= (7777 + 7)/7 \\ &:= 88 + 8 \times 8 \times (8 + 8) \\ &:= (9999 + 9)/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 1113 &:= 1 + 1 + 1111 \\ &:= 2 + (2222/2) \\ &:= 3 + ((3333 - 3)/3) \\ &:= ((4444 + 4) + 4)/4 \\ &:= ((5555 + 5) + 5)/5 \\ &:= ((6666 + 6) + 6)/6 \\ &:= 7 \times 7 \times 7 + (777 - 7) \\ &:= ((8888 + 8) + 8)/8 \\ &:= ((9999 + 9) + 9)/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 1114 &:= 1 + 1 + 1 + 1111 \\ &:= 2 + ((2222 + 2)/2) \\ &:= 3 + 3333/3 \\ &:= 4 + (4444 - 4)/4 \\ &:= 5 + ((5555 - (5 + 5))/5) \\ &:= (((6666 + 6) + 6) + 6)/6 \\ &:= ((7777 + 7 + 7) + 7)/7 \\ &:= (((8888 + 8) + 8) + 8)/8 \\ &:= (((9999 + 9) + 9) + 9)/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 1115 &:= 1 + 1 + 1 + 1 + 1111 \\ &:= 2 + ((2222/2) + 2) \\ &:= 3 + ((3333 + 3)/3) \\ &:= 4 + 4444/4 \\ &:= 5 + (555 + 555) \\ &:= 6 + ((6666 - (6 + 6))/6) \\ &:= ((7777 + 77)/7) - 7 \\ &:= (8/((8 + 8)/8)) + 8888/8 \\ &:= 9 + (((((99 \times 99) - 9)/9) + 9) + 9) \end{aligned}$$

$$\begin{aligned} \blacktriangleright 1116 &:= 1 + 1 + 1 + 1 + 1 + 1111 \\ &:= 2 + (((2222 + 2)/2) + 2) \\ &:= 3^3 + 33 \times 33 \\ &:= 4 + (4444 + 4)/4 \\ &:= 5 + 5555/5 \\ &:= 6 \times (6 \times (6 \times 6 - 6) + 6) \\ &:= 7 + ((7777 - 7 - 7)/7) \\ &:= 8 + (((8888 - 88)/8) + 8) \\ &:= 9 + (999 + 99 + 9) \end{aligned}$$

$$\begin{aligned} \blacktriangleright 1117 &:= 1111 + (1 + 1) \times (1 + 1 + 1) \\ &:= 2 + (((2222/2) + 2) + 2) \\ &:= 3 + 3333/3 + 3 \\ &:= 4 + (((4444 + 4) + 4)/4) \\ &:= 5 + (5555 + 5)/5 \\ &:= 6 + (6666/6) \\ &:= 7 + (7777 - 7)/7 \\ &:= 8 + ((8888 - (8 + 8))/8) \\ &:= 9 + (((((99 \times 99) + 9)/9) + 9) + 9) \end{aligned}$$

$$\begin{aligned} \blacktriangleright 1118 &:= (11 - 1) \times (1 + 111) - 1 - 1 \\ &:= 2 + (((2222 + 2)/2) + 2) + 2) \\ &:= 3 + ((3333 + 3)/3 + 3) \\ &:= 4 + ((4444 - 4)/4 + 4) \\ &:= 5 + (5555 + 5 + 5)/5 \\ &:= 6 + (6666 + 6)/6 \\ &:= 7 + 7777/7 \\ &:= 8 + (8888 - 8)/8 \\ &:= 9 + ((9999 - (9 + 9))/9) \end{aligned}$$

$$\begin{aligned} \blacktriangleright 1119 &:= (11 - 1) \times (1 + 111) - 1 \\ &:= 2 \times (2 + 2) + (2222/2) \\ &:= 3 + (33 \times 33 + 3^3) \\ &:= 4 + (4444/4 + 4) \\ &:= (((5 + 5) \times (555 + 5)) - 5)/5 \\ &:= 6 + (((6666 + 6) + 6)/6) \\ &:= 7 + (7777 + 7)/7 \\ &:= 8 + 8888/8 \\ &:= 9 + ((9999 - 9)/9) \end{aligned}$$

$$\begin{aligned} \blacktriangleright 1120 &:= (11 - 1) \times (1 + 111) \\ &:= 2 \times (((22 + 2)^2) - 2^{2+2}) \\ &:= 3 \times 3 + 3333/3 \\ &:= 4 \times (((4 \times 4 + 4^4) + 4) + 4) \\ &:= (5 + 5) \times (555 + 5)/5 \\ &:= 6 + (((6666 + 6) + 6) + 6)/6 \\ &:= 7 \times 7 \times 7 + 777 \\ &:= 8 + (8 \times 8 \times (8 + 8) + 88) \\ &:= 9 + 9999/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 1121 &:= 11 + 1111 - 1 \\ &:= ((2222 - 2) + 22)/2 \\ &:= 3 \times 3 + ((3333 + 3)/3) \\ &:= 4 \times (4^4 + 4) + (4 - 4/4)^4 \\ &:= 5 + (5555/5 + 5) \\ &:= (66 \times (66/6 + 6)) - 6/6 \\ &:= 7/7 + (7 \times 7 \times 7 + 777) \\ &:= 8 + (((8888 + 8) + 8)/8) \\ &:= 9 + (9999 + 9)/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 1122 &:= 11 + 1111 \\ &:= (2222 + 22)/2 \\ &:= 33 + 33 \times 33 \\ &:= (4444 + 44)/4 \\ &:= (5555 + 55)/5 \\ &:= 66 \times (66/6 + 6) \\ &:= (7777 + 77)/7 \\ &:= (8888 + 88)/8 \\ &:= (9999 + 99)/9 \end{aligned}$$

$$\begin{aligned} \blacktriangleright 1123 &:= 1 + 11 + 1111 \\ &:= ((2222 + 22) + 2)/2 \\ &:= 3 + (3333/3 + 3 \times 3) \\ &:= 4 + (4444/4 + 4 + 4) \\ &:= ((5555 + 55) + 5)/5 \\ &:= 6 + ((6666/6) + 6) \\ &:= (7777 + 77 + 7)/7 \\ &:= ((8888 + 88) + 8)/8 \\ &:= 99 + (((9 + 9)/9)^{9/9+9}) \end{aligned}$$

$$\begin{aligned} \blacktriangleright 1124 &:= 1 + 1 + 11 + 1111 \\ &:= 2 + ((2222 + 22)/2) \\ &:= ((3 \times 3 + 3 + 3)^3 - 3)/3 \\ &:= 4 + (4 \times ((4 \times 4 + 4^4) + 4) + 4) \\ &:= (5 - 5/5)^5 + 5 \times (5 \times 5 - 5) \\ &:= 6 + ((6666 + 6)/6 + 6) \\ &:= 7 + ((7777 - 7)/7 + 7) \\ &:= (((8888 + 88) + 8) + 8)/8 \\ &:= ((9 \times 999) + 9/9)/(9 - 9/9) \end{aligned}$$

$$\begin{aligned} \blacktriangleright 1125 &:= 1 + 1 + 1 + 11 + 1111 \\ &:= 2 + (((2222 + 22) + 2)/2) \\ &:= (3 \times 3 + 3 + 3)^3/3 \\ &:= 4 + (4 \times (4^4 + 4) + (4 - 4/4)^4) \\ &:= 5 \times 5 \times (55 - 5 - 5) \\ &:= 6 \times 66 + ((6 \times 6/(6 + 6))^6) \\ &:= 7 + (7777/7 + 7) \\ &:= 8 + (((8888 - (8 + 8))/8) + 8) \\ &:= (9 \times ((99 + 9 + 9) + 9)) - 9 \end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1126 &:= 1+1+1+1+1+1+111 \\
&:= (2 \times ((22+2)^2) - 2) - 22 \\
&:= ((3 \times 3+3+3)^3 + 3)/3 \\
&:= 4 + (4444+44)/4 \\
&:= 5 + ((5555/5+5)+5) \\
&:= 6 + (((6666+6)+6)+6)/6 + 6 \\
&:= 7 + ((7777+7)/7+7) \\
&:= 8 + ((8888-8)/8+8) \\
&:= 9/9 + ((9 \times ((99+9+9)+9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1127 &:= 1111 + (1+1)^{1+1+1} \\
&:= 2^{2+2} + (2222/2) \\
&:= 3 + (((3 \times 3+3+3)^3 - 3)/3) \\
&:= 4 \times 4 + 4444/4 \\
&:= 5 + ((5555+55)/5) \\
&:= 6 + ((66 \times (66/6+6)) - 6/6) \\
&:= 7 \times ((77+77)+7) \\
&:= 8 + (8888/8+8) \\
&:= 9 + (((9999-9+9)/9)+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1128 &:= (11-1) \times (1+1+111) - 1 - 1 \\
&:= (2 \times ((22+2)^2)) - (22+2) \\
&:= 3 + ((3 \times 3+3+3)^3/3) \\
&:= 4 \times 4 + (4444+4)/4 \\
&:= 5 + (((5555+55)+5)/5) \\
&:= 6 + (66 \times (66/6+6)) \\
&:= 7/7 + (77 \times (7+7) + 7 \times 7) \\
&:= 8 \times (8 \times 8 + 88) - 88 \\
&:= 9 + (((9999-9)/9)+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1129 &:= (11-1) \times (1+1+111) - 1 \\
&:= 2 + ((2222/2) + 2^{2+2}) \\
&:= 3 + (((3 \times 3+3+3)^3 + 3)/3) \\
&:= 4 \times 4 + (((4444+4)+4)/4) \\
&:= 5 + ((5-5/5)^5 + 5 \times (5 \times 5 - 5)) \\
&:= 6 + (((6666/6)+6)+6) \\
&:= 7 + ((7777+77)/7) \\
&:= 8 + (((8888+8)+8)/8+8) \\
&:= 9 + (9999/9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1130 &:= (11-1) \times (1+1+111) \\
&:= (2 \times ((22+2)^2)) - 22 \\
&:= 3 + (((3 \times 3+3+3)^3 - 3)/3) + 3 \\
&:= 4 + ((4444+44)/4+4) \\
&:= 5 + (5 \times 5 \times (55-5-5)) \\
&:= 6 + (((6666+6)/6+6)+6) \\
&:= 7 + ((7777+77+7)/7) \\
&:= 8 + ((8888+88)/8) \\
&:= 9 + ((9999+9)/9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1131 &:= 1 + (11-1) \times (1+1+111) \\
&:= 22 + ((2222/2) - 2) \\
&:= (3^3 \times (3 \times 3+33)) - 3 \\
&:= 4 + (4444/4+4 \times 4) \\
&:= 5 \times 5 + (5555/5-5) \\
&:= 6 + (((6 \times 6/(6+6))^6) + 6 \times 66) \\
&:= 7 + (((7777-7)/7+7)+7) \\
&:= 8 + (((8888+88)+8)/8) \\
&:= 9 + ((9999+99)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1132 &:= 11 + 11 + 1111 - 1 \\
&:= 2 + ((2 \times ((22+2)^2)) - 22) \\
&:= 3 + ((3 \times 3+3+3)^3 + 3)/3 + 3 \\
&:= 44 + (4 \times (4 \times 4+4^4)) \\
&:= 5 + (((5555+55)/5)+5) \\
&:= ((66-6)/6) + (66 \times (66/6+6)) \\
&:= 7 + ((7777/7+7)+7) \\
&:= ((88 \times (888/8-8)) - 8)/8 \\
&:= 9 + (((9+9)/9)^{9/9+9}) + 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1133 &:= 11 + 11 + 1111 \\
&:= 22 + (2222/2) \\
&:= ((33/3)^3) - 33 \times (3+3) \\
&:= 44 + ((4 \times (4 \times 4+4^4)) + 4/4) \\
&:= ((5555+55)+55)/5 \\
&:= 66/6 + (66 \times (66/6+6)) \\
&:= 7 + (((7777+7)/7+7)+7) \\
&:= 88/8 \times (888/8-8) \\
&:= (9 \times ((99+9+9)+9)) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1134 &:= 1 + 11 + 11 + 1111 \\
&:= 22 + ((2222+2)/2) \\
&:= 3^3 \times (3 \times 3+33) \\
&:= 4 \times 4^4 + (444-4)/4 \\
&:= 55 + ((5-5/5)^5 + 55) \\
&:= 6 + ((66 \times (66/6+6)) + 6) \\
&:= 7 + (77 \times (7+7) + 7 \times 7) \\
&:= 8 + (((8888-8)/8+8)+8) \\
&:= 9 \times ((99+9+9)+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1135 &:= 111 + (1+1)^{11-1} \\
&:= 2 + ((2222/2) + 22) \\
&:= 3^3 + (3333/3 - 3) \\
&:= 4 \times 4^4 + 444/4 \\
&:= 5 + ((5 \times 5 \times (55-5-5)) + 5) \\
&:= 6 + (((6666/6)+6)+6)+6 \\
&:= 7 + ((77 \times (7+7) + 7 \times 7) + 7/7) \\
&:= 8 + ((8888/8+8)+8) \\
&:= 9/9 + (9 \times ((99+9+9)+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1136 &:= 1 + 111 + (1+1)^{11-1} \\
&:= 2 \times (((22+2)^2) - 2 \times (2+2)) \\
&:= ((3 \times 3+3+3)^3 + 33)/3 \\
&:= 4 \times ((4^4 - 4 \times 4) + 44) \\
&:= 5 \times 5 + 5555/5 \\
&:= 6 \times 6 + ((6666-66)/6) \\
&:= 7 + (((7777+77)/7)+7) \\
&:= (8+8) \times ((8 \times 8 - 8/8) + 8) \\
&:= (9+9)/9 + (9 \times ((99+9+9)+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1137 &:= 1 + 1 + 111 + (1+1)^{11-1} \\
&:= 2 + (((2222/2) + 22) + 2) \\
&:= 3 + (3^3 \times (3 \times 3+33)) \\
&:= 4^4 + ((4/4+4)^4 + 4^4) \\
&:= 5 \times 5 + (5555+5)/5 \\
&:= 6 + (((6 \times 6/(6+6))^6) + 6 \times 66) + 6 \\
&:= (77/7 \times (777/7-7)) - 7 \\
&:= 8/8 + ((8+8) \times ((8 \times 8 - 8/8) + 8)) \\
&:= 9 + (((9999-9)/9)+9)+9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1138 &:= 1111 + (1+1+1)^{1+1+1} \\
&:= 2 + (2 \times (((22+2)^2) - 2 \times (2+2))) \\
&:= 3^3 + 3333/3 \\
&:= 4 + ((444-4)/4+4 \times 4^4) \\
&:= 5 \times 5 + (5555+5+5)/5 \\
&:= ((6+6)/6)^6 + ((6 \times 6 \times (6 \times 6 - 6)) - 6) \\
&:= 7 \times 7 + (77 \times (7+7) + (77/7)) \\
&:= 8 + (((8888+88)/8)+8) \\
&:= 9 + ((9999/9+9)+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1139 &:= (11-1) \times (1+1+1+111) - 1 \\
&:= (2 \times ((22+2)^2)) - (22/2+2) \\
&:= 3^3 + ((3333+3)/3) \\
&:= 4 + (444/4+4 \times 4^4) \\
&:= ((5^5 - 555) + 5^5)/5 \\
&:= (66/6+6) \times (66+6/6) \\
&:= 7 + (((7777/7+7)+7)+7) \\
&:= 8 + (((8888+88)+8)/8)+8 \\
&:= 9 + (((9999+9)/9)+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1140 &:= (11-1) \times (1+1+1+111) \\
&:= 2 \times (((22+2)^2) - (2+2+2)) \\
&:= 3 + ((3^3 \times (3 \times 3+33)) + 3) \\
&:= 4 + (44 \times (4 \times 4+4) + 4^4) \\
&:= (5+5) \times (5 \times 5 \times 5 - (55/5)) \\
&:= 66 + ((6 \times 6 \times (6 \times 6 - 6)) - 6) \\
&:= (7/7+7+7) \times (77-7/7) \\
&:= ((88+8)/8) \times (88-8/8+8) \\
&:= 9 + (((9999+99)/9)+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1141 &:= 1 + (11 - 1) \times (1 + 1 + 1 + 111) \\
&:= (2 \times ((22 + 2)^2)) - 22/2 \\
&:= 3 + (3333/3 + 3^3) \\
&:= 4 + (((4/4 + 4)^4 + 4^4) + 4^4) \\
&:= 5 + (5555/5 + 5 \times 5) \\
&:= 6 \times 6 + ((6666/6) - 6) \\
&:= 7 + ((77 \times (7 + 7) + 7 \times 7) + 7) \\
&:= (8 + 8) \times (8 \times 8 + 8) - 88/8 \\
&:= (9 - ((9 + 9)/9)) \times (9 \times (9 + 9) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1142 &:= 1 + 1 + (11 - 1) \times (1 + 1 + 1 + 111) \\
&:= (2 \times (22 \times (22 + 2 + 2))) - 2 \\
&:= 3 + (((3333 + 3)/3) + 3^3) \\
&:= 4 \times (4 + 4) + (4444 - 4)/4 \\
&:= 5 + ((5555 + 5)/5 + 5 \times 5) \\
&:= 6 \times 6 + ((6666 + 6)/6 - 6) \\
&:= 7 + (((77 \times (7 + 7) + 7 \times 7) + 7/7) + 7) \\
&:= (8 - 88)/8 + (8 + 8) \times (8 \times 8 + 8) \\
&:= 9 + (9 \times ((99 + 9 + 9) + 9)) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1143 &:= 1111 + 11 \times (1 + 1 + 1) - 1 \\
&:= 2 + ((2 \times ((22 + 2)^2)) - 22/2) \\
&:= 3 \times ((3 \times (3 \times 33 + 3^3)) + 3) \\
&:= 4 \times (4 + 4) + 4444/4 \\
&:= ((5 + 5)/5)^5 + 5555/5 \\
&:= 6 \times 6 + (((6666 + 6) + 6)/6) - 6) \\
&:= ((77 \times (77/7 - 7)) - 7)/7 \\
&:= (8/8 + 8) \times (8 \times (8 + 8) - 8/8) \\
&:= 9 + (9 \times ((99 + 9 + 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1144 &:= 1111 + 11 \times (1 + 1 + 1) \\
&:= 2 \times (22 \times (22 + 2 + 2)) \\
&:= 33 + 3333/3 \\
&:= 4^4 + (444 + 444) \\
&:= 5 \times 5 \times 5 + ((5 - 5/5)^5 - 5) \\
&:= 66/6 \times (((666 - 6)/6) - 6) \\
&:= 77/7 \times (777/7 - 7) \\
&:= (8 + 8) \times (8 \times 8 + 8) - 8 \\
&:= 9 + (9 \times ((99 + 9 + 9) + 9)) + 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1145 &:= 11^{1+1} + (1 + 1)^{11-1} \\
&:= 2/2 + (2 \times (22 \times (22 + 2 + 2))) \\
&:= 33 + ((3333 + 3)/3) \\
&:= 4^4 + (((4 + 4) \times 444 + 4)/4) \\
&:= (5 + 5) \times (5 \times 5 \times 5 - 5) - 55 \\
&:= 6 + ((66/6 + 6) \times (66 + 6/6)) \\
&:= (((7 + 7)/7 + 7) \times ((7 + 7)/7)^7) - 7 \\
&:= 8/8 + ((8 + 8) \times (8 \times 8 + 8) - 8) \\
&:= 99/9 + (9 \times ((99 + 9 + 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1146 &:= 1 + (11^{1+1} + (1 + 1)^{11-1}) \\
&:= (2 \times (((22 + 2)^2) - 2)) - 2 \\
&:= 3333 - (3 \times 3^{3+3}) \\
&:= 4 \times 4^4 + ((444 + 44)/4) \\
&:= 5 + ((5555/5 + 5 \times 5) + 5) \\
&:= 66 + (6 \times 6 \times (6 \times 6 - 6)) \\
&:= 7 \times 7 + (7777/7 - (7 + 7)) \\
&:= (8 + 8)/8 + ((8 + 8) \times (8 \times 8 + 8) - 8) \\
&:= 9 + (((9999 - 9)/9) + 9) + 9 + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1147 &:= 1111 + ((1 + 1 + 1) \times (1 + 11)) \\
&:= (2 \times (((22 + 2)^2) - 2)) - 2/2 \\
&:= 3 + (3333/3 + 33) \\
&:= 4 + (4444/4 + 4 \times (4 + 4)) \\
&:= 5 \times 5 + ((5555 + 55)/5) \\
&:= 6 \times 6 + (6666/6) \\
&:= 7 + ((7/7 + 7 + 7) \times (77 - 7/7)) \\
&:= 88/8 + ((8 + 8) \times ((8 \times 8 - 8/8) + 8)) \\
&:= 9 + (((9999/9 + 9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1148 &:= 1111 + (111/(1 + 1 + 1)) \\
&:= 2 \times (((22 + 2)^2) - 2) \\
&:= 3 + (((3333 + 3)/3) + 33) \\
&:= 444 + 4 \times 4 \times 44 \\
&:= 5 \times 5 \times 5 + ((5 - 5/5)^5 - 5/5) \\
&:= 6 \times 6 + (6666 + 6)/6 \\
&:= 77 + (77 \times (7 + 7) - 7) \\
&:= 8 \times 88 + 888/((8 + 8)/8) \\
&:= 9 + (((9999 + 9)/9 + 9) + 9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1149 &:= 1 + (1111 + (111/(1 + 1 + 1))) \\
&:= 2/2 + (2 \times (((22 + 2)^2) - 2)) \\
&:= 3^3 + (33 \times 33 + 33) \\
&:= 44 + ((4 - 4/4)^4 + 4 \times 4^4) \\
&:= 5 \times 5 \times 5 + (5 - 5/5)^5 \\
&:= 6 \times 6 + (((6666 + 6) + 6)/6) \\
&:= 7/7 + ((77 \times (7 + 7) - 7) + 77) \\
&:= 8 + ((8 + 8) \times (8 \times 8 + 8) - (88/8)) \\
&:= 9 + (((9999 + 99)/9) + 9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1150 &:= (1 + 1) \times (((1 + 1) \times (1 + 11))^{1+1}) - 1 \\
&:= (2 \times ((22 + 2)^2)) - 2 \\
&:= 3 + ((3333/3 + 33) + 3) \\
&:= 44 + ((4444 - 4)/4 - 4) \\
&:= 5 \times (5 \times (55 - 5 - 5) + 5) \\
&:= ((6 \times 6 - ((6 + 6)/6))^{(6+6)/6}) - 6 \\
&:= 7 + (((77 \times (777/7 - 7)) - 7)/7) \\
&:= (8 + 8) \times (8 \times 8 + 8) - (8 + 8)/8 \\
&:= 999 + (9 \times (9 + 9) - (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1151 &:= ((1 + 1) \times (((1 + 1) \times (1 + 11))^{1+1})) - 1 \\
&:= (2 \times ((22 + 2)^2)) - 2/2 \\
&:= 3^3 + (((3 \times 3 + 3 + 3)^3 - 3)/3) \\
&:= 44 + (4444/4 - 4) \\
&:= 5/5 + (5 \times (5 \times (55 - 5 - 5) + 5)) \\
&:= (66 \times (6 + 6 + 6)) - (6 \times 6 + 6/6) \\
&:= 7 + (77/7 \times (777/7 - 7)) \\
&:= (8 + 8) \times (8 \times 8 + 8) - 8/8 \\
&:= 99 + ((9 \times (99 + 9 + 9)) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1152 &:= (1 + 1) \times (((1 + 1) \times (1 + 11))^{1+1}) \\
&:= 2 \times ((22 + 2)^2) \\
&:= 3 \times ((3 + 3) \times ((3/3 + 3)^3)) \\
&:= 4 \times (4 \times (4 + 4) + 4^4) \\
&:= ((5 + 5)/5)^5 \times (55/5 + 5 \times 5) \\
&:= 6 \times ((6 \times (6 \times 6 - 6) + 6) + 6) \\
&:= ((7 + 7)/7 + 7) \times ((7 + 7)/7)^7 \\
&:= (8 + 8) \times (8 \times 8 + 8) \\
&:= 99 + (9 \times (99 + 9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1153 &:= 1 + ((1 + 1) \times (((1 + 1) \times (1 + 11))^{1+1})) \\
&:= 2/2 + (2 \times ((22 + 2)^2)) \\
&:= ((3/3 + 3)^3) + 33 \times 33 \\
&:= 4/4 + (4 \times (4 \times (4 + 4) + 4^4)) \\
&:= 5 + (((5 - 5/5)^5 - 5/5) + 5 \times 5 \times 5) \\
&:= 6 + ((6666/6) + 6 \times 6) \\
&:= 7 \times 7 + (7777/7 - 7) \\
&:= 8/8 + (8 + 8) \times (8 \times 8 + 8) \\
&:= 9/9 + ((9 \times (99 + 9 + 9)) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1154 &:= (1 + 1) \times (1 + (((1 + 1) \times (1 + 11))^{1+1})) \\
&:= 2 + (2 \times ((22 + 2)^2)) \\
&:= (3 - 3/3) \times (((3 \times 3 + 3)^3 + 3)/3) \\
&:= 44 + (4444 - 4)/4 \\
&:= 5 + ((5 - 5/5)^5 + 5 \times 5 \times 5) \\
&:= 6 + ((6666 + 6)/6 + 6 \times 6) \\
&:= 77 + (77 \times (7 + 7) - 7/7) \\
&:= (8 + 8)/8 + (8 + 8) \times (8 \times 8 + 8) \\
&:= 9 + (9 \times ((99 + 9 + 9) + 9)) + (99/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1155 &:= ((1 + 11 \times (1 + 1 + 1))^{1+1}) - 1 \\
&:= 2 + ((2 \times ((22 + 2)^2)) + 2/2) \\
&:= 33 \times ((33 - 3/3) + 3) \\
&:= 44 + 4444/4 \\
&:= 55 + 55 \times (5 \times 5 - 5) \\
&:= 66/6 \times (666/6 - 6) \\
&:= 77 + 77 \times (7 + 7) \\
&:= 88/8 + ((8 + 8) \times (8 \times 8 + 8) - 8) \\
&:= 99/9 \times ((99 - ((9 + 9 + 9)/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1156 &:= (1 + 11 \times (1 + 1 + 1))^{1+1} \\
&:= 2 \times (((22 + 2)^2) + 2) \\
&:= (3/3 + 33)^{3-3/3} \\
&:= 4 + (4 \times (4 \times (4 + 4) + 4^4)) \\
&:= 55 + (55 \times (5 \times 5 - 5) + 5/5) \\
&:= (6 \times 6 - ((6 + 6)/6))^{(6+6)/6} \\
&:= 7/7 + (77 \times (7 + 7) + 77) \\
&:= (8/(8 + 8)/8) + (8 + 8) \times (8 \times 8 + 8) \\
&:= ((999/9 - 9)^{(9+9)/9})/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1157 &:= 1 + ((1 + 11 \times (1 + 1 + 1))^{1+1}) \\
&:= 2/2 + (2 \times (((22 + 2)^2) + 2)) \\
&:= 3/3 + ((3/3 + 33)^{3-3/3}) \\
&:= 4 + ((4 \times (4 \times (4 + 4) + 4^4)) + 4/4) \\
&:= 5 + (((5 + 5)/5)^5 \times (55/5 + 5 \times 5)) \\
&:= 6 + ((66 \times (6 + 6 + 6)) - (6 \times 6 + 6/6)) \\
&:= 77 + (77 \times (7 + 7) + ((7 + 7)/7)) \\
&:= (8/8 + 88) \times (88 + 8 + 8)/8 \\
&:= (((9 + 9)/9)^{99/9}) - 9 \times 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1158 &:= 1 + (1 + ((1 + 11 \times (1 + 1 + 1))^{1+1})) \\
&:= 2 + (2 \times (((22 + 2)^2) + 2)) \\
&:= 3 + (33 \times ((33 - 3/3) + 3)) \\
&:= 4 + ((4444 - 4)/4 + 44) \\
&:= 555 + ((5^5 - (55 + 55))/5) \\
&:= 6 + (6 \times ((6 \times (6 \times 6 - 6) + 6) + 6)) \\
&:= 7 \times 7 + ((7777 - 7 - 7)/7) \\
&:= 8 + ((8 + 8) \times (8 \times 8 + 8) - ((8 + 8)/8)) \\
&:= 9 \times 9 + (((99 \times 99) - (99 + 9))/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1159 &:= 1 + (1 + (1 + ((1 + 11 \times (1 + 1 + 1))^{1+1}))) \\
&:= 2 + ((2 \times (((22 + 2)^2) + 2)) + 2/2) \\
&:= 3 + ((3/3 + 33)^{3-3/3}) \\
&:= 4 + (4444/4 + 44) \\
&:= 5 + (((5 - 5/5)^5 + 5 \times 5 \times 5) + 5) \\
&:= 6 + (((6666/6) + 6 \times 6) + 6) \\
&:= 7 \times 7 + (7777 - 7)/7 \\
&:= 8 + ((8 + 8) \times (8 \times 8 + 8) - 8/8) \\
&:= 9 \times 9 + ((99/9) \times (99 - 9/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1160 &:= (11 - 1) \times (1 + 1 + 1 + 1 + 1 + 111) \\
&:= 2 \times (((22 + 2)^2) + 2) + 2 \\
&:= 33 \times 33 + (((3 + 3)^3 - 3)/3) \\
&:= 4 + ((4 \times (4 \times (4 + 4) + 4^4)) + 4) \\
&:= (5 + 5) \times (555/5 + 5) \\
&:= 6 + (((6666 + 6)/6 + 6 \times 6) + 6) \\
&:= 7 \times 7 + 7777/7 \\
&:= 8 + (8 + 8) \times (8 \times 8 + 8) \\
&:= 999 + (9 \times (9 + 9) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1161 &:= 1111 + ((11 - 1)^{1+1}/(1 + 1)) \\
&:= 2/2 + (2 \times (((22 + 2)^2) + 2) + 2) \\
&:= (33 \times (33 + 3)) - 3^3 \\
&:= (44 - 4/4) \times (44/4 + 4 \times 4) \\
&:= 55 + (5555/5 - 5) \\
&:= 6 + ((66/6) \times (666/6 - 6)) \\
&:= 7 \times 7 + (7777 + 7)/7 \\
&:= 8 + ((8 + 8) \times (8 \times 8 + 8) + 8/8) \\
&:= 999 + 9 \times (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1162 &:= 11^{1+1+1} - (1 + 1 + 11)^{1+1} \\
&:= 2 + (2 \times (((22 + 2)^2) + 2) + 2) \\
&:= 3 + (((3/3 + 33)^{3-3/3}) + 3) \\
&:= (4 + 4)/4 \times ((4/4 + 4)^4 - 44) \\
&:= 55 + ((5555 + 5)/5 - 5) \\
&:= 6 + ((6 \times 6 - ((6 + 6)/6))^{(6+6)/6}) \\
&:= 7 + (77 \times (7 + 7) + 77) \\
&:= 8 + ((8 + 8) \times (8 \times 8 + 8) + ((8 + 8)/8)) \\
&:= 9/9 + (999 + 9 \times (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1163 &:= 11 + ((1 + 1) \times (((1 + 1) \times (1 + 11))^{1+1})) \\
&:= 22/2 + (2 \times ((22 + 2)^2)) \\
&:= 3 + (3 - 3/3)^{3 \times 3} + 3 \times (3 + 3)^3 \\
&:= 4 + ((4444/4 + 44) + 4) \\
&:= 55 + ((5 + 5)/5 \times (555 - 5/5)) \\
&:= 66/6 + (6 \times ((6 \times (6 \times 6 - 6) + 6) + 6)) \\
&:= 7 + ((77 \times (7 + 7) + 77) + 7/7) \\
&:= 88/8 + (8 + 8) \times (8 \times 8 + 8) \\
&:= (9 + 9)/9 + (999 + 9 \times (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1164 &:= (1 + 11) \times (111 - (1 + (1 + 1 + 11))) \\
&:= 2 \times (((22 + 2)^2) + 2) + 2 + 2 \\
&:= 3 + ((33 \times (33 + 3)) - 3^3) \\
&:= 444 + (4 \times (4 \times 44 + 4)) \\
&:= 55 + ((5555 - (5 + 5))/5) \\
&:= 6 \times 6 \times 6 \times 6 - (66 + 66) \\
&:= (77 + 7)/7 \times (7 \times (7 + 7) - 7/7) \\
&:= 8 \times 8 + ((8888 - 88)/8) \\
&:= 999/9 + (9 \times (99 + 9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1165 &:= 1111 + ((111 - 1)/(1 + 1) - 1) \\
&:= 2 + ((2 \times ((22 + 2)^2)) + 22/2) \\
&:= 3^3 + (3333/3 + 3^3) \\
&:= 4 + ((44 - 4/4) \times (44/4 + 4 \times 4)) \\
&:= 5 + ((5 + 5) \times (555/5 + 5)) \\
&:= 66 + ((6666/6) - (6 + 6)) \\
&:= (7 + 7) \times (77 + 7) - 77/7 \\
&:= 8 + ((8/8 + 88) \times (88 + 8 + 8)/8) \\
&:= 9 + (((999/9 - 9)^{(9+9)/9})/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1166 &:= 11 \times (111 - (1 + (1 + 1 + 1 + 1))) \\
&:= 2 + (2 \times (((22 + 2)^2) + 2) + 2) + 2) \\
&:= ((33/3)^3) - ((3 + 3) \times 3^3 + 3) \\
&:= (44 \times (4^4 - 44))/(4 + 4) \\
&:= 55 + 5555/5 \\
&:= 66 + ((6666 - 66)/6) \\
&:= 7 + ((7777 - 7)/7 + 7 \times 7) \\
&:= 8 \times 8 + ((8888 - 8)/8 - 8) \\
&:= 99/9 \times ((99 - ((9 + 9)/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1167 &:= 11 + ((1 + 11 \times (1 + 1 + 1))^{1+1}) \\
&:= 22/2 + (2 \times (((22 + 2)^2) + 2)) \\
&:= 33 + (3^3 \times (3 \times 3 + 33)) \\
&:= 444/4 + 4 \times (4^4 + 4 + 4) \\
&:= 55 + (5555 + 5)/5 \\
&:= ((6 \times (6 \times 66 - 6)) - 6)/((6 + 6)/6) \\
&:= 7 + (7777/7 + 7 \times 7) \\
&:= 8 \times 8 + (8888/8 - 8) \\
&:= ((99 - 9/9) \times ((99 + 9)/9)) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1168 &:= (1 + 11)^{1+1} + (1 + 1)^{11-1} \\
&:= 2 \times (((22 + 2)^2) + 2 \times (2 + 2)) \\
&:= 3 + (3/3 + 33)^{3-3/3} + 3 \times 3 \\
&:= 4 \times ((4 \times (4 + 4) + 4^4) + 4) \\
&:= 55 + (5555 + 5 + 5)/5 \\
&:= 6 + (((6 \times 6 - ((6 + 6)/6))^{(6+6)/6}) + 6) \\
&:= (7 + 7) \times (77 + 7) - (7/7 + 7) \\
&:= 8 + ((8 + 8) \times (8 \times 8 + 8) + 8) \\
&:= 9 \times 9 + (((99 \times 99) - (9 + 9))/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1169 &:= 1 + ((1 + 11)^{1+1} + (1 + 1)^{11-1}) \\
&:= (((2 \times 22) + 2)^2) + 222/2 \\
&:= ((33/3)^3) - (3 + 3) \times 3^3 \\
&:= 4/4 + (4 \times ((4 \times (4 + 4) + 4^4) + 4)) \\
&:= 555 + ((5^5 - 55)/5) \\
&:= ((6 + 6 + 6) \times (66 - 6/6)) - 6/6 \\
&:= (7 + 7) \times (77 + 7) - 7 \\
&:= 8 + (((8 + 8) \times (8 \times 8 + 8) + 8/8) + 8) \\
&:= 9 \times 9 + (((99 \times 99) - 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1170 &:= (11 - 1) \times (111 + ((1 + 1) \times (1 + 1 + 1))) \\
&:= 22 + (2 \times (((22 + 2)^2) - 2)) \\
&:= (3 + 3) \times (33 \times (3 + 3) - 3) \\
&:= 4 + ((44 \times (4^4 - 44))/(4 + 4)) \\
&:= (5 + 5) \times ((555 + 5)/5 + 5) \\
&:= (6 + 6 + 6) \times (66 - 6/6) \\
&:= 7/7 + ((7 + 7) \times (77 + 7) - 7) \\
&:= (8/8 + 8) \times (8 \times (8 + 8) + ((8 + 8)/8)) \\
&:= 9 + (999 + 9 \times (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1171 &:= 1111 + (11^{1+1} - 1)/(1+1) \\
&:= 2 + (((2 \times 22) + 2)^2) + 222/2) \\
&:= 3^3 + (3333/3 + 33) \\
&:= ((4444 + 4^4)/4) - 4 \\
&:= 5 + (5555/5 + 55) \\
&:= 66 + ((6666/6) - 6) \\
&:= 7 \times 7 + ((7777 + 77)/7) \\
&:= 8 + ((8 + 8) \times (8 \times 8 + 8) + (88/8)) \\
&:= 9 \times 9 + (((99 \times 99) + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1172 &:= 1111 + ((1 + 11^{1+1})/(1+1)) \\
&:= 22 + ((2 \times ((22 + 2)^2)) - 2) \\
&:= 3 + (33/3)^3 - (3 + 3) \times 3^3 \\
&:= 4 + (4 \times ((4 \times (4 + 4) + 4^4) + 4)) \\
&:= 5 + ((5555 + 5)/5 + 55) \\
&:= 66 + ((6666 + 6)/6 - 6) \\
&:= 7 + ((7 + 7) \times (77 + 7) - (77/7)) \\
&:= 8 + (((8888 - 88)/8) + 8 \times 8) \\
&:= 9 \times 9 + (((99 \times 99) + 9) + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1173 &:= 1 + (1111 + ((1 + 11^{1+1})/(1+1))) \\
&:= 22 + ((2 \times ((22 + 2)^2)) - 2/2) \\
&:= 3 + (33 \times 33 + 3 \times 3^3) \\
&:= (4 \times 4 + 4/4) \times ((4^4 + 4)/4 + 4) \\
&:= 555 + ((5^5 - 5 - 5)/5 - 5) \\
&:= ((6 \times (6 \times 66 - 6) + 6)/((6 + 6)/6)) \\
&:= (7 + 7) \times (77 + 7) - (7 + 7 + 7)/7 \\
&:= 8 \times 8 + ((8888 - (8 + 8))/8) \\
&:= 9 + ((9 \times (99 + 9 + 9)) + 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1174 &:= (1 + 1) \times (11 + (((1 + 1) \times (1 + 11))^{1+1})) \\
&:= 22 + (2 \times ((22 + 2)^2)) \\
&:= (33 \times (33 + 3)) - (33/3 + 3) \\
&:= ((4444 - 4) + 4^4)/4 \\
&:= 555 + ((5^5 - 5)/5 - 5) \\
&:= 66 + ((6666 - (6 + 6 + 6))/6) \\
&:= (7 + 7) \times (77 + 7) - (7 + 7)/7 \\
&:= 8 \times 8 + (8888 - 8)/8 \\
&:= 9 \times 9 + (9999/9 - (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1175 &:= 1111 + ((1 + 1)^{(1+1) \times (1+1+1)}) \\
&:= 22 + ((2 \times ((22 + 2)^2)) + 2/2) \\
&:= ((3/3 + 3)^3) + 3333/3 \\
&:= (4444 + 4^4)/4 \\
&:= 5^5/5 + (5 + 5) \times 55 \\
&:= 66 + ((6666 - (6 + 6))/6) \\
&:= (7 + 7) \times (77 + 7) - 7/7 \\
&:= 8 \times 8 + 8888/8 \\
&:= (((99 + 9) \times (99 - 9/9)) - 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1176 &:= (1 + 11) \times (111 - 1 - 1 - 11) \\
&:= 2 + ((2 \times ((22 + 2)^2)) + 22) \\
&:= (3/3 + 3) \times (3 \times 3 \times 33 - 3) \\
&:= (4 \times ((4^4 - 4) + 44)) - 4 - 4 \\
&:= 555 + ((5^5 + 5)/5 - 5) \\
&:= (66 \times (6 + 6 + 6)) - 6 - 6 \\
&:= (7 + 7) \times (77 + 7) \\
&:= 88 + (8 \times (8 \times (8 + 8) + 8)) \\
&:= (99 - 9/9) \times ((99 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1177 &:= 11 \times (111 - (1 + 1 + 1 + 1)) \\
&:= 22/2 \times (222/2 - (2 + 2)) \\
&:= (33 \times (33 + 3)) - 33/3 \\
&:= 44/4 \times (444/4 - 4) \\
&:= 55 + ((5555 + 55)/5) \\
&:= 66 + (6666/6) \\
&:= 7/7 + (7 + 7) \times (77 + 7) \\
&:= 8/8 + ((8 \times (8 \times (8 + 8) + 8)) + 88) \\
&:= 99/9 \times ((99 - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1178 &:= 1 + (11 \times (111 - (1 + 1 + 1 + 1))) \\
&:= 22 + (2 \times (((22 + 2)^2) + 2)) \\
&:= ((3 - 33)/3) + (33 \times (33 + 3)) \\
&:= 4 + (((4444 - 4) + 4^4)/4) \\
&:= 555 + ((5^5 - 5 - 5)/5) \\
&:= 66 + (6666 + 6)/6 \\
&:= ((7 + 7)/7) + (7 + 7) \times (77 + 7) \\
&:= (88/8 + 8) \times (8 \times 8 - ((8 + 8)/8)) \\
&:= (((99 \times (99 + 9)) - 9)/9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1179 &:= (11 - 1 - 1) \times ((11 \times (1 + 11)) - 1) \\
&:= 2 + (22/2 \times (222/2 - (2 + 2))) \\
&:= 3 \times ((33 \times (3 \times 3 + 3)) - 3) \\
&:= 4 + ((4444 + 4^4)/4) \\
&:= 555 + ((5^5 - 5)/5) \\
&:= 66 + (((6666 + 6) + 6)/6) \\
&:= ((7 + 7 + 7)/7) + (7 + 7) \times (77 + 7) \\
&:= 8 + (((8 + 8) \times (8 \times 8 + 8) + (88/8)) + 8) \\
&:= 99 + (999 + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1180 &:= (11 - 1) \times (11^{1+1} - (1 + 1 + 1)) \\
&:= 2 + ((2 \times (((22 + 2)^2) + 2)) + 22) \\
&:= 3 + ((33 \times (33 + 3)) - 33/3) \\
&:= (4 \times ((4^4 - 4) + 44)) - 4 \\
&:= 5^5/5 + 555 \\
&:= (66 \times (6 + 6 + 6)) - ((6 + 6)/6 + 6) \\
&:= 77 + (((7777 - 7)/7) - 7) \\
&:= 88 + (((8888 - 88)/8) - 8) \\
&:= (((99 \times (99 + 9)) + 9)/9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1181 &:= 1 + (11 - 1) \times (11^{1+1} - 1 - 1 - 1) \\
&:= (((22/2 + 22) + 2)^2) - (2 \times 22) \\
&:= (33 \times (33 + 3)) - ((3/3 + 3) + 3) \\
&:= 4 + (44/4 \times (444/4 - 4)) \\
&:= 555 + (5^5 + 5)/5 \\
&:= (66 \times (6 + 6 + 6)) - 6/6 - 6 \\
&:= 77 + (7777/7 - 7) \\
&:= 8 + (((8888 - (8 + 8))/8) + 8 \times 8) \\
&:= 9 \times 9 + ((99/9) \times (9/9 + 99))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1182 &:= 1 + 1 + (11 - 1) \times (11^{1+1} - 1 - 1 - 1) \\
&:= 22 + (2 \times (((22 + 2)^2) + 2) + 2)) \\
&:= (33 \times (33 + 3)) - (3 + 3) \\
&:= (4 \times ((4^4 - 4) + 44)) - (4 + 4)/4 \\
&:= 555 + (5^5 + 5 + 5)/5 \\
&:= (66 \times (6 + 6 + 6)) - 6 \\
&:= 7 + ((7 + 7) \times (77 + 7) - 7/7) \\
&:= 8 + ((8888 - 8)/8 + 8 \times 8) \\
&:= 9 \times 9 + (((9999 - 9)/9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1183 &:= 1111 + (1 + 11)^{1+1}/(1 + 1) \\
&:= 222 + (((2/2 + 2)^2 + 22)^2) \\
&:= (3333 + (3 + 3)^3)/3 \\
&:= (4 \times ((4^4 - 4) + 44)) - 4/4 \\
&:= 5 + ((5^5 - 5 - 5)/5 + 555) \\
&:= 6 + ((6666/6) + 66) \\
&:= 7 + (7 + 7) \times (77 + 7) \\
&:= 8 + (8888/8 + 8 \times 8) \\
&:= 9 \times 9 + (9999/9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1184 &:= 11 \times 111 - 111/(1 + 1 + 1) \\
&:= 2 \times (((22 + 2)^2) + 2^{2+2}) \\
&:= (33 \times (33 + 3)) - (3/3 + 3) \\
&:= 4 \times ((4^4 - 4) + 44) \\
&:= 5 + ((5^5 - 5)/5 + 555) \\
&:= 6 + ((6666 + 6)/6 + 66) \\
&:= 7 + ((7 + 7) \times (77 + 7) + 7/7) \\
&:= 8 + ((8 \times (8 \times (8 + 8) + 8)) + 88) \\
&:= 9 \times 9 + ((9999 + 9)/9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1185 &:= 11 \times 111 - (1 + 1 + 1) \times (1 + 11) \\
&:= (2 + 2 + 2)^{2+2} - 222/2 \\
&:= (33 \times (33 + 3)) - 3 \\
&:= 4/4 + (4 \times ((4^4 - 4) + 44)) \\
&:= 5 + (5^5/5 + 555) \\
&:= 6 \times 6 \times 6 \times 6 - 666/6 \\
&:= 7 + ((7 + 7) \times (77 + 7) + ((7 + 7)/7)) \\
&:= (8 - 8/8 + 8) \times (88 - (8/8 + 8)) \\
&:= 9 + ((99 - 9/9) \times ((99 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1186 &:= 11 \times (111 - 1 - 1 - 1) - 1 - 1 \\
&:= 222 + (2 \times (22^2 - 2)) \\
&:= 3/3 + ((33 \times (33 + 3)) - 3) \\
&:= (4 + 4)/4 + (4 \times ((4^4 - 4) + 44)) \\
&:= 5 + ((5^5 + 5)/5 + 555) \\
&:= (66 \times (6 + 6 + 6)) - (6 + 6)/6 \\
&:= 77 + ((7777 - 7 - 7)/7) \\
&:= 8 \times 8 + ((8888 + 88)/8) \\
&:= ((99 \times (99 + 9)) - (9 + 9))/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1187 &:= 11 \times (111 - 1 - 1 - 1) - 1 \\
&:= 2 + ((2 + 2 + 2)^{2+2} - 222/2) \\
&:= (33 \times (33 + 3)) - 3/3 \\
&:= 4 + ((4 \times ((4^4 - 4) + 44)) - 4/4) \\
&:= 5 + ((5^5 + 5 + 5)/5 + 555) \\
&:= (66 \times (6 + 6 + 6)) - 6/6 \\
&:= 77 + (7777 - 7)/7 \\
&:= 8 \times 8 + (((8888 + 88) + 8)/8) \\
&:= ((99 \times (99 + 9)) - 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1188 &:= 11 \times (111 - 1 - 1 - 1) \\
&:= 22 \times (2 \times (22 + 2 + 2) + 2) \\
&:= 33 \times (33 + 3) \\
&:= 4 + (4 \times ((4^4 - 4) + 44)) \\
&:= (55 - 5/5) \times (55 + 55)/5 \\
&:= 66 \times (6 + 6 + 6) \\
&:= 77 + 7777/7 \\
&:= 88 + ((8888 - 88)/8) \\
&:= 99 \times ((99 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1189 &:= 1 + 11 \times (111 - 1 - 1 - 1) \\
&:= 222 + ((2 \times 22^2) - 2/2) \\
&:= 3/3 + (33 \times (33 + 3)) \\
&:= 4 \times (44 + 4^4) - 44/4 \\
&:= 5 + (((5^5 - 5)/5 + 555) + 5) \\
&:= 6/6 + (66 \times (6 + 6 + 6)) \\
&:= 77 + (7777 + 7)/7 \\
&:= ((88/8 + 8) \times (8 \times 8 - 8/8)) - 8 \\
&:= ((99 \times (99 + 9)) + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1190 &:= (11 - 1) \times (11^{1+1} - 1 - 1) \\
&:= 222 + (2 \times 22^2) \\
&:= 3 + ((33 \times (33 + 3)) - 3/3) \\
&:= (4 - 44)/4 + 4 \times (44 + 4^4) \\
&:= 5 \times (((5 - (5 + 5)/5)^5) - 5) \\
&:= (6 + 6)/6 + (66 \times (6 + 6 + 6)) \\
&:= 7 + ((7 + 7) \times (77 + 7) + 7) \\
&:= 88 + ((8888 - 8)/8 - 8) \\
&:= (((99 \times (99 + 9)) + 9) + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1191 &:= 1 + (11 - 1) \times (11^{1+1} - 1 - 1) \\
&:= 2/2 + ((2 \times 22^2) + 222) \\
&:= 3 + (33 \times (33 + 3)) \\
&:= 4 \times 4 + ((4444 + 4^4)/4) \\
&:= 555 + ((55 + 5^5)/5) \\
&:= (6 \times 6 \times 66 + 6)/(6 + 6)/6 \\
&:= 7 + (((7 + 7) \times (77 + 7) + 7/7) + 7) \\
&:= 88 + (8888/8 - 8) \\
&:= 9 \times 9 + ((9999 - 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1192 &:= 1111 + (11 - 1 - 1)^{1+1} \\
&:= 2 + ((2 \times 22^2) + 222) \\
&:= 3 + ((33 \times (33 + 3)) + 3/3) \\
&:= 4 \times (44 + 4^4) - 4 - 4 \\
&:= 555 + ((55 + 5^5 + 5)/5) \\
&:= 6 + ((66 \times (6 + 6 + 6)) - ((6 + 6)/6)) \\
&:= 7 + (((7 + 7) \times (77 + 7) + (7 + 7)/7) + 7) \\
&:= (8 + 8) \times (88 - 8) - 88 \\
&:= 9 \times 9 + 9999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1193 &:= 1 + 1111 + (11 - 1 - 1)^{1+1} \\
&:= 2 + (((2 \times 22^2) + 222) + 2/2) \\
&:= 3 + (((33 \times (33 + 3)) - 3/3) + 3) \\
&:= 4 + (4 \times (44 + 4^4) - 44/4) \\
&:= ((5 + 5)/5 \times (5^5 - 5)/5) - 55 \\
&:= 6 + ((66 \times (6 + 6 + 6)) - 6/6) \\
&:= 7 + (((7777 - 7 - 7)/7) + 77) \\
&:= 8/8 + ((8 + 8) \times (88 - 8) - 88) \\
&:= 9 \times 9 + (9999 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1194 &:= 11 \times 111 - ((1 + 1 + 1)^{1+1+1}) \\
&:= 222 + (2 \times (22^2 + 2)) \\
&:= 3 + ((33 \times (33 + 3)) + 3) \\
&:= 4 \times (44 + 4^4) - ((4 + 4)/4 + 4) \\
&:= ((5^5 - 5 + 5^5)/5) - 55 \\
&:= 6 + (66 \times (6 + 6 + 6)) \\
&:= 7 + ((7777 - 7)/7 + 77) \\
&:= 8 + (((8888 + 88)/8) + 8 \times 8) \\
&:= 9 \times 9 + (((9999 + 9) + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1195 &:= 11 \times 111 - ((1 + 1) \times (1 + 1 + 11)) \\
&:= (2 \times ((22 + 2)^2) + 22) - 2/2 \\
&:= 3 + (((33 \times (33 + 3)) + 3/3) + 3) \\
&:= 4 \times (44 + 4^4) - (4/4 + 4) \\
&:= 5 \times 5 \times 5 \times (5 + 5) - 55 \\
&:= 6 + ((66 \times (6 + 6 + 6)) + 6/6) \\
&:= 7 + (7777/7 + 77) \\
&:= 8 + (((8888 + 88) + 8)/8) + 8 \times 8 \\
&:= 9 + (((99 \times (99 + 9)) - (9 + 9))/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1196 &:= (11 \times (111 - 1 - 1)) - 1 - 1 - 1 \\
&:= 2 \times (((22 + 2)^2) + 22) \\
&:= 3 \times 3 + ((33 \times (33 + 3)) - 3/3) \\
&:= 4 \times (44 + 4^4) - 4 \\
&:= ((5^5 + 5^5 + 5)/5) - 55 \\
&:= 6 + ((66 \times (6 + 6 + 6)) + ((6 + 6)/6)) \\
&:= 7 + ((7777 + 7)/7 + 77) \\
&:= 8 + (((8888 - 88)/8) + 88) \\
&:= 9 + (((99 \times (99 + 9)) - 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1197 &:= (11 \times (111 - 1 - 1)) - 1 - 1 \\
&:= 2/2 + (2 \times (((22 + 2)^2) + 22)) \\
&:= 3 \times ((33 \times (3 \times 3 + 3)) + 3) \\
&:= 4/4 + (4 \times (44 + 4^4) - 4) \\
&:= ((5 + 5)/5 \times (5^5 + 5)/5) - 55 \\
&:= 6 + ((6 \times 6 \times 66 + 6)/((6 + 6)/6)) \\
&:= 7 + (((7 + 7) \times (77 + 7) + 7) + 7) \\
&:= (88/8 + 8) \times (8 \times 8 - 8/8) \\
&:= 9 + (99 \times ((99 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1198 &:= (11 \times (111 - 1 - 1)) - 1 \\
&:= 2 + (2 \times (((22 + 2)^2) + 22)) \\
&:= 3 \times 3 + ((33 \times (33 + 3)) + 3/3) \\
&:= 4 \times (44 + 4^4) - (4 + 4)/4 \\
&:= (5 + 5)/5 \times ((5^5 - 5)/5 - 5 \times 5) \\
&:= ((66 - 6)/6) + (66 \times (6 + 6 + 6)) \\
&:= 7 + (((7 + 7) \times (77 + 7) + 7/7) + 7) + 7) \\
&:= 88 + (8888 - 8)/8 \\
&:= 9 + (((99 \times (99 + 9)) + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1199 &:= 11 \times (111 - 1 - 1) \\
&:= 22/2 \times (222/2 - 2) \\
&:= 33/3 + (33 \times (33 + 3)) \\
&:= 4 \times (44 + 4^4) - 4/4 \\
&:= (5 + 5) \times (5 \times 5 \times 5 - 5) - 5/5 \\
&:= 66/6 + (66 \times (6 + 6 + 6)) \\
&:= 77 + ((7777 + 77)/7) \\
&:= 88 + 8888/8 \\
&:= 99/9 \times (9/9 + 99 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1200 &:= 1 + (11 \times (111 - 1 - 1)) \\
&:= (2/2 + 2) \times (22 - 2)^2 \\
&:= 3 + ((33 \times (33 + 3)) + 3 \times 3) \\
&:= 4 \times (44 + 4^4) \\
&:= (5 + 5) \times (5 \times 5 \times 5 - 5) \\
&:= 6 + ((66 \times (6 + 6 + 6)) + 6) \\
&:= (7 \times 7 - 7/7) \times (77/7 + 7 + 7) \\
&:= (8 + 8) \times (88/8 + 8 \times 8) \\
&:= (9/9 + 9) \times (999/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1201 &:= 1 + (1 + (11 \times (111 - 1 - 1))) \\
&:= 2 + (22/2 \times (222/2 - 2)) \\
&:= (3 \times (3^3 + 3)) + 3333/3 \\
&:= 4/4 + 4 \times (44 + 4^4) \\
&:= 5/5 + (5 + 5) \times (5 \times 5 \times 5 - 5) \\
&:= 6 + (((66 \times (6 + 6 + 6)) + 6/6) + 6) \\
&:= (7 \times 7 \times 7 \times 7 + 7/7) / ((7 + 7)/7) \\
&:= 8/8 + ((8 + 8) \times (88/8 + 8 \times 8)) \\
&:= 9 + (9999/9 + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1202 &:= 1 + (1 + (1 + (11 \times (111 - 1 - 1)))) \\
&:= 2 + ((2/2 + 2) \times (22 - 2)^2) \\
&:= 3 + ((33 \times (33 + 3)) + 33/3) \\
&:= (4 + 4)/4 + 4 \times (44 + 4^4) \\
&:= (5 + 5)/5 + (5 + 5) \times (5 \times 5 \times 5 - 5) \\
&:= 6 + (((66 \times (6 + 6 + 6)) + ((6 + 6)/6)) + 6) \\
&:= 7 + (7777/7 + 77) + 7 \\
&:= (88/8 \times (888 - 8)/8) - 8 \\
&:= 9 + ((9999 + 9)/9 + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1203 &:= 1 + (1 + (1 + (1 + (11 \times (111 - 1 - 1)))))) \\
&:= (2/2 + 2) \times ((22 - 2)^2 + 2/2) \\
&:= ((3 + 3) \times (33 \times (3 + 3) + 3)) - 3 \\
&:= 4 + (4 \times (44 + 4^4) - 4/4) \\
&:= 5 + ((5 + 5)/5 \times ((5^5 - 5)/5 - 5 \times 5)) \\
&:= ((6 \times (6 \times 66 + 6)) - 6) / ((6 + 6)/6) \\
&:= (77/7 \times (777 - 7)/7) - 7 \\
&:= 88/8 + ((8 + 8) \times (88 - 8) - 88) \\
&:= 9 \times 9 + ((9999 + 99)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1204 &:= (11 \times (111 - 1)) - ((1 + 1) \times (1 + 1 + 1)) \\
&:= 2 + (((2/2 + 2) \times (22 - 2)^2) + 2) \\
&:= (33 \times ((3 + 3)^3 + 3) - 3) / (3 + 3) \\
&:= 4 + 4 \times (44 + 4^4) \\
&:= 5 + ((5 + 5) \times (5 \times 5 \times 5 - 5) - 5/5) \\
&:= ((66/6) \times ((666 - 6)/6)) - 6 \\
&:= 7 \times ((7 \times 7 \times 7 \times 7 + 7) / (7 + 7)) \\
&:= 8 \times (8 \times 8 + 88) - (88 + 8)/8 \\
&:= 9 + (((99 \times (99 + 9)) - (9 + 9)) / 9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1205 &:= 11 \times 111 - ((1 + 1)^{1+1+1+1}) \\
&:= (2/2 + 2 + 2) \times (22^2 - 2)/2 \\
&:= ((33/3)^3) - (3 \times 33 + 3^3) \\
&:= 4 + (4 \times (44 + 4^4) + 4/4) \\
&:= 5 + (5 + 5) \times (5 \times 5 \times 5 - 5) \\
&:= 6 + ((66 \times (6 + 6 + 6)) + (66/6)) \\
&:= 7/7 + ((77 \times (7 + 7) + 77) + 7 \times 7) \\
&:= 8 \times (8 \times 8 + 88) - 88/8 \\
&:= 9 + (((99 \times (99 + 9)) - 9) / 9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1206 &:= (11 \times (111 - 1)) - 1 - 1 - 1 - 1 \\
&:= (2/2 + 2) \times ((22 - 2)^2 + 2) \\
&:= (3 + 3) \times (33 \times (3 + 3) + 3) \\
&:= 4 + (4 \times (44 + 4^4) + (4 + 4)/4) \\
&:= 5 + ((5 + 5) \times (5 \times 5 \times 5 - 5) + 5/5) \\
&:= (6 + 6 + 6) \times (66 + 6/6) \\
&:= 77 \times (7 + 7) + ((7 + 7)/7)^7 \\
&:= 8 + ((8888 - 8)/8 + 88) \\
&:= 9 + ((99 \times ((99 + 9)/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1207 &:= (11 \times (111 - 1)) - 1 - 1 - 1 \\
&:= 2 + ((2/2 + 2 + 2) \times (22^2 - 2)/2) \\
&:= 3/3 + ((3 + 3) \times (33 \times (3 + 3) + 3)) \\
&:= 4 + ((4 \times (44 + 4^4) - 4/4) + 4) \\
&:= 5 + ((5 + 5) \times (5 \times 5 \times 5 - 5) + ((5 + 5)/5)) \\
&:= 6/6 + ((6 + 6 + 6) \times (66 + 6/6)) \\
&:= 77/7 \times 777/7 - (7 + 7) \\
&:= 8 + (8888/8 + 88) \\
&:= 9 + (((99 \times (99 + 9)) + 9) / 9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1208 &:= (11 \times (111 - 1)) - 1 - 1 \\
&:= 2 + ((2/2 + 2) \times ((22 - 2)^2 + 2)) \\
&:= 3 + (((33/3)^3) - (3 \times 33 + 3^3)) \\
&:= 4 + (4 \times (44 + 4^4) + 4) \\
&:= (5 + 5)/5 \times ((55 \times 55 - 5)/5) \\
&:= (6 + 6)/6 + ((6 + 6 + 6) \times (66 + 6/6)) \\
&:= 7 \times (7 + 7) + (7777 - 7)/7 \\
&:= 8 \times (8 \times 8 + 88) - 8 \\
&:= 9 + ((99/9) \times (9/9 + 99 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1209 &:= (11 \times (111 - 1)) - 1 \\
&:= (2 \times 22^2) + (22^2 - 2)/2 \\
&:= 3 + ((3 + 3) \times (33 \times (3 + 3) + 3)) \\
&:= 4 + ((4 \times (44 + 4^4) + 4/4) + 4) \\
&:= (55 \times (55 + 55) - 5)/5 \\
&:= ((6 \times (6 \times 66 + 6)) + 6) / ((6 + 6)/6) \\
&:= 7 \times (7 + 7) + 7777/7 \\
&:= 8/8 + (8 \times (8 \times 8 + 88) - 8) \\
&:= 99 + ((9999 - 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1210 &:= 11 \times (111 - 1) \\
&:= 2 \times ((22/2)^2 + 22^2) \\
&:= 3 \times 33 + 3333/3 \\
&:= 44/4 \times (444 - 4)/4 \\
&:= 55 \times (55 + 55)/5 \\
&:= 66/6 \times ((666 - 6)/6) \\
&:= 77/7 \times (777 - 7)/7 \\
&:= 88/8 \times (888 - 8)/8 \\
&:= 99 + 9999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1211 &:= 1 + (11 \times (111 - 1)) \\
&:= (2 \times 22^2) + (22^2 + 2)/2 \\
&:= 3 \times 33 + ((3333 + 3)/3) \\
&:= 44/4 + 4 \times (44 + 4^4) \\
&:= (55 \times (55 + 55) + 5)/5 \\
&:= ((66 \times ((666 - 6)/6)) + 6)/6 \\
&:= (7 \times (7 \times (7 + 7) + 77)) - (7 + 7) \\
&:= ((88 \times (888 - 8)/8) + 8)/8 \\
&:= 99 + (9999 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1212 &:= 1 + (1 + (11 \times (111 - 1))) \\
&:= 2 + ((2 \times 22^2) + 22^2/2) \\
&:= 3^3 + ((33 \times (33 + 3)) - 3) \\
&:= (4 \times ((44 + 4^4) + 4)) - 4 \\
&:= (5 + 5)/5 \times ((55 \times 55 + 5)/5) \\
&:= 6 + ((6 + 6 + 6) \times (66 + 6/6)) \\
&:= 7/7 + ((7 \times (7 \times (7 + 7) + 77)) - (7 + 7)) \\
&:= 8 \times (8 \times 8 + 88) - (8 / ((8 + 8)/8)) \\
&:= ((99/9) \times 999/9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1213 &:= 1 + (1 + (1 + (11 \times (111 - 1)))) \\
&:= 22^2 + ((2/2 + 2)^{2+2+2}) \\
&:= 3 + (3333/3 + 3 \times 33) \\
&:= 4/4 + ((4 \times ((44 + 4^4) + 4)) - 4) \\
&:= (5 \times ((5 - (5 + 5)/5)^5)) - (5 + 5)/5 \\
&:= 6 \times 6 + ((6666/6) + 66) \\
&:= 7 + (77 \times (7 + 7) + ((7 + 7)/7)^7) \\
&:= 88/8 \times 888/8 - 8 \\
&:= (((99 \times 999/9) + 9) / 9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1214 &:= 1 + (1 + (1 + (1 + (11 \times (111 - 1)))))) \\
&:= 2 \times (((22/2)^2 + 22^2) + 2) \\
&:= 3^3 + ((33 \times (33 + 3)) - 3/3) \\
&:= 4 + (44/4 \times (444 - 4)/4) \\
&:= (5 \times ((5 - (5 + 5)/5)^5)) - 5/5 \\
&:= (((66 \times 666/6) - 6) / 6) - 6 \\
&:= 77/7 \times 777/7 - 7 \\
&:= 8 \times (8 \times 8 + 88) - (8 + 8)/8 \\
&:= 9 \times 99 + ((9 + 9) \times (9 + 9) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1215 &:= 11 \times 111 - ((1 + 1) \times (1 + 1 + 1)) \\
&:= (2/2 + 2 + 2) \times (22^2 + 2)/2 \\
&:= 3 \times (3^3 \times ((3 \times 3 + 3) + 3)) \\
&:= (44/4 + 4) \times (4 - 4/4)^4 \\
&:= 5 \times ((5 - (5 + 5)/5)^5) \\
&:= ((66/6) \times 666/6) - 6 \\
&:= ((7 + 7)/7 + 7) \times (((7 + 7)/7)^7 + 7) \\
&:= 8 \times (8 \times 8 + 88) - 8/8 \\
&:= 9 \times (((99 + 9 + 9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1216 &:= 11 \times 111 - 1 - 1 - 1 - 1 - 1 \\
&:= 2 \times ((2 \times 2^{2+2}) + ((22 \times 2)^2)) \\
&:= (3+3)^3 + ((3 \times 3 + 3/3)^3) \\
&:= 4 \times ((44 + 4^4) + 4) \\
&:= 5/5 + (5 \times ((5 - (5+5)/5)^5)) \\
&:= 6 + ((66/6) \times ((666 - 6)/6)) \\
&:= 7 + (7777/7 + 7 \times (7+7)) \\
&:= 8 \times (8 \times 8 + 88) \\
&:= 9/9 + ((9+9) \times (9+9) + 9 \times 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1217 &:= 11 \times 111 - 1 - 1 - 1 - 1 \\
&:= (22/2 \times 222/2) - 2 - 2 \\
&:= ((33/3)^3) - (333/3 + 3) \\
&:= 4/4 + (4 \times ((44 + 4^4) + 4)) \\
&:= (5+5)/5 + (5 \times ((5 - (5+5)/5)^5)) \\
&:= (6 \times (6 \times 6 \times 6 - (6+6))) - 6/6 - 6 \\
&:= 7 + (77/7 \times (777 - 7)/7) \\
&:= 8/8 + 8 \times (8 \times 8 + 88) \\
&:= 9 + (((99/9) \times (9/9 + 99 + 9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1218 &:= 11 \times 111 - 1 - 1 - 1 \\
&:= 22 + (2 \times (((22 + 2)^2) + 22)) \\
&:= 3 + ((33 \times (33 + 3)) + 3^3) \\
&:= (4+4)/4 + (4 \times ((44 + 4^4) + 4)) \\
&:= (5+5)/5 \times (((5^5 - 55)/5) - 5) \\
&:= (6 \times (6 \times 6 \times 6 - (6+6))) - 6 \\
&:= (7 \times (7 \times (7+7) + 77)) - 7 \\
&:= (8+8)/8 + 8 \times (8 \times 8 + 88) \\
&:= 9 + (((9999 - 9)/9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1219 &:= 11 \times 111 - 1 - 1 \\
&:= (22/2 \times 222/2) - 2 \\
&:= 3 + (((3 \times 3 + 3/3)^3) + (3+3)^3) \\
&:= 4 + ((44/4 + 4) \times (4 - 4/4)^4) \\
&:= 5 + ((5 \times ((5 - (5+5)/5)^5)) - 5/5) \\
&:= ((6 \times 6 - 6/6)^{(6+6)/6}) - 6 \\
&:= 7/7 + ((7 \times (7 \times (7+7) + 77)) - 7) \\
&:= 88/8 + (8 \times (8 \times 8 + 88) - 8) \\
&:= 9 + (9999/9 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1220 &:= 11 \times 111 - 1 \\
&:= ((22 \times 222/2) - 2)/2 \\
&:= ((33/3)^3) - 333/3 \\
&:= 4 + (4 \times ((44 + 4^4) + 4)) \\
&:= 5 + (5 \times ((5 - (5+5)/5)^5)) \\
&:= ((66 \times 666/6) - 6)/6 \\
&:= (77 \times 777/7 - 7)/7 \\
&:= ((88 \times 888/8) - 8)/8 \\
&:= ((99 \times 999/9) - 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1221 &:= 11 \times 111 \\
&:= 22/2 \times 222/2 \\
&:= 33 + (33 \times (33 + 3)) \\
&:= 44/4 \times 444/4 \\
&:= 55/5 \times 555/5 \\
&:= 66/6 \times 666/6 \\
&:= 77/7 \times 777/7 \\
&:= 88/8 \times 888/8 \\
&:= 99/9 \times 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1222 &:= 1 + 11 \times 111 \\
&:= ((22 \times 222/2) + 2)/2 \\
&:= ((33 \times 333/3) + 3)/3 \\
&:= ((44 \times 444/4) + 4)/4 \\
&:= ((55 \times 555/5) + 5)/5 \\
&:= ((66 \times 666/6) + 6)/6 \\
&:= (77 \times 777/7 + 7)/7 \\
&:= ((88 \times 888/8) + 8)/8 \\
&:= ((99 \times 999/9) + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1223 &:= 1 + (1 + 11 \times 111) \\
&:= 2 + (22/2 \times 222/2) \\
&:= ((33/3)^3) - (3 \times (33 + 3)) \\
&:= (((44 \times 444/4) + 4) + 4)/4 \\
&:= (5 \times (5 \times 5 \times (5+5) - 5)) - (5+5)/5 \\
&:= (6 \times (6 \times 6 \times 6 - (6+6))) - 6/6 \\
&:= (7 \times (7 \times (7+7) + 77)) - (7+7)/7 \\
&:= 8 + (8 \times (8 \times 8 + 88) - 8/8) \\
&:= 9 \times 9 \times 9 + (((9+9)/9)^9) - (9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1224 &:= 1 + (1 + (1 + 11 \times 111)) \\
&:= (2 \times 22^2) + 2^{2 \times (2+2)} \\
&:= 333 + (33 \times 3^3) \\
&:= 4 + ((4 \times ((44 + 4^4) + 4)) + 4) \\
&:= (5 \times (5 \times 5 \times (5+5) - 5)) - 5/5 \\
&:= 6 \times (6 \times 6 \times 6 - (6+6)) \\
&:= (7 \times (7 \times (7+7) + 77)) - 7/7 \\
&:= 8 + 8 \times (8 \times 8 + 88) \\
&:= (9 - 9/9) \times (9 \times (9+9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1225 &:= 1 + (1 + (1 + (1 + 11 \times 111))) \\
&:= ((22/2 + 22) + 2)^2 \\
&:= ((33 - 3/3) + 3)^{3-3/3} \\
&:= 4 + (44/4 \times 444/4) \\
&:= 5 \times (5 \times 5 \times (5+5) - 5) \\
&:= (6 \times 6 - 6/6)^{(6+6)/6} \\
&:= 7 \times (7 \times (7+7) + 77) \\
&:= 8 + (8 \times (8 \times 8 + 88) + 8/8) \\
&:= 9/9 + ((9 - 9/9) \times (9 \times (9+9) - 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1226 &:= 1 + (1 + (1 + (1 + (1 + 11 \times 111)))) \\
&:= 2 + ((2 \times 22^2) + 2^{2 \times (2+2)}) \\
&:= 3 + (((33/3)^3) - (3 \times (33 + 3))) \\
&:= 4 + (((44 \times 444/4) + 4)/4) \\
&:= 5 + 55/5 \times 555/5 \\
&:= 6 + (((66 \times 666/6) - 6)/6) \\
&:= 7/7 + (7 \times (7 \times (7+7) + 77)) \\
&:= 8 + (8 \times (8 \times 8 + 88) + ((8+8)/8)) \\
&:= (9+9)/9 + ((9 - 9/9) \times (9 \times (9+9) - 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1227 &:= 11 \times 111 + ((1+1) \times (1+1+1)) \\
&:= 2 + (((22/2 + 22) + 2)^2) \\
&:= 3 + ((33 \times 3^3) + 333) \\
&:= 44/4 + (4 \times ((44 + 4^4) + 4)) \\
&:= 5 + (((55 \times 555/5) + 5)/5) \\
&:= 6 + ((66/6) \times 666/6) \\
&:= 7 + ((77 \times 777/7 - 7)/7) \\
&:= 88/8 + 8 \times (8 \times 8 + 88) \\
&:= 9 + (((9999 - 9)/9) + 99) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1228 &:= (11 \times (1 + 111)) - 1 - 1 - 1 - 1 \\
&:= 2 \times ((2 \times (22 \times (2^{2+2} - 2))) - 2) \\
&:= 3 + (((33 - 3/3) + 3)^{3-3/3}) \\
&:= 44 \times (44 - 4 \times 4) - 4 \\
&:= (5+5)/5 \times ((5^5 - 55)/5) \\
&:= 6 + (((66 \times 666/6) + 6)/6) \\
&:= 7 + 77/7 \times 777/7 \\
&:= 8 + (((88 \times 888/8) - 8)/8) \\
&:= 9 + (9999/9 + 99) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1229 &:= (11 \times (1 + 111)) - 1 - 1 - 1 \\
&:= 2 + (((22/2 + 22) + 2)^2) + 2 \\
&:= ((33/3)^3) - (3 \times 33 + 3) \\
&:= 4 + ((44/4 \times 444/4) + 4) \\
&:= ((55 \times 55 - 5) + 5^5)/5 \\
&:= 6 \times 6 \times 6 \times 6 - (66 + 6/6) \\
&:= 7 + ((77 \times 777/7 + 7)/7) \\
&:= 8 + 88/8 \times 888/8 \\
&:= 9 + ((99 \times 999/9) - 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1230 &:= (11 \times (1 + 111)) - 1 - 1 \\
&:= (2 \times (2 + 2) + 2) \times ((22/2)^2 + 2) \\
&:= (3 + 3) \times ((3 + 3)^3 - 33/3) \\
&:= (4/4 + 4) \times ((4 - 44)/4 + 4^4) \\
&:= 5 + (5 \times (5 \times 5 \times (5+5) - 5)) \\
&:= 6 \times 6 \times 6 \times 6 - 66 \\
&:= (7 - 7/7) \times (((7+7)/7)^7 + 77) \\
&:= 8 + (((88 \times 888/8) + 8)/8) \\
&:= 9 + ((99/9) \times 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1231 &:= (11 \times (1 + 111)) - 1 \\
&:= ((22 \times (222 + 2)/2) - 2)/2 \\
&:= ((33/3)^3) - (3 \times 33 + 3/3) \\
&:= 44 \times (44 - 4 \times 4) - 4/4 \\
&:= ((55 \times 55 + 5^5) + 5)/5 \\
&:= 6 + ((6 \times 6 - 6/6)^{(6+6)/6}) \\
&:= 7 + ((7 \times (7 \times (7 + 7) + 77)) - 7/7) \\
&:= 8 + ((8 \times (8 \times 8 + 88) - 8/8) + 8) \\
&:= 9 + (((99 \times 999/9) + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1232 &:= 11 \times (1 + 111) \\
&:= 2 \times (2 \times (22 \times (2^{2+2} - 2))) \\
&:= ((33/3)^3) - 3 \times 33 \\
&:= 44 \times (44 - 4 \times 4) \\
&:= 55/5 \times (555 + 5)/5 \\
&:= 66/6 \times (666 + 6)/6 \\
&:= 7 + (7 \times (7 \times (7 + 7) + 77)) \\
&:= 8 + (8 \times (8 \times 8 + 88) + 8) \\
&:= 9 \times 9 \times 9 + (((9+9)/9)^9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1233 &:= 1 + (11 \times (1 + 111)) \\
&:= ((22 \times (222 + 2)/2) + 2)/2 \\
&:= 3 \times ((3 \times 3^3 - 3) + 333) \\
&:= 4/4 + 44 \times (44 - 4 \times 4) \\
&:= 5 + ((5 + 5)/5 \times ((5^5 - 55)/5)) \\
&:= 6 + (((66/6) \times 666/6) + 6) \\
&:= 7 + ((7 \times (7 \times (7 + 7) + 77)) + 7/7) \\
&:= 8 + ((8 \times (8 \times 8 + 88) + 8/8) + 8) \\
&:= 9 + ((9 - 9/9) \times (9 \times (9 + 9) - 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1234 &:= 1 + (1 + (11 \times (1 + 111))) \\
&:= 2 + (2 \times (2 \times (22 \times (2^{2+2} - 2)))) \\
&:= (33 \times 3^3) + (((3/3 + 3) + 3)^3) \\
&:= (4 + 4)/4 + 44 \times (44 - 4 \times 4) \\
&:= (((5^5 - 55) + 5^5)/5) - 5 \\
&:= 6 + (((66 \times 666/6) + 6)/6) + 6 \\
&:= 7 + (((77 \times 777/7 - 7)/7) + 7) \\
&:= 8 + ((8 \times (8 \times 8 + 88) + ((8 + 8)/8)) + 8) \\
&:= 9 + (((9 - 9/9) \times (9 \times (9 + 9) - 9)) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1235 &:= 1 + (1 + (1 + (11 \times (1 + 111)))) \\
&:= 2 + (((22 \times (222 + 2)/2) + 2)/2) \\
&:= 3 + (((33/3)^3) - 3 \times 33) \\
&:= 4 + (44 \times (44 - 4 \times 4) - 4/4) \\
&:= 5 + ((5 \times (5 \times 5 \times (5 + 5) - 5) + 5) \\
&:= 6 + (6 \times 6 \times 6 \times 6 - (66 + 6/6)) \\
&:= 7 + (77/7 \times 777/7 + 7) \\
&:= (88/8 + 8) \times (8/8 + 8 \times 8) \\
&:= 99/9 + ((9 - 9/9) \times (9 \times (9 + 9) - 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1236 &:= 1 + (1 + (1 + (1 + (11 \times (1 + 111)))))) \\
&:= 2 \times ((2 \times (22 \times (2^{2+2} - 2))) + 2) \\
&:= 3 + (3 \times ((3 \times 3^3 - 3) + 333)) \\
&:= 4 + 44 \times (44 - 4 \times 4) \\
&:= 5 \times 5 \times 5 + 5555/5 \\
&:= 6 + (6 \times 6 \times 6 \times 6 - 66) \\
&:= 77/7 + (7 \times (7 \times (7 + 7) + 77)) \\
&:= ((88 + 8)/8) \times (888/8 - 8) \\
&:= ((9 + 9)/9) \times (9 \times 9 \times 9 - 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1237 &:= 1 + (1 + (1 + (1 + (1 + (11 \times (1 + 111)))))) \\
&:= 2^{2+2} + (22/2 \times 222/2) \\
&:= 3 + (((3/3 + 3) + 3)^3) + (33 \times 3^3) \\
&:= 4 + (44 \times (44 - 4 \times 4) + 4/4) \\
&:= 5 + (55/5 \times (555 + 5)/5) \\
&:= 6 + (((6 \times 6 - 6/6)^{(6+6)/6}) + 6) \\
&:= 77 + (7777/7 + 7 \times 7) \\
&:= 8 + (88/8 \times 888/8 + 8) \\
&:= 9 + (((9999/9 + 99) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1238 &:= ((1 + 1) \times (1 + 1 + 1)) + (11 \times (1 + 111)) \\
&:= (2 \times (((22 + 2)^2) + 2 \times 22)) - 2 \\
&:= 3 + (((33/3)^3) - 3 \times 33) + 3 \\
&:= ((4 + 4)/4 \times ((4/4 + 4)^4 - 4)) - 4 \\
&:= (5 + 5)/5 \times ((5^5 - 5)/5 - 5) \\
&:= 6 + ((66/6) \times (666 + 6)/6) \\
&:= (7 \times (((7 + 7)/7)^7 + 7 \times 7)) - 7/7 \\
&:= 8 \times (8 + 8) + (8888 - 8)/8 \\
&:= 9 + (((99 \times 999/9) - 9)/9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1239 &:= 11 \times 111 + (1 + 1) \times (11 - 1 - 1) \\
&:= (2222 + 2^{2 \times (2+2)})/2 \\
&:= (3 \times (3 \times 3^3 + 333)) - 3 \\
&:= 4 \times 4 \times (4 + 4) + 4444/4 \\
&:= ((5^5 - 55) + 5^5)/5 \\
&:= (6/6 + 6) \times (666/6 + 66) \\
&:= 7 \times (((7 + 7)/7)^7 + 7 \times 7) \\
&:= 8 \times (8 + 8) + 8888/8 \\
&:= 9 + (((99/9) \times 999/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1240 &:= (11 - 1) \times (1 + (1 + (1 + 11^{1+1}))) \\
&:= 2 \times (((22 + 2)^2) + 2 \times 22) \\
&:= 3/3 + ((3 \times (3 \times 3^3 + 333)) - 3) \\
&:= (4/4 + 4) \times (4^4 - 4 - 4) \\
&:= 5 \times (((5 - (5 + 5)/5)^5) + 5) \\
&:= 6 \times 6 \times 6 + (((6 + 6)/6)^{(66-6)/6}) \\
&:= 7/7 + (7 \times (((7 + 7)/7)^7 + 7 \times 7)) \\
&:= 88 + (8 + 8) \times (8 \times 8 + 8) \\
&:= 9 \times 9 \times 9 + (((9 + 9)/9)^9) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1241 &:= (11 \times (1 + 1 + 111)) - 1 - 1 \\
&:= (22/2 \times (222/2 + 2)) - 2 \\
&:= 3^{3+3} + ((3 - 3/3)^{3 \times 3}) \\
&:= 4/4 + ((4/4 + 4) \times (4^4 - 4 - 4)) \\
&:= ((5/5 + 5)^{5-5/5}) - 55 \\
&:= 66/6 + (6 \times 6 \times 6 \times 6 - 66) \\
&:= ((7 + 7)/7) + (7 \times (((7 + 7)/7)^7 + 7 \times 7)) \\
&:= 8/8 + ((8 + 8) \times (8 \times 8 + 8) + 88) \\
&:= 9 \times 9 \times 9 + (((9 + 9)/9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1242 &:= (11 \times (1 + 1 + 111)) - 1 \\
&:= 2 + (2 \times (((22 + 2)^2) + 2 \times 22)) \\
&:= 3 \times (3 \times 3^3 + 333) \\
&:= (4 + 4)/4 \times ((4/4 + 4)^4 - 4) \\
&:= (5 + 5)/5 \times ((5^5 + 5)/5 - 5) \\
&:= 6 + ((6 \times 6 \times 6 \times 6 - 66) + 6) \\
&:= (77/7 + 7) \times (77 - (7/7 + 7)) \\
&:= 88 + ((8 + 8) \times (8 \times 8 + 8) + ((8 + 8)/8)) \\
&:= 999 + 9 \times (9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1243 &:= 11 \times (1 + 1 + 111) \\
&:= 22/2 \times (222/2 + 2) \\
&:= 3/3 + (3 \times (3 \times 3^3 + 333)) \\
&:= 44 + (4 \times (44 + 4^4) - 4/4) \\
&:= ((5 + 5)/5 \times (5^5 - 5)/5) - 5 \\
&:= 66 + ((6666/6) + 66) \\
&:= 77/7 \times (777 + 7 + 7)/7 \\
&:= 8 + ((88/8 + 8) \times (8/8 + 8 \times 8)) \\
&:= 9/9 + (9 \times (9 + 9 + 9) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1244 &:= 1 + (11 \times (1 + 1 + 111)) \\
&:= 2 \times ((22 - 2)^2 + 222) \\
&:= 3 + (((3 - 3/3)^{3 \times 3}) + 3^{3+3}) \\
&:= 44 + 4 \times (44 + 4^4) \\
&:= ((5^5 - 5 + 5^5)/5) - 5 \\
&:= 6 + (((66/6) \times (666 + 6)/6) + 6) \\
&:= (7 \times (7 + 7) \times (7 + 7)) - ((7 + 7)/7)^7 \\
&:= 8 + (((88 + 8)/8) \times (888/8 - 8)) \\
&:= (9 + 9)/9 + (9 \times (9 + 9 + 9) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1245 &:= 1 + (1 + (11 \times (1 + 1 + 111))) \\
&:= 2 + (22/2 \times (222/2 + 2)) \\
&:= 3 + (3 \times (3 \times 3^3 + 333)) \\
&:= 44 + (4 \times (44 + 4^4) + 4/4) \\
&:= 5 \times 5 \times 5 \times (5 + 5) - 5 \\
&:= 6 + ((6/6 + 6) \times (666/6 + 66)) \\
&:= (7/7 + 7 + 7) \times (77 - 7/7 + 7) \\
&:= 8 + ((88/8 \times 888/8 + 8) + 8) \\
&:= 999/9 + (9 \times ((99 + 9 + 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1246 &:= 1 + (1 + (1 + (11 \times (1 + 1 + 111)))) \\
&:= 2 \times (((2/2 + 2 + 2)^{2+2}) - 2) \\
&:= 3 + ((3 \times (3 \times 3^3 + 333)) + 3/3) \\
&:= (4 + 4)/4 \times (4/4 + 4)^4 - 4 \\
&:= ((5^5 + 5^5 + 5)/5) - 5 \\
&:= 6 \times 6 + ((66/6) \times ((666 - 6)/6)) \\
&:= 7 + (7 \times (((7 + 7)/7)^7 + 7 \times 7)) \\
&:= (8/8 + 88) \times ((8 - (8 + 8)/8) + 8) \\
&:= 999 + (((9 + 9)/9)^{9-9/9}) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1247 &:= 1 + (1 + (1 + (1 + (11 \times (1 + 1 + 111)))))) \\
&:= 22 + (((22/2 + 22) + 2)^2) \\
&:= ((33/3)^3) - (3 \times 3^3 + 3) \\
&:= 4^4 + ((4 \times (4^4 - 4 - 4)) - 4/4) \\
&:= ((5 + 5)/5 \times (5^5 + 5)/5) - 5 \\
&:= (6 \times (6 \times 6 \times 6 - 6)) - (6/6 + 6 + 6) \\
&:= (7 - 7/7)^{77/7-7} - 7 \times 7 \\
&:= 8 + (8888/8 + 8 \times (8 + 8)) \\
&:= 9 + (((99 \times 999/9) - 9)/9 + 9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1248 &:= (1 + 1) \times ((1 + (1 + 1) \times (1 + 11))^{1+1} - 1) \\
&:= 2 \times ((22 + 2) \times (22 + 2 + 2)) \\
&:= (33 + 3 + 3) \times (33 - 3/3) \\
&:= 4^4 + (4 \times (4^4 - 4 - 4)) \\
&:= (5 + 5)/5 \times (5^5 - 5)/5 \\
&:= (6 \times (6 \times 6 \times 6 - 6)) - 6 - 6 \\
&:= (77 + 7)/7 \times (777/7 - 7) \\
&:= 8 + ((8 + 8) \times (8 \times 8 + 8) + 88) \\
&:= 9 + (((99/9) \times 999/9 + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1249 &:= ((1 + 1) \times (1 + (1 + 1) \times (1 + 11))^{1+1}) - 1 \\
&:= (((2 \times (22 + 2)) + 2)^2) - 2)/2 \\
&:= ((33/3)^3) - (3 \times 3^3 + 3/3) \\
&:= (((4 + 4) \times (4/4 + 4)^4) - 4)/4 \\
&:= (5^5 - 5 + 5^5)/5 \\
&:= (6 \times (6 \times 6 \times 6 - 6)) - 66/6 \\
&:= 7 + ((77/7 + 7) \times (77 - (7/7 + 7))) \\
&:= (((88 + 8) \times (88 + 8 + 8)) + 8)/8 \\
&:= 9 + (((9 + 9)/9)^9) - 9/9 + 9 \times 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1250 &:= (1 + 1) \times (1 + (1 + 1) \times (1 + 11))^{1+1} \\
&:= 2 \times ((2/2 + 2 + 2)^{2+2}) \\
&:= ((33/3)^3) - 3 \times 3^3 \\
&:= (4 + 4)/4 \times (4/4 + 4)^4 \\
&:= 5 \times 5 \times 5 \times (5 + 5) \\
&:= ((6 - 66)/6) + (6 \times (6 \times 6 \times 6 - 6)) \\
&:= (7/7 + 7 \times 7) \times (77/7 + 7 + 7) \\
&:= (((8 + 8)/8) + 8)^{8 \times 8/(8+8)}/8 \\
&:= 9 + (((9 + 9)/9)^9) + 9 \times 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1251 &:= 1 + ((1 + 1) \times (1 + (1 + 1) \times (1 + 11))^{1+1}) \\
&:= (((2 \times (22 + 2)) + 2)^2) + 2)/2 \\
&:= 3 \times ((3 \times 3^3 + 333) + 3) \\
&:= (((4 + 4) \times (4/4 + 4)^4) + 4)/4 \\
&:= (5^5 + 5^5 + 5)/5 \\
&:= 6 \times 6 + (((66/6) \times 666/6) - 6) \\
&:= 7 + ((7 \times (7 + 7) \times (7 + 7)) - ((7 + 7)/7)^7) \\
&:= (8/8 + 8) \times (8 \times (8 + 8) + (88/8)) \\
&:= 9 + (9 \times (9 + 9 + 9) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1252 &:= (11 \times (1 + (1 + 1 + 111))) - 1 - 1 \\
&:= 2 + (2 \times ((2/2 + 2 + 2)^{2+2})) \\
&:= ((3/3 + 3)^3) + (33 \times (33 + 3)) \\
&:= ((4 + 4)/4 + 4)^4 - 44 \\
&:= (5 + 5)/5 \times (5^5 + 5)/5 \\
&:= ((6 + 6)/6)^6 + (66 \times (6 + 6 + 6)) \\
&:= 77 + ((7 + 7) \times (77 + 7) - 7/7) \\
&:= 8 \times (88 + 8) + 88 \times 88/(8 + 8) \\
&:= 9 \times (9 + 9) + (((99 \times 99) + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1253 &:= (11 \times (1 + (1 + 1 + 111))) - 1 \\
&:= 2 + (((2 \times (22 + 2)) + 2)^2) + 2)/2 \\
&:= 3 + (((33/3)^3) - 3 \times 3^3) \\
&:= 4 + (((4 + 4) \times (4/4 + 4)^4) - 4)/4 \\
&:= 5 + ((5 + 5)/5 \times (5^5 - 5)/5) \\
&:= (6 \times (6 \times 6 \times 6 - 6)) - 6/6 - 6 \\
&:= 77 + (7 + 7) \times (77 + 7) \\
&:= (8 + 8) \times (88 - 8) - (88/8 + 8 + 8) \\
&:= 99/9 + (9 \times (9 + 9 + 9) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1254 &:= 11 \times (1 + (1 + 1 + 111)) \\
&:= 2 \times (((2/2 + 2 + 2)^{2+2}) + 2) \\
&:= 33 \times (33/3 + 3^3) \\
&:= 4 + (4 + 4)/4 \times (4/4 + 4)^4 \\
&:= 5 + ((5^5 - 5 + 5^5)/5) \\
&:= (6 \times (6 \times 6 \times 6 - 6)) - 6 \\
&:= 7/7 + ((7 + 7) \times (77 + 7) + 77) \\
&:= (88/8 + 8) \times (((8 + 8)/8) + 8 \times 8) \\
&:= 9 \times 99 + ((99 \times 99)/(9 + 9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1255 &:= 1 + (11 \times (1 + (1 + 1 + 111))) \\
&:= 2 + (((((2 \times (22 + 2)) + 2)^2) + 2)/2) + 2) \\
&:= 3/3 + (33 \times (33/3 + 3^3)) \\
&:= (4/4 + 4) \times (4^4 - 4/4 - 4) \\
&:= 5 + 5 \times 5 \times 5 \times (5 + 5) \\
&:= 6/6 + ((6 \times (6 \times 6 \times 6 - 6)) - 6) \\
&:= 7 + ((77 + 7)/7 \times (777/7 - 7)) \\
&:= 8 + ((8888/8 + 8 \times (8 + 8)) + 8) \\
&:= 999 + (((9 + 9)/9)^{9-9/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1256 &:= 1 + (1 + (11 \times (1 + (1 + 1 + 111)))) \\
&:= 2 + (2 \times (((2/2 + 2 + 2)^{2+2}) + 2)) \\
&:= 3 + (((33/3)^3) - 3 \times 3^3) + 3) \\
&:= (4/4 + 4) \times (4^4 - 4) - 4 \\
&:= 5 + ((5^5 + 5^5 + 5)/5) \\
&:= (6 + 6)/6 + ((6 \times (6 \times 6 \times 6 - 6)) - 6) \\
&:= 777 + (7 \times (77 - 7) - (77/7)) \\
&:= 88 \times (8 + 8) - (8 \times 8 + 88) \\
&:= 9 \times 99 + (((9 \times 9 \times 9 + 9)/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1257 &:= 1 + (1 + (1 + (11 \times (1 + (1 + 1 + 111)))))) \\
&:= 222 + ((2^{22/2} + 22)/2) \\
&:= 3 + (33 \times (33/3 + 3^3)) \\
&:= 4/4 + ((4/4 + 4) \times (4^4 - 4) - 4) \\
&:= 5 + ((5 + 5)/5 \times (5^5 + 5)/5) \\
&:= 6 \times 6 + ((66/6) \times 666/6) \\
&:= 7 + ((7/7 + 7 \times 7) \times (77/7 + 7 + 7)) \\
&:= 8 + (((88 + 8) \times (88 + 8 + 8)) + 8)/8) \\
&:= 9 \times 9 + ((99 - 9/9) \times ((99 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1258 &:= 11 \times 111 + (111/(1 + 1 + 1)) \\
&:= 2 \times (((2/2 + 2 + 2)^{2+2}) + 2) + 2) \\
&:= (3/3 + 33) \times (3/3 + 33 + 3) \\
&:= (4 + 4)/4 \times ((4/4 + 4)^4 + 4) \\
&:= (5 + 5)/5 \times ((5^5 - 5)/5 + 5) \\
&:= (6 \times (6 \times 6 \times 6 - 6)) - (6 + 6)/6 \\
&:= 7 \times (7 + 7 + 7) + 7777/7 \\
&:= 8 + (((8 + 8)/8) + 8)^{8 \times 8/(8+8)}/8) \\
&:= 9 \times 9 + ((99/9) \times ((99 - 9/9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1259 &:= 1 + (11 \times 111 + (111/(1 + 1 + 1))) \\
&:= 222/2 + (2 \times (((22 + 2)^2) - 2)) \\
&:= (3 \times (3 - 3^3)) + ((33/3)^3) \\
&:= (4/4 + 4) \times (4^4 - 4) - 4/4 \\
&:= 5 + (((5^5 - 5 + 5^5)/5) + 5) \\
&:= (6 \times (6 \times 6 \times 6 - 6)) - 6/6 \\
&:= ((77 - 7) \times (77/7 + 7)) - 7/7 \\
&:= 8 + ((8/8 + 8) \times (8 \times (8 + 8) + (88/8))) \\
&:= 9 + (((9 + 9)/9)^9) + 9 \times 9 \times 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1260 &:= (1 + 11) \times (111 - ((1 + 1) \times (1 + 1 + 1))) \\
&:= (2 - 22) \times (2/2 - 2^{2+2+2}) \\
&:= (3 + 3) \times ((3 + 3)^3 - (3 + 3)) \\
&:= (4/4 + 4) \times (4^4 - 4) \\
&:= 5 + (5 \times 5 \times 5 \times (5 + 5) + 5) \\
&:= 6 \times (6 \times 6 \times 6 - 6) \\
&:= (77 - 7) \times (77/7 + 7) \\
&:= (8 \times 8 - 8/8) \times ((88 + 8)/8 + 8) \\
&:= (9 + 9) \times (9 \times 9 - 99/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1261 &:= 1 + ((1 + 11) \times (111 - ((1 + 1) \times (1 + 1 + 1)))) \\
&:= (((2 \times (22 + 2)) + 2)^2) / 2 \\
&:= 3/3 + ((3 + 3) \times ((3 + 3)^3 - (3 + 3))) \\
&:= 4/4 + (4/4 + 4) \times (4^4 - 4) \\
&:= ((55 + 5^5) + 5^5) / 5 \\
&:= 6/6 + (6 \times (6 \times 6 \times 6 - 6)) \\
&:= 7/7 + ((77 - 7) \times (77/7 + 7)) \\
&:= (8 + 8) \times (88 - 8) - (88/8 + 8) \\
&:= 9/9 + ((9 + 9) \times (9 \times 9 - (99/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1262 &:= (11 \times (1 + 111)) + ((11 - 1) \times (1 + 1 + 1)) \\
&:= 2 + ((2 - 22) \times (2/2 - 2^{2+2+2})) \\
&:= 3 + ((3 \times (3 - 3^3)) + ((33/3)^3)) \\
&:= 4 + ((4 + 4)/4 \times ((4/4 + 4)^4 + 4)) \\
&:= (5 + 5)/5 \times ((5^5 + 5)/5 + 5) \\
&:= (6 + 6)/6 + (6 \times (6 \times 6 \times 6 - 6)) \\
&:= ((7 + 7)/7) + ((77 - 7) \times (77/7 + 7)) \\
&:= 8 + ((88/8 + 8) \times (((8 + 8)/8) + 8 \times 8)) \\
&:= (9 + 9)/9 + ((9 + 9) \times (9 \times 9 - (99/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1263 &:= (11 \times (1 + (1 + (1 + 1 + 111)))) - 1 - 1 \\
&:= 222/2 + (2 \times ((22 + 2)^2)) \\
&:= ((3 + 3)^{3/3+3}) - 33 \\
&:= 4^4 + (4 \times (4^4 - 4) - 4/4) \\
&:= 5 + ((5 + 5)/5 \times ((5^5 - 5)/5 + 5)) \\
&:= (6 \times 6/(6 + 6)) + (6 \times (6 \times 6 \times 6 - 6)) \\
&:= (7 + 7) \times (77 + 7 + 7) - 77/7 \\
&:= 8 \times 8 + (8888/8 + 88) \\
&:= 9 \times (9 + 9) + (((9999 - 9)/9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1264 &:= (11 \times (1 + (1 + (1 + 1 + 111)))) - 1 \\
&:= 2 \times (((22 + 2 + 2)^2) - (2 \times 22)) \\
&:= 3/3 + (((3 + 3)^{3/3+3}) - 33) \\
&:= 4^4 + 4 \times (4^4 - 4) \\
&:= 5 \times 5 \times 55 - 555/5 \\
&:= 6 + ((6 \times (6 \times 6 \times 6 - 6)) - ((6 + 6)/6)) \\
&:= 77 + ((7777 - 7)/7 + 77) \\
&:= (8 + 8) \times (88 - (8/8 + 8)) \\
&:= 9 \times (9 + 9) + (9999/9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1265 &:= 11 \times (1 + (1 + (1 + 1 + 111))) \\
&:= 22/2 \times ((222/2 + 2) + 2) \\
&:= ((33/3)^3) - (33 + 33) \\
&:= 4/4 + (4 \times (4^4 - 4) + 4^4) \\
&:= 55 \times (5 \times 5 - ((5 + 5)/5)) \\
&:= 6 + ((6 \times (6 \times 6 \times 6 - 6)) - 6/6) \\
&:= 77 + (7777/7 + 77) \\
&:= 8/8 + ((8 + 8) \times (88 - (8/8 + 8))) \\
&:= 9 \times (9 + 9) + ((9999 + 9)/9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1266 &:= 1 + (11 \times (1 + (1 + (1 + 1 + 111)))) \\
&:= (2^{22/2} + 22^2) / 2 \\
&:= 3 + (((3 + 3)^{3/3+3}) - 33) \\
&:= 4 \times 4 + (4 + 4)/4 \times (4/4 + 4)^4 \\
&:= 5 + (((55 + 5^5) + 5^5) / 5) \\
&:= 6 + (6 \times (6 \times 6 \times 6 - 6)) \\
&:= 777 + (7 \times (77 - 7) - 7/7) \\
&:= (8 + 8)/8 + ((8 + 8) \times (88 - (8/8 + 8))) \\
&:= 9 \times (9 \times (9 + 9) - 9) - 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1267 &:= 1 + (1 + (11 \times (1 + (1 + (1 + 1 + 111)))))) \\
&:= ((2^{22/2} + 22^2) + 2) / 2 \\
&:= ((33/3)^3) - ((3/3 + 3)^3) \\
&:= 4 + ((4 \times (4^4 - 4) - 4/4) + 4^4) \\
&:= 5 + ((5 + 5)/5 \times ((5^5 + 5)/5 + 5)) \\
&:= 6 + ((6 \times (6 \times 6 \times 6 - 6)) + 6/6) \\
&:= 777 + 7 \times (77 - 7) \\
&:= ((88/8)^{88/8-8}) - 8 \times 8 \\
&:= 9 \times 9 + (((99 \times (99 + 9)) - (9 + 9))/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1268 &:= 1 + (1 + (1 + (11 \times (1 + (1 + (1 + 1 + 111)))))) \\
&:= 2 + ((2^{22/2} + 22^2) / 2) \\
&:= 3 + (((33/3)^3) - (33 + 33)) \\
&:= 4 + (4 \times (4^4 - 4) + 4^4) \\
&:= (5 + 5)/5 \times (((5^5 - 5)/5 + 5) + 5) \\
&:= 6 + ((6 \times (6 \times 6 \times 6 - 6)) + ((6 + 6)/6)) \\
&:= 7/7 + (7 \times (77 - 7) + 777) \\
&:= (8 + 8) \times (88 - 8) - (88 + 8)/8 \\
&:= 9 \times 9 + (((99 \times (99 + 9)) - 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1269 &:= 1111 + ((1 + 1 + 11)^{1+1} - 11) \\
&:= 2 + (((2^{22/2} + 22^2) + 2) / 2) \\
&:= ((3 + 3)^{3/3+3}) - 3^3 \\
&:= 4^4 + (4 \times 4^4 - 44/4) \\
&:= 5 + (5 \times 5 \times 55 - 555/5) \\
&:= 6 + ((6 \times (6 \times 6 \times 6 - 6)) + (6 \times 6/(6 + 6))) \\
&:= 7 \times 7 + ((77 \times 777/7 - 7)/7) \\
&:= (8 + 8) \times (88 - 8) - 88/8 \\
&:= 9 + ((9 + 9) \times (9 \times 9 - (99/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1270 &:= (11 - 1) \times (111 + ((1 + 1)^{1+1+1+1})) \\
&:= (2/2 + 2 + 2) \times (2^{2 \times (2+2)} - 2) \\
&:= 3 + (((33/3)^3) - ((3/3 + 3)^3)) \\
&:= (4/4 + 4) \times (4^4 - (4 + 4)/4) \\
&:= (5 \times (5 \times 5 \times (5 + 5) + 5)) - 5 \\
&:= ((66 - 6)/6) + (6 \times (6 \times 6 \times 6 - 6)) \\
&:= 7 \times 7 + 77/7 \times 777/7 \\
&:= (8 - 88)/8 + (8 + 8) \times (88 - 8) \\
&:= (9 + 9) \times 99 - (((9 + 9)/9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1271 &:= 11 \times 111 + ((11 - 1)^{1+1} / (1 + 1)) \\
&:= 22 + (((((2 \times (22 + 2)) + 2)^2) - 2) / 2) \\
&:= ((33/3)^3) - (3^3 + 33) \\
&:= (4/4 + 4) \times (4^4 - 4/4) - 4 \\
&:= ((5/5 + 5)^{5-5/5}) - 5 \times 5 \\
&:= 66/6 + (6 \times (6 \times 6 \times 6 - 6)) \\
&:= (((7 + 7)/7)^{77/7}) - 777 \\
&:= (8 + 8) \times (88 - 8) - (8/8 + 8) \\
&:= 9/9 + ((9 + 9) \times 99 - (((9 + 9)/9)^9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1272 &:= (1 + 11) \times (111 - (1 + (1 + 1 + 1 + 1))) \\
&:= (2 + 2 + 2)^{2+2} - (22 + 2) \\
&:= 3 + (((3 + 3)^{3/3+3}) - 3^3) \\
&:= 4^4 + (4 \times 4^4 - (4 + 4)) \\
&:= (5 + 5)/5 \times ((55 + 5^5)/5) \\
&:= 6 + ((6 \times (6 \times 6 \times 6 - 6)) + 6) \\
&:= (7 + 7) \times (77 + 7 + 7) - (7 + 7)/7 \\
&:= (8 + 8) \times (88 - 8) - 8 \\
&:= 9 \times (9 + 9) + ((9999 - 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1273 &:= 1 + ((1 + 11) \times (111 - (1 + (1 + 1 + 1 + 1)))) \\
&:= (22/2)^2 + (2 \times ((22 + 2)^2)) \\
&:= (3 + 3) \times 3^3 + 3333/3 \\
&:= 4 + ((4 \times 4^4 - 44/4) + 4^4) \\
&:= 5 \times 5 + ((5 + 5)/5 \times (5^5 - 5)/5) \\
&:= 6 + (((6 \times (6 \times 6 \times 6 - 6)) + 6/6) + 6) \\
&:= (7 + 7) \times (77 + 7 + 7) - 7/7 \\
&:= 8/8 + ((8 + 8) \times (88 - 8) - 8) \\
&:= 9 \times (9 + 9) + 9999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1274 &:= (1 + 1 + 11) \times (111 - 1 - 1 - 11) \\
&:= (2 + 2 + 2)^{2+2} - 22 \\
&:= 3 + (((33/3)^3) - (3^3 + 33)) \\
&:= 4 + ((4/4 + 4) \times (4^4 - (4 + 4)/4)) \\
&:= 5 \times 5 + ((5^5 - 5 + 5^5)/5) \\
&:= 6 \times 6 \times 6 \times 6 - ((66 + 66)/6) \\
&:= (7 + 7) \times (77 + 7 + 7) \\
&:= (8 + 8)/8 + ((8 + 8) \times (88 - 8) - 8) \\
&:= 9 \times (9 + 9) + (9999 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1275 &:= 11^{1+1+1} - (1 + 111)/(1 + 1) \\
&:= 2/2 + ((2 + 2 + 2)^{2+2} - 22) \\
&:= ((3 + 3) \times ((3 + 3)^3 - 3)) - 3 \\
&:= (4/4 + 4) \times (4^4 - 4/4) \\
&:= 5 \times (5 \times 5 \times (5 + 5) + 5) \\
&:= 6 \times 6 \times 6 \times 6 + ((6 - (66 + 66))/6) \\
&:= 7/7 + (7 + 7) \times (77 + 7 + 7) \\
&:= (8/8 + 8 + 8) \times (88/8 + 8 \times 8) \\
&:= 9 + (9 \times (9 \times (9 + 9) - 9) - 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1276 &:= 11 \times (1+1+1+1+1+111) \\
&:= 2 + ((2+2+2)^{2+2} - 22) \\
&:= 3/3 + (((3+3) \times ((3+3)^3 - 3)) - 3) \\
&:= 4^4 + (4 \times 4^4 - 4) \\
&:= 5 \times 5 + ((5^5 + 5^5 + 5)/5) \\
&:= 66/6 \times (((666-6)/6) + 6) \\
&:= ((7+7)/7) + (7+7) \times (77+7+7) \\
&:= (8+8) \times (88-8) - (8/(8+8)/8) \\
&:= 99/9 \times (((99-9/9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1277 &:= 1 + 11 \times (1+1+1+1+1+111) \\
&:= 2 + (((2+2+2)^{2+2} - 22) + 2/2) \\
&:= ((33/3)^3) - (3^3 + 3^3) \\
&:= 4/4 + ((4 \times 4^4 - 4) + 4^4) \\
&:= 5 + ((5+5)/5 \times ((55+5^5)/5)) \\
&:= 6 + ((6 \times (6 \times 6 \times 6 - 6)) + (66/6)) \\
&:= 7 + (77/7 \times 777/7 + 7 \times 7) \\
&:= 8 + ((8+8) \times (88-8) - (88/8)) \\
&:= ((9+9) \times (9 \times 9 - 9)) - (9/9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1278 &:= (11-1-1) \times ((1+11)^{1+1} - (1+1)) \\
&:= ((22-2) \times 2^{2+2+2}) - 2 \\
&:= (3+3) \times ((3+3)^3 - 3) \\
&:= 4^4 + (4 \times 4^4 - (4+4)/4) \\
&:= 5 + (((5+5)/5 \times (5^5 - 5)/5) + 5 \times 5) \\
&:= 6 \times 6 \times 6 \times 6 - 6 - 6 - 6 \\
&:= (77/7 + 7) \times ((7/7 - 7) + 77) \\
&:= (8+8) \times (88-8) - (8+8)/8 \\
&:= (9+9) \times (9 \times 9 - (9/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1279 &:= 1111 + ((1+1+11)^{1+1} - 1) \\
&:= ((22-2) \times 2^{2+2+2}) - 2/2 \\
&:= 3/3 + ((3+3) \times ((3+3)^3 - 3)) \\
&:= 4^4 + (4 \times 4^4 - 4/4) \\
&:= 5 + (((5^5 - 5 + 5^5)/5) + 5 \times 5) \\
&:= 6 \times 6 \times 6 \times 6 - (66/6 + 6) \\
&:= (((77-7) \times ((7+7)/7)^7) - 7)/7 \\
&:= (8+8) \times (88-8) - 8/8 \\
&:= 9 + ((9+9) \times 99 - ((9+9)/9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1280 &:= 1111 + (1+1+11)^{1+1} \\
&:= (22-2) \times 2^{2+2+2} \\
&:= 3 + (((33/3)^3) - (3^3 + 3^3)) \\
&:= 4^4 + 4 \times 4^4 \\
&:= 5 + (5 \times (5 \times 5 \times (5+5) + 5)) \\
&:= ((6-66)/6) + (6 \times 6 \times 6 \times 6 - 6) \\
&:= ((77-7)/7) \times ((7+7)/7)^7 \\
&:= (8+8) \times (88-8) \\
&:= (9-9/9) \times (9 \times (9+9) - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1281 &:= 1 + (1111 + (1+1+11)^{1+1}) \\
&:= 2/2 + ((22-2) \times 2^{2+2+2}) \\
&:= 3 + ((3+3) \times ((3+3)^3 - 3)) \\
&:= 4/4 + (4 \times 4^4 + 4^4) \\
&:= 5 + (((5^5 + 5^5 + 5)/5) + 5 \times 5) \\
&:= ((66/6) \times (666/6 + 6)) - 6 \\
&:= 7 + (7+7) \times (77+7+7) \\
&:= 8/8 + (8+8) \times (88-8) \\
&:= 9 + (((9999-9)/9) + 9 \times (9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1282 &:= 1 + (1 + (1111 + (1+1+11)^{1+1})) \\
&:= 2 + ((22-2) \times 2^{2+2+2}) \\
&:= 3 + (((3+3) \times ((3+3)^3 - 3)) + 3/3) \\
&:= 4^4 + ((4+4)/4 + 4 \times 4^4) \\
&:= (5+5)/5 \times (((55+5^5)/5) + 5) \\
&:= 6 \times 6 \times 6 \times 6 - ((6+6)/6 + 6 + 6) \\
&:= 7 + ((7+7) \times (77+7+7) + 7/7) \\
&:= (8+8)/8 + (8+8) \times (88-8) \\
&:= 9 + (9999/9 + 9 \times (9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1283 &:= ((1+11) \times (111 - (1+1+1+1))) - 1 \\
&:= (2+2+2)^{2+2} - (22/2 + 2) \\
&:= 33 + (((33/3)^3) - 3 \times 3^3) \\
&:= 4 + ((4 \times 4^4 - 4/4) + 4^4) \\
&:= 5 \times 5 + ((5+5)/5 \times ((5^5 - 5)/5) + 5 \times 5) \\
&:= 6 \times 6 \times 6 \times 6 - (6/6 + 6 + 6) \\
&:= 7 + ((7+7) \times (77+7+7) + ((7+7)/7)) \\
&:= 88/8 + ((8+8) \times (88-8) - 8) \\
&:= 9 + ((9999+9)/9 + 9 \times (9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1284 &:= (1+11) \times (111 - (1+1+1+1)) \\
&:= 22^2 + 2 \times (22-2)^2 \\
&:= (33 \times (33+3+3)) - 3 \\
&:= 4 + (4 \times 4^4 + 4^4) \\
&:= (((55 \times (55+5)) - 5) + 5^5)/5 \\
&:= 6 \times 6 \times 6 \times 6 - 6 - 6 \\
&:= ((77-7)/7) + (7+7) \times (77+7+7) \\
&:= (8/(8+8)/8) + (8+8) \times (88-8) \\
&:= ((99+9)/9) \times ((99-9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1285 &:= ((1+1+1) \times (1+11))^{1+1} - 11 \\
&:= (2+2+2)^{2+2} - 22/2 \\
&:= ((3+3)^{3/3+3}) - 33/3 \\
&:= (4/4+4) \times (4/4+4^4) \\
&:= 5 + ((5 \times (5 \times 5 \times (5+5) + 5)) + 5) \\
&:= 6 \times 6 \times 6 \times 6 - 66/6 \\
&:= 77/7 + (7+7) \times (77+7+7) \\
&:= 8 \times 8 + 88/8 \times 888/8 \\
&:= ((9+9) \times (9 \times 9 - 9)) - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1286 &:= 1 + (((1+1+1) \times (1+11))^{1+1} - 11) \\
&:= 2 + 2 \times (22-2)^2 + 22^2 \\
&:= (33 \times (33+3+3)) - 3/3 \\
&:= 4 + (((4+4)/4 + 4 \times 4^4) + 4^4) \\
&:= ((5/5+5)^{5-5/5}) - 5 - 5 \\
&:= ((6-66)/6) + 6 \times 6 \times 6 \times 6 \\
&:= 7 + (((77-7) \times ((7+7)/7)^7) - 7)/7 \\
&:= 8 + ((8+8) \times (88-8) - ((8+8)/8)) \\
&:= ((9+9) \times (9 \times 9 - 9)) - 9/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1287 &:= 11 \times (111 + ((1+1) \times (1+1+1))) \\
&:= 2 + ((2+2+2)^{2+2} - 22/2) \\
&:= 33 \times (33+3+3) \\
&:= 4 \times 44 + 4444/4 \\
&:= 55/5 \times ((555+5)/5 + 5) \\
&:= 66/6 \times (666/6 + 6) \\
&:= 7 + (((77-7)/7) \times ((7+7)/7)^7) \\
&:= 8 + ((8+8) \times (88-8) - 8/8) \\
&:= ((9+9) \times (9 \times 9 - 9)) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1288 &:= 1 + 11 \times (111 + (1+1) \times (1+1+1)) \\
&:= 2 \times (2 \times ((2^{2+2} + 2)^2) - 2) \\
&:= 3/3 + (33 \times (33+3+3)) \\
&:= 4 + (4 \times 4^4 + 4^4 + 4) \\
&:= (55+5/5) \times (5 \times 5 - ((5+5)/5)) \\
&:= 6 \times 6 \times 6 \times 6 - ((6+6)/6 + 6) \\
&:= 7 + ((7+7) \times (77+7+7) + 7) \\
&:= 8 + (8+8) \times (88-8) \\
&:= 9/9 + (((9+9) \times (9 \times 9 - 9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1289 &:= (1+1+11) \times (11-1)^{1+1} - 11 \\
&:= 2 + (((2+2+2)^{2+2} - 22/2) + 2) \\
&:= ((33/3)^3) - (3 \times 3 + 33) \\
&:= 4 + ((4/4+4) \times (4/4+4^4)) \\
&:= 5 \times 55 + ((5-5/5)^5 - (5+5)) \\
&:= 6 \times 6 \times 6 \times 6 - 6/6 - 6 \\
&:= (7-7/7)^{77/7-7} - 7 \\
&:= 8 + ((8+8) \times (88-8) + 8/8) \\
&:= (9+9)/9 + (((9+9) \times (9 \times 9 - 9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1290 &:= (11-1) \times (11 \times (1+11) - 1 - 1 - 1) \\
&:= (2+2+2)^{2+2} - (2+2+2) \\
&:= 3 + (33 \times (33+3+3)) \\
&:= (4/4+4) \times ((4+4)/4 + 4^4) \\
&:= 5 \times ((5^5 + 5)/(5+5) - 55) \\
&:= 6 \times 6 \times 6 \times 6 - 6 \\
&:= 7 \times 7 \times 7 \times 7 - 7777/7 \\
&:= 8 + ((8+8) \times (88-8) + ((8+8)/8)) \\
&:= (9/9+9) \times ((999/9+9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1291 &:= 1 + ((11 - 1) \times (11 \times (1 + 11) - 1 - 1 - 1)) \\
&:= (2 + 2 + 2)^{2+2} - (2/2 + 2 + 2) \\
&:= 3 + ((33 \times (33 + 3 + 3)) + 3/3) \\
&:= 4^4 + (44/4 + 4 \times 4^4) \\
&:= ((5/5 + 5)^{5-5/5}) - 5 \\
&:= 6/6 + (6 \times 6 \times 6 \times 6 - 6) \\
&:= 77/7 \times (777/7 + 7) - 7 \\
&:= 88/8 + (8 + 8) \times (88 - 8) \\
&:= 99 + (9999/9 + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1292 &:= 11^{1+1+1} - ((1 + 1 + 1) \times (1 + 1 + 11)) \\
&:= (2 + 2 + 2)^{2+2} - 2 - 2 \\
&:= ((33/3)^3) - (33 + 3 + 3) \\
&:= ((4 + 4)/4 + 4)^4 - 4 \\
&:= 5/5 + (((5/5 + 5)^{5-5/5}) - 5) \\
&:= (6 + 6)/6 + (6 \times 6 \times 6 \times 6 - 6) \\
&:= (7/7 - 77) \times (((7 - 77)/7) - 7) \\
&:= ((88 + 8)/8) + (8 + 8) \times (88 - 8) \\
&:= 99 + ((9999 + 9)/9 + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1293 &:= ((1 + 1 + 1) \times (1 + 11))^{1+1} - 1 - 1 - 1 \\
&:= (2 + 2 + 2)^{2+2} - 2/2 - 2 \\
&:= ((3 + 3)^{3/3+3}) - 3 \\
&:= 4/4 + (((4 + 4)/4 + 4)^4 - 4) \\
&:= 5 + ((55 + 5/5) \times (5 \times 5 - ((5 + 5)/5))) \\
&:= 6 \times 6 \times 6 \times 6 - 6 \times 6/(6 + 6) \\
&:= (7 \times (7 + 7) \times (7 + 7)) - ((7 + 7)/7 + 77) \\
&:= 8 + (88/8 \times 888/8 + 8 \times 8) \\
&:= ((9 + 9) \times (9 \times 9 - 9)) - (9 + 9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1294 &:= ((1 + 1 + 1) \times (1 + 11))^{1+1} - 1 - 1 \\
&:= (2 + 2 + 2)^{2+2} - 2 \\
&:= 3/3 + (((3 + 3)^{3/3+3}) - 3) \\
&:= ((4 + 4)/4 + 4)^4 - (4 + 4)/4 \\
&:= 5 \times 55 + ((5 - 5/5)^5 - 5) \\
&:= 6 \times 6 \times 6 \times 6 - (6 + 6)/6 \\
&:= (7 \times (7 + 7) \times (7 + 7)) - (7/7 + 77) \\
&:= 8 + (((8 + 8) \times (88 - 8)) - ((8 + 8)/8)) + 8 \\
&:= ((9 + 9) \times (9 \times 9 - 9)) - (9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1295 &:= ((1 + 1 + 1) \times (1 + 11))^{1+1} - 1 \\
&:= (2 + 2 + 2)^{2+2} - 2/2 \\
&:= ((33/3)^3) - (33 + 3) \\
&:= ((4 + 4)/4 + 4)^4 - 4/4 \\
&:= (5 \times (5 \times 55 - 5)) - 55 \\
&:= 6 \times 6 \times 6 \times 6 - 6/6 \\
&:= (7 \times (7 + 7) \times (7 + 7)) - 77 \\
&:= 8 + (((8 + 8) \times (88 - 8)) - 8/8) + 8 \\
&:= ((9 + 9) \times (9 \times 9 - 9)) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1296 &:= ((1 + 1 + 1) \times (1 + 11))^{1+1} \\
&:= (2 + 2 + 2)^{2+2} \\
&:= (3 + 3)^{3/3+3} \\
&:= ((4 + 4)/4 + 4)^4 \\
&:= (5/5 + 5)^{5-5/5} \\
&:= 6 \times 6 \times 6 \times 6 \\
&:= (7 - 7/7)^{77/7-7} \\
&:= 8 + ((8 + 8) \times (88 - 8) + 8) \\
&:= (9 + 9) \times (9 \times 9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1297 &:= 1 + ((1 + 1 + 1) \times (1 + 11))^{1+1} \\
&:= 2/2 + (2 + 2 + 2)^{2+2} \\
&:= 3/3 + ((3 + 3)^{3/3+3}) \\
&:= 4/4 + ((4 + 4)/4 + 4)^4 \\
&:= 5/5 + ((5/5 + 5)^{5-5/5}) \\
&:= 6/6 + 6 \times 6 \times 6 \times 6 \\
&:= 7/7 + (7 - 7/7)^{77/7-7} \\
&:= 88 \times (8 + 8) - 888/8 \\
&:= 9/9 + ((9 + 9) \times (9 \times 9 - 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1298 &:= 11 \times (11^{1+1} - (1 + 1 + 1)) \\
&:= 2 + (2 + 2 + 2)^{2+2} \\
&:= ((33/3)^3) - 33 \\
&:= (4 + 4)/4 + (((4 + 4)/4 + 4)^4 - 4) \\
&:= 5 \times 55 + ((5 - 5/5)^5 - 5/5) \\
&:= (6 + 6)/6 + 6 \times 6 \times 6 \times 6 \\
&:= 77/7 \times (777/7 + 7) \\
&:= 88/8 \times ((888 - 8)/8 + 8) \\
&:= (9 + 9)/9 + ((9 + 9) \times (9 \times 9 - 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1299 &:= 1 + (11 \times (11^{1+1} - (1 + 1 + 1))) \\
&:= 2 + ((2 + 2 + 2)^{2+2} + 2/2) \\
&:= 3 + ((3 + 3)^{3/3+3}) \\
&:= 4 + (((4 + 4)/4 + 4)^4 - 4/4) \\
&:= 5 \times 55 + (5 - 5/5)^5 \\
&:= 6 \times 6 \times 6 \times 6 + (6 \times 6/(6 + 6)) \\
&:= ((77 \times (777/7 + 7)) + 7)/7 \\
&:= 8 + ((8 + 8) \times (88 - 8) + (88/8)) \\
&:= ((9 + 9 + 9)/9) + ((9 + 9) \times (9 \times 9 - 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1300 &:= (1 + 1 + 11) \times (11 - 1)^{1+1} \\
&:= 2 + ((2 + 2 + 2)^{2+2} + 2) \\
&:= 3 + (((3 + 3)^{3/3+3}) + 3/3) \\
&:= 4 + ((4 + 4)/4 + 4)^4 \\
&:= (5 + 5) \times (5 \times 5 \times 5 + 5) \\
&:= 6 + (6 \times 6 \times 6 \times 6 - ((6 + 6)/6)) \\
&:= ((7 + 7)/7) \times (777/7 + 7 \times 77) \\
&:= (8/8 + 8 \times 8) \times ((88 + 8)/8 + 8) \\
&:= (9/9 + 99) \times ((99 + 9 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1301 &:= 1 + (1 + 1 + 11) \times (11 - 1)^{1+1} \\
&:= 2 + (((2 + 2 + 2)^{2+2} + 2/2) + 2) \\
&:= 3 + (((33/3)^3) - 33) \\
&:= 4 + (((4 + 4)/4 + 4)^4 + 4/4) \\
&:= 5 + ((5/5 + 5)^{5-5/5}) \\
&:= 6 + (6 \times 6 \times 6 \times 6 - 6/6) \\
&:= 7 + ((7 \times (7 + 7) \times (7 + 7)) - (7/7 + 77)) \\
&:= (88/8 \times (888/8 + 8)) - 8 \\
&:= 9 \times 9 + (((99 \times 999/9) - 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1302 &:= 1 + 1 + (1 + 1 + 11) \times (11 - 1)^{1+1} \\
&:= 2 + (((2 + 2 + 2)^{2+2} + 2) + 2) \\
&:= 3 + (((3 + 3)^{3/3+3}) + 3) \\
&:= 4 + (((4 + 4)/4 + 4)^4 + (4 + 4)/4) \\
&:= 5 + (((5/5 + 5)^{5-5/5}) + 5/5) \\
&:= 6 + 6 \times 6 \times 6 \times 6 \\
&:= 7 + ((7 \times (7 + 7) \times (7 + 7)) - 77) \\
&:= 88 + (8 \times (8 \times 8 + 88) - ((8 + 8)/8)) \\
&:= 9 \times 9 + ((99/9) \times 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1303 &:= 1 + 1 + 1 + (1 + 1 + 11) \times (11 - 1)^{1+1} \\
&:= 2 + (((2 + 2 + 2)^{2+2} + 2/2) + 2) + 2 \\
&:= ((33/3)^3) - (3^3 + 3/3) \\
&:= 4 + (((4 + 4)/4 + 4)^4 - 4/4) + 4 \\
&:= 55 + ((5 + 5)/5 \times (5^5 - 5)/5) \\
&:= 6 + (6 \times 6 \times 6 \times 6 + 6/6) \\
&:= 7 + (7 - 7/7)^{77/7-7} \\
&:= 88 + (8 \times (8 \times 8 + 88) - 8/8) \\
&:= 9 + (((9 + 9) \times (9 \times 9 - 9)) - ((9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1304 &:= 11^{1+1+1} - (1 + 1 + 1)^{1+1+1} \\
&:= 2 \times (2 \times ((2^{2+2} + 2)^2) + 2) \\
&:= ((33/3)^3) - 3^3 \\
&:= 4 + (((4 + 4)/4 + 4)^4 + 4) \\
&:= 5 + ((5 - 5/5)^5 + 5 \times 55) \\
&:= 6 + (6 \times 6 \times 6 \times 6 + ((6 + 6)/6)) \\
&:= ((7 + 7)/7)^7 + (7 + 7) \times (77 + 7) \\
&:= 88 + 8 \times (8 \times 8 + 88) \\
&:= 9 + (((9 + 9) \times (9 \times 9 - 9)) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1305 &:= (11 - 1 - 1) \times (1 + (1 + 11)^{1+1}) \\
&:= 22/2 + ((2 + 2 + 2)^{2+2} - 2) \\
&:= 3 \times 3 + ((3 + 3)^{3/3+3}) \\
&:= (4/4 + 4) \times ((4/4 + 4^4) + 4) \\
&:= 5 + ((5 + 5) \times (5 \times 5 \times 5 + 5)) \\
&:= 6 + (6 \times 6 \times 6 \times 6 + (6 \times 6/(6 + 6))) \\
&:= 7 + 77/7 \times (777/7 + 7) \\
&:= (8 - 8/8 + 8) \times (88 - 8/8) \\
&:= 9 + ((9 + 9) \times (9 \times 9 - 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1306 &:= (1+11) \times (111-1-1) - 1 - 1 \\
&:= 2 + ((2+2+2)^{2+2} + 2 \times (2+2)) \\
&:= 3 + (((33/3)^3) - (3^3 + 3/3)) \\
&:= (44-4)/4 + ((4+4)/4 + 4)^4 \\
&:= 5 + (((5/5+5)^{5-5/5}) + 5) \\
&:= ((66-6)/6) + 6 \times 6 \times 6 \times 6 \\
&:= 7 + (((77 \times (777/7+7)) + 7)/7) \\
&:= 8 + (((8-888)/8) + 88 \times (8+8)) \\
&:= 9 + (((9+9) \times (9 \times 9 - 9)) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1307 &:= (1+11) \times (111-1-1) - 1 \\
&:= 22/2 + (2+2+2)^{2+2} \\
&:= 3 + (((33/3)^3) - 3^3) \\
&:= 44/4 + ((4+4)/4 + 4)^4 \\
&:= 55 + ((5+5)/5 \times (5^5 + 5)/5) \\
&:= 66/6 + 6 \times 6 \times 6 \times 6 \\
&:= (7+7) \times (7+7) + 7777/7 \\
&:= 8 + (((8+8) \times (88-8) + (88/8)) + 8) \\
&:= 99/9 + ((9+9) \times (9 \times 9 - 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1308 &:= (1+11) \times (111-1-1) \\
&:= 2 \times (((22+2+2)^2) - 22) \\
&:= 3 + (((3+3)^{3/3+3}) + 3 \times 3) \\
&:= 4 + (((4+4)/4 + 4)^4 + 4) \\
&:= 5 + (((5+5)/5 \times (5^5 - 5)/5) + 55) \\
&:= 6 + (6 \times 6 \times 6 \times 6 + 6) \\
&:= 7 \times 77 + (777 - (7/7 + 7)) \\
&:= (88 \times (888/8 + 8) - 8)/8 \\
&:= ((99+9)/9) + ((9+9) \times (9 \times 9 - 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1309 &:= 11 \times (11^{1+1} - 1 - 1) \\
&:= 22/2 \times ((22/2)^2 - 2) \\
&:= 33/3 + (((33/3)^3) - 33) \\
&:= 4 + ((4/4+4) \times ((4/4+4^4) + 4)) \\
&:= 5 + (((5-5/5)^5 + 5 \times 55) + 5) \\
&:= 6 + ((6 \times 6 \times 6 \times 6 + 6/6) + 6) \\
&:= 77 \times ((77-7)/7 + 7) \\
&:= 88/8 \times (888/8 + 8) \\
&:= 99 + (9999/9 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1310 &:= 1 + 11 \times (11^{1+1} - 1 - 1) \\
&:= ((2+2+2) \times 222) - 22 \\
&:= 3 + (((33/3)^3) - 3^3) + 3 \\
&:= (4/4+4) \times (((4+4)/4 + 4^4) + 4) \\
&:= 5 + (((5+5) \times (5 \times 5 \times 5 + 5)) + 5) \\
&:= 6 + ((6 \times 6 \times 6 \times 6 + ((6+6)/6)) + 6) \\
&:= 7 + ((7-7/7)^{77/7-7} + 7) \\
&:= (88 \times (888/8 + 8) + 8)/8 \\
&:= 99 + ((9999+9)/9 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1311 &:= 1 + 1 + 11 \times (11^{1+1} - 1 - 1) \\
&:= 2 + (22/2 \times ((22/2)^2 - 2)) \\
&:= ((3+3) \times ((3+3)^3 + 3)) - 3 \\
&:= 44 \times 44 - (4/4 + 4)^4 \\
&:= 5 + (((5/5+5)^{5-5/5}) + 5) + 5 \\
&:= 6 + ((6 \times 6 \times 6 \times 6 + (6 \times 6/(6+6))) + 6) \\
&:= 7 + ((7+7) \times (77+7) + ((7+7)/7)^7) \\
&:= 88 \times (8+8) - ((8/8+88) + 8) \\
&:= 99/9 \times (999/9 + 9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1312 &:= 1 + 1 + 1 + 11 \times (11^{1+1} - 1 - 1) \\
&:= 2^{2+2} + (2+2+2)^{2+2} \\
&:= 3/3 + (((3+3) \times ((3+3)^3 + 3)) - 3) \\
&:= 4 \times ((4 \times (4-4/4)^4) + 4) \\
&:= 5 + (((5+5)/5 \times (5^5 + 5)/5) + 55) \\
&:= 6 + (((66-6)/6) + 6 \times 6 \times 6 \times 6) \\
&:= (7 \times ((7+7) \times (7+7) - 7)) - 77/7 \\
&:= 88 \times (8+8) - (88+8) \\
&:= (9-9/9) \times (((9+9)/9) + 9 \times (9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1313 &:= (1+1+11) \times (1+(11-1)^{1+1}) \\
&:= 2 + ((22/2 \times ((22/2)^2 - 2)) + 2) \\
&:= ((33/3)^3) - (3 \times (3+3)) \\
&:= 4 \times 4 + (((4+4)/4 + 4)^4 + 4/4) \\
&:= 55 + ((5+5)/5 \times ((5^5 - 5)/5 + 5)) \\
&:= 6 + (6 \times 6 \times 6 \times 6 + (66/6)) \\
&:= 7 \times 77 + (777 - ((7+7+7)/7)) \\
&:= 8 + ((8-8/8+8) \times (88-8/8)) \\
&:= 9 + (((9+9) \times (9 \times 9 - 9)) - 9/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1314 &:= 1 + (1+1+11) \times (1+(11-1)^{1+1}) \\
&:= 2 + ((2+2+2)^{2+2} + 2^{2+2}) \\
&:= (3+3) \times ((3+3)^3 + 3) \\
&:= (((4+4) \times (4/4+4)^4) + 4^4)/4 \\
&:= 5 \times 5 \times 55 - ((55+5/5) + 5) \\
&:= 6 + ((6 \times 6 \times 6 \times 6 + 6) + 6) \\
&:= 7 \times 77 + (777 - ((7+7)/7)) \\
&:= (8+8)/8 + (88 \times (8+8) - (88+8)) \\
&:= 9 + (((9+9) \times (9 \times 9 - 9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1315 &:= 11^{1+1+1} - (1+1)^{1+1+1} \\
&:= (22/2)^{2/2+2} - 2^{2+2} \\
&:= 3/3 + ((3+3) \times ((3+3)^3 + 3)) \\
&:= ((44/4)^{4-4/4}) - 4 \times 4 \\
&:= 5 \times 5 \times 55 - (55+5) \\
&:= 6 + (((6 \times 6 \times 6 \times 6 + 6/6) + 6) + 6) \\
&:= 7 \times 77 + (777 - 7/7) \\
&:= ((88/8)^{88/8-8}) - 8 - 8 \\
&:= 9 + (((9+9) \times (9 \times 9 - 9)) + 9/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1316 &:= 11^{1+1+1} - 1 - 1 - 1 - 1 - 11 \\
&:= 22 + ((2+2+2)^{2+2} - 2) \\
&:= 3 + (((33/3)^3) - (3 \times (3+3))) \\
&:= 4 + (4 \times (4^4 + 4 + 4) + 4^4) \\
&:= 5 \times 5 + (((5/5+5)^{5-5/5}) - 5) \\
&:= 6 + (((6 \times 6 \times 6 \times 6 + ((6+6)/6)) + 6) + 6) \\
&:= 7 \times 77 + 777 \\
&:= 8 + ((88 \times (888/8 + 8) - 8)/8) \\
&:= 9 + (((9+9) \times (9 \times 9 - 9)) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1317 &:= 11^{1+1+1} - 1 - 1 - 1 - 11 \\
&:= 22 + ((2+2+2)^{2+2} - 2/2) \\
&:= 3 + ((3+3) \times ((3+3)^3 + 3)) \\
&:= (4-4/4) \times (444 - (4/4+4)) \\
&:= 55 + ((5+5)/5 \times ((5^5 + 5)/5 + 5)) \\
&:= 6 \times 6 \times 6 \times 6 + ((6 \times 6 + 6)/((6+6)/6)) \\
&:= 7/7 + (7 \times 77 + 777) \\
&:= 8 + (88/8 \times (888/8 + 8)) \\
&:= 9 + (((9+9) \times (9 \times 9 - 9)) + ((99+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1318 &:= 11^{1+1+1} - 1 - 1 - 11 \\
&:= 22 + (2+2+2)^{2+2} \\
&:= 3 + (((3+3) \times ((3+3)^3 + 3)) + 3/3) \\
&:= 4 + (((4+4) \times (4/4+4)^4) + 4^4)/4 \\
&:= 5 \times 5 \times 55 - ((5+5)/5 + 55) \\
&:= ((6+6)/6) \times (666 - 6/6 - 6) \\
&:= 7 \times 77 + (((7+7)/7) + 777) \\
&:= 88 \times (8+8) - ((8+8)/8 + 88) \\
&:= 9 + ((9999/9 + 99) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1319 &:= 11^{1+1+1} - 1 - 11 \\
&:= 22 + ((2+2+2)^{2+2} + 2/2) \\
&:= ((33/3)^3) - (3 \times 3 + 3) \\
&:= 4 + (((44/4)^{4-4/4}) - 4 \times 4) \\
&:= 5 \times 5 \times 55 - (55 + 5/5) \\
&:= (((6+6) \times (666-6)) - 6)/6 \\
&:= 7 + ((7 \times ((7+7) \times (7+7) - 7)) - (77/7)) \\
&:= 88 \times (8+8) - (8/8 + 88) \\
&:= (((9+9)/9)^{99/9}) - 9 \times 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1320 &:= 11 \times (11^{1+1} - 1) \\
&:= (2+2+2) \times (222-2) \\
&:= (3/3+3) \times (333-3) \\
&:= (4-4/4) \times (444-4) \\
&:= 55 \times (5 \times 5 - 5/5) \\
&:= (6+6) \times ((666-6)/6) \\
&:= (77+7)/7 \times (777-7)/7 \\
&:= 88 \times (8-8/8+8) \\
&:= 99/9 \times (999/9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1321 &:= 1 + 11 \times (11^{1+1} - 1) \\
&:= 2/2 + ((2+2+2) \times (222-2)) \\
&:= ((3-33)/3) + ((33/3)^3) \\
&:= 4/4 + ((4-4/4) \times (444-4)) \\
&:= 5 \times 5 + ((5/5+5)^{5-5/5}) \\
&:= (6 \times (6 \times 6 \times 6 + 6)) - 66/6 \\
&:= (7 \times ((7+7) \times (7+7) - 7)) - (7+7)/7 \\
&:= 8/8 + 88 \times (8-8/8+8) \\
&:= 9 + ((9-9/9) \times (((9+9)/9) + 9 \times (9+9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1322 &:= 1 + 1 + 11 \times (11^{1+1} - 1) \\
&:= 2 + ((2+2+2) \times (222-2)) \\
&:= ((33/3)^3) - 3 \times 3 \\
&:= 44 + ((4 \times 4^4 - (4+4)/4) + 4^4) \\
&:= (5+5)/5 + (55 \times (5 \times 5 - 5/5)) \\
&:= ((6+6)/6) \times ((666-6) + 6/6) \\
&:= (7 \times ((7+7) \times (7+7) - 7)) - 7/7 \\
&:= (8+8)/8 + 88 \times (8-8/8+8) \\
&:= 9 \times (9 \times 9 + 9) + (((9+9)/9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1323 &:= 1 + 1 + 1 + 11 \times (11^{1+1} - 1) \\
&:= (2/2+2) \times ((22-2/2)^2) \\
&:= 3^3 + ((3+3)^{3/3+3}) \\
&:= ((44/4)^{4-4/4}) - 4 - 4 \\
&:= (5 \times (5 \times 55 - (5+5))) - (5+5)/5 \\
&:= 6 \times 6 + ((66/6) \times (666/6+6)) \\
&:= 7 \times ((7+7) \times (7+7) - 7) \\
&:= ((88/8)^{88/8-8}) - 8 \\
&:= 999 + (9+9) \times (9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1324 &:= 1 + 1 + 1 + 1 + 11 \times (11^{1+1} - 1) \\
&:= 2 + (((2+2+2) \times (222-2)) + 2) \\
&:= ((33/3)^3) - ((3/3+3) + 3) \\
&:= 44 + (4 \times 4^4 + 4^4) \\
&:= (5 \times (55+5)) + (5-5/5)^5 \\
&:= ((6+6)/6)^6 + (6 \times (6 \times 6 \times 6 - 6)) \\
&:= 7/7 + (7 \times ((7+7) \times (7+7) - 7)) \\
&:= (((88+8)/8) \times 888/8) - 8 \\
&:= 9/9 + ((9+9) \times (9+9) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1325 &:= 11^{1+1+1} - (1+1) \times (1+1+1) \\
&:= 2 + ((2/2+2) \times ((22-2/2)^2)) \\
&:= ((33/3)^3) - (3+3) \\
&:= 44 + ((4 \times 4^4 + 4/4) + 4^4) \\
&:= 5 \times (5 \times 55 - (5+5)) \\
&:= (6 \times (6 \times 6 \times 6 + 6)) - 6/6 - 6 \\
&:= ((7+7)/7) + (7 \times ((7+7) \times (7+7) - 7)) \\
&:= 8 + ((88/8 \times (888/8+8)) + 8) \\
&:= 9 + (((9+9) \times (9 \times 9 - 9)) + (99/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1326 &:= 11^{1+1+1} - 1 - 1 - 1 - 1 - 1 \\
&:= (2/2+2) \times (2 \times 222 - 2) \\
&:= 3 + (((3+3)^{3/3+3}) + 3^3) \\
&:= (4-4/4) \times (444 - (4+4)/4) \\
&:= 5/5 + (5 \times (5 \times 55 - (5+5))) \\
&:= (6 \times (6 \times 6 \times 6 + 6)) - 6 \\
&:= (7/7+77) \times ((77-7)/7+7) \\
&:= 8 + (88 \times (8+8) - ((8+8)/8+88)) \\
&:= ((9-9/9)+9) \times (9 \times 9 - ((9+9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1327 &:= 11^{1+1+1} - 1 - 1 - 1 - 1 \\
&:= (22/2)^{2/2+2} - 2 - 2 \\
&:= ((33/3)^3) - (3/3+3) \\
&:= ((44/4)^{4-4/4}) - 4 \\
&:= (5+5)/5 + (5 \times (5 \times 55 - (5+5))) \\
&:= 6/6 + ((6 \times (6 \times 6 \times 6 + 6)) - 6) \\
&:= 7 \times 77 + (77/7+777) \\
&:= 8 + (88 \times (8+8) - (8/8+88)) \\
&:= 9 + (((9999/9+99) + 99) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1328 &:= 11^{1+1+1} - 1 - 1 - 1 \\
&:= 2 \times (((2/2+2) \times 222) - 2) \\
&:= ((33/3)^3) - 3 \\
&:= ((4-4/4) \times 444) - 4 \\
&:= 5 + ((5 \times (5 \times 55 - (5+5))) - ((5+5)/5)) \\
&:= 6 \times 6 \times 6 + (6666+6)/6 \\
&:= 7 + ((7 \times ((7+7) \times (7+7) - 7)) - ((7+7)/7)) \\
&:= 8 + 88 \times (8-8/8+8) \\
&:= 9 + (((9+9)/9)^{99/9}) - 9 \times 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1329 &:= 11^{1+1+1} - 1 - 1 \\
&:= (22/2)^{2/2+2} - 2 \\
&:= 3/3 + (((33/3)^3) - 3) \\
&:= (4-4/4) \times (444-4/4) \\
&:= 5 + ((5 \times (55+5)) + (5-5/5)^5) \\
&:= 6 \times 6 \times 6 \times 6 + (66 \times 6/(6+6)) \\
&:= 7 + ((7 \times ((7+7) \times (7+7) - 7)) - 7/7) \\
&:= 8 + (88 \times (8-8/8+8) + 8/8) \\
&:= 9 + 99/9 \times (999/9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1330 &:= 11^{1+1+1} - 1 \\
&:= ((2+2+2) \times 222) - 2 \\
&:= ((33/3)^3) - 3/3 \\
&:= ((44/4)^{4-4/4}) - 4/4 \\
&:= 5 + (5 \times (5 \times 55 - (5+5))) \\
&:= ((6+6)/6) \times (666-6/6) \\
&:= 7 + (7 \times ((7+7) \times (7+7) - 7)) \\
&:= ((88/8)^{88/8-8}) - 8/8 \\
&:= (9/9+9+9) \times (9 \times 9 - 99/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1331 &:= 11^{1+1+1} \\
&:= (22/2)^{2/2+2} \\
&:= (33/3)^3 \\
&:= (44/4)^{4-4/4} \\
&:= (55/5)^{5-(5+5)/5} \\
&:= (66/6)^{6 \times 6/(6+6)} \\
&:= (77/7)^{(7+7+7)/7} \\
&:= (88/8)^{88/8-8} \\
&:= (99/9)^{(9+9+9)/9}
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1332 &:= 1 + 11^{1+1+1} \\
&:= (2+2+2) \times 222 \\
&:= 3/3 + ((33/3)^3) \\
&:= (4-4/4) \times 444 \\
&:= ((55+5)/5) \times 555/5 \\
&:= 6 \times (6 \times 6 \times 6 + 6) \\
&:= (77+7)/7 \times 777/7 \\
&:= ((88+8)/8) \times 888/8 \\
&:= 9 + ((9+9) \times (9+9) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1333 &:= 1 + 1 + 11^{1+1+1} \\
&:= 2 + (22/2)^{2/2+2} \\
&:= 3 + (((33/3)^3) - 3/3) \\
&:= 4/4 + ((4-4/4) \times 444) \\
&:= ((555 \times ((55+5)/5)) + 5)/5 \\
&:= 6/6 + (6 \times (6 \times 6 \times 6 + 6)) \\
&:= ((777 \times (77+7)/7) + 7)/7 \\
&:= 88 \times (8+8) - (88/8+8 \times 8) \\
&:= 9 + (((9+9) \times (9+9) + 999) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1334 &:= 1 + 1 + 1 + 11^{1+1+1} \\
&:= 2 + ((2+2+2) \times 222) \\
&:= 3 + ((33/3)^3) \\
&:= 4 + (((44/4)^{4-4/4}) - 4/4) \\
&:= (5 \times (5 \times 55 - 5)) - (55/5+5) \\
&:= (6+6)/6 + (6 \times (6 \times 6 \times 6 + 6)) \\
&:= 77/7 + (7 \times ((7+7) \times (7+7) - 7)) \\
&:= 888 + (8 \times (8 \times 8 - 8) - ((8+8)/8)) \\
&:= 99/9 + ((9+9) \times (9+9) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1335 &:= 1 + 1 + 1 + 1 + 11^{1+1+1} \\
&:= 2 + ((22/2)^{2/2+2} + 2) \\
&:= 3 + (((33/3)^3) + 3/3) \\
&:= 4 + ((44/4)^{4-4/4}) \\
&:= 5 + ((5 \times (5 \times 55 - (5+5))) + 5) \\
&:= (6 \times 6/(6+6)) + (6 \times (6 \times 6 \times 6 + 6)) \\
&:= (77+7)/7 + (7 \times ((7+7) \times (7+7) - 7)) \\
&:= (8-8/8+8) \times (8/8+88) \\
&:= (9 - (9 \times 9 \times 99))/((9+9+9)/9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1336 &:= 1+1+1+1+1+1+11^{1+1+1} \\
&:= 2 + (((2+2+2) \times 222) + 2) \\
&:= 3 + (((33/3)^3) - 3/3) + 3 \\
&:= 4 + ((4-4/4) \times 444) \\
&:= 5 + ((55/5)^{5-(5+5)/5}) \\
&:= 6 + (((6+6)/6) \times (666-6/6)) \\
&:= 7 + (((7 \times ((7+7) \times (7+7) - 7)) - 7/7) + 7) \\
&:= 888 + 8 \times (8 \times 8 - 8) \\
&:= 9 \times 99 + (((9 \times 9 \times 99) - 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1337 &:= 1+1+1+1+1+1+1+11^{1+1+1} \\
&:= 2 + (((22/2)^{2/2+2} + 2) + 2) \\
&:= 3 + (((33/3)^3) + 3) \\
&:= 4 + (((4-4/4) \times 444) + 4/4) \\
&:= 5 + (((55+5)/5) \times 555/5) \\
&:= 6 + ((66/6)^{6 \times 6/(6+6)}) \\
&:= 7 + ((7 \times ((7+7) \times (7+7) - 7)) + 7) \\
&:= 8/8 + (8 \times (8 \times 8 - 8) + 888) \\
&:= 9 \times 99 + (((9 \times 9 \times 99) + 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1338 &:= 11+11^{1+1+1} - 1 - 1 - 1 - 1 \\
&:= (2/2+2) \times (2 \times 222+2) \\
&:= 3 + (((33/3)^3) + 3/3) + 3 \\
&:= (4+4)/4 \times ((4/4+4)^4 + 44) \\
&:= 5 \times 5 \times 55 - (((5+5)/5)^5 + 5) \\
&:= 6 + (6 \times (6 \times 6 \times 6 + 6)) \\
&:= 7 + ((77/7)^{(7+7+7)/7}) \\
&:= 8 + (((88/8)^{88/8-8}) - 8/8) \\
&:= 9 \times 9 \times (9+9) - (999/9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1339 &:= 11+11^{1+1+1} - 1 - 1 - 1 \\
&:= 2 \times (2+2) + (22/2)^{2/2+2} \\
&:= 3 \times 3 + (((33/3)^3) - 3/3) \\
&:= 4 + (((44/4)^{4-4/4}) + 4) \\
&:= (5 \times (5 \times 55 - 5)) - 55/5 \\
&:= 6 + ((6 \times (6 \times 6 \times 6 + 6)) + 6/6) \\
&:= 7 + ((77+7)/7 \times 777/7) \\
&:= 8 + ((88/8)^{88/8-8}) \\
&:= 9 + ((9/9+9+9) \times (9 \times 9 - (99/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1340 &:= 11+11^{1+1+1} - 1 - 1 \\
&:= (2 \times 22) + (2+2+2)^{2+2} \\
&:= 3 \times 3 + ((33/3)^3) \\
&:= 44 + ((4+4)/4+4)^4 \\
&:= (5 \times (5 \times 55 - 5)) - 5 - 5 \\
&:= 6 + ((6 \times (6 \times 6 \times 6 + 6)) + ((6+6)/6)) \\
&:= 7 + (((777 \times (77+7)/7) + 7)/7) \\
&:= 8 + (((88+8)/8) \times 888/8) \\
&:= 9 + (99/9)^{(9+9+9)/9}
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1341 &:= 11+11^{1+1+1} - 1 \\
&:= (2 \times ((22+2+2)^2)) - 22/2 \\
&:= 3^3 + ((3+3) \times ((3+3)^3 + 3)) \\
&:= 44 + (((4+4)/4+4)^4 + 4/4) \\
&:= 5 + (((55/5)^{5-(5+5)/5}) + 5) \\
&:= 6 + ((6 \times (6 \times 6 \times 6 + 6)) + (6 \times 6/(6+6))) \\
&:= 7 + ((7 \times ((7+7) \times (7+7) - 7)) + (77/7)) \\
&:= 8 + (88 \times (8+8) - (88/8+8 \times 8)) \\
&:= 9 \times 9 \times (9+9) - (99+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1342 &:= 11+11^{1+1+1} \\
&:= ((2+2+2) \times (222+2)) - 2 \\
&:= 33/3 + ((33/3)^3) \\
&:= 44/4 + ((44/4)^{4-4/4}) \\
&:= 55/5 \times ((555+55)/5) \\
&:= 66/6 \times ((666+66)/6) \\
&:= 77/7 \times (777+77)/7 \\
&:= 88/8 \times ((888+88)/8) \\
&:= 99/9 \times (999+99)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1343 &:= 1+11+11^{1+1+1} \\
&:= 22/2 + ((2+2+2) \times 222) \\
&:= 3 + (((33/3)^3) + 3 \times 3) \\
&:= 4 + (((44/4)^{4-4/4}) + 4) + 4 \\
&:= 5 \times 5 \times 55 - ((5+5)/5)^5 \\
&:= 66/6 + (6 \times (6 \times 6 \times 6 + 6)) \\
&:= ((77-7)/7+7) \times ((7+7)/7+77) \\
&:= 88 \times (8+8) - (8/8+8 \times 8) \\
&:= ((9-9/9)+9) \times (9 \times 9 - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1344 &:= (1+11) \times (1+111) \\
&:= (2+2+2) \times (222+2) \\
&:= (3/3+3) \times (333+3) \\
&:= 4 \times ((4 \times (4 \times 4 + 4)) + 4^4) \\
&:= (5 \times 5 - 5/5) \times (55+5/5) \\
&:= 6 + ((6 \times (6 \times 6 \times 6 + 6)) + 6) \\
&:= (7+7) \times (7 \times (7+7) - ((7+7)/7)) \\
&:= 8 \times (88-8+88) \\
&:= ((99+9)/9) \times ((999+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1345 &:= 1+(1+11) \times (1+111) \\
&:= 2/2 + ((2+2+2) \times (222+2)) \\
&:= 3 + (((33/3)^3) + 33/3) \\
&:= 4/4 + ((4 \times (4 \times 4 + 4^4)) + 4^4) \\
&:= (5 \times (5 \times 55 - 5)) - 5 \\
&:= (((6+6) \times (666+6)) + 6)/6 \\
&:= 7 + (((77/7)^{(7+7+7)/7}) + 7) \\
&:= 8/8 + 8 \times (88-8+88) \\
&:= 9 \times (9+9+9) + (9999/9-9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1346 &:= 1+1+(1+11) \times (1+111) \\
&:= 2 + ((2+2+2) \times (222+2)) \\
&:= 3 + (((33/3)^3) + 3 \times 3) + 3 \\
&:= 4 + (((44/4)^{4-4/4}) + 44/4) \\
&:= 5/5 + ((5 \times (5 \times 55 - 5)) - 5) \\
&:= ((6+6)/6) \times (666+6/6+6) \\
&:= 7 + (((77+7)/7 \times 777/7) + 7) \\
&:= (8+8)/8 + 8 \times (88-8+88) \\
&:= 9 \times 9 \times (9+9) - ((999+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1347 &:= 1+1+1+(1+11) \times (1+111) \\
&:= 2^{2+2} + (22/2)^{2/2+2} \\
&:= 3 + ((3/3+3) \times (333+3)) \\
&:= 4 \times 4 + ((44/4)^{4-4/4}) \\
&:= (5+5)/5 + ((5 \times (5 \times 55 - 5)) - 5) \\
&:= ((66/6) \times ((666/6+6) + 6)) - 6 \\
&:= 7 \times 7 + 77/7 \times (777/7+7) \\
&:= 8 + (((88/8)^{88/8-8}) + 8) \\
&:= 9 \times 9 \times (9+9) - 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1348 &:= 1+1+1+1+(1+11) \times (1+111) \\
&:= 2 \times (((22+2+2)^2) - 2) \\
&:= 3 + (((33/3)^3) + 33/3) + 3 \\
&:= 4 \times ((4-4/4)^4 + 4^4) \\
&:= (5 \times (5 \times 55 - 5)) - (5+5)/5 \\
&:= 6 + ((6 \times (6 \times 6 \times 6 + 6)) + ((66-6)/6)) \\
&:= (77/7-7) \times ((7 \times 7 \times 7 - 7) + 7/7) \\
&:= 8 + (((88+8)/8) \times 888/8) + 8 \\
&:= 9 \times 9 \times (9+9) + ((9-999)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1349 &:= 11^{1+1+1} + (1+1) \times (11-1-1) \\
&:= 2/2 + (2 \times (((22+2+2)^2) - 2)) \\
&:= (3 \times (3+3)) + ((33/3)^3) \\
&:= 4/4 + (4 \times ((4-4/4)^4 + 4^4)) \\
&:= (5 \times (5 \times 55 - 5)) - 5/5 \\
&:= 6 + ((6 \times (6 \times 6 \times 6 + 6)) + (66/6)) \\
&:= 7 + (77/7 \times (777+77)/7) \\
&:= (88/8+8) \times ((8 \times 8 - 8/8) + 8) \\
&:= 9 + ((99/9)^{(9+9+9)/9} + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1350 &:= 11^{1+1+1} + (1+1) \times (11-1) - 1 \\
&:= (2 \times ((22+2+2)^2)) - 2 \\
&:= (3+3) \times ((3+3)^3 + 3 \times 3) \\
&:= 4^4 + (((4444-4)/4-4 \times 4) \\
&:= 5 \times (5 \times 55 - 5) \\
&:= 6 + (((6 \times (6 \times 6 \times 6 + 6)) + 6) + 6) \\
&:= ((77-7)/7) \times (((7+7)/7)^7 + 7) \\
&:= (8-8/8+8) \times ((8+8)/8+88) \\
&:= 9 \times 9 \times (9+9) - (99+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1351 &:= 11^{1+1+1} + (1+1) \times (11-1) \\
&:= (2 \times ((22+2+2)^2)) - 2/2 \\
&:= 3 \times 3 + (((33/3)^3) + 33/3) \\
&:= 4 + (((44/4)^{4-4/4}) + 4 \times 4) \\
&:= 5/5 + (5 \times (5 \times 55 - 5)) \\
&:= 6 + (((6+6) \times (666+6)) + 6)/6) \\
&:= 77 + (7+7) \times (77+7+7) \\
&:= 8 + (88 \times (8+8) - (8/8+8 \times 8)) \\
&:= 9/9 + (9 \times 9 \times (9+9) - (99+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1352 &:= 11 \times (1 + (1 + 11^{1+1})) - 1 \\
&:= 2 \times ((22+2+2)^2) \\
&:= 3 + (((33/3)^3) + (3 \times (3+3))) \\
&:= 4 + (4 \times ((4-4/4)^4 + 4^4)) \\
&:= (5+5)/5 + (5 \times (5 \times 55 - 5)) \\
&:= 6 + (((6+6)/6) \times (666+6/6+6)) \\
&:= (7-7/7+7) \times (777/7-7) \\
&:= 8+8 \times (88-8+88) \\
&:= 9 + (((9-9/9)+9) \times (9 \times 9 - ((9+9)/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1353 &:= 11 \times (1+1+11^{1+1}) \\
&:= 22 + (22/2)^{2/2+2} \\
&:= 3 + ((3+3) \times ((3+3)^3 + 3 \times 3)) \\
&:= 4 + ((4 \times ((4-4/4)^4 + 4^4)) + 4/4) \\
&:= 5 + ((5 \times (5 \times 55 - 5)) - ((5+5)/5)) \\
&:= 66/6 \times ((666/6+6) + 6) \\
&:= 77/7 \times ((777+77+7)/7) \\
&:= 8 + (8 \times (88-8+88) + 8/8) \\
&:= 9 + (((99+9)/9) \times ((999+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1354 &:= 1+11 \times (1+1+11^{1+1}) \\
&:= 2 + (2 \times ((22+2+2)^2)) \\
&:= (3333 + 3^{3+3})/3 \\
&:= (44 \times (4^4 - 4) - 4^4)/(4+4) \\
&:= 5 + ((5 \times (5 \times 55 - 5)) - 5/5) \\
&:= ((6+6)/6) \times (666 + (66/6)) \\
&:= (7 \times (7+7) \times (7+7)) - (77/7+7) \\
&:= 8 + (8 \times (88-8+88) + ((8+8)/8)) \\
&:= 9 \times (9+9+9) + 9999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1355 &:= 11 + (1+11) \times (1+111) \\
&:= 2 + ((2 \times ((22+2+2)^2)) + 2/2) \\
&:= 3^3 + (((33/3)^3) - 3) \\
&:= (4/4+4) \times ((44/4+4^4) + 4) \\
&:= 5 + (5 \times (5 \times 55 - 5)) \\
&:= 66 + (6 \times 6 \times 6 \times 6 - (6/6+6)) \\
&:= ((7-77)/7) + ((7 \times (7+7) \times (7+7)) - 7) \\
&:= 88/8 + 8 \times (88-8+88) \\
&:= 9 + (9 \times 9 \times (9+9) - ((999+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1356 &:= (1+11) \times (1+1+111) \\
&:= 2 \times (((22+2+2)^2) + 2) \\
&:= (3/3+3) \times ((333+3) + 3) \\
&:= (4-4/4) \times (444+4+4) \\
&:= 5 + ((5 \times (5 \times 55 - 5)) + 5/5) \\
&:= 66 + (6 \times 6 \times 6 \times 6 - 6) \\
&:= (7-7/7) \times (((7+7)/7)^7 + 7 \times (7+7)) \\
&:= ((88+8)/8) + 8 \times (88-8+88) \\
&:= 9 + (9 \times 9 \times (9+9) - 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1357 &:= 1 + (1+11) \times (1+1+111) \\
&:= 2/2 + (2 \times (((22+2+2)^2) + 2)) \\
&:= 3^3 + (((33/3)^3) - 3/3) \\
&:= 4/4 + ((4-4/4) \times (444+4+4)) \\
&:= 5 + ((5 \times (5 \times 55 - 5)) + ((5+5)/5)) \\
&:= 66 + ((6 \times 6 \times 6 \times 6 - 6) + 6/6) \\
&:= (7 \times (7+7) \times (7+7)) - (7/7+7+7) \\
&:= 8 + ((88/8+8) \times ((8 \times 8 - 8/8) + 8)) \\
&:= 9 \times 9 \times (9+9) - ((9+9)/9+99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1358 &:= 1+1+(1+11) \times (1+1+111) \\
&:= 2 + (2 \times (((22+2+2)^2) + 2)) \\
&:= 3^3 + (((33/3)^3) \\
&:= 4 + ((44 \times (4^4 - 4) - 4^4)/(4+4)) \\
&:= (5+5)/5 \times ((5^5 - 5)/5 + 55) \\
&:= 66 + ((6 \times 6 \times 6 \times 6 - 6) + ((6+6)/6)) \\
&:= (7+7) \times (7 \times (7+7) - 7/7) \\
&:= 8 + ((8-8/8+8) \times ((8+8)/8+88)) \\
&:= 9 \times 9 \times (9+9) - (9/9+99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1359 &:= 1+1+1+(1+11) \times (1+1+111) \\
&:= 2 + ((2 \times (((22+2+2)^2) + 2)) + 2/2) \\
&:= 3 \times ((3 \times (3+3) \times 3^3) - 33) \\
&:= 4^4 + (4444/4 - (4+4)) \\
&:= 5 \times 5 \times 55 - (55/5+5) \\
&:= 6 + ((66/6) \times ((666/6+6) + 6)) \\
&:= 7/7 + ((7+7) \times (7 \times (7+7) - 7/7)) \\
&:= (8/8+8) \times ((88-8/8) + 8 \times 8) \\
&:= 9 \times 9 \times (9+9) - 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1360 &:= 1+1+1+1+(1+11) \times (1+1+111) \\
&:= 2 \times (((22+2+2)^2) + 2) + 2) \\
&:= 3 + (((33/3)^3) - 3/3 + 3^3) \\
&:= 4 \times (4 \times ((4-4/4)^4 + 4)) \\
&:= 5 + ((5 \times (5 \times 55 - 5)) + 5) \\
&:= ((6+6)/6)^6 + 6 \times 6 \times 6 \times 6 \\
&:= (7 \times (7+7) \times (7+7)) - (77+7)/7 \\
&:= (88-8) \times (8/8+8+8) \\
&:= 9/9 + (9 \times 9 \times (9+9) - 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1361 &:= 11^{1+1+1} + (11-1) \times (1+1+1) \\
&:= 2/2 + (2 \times (((22+2+2)^2) + 2) + 2)) \\
&:= 3 + (((33/3)^3) + 3^3) \\
&:= 4/4 + (4 \times (4 \times ((4-4/4)^4 + 4))) \\
&:= 55/5 + (5 \times (5 \times 55 - 5)) \\
&:= 66 + (6 \times 6 \times 6 \times 6 - 6/6) \\
&:= (7 \times (7+7) \times (7+7)) - 77/7 \\
&:= 8/8 + (88-8) \times (8/8+8+8) \\
&:= (9+9)/9 + (9 \times 9 \times (9+9) - 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1362 &:= 11 \times (1+1+1+11^{1+1}) - 1 - 1 \\
&:= (22 \times (2^{2+2+2} - 2)) - 2 \\
&:= (3+3) \times ((3+3)^3 + 33/3) \\
&:= 4^4 + ((4444-4)/4-4) \\
&:= (5+5)/5 \times ((5^5+5)/5+55) \\
&:= 66+6 \times 6 \times 6 \times 6 \\
&:= ((7-77)/7) + (7 \times (7+7) \times (7+7)) \\
&:= (8+8)/8 + (88-8) \times (8/8+8+8) \\
&:= 999 + ((99 \times 99)/(9+9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1363 &:= 11 \times (1+1+1+11^{1+1}) - 1 \\
&:= 22/2 + (2 \times ((22+2+2)^2)) \\
&:= 33 + (((33/3)^3) - 3/3) \\
&:= 4^4 + (4444/4 - 4) \\
&:= 5 \times 5 \times 55 - (55+5)/5 \\
&:= 66 + (6 \times 6 \times 6 \times 6 + 6/6) \\
&:= (7 \times (7+7) \times (7+7)) - ((7+7)/7+7) \\
&:= 8 + (8 \times (88-8+88) + (88/8)) \\
&:= 9 + (9999/9 + 9 \times (9+9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1364 &:= 11 \times (1+1+1+11^{1+1}) \\
&:= 22 \times (2^{2+2+2} - 2) \\
&:= 33 + (((33/3)^3) \\
&:= 44 \times (4 \times (4+4) - 4/4) \\
&:= 5 \times 5 \times 55 - 55/5 \\
&:= 66 + (6 \times 6 \times 6 \times 6 + ((6+6)/6)) \\
&:= (7 \times (7+7) \times (7+7)) - (7/7+7) \\
&:= 88 \times (8+8) - (88/((8+8)/8)) \\
&:= 999 + (((9 \times 9 \times 9 \times 9) + 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1365 &:= 1+11 \times (1+1+1+11^{1+1}) \\
&:= 2/2 + (22 \times (2^{2+2+2} - 2)) \\
&:= 3/3 + (((33/3)^3) + 33) \\
&:= (((4+4)^4) - 4/4)/(4-4/4) \\
&:= 5 \times 5 \times 55 - 5 - 5 \\
&:= (6/6+6+6) \times (666/6-6) \\
&:= (7 \times (7+7) \times (7+7)) - 7 \\
&:= (8-8/8+8) \times ((88/8-8) + 88) \\
&:= 9 \times (9 \times (9+9) - 9) - (99+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1366 &:= 11 + (1 + 11) \times (1 + 1 + 111) - 1 \\
&:= 2 + (22 \times (2^{2+2+2} - 2)) \\
&:= 3 + (((33/3)^3) - 3/3) + 33 \\
&:= 4^4 + (4444 - 4)/4 \\
&:= 5/5 + (5 \times 5 \times 55 - (5 + 5)) \\
&:= 6 + (((6 + 6)/6)^6 + 6 \times 6 \times 6 \times 6) \\
&:= 7/7 + ((7 \times (7 + 7) \times (7 + 7)) - 7) \\
&:= 88 + ((8 + 8) \times (88 - 8) - ((8 + 8)/8)) \\
&:= 9 \times (9 \times (9 + 9) - 9) - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1367 &:= 11 + (1 + 11) \times (1 + 1 + 111) \\
&:= (((2 + 2 + 2)^2 + 2/2)^2) - 2 \\
&:= 3 + (((33/3)^3) + 33) \\
&:= 4^4 + 4444/4 \\
&:= (5 + 5)/5 + (5 \times 5 \times 55 - (5 + 5)) \\
&:= (6 \times (6 \times 6 \times 6 + 6 + 6)) - 6/6 \\
&:= ((7 + 7)/7) + ((7 \times (7 + 7) \times (7 + 7)) - 7) \\
&:= 88 + ((8 + 8) \times (88 - 8) - 8/8) \\
&:= 9 \times (9 \times (9 + 9) - 9) - 9/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1368 &:= (1 + 11) \times (1 + 1 + 1 + 111) \\
&:= (2 \times 22^2) + (22 - 2)^2 \\
&:= (3 + 3) \times (((3 + 3)^3 + 3 \times 3) + 3) \\
&:= 4 + (44 \times (4 \times (4 + 4) - 4/4)) \\
&:= 5 \times 5 \times 55 - ((5 + 5)/5 + 5) \\
&:= 6 \times (6 \times 6 \times 6 + 6 + 6) \\
&:= (77/7 + 7) \times (77 - 7/7) \\
&:= 88 + (8 + 8) \times (88 - 8) \\
&:= 9 \times (9 \times (9 + 9) - 9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1369 &:= (111/(1 + 1 + 1))^{1+1} \\
&:= ((2 + 2 + 2)^2 + 2/2)^2 \\
&:= (3/3 + 33 + 3)^{3-3/3} \\
&:= 4 + (((4 + 4)^4) - 4/4)/(4 - 4/4) \\
&:= 5 \times 5 \times 55 - (5/5 + 5) \\
&:= (6 \times 6 + 6/6)^{(6+6)/6} \\
&:= (7 \times (7 + 7) \times (7 + 7)) - (7 + 7 + 7)/7 \\
&:= 8/8 + ((8 + 8) \times (88 - 8) + 88) \\
&:= 9/9 + (9 \times (9 \times (9 + 9) - 9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1370 &:= 1 + (111/(1 + 1 + 1))^{1+1} \\
&:= 2 + ((2 \times 22^2) + (22 - 2)^2) \\
&:= 3 + (((33/3)^3) + 33) + 3 \\
&:= 4 + ((4444 - 4)/4 + 4^4) \\
&:= 5 \times 5 \times 55 - 5 \\
&:= 6/6 + ((6 \times 6 + 6/6)^{(6+6)/6}) \\
&:= (7 \times (7 + 7) \times (7 + 7)) - (7 + 7)/7 \\
&:= 88 + ((8 + 8) \times (88 - 8) + ((8 + 8)/8)) \\
&:= (9 + 9)/9 + (9 \times (9 \times (9 + 9) - 9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1371 &:= 1 + 1 + (111/(1 + 1 + 1))^{1+1} \\
&:= 2 + (((2 + 2 + 2)^2 + 2/2)^2) \\
&:= 3 + ((3 \times ((3 + 3)^3 - 3)) + 3^{3+3}) \\
&:= 4 + (4444/4 + 4^4) \\
&:= 5/5 + (5 \times 5 \times 55 - 5) \\
&:= 666/6 + (6 \times (6 \times 6 \times 6 - 6)) \\
&:= (7 \times (7 + 7) \times (7 + 7)) - 7/7 \\
&:= 88/8 + (88 - 8) \times (8/8 + 8 + 8) \\
&:= 9 \times 9 \times (9 + 9) + (((99 + 9)/9) - 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1372 &:= (1 + 1 + 1 + 11)^{1+1+1}/(1 + 1) \\
&:= 22^2 + (2 \times 2 \times 222) \\
&:= (3/3 + 3) \times (((3/3 + 3) + 3)^3) \\
&:= ((4 + 4) \times (4 \times 44 - 4)) - 4 \\
&:= (5 + 5)/5 + (5 \times 5 \times 55 - 5) \\
&:= 6 + (((6 + 6)/6)^6 + 6 \times 6 \times 6 \times 6) + 6 \\
&:= 7 \times (7 + 7) \times (7 + 7) \\
&:= 888 + 88 \times 88/(8 + 8) \\
&:= 99 + (9999/9 + 9 \times (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1373 &:= 1 + (1 + 1 + 1 + 11)^{1+1+1}/(1 + 1) \\
&:= 2 + (((2 + 2 + 2)^2 + 2/2)^2 + 2) \\
&:= 3 \times 3 + (((33/3)^3) + 33) \\
&:= 4/4 + (((4 + 4) \times (4 \times 44 - 4)) - 4) \\
&:= 5 \times 5 \times 55 - (5 + 5)/5 \\
&:= 6 + ((6 \times (6 \times 6 \times 6 + 6 + 6)) - 6/6) \\
&:= 7/7 + (7 \times (7 + 7) \times (7 + 7)) \\
&:= 8 \times 8 + (88/8 \times (888/8 + 8)) \\
&:= ((9 - 9 \times 9)/(9 + 9)) + 9 \times (9 \times (9 + 9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1374 &:= 11 \times (1 + 1 + 1 + 1 + 11^{1+1}) - 1 \\
&:= 22 + (2 \times ((22 + 2 + 2)^2)) \\
&:= 3^{3+3} + (3 \times (3 + 3)^3 - 3) \\
&:= ((4 + 4) \times (4 \times 44 - 4)) - (4 + 4)/4 \\
&:= 5 \times 5 \times 55 - 5/5 \\
&:= 6 + (6 \times (6 \times 6 \times 6 + 6 + 6)) \\
&:= ((7 + 7)/7) + (7 \times (7 + 7) \times (7 + 7)) \\
&:= ((8 + 8)/8) \times (8 \times 88 - (8/8 + 8 + 8)) \\
&:= 9 \times (9 \times (9 + 9) - 9) - (9 + 9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1375 &:= 11 \times (1 + 1 + 1 + 1 + 11^{1+1}) \\
&:= (2 \times 22) + (22/2)^{2/2+2} \\
&:= 33/3 \times ((3 - 3/3 + 3)^3) \\
&:= 44 + ((44/4)^{4-4/4}) \\
&:= 5 \times 5 \times 55 \\
&:= 6 + ((6 \times 6 + 6/6)^{(6+6)/6}) \\
&:= 7 + ((77/7 + 7) \times (77 - 7/7)) \\
&:= ((8 + 8) \times (88 - ((8 + 8)/8))) - 8/8 \\
&:= 9 \times (9 \times (9 + 9) - 9) - (9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1376 &:= 1 + (11 \times (1 + 1 + 1 + 1 + 11^{1+1})) \\
&:= 2^{2+2} \times (2 \times 2 \times 22 - 2) \\
&:= 3 + (((33/3)^3) + 33) + 3 \times 3 \\
&:= (4 + 4) \times (4 \times 44 - 4) \\
&:= 5/5 + 5 \times 5 \times 55 \\
&:= 6 + (((6 \times 6 + 6/6)^{(6+6)/6}) + 6/6) \\
&:= 77/7 + ((7 \times (7 + 7) \times (7 + 7)) - 7) \\
&:= (8 + 8) \times (88 - ((8 + 8)/8)) \\
&:= 9 \times (9 \times (9 + 9) - 9) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1377 &:= 1 + 1 + 11 \times (1 + 1 + 1 + 1 + 11^{1+1}) \\
&:= 2 + ((22/2)^{2/2+2} + 2 \times 22) \\
&:= 3^3 \times ((3^3 - 3) + 3^3) \\
&:= 4/4 + ((4 + 4) \times (4 \times 44 - 4)) \\
&:= (5 + 5)/5 + 5 \times 5 \times 55 \\
&:= 6 + ((6 \times (6 \times 6 \times 6 - 6)) + 666/6) \\
&:= 7 + ((7 \times (7 + 7) \times (7 + 7)) - ((7 + 7)/7)) \\
&:= 8/8 + ((8 + 8) \times (88 - ((8 + 8)/8))) \\
&:= 9 \times (9 \times (9 + 9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1378 &:= 11 + 11 + (1 + 11) \times (1 + 1 + 111) \\
&:= (2 \times (22 - 2))^2 - 222 \\
&:= 3 + (33/3 \times ((3 - 3/3 + 3)^3)) \\
&:= 4^4 + (4444 + 44)/4 \\
&:= 5 + (5 \times 5 \times 55 - ((5 + 5)/5)) \\
&:= ((66 - 6)/6) + (6 \times (6 \times 6 \times 6 + 6 + 6)) \\
&:= 7 + ((7 \times (7 + 7) \times (7 + 7)) - 7/7) \\
&:= (8 + 8)/8 + ((8 + 8) \times (88 - ((8 + 8)/8))) \\
&:= 9/9 + 9 \times (9 \times (9 + 9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1379 &:= 11 + (1 + 11) \times (1 + 1 + 1 + 111) \\
&:= 2/2 + (2 \times (22 - 2))^2 - 222 \\
&:= 3 \times 3^3 + (((33/3)^3) - 33) \\
&:= 4 + (((44/4)^{4-4/4}) + 44) \\
&:= 5 + (5 \times 5 \times 55 - 5/5) \\
&:= 66/6 + (6 \times (6 \times 6 \times 6 + 6 + 6)) \\
&:= 7 + (7 \times (7 + 7) \times (7 + 7)) \\
&:= 88 + ((8 + 8) \times (88 - 8) + (88/8)) \\
&:= (9 + 9)/9 + 9 \times (9 \times (9 + 9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1380 &:= 11 + ((111/(1 + 1 + 1))^{1+1}) \\
&:= 2 + (2 \times (22 - 2))^2 - 222 \\
&:= 3 + (3 \times (3 + 3)^3 + 3^{3+3}) \\
&:= 4 + ((4 + 4) \times (4 \times 44 - 4)) \\
&:= 5 + 5 \times 5 \times 55 \\
&:= 6 + ((6 \times (6 \times 6 \times 6 + 6 + 6)) + 6) \\
&:= 7 + ((7 \times (7 + 7) \times (7 + 7)) + 7/7) \\
&:= 8 + (88 \times 88/(8 + 8) + 888) \\
&:= ((9 + 9 + 9)/9) + 9 \times (9 \times (9 + 9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1381 &:= 1 + 11 + ((111/(1+1+1))^{1+1}) \\
&:= 2 + (2 \times (22 - 2))^2 - 222 + 2/2 \\
&:= 3 + ((33/3 \times ((3 - 3/3 + 3)^3)) + 3) \\
&:= 4 + (((4+4) \times (4 \times 44 - 4)) + 4/4) \\
&:= 5 + (5 \times 5 \times 55 + 5/5) \\
&:= 6 + (((6 \times 6 + 6/6)^{6+6}/6) + 6) \\
&:= 7 + ((7 \times (7+7) \times (7+7)) + ((7+7)/7)) \\
&:= 88 \times (8+8) - (88/8 + 8+8) \\
&:= 9 \times (9 \times (9+9) - 9) + ((9 \times 9 - 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1382 &:= 1 + 1 + 11 + ((111/(1+1+1))^{1+1}) \\
&:= 2 + (2 \times (22 - 2))^2 - 222 + 2 \\
&:= 3^3 + (((33/3)^3) - 3) + 3^3 \\
&:= (44 \times (4^4 - 4)/(4+4)) - 4 \\
&:= 5 + (5 \times 5 \times 55 + ((5+5)/5)) \\
&:= (((6+6)/6)^{66/6}) - 666 \\
&:= ((77-7)/7) + (7 \times (7+7) \times (7+7)) \\
&:= (8-88)/8 + ((8+8) \times (88-8/8)) \\
&:= 9 \times (9 \times (9+9) - 9) + ((9 \times 9 + 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1383 &:= 11 + ((1+1+1+11)^{1+1+1}/(1+1)) \\
&:= (2/2+2) \times (22^2 - 22 - 2/2) \\
&:= (33 \times (3 \times 3 + 33)) - 3 \\
&:= 4 \times 4 + (4444/4 + 4^4) \\
&:= 5 + ((5 \times 5 \times 55 - ((5+5)/5)) + 5) \\
&:= ((66 \times (6 \times 6 + 6)) - 6)/(6+6)/6 \\
&:= 77/7 + (7 \times (7+7) \times (7+7)) \\
&:= 88 \times (8+8) - (8/8 + 8+8+8) \\
&:= 9 + (9 \times (9 \times (9+9) - 9) - ((9+9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1384 &:= 1 + 11 + (1+1+1+11)^{1+1+1}/(1+1) \\
&:= 2 \times (((22+2+2)^2) + 2^{2+2}) \\
&:= 3/3 + ((33 \times (3 \times 3 + 33)) - 3) \\
&:= 4 + (((4+4) \times (4 \times 44 - 4)) + 4) \\
&:= 5 + ((5 \times 5 \times 55 - 5/5) + 5) \\
&:= ((66 \times ((66-6) + 66)) - (6+6))/6 \\
&:= (77+7)/7 + (7 \times (7+7) \times (7+7)) \\
&:= 88 \times (8+8) - 8 - 8 - 8 \\
&:= 9 + (9 \times (9 \times (9+9) - 9) - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1385 &:= 11^{1+1+1} + ((111-1)/(1+1) - 1) \\
&:= 2^{2+2} + (((2+2+2)^2 + 2/2)^2) \\
&:= 3^3 + (((33/3)^3) + 3^3) \\
&:= (44 \times (4^4 - 4)/(4+4)) - 4/4 \\
&:= 5 + (5 \times 5 \times 55 + 5) \\
&:= ((66 \times ((66-6) + 66)) - 6)/6 \\
&:= (77 \times (77/7 + 7)) - 7/7 \\
&:= 8/8 + (88 \times (8+8) - (8+8+8)) \\
&:= 9 + (9 \times (9 \times (9+9) - 9) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1386 &:= 11 \times (1+1+1+1+1+11^{1+1}) \\
&:= 22 \times (2^{2+2+2} - 2/2) \\
&:= 33 \times (3 \times 3 + 33) \\
&:= 44 \times (4^4 - 4)/(4+4) \\
&:= 55/5 + 5 \times 5 \times 55 \\
&:= 6 \times ((66 \times (6 \times 6 + 6))/(6+6)) \\
&:= 77 \times (77/7 + 7) \\
&:= ((8+8)/8) \times (8 \times 88 - (88/8)) \\
&:= 9 + 9 \times (9 \times (9+9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1387 &:= 11^{1+1+1} + (1+111)/(1+1) \\
&:= 2/2 + (22 \times (2^{2+2+2} - 2/2)) \\
&:= 3/3 + (33 \times (3 \times 3 + 33)) \\
&:= 4/4 + (44 \times (4^4 - 4)/(4+4)) \\
&:= 5 \times 5 \times 55 + (55+5)/5 \\
&:= ((66 \times ((66-6) + 66)) + 6)/6 \\
&:= 7/7 + (77 \times (77/7 + 7)) \\
&:= (88/8 + 8) \times ((8/8 + 8 \times 8) + 8) \\
&:= 9 + (9 \times (9 \times (9+9) - 9) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1388 &:= 1 + 11^{1+1+1} + (1+111)/(1+1) \\
&:= 2 + (22 \times (2^{2+2+2} - 2/2)) \\
&:= 3 + (((33/3)^3) + 3^3) + 3^3 \\
&:= (4 \times ((4+4) \times 44 - 4)) - 4 \\
&:= 5 \times 5 \times 55 + (55+5+5)/5 \\
&:= 6 + (((6+6)/6)^{66/6}) - 666 \\
&:= ((7+7)/7) + (77 \times (77/7 + 7)) \\
&:= 88 \times (8+8) - ((88+8)/8+8) \\
&:= 99/9 + 9 \times (9 \times (9+9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1389 &:= (1+11111)/(1+1)^{1+1+1} \\
&:= 22 + (((2+2+2)^2 + 2/2)^2) - 2 \\
&:= 3 + (33 \times (3 \times 3 + 33)) \\
&:= 4/4 + ((4 \times ((4+4) \times 44 - 4)) - 4) \\
&:= 5 \times (5 \times 55 + 5) - 55/5 \\
&:= 666 + (((6 \times 6/(6+6))^6) - 6) \\
&:= 7 + ((7 \times (7+7) \times (7+7)) + ((77-7)/7)) \\
&:= 88 \times (8+8) - (88/8+8) \\
&:= ((99+9)/9) + 9 \times (9 \times (9+9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1390 &:= 11 \times 111 + (1+1+11)^{1+1} \\
&:= (2 \times (222 + 22^2)) - 22 \\
&:= 3 + ((33 \times (3 \times 3 + 33)) + 3/3) \\
&:= 4 + (44 \times (4^4 - 4)/(4+4)) \\
&:= 5 + ((5 \times 5 \times 55 + 5) + 5) \\
&:= 666 + ((66 \times 66 - 6 - 6)/6) \\
&:= 7 + ((7 \times (7+7) \times (7+7)) + (77/7)) \\
&:= ((8+8)/8) \times (8 \times 88 - (8/8+8)) \\
&:= 9 \times 99 + (((9 \times 999) - 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1391 &:= (1+1+11) \times (111-1-1-1-1) \\
&:= 22 + (((2+2+2)^2 + 2/2)^2) \\
&:= 3^3 + (((33/3)^3) + 33) \\
&:= (4 \times ((4+4) \times 44 - 4)) - 4/4 \\
&:= 5 + (5 \times 5 \times 55 + (55/5)) \\
&:= 666 + ((66 \times 66 - 6)/6) \\
&:= 7 + ((7 \times (7+7) \times (7+7)) + (77+7)/7) \\
&:= 88 \times (8+8) - (8/8 + 8+8) \\
&:= 9 \times 99 + (((9 \times 999) + 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1392 &:= (1+11) \times (1+1+1+1+1+111) \\
&:= 2 \times (((22+2+2)^2) - 2) + 22 \\
&:= 3 + ((33 \times (3 \times 3 + 33)) + 3) \\
&:= 4 \times ((4+4) \times 44 - 4) \\
&:= 5 + (5 \times 5 \times 55 + ((55+5)/5)) \\
&:= 66 + ((6 \times (6 \times 6 + 6)) - 6) \\
&:= 7 + ((77 \times (77/7 + 7)) - 7/7) \\
&:= (8+8) \times (88 - 8/8) \\
&:= 9 \times 99 + (((9+9)/9)^9) - (99/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1393 &:= 1 + ((1+11) \times (1+1+1+1+1+111)) \\
&:= 2 + (((2+2+2)^2 + 2/2)^2) + 22 \\
&:= (((3+3) \times (3^{3+3} - 33)) + 3)/3 \\
&:= 4/4 + (4 \times ((4+4) \times 44 - 4)) \\
&:= 5 \times (5 \times 55 + 5) - ((5+5)/5 + 5) \\
&:= 666 + ((66 \times 66 + 6)/6) \\
&:= 7 + (77 \times (77/7 + 7)) \\
&:= 8/8 + ((8+8) \times (88 - 8/8)) \\
&:= 9 + ((9 \times (9 \times (9+9) - 9) - ((9+9)/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1394 &:= (1+1+(1+111)^{1+1})/(11-1-1) \\
&:= 2 \times ((22/2)^2 + ((22+2)^2)) \\
&:= 3 + (((33/3)^3) + 33) + 3^3 \\
&:= 4 + ((44 \times (4^4 - 4)/(4+4)) + 4) \\
&:= 5 \times (5 \times 55 + 5) - (5/5 + 5) \\
&:= 666 + (((6 \times 6/(6+6))^6) - 6/6) \\
&:= 7 + ((77 \times (77/7 + 7)) + 7/7) \\
&:= (8+8)/8 + ((8+8) \times (88 - 8/8)) \\
&:= 9 \times 99 + (((9+9)/9)^9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1395 &:= (11-1-1) \times (11+(1+11)^{1+1}) \\
&:= 2^{2+2+2} + (22/2)^{2/2+2} \\
&:= (3 \times 3 + 3)^3 - 333 \\
&:= 4 + ((4 \times ((4+4) \times 44 - 4)) - 4/4) \\
&:= 5 \times (5 \times 55 + 5) - 5 \\
&:= 666 + ((6 \times 6/(6+6))^6) \\
&:= 7 + ((77 \times (77/7 + 7)) + ((7+7)/7)) \\
&:= 8 \times 8 + ((88/8)^{88-8}) \\
&:= 9 + (9 \times (9 \times (9+9) - 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1396 &:= 1 + ((11 - 1 - 1) \times (11 + (1 + 11)^{1+1})) \\
&:= 2 \times (((22 + 2 + 2)^2) + 22) \\
&:= 3/3 + ((3 \times 3 + 3)^3 - 333) \\
&:= 4 + (4 \times ((4 + 4) \times 44 - 4)) \\
&:= 5/5 + (5 \times (5 \times 55 + 5) - 5) \\
&:= ((6 + 6)/6)^6 + (6 \times (6 \times 6 \times 6 + 6)) \\
&:= ((77 - 7)/7) + (77 \times (77/7 + 7)) \\
&:= 88 \times (8 + 8) - (88 + 8)/8 \\
&:= 9 + ((9 \times (9 \times (9 + 9) - 9) + 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1397 &:= 11 \times (111 + (1 + 1)^{1+1+1+1}) \\
&:= 22/2 \times ((2^{2 \times (2+2)} - 2)/2) \\
&:= 33 + (((33/3)^3) + 33) \\
&:= 4 \times (4 + 4) \times 44 - 44/4 \\
&:= (5 + 5)/5 + (5 \times (5 \times 55 + 5) - 5) \\
&:= 66 + ((66/6)^{6 \times 6 / (6+6)}) \\
&:= 77/7 + (77 \times (77/7 + 7)) \\
&:= 88 \times (8 + 8) - 88/8 \\
&:= 9 + (9 \times (9 \times (9 + 9) - 9) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1398 &:= 1 + (11 \times (111 + (1 + 1)^{1+1+1+1})) \\
&:= 2 + (2 \times (((22 + 2 + 2)^2) + 22)) \\
&:= 3 + ((3 \times 3 + 3)^3 - 333) \\
&:= (4 - 44)/4 + 4 \times (4 + 4) \times 44 \\
&:= 5 \times (5 \times 55 + 5) - (5 + 5)/5 \\
&:= 66 + (6 \times (6 \times 6 \times 6 + 6)) \\
&:= ((7 + 7)/7) \times (777 - (7/7 + 77)) \\
&:= (8 - 88)/8 + 88 \times (8 + 8) \\
&:= 9 + (9 \times (9 \times (9 + 9) - 9) + ((99 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1399 &:= 1111 + ((1 + 1) \times (1 + 11)^{1+1}) \\
&:= (2222 + ((22 + 2)^2))/2 \\
&:= 3 + (((3 \times 3 + 3)^3 - 333) + 3/3) \\
&:= 4 \times (4 + 4) \times 44 - ((4/4 + 4) + 4) \\
&:= 5 \times (5 \times 55 + 5) - 5/5 \\
&:= 66 + ((6 \times (6 \times 6 \times 6 + 6)) + 6/6) \\
&:= (((7 + 7) \times (777 - 77)) - 7)/7 \\
&:= 88 \times (8 + 8) - (8/8 + 8) \\
&:= 999 + ((99/9 + 9)^{(9+9)/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1400 &:= (1 + (1 + 1 + 11)) \times (11 - 1)^{1+1} \\
&:= 2 \times (2 \times ((22 \times 2^{2+2}) - 2)) \\
&:= 3 + (((33/3)^3) + 33) + 3/3 \\
&:= (4 + 4) \times (4 \times 44 - 4/4) \\
&:= 5 \times (5 \times 55 + 5) \\
&:= 66 + ((6 \times (6 \times 6 \times 6 + 6)) + ((6 + 6)/6)) \\
&:= 7 + ((77 \times (77/7 + 7)) + 7) \\
&:= 88 \times (8 + 8) - 8 \\
&:= (99/9 + 9) \times (9 \times 9 - 99/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1401 &:= 11^{1+1+1} + (11 - 1 - 1)^{1+1} - 11 \\
&:= 2 + ((2222 + ((22 + 2)^2))/2) \\
&:= (3 \times ((3 + 3) \times (3 \times 3^3 - 3))) - 3 \\
&:= 4 + (4 \times (4 + 4) \times 44 - 44/4) \\
&:= 5/5 + 5 \times (5 \times 55 + 5) \\
&:= 6 + (((6 \times 6 / (6 + 6))^6) + 666) \\
&:= (77/7 \times ((7 + 7)/7)^7) - 7 \\
&:= 8/8 + (88 \times (8 + 8) - 8) \\
&:= 9 \times 9 + 99/9 \times (999/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1402 &:= (1 + 1 + 11) \times (111 - 1 - 1 - 1) - 1 - 1 \\
&:= 2 + (2 \times (2 \times ((22 \times 2^{2+2}) - 2))) \\
&:= (((33/3)^3) + (((3 + 3)^3 - 3)/3)) \\
&:= 4 \times 4 + (44 \times (4^4 - 4)/(4 + 4)) \\
&:= (5 + 5)/5 + 5 \times (5 \times 55 + 5) \\
&:= 6 + ((6 \times (6 \times 6 \times 6 + 6)) + ((6 + 6)/6)^6) \\
&:= (((77 \times ((7 + 7)/7)^7) + 7)/7) - 7 \\
&:= (8 + 8)/8 + (88 \times (8 + 8) - 8) \\
&:= 9 \times 99 + (((9 + 9)/9)^9) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1403 &:= (1 + 1 + 11) \times (111 - 1 - 1 - 1) - 1 \\
&:= 22 \times 2^{2+2+2} - (2/2 + 2 + 2) \\
&:= (3 \times (3^3 - 3)) + ((33/3)^3) \\
&:= 4 \times (4 + 4) \times 44 - (4/4 + 4) \\
&:= 5 + (5 \times (5 \times 55 + 5) - ((5 + 5)/5)) \\
&:= (6 \times ((6 \times 6 \times 6 + 6 + 6) + 6)) - 6/6 \\
&:= (((7 + 7 + 7)/7)^7) - (777 + 7) \\
&:= 88/8 + ((8 + 8) \times (88 - 8/8)) \\
&:= 9 \times 99 + (((9 + 9)/9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1404 &:= (1 + 1 + 11) \times (111 - 1 - 1 - 1) \\
&:= 2 \times (2 \times (22 \times 2^{2+2})) - 2 \\
&:= 3 \times ((3 + 3) \times (3 \times 3^3 - 3)) \\
&:= 4 \times (4 + 4) \times 44 - 4 \\
&:= 5 + (5 \times (5 \times 55 + 5) - 5/5) \\
&:= 6 \times ((6 \times 6 \times 6 + 6 + 6) + 6) \\
&:= (77/7 + 7) \times (7/7 + 77) \\
&:= 88 \times (8 + 8) - (8/((8 + 8)/8)) \\
&:= 9 + ((9 \times (9 \times (9 + 9) - 9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1405 &:= 1 + ((1 + 1 + 11) \times (111 - 1 - 1 - 1)) \\
&:= 22 \times 2^{2+2+2} - 2/2 - 2 \\
&:= 3/3 + (3 \times ((3 + 3) \times (3 \times 3^3 - 3))) \\
&:= 4/4 + (4 \times (4 + 4) \times 44 - 4) \\
&:= 5 + 5 \times (5 \times 55 + 5) \\
&:= 6 \times 6 + ((6 \times 6 + 6/6)^{(6+6)/6}) \\
&:= 7 \times (7 \times 7 - 7) + 7777/7 \\
&:= 8 + (88 \times (8 + 8) - (88/8)) \\
&:= 9 + (((9 \times (9 \times (9 + 9) - 9) + 9/9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1406 &:= ((1 + 1 + 11) \times (111 - 1 - 1)) - 11 \\
&:= 22 \times 2^{2+2+2} - 2 \\
&:= 3 + ((3 \times (3^3 - 3)) + ((33/3)^3)) \\
&:= 4 \times (4 + 4) \times 44 - (4 + 4)/4 \\
&:= 5 + (5 \times (5 \times 55 + 5) + 5/5) \\
&:= 6 \times 6 \times 6 + 6 + (666 - 6)/6 \\
&:= ((77 \times ((7 + 7)/7)^7) - (7 + 7))/7 \\
&:= 88 \times (8 + 8) - (8 + 8)/8 \\
&:= 9 + ((9 \times (9 \times (9 + 9) - 9) + (99/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1407 &:= 111 + ((1 + 1 + 1) \times (1 + 11))^{1+1} \\
&:= 22 \times 2^{2+2+2} - 2/2 \\
&:= 3 + (3 \times ((3 + 3) \times (3 \times 3^3 - 3))) \\
&:= 4 \times (4 + 4) \times 44 - 4/4 \\
&:= 5 \times 5 \times 55 + ((5 + 5)/5)^5 \\
&:= 666/6 + 6 \times 6 \times 6 \times 6 \\
&:= (7 \times ((7 + 7) \times (7 + 7) + 7)) - (7 + 7) \\
&:= 88 \times (8 + 8) - 8/8 \\
&:= 999/9 + ((9 + 9) \times (9 \times 9 - 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1408 &:= 11 \times ((1 + 1)^{1+(1+1) \times (1+1+1)}) \\
&:= 22 \times 2^{2+2+2} \\
&:= 33/3 \times (((3 - 3/3 + 3)^3) + 3) \\
&:= 4 \times (4 + 4) \times 44 \\
&:= ((5 + 5)/5)^5 \times (55 - (55/5)) \\
&:= 66/6 \times (((6 + 6)/6)^{6/6+6}) \\
&:= 77/7 \times ((7 + 7)/7)^7 \\
&:= 88 \times (8 + 8) \\
&:= 99/9 \times (((99/9 + 99) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1409 &:= 1 + 11 \times ((1 + 1)^{1+(1+1) \times (1+1+1)}) \\
&:= 2/2 + 22 \times 2^{2+2+2} \\
&:= 3 \times 3^3 + (((33/3)^3) - 3) \\
&:= 4/4 + 4 \times (4 + 4) \times 44 \\
&:= 5 + ((5 \times (5 \times 55 + 5) - 5/5) + 5) \\
&:= 6 + ((6 \times ((6 \times 6 \times 6 + 6 + 6) + 6)) - 6/6) \\
&:= ((77 \times ((7 + 7)/7)^7) + 7)/7 \\
&:= 8/8 + 88 \times (8 + 8) \\
&:= 9 + ((99/9 + 9) \times (9 \times 9 - (99/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1410 &:= (11 - 1) \times ((1 + 11)^{1+1} - 1 - 1 - 1) \\
&:= 2 + 22 \times 2^{2+2+2} \\
&:= 3 + ((3 \times ((3 + 3) \times (3 \times 3^3 - 3))) + 3) \\
&:= (4 + 4)/4 + 4 \times (4 + 4) \times 44 \\
&:= 5 + (5 \times (5 \times 55 + 5) + 5) \\
&:= 6 + (6 \times ((6 \times 6 \times 6 + 6 + 6) + 6)) \\
&:= (((7 + 7 + 7)/7)^7) - 777 \\
&:= (8 + 8)/8 + 88 \times (8 + 8) \\
&:= ((99/9) \times ((999/9 + 9) + 9)) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1411 &:= 1 + (11 - 1) \times ((1 + 11)^{1+1} - 1 - 1 - 1) \\
&:= 2 + (22 \times 2^{2+2+2} + 2/2) \\
&:= 3 \times 3^3 + (((33/3)^3) - 3/3) \\
&:= 4 + (4 \times (4 + 4) \times 44 - 4/4) \\
&:= 55/5 + 5 \times (5 \times 55 + 5) \\
&:= 6 + ((6 \times ((6 \times 6 \times 6 + 6 + 6) + 6)) + 6/6) \\
&:= 7 + ((77/7 + 7) \times (7/7 + 77)) \\
&:= 88/8 + (88 \times (8 + 8) - 8) \\
&:= ((9 - 9/9) + 9) \times (((9 + 9)/9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1412 &:= 11^{1+1+1} + (11 - 1 - 1)^{1+1} \\
&:= 2 \times (222 + 22^2) \\
&:= 3 \times 3^3 + ((33/3)^3) \\
&:= 4 + 4 \times (4 + 4) \times 44 \\
&:= 5 + (5 \times 5 \times 55 + ((5 + 5)/5)^5) \\
&:= 6 + (((666 - 6)/6) + 6 \times 6 \times 6 \times 6) \\
&:= 7 + (7777/7 + 7 \times (7 \times 7 - 7)) \\
&:= 88 \times (8 + 8) + (8/((8 + 8)/8)) \\
&:= 9 + (((9 + 9)/9)^9) + 9 \times 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1413 &:= 1 + (11^{1+1+1} + (11 - 1 - 1)^{1+1}) \\
&:= 2/2 + (2 \times (222 + 22^2)) \\
&:= 3 \times (((3 + 3) \times (3 \times 3^3 - 3)) + 3) \\
&:= 4 + (4 \times (4 + 4) \times 44 + 4/4) \\
&:= 5 + (((5 + 5)/5)^5 \times (55 - (55/5))) \\
&:= 6 + (666/6 + 6 \times 6 \times 6 \times 6) \\
&:= (7 \times ((7 + 7) \times (7 + 7) + 7)) - (7/7 + 7) \\
&:= 8 + ((88 \times (8 + 8) - (88/8)) + 8) \\
&:= ((9 + 9) \times (9 \times 9 - ((9 + 9)/9))) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1414 &:= (1 + (1 + 1 + 11)) \times (1 + (11 - 1)^{1+1}) \\
&:= 2 + (2 \times (222 + 22^2)) \\
&:= 3 + (((33/3)^3) - 3/3) + 3 \times 3^3 \\
&:= 4 + (4 \times (4 + 4) \times 44 + (4 + 4)/4) \\
&:= (5 \times ((5 \times 55 + 5) + 5)) - 55/5 \\
&:= 6 + ((666 + 6)/6 + 6 \times 6 \times 6 \times 6) \\
&:= (7 \times ((7 + 7) \times (7 + 7) + 7)) - 7 \\
&:= 8 + (88 \times (8 + 8) - ((8 + 8)/8)) \\
&:= 9/9 + (((9 + 9) \times (9 \times 9 - ((9 + 9)/9))) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1415 &:= ((1 + 1 + 11) \times (111 - 1 - 1)) - 1 - 1 \\
&:= 2 + ((2 \times (222 + 22^2)) + 2/2) \\
&:= 3 + (((33/3)^3) + 3 \times 3^3) \\
&:= 4 + ((4 \times (4 + 4) \times 44 - 4/4) + 4) \\
&:= 5 + ((5 \times (5 \times 55 + 5) + 5) + 5) \\
&:= 66/6 + (6 \times ((6 \times 6 \times 6 + 6 + 6) + 6)) \\
&:= 7 + (77/7 \times ((7 + 7)/7)^7) \\
&:= 8 + (88 \times (8 + 8) - 8/8) \\
&:= 9 + (((9 \times (9 \times (9 + 9) - 9) + (99/9)) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1416 &:= (1 + 11) \times (11^{1+1} - (1 + 1 + 1)) \\
&:= 2 \times ((222 + 22^2) + 2) \\
&:= 3 + ((33 \times (3 \times 3 + 33)) + 3^3) \\
&:= 4 + (4 \times (4 + 4) \times 44 + 4) \\
&:= 5 + (5 \times (5 \times 55 + 5) + (55/5)) \\
&:= (6 + 6) \times ((666 + 6)/6 + 6) \\
&:= 7 + (((77 \times ((7 + 7)/7)^7) + 7)/7) \\
&:= 8 + 88 \times (8 + 8) \\
&:= 9 + (((9 + 9) \times (9 \times 9 - 9)) + 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1417 &:= (1 + 1 + 11) \times (111 - 1 - 1) \\
&:= (22/2)^2 + (2 + 2 + 2)^{2+2} \\
&:= 333 + (3333/3 - 3^3) \\
&:= 4 + ((4 \times (4 + 4) \times 44 + 4/4) + 4) \\
&:= 5 + ((5 \times 5 \times 55 + ((5 + 5)/5)^5) + 5) \\
&:= 6/6 + ((6 + 6) \times ((666 + 6)/6 + 6)) \\
&:= 7 + (((7 + 7 + 7)/7)^7) - 777 \\
&:= 8 + (88 \times (8 + 8) + 8/8) \\
&:= 9 \times 9 \times (9 + 9) - ((9 \times 9 \times 9 + 9)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1418 &:= 1 + ((1 + 1 + 11) \times (111 - 1 - 1)) \\
&:= 2 + (2 \times ((222 + 22^2) + 2)) \\
&:= 3 + (((33/3)^3) + 3 \times 3^3) + 3 \\
&:= (44 - 4)/4 + 4 \times (4 + 4) \times 44 \\
&:= 55 + (5 \times 5 \times 55 - ((55 + 5)/5)) \\
&:= 6 \times 6 \times 6 \times 6 + ((666 + 66)/6) \\
&:= 7 + (((77/7 + 7) \times (7/7 + 77)) + 7) \\
&:= 8 + (88 \times (8 + 8) + ((8 + 8)/8)) \\
&:= ((9 + 9)/9) \times (9 \times 9 \times 9 - (99/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1419 &:= 11 \times (11 \times (1 + 11) - 1 - 1 - 1) \\
&:= 22/2 + 22 \times 2^{2+2+2} \\
&:= 33 + (33 \times (3 \times 3 + 33)) \\
&:= 44/4 + 4 \times (4 + 4) \times 44 \\
&:= 55 + (5 \times 5 \times 55 - (55/5)) \\
&:= 6 + ((666/6 + 6 \times 6 \times 6 \times 6) + 6) \\
&:= 77/7 \times (((7 + 7)/7)^7 + 7/7) \\
&:= 88/8 + 88 \times (8 + 8) \\
&:= 99/9 \times ((999/9 + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1420 &:= (11 - 1) \times ((1 + 11)^{1+1} - (1 + 1)) \\
&:= 2 \times (((222 + 22^2) + 2) + 2) \\
&:= 3/3 + ((33 \times (3 \times 3 + 33)) + 33) \\
&:= (4 \times ((4 + 4) \times 44 + 4)) - 4 \\
&:= (5 \times ((5 \times 55 + 5) + 5)) - 5 \\
&:= 6 \times 66 + (((6 + 6)/6)^{(66-6)/6}) \\
&:= (7 \times ((7 + 7) \times (7 + 7) + 7)) - 7/7 \\
&:= ((88 + 8)/8) + 88 \times (8 + 8) \\
&:= (99/9 + 9) \times (9 \times 9 - (9/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1421 &:= 1 + (11 - 1) \times ((1 + 11)^{1+1} - 1 - 1) \\
&:= 2 + (22 \times 2^{2+2+2} + 22/2) \\
&:= (3 \times (3^3 + 3)) + ((33/3)^3) \\
&:= 4/4 + ((4 \times ((4 + 4) \times 44 + 4)) - 4) \\
&:= 5/5 + ((5 \times ((5 \times 55 + 5) + 5)) - 5) \\
&:= (6/6 + 6) \times (6 \times 6 \times 6 - (6/6 + 6 + 6)) \\
&:= 7 \times ((7 + 7) \times (7 + 7) + 7) \\
&:= 88 \times (8 + 8) + (88 + 8 + 8)/8 \\
&:= 9 + (((9 + 9)/9)^9) + 9 \times 99 + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1422 &:= 1 + 1 + (11 - 1) \times ((1 + 11)^{1+1} - (1 + 1)) \\
&:= ((2 + 2 + 2)^2 + 2)^2 - 22 \\
&:= 333 + 33 \times 33 \\
&:= (4 \times ((4 + 4) \times 44 + 4)) - (4 + 4)/4 \\
&:= (5 + 5)/5 + ((5 \times ((5 \times 55 + 5) + 5)) - 5) \\
&:= 6 + ((6 + 6) \times ((666 + 6)/6 + 6)) \\
&:= 7/7 + (7 \times ((7 + 7) \times (7 + 7) + 7)) \\
&:= 8 + ((88 \times (8 + 8) - ((8 + 8)/8)) + 8) \\
&:= (9 + 9) \times (9 \times 9 - ((9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1423 &:= (1 + 1)^{11} - (1 + (1 + 1) \times (1 + 11))^{1+1} \\
&:= 2/2 + (((2 + 2 + 2)^2 + 2)^2 - 22) \\
&:= 3/3 + (33 \times 33 + 333) \\
&:= (4^4 \times (4 + 4)) - (4/4 + 4)^4 \\
&:= (((5 + 5)/5)^{55/5}) - 5^5/5 \\
&:= 6 + (((6 + 6) \times ((666 + 6)/6 + 6)) + 6/6) \\
&:= ((7 + 7)/7) + (7 \times ((7 + 7) \times (7 + 7) + 7)) \\
&:= 8 + ((88 \times (8 + 8) - 8/8) + 8) \\
&:= 9/9 + ((9 + 9) \times (9 \times 9 - ((9 + 9)/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1424 &:= (1 + 1)^{11-1} + ((1 + 1) \times (11 - 1))^{1+1} \\
&:= 2 + (((2 + 2 + 2)^2 + 2)^2 - 22) \\
&:= 3 + ((3 \times (3^3 + 3)) + ((33/3)^3)) \\
&:= 4 \times ((4 + 4) \times 44 + 4) \\
&:= (5 \times ((5 \times 55 + 5) + 5)) - 5/5 \\
&:= 6 \times 6 \times 6 \times 6 + (((6 + 6)/6)^{6/6+6}) \\
&:= 7 + (((7 + 7 + 7)/7)^7) - 777 + 7 \\
&:= 8 + (88 \times (8 + 8) + 8) \\
&:= (9 + 9)/9 + ((9 + 9) \times (9 \times 9 - ((9 + 9)/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1425 &:= ((1 + 11) \times (11^{1+1} - (1 + 1))) - 1 - 1 - 1 \\
&:= (2/2 + 2) \times ((22^2 - 22/2) + 2) \\
&:= 3 + (33 \times 33 + 333) \\
&:= 4/4 + (4 \times ((4 + 4) \times 44 + 4)) \\
&:= 5 \times ((5 \times 55 + 5) + 5) \\
&:= (6 - 6/6) \times (6 \times 66 - 666/6) \\
&:= 77/7 + ((7 \times ((7 + 7) \times (7 + 7) + 7)) - 7) \\
&:= 8 + ((88 \times (8 + 8) + 8/8) + 8) \\
&:= 9 \times 9 \times (9 + 9) - (99/((9 + 9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1426 &:= ((1+11) \times (11^{1+1} - (1+1))) - 1 - 1 \\
&:= (22 + 2/2) \times (2^{2+2+2} - 2) \\
&:= (((3+3) \times 3^{3+3}) + 3)/3 - 33 \\
&:= (4+4)/4 + (4 \times ((4+4) \times 44 + 4)) \\
&:= 5/5 + (5 \times ((5 \times 55 + 5) + 5)) \\
&:= 66 + (((6+6)/6)^6 + 6 \times 6 \times 6 \times 6) \\
&:= 7 + (77/7 \times (((7+7)/7)^7 + 7/7)) \\
&:= 8 + ((88 \times (8+8) + (8+8)/8) + 8) \\
&:= (9+9) \times (9+9) + (9999/9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1427 &:= ((1+11) \times (11^{1+1} - (1+1))) - 1 \\
&:= ((2/2+2) \times (22^2 - 2/2)) - 22 \\
&:= 3 \times 33 + (((33/3)^3) - 3) \\
&:= 4 + ((4^4 \times (4+4)) - (4/4+4)^4) \\
&:= (5+5)/5 + (5 \times ((5 \times 55 + 5) + 5)) \\
&:= 66 + ((6 \times 6 \times 6 \times 6 - 6/6) + 66) \\
&:= 7 + ((7 \times ((7+7) \times (7+7) + 7)) - 7/7) \\
&:= 8 + (88 \times (8+8) + 88/8) \\
&:= 9 \times 9 \times (9+9) - (((99+99)/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1428 &:= (1+11) \times (11^{1+1} - 1 - 1) \\
&:= 2 \times ((2+2+2) \times ((22/2)^2 - 2)) \\
&:= (33/3+3) \times (3 \times 33+3) \\
&:= 4 + (4 \times ((4+4) \times 44 + 4)) \\
&:= 55 + (5 \times 5 \times 55 - ((5+5)/5)) \\
&:= 66 + (6 \times 6 \times 6 \times 6 + 66) \\
&:= 7 + (7 \times ((7+7) \times (7+7) + 7)) \\
&:= 8 + (((88+8)/8) + 88 \times (8+8)) \\
&:= (9 \times (9 \times (9+9) + 9)) - 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1429 &:= ((1+1+11) \times (111-1)) - 1 \\
&:= 22 + (22 \times 2^{2+2+2} - 2/2) \\
&:= 3 \times 33 + (((33/3)^3) - 3/3) \\
&:= 4 + ((4 \times ((4+4) \times 44 + 4)) + 4/4) \\
&:= 55 + (5 \times 5 \times 55 - 5/5) \\
&:= 66 + ((6 \times 6 \times 6 \times 6 + 66) + 6/6) \\
&:= 7 + ((7 \times ((7+7) \times (7+7) + 7)) + 7/7) \\
&:= 8 + ((88+8+8)/8 + 88 \times (8+8)) \\
&:= 9 \times 9 \times (9+9) - (99/9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1430 &:= (1+1+11) \times (111-1) \\
&:= 22 + 22 \times 2^{2+2+2} \\
&:= 3 \times 33 + ((33/3)^3) \\
&:= 44 + (44 \times (4^4 - 4)/(4+4)) \\
&:= 55 + 5 \times 5 \times 55 \\
&:= 66/6 \times (((6+6)/6)^6 + 66) \\
&:= (7 - 7/7 + 7) \times (777 - 7)/7 \\
&:= ((8+8)/8) \times (88/8 + 8 \times 88) \\
&:= 99 + (99/9)^{(9+9+9)/9}
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1431 &:= 1 + (1+1+11) \times (111-1) \\
&:= 22 + (22 \times 2^{2+2+2} + 2/2) \\
&:= 3 \times (3 \times ((3+3) \times 3^3 - 3)) \\
&:= 4^4 + ((4444 + 4^4)/4) \\
&:= 55 + (5 \times 5 \times 55 + 5/5) \\
&:= 6 \times 6 + (((6 \times 6)/(6+6))^6) + 666 \\
&:= ((77-7)/7) + (7 \times ((7+7) \times (7+7) + 7)) \\
&:= 8 + (((88 \times (8+8) - 8/8) + 8) + 8) \\
&:= 9 \times 9 \times (9+9) - (9+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1432 &:= 111 \times (1+1+11) - 11 \\
&:= 2 + (22 \times 2^{2+2+2} + 22) \\
&:= 3/3 + (3 \times (3 \times ((3+3) \times 3^3 - 3))) \\
&:= 4 + ((4 \times ((4+4) \times 44 + 4)) + 4) \\
&:= 55 + (5 \times 5 \times 55 + ((5+5)/5)) \\
&:= ((6+6)/6)^6 + (6 \times (6 \times 6 \times 6 + 6 + 6)) \\
&:= 77/7 + (7 \times ((7+7) \times (7+7) + 7)) \\
&:= 8 + ((88 \times (8+8) + 8) + 8) \\
&:= 9/9 + (9 \times 9 \times (9+9) - (9+9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1433 &:= 1 + 111 \times (1+1+11) - 11 \\
&:= ((2+2+2)^2 + 2)^2 - 22/2 \\
&:= 3 + (((33/3)^3) + 3 \times 33) \\
&:= 4 + (((4 \times ((4+4) \times 44 + 4)) + 4/4) + 4) \\
&:= 5 + ((5 \times 5 \times 55 - ((5+5)/5)) + 55) \\
&:= 66 + ((6 \times (6 \times 6 \times 6 + 6 + 6)) - 6/6) \\
&:= (77+7)/7 + (7 \times ((7+7) \times (7+7) + 7)) \\
&:= 8 + (((88 \times (8+8) + 8/8) + 8) + 8) \\
&:= (9+9)/9 + (9 \times 9 \times (9+9) - (9+9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1434 &:= 1 + 1 + 111 \times (1+1+11) - 11 \\
&:= 22 + (2 \times (222 + 22^2)) \\
&:= 3 + (3 \times (3 \times ((3+3) \times 3^3 - 3))) \\
&:= 4 + ((44 \times (4^4 - 4)/(4+4)) + 44) \\
&:= 5 + ((5 \times 5 \times 55 - 5/5) + 55) \\
&:= 66 + (6 \times (6 \times 6 \times 6 + 6 + 6)) \\
&:= (7 \times (((7+7)/7)^7 + 7)) - 7/7 \\
&:= 8 + (((88 \times (8+8) + ((8+8)/8)) + 8) + 8) \\
&:= ((9+9)/9) \times (9 \times 9 \times 9 - ((99+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1435 &:= 1 + 1 + 1 + (111 \times (1+1+11) - 11) \\
&:= 2 + (((2+2+2)^2 + 2)^2 - 22/2) \\
&:= 3 + ((3 \times (3 \times ((3+3) \times 3^3 - 3))) + 3/3) \\
&:= 44/4 + (4 \times ((4+4) \times 44 + 4)) \\
&:= 5 + (5 \times 5 \times 55 + 55) \\
&:= 66 + ((6 \times 6 + 6/6)^{(6+6)/6}) \\
&:= 7 \times (((7+7)/7)^7 + 7) \\
&:= 8 + ((88 \times (8+8) + 88/8) + 8) \\
&:= (9+9) \times (9+9) + 9999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1436 &:= (1+1) \times ((11-1-1)^{1+1+1} - 11) \\
&:= 2 \times (2 \times (((22 - (2/2+2))^2) - 2)) \\
&:= 3 + (((33/3)^3) + 3 \times 33) + 3 \\
&:= (4+4) \times (4 \times 44 + 4) - 4 \\
&:= 5 + ((5 \times 5 \times 55 + 5/5) + 55) \\
&:= 6 + ((66/6) \times (((6+6)/6)^6 + 66)) \\
&:= 7/7 + (7 \times (((7+7)/7)^7 + 7)) \\
&:= 8 + (((88+8)/8) + 88 \times (8+8) + 8) \\
&:= ((9+9)/9) \times (9 \times 9 \times 9 - (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1437 &:= ((11-1) \times (1+11)^{1+1}) - 1 - 1 - 1 \\
&:= (2/2+2) \times (22^2 - (2/2+2+2)) \\
&:= 3 \times (((3-3/3)^{3 \times 3}) - 33) \\
&:= 4/4 + ((4+4) \times (4 \times 44 + 4) - 4) \\
&:= 5 + ((5 \times 5 \times 55 + ((5+5)/5)) + 55) \\
&:= ((6/6+6+6) \times 666/6) - 6 \\
&:= ((7 \times 7 - 77/7)^{(7+7)/7}) - 7 \\
&:= 8 \times 8 \times (8+8+8) - (88/8 + 88) \\
&:= 9 \times 9 \times (9+9) - (((99+99)/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1438 &:= ((11-1) \times (1+11)^{1+1}) - 1 - 1 \\
&:= ((2+2+2)^2 + 2)^2 - (2+2+2) \\
&:= 3/3 + (3 \times (((3-3/3)^{3 \times 3}) - 33)) \\
&:= (4+4) \times (4 \times 44 + 4) - (4+4)/4 \\
&:= 5 \times 5 \times 55 + (5^5/5 + 5)/5 + 5 \\
&:= (((6+6)/6) + 6 \times 6)^{(6+6)/6} - 6 \\
&:= 77 + ((7 \times (7+7) \times (7+7)) - (77/7)) \\
&:= 8 + ((88+88)/8 + 88 \times (8+8)) \\
&:= 9 \times 9 \times (9+9) - (99/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1439 &:= ((11-1) \times (1+11)^{1+1}) - 1 \\
&:= ((2+2+2)^2 + 2)^2 - (2/2+2+2) \\
&:= (3 \times (33+3)) + ((33/3)^3) \\
&:= (4+4) \times (4 \times 44 + 4) - 4/4 \\
&:= ((55+5) \times (5 \times 5 - 5/5)) - 5/5 \\
&:= (6 \times (6 \times (6 \times 6 + 6) - (6+6))) - 6/6 \\
&:= 7 + ((7 \times ((7+7) \times (7+7) + 7)) + (77/7)) \\
&:= ((8+8) \times ((8+8)/8 + 88)) - 8/8 \\
&:= 9 \times 9 \times (9+9) - (9/9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1440 &:= (11-1) \times (1+11)^{1+1} \\
&:= 2 \times ((22-2) \times (2+2+2)^2) \\
&:= (3+3) \times (3 \times 3 \times 3^3 - 3) \\
&:= (4+4) \times (4 \times 44 + 4) \\
&:= (55+5) \times (5 \times 5 - 5/5) \\
&:= 6 \times (6 \times (6 \times 6 + 6) - (6+6)) \\
&:= 7 \times 7 \times 7 + (7777/7 - (7+7)) \\
&:= (8+8) \times ((8+8)/8 + 88) \\
&:= (9+9) \times (9 \times 9 - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1441 &:= 11 \times ((11 \times (1 + 11)) - 1) \\
&:= ((2 + 2 + 2)^2 + 2)^2 - 2/2 - 2 \\
&:= 3/3 + ((3 + 3) \times (3 \times 3 \times 3^3 - 3)) \\
&:= 4/4 + (4 + 4) \times (4 \times 44 + 4) \\
&:= 55 + (5 \times 5 \times 55 + (55/5)) \\
&:= 6/6 + (6 \times (6 \times (6 \times 6 + 6) - (6 + 6))) \\
&:= 7 + ((7 \times (((7 + 7)/7)^7 + 77)) - 7/7) \\
&:= 8/8 + ((8 + 8) \times ((8 + 8)/8 + 88)) \\
&:= 9/9 + ((9 + 9) \times (9 \times 9 - 9/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1442 &:= 111 + 11^{1+1+1} \\
&:= ((2 + 2 + 2)^2 + 2)^2 - 2 \\
&:= 333/3 + ((33/3)^3) \\
&:= (4 + 4)/4 + (4 + 4) \times (4 \times 44 + 4) \\
&:= 55 + (5 \times 5 \times 55 + ((55 + 5)/5)) \\
&:= ((666 \times (6/6 + 6 + 6)) - 6)/6 \\
&:= 7 + (7 \times (((7 + 7)/7)^7 + 77)) \\
&:= (8 + 8)/8 + ((8 + 8) \times ((8 + 8)/8 + 88)) \\
&:= (9 + 9)/9 + ((9 + 9) \times (9 \times 9 - 9/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1443 &:= 111 \times (1 + 1 + 11) \\
&:= (22/2 + 2) \times 222/2 \\
&:= 3 + ((3 + 3) \times (3 \times 3 \times 3^3 - 3)) \\
&:= 4 + ((4 + 4) \times (4 \times 44 + 4) - 4/4) \\
&:= 555/5 \times (55 + 5 + 5)/5 \\
&:= (6/6 + 6 + 6) \times 666/6 \\
&:= (7 - 7/7 + 7) \times 777/7 \\
&:= 888/8 \times (88 + 8 + 8)/8 \\
&:= 999/9 \times ((99 + 9 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1444 &:= 1 + 111 \times (1 + 1 + 11) \\
&:= ((2 + 2 + 2)^2 + 2)^2 \\
&:= 333 + 3333/3 \\
&:= 4 + (4 + 4) \times (4 \times 44 + 4) \\
&:= (5 \times (5 \times (55 + 5))) - (55 + 5/5) \\
&:= (((6 + 6)/6) + 6 \times 6)^{(6+6)/6} \\
&:= (7 \times 7 - 77/7)^{(7+7)/7} \\
&:= 888 + ((8888 + 8)/(8 + 8)) \\
&:= ((99/9 + 9 + 9) + 9)^{(9+9)/9}
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1445 &:= 1 + 1 + 111 \times (1 + 1 + 11) \\
&:= 2/2 + ((2 + 2 + 2)^2 + 2)^2 \\
&:= 3 + (333/3 + ((33/3)^3)) \\
&:= 4 + ((4 + 4) \times (4 \times 44 + 4) + 4/4) \\
&:= (5 \times (5 \times (55 + 5))) - 55 \\
&:= 6 \times 6 \times (6 \times 6 + 6) - (66 + 6/6) \\
&:= 7/7 + ((7 \times 7 - 77/7)^{(7+7)/7}) \\
&:= 88 \times (8 + 8) + 888/(8 + 8 + 8) \\
&:= 9 \times 9 \times (9 + 9) - ((99 + 9 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1446 &:= 1 + 1 + 1 + 111 \times (1 + 1 + 11) \\
&:= 2 + ((2 + 2 + 2)^2 + 2)^2 \\
&:= (3 + 3) \times (((3^{3+3} + 3)/3) - 3) \\
&:= 4 + ((4 + 4) \times (4 \times 44 + 4) + (4 + 4)/4) \\
&:= 5/5 + ((5 \times (5 \times (55 + 5))) - 55) \\
&:= 6 \times 6 \times (6 \times 6 + 6) - 66 \\
&:= 7 \times 7 \times 7 + ((7777 - 7)/7 - 7) \\
&:= ((8 + 8)/8) \times ((88/8 + 8 \times 88) + 8) \\
&:= 9 \times 9 \times (9 + 9) - (99 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1447 &:= 1 + 1 + 1 + 1 + 111 \times (1 + 1 + 11) \\
&:= 2 + (((2 + 2 + 2)^2 + 2)^2 + 2/2) \\
&:= (((3 + 3) \times 3^{3+3}) - 33)/3 \\
&:= 4 + (((4 + 4) \times (4 \times 44 + 4) - 4/4) + 4) \\
&:= (5 + 5)/5 + ((5 \times (5 \times (55 + 5))) - 55) \\
&:= 6/6 + (6 \times 6 \times (6 \times 6 + 6) - 66) \\
&:= 7 \times 7 \times 7 + (7777/7 - 7) \\
&:= 8 \times 8 \times (8 + 8 + 8) - (8/8 + 88) \\
&:= 9 \times 9 \times (9 + 9) - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1448 &:= 11 \times (11 \times (1 + 11)) - 1 - 1 - 1 - 1 \\
&:= 2 + (((2 + 2 + 2)^2 + 2)^2 + 2) \\
&:= (3/3 + 3) \times ((33 \times 33 - 3)/3) \\
&:= 4 + ((4 + 4) \times (4 \times 44 + 4) + 4) \\
&:= 5 + (555/5 \times (55 + 5 + 5)/5) \\
&:= 6 \times 6 \times (6 \times 6 + 6) - ((6 + 6)/6)^6 \\
&:= 77 + ((7 \times (7 + 7) \times (7 + 7)) - 7/7) \\
&:= 8 \times 8 \times (8 + 8 + 8) - 88 \\
&:= 9 \times 9 \times (9 + 9) - 9/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1449 &:= (1 + 1 + 1) \times ((11 + 11)^{1+1} - 1) \\
&:= (2/2 + 2) \times (22^2 - 2/2) \\
&:= 3 \times ((3 \times (3 + 3) \times 3^3) - 3) \\
&:= (4 - 4/4) \times ((44 \times 44 - 4)/4) \\
&:= (5^5 - 5)/5 + (55 \times (5 + 5 + 5)) \\
&:= 6 + ((6/6 + 6 + 6) \times 666/6) \\
&:= 77 + (7 \times (7 + 7) \times (7 + 7)) \\
&:= 8/8 + (8 \times 8 \times (8 + 8 + 8) - 88) \\
&:= 9 \times 9 \times (9 + 9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1450 &:= (11 - 1) \times (1 + (1 + 11)^{1+1}) \\
&:= ((2/2 + 2) \times 22^2) - 2 \\
&:= 3 + (((3 + 3) \times 3^{3+3}) - 33)/3 \\
&:= 44 + (4 \times (4 + 4) \times 44 - (4 + 4)/4) \\
&:= 5 \times (((5 \times 55 + 5) + 5) + 5) \\
&:= 6 + (((6 + 6)/6) + 6 \times 6)^{(6+6)/6} \\
&:= 7 + ((7 - 7/7 + 7) \times 777/7) \\
&:= (8 + 8)/8 + (8 \times 8 \times (8 + 8 + 8) - 88) \\
&:= 9/9 + (9 \times 9 \times (9 + 9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1451 &:= 11 \times 11 \times (1 + 11) - 1 \\
&:= ((2/2 + 2) \times 22^2) - 2/2 \\
&:= (((3 + 3) \times (3^{3+3} - 3)) - 3)/3 \\
&:= 44 + (4 \times (4 + 4) \times 44 - 4/4) \\
&:= 5/5 + (5 \times ((5 \times 55 + 5) + 5) + 5) \\
&:= ((66 \times (66 + 66)) - 6)/6 \\
&:= 7 + ((7 \times 7 - 77/7)^{(7+7)/7}) \\
&:= 8 + (888/8 \times (88 + 8 + 8)/8) \\
&:= (9 + 9)/9 + (9 \times 9 \times (9 + 9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1452 &:= 11 \times 11 \times (1 + 11) \\
&:= (2/2 + 2) \times 22^2 \\
&:= 33 \times (33/3 + 33) \\
&:= 44 + 4 \times (4 + 4) \times 44 \\
&:= (5 + 5)/5 + (5 \times ((5 \times 55 + 5) + 5) + 5) \\
&:= 66 \times ((66 + 66)/6) \\
&:= (77 + 7)/7 \times (((7 + 7)/7)^7 - 7) \\
&:= 88 \times (8 + 8) + (88/(8 + 8)/8) \\
&:= 9 \times 9 \times (9 + 9) + (((9 + 9 + 9)/9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1453 &:= 1 + 11 \times 11 \times (1 + 11) \\
&:= 2/2 + ((2/2 + 2) \times 22^2) \\
&:= (((3 + 3) \times (3^{3+3} - 3)) + 3)/3 \\
&:= 44 + (4 \times (4 + 4) \times 44 + 4/4) \\
&:= ((5/5 + 5) \times ((5 - (5 + 5)/5)^5)) - 5 \\
&:= ((66 \times (66 + 66)) + 6)/6 \\
&:= 7 \times 7 \times 7 + (7777 - 7)/7 \\
&:= 8 \times 8 + (88 \times (8 + 8) - (88/8 + 8)) \\
&:= 9 \times 9 \times (9 + 9) + ((9 - 99)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1454 &:= 1 + 1 + 11 \times 11 \times (1 + 11) \\
&:= 2 + ((2/2 + 2) \times 22^2) \\
&:= (((3 + 3) \times 3^{3+3}) - 3)/3 - 3 \\
&:= 44 + (4 \times (4 + 4) \times 44 + (4 + 4)/4) \\
&:= 55 + (5 \times (5 \times 55 + 5) - 5/5) \\
&:= ((6 + 6)/6) \times ((66 \times 66 + 6)/6) \\
&:= 7 \times 7 \times 7 + 7777/7 \\
&:= ((8/8 + 8 + 8) \times (88 - ((8 + 8)/8))) - 8 \\
&:= ((9 + 9)/9) \times (9 \times 9 \times 9 - ((9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1455 &:= 1 + 1 + 1 + 11 \times 11 \times (1 + 11) \\
&:= (2/2 + 2) \times (22^2 + 2/2) \\
&:= 3^{3+3} + (3^{3+3} - 3) \\
&:= 4^4 + (4 \times (44 + 4^4) - 4/4) \\
&:= 55 + 5 \times (5 \times 55 + 5) \\
&:= 6 + (((6 + 6)/6) \times 666/6) + 6 \\
&:= 7 \times 7 \times 7 + (7777 + 7)/7 \\
&:= (8 - 8/8 + 8) \times ((8/8 + 88) + 8) \\
&:= 9 \times 9 \times (9 + 9) - (9 + 9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1456 &:= (1+1+11) \times (1+111) \\
&:= 2 + (((2/2+2) \times 22^2) + 2) \\
&:= (3-3/3) \times (3^{3+3} - 3/3) \\
&:= 4^4 + 4 \times (44+4^4) \\
&:= (5 \times 5 + 5/5) \times (55+5/5) \\
&:= (6/6+6+6) \times (666+6)/6 \\
&:= (7+7) \times (777/7-7) \\
&:= 8 + (8 \times 8 \times (8+8+8) - 88) \\
&:= 9 \times 9 \times (9+9) - (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1457 &:= 1 + (1+1+11) \times (1+111) \\
&:= 2 + ((2/2+2) \times (22^2+2/2)) \\
&:= (((3+3) \times 3^{3+3}) - 3)/3 \\
&:= 4/4 + (4 \times (44+4^4) + 4^4) \\
&:= 55 + (5 \times (5 \times 55+5) + ((5+5)/5)) \\
&:= 6 + (((66 \times (66+66)) - 6)/6) \\
&:= 7/7 + ((7+7) \times (777/7-7)) \\
&:= 8 + ((8 \times 8 \times (8+8+8) - 88) + 8/8) \\
&:= 9 \times 9 \times (9+9) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1458 &:= (1+1) \times (11-1-1)^{1+1+1} \\
&:= 2 \times ((2/2+2)^{2+2+2}) \\
&:= 3 \times (3 \times (3+3) \times 3^3) \\
&:= (4-4/4)^4 \times ((4+4)/4+4 \times 4) \\
&:= (5/5+5) \times ((5-(5+5)/5)^5) \\
&:= 666+66 \times (6+6) \\
&:= 7 + (((7 \times 7 - 77/7)^{(7+7)/7}) + 7) \\
&:= ((8+8)/8) \times ((8/8+8)^{88/8-8}) \\
&:= 9 \times 9 \times (9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1459 &:= 1 + (1+1) \times (11-1-1)^{1+1+1} \\
&:= 2/2 + (2 \times ((2/2+2)^{2+2+2})) \\
&:= (((3+3) \times 3^{3+3}) + 3)/3 \\
&:= 4 + ((4 \times (44+4^4) - 4/4) + 4^4) \\
&:= 5 + ((5 \times (5 \times 55+5) - 5/5) + 55) \\
&:= 6 + (((66 \times (66+66)) + 6)/6) \\
&:= ((7+7) \times (7 \times (7+7) + 7)) - 77/7 \\
&:= 8 \times (8+8) + ((88/8)^{88/8-8}) \\
&:= 9/9 + 9 \times 9 \times (9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1460 &:= (1+1) \times (1 + (11-1-1)^{1+1+1}) \\
&:= 2 + (2 \times ((2/2+2)^{2+2+2})) \\
&:= 3 + (((3+3) \times 3^{3+3}) - 3)/3 \\
&:= 4 + (4 \times (44+4^4) + 4^4) \\
&:= 5 + (5 \times (5 \times 55+5) + 55) \\
&:= 6 + (((6+6)/6) \times ((66 \times 66+6)/6)) \\
&:= 7 + ((7777-7)/7 + 7 \times 7 \times 7) \\
&:= 8 + ((88/((8+8)/8)) + 88 \times (8+8)) \\
&:= (9+9)/9 + 9 \times 9 \times (9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1461 &:= 11 \times (1+11 \times (1+11)) - 1 - 1 \\
&:= (2/2+2) \times ((22^2+2/2)+2) \\
&:= 3 + (3^{3+3} + 3^{3+3}) \\
&:= 4 + ((4 \times (44+4^4) + 4^4) + 4/4) \\
&:= 5 + ((5 \times 5 + 5/5) \times (55+5/5)) \\
&:= 66 + (((6 \times 6/(6+6))^6) + 666) \\
&:= 7 + (7777/7 + 7 \times 7 \times 7) \\
&:= 8 \times 8 + (88 \times (8+8) - (88/8)) \\
&:= 9 \times 9 \times (9+9) + ((9+9+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1462 &:= 11 \times (1+11 \times (1+11)) - 1 \\
&:= 2 \times (((2/2+2)^{2+2+2}) + 2) \\
&:= 3 + (((3+3) \times 3^{3+3}) + 3)/3 \\
&:= 4 + ((4-4/4)^4 \times ((4+4)/4+4 \times 4)) \\
&:= 55 + (5 \times 5 \times 55 + ((5+5)/5)^5) \\
&:= 6 + ((6/6+6+6) \times (666+6)/6) \\
&:= 777 + ((7 \times 7 \times (7+7)) - 7/7) \\
&:= (8/8+8+8) \times (88 - ((8+8)/8)) \\
&:= ((9+9)/9) \times (9 \times 9 \times 9 + ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1463 &:= 11 \times (1+11 \times (1+11)) \\
&:= 22/2 + ((2/2+2) \times 22^2) \\
&:= (((3+3) \times (3^{3+3}+3)) - 3)/3 \\
&:= 444 + (4 \times 4^4 - (4/4+4)) \\
&:= 5 + ((5/5+5) \times ((5-(5+5)/5)^5)) \\
&:= (6/6+6) \times (6 \times 6 \times 6 - (6/6+6)) \\
&:= 77 \times ((77+7)/7+7) \\
&:= 8 \times 8 + (88 \times (8+8) - (8/8+8)) \\
&:= 9 \times 9 \times (9+9) + ((9 \times 9+9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1464 &:= (1+11) \times (1+11^{1+1}) \\
&:= (2/2+2) \times (22^2+2+2) \\
&:= (3+3) \times ((3^{3+3}+3)/3) \\
&:= 444 + (4 \times 4^4 - 4) \\
&:= (5 \times 5 - 5/5) \times ((55+5/5)+5) \\
&:= 6 + (66 \times (6+6) + 666) \\
&:= 7/7 + ((7 \times 7 \times (7+7)) + 777) \\
&:= 8 \times 8 + (88 \times (8+8) - 8) \\
&:= 9 + (9 \times 9 \times (9+9) - ((9+9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1465 &:= 1 + (1+11) \times (1+11^{1+1}) \\
&:= 2 + (((2/2+2) \times 22^2) + 22/2) \\
&:= (((3+3) \times (3^{3+3}+3)) + 3)/3 \\
&:= 4/4 + ((4 \times 4^4 - 4) + 444) \\
&:= (5 \times ((5 \times (55+5)) - 5)) - 5 - 5 \\
&:= (6 \times (6 \times (6 \times 6+6) - 6)) - 66/6 \\
&:= 7 \times 7 \times 7 + ((7777+77)/7) \\
&:= 8/8 + ((88 \times (8+8) - 8) + 8 \times 8) \\
&:= 9 + (9 \times 9 \times (9+9) - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1466 &:= 11 + (1+1+11) \times (1+111) - 1 \\
&:= 22 + ((2+2+2)^2 + 2)^2 \\
&:= 3 + (((3+3) \times (3^{3+3}+3)) - 3)/3 \\
&:= 444 + (4 \times 4^4 - (4+4)/4) \\
&:= 5 + (((5 \times 5 + 5/5) \times (55+5/5)) + 5) \\
&:= ((6+6)/6) \times (((66 \times 66+6)/6) + 6) \\
&:= 7 + (((7+7) \times (7 \times (7+7) + 7)) - (77/7)) \\
&:= 8 \times 8 + ((88 \times (8+8) - 8) + ((8+8)/8)) \\
&:= 9 + (9 \times 9 \times (9+9) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1467 &:= 11 + (1+1+11) \times (1+111) \\
&:= 22 + (((2+2+2)^2 + 2)^2 + 2/2) \\
&:= 3 \times ((3 \times (3+3) \times 3^3) + 3) \\
&:= 444 + (4 \times 4^4 - 4/4) \\
&:= ((5+5)/5 \times (555+5^5)/5) - 5 \\
&:= 6 + (((6 \times 6/(6+6))^6) + 666) + 66 \\
&:= 77/7 + ((7+7) \times (777/7-7)) \\
&:= (8/8+8) \times ((88/8+88) + 8 \times 8) \\
&:= 9 + 9 \times 9 \times (9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1468 &:= (1+1+11) \times (1+1+111) - 1 \\
&:= 2 + (((2+2+2)^2 + 2)^2 + 22) \\
&:= 3 + (((3+3) \times (3^{3+3}+3)) + 3)/3 \\
&:= 444 + 4 \times 4^4 \\
&:= (5 \times (5 \times (55+5))) - ((5+5)/5)^5 \\
&:= (6 \times (6 \times (6 \times 6+6) - 6)) - ((6+6)/6+6) \\
&:= ((7+7) \times (7 \times (7+7) + 7)) - (7+7)/7 \\
&:= 8 \times 8 + (88 \times (8+8) - (8/((8+8)/8))) \\
&:= 9 + (9 \times 9 \times (9+9) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1469 &:= (1+1+11) \times (1+1+111) \\
&:= (22/2+2) \times (222/2+2) \\
&:= (((3+3) \times 3^{3+3}) + 33)/3 \\
&:= 4/4 + (444 + 4 \times 4^4) \\
&:= (5 \times ((5 \times (55+5)) - 5)) - (5/5+5) \\
&:= (6 \times (6 \times (6 \times 6+6) - 6)) - 6/6-6 \\
&:= ((7+7) \times (7 \times (7+7) + 7)) - 7/7 \\
&:= 8 + ((88 \times (8+8) - (88/8)) + 8 \times 8) \\
&:= 99/9 + 9 \times 9 \times (9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1470 &:= 1 + (1+1+11) \times (1+1+111) \\
&:= (2/2+2) \times ((22^2+2+2)+2) \\
&:= 3 + (3 \times ((3 \times (3+3) \times 3^3) + 3)) \\
&:= 444 + ((4+4)/4 + 4 \times 4^4) \\
&:= (5 \times ((5 \times (55+5)) - 5)) - 5 \\
&:= (6/6+6) \times (6 \times 6 \times 6 - 6) \\
&:= (7+7) \times (7 \times (7+7) + 7) \\
&:= 8 \times 8 + (88 \times (8+8) - ((8+8)/8)) \\
&:= 9 \times 9 \times (9+9) + (99+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1471 &:= 1 + 1 + (1 + 1 + 11) \times (1 + 1 + 111) \\
&:= 2 + ((22/2 + 2) \times (222/2 + 2)) \\
&:= (((3 + 3) \times ((3^{3+3} + 3) + 3)) + 3)/3 \\
&:= 4 + ((4 \times 4^4 - 4/4) + 444) \\
&:= 5/5 + ((5 \times ((5 \times (55 + 5)) - 5)) - 5) \\
&:= 6/6 + ((6/6 + 6) \times (6 \times 6 \times 6 - 6)) \\
&:= 7/7 + ((7 + 7) \times (7 \times (7 + 7) + 7)) \\
&:= 8 \times 8 + (88 \times (8 + 8) - 8/8) \\
&:= 9 \times 9 \times (9 + 9) + ((99 + 9 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1472 &:= 11 \times (1 + 1 + 11 \times (1 + 11)) - 1 - 1 \\
&:= 2 \times (2^{2+2} \times ((2 \times 22) + 2)) \\
&:= 3 + (((3 + 3) \times 3^{3+3}) + 33)/3 \\
&:= 4 + (444 + 4 \times 4^4) \\
&:= (5 + 5)/5 \times (555 + 5^5)/5 \\
&:= ((6 + 6)/6)^6 \times ((66/6 + 6) + 6) \\
&:= ((7 + 7)/7) + ((7 + 7) \times (7 \times (7 + 7) + 7)) \\
&:= 8 \times (88 + 88) + 8 \\
&:= 9 + (((9 \times 9 + 9)/(9 + 9)) + 9 \times 9 \times (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1473 &:= 11 \times (1 + 1 + 11 \times (1 + 11)) - 1 \\
&:= 22 + (((2/2 + 2) \times 22^2) - 2/2) \\
&:= ((3 + 3) \times (3 \times 3 \times 3^3 + 3)) - 3 \\
&:= 4 + ((444 + 4 \times 4^4) + 4/4) \\
&:= (5 \times ((5 \times (55 + 5)) - 5)) - (5 + 5)/5 \\
&:= 66 + (666/6 + 6 \times 6 \times 6 \times 6) \\
&:= ((7 + 7 + 7)/7) + ((7 + 7) \times (7 \times (7 + 7) + 7)) \\
&:= 8/8 + (88 \times (8 + 8) + 8 \times 8) \\
&:= 9 + ((9 \times 9 \times (9 + 9) - ((9 + 9 + 9)/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1474 &:= 11 \times (1 + 1 + 11 \times (1 + 11)) \\
&:= 22 + ((2/2 + 2) \times 22^2) \\
&:= (33 \times 33 + 3333)/3 \\
&:= 4 + ((444 + 4 \times 4^4) + (4 + 4)/4) \\
&:= (5 \times ((5 \times (55 + 5)) - 5)) - 5/5 \\
&:= (66 + 6/6) \times ((66 + 66)/6) \\
&:= 77/7 + ((7 \times 7 \times (7 + 7)) + 777) \\
&:= 8 \times 8 + (88 \times (8 + 8) + ((8 + 8)/8)) \\
&:= 9 + ((9 \times 9 \times (9 + 9) - ((9 + 9)/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1475 &:= 1 + 11 \times (1 + 1 + 11 \times (1 + 11)) \\
&:= 22 + (((2/2 + 2) \times 22^2) + 2/2) \\
&:= ((33/3)^3) + ((3 + 3) \times (3^3 - 3)) \\
&:= (4 \times ((4/4 + 4)^4 - 4^4)) - 4/4 \\
&:= 5 \times ((5 \times (55 + 5)) - 5) \\
&:= (6 \times (6 \times (6 \times 6 + 6) - 6)) - 6/6 \\
&:= 7 + (((7 + 7) \times (7 \times (7 + 7) + 7)) - ((7 + 7)/7)) \\
&:= 8 \times 8 + ((88 \times (8 + 8) - 8) + (88/8)) \\
&:= 9 + ((9 \times 9 \times (9 + 9) - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1476 &:= (1 + 11) \times (1 + (1 + 11^{1+1})) \\
&:= 2 + (((2/2 + 2) \times 22^2) + 22) \\
&:= (3 + 3) \times (3 \times 3 \times 3^3 + 3) \\
&:= 4 \times ((4/4 + 4)^4 - 4^4) \\
&:= 5/5 + (5 \times ((5 \times (55 + 5)) - 5)) \\
&:= 6 \times (6 \times (6 \times 6 + 6) - 6) \\
&:= 7 + (((7 + 7) \times (7 \times (7 + 7) + 7)) - 7/7) \\
&:= 8 \times 8 + (88 \times (8 + 8) + (8/((8 + 8)/8))) \\
&:= 9 + (9 \times 9 \times (9 + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1477 &:= 1 + (1 + 11) \times (1 + 1 + 11^{1+1}) \\
&:= 22 + ((2/2 + 2) \times (22^2 + 2/2)) \\
&:= 3/3 + ((3 + 3) \times (3 \times 3 \times 3^3 + 3)) \\
&:= 4/4 + (4 \times ((4/4 + 4)^4 - 4^4)) \\
&:= (5 + 5)/5 + (5 \times ((5 \times (55 + 5)) - 5)) \\
&:= 6/6 + (6 \times (6 \times (6 \times 6 + 6) - 6)) \\
&:= 7 + ((7 + 7) \times (7 \times (7 + 7) + 7)) \\
&:= 88 + (88 \times (8 + 8) - (88/8 + 8)) \\
&:= 9 + ((9 \times 9 \times (9 + 9) + 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1478 &:= 11 + (1 + 1 + 11) \times (1 + 1 + 111) - 1 - 1 \\
&:= (2 \times (2^{2 \times (2+2)} + 22^2)) - 2 \\
&:= 3 + (((3 + 3) \times (3^3 - 3)) + ((33/3)^3)) \\
&:= 4^4 + (((44 \times 444/4) + 4)/4) \\
&:= 5 + ((5 \times ((5 \times (55 + 5)) - 5)) - ((5 + 5)/5)) \\
&:= (6 + 6)/6 + (6 \times (6 \times (6 \times 6 + 6) - 6)) \\
&:= 7 + (((7 + 7) \times (7 \times (7 + 7) + 7)) + 7/7) \\
&:= 8 + ((88 \times (8 + 8) - ((8 + 8)/8)) + 8 \times 8) \\
&:= 9 + (9 \times 9 \times (9 + 9) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1479 &:= 11 + (1 + 1 + 11) \times (1 + 1 + 111) - 1 \\
&:= (2 \times (22 - 2))^2 - (22/2)^2 \\
&:= 3 + ((3 + 3) \times (3 \times 3 \times 3^3 + 3)) \\
&:= 444 + (44/4 + 4 \times 4^4) \\
&:= 5 + ((5 \times ((5 \times (55 + 5)) - 5)) - 5/5) \\
&:= 6 \times 6 + ((6/6 + 6 + 6) \times 666/6) \\
&:= 7 + (((7 + 7) \times (7 \times (7 + 7) + 7)) + ((7 + 7)/7)) \\
&:= (8/8 + 8 + 8) \times (88 - 8/8) \\
&:= 9 + (9 \times 9 \times (9 + 9) + ((99 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1480 &:= 11 + (1 + 1 + 11) \times (1 + 1 + 111) \\
&:= 2 \times (2^{2 \times (2+2)} + 22^2) \\
&:= (3 - 3/3) \times (3^{3+3} + 33/3) \\
&:= 4 + (4 \times ((4/4 + 4)^4 - 4^4)) \\
&:= 5 + (5 \times ((5 \times (55 + 5)) - 5)) \\
&:= 6 + ((66 + 6/6) \times ((66 + 66)/6)) \\
&:= (7/7 + 7) \times ((7 + 7) \times (7 + 7) - (77/7)) \\
&:= 8 + (88 \times (8 + 8) + 8 \times 8) \\
&:= ((9 + 9)/9) \times (9 \times 9 \times 9 + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1481 &:= ((1 + 1 + 11) \times (1 + 1 + 1 + 111)) - 1 \\
&:= 2 + ((2 \times (22 - 2))^2 - (22/2)^2) \\
&:= 3^3 + (((3 + 3) \times 3^{3+3}) - 3)/3 - 3 \\
&:= (4444 - 4/4)/(4 - 4/4) \\
&:= 5 + ((5 \times ((5 \times (55 + 5)) - 5)) + 5/5) \\
&:= 6 + ((6 \times (6 \times (6 \times 6 + 6) - 6)) - 6/6) \\
&:= 77/7 + ((7 + 7) \times (7 \times (7 + 7) + 7)) \\
&:= 8 + ((88 \times (8 + 8) + 8/8) + 8 \times 8) \\
&:= 9 \times 9 \times (9 + 9) + ((99 + 99 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1482 &:= (1 + 1 + 11) \times (1 + 1 + 1 + 111) \\
&:= 2 + (2 \times (2^{2 \times (2+2)} + 22^2)) \\
&:= (3 + 3) \times (((3^{3+3} + 3)/3) + 3) \\
&:= 444 + (4 \times (4^4 + 4) - (4 + 4)/4) \\
&:= (5 \times 5 + 5/5) \times ((5 + 5)/5 + 55) \\
&:= 6 + (6 \times (6 \times (6 \times 6 + 6) - 6)) \\
&:= (7/7 + 77) \times ((77 + 7)/7 + 7) \\
&:= 8 + ((88 \times (8 + 8) + ((8 + 8)/8)) + 8 \times 8) \\
&:= ((9 + 9)/9) \times (((99 + 9)/9) + 9 \times 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1483 &:= 1 + ((1 + 1 + 11) \times (1 + 1 + 1 + 111)) \\
&:= ((2/2 + 2) \times (22/2 + 22^2)) - 2 \\
&:= 3 + ((3 - 3/3) \times (3^{3+3} + 33/3)) \\
&:= 444 + (4 \times (4^4 + 4) - 4/4) \\
&:= 5 \times 5 + ((5/5 + 5) \times ((5 - (5 + 5)/5)^5)) \\
&:= 6 + ((6 \times (6 \times (6 \times 6 + 6) - 6)) + 6/6) \\
&:= 777/7 + (7 \times (7 + 7) \times (7 + 7)) \\
&:= 8 \times 8 + (88 \times (8 + 8) + 88/8) \\
&:= 9 + (((9 \times 9 \times (9 + 9) - ((9 + 9)/9)) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1484 &:= 11 \times (1 + 1 + 1 + 11 \times (1 + 11)) - 1 \\
&:= 2 \times ((2^{2 \times (2+2)} + 22^2) + 2) \\
&:= 3^3 + (((3 + 3) \times 3^{3+3}) - 3)/3 \\
&:= 444 + 4 \times (4^4 + 4) \\
&:= (5 \times (5 \times (55 + 5))) - (55/5 + 5) \\
&:= 6 + ((6 \times (6 \times (6 \times 6 + 6) - 6)) + ((6 + 6)/6)) \\
&:= 7 + (((7 + 7) \times (7 \times (7 + 7) + 7)) + 7) \\
&:= 8 \times 8 + (((88 + 8)/8) + 88 \times (8 + 8)) \\
&:= (9 \times (99 + 9)) + (((9 + 9)/9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1485 &:= 11 \times (1 + 1 + 1 + 11 \times (1 + 11)) \\
&:= (2/2 + 2) \times (22/2 + 22^2) \\
&:= 3 \times (3 \times ((3 + 3) \times 3^3 + 3)) \\
&:= 4/4 + (4 \times (4^4 + 4) + 444) \\
&:= 55 \times ((5 + 5)/5 + 5 \times 5) \\
&:= 6 + (((6/6 + 6 + 6) \times 666/6) + 6 \times 6) \\
&:= 77/7 \times (((7 + 7)/7)^7 + 7) \\
&:= 88 + (88 \times (8 + 8) - (88/8)) \\
&:= 9 + ((9 \times 9 \times (9 + 9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1486 &:= 1 + 11 \times (1 + 1 + 1 + 11 \times (1 + 11)) \\
&:= ((22 + 2) \times (2^{2+2+2} - 2)) - 2 \\
&:= 3^3 + (((3 + 3) \times 3^{3+3}) + 3)/3 \\
&:= 444 + (4 \times (4^4 + 4) + (4 + 4)/4) \\
&:= 5 \times 5 \times 55 + 555/5 \\
&:= ((66 - 6)/6) + (6 \times (6 \times (6 \times 6 + 6) - 6)) \\
&:= ((77 \times (((7 + 7)/7)^7 + 7)) + 7)/7 \\
&:= 88 + ((8 - 88)/8 + 88 \times (8 + 8)) \\
&:= 9 + (((9 \times 9 \times (9 + 9) + 9/9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1487 &:= 11 + (1 + 11) \times (1 + 1 + 11^{1+1}) \\
&:= 2 + ((2/2 + 2) \times (22/2 + 22^2)) \\
&:= 3 + (((3 + 3) \times 3^{3+3}) - 3)/3 + 3^3 \\
&:= (44 \times (44 + 4)) - (4/4 + 4)^4 \\
&:= 5 \times 5 \times 55 + (555 + 5)/5 \\
&:= 66/6 + (6 \times (6 \times (6 \times 6 + 6) - 6)) \\
&:= 77 + (((7 + 7 + 7)/7)^7) - 777 \\
&:= 8 + ((8/8 + 8 + 8) \times (88 - 8/8)) \\
&:= 9 + ((9 \times 9 \times (9 + 9) + (99/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1488 &:= (1 + 11) \times (1 + 1 + 1 + 11^{1+1}) \\
&:= (22 + 2) \times (2^{2+2+2} - 2) \\
&:= 3 + (3 \times (3 \times ((3 + 3) \times 3^3 + 3))) \\
&:= 4 + (4 \times (4^4 + 4) + 444) \\
&:= (5/5 + 5) \times (((5 - (5 + 5)/5)^5) + 5) \\
&:= 6 + ((6 \times (6 \times (6 \times 6 + 6) - 6)) + 6) \\
&:= 7 + (((7 + 7) \times (7 \times (7 + 7) + 7)) + (77/7)) \\
&:= 88 + (88 \times (8 + 8) - 8) \\
&:= 999/9 + 9 \times (9 \times (9 + 9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1489 &:= 1 + (1 + 11) \times (1 + 1 + 1 + 11^{1+1}) \\
&:= (2 \times (22 - 2))^2 - 222/2 \\
&:= 3 + ((3 \times (3 \times ((3 + 3) \times 3^3 + 3))) + 3)/3 \\
&:= (4 - 4/4)^4 + 4 \times (4 + 4) \times 44 \\
&:= (5 \times (5 \times (55 + 5))) - 55/5 \\
&:= 6 + (((6 \times (6 \times (6 \times 6 + 6) - 6)) + 6/6) + 6) \\
&:= (77 \times (7 + 7 + 7)) - ((7 + 7)/7)^7 \\
&:= 8/8 + ((88 \times (8 + 8) - 8) + 88) \\
&:= 9 + (((99 + 99)/9) + 9 \times 9 \times (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1490 &:= 1 + 1 + (1 + 11) \times (1 + 1 + 1 + 11^{1+1}) \\
&:= 2 + ((22 + 2) \times (2^{2+2+2} - 2)) \\
&:= 33 + (((3 + 3) \times 3^{3+3}) - 3)/3 \\
&:= (4/4 + 4) \times ((4^4 - (4 + 4)/4) + 44) \\
&:= (5 \times (5 \times (55 + 5))) - 5 - 5 \\
&:= 6 \times 6 \times (6 \times 6 + 6) - ((66 + 66)/6) \\
&:= 7 + ((7 \times (7 + 7) \times (7 + 7)) + 777/7) \\
&:= 88 + ((88 \times (8 + 8) - 8) + ((8 + 8)/8)) \\
&:= 9 + (((99 + 99 + 9)/9) + 9 \times 9 \times (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1491 &:= (1 + 1)^{11} - 1 - (1 + 1111)/(1 + 1) \\
&:= 2 + ((2 \times (22 - 2))^2 - 222/2) \\
&:= 33 + (3^{3+3} + 3^{3+3}) \\
&:= 44 \times 44 - (444 + 4/4) \\
&:= 5 + (5 \times 5 \times 55 + 555/5) \\
&:= (6/6 + 6) \times (6 \times 6 \times 6 - (6 \times 6/(6 + 6))) \\
&:= (7 + 7 + 7) \times ((7/7 - 7) + 77) \\
&:= 8 + ((88 \times (8 + 8) + 88/8) + 8 \times 8) \\
&:= 9 \times 9 \times (9 + 9) + (99/(9 + 9 + 9/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1492 &:= (1 + 1)^{11} - (1 + 1111)/(1 + 1) \\
&:= 2 \times ((2 \times 22^2) - 222) \\
&:= 33 + (((3 + 3) \times 3^{3+3}) + 3)/3 \\
&:= 44 \times 44 - 444 \\
&:= 5 + ((555 + 5)/5 + 5 \times 5 \times 55) \\
&:= ((6/6 + 6) \times (6 \times 6 \times 6 - (6 + 6)/6)) - 6 \\
&:= 7 + (77/7 \times (((7 + 7)/7)^7 + 7)) \\
&:= 88 + (88 \times (8 + 8) - (8/(8 + 8)/8)) \\
&:= ((9 + 9)/9) \times (((9 \times 9 \times 9 - 9/9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1493 &:= (1 + 1)^{11} - (1111 - 1)/(1 + 1) \\
&:= 2/2 + (2 \times ((2 \times 22^2) - 222)) \\
&:= (3 + 3) \times 3^3 + ((33/3)^3) \\
&:= 4/4 + (44 \times 44 - 444) \\
&:= (5 \times (5 \times (55 + 5))) - ((5 + 5)/5 + 5) \\
&:= 6 + ((6 \times (6 \times (6 \times 6 + 6) - 6)) + (66/6)) \\
&:= 7 + (((77 \times (((7 + 7)/7)^7 + 7)) + 7)/7) \\
&:= 8 + ((88 \times (8 + 8) - (88/8)) + 88) \\
&:= 9 + ((9 \times (99 + 9)) + (((9 + 9)/9)^9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1494 &:= 1 + (1 + 1)^{11} - (1111 - 1)/(1 + 1) \\
&:= 2 + (2 \times ((2 \times 22^2) - 222)) \\
&:= (3 + 3) \times ((3 + 3)^3 + 33) \\
&:= (4 + 4)/4 + (44 \times 44 - 444) \\
&:= (5 \times (5 \times (55 + 5))) - (5/5 + 5) \\
&:= (6 \times 6 \times (66 - 6)) - 666 \\
&:= (77/7 + 7) \times (77 - 7/7 + 7) \\
&:= 88 + (88 \times (8 + 8) - ((8 + 8)/8)) \\
&:= (9 + 9) \times (((9 + 9)/9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1495 &:= (1 + 1 + 11) \times (1 + 1 + 1 + 1 + 111) \\
&:= ((2 \times 22)^2) - ((22 - 2/2)^2) \\
&:= 3/3 + ((3 + 3) \times ((3 + 3)^3 + 33)) \\
&:= (4/4 + 4) \times ((44 - 4/4) + 4^4) \\
&:= (5 \times (5 \times (55 + 5))) - 5 \\
&:= (66 - 6/6) \times ((66/6 + 6) + 6) \\
&:= 7 + (((7 + 7) \times (7 \times (7 + 7) + 7)) + (77/7)) + 7 \\
&:= 88 + (88 \times (8 + 8) - 8/8) \\
&:= 9/9 + ((9 + 9) \times (((9 + 9)/9) + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1496 &:= 11 \times (1 + 1 + 1 + 1 + 11 \times (1 + 11)) \\
&:= 2 \times (22 \times ((2 \times 2^{2+2}) + 2)) \\
&:= 3 + ((3 + 3) \times 3^3 + ((33/3)^3)) \\
&:= 4 + (44 \times 44 - 444) \\
&:= 5/5 + ((5 \times (5 \times (55 + 5))) - 5) \\
&:= 6 \times 66 + ((6666 - 66)/6) \\
&:= 7 + ((77 \times (7 + 7 + 7)) - ((7 + 7)/7)^7) \\
&:= 88 + 88 \times (8 + 8) \\
&:= ((9 - 9/9) + 9) \times (99 - (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1497 &:= 1 + 11 \times (1 + 1 + 1 + 1 + 11 \times (1 + 11)) \\
&:= (2 \times 22^2) + ((22 + 2/2)^2) \\
&:= 3 + ((3 + 3) \times ((3 + 3)^3 + 33)) \\
&:= 4 + ((44 \times 44 - 444) + 4/4) \\
&:= (5 + 5)/5 + ((5 \times (5 \times (55 + 5))) - 5) \\
&:= 6 + ((6/6 + 6) \times (6 \times 6 \times 6 - (6 \times 6/(6 + 6)))) \\
&:= 77 + ((7 \times ((7 + 7) \times (7 + 7) + 7)) - 7/7) \\
&:= 8/8 + (88 \times (8 + 8) + 88) \\
&:= 9 + (9 \times (9 \times (9 + 9) - 9) + 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1498 &:= (1 + 1)^{11} - (1111 - 11)/(1 + 1) \\
&:= 2 + (2 \times (22 \times ((2 \times 2^{2+2}) + 2))) \\
&:= ((3^3 \times 333) - 3)/(3 + 3) \\
&:= 4^4 + ((4 + 4)/4 \times ((4/4 + 4)^4 - 4)) \\
&:= (5 \times (5 \times (55 + 5))) - (5 + 5)/5 \\
&:= (6/6 + 6) \times (6 \times 6 \times 6 - (6 + 6)/6) \\
&:= 77 + (7 \times ((7 + 7) \times (7 + 7) + 7)) \\
&:= 88 + (88 \times (8 + 8) + ((8 + 8)/8)) \\
&:= 999 + (((9 \times 999) - 9)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1499 &:= 11 + (1 + 11) \times (1 + 1 + 1 + 11^{1+1}) \\
&:= ((2 \times (22 - 2) - 2/2)^2) - 22 \\
&:= ((3^3 \times 333) + 3)/(3 + 3) \\
&:= ((4/4 + 4) \times (44 + 4^4)) - 4/4 \\
&:= (5 \times (5 \times (55 + 5))) - 5/5 \\
&:= 6 \times 6 \times (6 \times 6 + 6) - (6/6 + 6 + 6) \\
&:= 7 + ((77/7 \times (((7 + 7)/7)^7 + 7)) + 7) \\
&:= 88 + ((88 \times (8 + 8) - 8) + (88/8)) \\
&:= 999 + (((9 \times 999) + 9)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1500 &:= (1 + 1 + 1) \times (11 - 1)^{1+1+1}/(1 + 1) \\
&:= 2 \times ((22 \times ((2 \times 2^{2+2}) + 2)) + 2) \\
&:= (3 \times 3 + 3) \times ((3 - 3/3 + 3)^3) \\
&:= (4/4 + 4) \times (44 + 4^4) \\
&:= 5 \times (5 \times (55 + 5)) \\
&:= 6 \times 6 \times (6 \times 6 + 6) - 6 - 6 \\
&:= ((7 + 7)/7)^7 + (7 \times (7 + 7) \times (7 + 7)) \\
&:= 88 + (88 \times (8 + 8) + (8/(8 + 8)/8)) \\
&:= 999 + (((9 + 9)/9)^9) - (99/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1501 &:= 1 + (1 + 1 + 1) \times ((11 - 1)^{1+1+1} / (1 + 1)) \\
&:= 2 + (((2 \times (22 - 2) - 2/2)^2) - 22) \\
&:= 3 + (((3^3 \times 333) - 3) / (3 + 3)) \\
&:= 4/4 + ((4/4 + 4) \times (44 + 4^4)) \\
&:= 5/5 + (5 \times (5 \times (55 + 5))) \\
&:= 6 \times 6 \times (6 \times 6 + 6) - 66/6 \\
&:= (((7 + 7 + 7) / 7)^7) - (7 \times 7 \times (7 + 7)) \\
&:= (88/8 + 8) \times (88 - (8/8 + 8)) \\
&:= (9/9 + 9 + 9) \times (9 \times 9 - ((9 + 9) / 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1502 &:= (1 + 1 + 1) \times ((1 + 1)^{11-1-1} - 11) - 1 \\
&:= 2 \times (((2/2 + 2)^{2+2+2}) + 22) \\
&:= 3 + (((3^3 \times 333) + 3) / (3 + 3)) \\
&:= 4^4 + ((4 + 4) / 4 \times (4/4 + 4)^4 - 4) \\
&:= (5 + 5) / 5 + (5 \times (5 \times (55 + 5))) \\
&:= ((6 - 66) / 6) + 6 \times 6 \times (6 \times 6 + 6) \\
&:= 7 \times (7 \times 7 + 7) + (7777 - 7) / 7 \\
&:= 8 + ((88 \times (8 + 8) - ((8 + 8) / 8)) + 88) \\
&:= 999 + (((9 + 9) / 9)^9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1503 &:= (1 + 1 + 1) \times ((1 + 1)^{11-1-1} - 11) \\
&:= (2/2 + 2)^2 \times (((22/2 + 2)^2) - 2) \\
&:= 3 \times (((3 + 3) \times (3 \times 3^3 + 3)) - 3) \\
&:= (4 \times (444 - 4)) - (4/4 + 4^4) \\
&:= 5 + ((5 \times (5 \times (55 + 5))) - ((5 + 5) / 5)) \\
&:= (((6 - 66) + 6) / 6) + 6 \times 6 \times (6 \times 6 + 6) \\
&:= 7 \times (7 \times 7 + 7) + 7777 / 7 \\
&:= 8 + ((88 \times (8 + 8) - 8/8) + 88) \\
&:= 9 + ((9 + 9) \times (((9 + 9) / 9) + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1504 &:= 1 + (1 + 1 + 1) \times ((1 + 1)^{11-1-1} - 11) \\
&:= 2 \times (2 \times ((22 - 2)^2 - (22 + 2))) \\
&:= ((3^3 \times 333) + 33) / (3 + 3) \\
&:= (4 + 4) \times (444 - 4^4) \\
&:= 5 + ((5 \times (5 \times (55 + 5))) - 5/5) \\
&:= 6 \times 6 \times (6 \times 6 + 6) - ((6 + 6) / 6 + 6) \\
&:= (7/7 + 7) \times (777/7 + 77) \\
&:= 8 + (88 \times (8 + 8) + 88) \\
&:= 9 + (((9 + 9) \times ((9 + 9) / 9) + 9 \times 9)) + 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1505 &:= (1 + 11)^{1+1+1} - 1 - (1 + 1) \times 111 \\
&:= 22^2 + (((2^{22/2} - 2) / 2) - 2) \\
&:= ((3/3 + 3) + 3) \times ((3 + 3)^3 - 3/3) \\
&:= 4/4 + ((4 + 4) \times (444 - 4^4)) \\
&:= 5 + (5 \times (5 \times (55 + 5))) \\
&:= (6/6 + 6) \times (6 \times 6 \times 6 - 6/6) \\
&:= 7 \times (7 \times 7 \times 7 - ((7 + 7) / 7)^7) \\
&:= 8 + ((88 \times (8 + 8) + 88) + 8/8) \\
&:= 9 + (((9 - 9/9) + 9) \times (99 - (99/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1506 &:= (1 + 11)^{1+1+1} - (1 + 1) \times 111 \\
&:= 22^2 + ((2^{2 \times (2+2)+2}) - 2) \\
&:= 3 + (3 \times (((3 + 3) \times (3 \times 3^3 + 3)) - 3)) \\
&:= 4^4 + (4 + 4) / 4 \times (4/4 + 4)^4 \\
&:= 5 + ((5 \times (5 \times (55 + 5))) + 5/5) \\
&:= 6 \times 6 \times (6 \times 6 + 6) - 6 \\
&:= (77 \times (7 + 7 + 7)) - 777/7 \\
&:= 8 + ((88 \times (8 + 8) + ((8 + 8) / 8)) + 88) \\
&:= 9 + ((9 \times (9 \times (9 + 9) - 9) + 999/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1507 &:= 11 \times (111 + ((1 + 1) \times (1 + 1 + 11))) \\
&:= 22^2 + ((2^{22/2} - 2) / 2) \\
&:= 3 + (((3^3 \times 333) + 33) / (3 + 3)) \\
&:= 4 \times 44 + ((44/4)^{4-4/4}) \\
&:= 5 + ((5 \times (5 \times (55 + 5))) + ((5 + 5) / 5)) \\
&:= 6/6 + (6 \times 6 \times (6 \times 6 + 6) - 6) \\
&:= 7 + ((7 \times (7 + 7) \times (7 + 7)) + ((7 + 7) / 7)^7) \\
&:= 88 + (88 \times (8 + 8) + 88/8) \\
&:= 9 \times 9 \times (9 + 9) + ((9 \times 99 - 9) / (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1508 &:= (1 + 1)^{11-1} + (11 + 11)^{1+1} \\
&:= 22^2 + (2^{2 \times (2+2)+2}) \\
&:= 3 + (((3/3 + 3) + 3) \times ((3 + 3)^3 - 3/3)) \\
&:= 4 + ((4 + 4) \times (444 - 4^4)) \\
&:= ((5^5 + 5/5) / ((5 + 5) / 5)) - 55 \\
&:= (6 + 6) / 6 + (6 \times 6 \times (6 \times 6 + 6) - 6) \\
&:= 7 + (((7 + 7 + 7) / 7)^7) - (7 \times 7 \times (7 + 7)) \\
&:= 88 + (((88 + 8) / 8) + 88 \times (8 + 8)) \\
&:= 9 \times 9 \times (9 + 9) + ((9 \times 99 + 9) / (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1509 &:= 1 + (1 + 1)^{11-1} + (11 + 11)^{1+1} \\
&:= 22^2 + ((2^{22/2} + 2) / 2) \\
&:= 3 \times (((3 - 3/3)^{3 \times 3}) - 3 \times 3) \\
&:= 4 \times 4^4 + ((44 \times 44 + 4) / 4) \\
&:= 5 + (((5 \times (5 \times (55 + 5))) - 5/5) + 5) \\
&:= 6 \times 6 \times (6 \times 6 + 6) - 6 \times 6 / (6 + 6) \\
&:= (((7 + 7) / 7)^{77/7}) - 7 \times 77 \\
&:= 8 + ((88/8 + 8) \times (88 - (8/8 + 8))) \\
&:= ((9 + 9 + 9) / 9) \times (((9 + 9) / 9)^9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1510 &:= ((1 + 1 + 1) \times (1 + 1 + 11))^{1+1} - 11 \\
&:= 2 + ((2^{2 \times (2+2)+2}) + 22^2) \\
&:= 3/3 + (3 \times (((3 - 3/3)^{3 \times 3}) - 3 \times 3)) \\
&:= 4 + ((4 + 4) / 4 \times (4/4 + 4)^4 + 4^4) \\
&:= 5 + ((5 \times (5 \times (55 + 5))) + 5) \\
&:= 6 \times 6 \times (6 \times 6 + 6) - (6 + 6) / 6 \\
&:= 7 + (7777/7 + 7 \times (7 \times 7 + 7)) \\
&:= 88 \times (8 + 8) + ((888 - 8) / 8 - 8) \\
&:= 999 + (((9 + 9) / 9)^9) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1511 &:= 1111 + ((1 + 1) \times (11 - 1))^{1+1} \\
&:= (22 - 2)^2 + 2222/2 \\
&:= 3 \times 333 + ((3 - 3/3)^{3 \times 3}) \\
&:= ((4^4 - 4) \times ((4 + 4) / 4 + 4)) - 4/4 \\
&:= 55/5 + (5 \times (5 \times (55 + 5))) \\
&:= 6 \times 6 \times (6 \times 6 + 6) - 6/6 \\
&:= ((77 + 7) \times (77/7 + 7)) - 7/7 \\
&:= 888/8 + (88 \times (8 + 8) - 8) \\
&:= 999 + (((9 + 9) / 9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1512 &:= (11 - 1 - 1) \times ((1 + 1 + 11))^{1+1} - 1 \\
&:= 2 \times (2 \times ((22 - 2)^2 - 22)) \\
&:= 3 \times ((3 + 3) \times (3 \times 3^3 + 3)) \\
&:= (4^4 - 4) \times ((4 + 4) / 4 + 4) \\
&:= ((55 + 5) / 5) + (5 \times (5 \times (55 + 5))) \\
&:= 6 \times 6 \times (6 \times 6 + 6) \\
&:= (77 + 7) \times (77/7 + 7) \\
&:= (8 + 8 + 8) \times (8 \times 8 - 8/8) \\
&:= (9 + 9) \times (((9 + 9 + 9) / 9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1513 &:= (1 + ((111 - 1) / (1 + 1))^{1+1}) / (1 + 1) \\
&:= 2 + 2222/2 + (22 - 2)^2 \\
&:= 3/3 + (3 \times ((3 + 3) \times (3 \times 3^3 + 3))) \\
&:= 4/4 + ((4^4 - 4) \times ((4 + 4) / 4 + 4)) \\
&:= (55 \times 55 + 5/5) / ((5 + 5) / 5) \\
&:= 6/6 + 6 \times 6 \times (6 \times 6 + 6) \\
&:= 7/7 + ((77 + 7) \times (77/7 + 7)) \\
&:= (8/8 + 8 + 8) \times (8/8 + 88) \\
&:= ((9 - 9/9) + 9) \times ((9 \times 9 - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1514 &:= 1 + (1 + ((111 - 1) / (1 + 1))^{1+1}) / (1 + 1) \\
&:= 2 + 2 \times 2 \times ((22 - 2)^2 - 22) \\
&:= (3 + 3)^3 + (((33/3)^3) - 33) \\
&:= 4^4 + ((4 + 4) / 4 \times ((4/4 + 4)^4 + 4)) \\
&:= (5 \times ((5 \times (55 + 5)) + 5)) - 55/5 \\
&:= (6 + 6) / 6 + 6 \times 6 \times (6 \times 6 + 6) \\
&:= ((7 + 7) / 7) + ((77 + 7) \times (77/7 + 7)) \\
&:= 8/8 + ((8/8 + 8 + 8) \times (8/8 + 88)) \\
&:= 9 \times 9 \times (9 + 9) + ((999 + 9) / (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1515 &:= (1 + 1 + 1 + 1 + 11) \times (1 + (11 - 1)^{1+1}) \\
&:= (2/2 + 2) \times (22^2 - 2/2 + 22) \\
&:= 3 + (3 \times ((3 + 3) \times (3 \times 3^3 + 3))) \\
&:= 4 \times 444 - ((4/4 + 4^4) + 4) \\
&:= 5 + (((5 \times (5 \times (55 + 5))) + 5) + 5) \\
&:= (6 \times 6 / (6 + 6)) + 6 \times 6 \times (6 \times 6 + 6) \\
&:= (7/7 + 7 + 7) \times (7777/77) \\
&:= 8 + ((88 \times (8 + 8) + 88/8) + 88) \\
&:= 9 \times 9 \times (9 + 9) + (((9 + 9) / 9)^9) + 9/9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1516 &:= 1 + ((1 + 1 + 1 + 1 + 11) \times (1 + (11 - 1)^{1+1})) \\
&:= 2 \times ((2 \times ((22 - 2)^2 - 22)) + 2) \\
&:= 3 + ((3 \times ((3 + 3) \times (3 \times 3^3 + 3))) + 3/3) \\
&:= 4 \times 444 - (4^4 + 4) \\
&:= 5 + ((5 \times (5 \times (55 + 5))) + (55/5)) \\
&:= 6 + (6 \times 6 \times (6 \times 6 + 6) - ((6 + 6)/6)) \\
&:= 7 + (((7 + 7)/7)^{77/7} - 7 \times 77) \\
&:= 8 \times 8 \times (8 + 8 + 8) - ((88 + 8)/8 + 8) \\
&:= 9 + (((9 \times 99 - 9)/(9 + 9)) + 9 \times 9 \times (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1517 &:= (11 \times (111 + (1 + 1 + 1)^{1+1+1})) - 1 \\
&:= ((2 \times (22 - 2) - 2/2)^2) - 2 - 2 \\
&:= 3 + (((33/3)^3) - 33) + (3 + 3)^3 \\
&:= 4/4 + (4 \times 444 - (4^4 + 4)) \\
&:= 5 + ((5 \times (5 \times (55 + 5))) + ((55 + 5)/5)) \\
&:= 6 + (6 \times 6 \times (6 \times 6 + 6) - 6/6) \\
&:= (7 \times (7 \times (7 \times 7 - 7) - 77)) - (7 + 7)/7 \\
&:= 8 \times 8 \times (8 + 8 + 8) - (88/8 + 8) \\
&:= (9 \times (9 \times (9 + 9) + 9)) - ((99 + 99)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1518 &:= 11 \times (111 + (1 + 1 + 1)^{1+1+1}) \\
&:= 222 + (2 + 2 + 2)^{2+2} \\
&:= 3 \times (((3 - 3/3)^{3 \times 3}) - (3 + 3)) \\
&:= ((4 + 4)/4 + 4) \times ((4/4 - 4) + 4^4) \\
&:= 5 + ((55 \times 55 + 5/5)/(5 + 5)/5) \\
&:= 6 + 6 \times 6 \times (6 \times 6 + 6) \\
&:= (7 \times (7 \times (7 \times 7 - 7) - 77)) - 7/7 \\
&:= 88 \times (8 + 8) + (888 - 8)/8 \\
&:= 9 + (((9 + 9 + 9)/9) \times (((9 + 9)/9)^9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1519 &:= (1 + 1)^{11} - (1 + 11 + 11)^{1+1} \\
&:= ((2 \times (22 - 2) - 2/2)^2) - 2 \\
&:= ((3/3 + 3) + 3) \times ((3 + 3)^3 + 3/3) \\
&:= 4 \times 444 - (4/4 + 4^4) \\
&:= (5 \times ((5 \times (55 + 5)) + 5)) - (5/5 + 5) \\
&:= 6 + (6 \times 6 \times (6 \times 6 + 6) + 6/6) \\
&:= 7 \times (7 \times (7 \times 7 - 7) - 77) \\
&:= 888/8 + 88 \times (8 + 8) \\
&:= (9 \times (9 \times (9 + 9) + 9)) - (99/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1520 &:= ((1 + 1 + 1) \times (1 + 1 + 11))^{1+1} - 1 \\
&:= 2 + ((2 + 2 + 2)^{2+2} + 222) \\
&:= (3 + 3)^3 + (((33/3)^3) - 3^3) \\
&:= 4 \times 444 - 4^4 \\
&:= (5 \times ((5 \times (55 + 5)) + 5)) - 5 \\
&:= 6 + (6 \times 6 \times (6 \times 6 + 6) + ((6 + 6)/6)) \\
&:= 7/7 + (7 \times (7 \times (7 \times 7 - 7) - 77)) \\
&:= (8 + 8) \times (88 - 8/8 + 8) \\
&:= 9 + (((9 + 9)/9)^9) + 999
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1521 &:= ((1 + 1 + 1) \times (1 + 1 + 11))^{1+1} \\
&:= (2 \times (22 - 2) - 2/2)^2 \\
&:= (33 + 3 + 3)^{3-3/3} \\
&:= 4/4 + (4 \times 444 - 4^4) \\
&:= 5/5 + ((5 \times ((5 \times (55 + 5)) + 5)) - 5) \\
&:= 66 \times (6 + 6) + ((6 \times 6/(6 + 6))^6) \\
&:= (((7 - 77)/7) + 7 \times 7)^{(7+7)/7} \\
&:= 8 + ((8/8 + 8 + 8) \times (8/8 + 88)) \\
&:= (9 \times (99 + 9 \times 9)) - 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1522 &:= 1 + ((1 + 1 + 1) \times (1 + 1 + 11))^{1+1} \\
&:= 2/2 + ((2 \times (22 - 2) - 2/2)^2) \\
&:= 3/3 + (((33 + 3 + 3)^{3-3/3}) \\
&:= (4 + 4)/4 + (4 \times 444 - 4^4) \\
&:= (5 + 5)/5 + ((5 \times ((5 \times (55 + 5)) + 5)) - 5) \\
&:= ((66 - 6)/6) + 6 \times 6 \times (6 \times 6 + 6) \\
&:= ((77 + 7)/7 \times ((7 + 7)/7)^7) - (7 + 7) \\
&:= (8 + 8)/8 + ((8 + 8) \times (88 - 8/8 + 8)) \\
&:= 9/9 + ((9 \times (99 + 9 \times 9)) - 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1523 &:= 1 + 1 + ((1 + 1 + 1) \times (1 + 1 + 11))^{1+1} \\
&:= 2 + ((2 \times (22 - 2) - 2/2)^2) \\
&:= ((33/3)^3) + (3 \times ((3/3 + 3)^3)) \\
&:= 4 + (4 \times 444 - (4/4 + 4^4)) \\
&:= (5 \times ((5 \times (55 + 5)) + 5)) - (5 + 5)/5 \\
&:= 66/6 + 6 \times 6 \times (6 \times 6 + 6) \\
&:= 77/7 + ((77 + 7) \times (77/7 + 7)) \\
&:= 88/8 + ((8 + 8 + 8) \times (8 \times 8 - 8/8)) \\
&:= (9 + 9)/9 + ((9 \times (99 + 9 \times 9)) - 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1524 &:= 1 + 1 + 1 + ((1 + 1 + 1) \times (1 + 1 + 11))^{1+1} \\
&:= (2 + 2 + 2) \times (2^{2 \times (2+2)} - 2) \\
&:= 3 + ((33 + 3 + 3)^{3-3/3}) \\
&:= 4 + (4 \times 444 - 4^4) \\
&:= (5 \times ((5 \times (55 + 5)) + 5)) - 5/5 \\
&:= 6 + (6 \times 6 \times (6 \times 6 + 6) + 6) \\
&:= ((7 + 7)/7) \times (777 - (7/7 + 7 + 7)) \\
&:= ((88 + 8)/8) \times (8 \times (8 + 8) - 8/8) \\
&:= 9 \times 9 + (999/9 \times ((99 + 9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1525 &:= (1 + 1 + 1) \times (1 + 1)^{11-1-1} - 11 \\
&:= 2 + (((2 \times (22 - 2) - 2/2)^2) + 2) \\
&:= (3 \times ((3 - 3/3)^{3 \times 3}) - 33/3) \\
&:= 4 + 4 \times 444 - 4^4 + 4/4 \\
&:= 5 \times ((5 \times (55 + 5)) + 5) \\
&:= 6 + ((6 \times 6 \times (6 \times 6 + 6) + 6/6) + 6) \\
&:= (((7 + 7) \times (777 - (7 + 7))) - 7)/7 \\
&:= 8 \times 8 \times (8 + 8 + 8) - 88/8 \\
&:= 9 \times 9 + (((99/9 + 9 + 9) + 9)^{(9+9)/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1526 &:= (1 + (1 + 1 + 11)) \times (111 - 1 - 1) \\
&:= 2 + ((2 + 2 + 2) \times (2^{2 \times (2+2)} - 2)) \\
&:= 33 \times (3 + 3) + (((33/3)^3) - 3) \\
&:= (((4 + 4)/4 + 4) \times (4^4 - 4/4)) - 4 \\
&:= 5/5 + (5 \times ((5 \times (55 + 5)) + 5)) \\
&:= (6/6 + 6) \times (6 \times 6 \times 6 + (6 + 6)/6) \\
&:= 7 + (7 \times (7 \times (7 \times 7 - 7) - 77)) \\
&:= (8 - 88)/8 + 8 \times 8 \times (8 + 8 + 8) \\
&:= (9 + 9) \times 99 - (((9 + 9)/9)^{9-9/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1527 &:= 1 + (1 + 1 + 1 + 11) \times (111 - 1 - 1) \\
&:= 2 + (((2 \times (22 - 2) - 2/2)^2) + 2) + 2) \\
&:= 3 \times (((3 - 3/3)^{3 \times 3}) - 3) \\
&:= 4 + ((4 \times 444 - (4/4 + 4^4)) + 4) \\
&:= (5 + 5)/5 + (5 \times ((5 \times (55 + 5)) + 5)) \\
&:= 6 + (((6 \times 6/(6 + 6))^6) + 66 \times (6 + 6)) \\
&:= (((7 + 7) \times (777 - (7 + 7))) + 7)/7 \\
&:= 8 \times 8 \times (8 + 8 + 8) - (8/8 + 8) \\
&:= (9 \times (9 \times (9 + 9) + 9)) - (99 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1528 &:= 1 + (1 + (1 + 1 + 1 + 11) \times (111 - 1 - 1)) \\
&:= 2 \times (2 \times (2^{2+2} \times (22 + 2)) - 2) \\
&:= 3/3 + (3 \times (((3 - 3/3)^{3 \times 3}) - 3)) \\
&:= 4 + ((4 \times 444 - 4^4) + 4) \\
&:= 5 + ((5 \times ((5 \times (55 + 5)) + 5)) - ((5 + 5)/5)) \\
&:= 6 + (6 \times 6 \times (6 \times 6 + 6) + ((66 - 6)/6)) \\
&:= 7 + (((7 - 77)/7) + 7 \times 7)^{(7+7)/7} \\
&:= 8 \times 8 \times (8 + 8 + 8) - 8 \\
&:= (9 \times (9 \times (9 + 9) + 9)) - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1529 &:= 11 \times (((11 - 1) \times (1 + (1 + 1 + 11))) - 1) \\
&:= 2 \times (2 + 2) + ((2 \times (22 - 2) - 2/2)^2) \\
&:= 33 \times (3 + 3) + ((33/3)^3) \\
&:= 4 + (((4 \times 444 - 4^4) + 4/4) + 4) \\
&:= 5 + ((5 \times ((5 \times (55 + 5)) + 5)) - 5/5) \\
&:= 6 + (6 \times 6 \times (6 \times 6 + 6) + (66/6)) \\
&:= ((77 + 7)/7 \times ((7 + 7)/7)^7) - 7 \\
&:= 8/8 + (8 \times 8 \times (8 + 8 + 8) - 8) \\
&:= (9 \times (9 \times (9 + 9) + 9)) - 9/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1530 &:= (11 - 1) \times ((11 \times (1 + (1 + 1 + 11))) - 1) \\
&:= (2/2 + 2) \times ((2^{(2/2+2)^2}) - 2) \\
&:= 3 + (3 \times (((3 - 3/3)^{3 \times 3}) - 3)) \\
&:= ((4 + 4)/4 + 4) \times (4^4 - 4/4) \\
&:= 5 + (5 \times ((5 \times (55 + 5)) + 5)) \\
&:= 6 + ((6 \times 6 \times (6 \times 6 + 6) + 6) + 6) \\
&:= (77/7 + 7) \times (7/7 + 77 + 7) \\
&:= (8 + 8)/8 + (8 \times 8 \times (8 + 8 + 8) - 8) \\
&:= (9 \times (9 \times (9 + 9) + 9)) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1531 &:= 1 + ((11 - 1) \times ((11 \times (1 + (1 + 1 + 11))) - 1)) \\
&:= 2 + (((2 \times (22 - 2) - 2/2)^2) + 2 \times (2 + 2)) \\
&:= 3 + ((3 \times ((3 - 3/3)^{3 \times 3}) - 3)) + 3/3 \\
&:= 4^4 + (4/4 + 4) \times (4^4 - 4/4) \\
&:= 5 + ((5 \times ((5 \times (55 + 5)) + 5)) + 5/5) \\
&:= 6 + (((6 \times 6 \times (6 \times 6 + 6) + 6/6) + 6) + 6) \\
&:= 77 + (7777/7 + 7 \times 7 \times 7) \\
&:= 88/8 + ((8 + 8) \times (88 - 8/8 + 8)) \\
&:= 9/9 + ((9 \times (9 \times (9 + 9) + 9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1532 &:= 11 + ((1 + 1 + 1) \times (1 + 1 + 11))^{1+1} \\
&:= 2 \times ((2 \times (2^{2+2} \times (22 + 2))) - 2) \\
&:= 3 + (33 \times (3 + 3) + ((33/3)^3)) \\
&:= (4 \times (4 + 4) \times (44 + 4)) - 4 \\
&:= ((5 + 5)/5)^5 + (5 \times (5 \times (55 + 5))) \\
&:= 6 + ((6/6 + 6) \times (6 \times 6 \times 6 + (6 + 6)/6)) \\
&:= ((7 + 7)/7) \times (777 - (77/7)) \\
&:= 8 \times 8 \times (8 + 8 + 8) - (8/((8 + 8)/8)) \\
&:= (9 + 9)/9 + ((9 \times (9 \times (9 + 9) + 9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1533 &:= (1 + 1 + 1) \times ((1 + 1)^{11-1-1} - 1) \\
&:= (2/2 + 2) \times ((2^{(2/2+2)^2}) - 2/2) \\
&:= (3 \times ((3 - 3/3)^{3 \times 3}) - 3) \\
&:= 4/4 + ((4 \times (4 + 4) \times (44 + 4)) - 4) \\
&:= ((5/5 + 5)^5 - 555/5)/5 \\
&:= (6/6 + 6) \times ((6 \times 6/(6 + 6)) + 6 \times 6 \times 6) \\
&:= (77 \times (7 + 7 + 7)) - (77 + 7) \\
&:= 8 + (8 \times 8 \times (8 + 8 + 8) - (88/8)) \\
&:= ((9 + 9 + 9)/9) + ((9 \times (9 \times (9 + 9) + 9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1534 &:= 1 + ((1 + 1 + 1) \times ((1 + 1)^{11-1-1} - 1)) \\
&:= ((2 + 2 + 2) \times 2^{2 \times (2+2)}) - 2 \\
&:= 3/3 + ((3 \times ((3 - 3/3)^{3 \times 3}) - 3) \\
&:= 4 + (((4 + 4)/4 + 4) \times (4^4 - 4/4)) \\
&:= (5 \times 5 + 5/5) \times (55 - 5/5 + 5) \\
&:= (6/6 + 6 + 6) \times ((666 + 6)/6 + 6) \\
&:= (7 - 7/7 + 7) \times (777/7 + 7) \\
&:= 8 \times 8 \times (8 + 8 + 8) - (8 + 8)/8 \\
&:= ((9 - 99)/(9 + 9)) + (9 \times (9 \times (9 + 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1535 &:= ((1 + 1 + 1) \times (1 + 1)^{11-1-1}) - 1 \\
&:= ((2 + 2 + 2) \times 2^{2 \times (2+2)}) - 2/2 \\
&:= (3 \times ((3 - 3/3)^{3 \times 3}) - 3/3 \\
&:= (4 \times (4 + 4) \times (44 + 4)) - 4/4 \\
&:= 5 \times (5^5 - 55)/(5 + 5) \\
&:= 6 + ((6 \times 6 \times (6 \times 6 + 6) + (66/6)) + 6) \\
&:= (((77 + 7) \times ((7 + 7)/7)^7) - 7)/7 \\
&:= 8 \times 8 \times (8 + 8 + 8) - 8/8 \\
&:= ((9 - 9 \times 9)/(9 + 9)) + (9 \times (9 \times (9 + 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1536 &:= (1 + 1 + 1) \times (1 + 1)^{11-1-1} \\
&:= (2 + 2 + 2) \times 2^{2 \times (2+2)} \\
&:= 3 \times ((3 - 3/3)^{3 \times 3}) \\
&:= 4 \times (4 + 4) \times (44 + 4) \\
&:= 5/5 + (5 \times (5^5 - 55)/(5 + 5)) \\
&:= 6 \times (((6 + 6)/6)^{6+(6+6)/6}) \\
&:= (77 + 7)/7 \times ((7 + 7)/7)^7 \\
&:= 8 \times 8 \times (8 + 8 + 8) \\
&:= ((9 + 9 + 9)/9) \times (((9 + 9)/9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1537 &:= 1 + ((1 + 1 + 1) \times (1 + 1)^{11-1-1}) \\
&:= 2/2 + ((2 + 2 + 2) \times 2^{2 \times (2+2)}) \\
&:= 3/3 + (3 \times ((3 - 3/3)^{3 \times 3})) \\
&:= 4/4 + (4 \times (4 + 4) \times (44 + 4)) \\
&:= ((5^5 - 5/5)/((5 + 5)/5)) - 5 \times 5 \\
&:= 6 \times 6 \times (6 \times 6 + 6 + 6) - 66/6 \\
&:= (((77 + 7) \times ((7 + 7)/7)^7) + 7)/7 \\
&:= 8/8 + 8 \times 8 \times (8 + 8 + 8) \\
&:= (9 \times (9 \times (9 + 9) + 9)) - (9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1538 &:= 1 + (1 + ((1 + 1 + 1) \times (1 + 1)^{11-1-1})) \\
&:= 2 + ((2 + 2 + 2) \times 2^{2 \times (2+2)}) \\
&:= 3 + ((3 \times ((3 - 3/3)^{3 \times 3}) - 3/3) \\
&:= (4 + 4)/4 + (4 \times (4 + 4) \times (44 + 4)) \\
&:= ((5^5 + 5/5)/((5 + 5)/5)) - 5 \times 5 \\
&:= ((6 - 66)/6) + 6 \times 6 \times (6 \times 6 + 6 + 6) \\
&:= ((7 + 7)/7) \times (777 - (7/7 + 7)) \\
&:= (8 + 8)/8 + 8 \times 8 \times (8 + 8 + 8) \\
&:= (9 \times (9 \times (9 + 9) + 9)) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1539 &:= (1 + 1 + 1) \times (1 + (1 + 1)^{11-1-1}) \\
&:= 2 + (((2 + 2 + 2) \times 2^{2 \times (2+2)}) + 2/2) \\
&:= 3 + (3 \times ((3 - 3/3)^{3 \times 3})) \\
&:= 4 + ((4 \times (4 + 4) \times (44 + 4)) - 4/4) \\
&:= (55 \times (5 \times 5 + 5)) - 555/5 \\
&:= 6 + ((6/6 + 6) \times ((6 \times 6/(6 + 6)) + 6 \times 6 \times 6)) \\
&:= (((7 + 7) \times (777 - 7)) - 7)/7 \\
&:= 88/8 + (8 \times 8 \times (8 + 8 + 8) - 8) \\
&:= 9 \times (9 \times (9 + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1540 &:= (111 - 1) \times (1 + (1 + 1 + 11)) \\
&:= 22 \times ((2 \times (22 + 2)) + 22) \\
&:= 3 + ((3 \times ((3 - 3/3)^{3 \times 3}) + 3/3) \\
&:= 4 + (4 \times (4 + 4) \times (44 + 4)) \\
&:= 5 \times ((5^5 + 5)/(5 + 5) - 5) \\
&:= (6/6 + 6) \times ((6 \times 6 \times 6 - (6 + 6)/6) + 6) \\
&:= 77 \times ((7 - 7/7 + 7) + 7) \\
&:= (8/((8 + 8)/8)) + 8 \times 8 \times (8 + 8 + 8) \\
&:= 9/9 + (9 \times (9 \times (9 + 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1541 &:= 1 + ((111 - 1) \times (1 + (1 + 1 + 11))) \\
&:= ((2 \times 22 + 2/2)^2) - 22^2 \\
&:= (3 + 3)^3 + (((33/3)^3) - (3 + 3)) \\
&:= 4 + ((4 \times (4 + 4) \times (44 + 4)) + 4/4) \\
&:= 5/5 + (5 \times ((5^5 + 5)/(5 + 5) - 5)) \\
&:= (66 + 6/6) \times ((66/6 + 6) + 6) \\
&:= (((7 + 7) \times (777 - 7)) + 7)/7 \\
&:= 8 + ((8 \times 8 \times (8 + 8 + 8) - (88/8)) + 8) \\
&:= (9 + 9)/9 + (9 \times (9 \times (9 + 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1542 &:= 1 + (1 + ((111 - 1) \times (1 + (1 + 1 + 11)))) \\
&:= (2 \times 22 - 2)^2 - 222 \\
&:= 3 + ((3 \times ((3 - 3/3)^{3 \times 3}) + 3) \\
&:= ((4 + 4)/4 + 4) \times (4/4 + 4^4) \\
&:= 5 + (((5^5 - 5/5)/((5 + 5)/5)) - 5 \times 5) \\
&:= 6 \times 6 \times (6 \times 6 + 6 + 6) - 6 \\
&:= ((7 + 7)/7) \times ((777 - 7) + 7/7) \\
&:= 8 + (8 \times 8 \times (8 + 8 + 8) - ((8 + 8)/8)) \\
&:= ((9 + 9 + 9)/9) + (9 \times (9 \times (9 + 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1543 &:= (111 \times (1 + (1 + 1 + 11))) - 11 \\
&:= 22 + ((2 \times (22 - 2) - 2/2)^2) \\
&:= (((3 \times (3 + 3) + 3)^3) - 3)/(3 + 3) \\
&:= 4 + (((4 \times (4 + 4) \times (44 + 4)) - 4/4) + 4) \\
&:= 5 + (((5^5 + 5/5)/((5 + 5)/5)) - 5 \times 5) \\
&:= 6/6 + (6 \times 6 \times (6 \times 6 + 6 + 6) - 6) \\
&:= (((7 + 7) \times 777) - 77)/7 \\
&:= 8 + (8 \times 8 \times (8 + 8 + 8) - 8/8) \\
&:= 999 + (((99 \times 99) - 9)/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1544 &:= 1 + ((111 \times (1 + (1 + 1 + 11))) - 11) \\
&:= 2 \times 22^2 + ((22 + 2)^2) \\
&:= (3 + 3)^3 + (((33/3)^3) - 3) \\
&:= 4 + ((4 \times (4 + 4) \times (44 + 4)) + 4) \\
&:= ((5/5 + 5)^5 - (55 + 5/5))/5 \\
&:= (6 + 6)/6 + 6 \times (6 \times (6 \times 6 + 6) + 6) - 6 \\
&:= (((7 + 7) \times 777) - 77) + 7/7 \\
&:= 8 + 8 \times 8 \times (8 + 8 + 8) \\
&:= 999 + (((99 \times 99) + 9)/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1545 &:= 1 + (1 + ((111 \times (1 + (1 + 1 + 11))) - 11)) \\
&:= 2 + (((2 \times (22 - 2) - 2/2)^2) + 22) \\
&:= 3 \times (((3 - 3/3)^{3 \times 3}) + 3) \\
&:= 4 + (((4 \times (4 + 4) \times (44 + 4)) + 4/4) + 4) \\
&:= 5 + (5 \times ((5^5 + 5)/(5 + 5) - 5)) \\
&:= 6 \times 6 \times (6 \times 6 + 6) + (66 \times 6/(6 + 6)) \\
&:= (((7 + 7)/7) \times (777 - 7/7)) - 7 \\
&:= 8 + (8 \times 8 \times (8 + 8 + 8) + 8/8) \\
&:= 9 + (((9 + 9 + 9)/9) \times (((9 + 9)/9)^9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1546 &:= ((1+1+11) \times (11^{1+1} - (1+1))) - 1 \\
&:= 2 + (2 \times 22^2 + ((22+2)^2)) \\
&:= 3 + (((3 \times (3+3)) + 3^3) - 3)/(3+3) \\
&:= 4 + (((4+4)/4+4) \times (4/4+4^4)) \\
&:= 5^5 - ((5-5/5)^5 + 555) \\
&:= 6 \times (6 \times (6 \times 6 + 6) + 6) - (6+6)/6 \\
&:= (((7+7) \times 777) - 7)/7 - 7 \\
&:= 8 + (8 \times 8 \times (8+8+8) + ((8+8)/8)) \\
&:= 9 + ((9 \times (9 \times (9+9) + 9)) - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1547 &:= (1+1+11) \times (11^{1+1} - 1 - 1) \\
&:= (22/2+2) \times ((22/2)^2 - 2) \\
&:= (3+3)^3 + ((33/3)^3) \\
&:= 44/4 + (4 \times (4+4) \times (44+4)) \\
&:= ((5^5 - 5/5)/(5+5)/5) - (5+5+5) \\
&:= 6 \times (6 \times (6 \times 6 + 6) + 6) - 6/6 \\
&:= 777 + (777 - 7) \\
&:= 88/8 + 8 \times 8 \times (8+8+8) \\
&:= 9 + ((9 \times (9 \times (9+9) + 9)) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1548 &:= 1 + ((1+1+11) \times (11^{1+1} - (1+1))) \\
&:= (2+2+2) \times (2^{2 \times (2+2)} + 2) \\
&:= 3 + (3 \times (((3-3/3)^{3 \times 3} + 3)) \\
&:= 4^4 + (((4+4)/4+4)^4 - 4) \\
&:= (((5/5+5)^5 - (55/5))/5) - 5 \\
&:= 6 \times (6 \times (6 \times 6 + 6) + 6) \\
&:= (((7+7) \times 777) + 7)/7 - 7 \\
&:= ((88+8)/8) + 8 \times 8 \times (8+8+8) \\
&:= 9 + (9 \times (9 \times (9+9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1549 &:= ((1+1+11) \times (11^{1+1} - 1)) - 11 \\
&:= 2 + ((22/2+2) \times ((22/2)^2 - 2)) \\
&:= (((3 \times (3+3)) + 3^3) + 33)/(3+3) \\
&:= 4/4 + (((4+4)/4+4)^4 - 4) + 4^4 \\
&:= (5 \times (5^5 - 5)/(5+5)) - 55/5 \\
&:= 6/6 + 6 \times (6 \times (6 \times 6 + 6) + 6) \\
&:= (((7+7)/7) \times (777+7/7)) - 7 \\
&:= 8 \times 8 \times (8+8+8) + (88+8+8)/8 \\
&:= 9 + ((9 \times (9 \times (9+9) + 9)) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1550 &:= (11-1) \times (11 + (1+11)^{1+1}) \\
&:= 2 + ((2+2+2) \times (2^{2 \times (2+2)} + 2)) \\
&:= 3 + (((33/3)^3) + (3+3)^3) \\
&:= 4 + (((4+4)/4+4) \times (4/4+4^4)) + 4 \\
&:= 5 \times (((5 \times (55+5)) + 5) + 5) \\
&:= (6+6)/6 + 6 \times (6 \times (6 \times 6 + 6) + 6) \\
&:= 7 + (((7+7) \times 777) - 77)/7 \\
&:= 8 + ((8 \times 8 \times (8+8+8) - ((8+8)/8)) + 8) \\
&:= 99/9 + (9 \times (9 \times (9+9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1551 &:= 11 \times ((1+11)^{1+1} - (1+1+1)) \\
&:= 222 + ((22/2)^{2/2+2} - 2) \\
&:= 33 \times (33/3 + 33 + 3) \\
&:= 4^4 + (((4+4)/4+4)^4 - 4/4) \\
&:= 5/5 + (5 \times (((5 \times (55+5)) + 5) + 5)) \\
&:= 66/6 \times ((666/6 - 6) + 6 \times 6) \\
&:= (((7+7) \times (777 - 7)) + 77)/7 \\
&:= 8 + ((8 \times 8 \times (8+8+8) - 8/8) + 8) \\
&:= ((99+9)/9) + (9 \times (9 \times (9+9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1552 &:= (111 \times (1 + (1+1+11))) - 1 - 1 \\
&:= 2 \times (2 \times (2 \times ((2^{2+2} - 2)^2) - 2)) \\
&:= 3 + ((3 \times (3+3) + 3)^3 + 33)/(3+3) \\
&:= 4 \times ((4+4) \times (44+4) + 4) \\
&:= ((5^5 - 5/5)/(5+5)/5) - 5 - 5 \\
&:= 6+6 \times (6 \times (6 \times 6 + 6) + 6) - (6+6)/6 \\
&:= ((7+7)/7) \times (777 - 7/7) \\
&:= 8 + (8 \times 8 \times (8+8+8) + 8) \\
&:= (9 \times (9 \times (9+9) + 9)) + ((99+9+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1553 &:= (111 \times (1 + (1+1+11))) - 1 \\
&:= 222 + (22/2)^{2/2+2} \\
&:= 3 + (33/3)^3 + (3+3)^3 + 3 \\
&:= 4/4 + (((4+4)/4+4)^4 + 4^4) \\
&:= ((5/5+5)^5 - (55/5))/5 \\
&:= 6+6 \times (6 \times (6 \times 6 + 6) + 6) - 6/6 \\
&:= (((7+7) \times 777) - 7)/7 \\
&:= 8 + ((8 \times 8 \times (8+8+8) + 8/8) + 8) \\
&:= 9 + (((99+99) + 9)/(9+9)) + 999
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1554 &:= 111 \times (1 + (1+1+11)) \\
&:= 222 \times ((2/2+2+2) + 2) \\
&:= 3 \times (((3-3/3)^{3 \times 3} + 3) + 3) \\
&:= 444 + (4444 - 4)/4 \\
&:= ((5/5+5)^5 - (5/5+5))/5 \\
&:= 6+6 \times (6 \times (6 \times 6 + 6) + 6) \\
&:= (7+7) \times 777/7 \\
&:= 888/8 \times ((8 - (8+8)/8) + 8) \\
&:= 9 + (((9+9+9)/9) \times (((9+9)/9)^9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1555 &:= 1 + (111 \times (1 + (1+1+11))) \\
&:= 2 \times 222 + 2222/2 \\
&:= ((333 \times (33/3 + 3)) + 3)/3 \\
&:= 444 + 4444/4 \\
&:= 55 + (5 \times (5 \times (55+5))) \\
&:= 6+6 \times (6 \times (6 \times 6 + 6) + 6) + 6/6 \\
&:= (((7+7) \times 777) + 7)/7 \\
&:= 8 + (8 \times 8 \times (8+8+8) + (88/8)) \\
&:= 99 + (9 \times 9 \times (9+9) - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1556 &:= 1 + (1 + (111 \times (1 + (1+1+11)))) \\
&:= 2 \times ((2 \times (22 - 2))^2 - 22) \\
&:= 3 \times 3 + (((33/3)^3) + (3+3)^3) \\
&:= 4 + (((4+4)/4+4)^4 + 4^4) \\
&:= (((5/5+5)^5 - 5/5) + 5)/5 \\
&:= 6+6 \times (6 \times (6 \times 6 + 6) + 6) + (6+6)/6 \\
&:= ((7+7)/7) \times (777 + 7/7) \\
&:= 8 + (8 \times 8 \times (8+8+8) + ((88+8)/8)) \\
&:= 99 + (9 \times 9 \times (9+9) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1557 &:= 1 + (1 + (1 + (111 \times (1 + (1+1+11)))))) \\
&:= 2 + 2222/2 + 2 \times 222 \\
&:= 3 \times ((3 \times (3+3) \times 3^3) + 33) \\
&:= 4 + (((4+4)/4+4)^4 + 4^4) + 4/4 \\
&:= (5^5 - (55/5))/((5+5)/5) \\
&:= 6+6 \times (6 \times (6 \times 6 + 6) + 6) + 6 \times 6/(6+6) \\
&:= (((7+7) \times 777) + 7) + 7/7 \\
&:= (88/8 - 8) \times ((8 \times 8 \times 8 - 8/8) + 8) \\
&:= 99 + 9 \times 9 \times (9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1558 &:= ((1+1+11) \times (11^{1+1} - 1)) - 1 - 1 \\
&:= 2 + 2 \times (2 \times (22 - 2)^2 - 22) \\
&:= 3 + (((333 \times (33/3 + 3)) + 3)/3) \\
&:= 4 + ((4444 - 4)/4 + 444) \\
&:= ((5^5 + 5/5)/(5+5)/5) - 5 \\
&:= 6 \times (6 \times (6 \times 6 + 6) + 6) + (66 - 6)/6 \\
&:= ((7+7)/7) \times (((7+7)/7) + 777) \\
&:= ((8+8)/8) \times (8 \times (88+8) + (88/8)) \\
&:= 9/9 + (9 \times 9 \times (9+9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1559 &:= ((1+1+11) \times (11^{1+1} - 1)) - 1 \\
&:= (2 \times (222 + 2)) + 2222/2 \\
&:= 3 + (((33/3)^3) + (3+3)^3) + 3 \times 3 \\
&:= 4 + (4444/4 + 444) \\
&:= (5 \times (5^5 - 5)/(5+5)) - 5/5 \\
&:= 6 \times (6 \times (6 \times 6 + 6) + 6) + 66/6 \\
&:= 7 + (((7+7)/7) \times (777 - 7/7)) \\
&:= 8 \times (8 \times 8 - 8) + 8888/8 \\
&:= 9 + ((9 \times (9 \times (9+9) + 9)) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1560 &:= (1+1+11) \times (11^{1+1} - 1) \\
&:= 2 \times (2 \times (22 - 2)^2 - 22 + 2) \\
&:= (3^3 - 3/3) \times (3^3 + 33) \\
&:= (4^4 + 4) \times ((4+4)/4+4) \\
&:= 5 \times (5^5 - 5)/(5+5) \\
&:= 6+6 \times (6 \times (6 \times 6 + 6) + 6) + 6 \\
&:= 7 + (((7+7) \times 777) - 7)/7 \\
&:= (8+8+8) \times (8/8 + 8 \times 8) \\
&:= 9 \times 9 \times (9+9) + (999/9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1561 &:= 1 + ((1 + 1 + 11) \times (11^{1+1} - 1)) \\
&:= 2^{22/2} - ((22^2 + 2/2) + 2) \\
&:= 3/3 + ((3^3 - 3/3) \times (3^3 + 33)) \\
&:= 4/4 + ((4^4 + 4) \times ((4 + 4)/4 + 4)) \\
&:= 5/5 + (5 \times (5^5 - 5)/(5 + 5)) \\
&:= (6/6 + 6) \times (6 \times 6 \times 6 + 6/6 + 6) \\
&:= 7 + (777 + 777) \\
&:= 8/8 + ((8 + 8 + 8) \times (8/8 + 8 \times 8)) \\
&:= 9 \times 9 \times (9 + 9) + (((999 + 9)/9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1562 &:= 11 \times ((1 + 11)^{1+1} - (1 + 1)) \\
&:= 2^{22/2} - (22^2 + 2) \\
&:= 3^3 + ((3 \times ((3 - 3/3)^{3 \times 3})) - 3/3) \\
&:= 4 \times 44 + (44 \times (4^4 - 4)/(4 + 4)) \\
&:= (5^5 - 5/5)/(5 + 5)/5 \\
&:= 66/6 \times ((6 + 6) \times (6 + 6) - ((6 + 6)/6)) \\
&:= 7 + (((7 + 7) \times 777) + 7)/7 \\
&:= 8 + (888/8 \times ((8 - (8 + 8)/8) + 8)) \\
&:= 99/9 \times (9 \times (9 + 9) - (99/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1563 &:= 1 + (11 \times ((1 + 11)^{1+1} - (1 + 1))) \\
&:= 2^{22/2} - (22^2 + 2/2) \\
&:= 3 \times (((3 - 3/3)^{3 \times 3}) + 3 \times 3) \\
&:= 4 + ((4444/4 + 444) + 4) \\
&:= (5^5 + 5/5)/(5 + 5)/5 \\
&:= ((66 \times (66 + 66)) + 666)/6 \\
&:= 7 + (((7 + 7)/7) \times (777 + 7/7)) \\
&:= 8 + ((8 \times 8 \times (8 + 8 + 8) + (88/8)) + 8) \\
&:= ((9 + 9 + 9)/9) \times (((9 + 9)/9)^9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1564 &:= (1 + 1)^{11} - ((11 + 11)^{1+1}) \\
&:= 2^{22/2} - 22^2 \\
&:= 3^3 + ((3 \times ((3 - 3/3)^{3 \times 3})) + 3/3) \\
&:= 4 + ((4^4 + 4) \times ((4 + 4)/4 + 4)) \\
&:= (5 \times (5^5 + 5)/(5 + 5)) - 5/5 \\
&:= (6 - ((6 + 6)/6)) \times ((6 \times 66 - 6) + 6/6) \\
&:= (((7 + 7) \times 777) - 7) + 77/7 \\
&:= (8/8 + 8 + 8) \times ((8/(8 + 8)/8) + 88) \\
&:= ((9 - 9/9) + 9) \times ((99/9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1565 &:= 11 + (111 \times (1 + (1 + 1 + 11))) \\
&:= 2/2 + (2^{22/2} - 22^2) \\
&:= ((33/3)^3) + (3 \times (3 \times 3^3 - 3)) \\
&:= 4 + (((4^4 + 4) \times ((4 + 4)/4 + 4)) + 4/4) \\
&:= 5 \times (5^5 + 5)/(5 + 5) \\
&:= 6 + 6 \times (6 \times (6 \times 6 + 6) + 6) + 66/6 \\
&:= (((7 + 7) \times 777) + 77)/7 \\
&:= ((88/8 + 8) \times (88 - 8/8)) - 88 \\
&:= 9 + ((9 \times 9 \times (9 + 9) - 9/9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1566 &:= 1 + (11 + (111 \times (1 + (1 + 1 + 11)))) \\
&:= 2 + (2^{22/2} - 22^2) \\
&:= 3 \times ((3 + 3) \times (3 \times 3^3 + 3 + 3)) \\
&:= ((4 + 4)/4 + 4) \times ((4/4 + 4^4) + 4) \\
&:= 5/5 + (5 \times (5^5 + 5)/(5 + 5)) \\
&:= 6 + 6 \times (6 \times (6 \times 6 + 6) + 6) + 6 + 6 \\
&:= ((7 + 7)/7) \times ((777 - 7/7) + 7) \\
&:= (8/8 - 88) \times ((8 - 88)/8 - 8) \\
&:= 9 + (9 \times 9 \times (9 + 9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1567 &:= ((1 + 111) \times (1 + (1 + 1 + 11))) - 1 \\
&:= (2 \times ((22 + 2 + 2 + 2)^2)) - 2/2 \\
&:= 3/3 + (3 \times ((3 + 3) \times (3 \times 3^3 + 3 + 3))) \\
&:= ((4 + 4) \times ((4 \times (44 + 4)) + 4)) - 4/4 \\
&:= 5 + ((5^5 - 5/5)/(5 + 5)/5) \\
&:= 6 + ((6/6 + 6) \times (6 \times 6 \times 6 + 6/6 + 6)) \\
&:= (((7 + 7) \times (777 + 7)) - 7)/7 \\
&:= 8 + (8888/8 + 8 \times (8 \times 8 - 8)) \\
&:= 9 + ((9 \times 9 \times (9 + 9) + 99) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1568 &:= (1 + 111) \times (1 + (1 + 1 + 11)) \\
&:= 2 \times ((22 + 2 + 2 + 2)^2) \\
&:= (33/3 + 3) \times ((333 + 3)/3) \\
&:= (4 + 4) \times ((4 \times (44 + 4)) + 4) \\
&:= 5 + ((5^5 + 5/5)/(5 + 5)/5) \\
&:= (6/6 + 6) \times ((6 \times 6 \times 6 + (6 + 6)/6) + 6) \\
&:= 7 \times (7 \times (7 + 7 + 7) + 77) \\
&:= 8 + ((8 + 8 + 8) \times (8/8 + 8 \times 8)) \\
&:= 99 + (9 \times 9 \times (9 + 9) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1569 &:= 1 + ((1 + 111) \times (1 + (1 + 1 + 11))) \\
&:= 2/2 + (2 \times ((22 + 2 + 2 + 2)^2)) \\
&:= 33 + (3 \times ((3 - 3/3)^{3 \times 3})) \\
&:= 4/4 + ((4 + 4) \times ((4 \times (44 + 4)) + 4)) \\
&:= 5 + ((5 \times (5^5 + 5)/(5 + 5)) - 5/5) \\
&:= 6 + (((66 \times (66 + 66)) + 666)/6) \\
&:= (((7 + 7) \times (777 + 7)) + 7)/7 \\
&:= 8 + (((8 + 8 + 8) \times (8/8 + 8 \times 8)) + 8/8) \\
&:= 9 \times 9 \times (9 + 9) + 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1570 &:= 1 + (1 + ((1 + 111) \times (1 + (1 + 1 + 11)))) \\
&:= 2 + (2 \times ((22 + 2 + 2 + 2)^2)) \\
&:= 3^3 + ((3 \times (3 + 3) + 3)^3 - 3)/(3 + 3) \\
&:= 4 + (((4 + 4)/4 + 4) \times ((4/4 + 4^4) + 4)) \\
&:= 5 + (5 \times (5^5 + 5)/(5 + 5)) \\
&:= ((6 + 6)/6) \times (66 \times (6 + 6) - (6/6 + 6)) \\
&:= ((7 + 7)/7) \times ((777 + 7/7) + 7) \\
&:= 8 + ((888/8 \times ((8 - (8 + 8)/8) + 8)) + 8) \\
&:= 9 \times 9 \times (9 + 9) + ((999 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1571 &:= (11 \times (11 \times (1 + 1 + 11))) - 1 - 1 \\
&:= ((22/2 + 2) \times (22/2)^2) - 2 \\
&:= 3 \times 3 \times 3^3 + (33/3)^3 - 3 \\
&:= 4 + (((4 + 4) \times ((4 \times (44 + 4)) + 4)) - 4/4) \\
&:= 5 + ((5 \times (5^5 + 5)/(5 + 5)) + 5/5) \\
&:= (((6 + 6) \times (66 \times (6 + 6) - 6)) - 6)/6 \\
&:= 7 + (((7 + 7) \times 777) - 7) + 77/7 \\
&:= 88/8 + ((8 + 8 + 8) \times (8/8 + 8 \times 8)) \\
&:= 9 \times 9 \times (9 + 9) + ((999 + 9 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1572 &:= (1 + 11) \times ((11 \times (1 + 11)) - 1) \\
&:= 2 \times (((22 + 2 + 2 + 2)^2) + 2) \\
&:= 3 + ((3 \times ((3 - 3/3)^{3 \times 3})) + 33) \\
&:= 4 + ((4 + 4) \times ((4 \times (44 + 4)) + 4)) \\
&:= 5 + (((5^5 - 5/5)/(5 + 5)/5) + 5) \\
&:= 66 + (6 \times 6 \times (6 \times 6 + 6) - 6) \\
&:= 7 + (((7 + 7) \times 777) + 77)/7 \\
&:= (((8 \times 8 - 8)^{(8+8/8)} + 8)/(8 + 8)/8) \\
&:= 9 + (((9 + 9 + 9)/9) \times (((9 + 9)/9)^9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1573 &:= 11 \times (11 \times (1 + 1 + 11)) \\
&:= (22/2 + 2) \times (22/2)^2 \\
&:= ((33/3)^3) + ((3^{3+3} - 3)/3) \\
&:= (44 \times (4 \times (4 + 4) + 4)) - 44/4 \\
&:= 5 + (((5^5 + 5/5)/(5 + 5)/5) + 5) \\
&:= 66/6 \times ((6 + 6) \times (6 + 6) - 6/6) \\
&:= (7 - 7/7 + 7) \times (((7 + 7)/7)^7 - 7) \\
&:= 888 + (8 \times 88 - (88/8 + 8)) \\
&:= 9 + (((9 - 9/9) + 9) \times ((99/9) + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1574 &:= 1 + (11 \times (11 \times (1 + 1 + 11))) \\
&:= 2 + (2 \times ((22 + 2 + 2 + 2)^2) + 2) \\
&:= 3 \times 3 \times 3^3 + ((33/3)^3) \\
&:= 44 + (((4 + 4)/4 + 4) \times (4^4 - 4/4)) \\
&:= 555 + ((5 - 5/5)^5 - 5) \\
&:= ((6 + 6)/6) \times ((66 \times (6 + 6) - 6) + 6/6) \\
&:= 7 + (((7 + 7) \times (777 + 7)) - 7)/7 \\
&:= 8 + ((8/8 - 88) \times ((8 - 88)/8 - 8)) \\
&:= 9 + (((9 \times 9 \times (9 + 9) - 9/9) + 99) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1575 &:= 1 + (1 + (11 \times (11 \times (1 + 1 + 11)))) \\
&:= 2 + ((22/2 + 2) \times (22/2)^2) \\
&:= 3 \times (((3 + 3) \times (3 \times 3^3 + 3 + 3)) + 3) \\
&:= ((4/4 + 4) + 4) \times (4 \times 44 - 4/4) \\
&:= 5 \times ((5 \times 5 + 5^5)/(5 + 5)) \\
&:= (6 \times 6 - 6/6) \times (666/6 - 66) \\
&:= 7 + (7 \times (7 \times (7 + 7 + 7) + 77)) \\
&:= (8/8 + 8) \times (888/8 + 8 \times 8) \\
&:= 9 + ((9 \times 9 \times (9 + 9) + 99) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1576 &:= 1 + (1 + (1 + (11 \times (11 \times (1 + 1 + 11)))))) \\
&:= (2 \times (22 - 2))^2 - (22 + 2) \\
&:= 3 + (((3^{3+3} - 3)/3) + ((33/3)^3)) \\
&:= (44 \times (4 \times (4 + 4) + 4)) - 4 - 4 \\
&:= 5/5 + (5 \times ((5 \times 5 + 5^5)/(5 + 5))) \\
&:= ((6 + 6)/6)^6 + 6 \times 6 \times (6 \times 6 + 6) \\
&:= 7 + (((7 + 7) \times (777 + 7)) + 7)/7 \\
&:= 888 + (8 \times 88 - (8 + 8)) \\
&:= (9 - 9/9) \times ((99 - 9/9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1577 &:= 1 + (1 + (1 + (1 + (11 \times (11 \times (1 + 1 + 11)))))) \\
&:= (2 \times (22 - 2))^2 - (22 + 2/2) \\
&:= 3 + (3 \times 3 \times 3^3 + ((33/3)^3)) \\
&:= 4 + ((44 \times (4 \times (4 + 4) + 4)) - 44/4) \\
&:= 5 + (((5^5 - 5/5)/(5 + 5)/5) + 5) + 5 \\
&:= 66 + (6 \times 6 \times (6 \times 6 + 6) - 6/6) \\
&:= 7 + (((7 + 7)/7) \times ((777 + 7/7) + 7)) \\
&:= 8/8 + ((888 - (8 + 8)) + 8 \times 88) \\
&:= (9/9 + 9 + 9) \times ((9 + 9)/9) + 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1578 &:= 11 + (((1 + 111) \times (1 + (1 + 1 + 11))) - 1) \\
&:= (2 \times (22 - 2))^2 - 22 \\
&:= 33 + (3 \times (((3 - 3/3)^{3 \times 3} + 3)) \\
&:= ((4 + 4)/4 + 4) \times (((4^4 - 4/4) + 4) + 4) \\
&:= 555 + ((5 - 5/5)^5 - 5/5) \\
&:= 66 + 6 \times 6 \times (6 \times 6 + 6) \\
&:= (7 - 7/7) \times (((7 + 7)/7)^{7+7/7} + 7) \\
&:= 888 + (((8 + 8)/8) - (8 + 8)) + 8 \times 88 \\
&:= 9 + (9 \times 9 \times (9 + 9) + 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1579 &:= 11 + ((1 + 111) \times (1 + (1 + 1 + 11))) \\
&:= 2/2 + ((2 \times (22 - 2))^2 - 22) \\
&:= (((3 + 3) \times ((33 \times (3^3 - 3)) - 3)) + 3)/3 \\
&:= (44 \times (4 \times (4 + 4) + 4)) - (4/4 + 4) \\
&:= 555 + (5 - 5/5)^5 \\
&:= 66 + (6 \times 6 \times (6 \times 6 + 6) + 6/6) \\
&:= (((7 + 7) \times (777 + 7)) + 77)/7 \\
&:= 8 + (((8 + 8 + 8) \times (8/8 + 8 \times 8)) + (88/8)) \\
&:= 9 + (((999 + 9)/9) + 9 \times 9 \times (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1580 &:= (11 - 1) \times ((1 + 1 + 11)^{1+1} - 11) \\
&:= 2 + ((2 \times (22 - 2))^2 - 22) \\
&:= 33 + (((33/3)^3) + (3 + 3)^3) \\
&:= (44 \times (4 \times (4 + 4) + 4)) - 4 \\
&:= 5 + (5 \times ((5 \times 5 + 5^5)/(5 + 5))) \\
&:= (6 - ((6 + 6)/6)) \times (6 \times 66 - 6/6) \\
&:= 7 + ((7 - 7/7 + 7) \times (((7 + 7)/7)^7 - 7)) \\
&:= 888 + (8 \times 88 - ((88 + 8)/8)) \\
&:= (99/9 + 9) \times (9 \times 9 - ((9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1581 &:= (11 \times (1 + 11)^{1+1}) - 1 - 1 - 1 \\
&:= (2/2 + 2) \times (((22 + 2/2)^2) - 2) \\
&:= (33 \times (3 \times 3^3 - 33)) - 3 \\
&:= 4/4 + ((44 \times (4 \times (4 + 4) + 4)) - 4) \\
&:= 5 + ((5 \times ((5 \times 5 + 5^5)/(5 + 5))) + 5/5) \\
&:= (66 \times ((6 + 6 + 6) + 6)) - 6 \times 6/(6 + 6) \\
&:= (((7 + 7) \times (777 + 7 + 7)) - 7)/7 \\
&:= 888 + (8 \times 88 - (88/8)) \\
&:= ((9 - 9/9) + 9) \times (((99 + 9)/9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1582 &:= (11 \times (1 + 11)^{1+1}) - 1 - 1 \\
&:= (2 \times (22 \times (2 + 2 + 2)^2)) - 2 \\
&:= 3/3 + ((33 \times (3 \times 3^3 - 33)) - 3) \\
&:= (44 \times (4 \times (4 + 4) + 4)) - (4 + 4)/4 \\
&:= 5 \times 5 + ((5^5 - (55/5))/(5 + 5)/5) \\
&:= ((6 + 6)/6) \times (66 \times (6 + 6) - 6/6) \\
&:= 7 \times (((7 + 7)/7)^7 + 7 \times (7 + 7)) \\
&:= 888 + ((8 - 88)/8 + 8 \times 88) \\
&:= ((9 + 9)/9) \times (9 \times 99 - (9/9 + 99))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1583 &:= (11 \times (1 + 11)^{1+1}) - 1 \\
&:= (2 \times (22 \times (2 + 2 + 2)^2)) - 2/2 \\
&:= ((33/3)^3) + (3 \times (3 \times 3^3 + 3)) \\
&:= (44 \times (4 \times (4 + 4) + 4)) - 4/4 \\
&:= 5 + (((5 - 5/5)^5 - 5/5) + 555) \\
&:= (66 \times ((6 + 6 + 6) + 6)) - 6/6 \\
&:= (((7 + 7) \times (777 + 7 + 7)) + 7)/7 \\
&:= 888 + (8 \times 88 - (8/8 + 8)) \\
&:= ((9 + 9) \times (99 - (99/9))) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1584 &:= 11 \times (1 + 11)^{1+1} \\
&:= 2 \times (22 \times (2 + 2 + 2)^2) \\
&:= 33 \times (3 \times 3^3 - 33) \\
&:= 44 \times (4 \times (4 + 4) + 4) \\
&:= 5 + ((5 - 5/5)^5 + 555) \\
&:= 66 \times ((6 + 6 + 6) + 6) \\
&:= (77/7 + 7) \times (77/7 + 77) \\
&:= 88 \times (((8 + 8)/8) + 8) + 8 \\
&:= (9 + 9) \times (99 - (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1585 &:= 1 + (11 \times (1 + 11)^{1+1}) \\
&:= 2/2 + (2 \times (22 \times (2 + 2 + 2)^2)) \\
&:= 3/3 + (33 \times (3 \times 3^3 - 33)) \\
&:= 4/4 + (44 \times (4 \times (4 + 4) + 4)) \\
&:= 5 \times ((5^5 - 5)/(5 + 5) + 5) \\
&:= 6/6 + (66 \times ((6 + 6 + 6) + 6)) \\
&:= 7 \times 7 + ((77 + 7)/7 \times ((7 + 7)/7)^7) \\
&:= 8/8 + ((888 - 8) + 8 \times 88) \\
&:= 9/9 + ((9 + 9) \times (99 - (99/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1586 &:= 1 + (1 + (11 \times (1 + 11)^{1+1})) \\
&:= 2 + (2 \times (22 \times (2 + 2 + 2)^2)) \\
&:= (3^3 - 3/3) \times (((3/3 + 3)^3) - 3) \\
&:= (4 + 4)/4 + (44 \times (4 \times (4 + 4) + 4)) \\
&:= 5/5 + (5 \times ((5^5 - 5)/(5 + 5) + 5)) \\
&:= (6 + 6)/6 + (66 \times ((6 + 6 + 6) + 6)) \\
&:= (7 \times 7 \times 77) - (((7 + 7 + 7)/7)^7) \\
&:= 888 + (((8 + 8)/8) - 8) + 8 \times 88 \\
&:= 9 + ((9/9 + 9 + 9) \times (((9 + 9)/9) + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1587 &:= 1 + (1 + (1 + (11 \times (1 + 11)^{1+1}))) \\
&:= (2/2 + 2) \times ((22 + 2/2)^2) \\
&:= 3 + (33 \times (3 \times 3^3 - 33)) \\
&:= 4^4 + ((44/4)^{4-4/4}) \\
&:= 5 \times 5 + ((5^5 - 5/5)/(5 + 5)/5) \\
&:= 666/6 + (6 \times (6 \times (6 \times 6 + 6) - 6)) \\
&:= (7 \times (7 \times (7 \times 7 - (7 + 7)))) - ((7 + 7)/7)^7 \\
&:= 888 + ((88/8 - (8 + 8)) + 8 \times 88) \\
&:= 9 + ((9 \times 9 \times (9 + 9) + 999/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1588 &:= 1 + (1 + (1 + (1 + (11 \times (1 + 11)^{1+1})))) \\
&:= 2 \times ((22 \times (2 + 2 + 2)^2) + 2) \\
&:= 3 + ((33 \times (3 \times 3^3 - 33)) + 3/3) \\
&:= 4 + (44 \times (4 \times (4 + 4) + 4)) \\
&:= 5 \times 5 + ((5^5 + 5/5)/(5 + 5)/5) \\
&:= (6 - ((6 + 6)/6)) \times (6 \times 66 + 6/6) \\
&:= 7 + (((7 + 7) \times (777 + 7 + 7)) - 7)/7 \\
&:= 888 + (8 \times 88 - (8/(8 + 8)/8)) \\
&:= 9 + (((999 + 9)/9) + 9 \times 9 \times (9 + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1589 &:= (((1 + 1) \times ((1 + 1) \times (11 - 1)))^{1+1}) - 11 \\
&:= (2 \times (22 - 2))^2 - 22/2 \\
&:= 3 + ((3^3 - 3/3) \times (((3/3 + 3)^3) - 3)) \\
&:= 4 + ((44 \times (4 \times (4 + 4) + 4)) + 4/4) \\
&:= 5 + (((5 - 5/5)^5 + 555) + 5) \\
&:= 6 + ((66 \times ((6 + 6 + 6) + 6)) - 6/6) \\
&:= ((7 + 7 + 7) \times (77 - 7/7)) - 7 \\
&:= 8 \times (8 \times (8 + 8 + 8) + 8) - 88/8 \\
&:= 9 + ((99/9 + 9) \times (9 \times 9 - ((9 + 9)/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1590 &:= (1 + 1 + 1) \times (1 + (1 + 11 + 11)^{1+1}) \\
&:= (2 \times (2 \times ((22 - 2)^2 - 2))) - 2 \\
&:= 3 + ((33 \times (3 \times 3^3 - 33)) + 3) \\
&:= 4 + ((44 \times (4 \times (4 + 4) + 4)) + (4 + 4)/4) \\
&:= 5 \times ((5^5 + 5)/(5 + 5) + 5) \\
&:= 6 + (66 \times ((6 + 6 + 6) + 6)) \\
&:= 7 + (((7 + 7) \times (777 + 7 + 7)) + 7)/7 \\
&:= 888 + (8 \times 88 - ((8 + 8)/8)) \\
&:= (9/9 + 9) \times (9 \times (9 + 9) - ((9 + 9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1591 &:= 1 + ((1 + 1 + 1) \times (1 + (1 + 11 + 11)^{1+1})) \\
&:= 2 + ((2 \times (22 - 2))^2 - 22/2) \\
&:= (((3 + 3) \times ((33 \times (3^3 - 3)) + 3)) + 3)/3 \\
&:= 4 + (((44/4)^{4-4/4}) + 4^4) \\
&:= 5/5 + (5 \times ((5^5 + 5)/(5 + 5) + 5)) \\
&:= 6 + ((66 \times ((6 + 6 + 6) + 6)) + 6/6) \\
&:= 7 + ((77/7 + 7) \times (77/7 + 77)) \\
&:= 888 + (8 \times 88 - 8/8) \\
&:= ((99/9 + 9) \times (9 \times 9 - 9/9)) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1592 &:= (11 \times (1 + (1 + 11)^{1+1})) - 1 - 1 - 1 \\
&:= 2 \times (2 \times ((22 - 2)^2 - 2)) \\
&:= ((33/3)^3) + (3 \times (3 \times 3^3 + 3 + 3)) \\
&:= 4 + ((44 \times (4 \times (4 + 4) + 4)) + 4) \\
&:= 5 + (((5^5 - 5/5)/(5 + 5)/5) + 5 \times 5) \\
&:= 6 + ((66 \times ((6 + 6 + 6) + 6)) + ((6 + 6)/6)) \\
&:= 7 \times 7 + (((7 + 7) \times 777) - 77)/7 \\
&:= 888 + 8 \times 88 \\
&:= 9 \times 9 + (((9 + 9)/9)^9) + 999
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1593 &:= (11 \times (1 + (1 + 11)^{1+1})) - 1 - 1 \\
&:= 2/2 + (2 \times (2 \times ((22 - 2)^2 - 2))) \\
&:= 3 \times (33 \times (3 + 3) + 333) \\
&:= ((4/4 + 4) + 4) \times (4 \times 44 + 4/4) \\
&:= 5 + (((5^5 + 5/5)/(5 + 5)/5) + 5 \times 5) \\
&:= (6 \times (6 + 6) \times (6 + 6)) + ((6 \times 6/(6 + 6))^6) \\
&:= 7 + ((7 \times 7 \times 77) - (((7 + 7 + 7)/7)^7)) \\
&:= 8/8 + (888 + 8 \times 88) \\
&:= 9 + ((9 + 9) \times (99 - (99/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1594 &:= (11 \times (1 + (1 + 11)^{1+1})) - 1 \\
&:= 2 + (2 \times (2 \times ((22 - 2)^2 - 2))) \\
&:= 3/3 + (3 \times (33 \times (3 + 3) + 333)) \\
&:= (44 - 4)/4 + (44 \times (4 \times (4 + 4) + 4)) \\
&:= 5^5/5 + ((5 - 5/5)^5 - 55) \\
&:= 6 + ((6 - ((6 + 6)/6)) \times (6 \times 66 + 6/6)) \\
&:= 7 \times (77 - 7) + (7777/7 - 7) \\
&:= 888 + ((8 + 8)/8 + 8 \times 88) \\
&:= 9 + (((9 + 9) \times (99 - (99/9))) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1595 &:= 11 \times (1 + (1 + 11)^{1+1}) \\
&:= 22^2 + 2222/2 \\
&:= 33/3 + (33 \times (3 \times 3^3 - 33)) \\
&:= 44/4 + (44 \times (4 \times (4 + 4) + 4)) \\
&:= 55 \times (5 \times 5 - 5/5 + 5) \\
&:= 66/6 + (66 \times ((6 + 6 + 6) + 6)) \\
&:= ((7 + 7 + 7) \times (77 - 7/7)) - 7/7 \\
&:= 888 + ((8 \times 88 - 8) + (88/8)) \\
&:= 99/9 + ((9 + 9) \times (99 - (99/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1596 &:= 1 + (11 \times (1 + (1 + 11)^{1+1})) \\
&:= 2 \times ((2 \times (22 - 2))^2 - 2) \\
&:= 3 + (3 \times (33 \times (3 + 3) + 333)) \\
&:= (4 \times (444 - 44)) - 4 \\
&:= 5/5 + (55 \times (5 \times 5 - 5/5 + 5)) \\
&:= 6 + ((66 \times ((6 + 6 + 6) + 6)) + 6) \\
&:= (7 + 7 + 7) \times (77 - 7/7) \\
&:= 888 + ((8/(8 + 8)/8) + 8 \times 88) \\
&:= (9/9 + 9 + 9) \times (((9 + 9 + 9)/9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1597 &:= 1 + (1 + (11 \times (1 + (1 + 11)^{1+1}))) \\
&:= (2 \times (22 - 2))^2 - 2/2 - 2 \\
&:= (3 \times (3 + 3) \times 3^3) + 3333/3 \\
&:= 4/4 + ((4 \times (444 - 44)) - 4) \\
&:= (5 + 5)/5 + (55 \times (5 \times 5 - 5/5 + 5)) \\
&:= (((6 + 6) \times (66 \times (6 + 6) + 6)) + 6)/6 \\
&:= 7/7 + ((7 + 7 + 7) \times (77 - 7/7)) \\
&:= 8 + (8 \times (8 \times (8 + 8 + 8) + 8) - (88/8)) \\
&:= ((9 + 9) \times (9 + 9 + 9)) + 9999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1598 &:= 1 + (1 + (1 + (11 \times (1 + (1 + 11)^{1+1})))) \\
&:= (2 \times (22 - 2))^2 - 2 \\
&:= 33 \times 33 + (((3 - 3/3)^{3 \times 3}) - 3) \\
&:= (4 \times (444 - 44)) - (4 + 4)/4 \\
&:= (5 \times ((5 + 5) \times ((5 + 5)/5)^5)) - (5 + 5)/5 \\
&:= ((6 + 6)/6) \times ((66 \times (6 + 6) + 6/6) + 6) \\
&:= ((7 + 7)/7) + ((7 + 7 + 7) \times (77 - 7/7)) \\
&:= 8 \times (8 \times (8 + 8 + 8) + 8) - (8 + 8)/8 \\
&:= ((9 + 9)/9) \times (9 \times (9 \times 9 + 9) - (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1599 &:= (1 + 1 + 11) \times (1 + (1 + 11)^{1+1}) \\
&:= (2 \times (22 - 2))^2 - 2/2 \\
&:= ((3 + 3) \times ((3 \times (3 \times (3^3 + 3))) - 3)) - 3 \\
&:= (4 \times (444 - 44)) - 4/4 \\
&:= (5 \times ((5 + 5) \times ((5 + 5)/5)^5)) - 5/5 \\
&:= (6/6 + 6 + 6) \times ((666/6 + 6) + 6) \\
&:= (77 \times (7 + 7 + 7)) - (77/7 + 7) \\
&:= 8 \times (8 \times (8 + 8 + 8) + 8) - 8/8 \\
&:= (9 \times (99 + 9 \times 9)) - (((99 + 9)/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1600 &:= ((1 + 1) \times ((1 + 1) \times (11 - 1)))^{1+1} \\
&:= (2 \times (22 - 2))^2 \\
&:= ((3/3 + 3)^3) \times ((3/3 - 3) + 3^3) \\
&:= 4 \times (444 - 44) \\
&:= 5 \times ((5 + 5) \times ((5 + 5)/5)^5) \\
&:= ((6 + 6)/6)^6 \times (6 \times 6 - 66/6) \\
&:= (7 \times 7 - ((7 + 7)/7 + 7))^{(7+7)/7} \\
&:= 8 \times (8 \times (8 + 8 + 8) + 8) \\
&:= (99/9 + 9) \times (9 \times 9 - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1601 &:= 1 + (((1 + 1) \times ((1 + 1) \times (11 - 1)))^{1+1}) \\
&:= 2/2 + (2 \times (22 - 2))^2 \\
&:= 33 \times 33 + ((3 - 3/3)^{3 \times 3}) \\
&:= 4/4 + (4 \times (444 - 44)) \\
&:= 5/5 + (5 \times ((5 + 5) \times ((5 + 5)/5)^5)) \\
&:= 6 + ((66 \times ((6 + 6 + 6) + 6)) + (66/6)) \\
&:= 7 \times (77 - 7) + 7777/7 \\
&:= 8/8 + 8 \times (8 \times (8 + 8 + 8) + 8) \\
&:= (((9 + 9)/9)^9) + (99 \times (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1602 &:= 1 + (1 + (((1 + 1) \times ((1 + 1) \times (11 - 1)))^{1+1})) \\
&:= 2 + (2 \times (22 - 2))^2 \\
&:= (3 + 3) \times ((3 \times (3 \times (3^3 + 3))) - 3) \\
&:= (4 + 4)/4 + (4 \times (444 - 44)) \\
&:= (5 + 5)/5 + (5 \times ((5 + 5) \times ((5 + 5)/5)^5)) \\
&:= 6 + (((66 \times ((6 + 6 + 6) + 6)) + 6) + 6) \\
&:= 7 \times 7 + (((7 + 7) \times 777) - 7)/7 \\
&:= (8 + 8)/8 + 8 \times (8 \times (8 + 8 + 8) + 8) \\
&:= (9 + 9) \times ((9 \times 9 - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1603 &:= 1 + (1 + (1 + (((1 + 1) \times ((1 + 1) \times (11 - 1)))^{1+1}))) \\
&:= 2 + ((2 \times (22 - 2))^2 + 2/2) \\
&:= (3 \times 3 + 3)^3 - ((3 - 3/3 + 3)^3) \\
&:= 4 + ((4 \times (444 - 44)) - 4/4) \\
&:= 5 + ((5 \times ((5 + 5) \times ((5 + 5)/5)^5)) - ((5 + 5)/5)) \\
&:= 6 + (((6 + 6) \times (66 \times (6 + 6) + 6)) + 6)/6 \\
&:= (77 \times (7 + 7 + 7)) - (7 + 7) \\
&:= 888 + (88/8 + 8 \times 88) \\
&:= 9/9 + ((9 + 9) \times ((9 \times 9 - 9/9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1604 &:= (1 + 1)^{11} - ((1 + 1) \times (1 + 1) \times 111) \\
&:= 2 + ((2 \times (22 - 2))^2 + 2) \\
&:= 3 + ((3 \times (3 \times (3^3 + 3))) + ((33/3)^3)) \\
&:= 4 + (4 \times (444 - 44)) \\
&:= 5 \times 5 + ((5 - 5/5)^5 + 555) \\
&:= (6 - ((6 + 6)/6)) \times ((6 \times 66 - 6/6) + 6) \\
&:= 7/7 + ((77 \times (7 + 7 + 7)) - (7 + 7)) \\
&:= 888 + (((88 + 8)/8) + 8 \times 88) \\
&:= (9 + 9)/9 + ((9 + 9) \times ((9 \times 9 - 9/9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1605 &:= (11 \times (1 + (1 + (1 + 11)^{1+1}))) - 1 \\
&:= 2 + (((2 \times (22 - 2))^2 + 2/2) + 2) \\
&:= 3333 - (3 \times 3 + 3)^3 \\
&:= 4 + ((4 \times (444 - 44)) + 4/4) \\
&:= 5 + (5 \times ((5 + 5) \times ((5 + 5)/5)^5)) \\
&:= 6 + ((6/6 + 6 + 6) \times ((666/6 + 6) + 6)) \\
&:= (77 \times (7 + 7 + 7)) - (77 + 7)/7 \\
&:= (8 - 8/8 + 8) \times ((88/8 + 88) + 8) \\
&:= 9 + ((9/9 + 9 + 9) \times (((9 + 9 + 9)/9) + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1606 &:= 11 \times (1 + (1 + (1 + 11)^{1+1})) \\
&:= 2 + ((2 \times (22 - 2))^2 + 2) + 2) \\
&:= 3 + ((3 \times 3 + 3)^3 - ((3 - 3/3 + 3)^3)) \\
&:= 4 + ((4 \times (444 - 44)) + (4 + 4)/4) \\
&:= 5 + ((5 \times ((5 + 5) \times ((5 + 5)/5)^5)) + 5/5) \\
&:= 6 + (((6 + 6)/6)^6 \times (6 \times 6 - 66/6)) \\
&:= (77 \times (7 + 7 + 7)) - 77/7 \\
&:= 8 + (8 \times (8 \times (8 + 8 + 8) + 8) - ((8 + 8)/8)) \\
&:= ((9/9 - 9) + 9 \times 9) \times ((99 + 99)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1607 &:= 1 + (11 \times (1 + (1 + (1 + 11)^{1+1}))) \\
&:= 2^{22/2} - ((22 - 2/2)^2) \\
&:= 33 + (3 \times 3 \times 3^3 + ((33/3)^3)) \\
&:= 4 + (((4 \times (444 - 44)) - 4/4) + 4) \\
&:= 5 + ((5 \times ((5 + 5) \times ((5 + 5)/5)^5)) + ((5 + 5)/5)) \\
&:= ((6 - ((6 + 6)/6)) \times (6 \times 66 + 6)) - 6/6 \\
&:= ((7 - 77)/7) + (77 \times (7 + 7 + 7)) \\
&:= 8 + (8 \times (8 \times (8 + 8 + 8) + 8) - 8/8) \\
&:= (9 \times (99 + 9 \times 9)) - ((99 + 9 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1608 &:= (1 + 11) \times (1 + (1 + (11 \times (1 + 11)))) \\
&:= 2 \times (2 \times ((22 - 2)^2 + 2)) \\
&:= (3^3 - 3) \times (((3/3 + 3)^3) + 3) \\
&:= 4 + ((4 \times (444 - 44)) + 4) \\
&:= 55 + (((5/5 + 5)^5 - (55/5)/5) \\
&:= (6 - ((6 + 6)/6)) \times (6 \times 66 + 6) \\
&:= (77 \times (7 + 7 + 7)) - ((7 + 7)/7 + 7) \\
&:= 8 + 8 \times (8 \times (8 + 8 + 8) + 8) \\
&:= (9 \times (99 + 9 \times 9)) - (99 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1609 &:= 1 + ((1 + 11) \times (1 + (1 + (11 \times (1 + 11)))))) \\
&:= 2/2 + (2 \times (2 \times ((22 - 2)^2 + 2))) \\
&:= (3^3 \times (3^3 + 33)) - 33/3 \\
&:= 4 + (((4 \times (444 - 44)) + 4/4) + 4) \\
&:= 5 + (((5 - 5/5)^5 + 555) + 5 \times 5) \\
&:= 6/6 + ((6 - ((6 + 6)/6)) \times (6 \times 66 + 6)) \\
&:= (77 \times (7 + 7 + 7)) - (7/7 + 7) \\
&:= 8 + (8 \times (8 \times (8 + 8 + 8) + 8) + 8/8) \\
&:= (9 \times (99 + 9 \times 9)) - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1610 &:= 1 + (1 + ((1 + 11) \times (1 + (1 + (11 \times (1 + 11)))))) \\
&:= 2 + (2 \times (2 \times ((22 - 2)^2 + 2))) \\
&:= (((3 \times (3 + 3))^3 - 3)/3) - 333 \\
&:= (4/4 + 4) \times (((4^4 + 4 + 4)/4) + 4^4) \\
&:= 5 \times (((5^5 - 5)/(5 + 5) + 5) + 5) \\
&:= (6 \times 6 - 6/6) \times (((66 - 6)/6) + 6 \times 6) \\
&:= (77 \times (7 + 7 + 7)) - 7 \\
&:= 8 + (8 \times (8 \times (8 + 8 + 8) + 8) + ((8 + 8)/8)) \\
&:= (9/9 + 9) \times (9 \times (9 + 9) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1611 &:= 11 + (((1 + 1) \times ((1 + 1) \times (11 - 1)))^{1+1}) \\
&:= 22/2 + (2 \times (22 - 2))^2 \\
&:= 3 \times ((3 \times (3 \times (3^3 + 33))) - 3) \\
&:= 44/4 + (4 \times (444 - 44)) \\
&:= 555/5 + (5 \times (5 \times (55 + 5))) \\
&:= (6 \times (6 \times 66 - 6)) - ((6 \times 6)/(6 + 6))^6) \\
&:= 7/7 + ((77 \times (7 + 7 + 7)) - 7) \\
&:= 88/8 + 8 \times (8 \times (8 + 8 + 8) + 8) \\
&:= (9 \times (99 + 9 \times 9)) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1612 &:= (1 + 1 + 11) \times (1 + (1 + (1 + 11)^{1+1})) \\
&:= 2 \times (2 \times ((22 - 2)^2 + 2) + 2) \\
&:= (((3 \times (3 + 3))^3 + 3)/3) - 333 \\
&:= (4 \times ((444 - 44) + 4)) - 4 \\
&:= 55 + ((5^5 - (55/5))/(5 + 5)/5) \\
&:= ((6 + 6)/6)^6 + 6 \times (6 \times (6 \times 6 + 6) + 6) \\
&:= ((7 + 7)/7) + ((77 \times (7 + 7 + 7)) - 7) \\
&:= 8 \times 8 \times 8 + ((8888 - 88)/8) \\
&:= 9/9 + ((9 \times (99 + 9 \times 9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1613 &:= 1 + ((1 + 1 + 11) \times (1 + (1 + (1 + 11)^{1+1}))) \\
&:= 2 + ((2 \times (22 - 2))^2 + 22/2) \\
&:= 3 + (((3 \times (3 + 3))^3 - 3)/3) - 333 \\
&:= 4/4 + ((4 \times ((444 - 44) + 4)) - 4) \\
&:= 55 + (((5^5 + 5/5)/(5 + 5)/5) - 5) \\
&:= 66 + 6 \times (6 \times (6 \times 6 + 6) + 6) - 6/6 \\
&:= 7 + ((77 \times (7 + 7 + 7)) - (77/7)) \\
&:= 88 + (8 \times 8 \times (8 + 8 + 8) - (88/8)) \\
&:= (9 + 9)/9 + ((9 \times (99 + 9 \times 9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1614 &:= ((1 + 11)^{1+1+1}) - (1 + 1 + 1 + 111) \\
&:= 2 + (2 \times (2 \times ((22 - 2)^2 + 2)) + 2) \\
&:= (3^3 \times (3^3 + 33)) - (3 + 3) \\
&:= (4 \times ((444 - 44) + 4)) - (4 + 4)/4 \\
&:= (5/5 + 5) \times (5 \times 55 - (5/5 + 5)) \\
&:= 66 + 6 \times (6 \times (6 \times 6 + 6) + 6) \\
&:= ((7 + 7 + 7)/7) \times (7 \times 77 - 7/7) \\
&:= 8 \times 8 \times 8 + ((8888 - 8)/8 - 8) \\
&:= (((9 + 9)/9)^9) + (9999/9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1615 &:= ((1 + 11)^{1+1+1}) - (1 + 1 + 111) \\
&:= 2 + (((2 \times (22 - 2))^2 + 22/2) + 2) \\
&:= 3 + (((3 \times (3 + 3))^3 + 3)/3) - 333 \\
&:= (4 \times ((444 - 44) + 4)) - 4/4 \\
&:= 5 \times (((5^5 + 5)/(5 + 5) + 5) + 5) \\
&:= 66 + 6 \times (6 \times (6 \times 6 + 6) + 6) + 6/6 \\
&:= (77 \times (7 + 7 + 7)) - (7 + 7)/7 \\
&:= 8 \times 8 \times 8 + (8888/8 - 8) \\
&:= ((9 - 99)/(9 + 9)) + (9 \times (99 + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1616 &:= ((1 + 11)^{1+1+1}) - (1 + 111) \\
&:= 2 \times (2 \times (((22 - 2)^2 + 2) + 2)) \\
&:= (3 \times 3 + 3)^3 - ((333 + 3)/3) \\
&:= 4 \times ((444 - 44) + 4) \\
&:= 5 + ((5 \times (5 \times (55 + 5))) + 555/5) \\
&:= (((6 + 6)/6)^{66/6}) - (6 \times (66 + 6)) \\
&:= (77 \times (7 + 7 + 7)) - 7/7 \\
&:= 8 + (8 \times (8 \times (8 + 8 + 8) + 8) + 8) \\
&:= ((9 + 9)/9) \times (9 \times (9 \times 9 + 9) - ((9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1617 &:= ((1 + 11)^{1+1+1}) - 111 \\
&:= 22 + ((2222/2) + 22^2) \\
&:= (3^3 \times (3^3 + 33)) - 3 \\
&:= 4/4 + (4 \times ((444 - 44) + 4)) \\
&:= 55 + ((5^5 - 5/5)/(5 + 5)/5) \\
&:= 66/6 \times (666/6 + 6 \times 6) \\
&:= 77 \times (7 + 7 + 7) \\
&:= 8 + ((8 \times (8 \times (8 + 8 + 8) + 8) + 8/8) + 8) \\
&:= (9 \times (99 + 9 \times 9)) - (9 + 9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1618 &:= 1 + (((1 + 11)^{1+1+1}) - 111) \\
&:= 2 + ((2 \times (22 - 2))^2 + 2^{2+2}) \\
&:= 3/3 + ((3^3 \times (3^3 + 33)) - 3) \\
&:= (4 + 4)/4 + (4 \times ((444 - 44) + 4)) \\
&:= 55 + ((5^5 + 5/5)/(5 + 5)/5) \\
&:= 6 \times (666 - 6 \times 66) - (6 + 6)/6 \\
&:= 7/7 + (77 \times (7 + 7 + 7)) \\
&:= 8 + ((8 \times (8 \times (8 + 8 + 8) + 8) + ((8 + 8)/8)) + 8) \\
&:= (9 \times (99 + 9 \times 9)) - (9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1619 &:= 1 + (1 + (((1 + 11)^{1+1+1}) - 111)) \\
&:= 22 + ((2 \times (22 - 2))^2 - (2/2 + 2)) \\
&:= (3^3 \times (3^3 + 33)) - 3/3 \\
&:= ((4 \times 4 + 4) \times (4 - 4/4)^4) - 4/4 \\
&:= (5 \times (5 \times (55 + 5 + 5))) - (5/5 + 5) \\
&:= 6 \times (666 - 6 \times 66) - 6/6 \\
&:= ((7 + 7)/7) + (77 \times (7 + 7 + 7)) \\
&:= 8 + (8 \times (8 \times (8 + 8 + 8) + 8) + (88/8)) \\
&:= (9 \times (99 + 9 \times 9)) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1620 &:= (1 + 1) \times ((11 - 1) \times (11 - 1 - 1)^{1+1}) \\
&:= 22 + ((2 \times (22 - 2))^2 - 2) \\
&:= 3^3 \times (3^3 + 33) \\
&:= (4 \times 4 + 4) \times (4 - 4/4)^4 \\
&:= (5/5 + 5) \times (5 \times 55 - 5) \\
&:= 6 \times (666 - 6 \times 66) \\
&:= ((7 + 7 + 7)/7) + (77 \times (7 + 7 + 7)) \\
&:= ((88 + 8)/8) \times ((8 \times (8 + 8) - 8/8) + 8) \\
&:= 9 \times (99 + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1621 &:= 1 + ((1+1) \times ((11-1) \times (11-1-1)^{1+1})) \\
&:= 22 + ((2 \times (22-2))^2 - 2/2) \\
&:= 3/3 + (3^3 \times (3^3 + 33)) \\
&:= 4/4 + ((4 \times 4 + 4) \times (4 - 4/4)^4) \\
&:= 5/5 + ((5/5 + 5) \times (5 \times 55 - 5)) \\
&:= 6/6 + 6 \times (666 - 6 \times 66) \\
&:= 77/7 + ((77 \times (7+7+7)) - 7) \\
&:= 8 \times 8 \times 8 + ((8888 - (8+8))/8) \\
&:= 9/9 + (9 \times (99+9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1622 &:= 1111 + ((1+1)^{11-1-1} - 1) \\
&:= 22 + (2 \times (22-2))^2 \\
&:= 3 + ((3^3 \times (3^3 + 33)) - 3/3) \\
&:= 4^4 + ((4444 - 4)/4 + 4^4) \\
&:= 5 + (((5^5 - 5/5)/(5+5)/5) + 55) \\
&:= (6+6)/6 + 6 \times (666 - 6 \times 66) \\
&:= 7 + ((77 \times (7+7+7)) - ((7+7)/7)) \\
&:= 8 \times 8 \times 8 + (8888 - 8)/8 \\
&:= (9+9)/9 + (9 \times (99+9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1623 &:= 1111 + (1+1)^{11-1-1} \\
&:= 22 + ((2 \times (22-2))^2 + 2/2) \\
&:= 3 + (3^3 \times (3^3 + 33)) \\
&:= 4^4 + (4444/4 + 4^4) \\
&:= (5 \times (5 \times (55+5+5))) - (5+5)/5 \\
&:= 666/6 + 6 \times 6 \times (6 \times 6 + 6) \\
&:= 7 + ((77 \times (7+7+7)) - 7/7) \\
&:= 8 \times 8 \times 8 + 8888/8 \\
&:= (((9+9)/9)^9) + 9999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1624 &:= 1 + (1111 + (1+1)^{11-1-1}) \\
&:= 2 + ((2 \times (22-2))^2 + 22) \\
&:= 3 + ((3^3 \times (3^3 + 33)) + 3/3) \\
&:= 4 + ((4 \times 4 + 4) \times (4 - 4/4)^4) \\
&:= (5 \times (5 \times (55+5+5))) - 5/5 \\
&:= 6 \times 6 \times (6 \times 6 + 6) + (666+6)/6 \\
&:= 7 + (77 \times (7+7+7)) \\
&:= 88 + 8 \times 8 \times (8+8+8) \\
&:= ((9+9)/9) \times (9 \times (9 \times 9 + 9)) + ((9+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1625 &:= 1 + (1 + (1111 + (1+1)^{11-1-1})) \\
&:= 2 + (((2 \times (22-2))^2 + 22) + 2/2) \\
&:= ((33/3)^3) + (3 \times 3 \times 33 - 3) \\
&:= 4 + (((4 \times 4 + 4) \times (4 - 4/4)^4) + 4/4) \\
&:= 5 \times (5 \times (55+5+5)) \\
&:= (6/6 - 66) \times ((66/6) - 6 \times 6) \\
&:= 7 + ((77 \times (7+7+7)) + 7/7) \\
&:= 8/8 + (8 \times 8 \times (8+8+8) + 88) \\
&:= (9 \times (99+9 \times 9)) + ((9 \times 9 + 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1626 &:= 1 + (1 + (1 + (1111 + (1+1)^{11-1-1}))) \\
&:= 2 + (((2 \times (22-2))^2 + 22) + 2) \\
&:= 3 + ((3^3 \times (3^3 + 33)) + 3) \\
&:= ((4+4)/4 + 4) \times ((44/4 + 4^4) + 4) \\
&:= 5/5 + (5 \times (5 \times (55+5+5))) \\
&:= 6 + 6 \times (666 - 6 \times 66) \\
&:= 7 + ((77 \times (7+7+7)) + ((7+7)/7)) \\
&:= 88 + (8 \times 8 \times (8+8+8) + ((8+8)/8)) \\
&:= 9 + ((9 \times (99+9 \times 9)) - ((9+9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1627 &:= 11 + (((1+11)^{1+1+1}) - (1+111)) \\
&:= (((2 \times 22) - 2/2)^2) - 222 \\
&:= 3 + (((3^3 \times (3^3 + 33)) + 3/3) + 3) \\
&:= 4 + ((4444/4 + 4^4) + 4^4) \\
&:= (5+5)/5 + (5 \times (5 \times (55+5+5))) \\
&:= 6 + (6 \times (666 - 6 \times 66) + 6/6) \\
&:= ((77-7)/7) + (77 \times (7+7+7)) \\
&:= ((88/8+8) \times (8/8+88)) - 8 \times 8 \\
&:= 9 + ((9 \times (99+9 \times 9)) - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1628 &:= 11 + (((1+11)^{1+1+1}) - 111) \\
&:= 22 \times (2 \times (2+2+2))^2 + 2) \\
&:= ((33/3)^3) + 3 \times 3 \times 33 \\
&:= 44 + (44 \times (4 \times (4+4) + 4)) \\
&:= 5 + ((5 \times (5 \times (55+5+5))) - ((5+5)/5)) \\
&:= 66/6 \times ((666+6)/6 + 6 \times 6) \\
&:= 77/7 + (77 \times (7+7+7)) \\
&:= 88/8 \times (888/(8 - (8+8)/8)) \\
&:= 9 + ((9 \times (99+9 \times 9)) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1629 &:= 1 + (11 + (((1+11)^{1+1+1}) - 111)) \\
&:= 2 + (((2 \times (22-2))^2 - 222) \\
&:= (3 \times 3 + 3)^3 - 3 \times 33 \\
&:= 4 \times (4^4 - 4) + ((4/4 + 4)^4 - 4) \\
&:= 5 + ((5 \times (5 \times (55+5+5))) - 5/5) \\
&:= 6 + (6 \times 6 \times (6 \times 6 + 6) + 666/6) \\
&:= (77+7)/7 + (77 \times (7+7+7)) \\
&:= (8/8+8) \times (8 \times (8+8+8) - (88/8)) \\
&:= 9 + (9 \times (99+9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1630 &:= (11-1) \times (1 + ((1+1) \times (11-1-1)^{1+1})) \\
&:= 2 + (22 \times (2 \times (2+2+2))^2 + 2) \\
&:= 3/3 + ((3 \times 3 + 3)^3 - 3 \times 33) \\
&:= 4 + (((4+4)/4 + 4) \times ((44/4 + 4^4) + 4)) \\
&:= 5 + (5 \times (5 \times (55+5+5))) \\
&:= 6 + (6 \times 6 \times (6 \times 6 + 6) + (666+6)/6) \\
&:= 7 + (((77 \times (7+7+7)) - 7/7) + 7) \\
&:= 8 + ((8888 - 8)/8 + 8 \times 8 \times 8) \\
&:= 9 + ((9 \times (99+9 \times 9)) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1631 &:= 1 + (11-1) \times (1 + (1+1) \times (11-1-1)^{1+1}) \\
&:= (((2 \times 22) + 2)^2) - (22^2 + 2/2) \\
&:= 3 + (((33/3)^3) + 3 \times 3 \times 33) \\
&:= 44 + (((44/4)^{4-4/4}) + 4^4) \\
&:= 5 + ((5 \times (5 \times (55+5+5))) + 5/5) \\
&:= 6 + ((6/6 - 66) \times ((66/6) - 6 \times 6)) \\
&:= 7 + ((77 \times (7+7+7)) + 7) \\
&:= 8 + (8888/8 + 8 \times 8 \times 8) \\
&:= 99/9 + (9 \times (99+9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1632 &:= (1+1) \times ((1+1)^{11} - (11 \times (1+11))) \\
&:= (((2 \times 22) + 2)^2) - 22^2 \\
&:= 3 + ((3 \times 3 + 3)^3 - 3 \times 33) \\
&:= 4 \times (((444 - 44) + 4) + 4) \\
&:= ((5+5)/5)^5 \times ((5/5 - 5) + 55) \\
&:= 6 + (6 \times (666 - 6 \times 66) + 6) \\
&:= 7 + (((77 \times (7+7+7)) + 7/7) + 7) \\
&:= (88+8) \times (8/8+8+8) \\
&:= ((99+9)/9) + (9 \times (99+9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1633 &:= (1+1+1+11)^{1+1+1} - 1111 \\
&:= 22 + ((2 \times (22-2))^2 + 22/2) \\
&:= ((3 \times (3 \times 33 \times 33)) - 3)/(3+3) \\
&:= 4 \times (4^4 - 4) + (4/4 + 4)^4 \\
&:= (5 - 5/5)^5 + (((5^5 - 55)/5) - 5) \\
&:= ((66/6+6) + 6) \times ((66 - 6/6) + 6) \\
&:= 7 + (((77 \times (7+7+7)) + ((7+7)/7)) + 7) \\
&:= 8/8 + ((88+8) \times (8/8+8+8)) \\
&:= (9 \times (99+9 \times 9)) + ((99+9+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1634 &:= 11 + (1111 + (1+1)^{11-1-1}) \\
&:= 2 + (((2 \times 22) + 2)^2) - 22^2 \\
&:= ((3 \times (3 \times 33 \times 33)) + 3)/(3+3) \\
&:= 4/4 + (4 \times (4^4 - 4) + (4/4 + 4)^4) \\
&:= 55 + ((5 - 5/5)^5 + 555) \\
&:= (((6+6)/6) + 6 \times 6) \times ((6 \times 6 + 6/6) + 6) \\
&:= 7 + ((77 \times (7+7+7)) + ((77-7)/7)) \\
&:= (88/8+8) \times (88 - ((8+8)/8)) \\
&:= 9 + ((9 \times (99+9 \times 9)) + ((9 \times 9 + 9)/(9+9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1635 &:= (111-1-1) \times (1+1+1+1+11) \\
&:= 22^2 + ((2 \times ((22+2)^2)) - 2/2) \\
&:= 3 \times (((3-3/3)^{3 \times 3}) + 33) \\
&:= (44/4 + 4) \times ((4^4 + 4)/4 + 44) \\
&:= 5 + ((5 \times (5 \times (55+5+5))) + 5) \\
&:= (6 - 6/6) \times (666/6 + 6 \times 6 \times 6) \\
&:= 7 + ((77 \times (7+7+7)) + (77/7)) \\
&:= 88 + (8 \times 8 \times (8+8+8) + (88/8)) \\
&:= 99 + (((9+9+9)/9) \times (((9+9)/9)^9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1636 &:= 1 + ((111 - 1 - 1) \times (1 + 1 + 1 + 1 + 11)) \\
&:= 22^2 + (2 \times ((22 + 2)^2)) \\
&:= 3 + (((3 \times (3 \times 33 \times 33)) - 3) / (3 + 3)) \\
&:= 44 \times 44 - (44 + 4^4) \\
&:= 55/5 + (5 \times (5 \times (55 + 5 + 5))) \\
&:= 6 \times 6 + (((6 + 6)/6)^6 \times (6 \times 6 - 66/6)) \\
&:= 7 + ((77 \times (7 + 7 + 7)) + (77 + 7)/7) \\
&:= 8 + (88/8 \times (888/(8 - (8 + 8)/8))) \\
&:= 9 + (((9 \times (99 + 9 \times 9)) - ((9 + 9)/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1637 &:= 1 + (1 + ((111 - 1 - 1) \times (1 + 1 + 1 + 1 + 11))) \\
&:= 2/2 + ((2 \times ((22 + 2)^2)) + 22^2) \\
&:= 333 + (((33/3)^3) - 3^3) \\
&:= 4 + (4 \times (4^4 - 4) + (4/4 + 4)^4) \\
&:= 5 + (((5 + 5)/5)^5 \times ((5/5 - 5) + 55)) \\
&:= 6 + (((6/6 - 66) \times ((66/6) - 6 \times 6)) + 6) \\
&:= ((7 + 7 + 7) \times (7/7 + 77)) - 7/7 \\
&:= ((8 + 8) \times (888/8 - 8)) - 88/8 \\
&:= 9 + (((9 \times (99 + 9 \times 9)) - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1638 &:= ((1 + 1) \times 11^{1+1+1}) - (1 + 1)^{11-1} \\
&:= 2 + ((2 \times ((22 + 2)^2)) + 22^2) \\
&:= 3 \times (((3 + 3)^3 - 3) + 333) \\
&:= 4^4 + ((44 \times (4^4 - 4) / (4 + 4)) - 4) \\
&:= (5/5 + 5) \times (5 \times 55 - ((5 + 5)/5)) \\
&:= (6/6 + 6) \times ((6 \times 6 \times 6 + 6 + 6) + 6) \\
&:= (7 + 7 + 7) \times (7/7 + 77) \\
&:= (8/8 - 8 \times 8) \times ((8 - 88)/8 - (8 + 8)) \\
&:= 9 + ((9 \times (99 + 9 \times 9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1639 &:= 11 \times (1 + (1 + (1 + (1 + (1 + (1 + 11)^{1+1})))))) \\
&:= (22 \times (22 + 2)) + 2222/2 \\
&:= 3/3 + ((3 \times 3 + 3)^3 + (3 \times (3 - 33))) \\
&:= (((4 - 4/4)^{4+4}) - (4/4 + 4)/4) \\
&:= (55 \times (5 \times 5 + 5)) - 55/5 \\
&:= 66/6 \times (((6 + 6) \times (6 + 6) - 6/6) + 6) \\
&:= 7/7 + ((7 + 7 + 7) \times (7/7 + 77)) \\
&:= 8 + ((8888/8 + 8 \times 8 \times 8) + 8) \\
&:= 9 + (((9 \times (99 + 9 \times 9)) + 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1640 &:= 1111 + (1 + 11 + 11)^{1+1} \\
&:= 2 \times (2 \times (22 - 2)^2 - 2 + 22) \\
&:= 3 + (((33/3)^3) - 3^3) + 333 \\
&:= (44 - 4) \times ((4/4 - 4) + 44) \\
&:= (55 \times (5 \times 5 + 5)) - 5 - 5 \\
&:= ((6 + 6)/6 + 6) \times (6 \times 6 \times 6 - (66/6)) \\
&:= (7/7 + 7) \times (((7 + 7)/7)^7 + 77) \\
&:= 8 + ((88 + 8) \times (8/8 + 8 + 8)) \\
&:= (99/9 + 9) \times (9/9 + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1641 &:= 1 + (1111 + (1 + 11 + 11)^{1+1}) \\
&:= (2 \times 22 - 2)^2 - ((22/2)^2 + 2) \\
&:= 3 + ((3 \times 3 + 3)^3 + (3 \times (3 - 33))) \\
&:= 4 \times 4^4 + ((4/4 + 4)^4 - (4 + 4)) \\
&:= 5/5 + ((55 \times (5 \times 5 + 5)) - (5 + 5)) \\
&:= 6 \times 6 \times 66 - (((6 \times 6 / (6 + 6))^6) + 6) \\
&:= (((7 + 7 + 7)/7)^7) - (7 \times 77 + 7) \\
&:= 8 + (((88 + 8) \times (8/8 + 8 + 8)) + 8/8) \\
&:= 9 + ((9 \times (99 + 9 \times 9)) + ((99 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1642 &:= 1 + (1 + (1111 + (1 + 11 + 11)^{1+1})) \\
&:= (2 \times 22) + ((2 \times (22 - 2))^2 - 2) \\
&:= 3 + (((3 \times 3 + 3)^3 + (3 \times (3 - 33))) + 3/3) \\
&:= 4^4 + (44 \times (4^4 - 4) / (4 + 4)) \\
&:= (5 + 5)/5 + ((55 \times (5 \times 5 + 5)) - (5 + 5)) \\
&:= 66 + (6 \times 6 \times (6 \times 6 + 6) + ((6 + 6)/6)^6) \\
&:= 7 + (((77 \times (7 + 7 + 7)) + (77/7)) + 7) \\
&:= 8 + ((88/8 + 8) \times (88 - ((8 + 8)/8))) \\
&:= ((9 + 9)/9) \times (9 \times (9 \times 9 + 9) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1643 &:= ((1 + 1)^{1+11}) - (11 \times (1 + (1 + 1) \times 111)) \\
&:= (2 \times 22 - 2)^2 - (22/2)^2 \\
&:= (3 \times 3 + 3)^3 - ((3 \times 3^3 + 3/3) + 3) \\
&:= (((4 - 4/4)^{4+4}) + 44/4)/4 \\
&:= (5 - 5/5)^5 + ((5^5 - 5)/5 - 5) \\
&:= (66 \times (6 \times 6 - 66/6)) - 6/6 - 6 \\
&:= 7 \times 77 + (7777/7 - 7) \\
&:= 88/8 + ((88 + 8) \times (8/8 + 8 + 8)) \\
&:= (9 \times (99 + 9 \times 9)) + ((99 + 99 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1644 &:= (1 + 11) \times (111 + ((1 + 1) \times (1 + 1 + 11))) \\
&:= 2 \times (2 \times (22 - 2)^2 + 22) \\
&:= (3 \times 3 + 3)^3 - (3 \times 3^3 + 3) \\
&:= 44 + (4 \times (444 - 44)) \\
&:= 5^5/5 + ((5 - 5/5)^5 - 5) \\
&:= (66 \times (6 \times 6 - 66/6)) - 6 \\
&:= 7 + (((7 + 7 + 7) \times (7/7 + 77)) - 7/7) \\
&:= ((88 + 8)/8) \times ((8 \times (8 + 8) + 8/8) + 8) \\
&:= 9 + (((9 + 9 + 9)/9) \times (((9 + 9)/9)^9)) + 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1645 &:= 1 + ((1 + 11) \times (111 + ((1 + 1) \times (1 + 1 + 11)))) \\
&:= 2 + ((2 \times 22 - 2)^2 - (22/2)^2) \\
&:= 3/3 + ((3 \times 3 + 3)^3 - (3 \times 3^3 + 3)) \\
&:= 4 \times 4^4 + ((4/4 + 4)^4 - 4) \\
&:= (55 \times (5 \times 5 + 5)) - 5 \\
&:= (6 \times 6 - 6/6) \times (66/6 + 6 \times 6) \\
&:= 7 + ((7 + 7 + 7) \times (7/7 + 77)) \\
&:= ((88/8 + 8) \times (88 - 8/8)) - 8 \\
&:= 999 + (9 \times (9 \times 9 - 9) - ((9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1646 &:= 11 + ((111 - 1 - 1) \times (1 + 1 + 1 + 1 + 11)) \\
&:= 2222 - ((22 + 2)^2) \\
&:= (3 \times 3 + 3)^3 - (3 \times 3^3 + 3/3) \\
&:= 4 + ((44 \times (4^4 - 4) / (4 + 4)) + 4^4) \\
&:= 5/5 + ((55 \times (5 \times 5 + 5)) - 5) \\
&:= (((6 + 6)/6)^{66/6}) - (6 \times 66 + 6) \\
&:= 7 + (((7 + 7 + 7) \times (7/7 + 77)) + 7/7) \\
&:= ((8 + 8)/8) \times (888 - (8/8 + 8 \times 8)) \\
&:= 999 + (9 \times (9 \times 9 - 9) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1647 &:= 111 + ((1 + 1 + 1) \times (1 + 1)^{11-1-1}) \\
&:= 2/2 + 2222 - (22 + 2)^2 \\
&:= 3 \times ((3 + 3)^3 + 333) \\
&:= (4 \times (444 - 4 \times (4 + 4))) - 4/4 \\
&:= (5 + 5)/5 + ((55 \times (5 \times 5 + 5)) - 5) \\
&:= 6 \times 6 \times 66 - ((6 \times 6 / (6 + 6))^6) \\
&:= 7 + ((7/7 + 7) \times (((7 + 7)/7)^7 + 77)) \\
&:= 888/8 + 8 \times 8 \times (8 + 8 + 8) \\
&:= 999 + 9 \times (9 \times 9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1648 &:= (1 + 1)^{11} - ((1 + 1) \times (11 - 1)^{11-1}) \\
&:= 2^{22/2} - (22 - 2)^2 \\
&:= 3/3 + (3 \times ((3 + 3)^3 + 333)) \\
&:= 4 \times (444 - 4 \times (4 + 4)) \\
&:= (5 - 5/5)^5 + (5^5 - 5)/5 \\
&:= ((6 + 6)/6)^6 + (66 \times ((6 + 6 + 6) + 6)) \\
&:= (((7 + 7 + 7)/7)^7) - 7 \times 77 \\
&:= (8 + 8) \times (888/8 - 8) \\
&:= 9/9 + (9 \times (9 \times 9 - 9) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1649 &:= ((111 - 1) \times (1 + 1 + 1 + 1 + 11)) - 1 \\
&:= 2/2 + (2^{22/2} - (22 - 2)^2) \\
&:= 3 + ((3 \times 3 + 3)^3 - (3 \times 3^3 + 3/3)) \\
&:= 4 \times 4^4 + (4/4 + 4)^4 \\
&:= 5^5/5 + (5 - 5/5)^5 \\
&:= (66 \times (6 \times 6 - 66/6)) - 6/6 \\
&:= 7 \times 77 + (7777 - 7)/7 \\
&:= 8/8 + ((8 + 8) \times (888/8 - 8)) \\
&:= 9 + ((99/9 + 9) \times (9/9 + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1650 &:= (111 - 1) \times (1 + 1 + 1 + 1 + 11) \\
&:= 2 + (2^{22/2} - (22 - 2)^2) \\
&:= 3 + (3 \times ((3 + 3)^3 + 333)) \\
&:= 4/4 + ((4/4 + 4)^4 + 4 \times 4^4) \\
&:= 55 \times (5 \times 5 + 5) \\
&:= 66 \times (6 \times 6 - 66/6) \\
&:= 7 \times 77 + 7777/7 \\
&:= (8 - 8/8 + 8) \times (888 - 8)/8 \\
&:= 999/9 + (9 \times (9 \times (9 + 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1651 &:= 1 + ((111 - 1) \times (1 + 1 + 1 + 1 + 11)) \\
&:= (22/2 + 2) \times ((2^{2 \times (2+2)} - 2)/2) \\
&:= 3 + ((3 \times ((3+3)^3 + 333)) + 3/3) \\
&:= 4 + ((4 \times (444 - 4 \times (4+4))) - 4/4) \\
&:= 5/5 + (55 \times (5 \times 5 + 5)) \\
&:= 6/6 + (66 \times (6 \times 6 - 66/6)) \\
&:= 7 \times 77 + (7777 + 7)/7 \\
&:= (88 + 8 + 8)/8 \times (8 \times (8 + 8) - 8/8) \\
&:= (9 \times (9 \times (9 + 9) + 9)) + ((999 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1652 &:= 1 + (1 + ((111 - 1) \times (1 + 1 + 1 + 1 + 11))) \\
&:= 2 \times ((2 \times ((22 - 2)^2 + 2)) + 22) \\
&:= 33 + ((3^3 \times (3^3 + 33)) - 3/3) \\
&:= 4 + (4 \times (444 - 4 \times (4 + 4))) \\
&:= (5 + 5)/5 + (55 \times (5 \times 5 + 5)) \\
&:= (((6 + 6)/6)^{66/6}) - 6 \times 66 \\
&:= (7 + 7) \times (777/7 + 7) \\
&:= ((8 + 8) \times (88 + 8 + 8)) - (88 + 8)/8 \\
&:= ((99/9) \times (9 \times (9 + 9) - (99/9))) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1653 &:= (1 + 1 + 1) \times (1 + ((1111 - 11)/(1 + 1))) \\
&:= (2 \times 22 - 2)^2 - 222/2 \\
&:= 33 + (3^3 \times (3^3 + 33)) \\
&:= 4 + ((4/4 + 4)^4 + 4 \times 4^4) \\
&:= 5 + ((5 - 5/5)^5 + (5^5 - 5)/5) \\
&:= 6 + (6 \times 6 \times 66 - ((6 \times 6)/(6 + 6))^6) \\
&:= 7/7 + ((7 + 7) \times (777/7 + 7)) \\
&:= (88/8 + 8) \times (88 - 8/8) \\
&:= (9/9 + 9 + 9) \times (99 - ((99 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1654 &:= (1 + 1) \times ((1 + 1)^{11} - 11 \times 111) \\
&:= (((2 \times 22) + 2) \times (2 + 2 + 2)^2) - 2 \\
&:= 3/3 + ((3^3 \times (3^3 + 33)) + 33) \\
&:= 4 + (((4/4 + 4)^4 + 4 \times 4^4) + 4/4) \\
&:= 5 + ((5 - 5/5)^5 + 5^5/5) \\
&:= (6 \times (6 \times 6 \times 6 - 6 + 66)) - (6 + 6)/6 \\
&:= ((7 + 7)/7) + ((7 + 7) \times (777/7 + 7)) \\
&:= 8/8 + ((88/8 + 8) \times (88 - 8/8)) \\
&:= ((9 + 9)/9) \times ((9 \times 9 \times 9 - 9/9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1655 &:= 1 + ((1 + 1) \times ((1 + 1)^{11} - 11 \times 111)) \\
&:= 2 + ((2 \times 22 - 2)^2 - 222/2) \\
&:= 333 + (((33/3)^3) - 3 \times 3) \\
&:= (4/4 + 4) \times (((44 + 4^4)/4) + 4^4) \\
&:= 5 + (55 \times (5 \times 5 + 5)) \\
&:= (6 \times (6 \times 6 \times 6 - 6 + 66)) - 6/6 \\
&:= 7 + (((7 + 7 + 7)/7)^7) - 7 \times 77 \\
&:= 888 + (8 \times (88 + 8) - 8/8) \\
&:= ((9 + 9) \times ((99/9) + 9 \times 9)) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1656 &:= (1 + 1) \times (1 + ((1 + 1)^{11} - 11 \times 111)) \\
&:= ((2 \times 22) + 2) \times (2 + 2 + 2)^2 \\
&:= 3 \times (((3 + 3)^3 + 333) + 3) \\
&:= 4 + ((4 \times (444 - 4 \times (4 + 4))) + 4) \\
&:= 5 + ((55 \times (5 \times 5 + 5)) + 5/5) \\
&:= 6 \times (6 \times 6 \times 6 - 6 + 66) \\
&:= 7 + ((7777 - 7)/7 + 7 \times 77) \\
&:= 888 + 8 \times (88 + 8) \\
&:= (9 + 9) \times ((99/9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1657 &:= ((1 + 1 + 1) \times ((1 + 1111)/(1 + 1))) - 11 \\
&:= 2/2 + (((2 \times 22) + 2) \times (2 + 2 + 2)^2) \\
&:= (3 \times 3 + 3)^3 + ((3 - (3 + 3)^3)/3) \\
&:= 4 + (((4/4 + 4)^4 + 4 \times 4^4) + 4) \\
&:= 5 + ((55 \times (5 \times 5 + 5)) + ((5 + 5)/5)) \\
&:= 6/6 + (6 \times (6 \times 6 \times 6 - 6 + 66)) \\
&:= 7 + (7777/7 + 7 \times 77) \\
&:= 8/8 + (8 \times (88 + 8) + 888) \\
&:= 9/9 + ((9 + 9) \times ((99/9) + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1658 &:= ((1 + 1 + 111)^{1+1}) - 11111 \\
&:= 2 + (((2 \times 22) + 2) \times (2 + 2 + 2)^2) \\
&:= 333 + (((33/3)^3) - (3 + 3)) \\
&:= 4 + (((4/4 + 4)^4 + 4 \times 4^4) + 4/4 + 4) \\
&:= 5 + (((5 - 5/5)^5 + (5^5 - 5)/5) + 5) \\
&:= 6 + (((6 + 6)/6)^{66/6}) - 6 \times 66 \\
&:= ((7/7 + 7 + 7) \times 777/7) - 7 \\
&:= 8 + ((8 - 8/8 + 8) \times (888 - 8)/8) \\
&:= 9 + (((99/9 + 9) \times (9/9 + 9 \times 9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1659 &:= (1 + 1 + 1) \times (((1111 - 1)/(1 + 1)) - (1 + 1)) \\
&:= ((2 \times (22 - 2) + 2/2)^2) - 22 \\
&:= 3 + ((3 \times (3 - 3^3)) + (3 \times 3 + 3)^3) \\
&:= 4^4 + (4 \times (4 + 4) \times 44 - (4/4 + 4)) \\
&:= 5 + (((5 - 5/5)^5 + 5^5/5) + 5) \\
&:= 666/6 + 6 \times 6 \times (6 \times 6 + 6 + 6) \\
&:= 7 + ((7 + 7) \times (777/7 + 7)) \\
&:= 88/8 + ((8 + 8) \times (888/8 - 8)) \\
&:= 9 + ((9 \times (9 \times (9 + 9) + 9)) + 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1660 &:= (11 - 1) \times (1 + (11 \times (1 + 1 + 1 + 1 + 11))) \\
&:= (22 - 2) \times (((2/2 + 2)^{2+2}) + 2) \\
&:= (3 - 3/3 + 3) \times (333 - 3/3) \\
&:= 4^4 + (4 \times (4 + 4) \times 44 - 4) \\
&:= 5 + ((55 \times (5 \times 5 + 5)) + 5) \\
&:= (6 - 6/6) \times (6 \times 66 - ((6 + 6)/6)^6) \\
&:= 7 + (((7 + 7) \times (777/7 + 7)) + 7/7) \\
&:= ((8 + 8) \times (88 + 8 + 8)) - (8/(8 + 8)/8) \\
&:= (99/9 + 9) \times (((9 + 9)/9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1661 &:= (((1 + 1 + 1) \times 1111) - 11)/(1 + 1) \\
&:= 2 + (((2 \times (22 - 2) + 2/2)^2) - 22) \\
&:= 333 + (((33/3)^3) - 3) \\
&:= 4 \times (4^4 + 4) + ((4/4 + 4)^4 - 4) \\
&:= 55/5 + (55 \times (5 \times 5 + 5)) \\
&:= 6 + ((6 \times (6 \times 6 \times 6 - 6 + 66)) - 6/6) \\
&:= 7 \times 77 + ((7777 + 77)/7) \\
&:= 8 + ((88/8 + 8) \times (88 - 8/8)) \\
&:= 99/9 \times (9 \times (9 + 9) - (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1662 &:= (1 + 1 + 1) \times (((1111 - 1)/(1 + 1)) - 1) \\
&:= (2/2 + 2) \times (((22 + 2)^2) - 22) \\
&:= (3 \times 3 + 3)^3 - (33 + 33) \\
&:= 4^4 + (4 \times (4 + 4) \times 44 - (4 + 4)/4) \\
&:= (5/5 + 5) \times (5 \times 55 + ((5 + 5)/5)) \\
&:= 6 + (6 \times (6 \times 6 \times 6 - 6 + 66)) \\
&:= 7 + (((7 + 7 + 7)/7)^7) - 7 \times 77 + 7) \\
&:= ((8 + 8) \times (88 + 8 + 8)) - (8 + 8)/8 \\
&:= (9 + 9) \times 99 - (999/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1663 &:= (111 \times (1 + 1 + 1 + 1 + 11)) - 1 - 1 \\
&:= ((22 + 2 + 2) \times 2^{2+2+2}) - 2/2 \\
&:= 333 + (((33/3)^3) - 3/3) \\
&:= 4^4 + (4 \times (4 + 4) \times 44 - 4/4) \\
&:= (((5 + 5 + 5) \times 555) - (5 + 5))/5 \\
&:= 6 + ((6 \times (6 \times 6 \times 6 - 6 + 66)) + 6/6) \\
&:= 77/7 + ((7 + 7) \times (777/7 + 7)) \\
&:= ((8 + 8) \times (88 + 8 + 8)) - 8/8 \\
&:= (9 + 9) \times 99 + (((9 - 999)/9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1664 &:= (111 \times (1 + 1 + 1 + 1 + 11)) - 1 \\
&:= (22 + 2 + 2) \times 2^{2+2+2} \\
&:= 333 + ((33/3)^3) \\
&:= 4 \times (4 \times (44 - 4) + 4^4) \\
&:= (((5 + 5 + 5) \times 555) - 5)/5 \\
&:= (6/6 + 6 + 6) \times (((6 + 6)/6)^{6/6+6}) \\
&:= (7 - 7/7 + 7) \times ((7 + 7)/7)^7 \\
&:= (8 + 8) \times (88 + 8 + 8) \\
&:= 9 + (((9 + 9) \times ((99/9) + 9 \times 9)) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1665 &:= 111 \times (1 + 1 + 1 + 1 + 11) \\
&:= 222/2 \times ((22/2 + 2) + 2) \\
&:= 333 \times (3 - 3/3 + 3) \\
&:= 4 \times (4^4 + 4) + (4/4 + 4)^4 \\
&:= (5 + 5 + 5) \times 555/5 \\
&:= (6 - 6/6) \times 666 \times 6/(6 + 6) \\
&:= (7/7 + 7 + 7) \times 777/7 \\
&:= 8/8 + ((8 + 8) \times (88 + 8 + 8)) \\
&:= 9 + ((9 + 9) \times ((99/9) + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1666 &:= 1 + (111 \times (1 + 1 + 1 + 1 + 11)) \\
&:= 2 + ((22 + 2 + 2) \times 2^{2+2+2}) \\
&:= ((3 \times 3333) - 3)/(3 + 3) \\
&:= 4 \times 444 + ((4 - 444)/4) \\
&:= 555 + 5555/5 \\
&:= 6 + ((6 - 6/6) \times (6 \times 66 - ((6 + 6)/6)^6)) \\
&:= 7 \times (777 - 7 \times 77) \\
&:= (8 + 8)/8 + ((8 + 8) \times (88 + 8 + 8)) \\
&:= (99 - 9/9) \times ((9 - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1667 &:= (1 + ((1 + 1 + 1) \times 1111))/(1 + 1) \\
&:= 2 + (222/2 \times ((22/2 + 2) + 2)) \\
&:= 3 + (((33/3)^3) + 333) \\
&:= 4 + ((4 \times (4 + 4) \times 44 - 4/4) + 4^4) \\
&:= 555 + (5555 + 5)/5 \\
&:= 66/6 + (6 \times (6 \times 6 \times 6 - 6 + 66)) \\
&:= 7/7 + ((77 \times (7 + 7 + 7)) + 7 \times 7) \\
&:= 888 + (8 \times (88 + 8) + (88/8)) \\
&:= 9/9 + ((99 - 9/9) \times ((9 - 9/9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1668 &:= (1 + 1 + 1) \times ((1 + 1111)/(1 + 1)) \\
&:= 2 \times ((22 \times ((2 + 2 + 2)^2 + 2)) - 2) \\
&:= 3 + (333 \times (3 - 3/3 + 3)) \\
&:= 4 + (4 \times (4 + 4) \times 44 + 4^4) \\
&:= (5 - (5 + 5)/5) \times (555 + 5/5) \\
&:= 6 + ((6 \times (6 \times 6 \times 6 - 6 + 66)) + 6) \\
&:= 7 \times 7 + ((77 \times (7 + 7 + 7)) + ((7 + 7)/7)) \\
&:= (8/(8 + 8)/8) + ((8 + 8) \times (88 + 8 + 8)) \\
&:= 99 + (9 \times 9 \times (9 + 9) + 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1669 &:= 1 + ((1 + 1 + 1) \times ((1 + 1111)/(1 + 1))) \\
&:= 2 + (222/2 \times ((22/2 + 2) + 2)) \\
&:= 3 + (((3 \times 3333) - 3)/(3 + 3)) \\
&:= 4 + (4 \times (4^4 + 4) + (4/4 + 4)^4) \\
&:= 5 + (((5 + 5 + 5) \times 555) - 5)/5 \\
&:= (((6 \times 6 - 6/6) + 6)^{(6+6)/6}) - 6 - 6 \\
&:= 7 + (((((7 + 7 + 7)/7)^7) - 7 \times 77) + 7) + 7 \\
&:= 8 + (((88/8 + 8) \times (88 - 8/8)) + 8) \\
&:= 9 + ((99/9 + 9) \times (((9 + 9)/9) + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1670 &:= (11 - 1) \times ((1 + 1 + 11)^{1+1} - (1 + 1)) \\
&:= (2 \times (22 \times ((2 + 2 + 2)^2 + 2))) - 2 \\
&:= 3 + (((33/3)^3) + 333) + 3 \\
&:= 4 + (((4 - 444)/4) + 4 \times 444) \\
&:= 5 + ((5 + 5 + 5) \times 555/5) \\
&:= 6 + ((6/6 + 6 + 6) \times (((6 + 6)/6)^{6/6+6})) \\
&:= 7 + (((7 + 7) \times (777/7 + 7)) + (77/7)) \\
&:= 88 \times (88/8 + 8) - (8 + 8)/8 \\
&:= (9 + 9) \times 99 - ((999 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1671 &:= (1 + 1 + 1) \times (1 + ((1 + 1111)/(1 + 1))) \\
&:= (2 \times (22 \times ((2 + 2 + 2)^2 + 2))) - 2/2 \\
&:= 3 + ((333 \times (3 - 3/3 + 3)) + 3) \\
&:= 44 \times 44 - (((4/4 + 4^4) + 4) + 4) \\
&:= 5 + (5555/5 + 555) \\
&:= 6 + ((6 - 6/6) \times 666 \times 6/(6 + 6)) \\
&:= 7 + ((7 - 7/7 + 7) \times ((7 + 7)/7)^7) \\
&:= 88 \times (88/8 + 8) - 8/8 \\
&:= (9 + 9) \times 99 - 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1672 &:= 11 \times ((11 \times (1 + (1 + 1 + 11))) - (1 + 1)) \\
&:= 2 \times (22 \times ((2 + 2 + 2)^2 + 2)) \\
&:= ((3 \times 3333) + 33)/(3 + 3) \\
&:= 44 \times (44 - ((4 + 4)/4 + 4)) \\
&:= 5 + ((5555 + 5)/5 + 555) \\
&:= 66/6 \times (6 \times 6 \times 6 - ((6 + 6)/6)^6) \\
&:= 7 + ((7/7 + 7 + 7) \times 777/7) \\
&:= 88 \times (88/8 + 8) \\
&:= 99/9 \times (9 \times (9 + 9) - (9/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1673 &:= 1 + (11 \times ((11 \times (1 + (1 + 1 + 11))) - (1 + 1))) \\
&:= 2/2 + (2 \times (22 \times ((2 + 2 + 2)^2 + 2))) \\
&:= 3 \times 3 + (((33/3)^3) + 333) \\
&:= 4 + ((4 \times (4^4 + 4) + (4/4 + 4)^4) + 4) \\
&:= 5 + ((5 - (5 + 5)/5) \times (555 + 5/5)) \\
&:= (6 \times (6 \times 66 - 6)) - (666 + 6/6) \\
&:= 7 + ((77 \times (7 + 7 + 7)) + 7 \times 7) \\
&:= 8/8 + 88 \times (88/8 + 8) \\
&:= (9 + 9) \times 99 - (9/9 + 99 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1674 &:= (1 + 1 + 1) \times (1 + (1 + ((1 + 1111)/(1 + 1)))) \\
&:= 2 + (2 \times (22 \times ((2 + 2 + 2)^2 + 2))) \\
&:= 3 \times (3 \times (((3 + 3)^3 - 33) + 3)) \\
&:= 44 \times 44 - (((4 + 4)/4 + 4^4) + 4) \\
&:= 5 \times 5 + ((5 - 5/5)^5 + 5^5/5) \\
&:= (6 \times (6 \times 66 - 6)) - 666 \\
&:= ((7 \times 7 - (7/7 + 7))^{(7+7)/7}) - 7 \\
&:= (8 + 8)/8 + 88 \times (88/8 + 8) \\
&:= (9 + 9) \times 99 - (99 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1675 &:= 11 + ((111 \times (1 + 1 + 1 + 1 + 11)) - 1) \\
&:= (((2 \times 22) + 2)^2) - ((22 - 2/2)^2) \\
&:= (3 \times 3^{3+3}) - ((3 - 3/3)^{3 \times 3}) \\
&:= 44 \times 44 - ((4/4 + 4^4) + 4) \\
&:= 5 \times ((5 \times 55 + 55) + 5) \\
&:= (66 + 6/6) \times (6 \times 6 - 66/6) \\
&:= (7 - ((7 + 7)/7)) \times (7 \times 7 \times 7 - (7/7 + 7)) \\
&:= 88/8 + ((8 + 8) \times (88 + 8 + 8)) \\
&:= 9 + ((99 - 9/9) \times ((9 - 9/9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1676 &:= 11 + (111 \times (1 + 1 + 1 + 1 + 11)) \\
&:= 2 \times ((22 \times ((2 + 2 + 2)^2 + 2)) + 2) \\
&:= 3 + (((33/3)^3) + 333) + 3 \times 3 \\
&:= 44 \times 44 - (4^4 + 4) \\
&:= 5 \times 5 + ((55 \times (5 \times 5 + 5)) + 5/5) \\
&:= 6/6 + ((66 + 6/6) \times (6 \times 6 - 66/6)) \\
&:= (77/7 \times ((77 - 7/7) + 77)) - 7 \\
&:= ((88 + 8)/8) + ((8 + 8) \times (88 + 8 + 8)) \\
&:= (9 + 9)/9 + ((9 + 9) \times 99 - (99 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1677 &:= 1 + (11 + (111 \times (1 + 1 + 1 + 1 + 11))) \\
&:= ((2 \times (22 - 2) + 2/2)^2) - 2 - 2 \\
&:= 3 + (3 \times (3 \times (((3 + 3)^3 - 33) + 3))) \\
&:= 4/4 + (44 \times 44 - (4^4 + 4)) \\
&:= 5 \times 5 + ((55 \times (5 \times 5 + 5)) + ((5 + 5)/5)) \\
&:= 6 + (((6 - 6/6) \times 666 \times 6/(6 + 6)) + 6) \\
&:= 7 \times 7 + ((77 \times (7 + 7 + 7)) + (77/7)) \\
&:= (88 + 8 + 8)/8 \times (8 \times (8 + 8) + 8/8) \\
&:= 9 + ((9 \times 9 \times (9 + 9) + 999/9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1678 &:= 11 + ((1 + ((1 + 1 + 1) \times 1111))/(1 + 1)) \\
&:= (2 \times 22)^2 - (2^{2 \times (2+2)} + 2) \\
&:= 3 + 3 \times 3^{3+3} - (3 - 3/3)^{3 \times 3} \\
&:= 44 \times 44 - ((4 + 4)/4 + 4^4) \\
&:= ((5/5 + 5) \times (5 \times 55 + 5)) - (5 + 5)/5 \\
&:= 6 + ((66/6) \times (6 \times 6 \times 6 - ((6 + 6)/6)^6)) \\
&:= 7 + (((7 - 7/7 + 7) \times ((7 + 7)/7)^7) + 7) \\
&:= 8 + (88 \times (88/8 + 8) - ((8 + 8)/8)) \\
&:= (9 \times (9 \times 9 - (9 + 9))) + 9999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1679 &:= ((11 - 1) \times (1 + 1 + 11)^{1+1}) - 11 \\
&:= ((2 \times (22 - 2) + 2/2)^2) - 2 \\
&:= (3^3 - 3/3 - 3) \times (((3 + 3)^3 + 3)/3) \\
&:= 44 \times 44 - (4/4 + 4^4) \\
&:= ((5/5 + 5) \times (5 \times 55 + 5)) - 5/5 \\
&:= ((66/6 + 6) + 6) \times (66 + 6/6 + 6) \\
&:= 7 + (((7/7 + 7 + 7) \times 777/7) + 7) \\
&:= 8 + (88 \times (88/8 + 8) - 8/8) \\
&:= 9 + ((9 + 9) \times 99 - ((999 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1680 &:= (11 - 1) \times ((1 + 1 + 11)^{1+1} - 1) \\
&:= 2 \times ((2 - 22) \times (2 - (2 \times 22))) \\
&:= (3^3 + 3/3) \times (3^3 + 33) \\
&:= 44 \times 44 - 4^4 \\
&:= (5/5 + 5) \times (5 \times 55 + 5) \\
&:= 6 \times (((6 + 6)/6)^6 + 6 \times 6 \times 6) \\
&:= (77 + 7) \times ((7 - 7/7 + 7) + 7) \\
&:= 8 + 88 \times (88/8 + 8) \\
&:= 9 + ((9 + 9) \times 99 - 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1681 &:= (1 + ((1 + 1) \times ((1 + 1) \times (11 - 1))))^{1+1} \\
&:= (2 \times (22 - 2) + 2/2)^2 \\
&:= ((33/3 + 3^3) + 3)^{3-3/3} \\
&:= 4/4 + (44 \times 44 - 4^4) \\
&:= 5/5 + ((5/5 + 5) \times (5 \times 55 + 5)) \\
&:= ((6 \times 6 - 6/6) + 6)^{(6+6)/6} \\
&:= (7 \times 7 - (7/7 + 7))^{(7+7)/7} \\
&:= 8 + (88 \times (88/8 + 8) + 8/8) \\
&:= (9 + 9) \times 99 - ((9 + 9)/9 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1682 &:= 1 + ((1 + ((1 + 1) \times ((1 + 1) \times (11 - 1))))^{1+1}) \\
&:= (((2 + 2 + 2)^2 + 22)^2)/2 \\
&:= (33 \times ((3^3 - 3) + 3^3)) - 3/3 \\
&:= (4 + 4)/4 + (44 \times 44 - 4^4) \\
&:= ((5 + 5)/5)^5 + (55 \times (5 \times 5 + 5)) \\
&:= 6/6 + (((6 \times 6 - 6/6) + 6)^{(6+6)/6}) \\
&:= 7/7 + ((7 \times 7 - (7/7 + 7))^{(7+7)/7}) \\
&:= 8 + (88 \times (88/8 + 8) + ((8 + 8)/8)) \\
&:= (9 + 9) \times 99 - (9/9 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1683 &:= 11 \times ((11 \times (1 + (1 + 1 + 11)))) - 1) \\
&:= 2 + ((2 \times (22 - 2) + 2/2)^2) \\
&:= 33 \times ((3^3 - 3) + 3^3) \\
&:= 4 + (44 \times 44 - (4/4 + 4^4)) \\
&:= 5 \times 5 \times 55 + ((5^5 + 5)/(5 + 5) - 5) \\
&:= 66/6 \times (666/6 + 6 \times 6 + 6) \\
&:= 77/7 \times ((77 - 7/7) + 77) \\
&:= 88/8 + 88 \times (88/8 + 8) \\
&:= 99 \times ((9 - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1684 &:= 1 + (11 \times ((11 \times (1 + (1 + 1 + 11)))) - 1)) \\
&:= 2 + (((2 + 2 + 2)^2 + 22)^2)/2 \\
&:= 3/3 + (33 \times ((3^3 - 3) + 3^3)) \\
&:= 4 + (44 \times 44 - 4^4) \\
&:= 5 + (((5/5 + 5) \times (5 \times 55 + 5)) - 5/5) \\
&:= (((6 + 6)/6)^{6+6}) - (6 \times (6 \times 66 + 6)) \\
&:= 7 + (((77 \times (7 + 7 + 7)) + (77/7)) + 7 \times 7) \\
&:= ((88 + 8)/8) + 88 \times (88/8 + 8) \\
&:= 9/9 + (99 \times ((9 - 9/9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1685 &:= (1 + 1)^{11} - (11 \times (11 \times (1 + 1 + 1))) \\
&:= 2 + (((2 \times (22 - 2) + 2/2)^2) + 2) \\
&:= 3 + ((33 \times ((3^3 - 3) + 3^3)) - 3/3) \\
&:= 4 + ((44 \times 44 - 4^4) + 4/4) \\
&:= 5 + ((5/5 + 5) \times (5 \times 55 + 5)) \\
&:= (6 \times (6 \times 6 \times 6 + 66)) - 6/6 - 6 \\
&:= (7 - ((7 + 7)/7)) \times ((7 \times 7 \times 7 - 7) + 7/7) \\
&:= 8 + ((88 + 8 + 8)/8 \times (8 \times (8 + 8) + 8/8)) \\
&:= (9 + 9)/9 + (99 \times ((9 - 9/9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1686 &:= 1 + ((1 + 1)^{11} - (11 \times (11 \times (1 + 1 + 1)))) \\
&:= (2 \times (2 \times ((22 - 2)^2 + 22))) - 2 \\
&:= 3 + (33 \times ((3^3 - 3) + 3^3)) \\
&:= 4 + ((44 \times 44 - 4^4) + (4 + 4)/4) \\
&:= (5/5 + 5) \times ((5 \times 55 + 5/5) + 5) \\
&:= (6 \times (6 \times 6 \times 6 + 66)) - 6 \\
&:= 77 + ((77 \times (7 + 7 + 7)) - (7/7 + 7)) \\
&:= 8 \times (8 \times 8 + 8) + (8888 - 8)/8 \\
&:= (9 + 9) \times 99 + (((9 + 9 + 9)/9) - 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1687 &:= 1111 + (((1 + 1) \times (1 + 11))^{1+1}) \\
&:= ((22 + 2)^2) + 2222/2 \\
&:= ((3 \times (3 \times 3 + 3 + 3)^3) - 3)/(3 + 3) \\
&:= 4 + ((44 \times 44 - (4/4 + 4^4)) + 4) \\
&:= 5 \times 5 \times 55 + (5^5 - 5)/(5 + 5) \\
&:= 6 + (((6 \times 6 - 6/6) + 6)^{(6+6)/6}) \\
&:= 77 + ((77 \times (7 + 7 + 7)) - 7) \\
&:= 8 \times (8 \times 8 + 8) + 8888/8 \\
&:= 9 + ((9 \times (9 \times 9 - (9 + 9))) + 9999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1688 &:= ((11 - 1) \times (1 + 1 + 11))^{1+1} - 1 - 1 \\
&:= 2 \times (2 \times ((22 - 2)^2 + 22)) \\
&:= ((3 \times (3 \times 3 + 3 + 3)^3) + 3)/(3 + 3) \\
&:= 4 + ((44 \times 44 - 4^4) + 4) \\
&:= 5 \times 5 \times 55 + (5^5 + 5)/(5 + 5) \\
&:= (6 + 6)/6 + ((6 \times (6 \times 6 \times 6 + 66)) - 6) \\
&:= 7 + ((7 \times 7 - (7/7 + 7))^{(7+7)/7}) \\
&:= 8 + (88 \times (88/8 + 8) + 8) \\
&:= (9 - 9/9) \times (((999 + 9)/9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1689 &:= ((11 - 1) \times (1 + 1 + 11))^{1+1} - 1 \\
&:= 2 + ((2222/2) + ((22 + 2)^2)) \\
&:= (3 \times 3 + 3)^3 - (33 + 3 + 3) \\
&:= 4 + (((44 \times 44 - 4^4) + 4/4) + 4) \\
&:= 5 \times 5 + (((5 + 5 + 5) \times 555) - 5/5) \\
&:= (6 - 6 \times 6) \times (6 - 66) - 666/6 \\
&:= (((7 + 7)/7) \times ((77 \times 77 + 7)/7)) - 7 \\
&:= 8 + ((88 \times (88/8 + 8) + 8/8) + 8) \\
&:= 9 + (((9 + 9) \times 99 - 999/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1690 &:= (11 - 1) \times (1 + 1 + 11)^{1+1} \\
&:= 2 + (2 \times (2 \times ((22 - 2)^2 + 22))) \\
&:= (3 \times 3 + 3)^3 - (33/3 + 3^3) \\
&:= 44 \times 44 + ((44 - 4)/4 - 4^4) \\
&:= 5 \times ((5^5 + 5)/(5 + 5) + 5 \times 5) \\
&:= (6 \times (6 \times 6 \times 6 + 66)) - (6 + 6)/6 \\
&:= 7 + (77/7 \times ((77 - 7/7) + 77)) \\
&:= (8/8 + 8 \times 8) \times (((8 + 8)/8) + 8) + 8 \\
&:= (9 + 9) \times 99 - ((99/9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1691 &:= 1 + ((11 - 1) \times (1 + 1 + 11))^{1+1} \\
&:= 2222 - (((22 + 2/2)^2) + 2) \\
&:= 3^3 + (((33/3)^3) + 333) \\
&:= 44/4 + (44 \times 44 - 4^4) \\
&:= 5 + ((5/5 + 5) \times ((5 \times 55 + 5/5) + 5)) \\
&:= (6 \times (6 \times 6 \times 6 + 66)) - 6/6 \\
&:= 77 + (((7 + 7 + 7)/7) \times (7 \times 77 - 7/7)) \\
&:= (88/8 + 8) \times (8/8 + 88) \\
&:= 9 + ((9 + 9) \times 99 - (9/9 + 99))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1692 &:= 1 + (1 + ((11 - 1) \times (1 + 1 + 11))^{1+1}) \\
&:= 2 \times ((2 \times ((22 - 2)^2 + 22)) + 2) \\
&:= (3 \times 3 + 3)^3 - (33 + 3) \\
&:= ((4 + 4) \times (4^4 - 44)) - 4 \\
&:= 5 + ((5^5 - 5)/(5 + 5) + 5 \times 5 \times 55) \\
&:= 6 \times (6 \times 6 \times 6 + 66) \\
&:= ((7 + 7)/7) \times ((77 \times 77 - 7)/7) \\
&:= 8/8 + ((88/8 + 8) \times (8/8 + 88)) \\
&:= 9 + (99 \times ((9 - 9/9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1693 &:= (11 \times (11 \times (1 + (1 + 1 + 11)))) - 1 \\
&:= 2222 - ((22 + 2/2)^2) \\
&:= 3/3 + ((3 \times 3 + 3)^3 - (33 + 3)) \\
&:= 44 + ((4/4 + 4^4) + 4 \times 4^4) \\
&:= 5 + ((5^5 + 5)/(5 + 5) + 5 \times 5 \times 55) \\
&:= 6/6 + (6 \times (6 \times 6 \times 6 + 66)) \\
&:= 77 + ((77 \times (7 + 7 + 7)) - 7/7) \\
&:= ((8 \times 8 - 8/8) \times (88/8 + 8 + 8)) - 8 \\
&:= 9 + ((99 \times ((9 - 9/9) + 9)) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1694 &:= 11 \times (11 \times (1 + (1 + 1 + 11))) \\
&:= (2^{2+2} - 2) \times (22/2)^2 \\
&:= (3 \times 3 + 3)^3 - 3/3 - 33 \\
&:= ((4 + 4) \times (4^4 - 44)) - (4 + 4)/4 \\
&:= 55 + (((5 \times 5 \times 5 + 5) - (55/5)) \\
&:= (6 + 6)/6 + (6 \times (6 \times 6 \times 6 + 66)) \\
&:= 77 + (77 \times (7 + 7 + 7)) \\
&:= 88/8 \times (((8 + 8)/8 + 88) + 8 \times 8) \\
&:= 99/9 + (99 \times ((9 - 9/9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1695 &:= 1 + (11 \times (11 \times (1 + (1 + 1 + 11)))) \\
&:= (2 \times 22)^2 + ((2 - 22^2)/2) \\
&:= (3 \times 3 + 3)^3 - 33 \\
&:= ((4 + 4)^4) - (((4 - 4/4) + 4)^4) \\
&:= 5^5 - (5 \times 5 \times 55 + 55) \\
&:= (6 - 6/6) \times (666 \times 6/(6 + 6) + 6) \\
&:= 7/7 + ((77 \times (7 + 7 + 7)) + 77) \\
&:= 8 + (8888/8 + 8 \times (8 \times 8 + 8)) \\
&:= (9 + 9) \times 99 + (((99 + 9)/9) - 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1696 &:= 1 + (1 + (11 \times (11 \times (1 + (1 + 1 + 11)))))) \\
&:= 2 + ((2^{2+2} - 2) \times (22/2)^2) \\
&:= 3/3 + ((3 \times 3 + 3)^3 - 33) \\
&:= (4 + 4) \times (4^4 - 44) \\
&:= (55/5 + 5) \times (555/5 - 5) \\
&:= 6 + ((6 \times (6 \times 6 \times 6 + 66)) - ((6 + 6)/6)) \\
&:= ((7 + 7)/7) \times ((77 \times 77 + 7)/7) \\
&:= 8 + ((88 \times (88/8 + 8) + 8) + 8) \\
&:= (9 - 9/9) \times (((999 + 9 + 9)/9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1697 &:= 1 + (1 + (1 + (11 \times (11 \times (1 + (1 + 1 + 11)))))) \\
&:= 2 + (((2 - 22^2)/2) + (2 \times 22)^2) \\
&:= 3 + ((3 \times 3 + 3)^3 - (3/3 + 33)) \\
&:= 4/4 + ((4 + 4) \times (4^4 - 44)) \\
&:= 5 + (((5^5 - 5)/(5 + 5) + 5 \times 5 \times 55) + 5) \\
&:= 6 + ((6 \times (6 \times 6 \times 6 + 66)) - 6/6) \\
&:= (7 \times (7 - 77)) + (((7 + 7 + 7)/7)^7) \\
&:= ((8 - 8/8)^{8 \times 8/(8+8)}) - 8 \times 88 \\
&:= 9 + ((9 - 9/9) \times (((999 + 9)/9) + 99))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1698 &:= (1 + 1 + 1) \times (11 + ((1111 - 1)/(1 + 1))) \\
&:= 2 + (((2^{2+2} - 2) \times (22/2)^2) + 2) \\
&:= 3 + ((3 \times 3 + 3)^3 - 33) \\
&:= (4 + 4)/4 + ((4 + 4) \times (4^4 - 44)) \\
&:= (5 - (5 + 5)/5) \times (555 + (55/5)) \\
&:= 6 + (6 \times (6 \times 6 \times 6 + 66)) \\
&:= (7 - 7/7) \times (7 \times (7 \times 7 - 7) - (77/7)) \\
&:= 8 + ((8/8 + 8 \times 8) \times (((8 + 8)/8) + 8) + 8) \\
&:= (9 + 9) \times 99 - (((9 + 9 + 9)/9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1699 &:= ((11 - 1) \times (1 + (1 + 1 + 11)^{1+1})) - 1 \\
&:= ((22 - 2/2) \times ((2/2 + 2)^{2+2})) - 2 \\
&:= 3 + (((3 \times 3 + 3)^3 - 33) + 3/3) \\
&:= 4 + (((4 + 4)^4) - (((4 - 4/4) + 4)^4)) \\
&:= 55 + (((5 - 5/5)^5 - 5) + 5^5/5) \\
&:= 6 + ((6 \times (6 \times 6 \times 6 + 66)) + 6/6) \\
&:= 7 \times (77 + 7) + 7777/7 \\
&:= 8 + ((88/8 + 8) \times (8/8 + 88)) \\
&:= (9 + 9) \times 99 - (((9 + 9)/9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1700 &:= (11 - 1) \times (1 + (1 + 1 + 11)^{1+1}) \\
&:= (2 \times 22 - 2)^2 - 2^{2+2+2} \\
&:= (3 \times 3 + 3)^3 - (3^3 + 3/3) \\
&:= 4 + ((4 + 4) \times (4^4 - 44)) \\
&:= 5 \times (((5 \times 55 + 55) + 5) + 5) \\
&:= 6 + ((6 \times (6 \times 6 \times 6 + 66)) + ((6 + 6)/6)) \\
&:= 7 + (((77 \times (7 + 7 + 7)) - 7/7) + 77) \\
&:= (8/8 + 8 + 8) \times (((88 + 8)/8) + 88) \\
&:= ((9 - 9/9) + 9) \times (9/9 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1701 &:= 1 + ((11 - 1) \times (1 + (1 + 1 + 11)^{1+1})) \\
&:= (22 - 2/2) \times ((2/2 + 2)^{2+2}) \\
&:= (3 \times 3 + 3)^3 - 3^3 \\
&:= 4 + (((4 + 4) \times (4^4 - 44)) + 4/4) \\
&:= ((5 + 5)/5 + 5) \times ((5 - (5 + 5)/5)^5) \\
&:= (6/6 + 6) \times ((6 \times 6/(6 + 6))^{6-6/6}) \\
&:= 7 + ((77 \times (7 + 7 + 7)) + 77) \\
&:= (8 \times 8 - 8/8) \times (88/8 + 8 + 8) \\
&:= 9 \times ((99 + 9 \times 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1702 &:= ((1 + 1 + 11) \times ((11 \times (1 + 11)) - 1)) - 1 \\
&:= 2 + ((2 \times 22 - 2)^2 - 2^{2+2+2}) \\
&:= 3/3 + ((3 \times 3 + 3)^3 - 3^3) \\
&:= 4 + (((4 + 4) \times (4^4 - 44)) + (4 + 4)/4) \\
&:= 55 + (((55 \times (5 \times 5 + 5)) - 5) + ((5 + 5)/5)) \\
&:= ((66 - 6)/6) + (6 \times (6 \times 6 \times 6 + 66)) \\
&:= 7 + (((77 \times (7 + 7 + 7)) + 77) + 7/7) \\
&:= ((88/8 + 8) \times ((8 + 8)/8 + 88)) - 8 \\
&:= 9/9 + (9 \times ((99 + 9 \times 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1703 &:= (1 + 1 + 11) \times ((11 \times (1 + 11)) - 1) \\
&:= 22 + ((2 \times (22 - 2) + 2/2)^2) \\
&:= 3 + ((3 \times 3 + 3)^3 - (3^3 + 3/3)) \\
&:= 4 + (((4 + 4)^4) - (((4 - 4/4) + 4)^4)) + 4) \\
&:= 55 + ((5 - 5/5)^5 + (5^5 - 5)/5) \\
&:= 66/6 + (6 \times (6 \times 6 \times 6 + 66)) \\
&:= 7 + (((7 + 7)/7) \times ((77 \times 77 + 7)/7)) \\
&:= 888 + (888/8 + 8 \times 88) \\
&:= (9 + 9)/9 + (9 \times ((99 + 9 \times 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1704 &:= (1 + 11) \times ((1 + 11)^{1+1} - (1 + 1)) \\
&:= 2 \times (2 \times ((2 \times (22 + 2)) - 22)) \\
&:= 3 + ((3 \times 3 + 3)^3 - 3^3) \\
&:= 4 + (((4 + 4) \times (4^4 - 44)) + 4) \\
&:= 55 + (((5 - 5/5)^5 + 5^5/5) \\
&:= 6 + 6 \times (6 \times 6 \times 6 + 66) + 6 \\
&:= (7 \times (7 \times (7 \times 7 - (7 + 7)))) - 77/7 \\
&:= (8 + 8 + 8) \times ((8 \times 8 - 8/8) + 8) \\
&:= (9 + 9) \times 99 + (((9 + 9 + 9)/9) - 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1705 &:= 11 \times (11 + (1 + 11)^{1+1}) \\
&:= 2 + (((2 \times (22 - 2) + 2/2)^2) + 22) \\
&:= 3 + (((3 \times 3 + 3)^3 - 3^3) + 3/3) \\
&:= 44/4 \times (444/4 + 44) \\
&:= 55 + (55 \times (5 \times 5 + 5)) \\
&:= 6 + 6 \times (6 \times 6 \times 6 + 66) + 6/6 + 6 \\
&:= 77/7 \times (7/7 + 77 + 77) \\
&:= 8/8 + ((8 + 8 + 8) \times ((8 \times 8 - 8/8) + 8)) \\
&:= 99/9 \times (((9 + 9)/9) - 9) + 9 \times (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1706 &:= 1 + (11 \times (11 + (1 + 11)^{1+1})) \\
&:= (2 \times (2 \times (22^2 - 2))) - 222 \\
&:= 33/3 + ((3 \times 3 + 3)^3 - 33) \\
&:= (44 - 4)/4 + ((4 + 4) \times (4^4 - 44)) \\
&:= 55 + ((55 \times (5 \times 5 + 5)) + 5/5) \\
&:= 6 + 6 \times (6 \times 6 \times 6 + 66) + (6 + 6)/6 + 6 \\
&:= 7 + (7777/7 + 7 \times (77 + 7)) \\
&:= (8 + 8)/8 + ((8 + 8 + 8) \times ((8 \times 8 - 8/8) + 8)) \\
&:= 9 \times 9 \times 9 + (999 - ((99 + 99)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1707 &:= 1 + (1 + (11 \times (11 + (1 + 11)^{1+1}))) \\
&:= 2 + (((2 \times (22 - 2) + 2/2)^2) + 22) + 2) \\
&:= 3 + (((3 \times 3 + 3)^3 - 3^3) + 3) \\
&:= 44/4 + ((4 + 4) \times (4^4 - 44)) \\
&:= 55 + ((55 \times (5 \times 5 + 5)) + ((5 + 5)/5)) \\
&:= 6 + (6/6 + 6) \times (6 \times 6/(6 + 6))^{6-6/6} \\
&:= (7 \times (7 \times (7 \times 7 - (7 + 7)))) - (7/7 + 7) \\
&:= 8 + (((88/8 + 8) \times (8/8 + 88)) + 8) \\
&:= 9 + ((9 + 9) \times 99 - (((9 + 9 + 9)/9) + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1708 &:= (1 + (1 + 1 + 11)) \times (1 + 11^{1+1}) \\
&:= 2 + ((2 \times (2 \times (22^2 - 2))) - 222) \\
&:= ((3/3 + 3) + 3) \times ((3^{3+3} + 3)/3) \\
&:= (4 \times (444 - 4 \times 4)) - 4 \\
&:= 5 + (((5 - 5/5)^5 + (5^5 - 5)/5) + 55) \\
&:= 6 \times 6 \times 66 - (666 + (6 + 6)/6) \\
&:= (7 \times (7 \times (7 \times 7 - (7 + 7)))) - 7 \\
&:= 8 + ((8/8 + 8 + 8) \times (((88 + 8)/8) + 88)) \\
&:= 9 + ((9 + 9) \times 99 - (((9 + 9)/9) + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1709 &:= 1 + (1 + 1 + 1 + 11) \times (1 + 11^{1+1}) \\
&:= 22^2 + (((22/2 + 22) + 2)^2) \\
&:= (3 \times 3 + 3)^3 - ((3 \times (3 + 3)) + 3/3) \\
&:= 4/4 + ((4 \times (444 - 4 \times 4)) - 4) \\
&:= 5 + (((5 - 5/5)^5 + 5^5/5) + 55) \\
&:= 6 \times 6 \times 66 - (666 + 6/6) \\
&:= 7/7 + ((7 \times (7 \times (7 \times 7 - (7 + 7)))) - 7) \\
&:= 8 + ((8 \times 8 - 8/8) \times (88/8 + 8 + 8)) \\
&:= 9 + (((9 - 9/9) + 9) \times (9/9 + 99))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1710 &:= (11 - 1) \times (1 + (1 + (1 + 1 + 11)^{1+1})) \\
&:= 2222 - (2^{(2/2+2)^2}) \\
&:= (3 \times 3 + 3)^3 - (3 \times (3 + 3)) \\
&:= 4 \times 444 - ((4^4 + 4 + 4)/4) \\
&:= 5 + ((55 \times (5 \times 5 + 5)) + 55) \\
&:= 6 \times 6 \times 66 - 666 \\
&:= (7 - ((7 + 7)/7)) \times (7 \times 7 \times 7 - 7/7) \\
&:= (88/8 + 8) \times ((8 + 8)/8 + 88) \\
&:= 9 + (9 \times ((99 + 9 \times 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1711 &:= 1 + ((11 - 1) \times (1 + (1 + (1 + 1 + 11)^{1+1}))) \\
&:= 222/2 + (2 \times (22 - 2))^2 \\
&:= 3/3 + ((3 \times 3 + 3)^3 - (3 \times (3 + 3))) \\
&:= 4 \times 444 - (4^4 + 4)/4 \\
&:= (5555 + 5^5)/5 - 5 \times 5 \\
&:= 6/6 + (6 \times 6 \times 66 - 666) \\
&:= 7 + ((7 \times (7 \times (7 \times 7 - (7 + 7)))) - (77/7)) \\
&:= 88 + (8888/8 + 8 \times 8 \times 8) \\
&:= 9 + ((9 \times ((99 + 9 \times 9) + 9)) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1712 &:= (1 + 1)^{11} - ((1 + 1 + 1) \times (1 + 111)) \\
&:= (2 \times 22)^2 - (222 + 2) \\
&:= 33/3 + ((3 \times 3 + 3)^3 - 3^3) \\
&:= 4 \times (444 - 4 \times 4) \\
&:= (55/5 + 5) \times ((555 + 5)/5 - 5) \\
&:= (6 + 6)/6 + (6 \times 6 \times 66 - 666) \\
&:= 7 + (77/7 \times (7/7 + 77 + 77)) \\
&:= (8 + 8) \times ((88/8 + 88) + 8) \\
&:= 99/9 + (9 \times ((99 + 9 \times 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1713 &:= 1 + ((1 + 1)^{11} - ((1 + 1 + 1) \times (1 + 111))) \\
&:= (2 \times 22)^2 - (222 + 2/2) \\
&:= 3 + ((3 \times 3 + 3)^3 - (3 \times (3 + 3))) \\
&:= 4/4 + (4 \times (444 - 4 \times 4)) \\
&:= (5 - (5 + 5)/5) \times ((5^5 + 5)/5 - 55) \\
&:= 66 + (6 \times 6 \times 66 - ((6 \times 6)/(6 + 6))^6) \\
&:= (7 \times (7 \times (7 \times 7 - (7 + 7)))) - (7 + 7)/7 \\
&:= 8/8 + ((888 - 8 \times 8) + 888) \\
&:= (9 + 9) \times 99 + (((99 + 9)/9) - 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1714 &:= (1 + 1)^{11} - (1 + (1 + 1 + 1) \times 111) \\
&:= (2 \times 22)^2 - 222 \\
&:= (3 \times 3 + 3)^3 - (33/3 + 3) \\
&:= (4 + 4)/4 + (4 \times (444 - 4 \times 4)) \\
&:= 5^5 - (5 \times (5 \times 55 + 5) + (55/5)) \\
&:= (((6 + 6)/6)^{6+6}) - (6 \times 6 \times 66 + 6) \\
&:= (7 \times (7 \times (7 \times 7 - (7 + 7)))) - 7/7 \\
&:= (((8 + 8)/8) \times (888 + 8/8)) - 8 \times 8 \\
&:= 9 \times 9 \times (9 + 9) + (((9 + 9)/9)^{9-9/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1715 &:= (1 + 1)^{11} - (1 + 1 + 1) \times 111 \\
&:= 2/2 + ((2 \times 22)^2 - 222) \\
&:= ((3 - 33)/3) + ((3 \times 3 + 3)^3 - 3) \\
&:= 4 + (4 \times 444 - (4^4 + 4)/4) \\
&:= 5 + (((55 \times (5 \times 5 + 5)) + 55) + 5) \\
&:= 6 + (6 \times 6 \times 66 - (666 + 6/6)) \\
&:= 7 \times (7 \times (7 \times 7 - (7 + 7))) \\
&:= (8 - 8/8) \times ((8 + 8) \times (8 + 8) - (88/8)) \\
&:= 9 \times 9 \times 9 + (999 - ((99 + 9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1716 &:= 11 \times ((1 + 11) \times (1 + 1 + 11)) \\
&:= 2 + ((2 \times 22)^2 - 222) \\
&:= (3 \times 3 + 3)^3 - (3 \times 3 + 3) \\
&:= 4 + (4 \times (444 - 4 \times 4)) \\
&:= (5/5 + 5) \times (5 \times 55 + (55/5)) \\
&:= 6 + (6 \times 6 \times 66 - 666) \\
&:= 7/7 + (7 \times (7 \times (7 \times 7 - (7 + 7)))) \\
&:= 8 \times (8 \times (8 + 8) + 88) - (88 + 8)/8 \\
&:= 9 \times 9 \times 9 + (999 - ((99 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1717 &:= ((1 + 11)^{1+1+1}) - 11 \\
&:= 2 + (((2 \times 22)^2 - 222) + 2/2) \\
&:= (3 \times 3 + 3)^3 - 33/3 \\
&:= 4 + ((4 \times (444 - 4 \times 4)) + 4/4) \\
&:= ((55 \times 55 + 5555) + 5)/5 \\
&:= (6 \times 6 \times (6 \times 6 + 6 + 6)) - 66/6 \\
&:= ((7 + 7)/7) + (7 \times (7 \times (7 \times 7 - (7 + 7)))) \\
&:= 8 \times (8 \times (8 + 8) + 88) - 88/8 \\
&:= 9 \times 9 \times 9 + (999 - (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1718 &:= 1 + (((1 + 11)^{1+1+1}) - 11) \\
&:= 2 + (((2 \times 22)^2 - 222) + 2) \\
&:= ((3 - 33)/3) + (3 \times 3 + 3)^3 \\
&:= 4 + ((4 \times (444 - 4 \times 4)) + (4 + 4)/4) \\
&:= 5^5 - (5 \times 5 \times 55 + ((5 + 5)/5)^5) \\
&:= ((6 - 66)/6) + (6 \times 6 \times (6 \times 6 + 6 + 6)) \\
&:= ((7 + 7 + 7)/7) + (7 \times (7 \times (7 \times 7 - (7 + 7)))) \\
&:= 8 + ((88/8 + 8) \times ((8 + 8)/8 + 88)) \\
&:= 99 + ((9 \times (99 + 9 \times 9)) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1719 &:= 1 + (1 + (((1 + 11)^{1+1+1}) - 11)) \\
&:= (2/2 + 2) \times (((22 + 2)^2) - (2/2 + 2)) \\
&:= (3 \times 3 + 3)^3 - 3 \times 3 \\
&:= ((44 - 4) \times (44 - 4/4)) - 4/4 \\
&:= 55 + (((5 + 5 + 5) \times 555) - 5)/5 \\
&:= (((6 - 66) + 6)/6) + (6 \times 6 \times (6 \times 6 + 6 + 6)) \\
&:= 77/7 + ((7 \times (7 \times (7 \times 7 - (7 + 7)))) - 7) \\
&:= (8/8 + 8) \times (8 \times (8 + 8 + 8) - 8/8) \\
&:= 99 + (9 \times (99 + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1720 &:= 1 + (1 + (1 + (((1 + 11)^{1+1+1}) - 11))) \\
&:= (2 - 22) \times (2 - 2 \times 2 \times 22) \\
&:= 3 + ((3 \times 3 + 3)^3 - 33/3) \\
&:= (44 - 4) \times (44 - 4/4) \\
&:= 5^5 - (5 \times (5 \times 55 + 5) + 5) \\
&:= ((6 + 6)/6 + 6) \times (6 \times 6 \times 6 - 6/6) \\
&:= (7 - ((7 + 7)/7)) \times (7 \times 7 \times 7 + 7/7) \\
&:= 8 \times (8 \times (8 + 8) + 88) - 8 \\
&:= 9/9 + ((9 \times (99 + 9 \times 9)) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1721 &:= 1 + (1 + (1 + (1 + (((1 + 11)^{1+1+1}) - 11)))) \\
&:= (22/2)^2 + (2 \times (22 - 2))^2 \\
&:= (3 \times 3 + 3)^3 - ((3/3 + 3) + 3) \\
&:= 4/4 + ((44 - 4) \times (44 - 4/4)) \\
&:= 5 + ((5/5 + 5) \times (5 \times 55 + (55/5))) \\
&:= (6 \times 6 \times (6 \times 6 + 6 + 6)) - 6/6 - 6 \\
&:= 7 + ((7 \times (7 \times (7 \times 7 - (7 + 7)))) - 7/7) \\
&:= 8/8 + (8 \times (8 \times (8 + 8) + 88) - 8) \\
&:= 9 + ((9 \times ((99 + 9 \times 9) + 9)) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1722 &:= (1 + (1 + 1 + 11)) \times (1 + (1 + 11^{1+1})) \\
&:= (2/2 + 2) \times (((22 + 2)^2) - 2) \\
&:= (3 \times 3 + 3)^3 - (3 + 3) \\
&:= (4 + 4)/4 + ((44 - 4) \times (44 - 4/4)) \\
&:= (5/5 + 5) \times (((55 + 5)/5) + 5 \times 55) \\
&:= (6 \times 6 \times (6 \times 6 + 6 + 6)) - 6 \\
&:= 7 + (7 \times (7 \times (7 \times 7 - (7 + 7)))) \\
&:= (8 + 8)/8 + (8 \times (8 \times (8 + 8) + 88) - 8) \\
&:= (9/9 + 9 \times 9) \times (((99 + 9)/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1723 &:= ((1 + 11)^{1+1+1}) - 1 - 1 - 1 - 1 - 1 \\
&:= 2 + ((2 \times (22 - 2))^2 + (22/2)^2) \\
&:= 3/3 + ((3 \times 3 + 3)^3 - (3 + 3)) \\
&:= 44/4 + (4 \times (444 - 4 \times 4)) \\
&:= (((55 + 5)/5)^{5-(5+5)/5}) - 5 \\
&:= 6/6 + ((6 \times 6 \times (6 \times 6 + 6 + 6)) - 6) \\
&:= 7 + ((7 \times (7 \times (7 \times 7 - (7 + 7)))) + 7/7) \\
&:= 8 + ((8 - 8/8) \times ((8 + 8) \times (8 + 8) - (88/8))) \\
&:= 9 + (((9 + 9)/9)^{9-9/9}) + 9 \times 9 \times (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1724 &:= ((1 + 11)^{1+1+1}) - 1 - 1 - 1 - 1 \\
&:= 2 + ((2/2 + 2) \times (((22 + 2)^2) - 2)) \\
&:= (3 \times 3 + 3)^3 - (3/3 + 3) \\
&:= (4 \times (4 \times 44 + 4^4)) - 4 \\
&:= 5^5 - (5 \times (5 \times 55 + 5) + 5/5) \\
&:= (6 + 6)/6 + ((6 \times 6 \times (6 \times 6 + 6 + 6)) - 6) \\
&:= 7 + ((7 \times (7 \times (7 \times 7 - (7 + 7)))) + ((7 + 7)/7)) \\
&:= 8 \times (8 \times (8 + 8) + 88) - (8/(8 + 8)/8) \\
&:= (((9 + 9)/9)^{99/9}) - (9 + 9) \times (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1725 &:= ((1 + 11)^{1+1+1}) - 1 - 1 - 1 \\
&:= (2/2 + 2) \times (((22 + 2)^2) - 2/2) \\
&:= (3 \times 3 + 3)^3 - 3 \\
&:= 4/4 + ((4 \times (4 \times 44 + 4^4)) - 4) \\
&:= 5^5 - 5 \times (5 \times 55 + 5) \\
&:= (6 \times 6 \times (6 \times 6 + 6 + 6)) - 6 \times 6/(6 + 6) \\
&:= 77 + (((7 + 7 + 7)/7)^7) - 7 \times 77 \\
&:= 8 + (8 \times (8 \times (8 + 8) + 88) - (88/8)) \\
&:= 9 \times 9 \times 9 + (999 - ((9 + 9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1726 &:= ((1+11)^{1+1+1}) - 1 - 1 \\
&:= ((2/2+2) \times ((22+2)^2)) - 2 \\
&:= 3/3 + ((3 \times 3 + 3)^3 - 3) \\
&:= (4 \times (4 \times 44 + 4^4)) - (4+4)/4 \\
&:= 5^5 + (5/5 - 5 \times (5 \times 55 + 5)) \\
&:= (6 \times 6 \times (6 \times 6 + 6 + 6)) - (6+6)/6 \\
&:= 77/7 + (7 \times (7 \times (7 \times 7 - (7+7)))) \\
&:= 8 \times (8 \times (8+8) + 88) - (8+8)/8 \\
&:= 9 \times 9 \times 9 + (999 - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1727 &:= ((1+11)^{1+1+1}) - 1 \\
&:= ((2/2+2) \times ((22+2)^2)) - 2/2 \\
&:= (3 \times 3 + 3)^3 - 3/3 \\
&:= (4 \times (4 \times 44 + 4^4)) - 4/4 \\
&:= 5^5 + ((5+5)/5 - 5 \times (5 \times 55 + 5)) \\
&:= (6 \times 6 \times (6 \times 6 + 6 + 6)) - 6/6 \\
&:= 7 + ((7 - ((7+7)/7)) \times (7 \times 7 \times 7 + 7/7)) \\
&:= 8 \times (8 \times (8+8) + 88) - 8/8 \\
&:= 9 \times 9 \times 9 + (999 - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1728 &:= (1+11)^{1+1+1} \\
&:= (2/2+2) \times ((22+2)^2) \\
&:= (3 \times 3 + 3)^3 \\
&:= 4 \times (4 \times 44 + 4^4) \\
&:= ((55+5)/5)^{5-(5+5)/5} \\
&:= 6 \times 6 \times (6 \times 6 + 6 + 6) \\
&:= ((77+7)/7)^{(7+7+7)/7} \\
&:= 8 \times (8 \times (8+8) + 88) \\
&:= 9 \times 9 \times 9 + 999
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1729 &:= 1 + ((1+11)^{1+1+1}) \\
&:= 2/2 + ((2/2+2) \times ((22+2)^2)) \\
&:= 3/3 + (3 \times 3 + 3)^3 \\
&:= 4/4 + (4 \times (4 \times 44 + 4^4)) \\
&:= 5 + (55 \times (5 \times 5 - 5) + (5^5 - 5)/5) \\
&:= 6/6 + (6 \times 6 \times (6 \times 6 + 6 + 6)) \\
&:= 7 + ((7 \times (7 \times (7 \times 7 - (7+7)))) + 7) \\
&:= 8/8 + 8 \times (8 \times (8+8) + 88) \\
&:= 9/9 + (9 \times 9 \times 9 + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1730 &:= 1 + (1 + ((1+11)^{1+1+1})) \\
&:= 2 + ((2/2+2) \times ((22+2)^2)) \\
&:= 3 + ((3 \times 3 + 3)^3 - 3/3) \\
&:= (4+4)/4 + (4 \times (4 \times 44 + 4^4)) \\
&:= 5 + (5^5 - 5 \times (5 \times 55 + 5)) \\
&:= (6+6)/6 + (6 \times 6 \times (6 \times 6 + 6 + 6)) \\
&:= 7 + (((7 \times (7 \times (7 \times 7 - (7+7)))) + 7/7) + 7) \\
&:= (8+8)/8 + 8 \times (8 \times (8+8) + 88) \\
&:= 9 \times 9 \times 9 + (((9+9)/9) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1731 &:= 1 + (1 + (1 + ((1+11)^{1+1+1}))) \\
&:= (2/2+2) \times (((22+2)^2) + 2/2) \\
&:= 3 + (3 \times 3 + 3)^3 \\
&:= 4 \times 444 - (44 + 4/4) \\
&:= (5555 + 5^5)/5 - 5 \\
&:= (6 \times 6/(6+6)) + (6 \times 6 \times (6 \times 6 + 6 + 6)) \\
&:= 7 + (((7 \times (7 \times (7 \times 7 - (7+7)))) + ((7+7)/7)) + 7) \\
&:= 88/8 + (8 \times (8 \times (8+8) + 88) - 8) \\
&:= 999/9 + (9 \times (99 + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1732 &:= 1 + (1 + (1 + (1 + ((1+11)^{1+1+1})))) \\
&:= 2 \times ((2 \times 2 \times 222) - 22) \\
&:= 3 + ((3 \times 3 + 3)^3 + 3/3) \\
&:= 4 \times 444 - 44 \\
&:= (((5555 + 5^5) + 5)/5) - 5 \\
&:= 6 + ((6 \times 6 \times (6 \times 6 + 6 + 6)) - ((6+6)/6)) \\
&:= 7 + (((((7+7+7)/7)^7) - 7 \times 77) + 77) \\
&:= (8/((8+8)/8)) + 8 \times (8 \times (8+8) + 88) \\
&:= (9+9) \times 99 - ((9 \times 99 + 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1733 &:= 1 + (1 + (1 + (1 + (1 + ((1+11)^{1+1+1})))))) \\
&:= 2 + ((2/2+2) \times (((22+2)^2) + 2/2)) \\
&:= 3 + (((3 \times 3 + 3)^3 - 3/3) + 3) \\
&:= 4/4 + (4 \times 444 - 44) \\
&:= 5 + (((55+5)/5)^{5-(5+5)/5}) \\
&:= 6 + ((6 \times 6 \times (6 \times 6 + 6 + 6)) - 6/6) \\
&:= 7 + ((7 \times (7 \times (7 \times 7 - (7+7)))) + (77/7)) \\
&:= 8 \times 8 \times 8 + 88/8 \times 888/8 \\
&:= (9+9) \times 99 + ((9-9 \times 99)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1734 &:= ((1+1) \times (1+1+1)) + ((1+11)^{1+1+1}) \\
&:= (2/2+2) \times (((22+2)^2) + 2) \\
&:= 3 + ((3 \times 3 + 3)^3 + 3) \\
&:= (4+4)/4 + (4 \times 444 - 44) \\
&:= ((5555 - (5+5)) + 5^5)/5 \\
&:= 6 + (6 \times 6 \times (6 \times 6 + 6 + 6)) \\
&:= (7 \times (7 \times 7 \times 7 - 77)) - ((7+7)/7)^7 \\
&:= 8 + (8 \times (8 \times (8+8) + 88) - ((8+8)/8)) \\
&:= ((9-9/9) + 9) \times (999/9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1735 &:= 1 + (((1+1) \times (1+1+1)) + ((1+11)^{1+1+1})) \\
&:= 2/2 + ((2/2+2) \times (((22+2)^2) + 2)) \\
&:= 3 + (((3 \times 3 + 3)^3 + 3/3) + 3) \\
&:= 4 + 4 \times 444 - (44 + 4/4) \\
&:= (55 \times ((5+5)/5)^5) - 5 \times 5 \\
&:= 6 + ((6 \times 6 \times (6 \times 6 + 6 + 6)) + 6/6) \\
&:= 7 + (((77+7)/7)^{(7+7+7)/7}) \\
&:= 8 + (8 \times (8 \times (8+8) + 88) - 8/8) \\
&:= 9 + ((9 \times 9 \times 9 - ((9+9)/9)) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1736 &:= 11 + (((1+11)^{1+1+1}) - (1+1+1)) \\
&:= 2222 - (22^2 + 2) \\
&:= 3 \times 3 + ((3 \times 3 + 3)^3 - 3/3) \\
&:= 4 + (4 \times 444 - 44) \\
&:= (5555 + 5^5)/5 \\
&:= ((6+6)/6 + 6) \times (6 \times 6 \times 6 + 6/6) \\
&:= 7 + (((7 \times (7 \times (7 \times 7 - (7+7)))) + 7) + 7) \\
&:= 8 + 8 \times (8 \times (8+8) + 88) \\
&:= 9 + ((999 - 9/9) + 9 \times 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1737 &:= 11 + (((1+11)^{1+1+1}) - (1+1)) \\
&:= 2222 - (22^2 + 2/2) \\
&:= 3 \times 3 + (3 \times 3 + 3)^3 \\
&:= 4 + ((4 \times 444 - 44) + 4/4) \\
&:= ((5555 + 5^5) + 5)/5 \\
&:= 6 + ((6 \times 6 \times (6 \times 6 + 6 + 6)) + (6 \times 6/(6+6))) \\
&:= 7 + (((7 \times (7 \times (7 \times 7 - (7+7)))) + 7/7) + 7) + 7) \\
&:= 8 + (8 \times (8 \times (8+8) + 88) + 8/8) \\
&:= 9 + (9 \times 9 \times 9 + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1738 &:= 11 + (((1+11)^{1+1+1}) - 1) \\
&:= 2222 - 22^2 \\
&:= 3 \times 3 + ((3 \times 3 + 3)^3 + 3/3) \\
&:= 4 + ((4 \times 444 - 44) + (4+4)/4) \\
&:= (((5555 + 5^5) + 5) + 5)/5 \\
&:= ((66 - 6)/6) + (6 \times 6 \times (6 \times 6 + 6 + 6)) \\
&:= 77/7 \times (7 \times (7+7+7) + (77/7)) \\
&:= 8 + (8 \times (8 \times (8+8) + 88) + ((8+8)/8)) \\
&:= 9 + ((9 \times 9 \times 9 + 999) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1739 &:= 11 + ((1+11)^{1+1+1}) \\
&:= 2/2 + (2222 - 22^2) \\
&:= 33/3 + (3 \times 3 + 3)^3 \\
&:= 44/4 + (4 \times (4 \times 44 + 4^4)) \\
&:= 5^5 - (5 \times 5 \times 55 + (55/5)) \\
&:= 66/6 + (6 \times 6 \times (6 \times 6 + 6 + 6)) \\
&:= ((77/7 + 7) \times (7 \times (7+7) - 7/7)) - 7 \\
&:= 88/8 + 8 \times (8 \times (8+8) + 88) \\
&:= 9 \times 9 \times 9 + (99/9 + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1740 &:= 1 + (11 + ((1+11)^{1+1+1})) \\
&:= 2 + (2222 - 22^2) \\
&:= 3 + ((3 \times 3 + 3)^3 + 3 \times 3) \\
&:= (4 \times (444 - (4+4))) - 4 \\
&:= 5^5 - ((5 \times 5 \times 55 + 5) + 5) \\
&:= 6 + ((6 \times 6 \times (6 \times 6 + 6 + 6)) + 6) \\
&:= 7 + (((7 \times (7 \times (7 \times 7 - (7+7)))) + (77/7)) + 7) \\
&:= (88 - 8/8) \times ((88+8)/8 + 8) \\
&:= 9 + ((9 \times (99 + 9 \times 9)) + 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1741 &:= 1 + (1 + (11 + ((1 + 11)^{1+1+1}))) \\
&:= (2 \times 22 - 2)^2 - (22 + 2/2) \\
&:= 3 + (((3 \times 3 + 3)^3 + 3/3) + 3 \times 3) \\
&:= 4/4 + ((4 \times (444 - (4 + 4))) - 4) \\
&:= 5 + (5555 + 5^5)/5 \\
&:= 6 + (((6 \times 6 \times (6 \times 6 + 6 + 6)) + 6/6) + 6) \\
&:= 77 + ((7 - 7/7 + 7) \times ((7 + 7)/7)^7) \\
&:= 88 + ((88/8 + 8) \times (88 - 8/8)) \\
&:= 9 \times 9 \times 9 + (9999/9 - 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1742 &:= 1 + (1 + (1 + (11 + ((1 + 11)^{1+1+1})))) \\
&:= (2 \times 22 - 2)^2 - 22 \\
&:= 3 + ((3 \times 3 + 3)^3 + 33/3) \\
&:= (4 \times (444 - (4 + 4))) - (4 + 4)/4 \\
&:= 5 + (((5555 + 5^5) + 5)/5) \\
&:= 6 + (((6 + 6)/6 + 6) \times (6 \times 6 \times 6 + 6/6)) \\
&:= 7 + (((77 + 7)/7)^{7+7+7/7} + 7) \\
&:= ((8 + 8)/8) \times (888 - (8/8 + 8 + 8)) \\
&:= ((9 + 9)/9) \times (9 \times 99 - (99/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1743 &:= 1 + (1 + (1 + (1 + (11 + ((1 + 11)^{1+1+1})))))) \\
&:= 2/2 + ((2 \times 22 - 2)^2 - 22) \\
&:= 3 + (((3 \times 3 + 3)^3 + 3 \times 3) + 3) \\
&:= (4 \times (444 - (4 + 4))) - 4/4 \\
&:= 5 + (((5555 + 5^5) + 5) + 5)/5 \\
&:= (6/6 + 6) \times (((6 \times 6/(6 + 6))^{6-6/6} + 6) \\
&:= 7 \times (((7 + 7)/7)^{7+7/7} - 7) \\
&:= 8 + ((8 \times (8 \times (8 + 8) + 88) - 8/8) + 8) \\
&:= 9 + (((9 - 9/9) + 9) \times (999/9 - 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1744 &:= (111 - 1 - 1) \times (1 + 1)^{1+1+1+1} \\
&:= 2 + ((2 \times 22 - 2)^2 - 22) \\
&:= 3^3 + ((3 \times 3 + 3)^3 - 33/3) \\
&:= 4 \times (444 - (4 + 4)) \\
&:= 5^5 - ((5 \times 5 \times 55 + 5/5) + 5) \\
&:= ((6 + 6)/6 + 6) \times (6 \times 6 \times 6 + (6 + 6)/6) \\
&:= 7/7 + (7 \times (((7 + 7)/7)^{7+7/7} - 7)) \\
&:= 8 + (8 \times (8 \times (8 + 8) + 88) + 8) \\
&:= 9 \times 9 \times 9 + (((9 + 9)/9)^{9/9+9} - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1745 &:= 1 + ((111 - 1 - 1) \times (1 + 1)^{1+1+1+1}) \\
&:= 2 + (((2 \times 22 - 2)^2 - 22) + 2/2) \\
&:= 3 + (((3 \times 3 + 3)^3 + 33/3) + 3) \\
&:= 4/4 + (4 \times (444 - (4 + 4))) \\
&:= 5^5 - (5 \times 5 \times 55 + 5) \\
&:= 6 + ((6 \times 6 \times (6 \times 6 + 6 + 6)) + (66/6)) \\
&:= ((7 + 7)/7)^7 + (77 \times (7 + 7 + 7)) \\
&:= 8 + ((8 \times (8 \times (8 + 8) + 88) + 8/8) + 8) \\
&:= ((9 + 9) \times (99 - ((9 + 9)/9))) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1746 &:= ((1 + 11)^{1+1+1}) + (1 + 1) \times (11 - 1 - 1) \\
&:= 2 + (((2 \times 22 - 2)^2 - 22) + 2) \\
&:= (3 \times (3 + 3)) + (3 \times 3 + 3)^3 \\
&:= (4 + 4)/4 + (4 \times (444 - (4 + 4))) \\
&:= 5 + ((5555 + 5^5)/5 + 5) \\
&:= 666 + (6 \times 6 \times (6 \times 6 - 6)) \\
&:= (77/7 + 7) \times (7 \times (7 + 7) - 7/7) \\
&:= ((8 + 8)/8) \times ((888 - (8 + 8)) + 8/8) \\
&:= (9 + 9) \times (99 - ((9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1747 &:= ((1 + 1) \times (11 - 1)) + (((1 + 11)^{1+1+1}) - 1) \\
&:= (2 \times 22 - 2)^2 - (2^{2+2} + 2/2) \\
&:= 3/3 + (((3 \times 3 + 3)^3 + (3 \times (3 + 3))) \\
&:= 4 + ((4 \times (444 - (4 + 4))) - 4/4) \\
&:= ((5555 + 55) + 5^5)/5 \\
&:= 66 + (((6 \times 6 - 6/6) + 6)^{(6+6)/6}) \\
&:= 7/7 + (((77/7 + 7) \times (7 \times (7 + 7) - 7/7)) \\
&:= 8 + (8 \times (8 \times (8 + 8) + 88) + (88/8)) \\
&:= 9/9 + ((9 + 9) \times (99 - ((9 + 9)/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1748 &:= ((1 + 1) \times (11 - 1)) + ((1 + 11)^{1+1+1}) \\
&:= (2 \times 22 - 2)^2 - 2^{2+2} \\
&:= 3 \times 3 + ((3 \times 3 + 3)^3 + 33/3) \\
&:= 4 + (4 \times (444 - (4 + 4))) \\
&:= 5^5 - (5 \times 5 \times 55 + ((5 + 5)/5)) \\
&:= 6 + (((6 + 6)/6 + 6) \times (6 \times 6 \times 6 + 6/6)) + 6) \\
&:= (77 - 7/7) \times (((7 + 7)/7 + 7) + 7) \\
&:= 8 + ((88 - 8/8) \times ((88 + 8)/8 + 8)) \\
&:= (9/9 + 9 + 9) \times ((99/9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1749 &:= 11 + (11 + ((1 + 11)^{1+1+1}) - 1) \\
&:= 2/2 + ((2 \times 22 - 2)^2 - 2^{2+2}) \\
&:= 3 + ((3 \times 3 + 3)^3 + (3 \times (3 + 3))) \\
&:= (4 \times (444 - 4)) - 44/4 \\
&:= 5^5 - (5 \times 5 \times 55 + 5/5) \\
&:= 66/6 \times ((666/6 + 6 \times 6 + 6) + 6) \\
&:= 77/7 \times ((777 - 7)/7 + 7 \times 7) \\
&:= 88/8 \times (((88 - 8/8) + 8 \times 8) + 8) \\
&:= 99/9 \times (9 \times (9 + 9) - ((9 + 9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1750 &:= 11 + (11 + ((1 + 11)^{1+1+1})) \\
&:= 2 + ((2 \times 22 - 2)^2 - 2^{2+2}) \\
&:= 33 + ((3 \times 3 + 3)^3 - 33/3) \\
&:= (4 - 44)/4 + (4 \times (444 - 4)) \\
&:= 5^5 - 5 \times 5 \times 55 \\
&:= (6/6 + 6) \times (6 \times (6 \times 6 + 6) - ((6 + 6)/6)) \\
&:= (7 + 7) \times (777/7 + 7 + 7) \\
&:= 8 \times (88 - 8) + (8888 - 8)/8 \\
&:= 9 \times (9 \times 9 - 9) + (9999/9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1751 &:= 1 + (11 + (11 + ((1 + 11)^{1+1+1}))) \\
&:= (2 \times 22 - 2)^2 - (22/2 + 2) \\
&:= 3^3 + ((3 \times 3 + 3)^3 - (3/3 + 3)) \\
&:= (4 \times (444 - 4)) - ((4/4 + 4) + 4) \\
&:= 5^5 + (5/5 - 5 \times 5 \times 55) \\
&:= (66/6 + 6) \times ((6 \times 6 + 66) + 6/6) \\
&:= 7/7 + ((7 + 7) \times (777/7 + 7 + 7)) \\
&:= 8 \times (88 - 8) + 8888/8 \\
&:= ((9 - 9/9) + 9) \times (((999 + 9)/9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1752 &:= (1 + 11) \times (1 + (1 + (1 + 11)^{1+1+1})) \\
&:= 2 \times (2 \times ((2 \times (222 - 2)) - 2)) \\
&:= 3^3 + ((3 \times 3 + 3)^3 - 3) \\
&:= (4 \times (444 - 4)) - 4 - 4 \\
&:= 5^5 + ((5 + 5)/5 - 5 \times 5 \times 55) \\
&:= (6 \times 6 + 6) \times (6 \times 6 + 6) - 6 - 6 \\
&:= 7 + ((77 \times (7 + 7 + 7)) + ((7 + 7)/7)^7) \\
&:= 88 + ((8 + 8) \times (88 + 8 + 8)) \\
&:= 9 \times 9 + ((9 + 9) \times 99 - 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1753 &:= 1 + ((1 + 11) \times (1 + (1 + (1 + 11)^{1+1+1}))) \\
&:= (2 \times 22 - 2)^2 - 22/2 \\
&:= 3^3 + (((3 \times 3 + 3)^3 - 3) + 3/3) \\
&:= 4 + ((4 \times (444 - 4)) - 44/4) \\
&:= 5 + (5^5 - (5 \times 5 \times 55 + ((5 + 5)/5))) \\
&:= (6 \times 6 + 6) \times (6 \times 6 + 6) - 66/6 \\
&:= ((7 + 7) \times (77 + 7 \times 7)) - 77/7 \\
&:= 8/8 + (((8 + 8) \times (88 + 8 + 8)) + 88) \\
&:= 9 \times 9 \times 9 + (((9 + 9)/9)^{9/9+9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1754 &:= 1 + (1 + ((1 + 11) \times (1 + (1 + (1 + 11)^{1+1+1})))) \\
&:= (2 \times (2 \times 2 \times 222)) - 22 \\
&:= 3^3 + ((3 \times 3 + 3)^3 - 3/3) \\
&:= 4 \times 444 - (44/((4 + 4)/4)) \\
&:= 5 + (5^5 - (5 \times 5 \times 55 + 5/5)) \\
&:= ((6 - 66)/6) + (6 \times 6 + 6) \times (6 \times 6 + 6) \\
&:= ((7 - 77)/7) + ((7 + 7) \times (77 + 7 \times 7)) \\
&:= ((8 + 8)/8) \times (888 - 88/8) \\
&:= (9 + 9) \times 99 - ((9/9 + 9 + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1755 &:= (11 - 1 - 1) \times ((1 + 1 + 1 + 11)^{1+1} - 1) \\
&:= 2 + ((2 \times 22 - 2)^2 - 22/2) \\
&:= 3^3 + (3 \times 3 + 3)^3 \\
&:= (4 \times (444 - 4)) - (4/4 + 4) \\
&:= 5 + (5^5 - 5 \times 5 \times 55) \\
&:= (6/6 - 66) \times (6 - (66 \times 6/(6 + 6))) \\
&:= (7 - 7/7 + 7) \times (((7 + 7)/7)^7 + 7) \\
&:= (8/8 + 8 \times 8) \times (88/8 + 8 + 8) \\
&:= (9 + 9) \times 99 - (9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1756 &:= 1 + (11 - 1 - 1) \times ((1 + 1 + 1 + 11)^{1+1} - 1) \\
&:= 2 \times (2 \times ((22 - 2/2)^2) - 2) \\
&:= 3^3 + ((3 \times 3 + 3)^3 + 3/3) \\
&:= (4 \times (444 - 4)) - 4 \\
&:= 5 + ((5^5 - 5 \times 5 \times 55) + 5/5) \\
&:= ((6 + 6)/6)^6 + (6 \times (6 \times 6 \times 6 + 66)) \\
&:= ((7 + 7) \times (77 + 7 \times 7)) - (7/7 + 7) \\
&:= ((8 + 8)/8) \times ((8 - 88)/8 + 888) \\
&:= 9/9 + ((9 + 9) \times 99 - (9 + 9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1757 &:= (1 + 1)^{11} - (1 + ((1 + 1) \times (1 + (1 + 11)^{1+1}))) \\
&:= 2 + (((2 \times 22 - 2)^2 - 22/2) + 2) \\
&:= 3 + (((3 \times 3 + 3)^3 - 3/3) + 3^3) \\
&:= 4/4 + ((4 \times (444 - 4)) - 4) \\
&:= 5 + (((5 + 5)/5 - 5 \times 5 \times 55) + 5^5) \\
&:= (6/6 + 6) \times (6 \times (6 \times 6 + 6) - 6/6) \\
&:= ((7 + 7) \times (77 + 7 \times 7)) - 7 \\
&:= 888 + (888 - (88/8 + 8)) \\
&:= 9 + ((9/9 + 9 + 9) \times ((99/9) + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1758 &:= (1 + 1) \times ((11 - 1)^{1+1+1} - 11^{1+1}) \\
&:= (2 \times 22 - 2)^2 - (2 + 2 + 2) \\
&:= 3 + ((3 \times 3 + 3)^3 + 3^3) \\
&:= (4 \times (444 - 4)) - (4 + 4)/4 \\
&:= (55 \times ((5 + 5)/5)^5) - (5 + 5)/5 \\
&:= (6 \times 6 + 6) \times (6 \times 6 + 6) - 6 \\
&:= 7/7 + (((7 + 7) \times (77 + 7 \times 7)) - 7) \\
&:= ((8 + 8)/8) \times (888 - 8/8 - 8) \\
&:= ((9 + 9)/9) \times (9 \times 99 - ((99 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1759 &:= ((111 - 1) \times (1 + 1)^{1+1+1+1}) - 1 \\
&:= (2 \times 22 - 2)^2 - (2/2 + 2 + 2) \\
&:= 3 + (((3 \times 3 + 3)^3 + 3^3) + 3/3) \\
&:= (4 \times (444 - 4)) - 4/4 \\
&:= (55 \times ((5 + 5)/5)^5) - 5/5 \\
&:= 6/6 + ((6 \times 6 + 6) \times (6 \times 6 + 6) - 6) \\
&:= ((7 + 7)/7) + (((7 + 7) \times (77 + 7 \times 7)) - 7) \\
&:= (88 \times ((88 + 8)/8 + 8)) - 8/8 \\
&:= 9 \times (9 \times 9 - 9) + 9999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1760 &:= (111 - 1) \times (1 + 1)^{1+1+1+1} \\
&:= 2 \times (2 \times (2 \times (222 - 2))) \\
&:= 33 + ((3 \times 3 + 3)^3 - 3/3) \\
&:= 4 \times (444 - 4) \\
&:= 55 \times ((5 + 5)/5)^5 \\
&:= (6 + 6)/6 + ((6 \times 6 + 6) \times (6 \times 6 + 6) - 6) \\
&:= 77/7 \times (777/7 + 7 \times 7) \\
&:= 88 \times ((88 + 8)/8 + 8) \\
&:= 99/9 \times (9 \times (9 + 9) - ((9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1761 &:= 1 + ((111 - 1) \times (1 + 1)^{1+1+1+1}) \\
&:= (2 \times 22 - 2)^2 - 2/2 - 2 \\
&:= 33 + (3 \times 3 + 3)^3 \\
&:= 4/4 + (4 \times (444 - 4)) \\
&:= 5/5 + (55 \times ((5 + 5)/5)^5) \\
&:= (6 \times 6 + 6) \times (6 \times 6 + 6) - 6 \times 6/(6 + 6) \\
&:= ((7 + 7 + 7)/7) \times (7 \times (77 + 7) - 7/7) \\
&:= 8/8 + (88 \times ((88 + 8)/8 + 8)) \\
&:= (9 + 9) \times 99 - ((99 + 9)/9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1762 &:= (((1 + 1) \times (11 + (11 - 1)))^{1+1}) - 1 - 1 \\
&:= (2 \times 22 - 2)^2 - 2 \\
&:= 3/3 + (((3 \times 3 + 3)^3 + 33) \\
&:= (4 + 4)/4 + (4 \times (444 - 4)) \\
&:= (5 + 5)/5 + (55 \times ((5 + 5)/5)^5) \\
&:= (6 \times 6 + 6) \times (6 \times 6 + 6) - (6 + 6)/6 \\
&:= ((7 + 7) \times (77 + 7 \times 7)) - (7 + 7)/7 \\
&:= ((8 + 8)/8) \times ((888 - 8) + 8/8) \\
&:= (9 + 9) \times 99 - (99/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1763 &:= (((1 + 1) \times (11 + (11 - 1)))^{1+1}) - 1 \\
&:= (2 \times 22 - 2)^2 - 2/2 \\
&:= 3 + (((3 \times 3 + 3)^3 - 3/3) + 33) \\
&:= 4 + ((4 \times (444 - 4)) - 4/4) \\
&:= 5 + ((55 \times ((5 + 5)/5)^5) - ((5 + 5)/5)) \\
&:= (6 \times 6 + 6) \times (6 \times 6 + 6) - 6/6 \\
&:= ((7 + 7) \times (77 + 7 \times 7)) - 7/7 \\
&:= 8 + ((8/8 + 8 \times 8) \times (88/8 + 8 + 8)) \\
&:= (9 + 9) \times 99 - (9/9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1764 &:= ((1 + 1) \times (11 + (11 - 1)))^{1+1} \\
&:= ((2 \times 22) - 2)^2 \\
&:= 3 + ((3 \times 3 + 3)^3 + 33) \\
&:= 4 + (4 \times (444 - 4)) \\
&:= 5 + ((55 \times ((5 + 5)/5)^5) - 5/5) \\
&:= (6 \times 6 + 6) \times (6 \times 6 + 6) \\
&:= (7 + 7) \times (77 + 7 \times 7) \\
&:= 888 + (888 - ((88 + 8)/8)) \\
&:= (9 + 9) \times (99 - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1765 &:= 1 + (((1 + 1) \times (11 + (11 - 1)))^{1+1}) \\
&:= 2/2 + (2 \times 22 - 2)^2 \\
&:= 3 + (((3 \times 3 + 3)^3 + 33) + 3/3) \\
&:= 4 \times 444 - 44/4 \\
&:= 5 + (55 \times ((5 + 5)/5)^5) \\
&:= 6/6 + (6 \times 6 + 6) \times (6 \times 6 + 6) \\
&:= 7/7 + ((7 + 7) \times (77 + 7 \times 7)) \\
&:= 888 + (888 - 88/8) \\
&:= 9/9 + ((9 + 9) \times (99 - 9/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1766 &:= 1 + (1 + (((1 + 1) \times (11 + (11 - 1)))^{1+1})) \\
&:= 2 + (2 \times 22 - 2)^2 \\
&:= 3^3 + ((3 \times 3 + 3)^3 + 33/3) \\
&:= (4 - 44)/4 + 4 \times 444 \\
&:= 5 + ((55 \times ((5 + 5)/5)^5) + 5/5) \\
&:= (6 + 6)/6 + (6 \times 6 + 6) \times (6 \times 6 + 6) \\
&:= ((7 + 7)/7) + ((7 + 7) \times (77 + 7 \times 7)) \\
&:= (((8 + 8)/8) \times (888 - 8/8)) - 8 \\
&:= (9 + 9)/9 + ((9 + 9) \times (99 - 9/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1767 &:= 1 + (1 + (1 + (((1 + 1) \times (11 + (11 - 1)))^{1+1}))) \\
&:= 2 + ((2 \times 22 - 2)^2 + 2/2) \\
&:= 3 + (((3 \times 3 + 3)^3 + 33) + 3) \\
&:= 4 \times 444 - ((4/4 + 4) + 4) \\
&:= 5 + ((55 \times ((5 + 5)/5)^5) + ((5 + 5)/5)) \\
&:= (6 \times 6/(6 + 6)) + (6 \times 6 + 6) \times (6 \times 6 + 6) \\
&:= 7 + (77/7 \times (777/7 + 7 \times 7)) \\
&:= 888 + (888 - 8/8 - 8) \\
&:= (9 + 9) \times 99 + (((9 + 9 + 9)/9) - (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1768 &:= (1 + 1)^{1+1+1} \times ((1 + 1) \times 111 - 1) \\
&:= 2 + ((2 \times 22 - 2)^2 + 2) \\
&:= 3 + (((3 \times 3 + 3)^3 + 33) + 3/3) + 3) \\
&:= 4 \times 444 - 4 - 4 \\
&:= (((5 + 5)/5)^{55/5}) - (5 \times 55 + 5) \\
&:= 6 + ((6 \times 6 + 6) \times (6 \times 6 + 6) - ((6 + 6)/6)) \\
&:= 77/7 + (((7 + 7) \times (77 + 7 \times 7)) - 7) \\
&:= 888 + 888 - 8 \\
&:= 9 + (9999/9 + 9 \times (9 \times 9 - 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1769 &:= 1 + ((1 + 1)^{1+1+1} \times ((1 + 1) \times 111 - 1)) \\
&:= 2 + (((2 \times 22 - 2)^2 + 2/2) + 2) \\
&:= 3 + (((3 \times 3 + 3)^3 + 33/3) + 3^3) \\
&:= 4 + (4 \times 444 - 44/4) \\
&:= 5 + (((55 \times ((5 + 5)/5)^5) - 5/5) + 5) \\
&:= 6 + ((6 \times 6 + 6) \times (6 \times 6 + 6) - 6/6) \\
&:= 7 + (((7 + 7) \times (77 + 7 \times 7)) - ((7 + 7)/7)) \\
&:= 8/8 + ((888 - 8) + 888) \\
&:= (9 + 9) \times 99 - ((99 + 9 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1770 &:= (11 - 1) \times (1 + (11 \times (1 + 1)^{1+1+1+1})) \\
&:= 2 + (((2 \times 22 - 2)^2 + 2) + 2) \\
&:= 3 \times 3 + ((3 \times 3 + 3)^3 + 33) \\
&:= 4 \times 444 - ((4 + 4)/4 + 4) \\
&:= 5 + ((55 \times ((5 + 5)/5)^5) + 5) \\
&:= 6 + (6 \times 6 + 6) \times (6 \times 6 + 6) \\
&:= 7 + (((7 + 7) \times (77 + 7 \times 7)) - 7/7) \\
&:= (((8 + 8)/8) \times (888 + 8/8)) - 8 \\
&:= (9 + 9) \times 99 - (99 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1771 &:= 11 \times (((1+1) \times (11-1-1)^{1+1}) - 1) \\
&:= 2 \times (2 \times 2 \times 222) - 2 \\
&:= 33/3 \times ((3+3) \times 3^3 - 3/3) \\
&:= 4 \times 444 - (4/4 + 4) \\
&:= 55/5 + (55 \times ((5+5)/5)^5) \\
&:= 6 + ((6 \times 6 + 6) \times (6 \times 6 + 6) + 6/6) \\
&:= 7 + ((7+7) \times (77+7 \times 7)) \\
&:= 88/8 + (88 \times ((88+8)/8+8)) \\
&:= (9+9) \times 99 - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1772 &:= 1 + (11 \times (((1+1) \times (11-1-1)^{1+1}) - 1)) \\
&:= 2 \times (2 \times 2 \times 222) - 2 \\
&:= 33 + ((3 \times 3 + 3)^3 + 33/3) \\
&:= 4 \times 444 - 4 \\
&:= ((55+5)/5) + (55 \times ((5+5)/5)^5) \\
&:= 6 + ((6 \times 6 + 6) \times (6 \times 6 + 6) + ((6+6)/6)) \\
&:= 7 + (((7+7) \times (77+7 \times 7)) + 7/7) \\
&:= ((8+8)/8) \times (888 - ((8+8)/8)) \\
&:= (9+9) \times 99 - 9/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1773 &:= (1+1)^{11} - (11 \times (1 + ((1+1) \times (1+11)))) \\
&:= 2/2 + (2 \times (2 \times 2 \times 222) - 2) \\
&:= 3 \times (3 \times 33 \times (3+3) - 3) \\
&:= 4/4 + (4 \times 444 - 4) \\
&:= (((5+5)/5)^{55/5}) - 5 \times 55 \\
&:= 6 + ((6 \times 6 + 6) \times (6 \times 6 + 6) + (6 \times 6/(6+6))) \\
&:= 7 + (((7+7) \times (77+7 \times 7)) + ((7+7)/7)) \\
&:= 8 + ((888 - 88/8) + 888) \\
&:= (9+9) \times 99 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1774 &:= (1+1) \times ((111 \times (1+1)^{1+1+1}) - 1) \\
&:= (2 \times (2 \times 2 \times 222)) - 2 \\
&:= 3/3 + (3 \times (3 \times 33 \times (3+3) - 3)) \\
&:= 4 \times 444 - (4+4)/4 \\
&:= 5^5 + ((5 \times (5 - 5 \times 55)) - 5/5) \\
&:= ((66-6)/6) + (6 \times 6 + 6) \times (6 \times 6 + 6) \\
&:= ((77-7)/7) + ((7+7) \times (77+7 \times 7)) \\
&:= ((8+8)/8) \times (888 - 8/8) \\
&:= 9/9 + ((9+9) \times 99 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1775 &:= (111 \times (1+1)^{1+1+1+1}) - 1 \\
&:= 22/2 + (2 \times 22 - 2)^2 \\
&:= (((3+3) \times ((33 \times 3^3) - 3)) - 3)/3 \\
&:= 4 \times 444 - 4/4 \\
&:= 5 \times ((5 \times (55+5)) + 55) \\
&:= 66/6 + (6 \times 6 + 6) \times (6 \times 6 + 6) \\
&:= 77/7 + ((7+7) \times (77+7 \times 7)) \\
&:= 888 + (888 - 8/8) \\
&:= (9+9)/9 + ((9+9) \times 99 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1776 &:= 111 \times (1+1)^{1+1+1+1} \\
&:= 2 \times (2 \times 2 \times 222) \\
&:= 3 + (3 \times (3 \times 33 \times (3+3) - 3)) \\
&:= 4 \times 444 \\
&:= (55/5 + 5) \times 555/5 \\
&:= 6 + ((6 \times 6 + 6) \times (6 \times 6 + 6) + 6) \\
&:= 777/7 \times (((7+7)/7 + 7) + 7) \\
&:= (8+8) \times 888/8 \\
&:= (9+9) \times 99 + (((9+9+9)/9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1777 &:= 1 + (111 \times (1+1)^{1+1+1+1}) \\
&:= 2/2 + (2 \times (2 \times 2 \times 222)) \\
&:= (((3+3) \times ((33 \times 3^3) - 3)) + 3)/3 \\
&:= 4/4 + 4 \times 444 \\
&:= (555 \times (55/5 + 5) + 5)/5 \\
&:= 666 + (6666/6) \\
&:= 7 + (((7+7) \times (77+7 \times 7)) - 7/7) + 7) \\
&:= 8/8 + (888 + 888) \\
&:= (9+9) \times 99 + ((9-99)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1778 &:= 1 + (1 + (111 \times (1+1)^{1+1+1+1})) \\
&:= 2 + (2 \times (2 \times 2 \times 222)) \\
&:= (3 \times 3 \times 33 \times (3+3)) - (3/3 + 3) \\
&:= (4+4)/4 + 4 \times 444 \\
&:= 5 + (((5+5)/5)^{55/5}) - 5 \times 55 \\
&:= 666 + (6666 + 6)/6 \\
&:= 7 + (((7+7) \times (77+7 \times 7)) + 7) \\
&:= ((8+8)/8) \times (888 + 8/8) \\
&:= ((9+9)/9) \times (9 \times 99 - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1779 &:= 1 + (1 + (1 + (111 \times (1+1)^{1+1+1+1}))) \\
&:= 2 + ((2 \times (2 \times 2 \times 222)) + 2/2) \\
&:= (3 \times 3 \times 33 \times (3+3)) - 3 \\
&:= 4 + (4 \times 444 - 4/4) \\
&:= 5 + (((5 \times (5 - 5 \times 55)) - 5/5) + 5^5) \\
&:= 666 + (((6666 + 6) + 6)/6) \\
&:= 7 + (((7+7) \times (77+7 \times 7)) + 7/7) + 7) \\
&:= 8/8 + (((8+8)/8) \times (888 + 8/8)) \\
&:= (9+9) \times 99 - (9+9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1780 &:= (1+1) \times ((11 \times (11-1-1)^{1+1}) - 1) \\
&:= 2 \times (2 \times 2 \times 222) + 2 \\
&:= 3/3 + ((3 \times 3 \times 33 \times (3+3)) - 3) \\
&:= 4 + 4 \times 444 \\
&:= 5 + ((5 \times (5 - 5 \times 55)) + 5^5) \\
&:= 6 + ((6 \times 6 + 6) \times (6 \times 6 + 6) + ((66-6)/6)) \\
&:= ((7+7) \times ((7+7)/7)^7) - (77+7)/7 \\
&:= ((8+8)/8) \times (888 + ((8+8)/8)) \\
&:= (9+9) \times 99 - (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1781 &:= ((1+1) \times (11 \times (11-1-1)^{1+1})) - 1 \\
&:= 2/2 + (2 \times (2 \times 2 \times 222) + 2) \\
&:= (3 \times 3 \times 33 \times (3+3)) - 3/3 \\
&:= 4 + (4 \times 444 + 4/4) \\
&:= 5 + ((55/5 + 5) \times 555/5) \\
&:= 6 + ((6 \times 6 + 6) \times (6 \times 6 + 6) + (66/6)) \\
&:= ((7+7) \times ((7+7)/7)^7) - 77/7 \\
&:= (8 \times ((8 \times (8+8) + 88) + 8)) - 88/8 \\
&:= (9+9) \times 99 - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1782 &:= (1+1) \times (11 \times (11-1-1)^{1+1}) \\
&:= 22 \times ((2/2 + 2)^{2+2}) \\
&:= 3 \times 3 \times 33 \times (3+3) \\
&:= 4 + (4 \times 444 + (4+4)/4) \\
&:= 5 + ((555 \times (55/5 + 5) + 5)/5) \\
&:= 66 \times ((66 \times 6/(6+6)) - 6) \\
&:= (77/7 + 7) \times (7 \times (7+7) + 7/7) \\
&:= 8 + (((8+8)/8) \times (888 - 8/8)) \\
&:= (9+9) \times 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1783 &:= 1 + ((1+1) \times (11 \times (11-1-1)^{1+1})) \\
&:= 2/2 + (22 \times ((2/2 + 2)^{2+2})) \\
&:= 3/3 + (3 \times 3 \times 33 \times (3+3)) \\
&:= 4 + ((4 \times 444 - 4/4) + 4) \\
&:= 55 + (((55+5)/5)^{5-(5+5)/5}) \\
&:= 6 + ((6666/6) + 666) \\
&:= 7 + (777/7 \times (((7+7)/7 + 7) + 7)) \\
&:= 8 + ((888 - 8/8) + 888) \\
&:= 9/9 + (9+9) \times 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1784 &:= (1+1) \times (1 + (11 \times (11-1-1)^{1+1})) \\
&:= 2 \times (2 \times (2 \times 222 + 2)) \\
&:= 3 + ((3 \times 3 \times 33 \times (3+3)) - 3/3) \\
&:= 4 + (4 \times 444 + 4) \\
&:= 5 \times 5 + ((55 \times ((5+5)/5)^5) - 5/5) \\
&:= 6 + ((6666 + 6)/6 + 666) \\
&:= ((7+7) \times ((7+7)/7)^7) - (7/7 + 7) \\
&:= 8 + (888 + 888) \\
&:= (9+9)/9 + (9+9) \times 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1785 &:= 1 + ((1+1) \times (1 + (11 \times (11-1-1)^{1+1}))) \\
&:= 22 + ((2 \times 22 - 2)^2 - 2/2) \\
&:= 3 + (3 \times 3 \times 33 \times (3+3)) \\
&:= 4 + ((4 \times 444 + 4/4) + 4) \\
&:= 5 \times 5 + (55 \times ((5+5)/5)^5) \\
&:= (66/6 + 6) \times (666/6 - 6) \\
&:= ((7+7) \times ((7+7)/7)^7) - 7 \\
&:= 8 + ((888 + 888) + 8/8) \\
&:= (9+9) \times 99 + ((9+9+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1786 &:= 11 + ((111 \times (1+1))^{1+1+1+1}) - 1 \\
&:= 22 + (2 \times 22 - 2)^2 \\
&:= 3 + ((3 \times 3 \times 33 \times (3+3)) + 3/3) \\
&:= 4 \times 444 + (44 - 4)/4 \\
&:= 5 + (((55/5 + 5) \times 555/5) + 5) \\
&:= (((6+6)/6) + 6 \times 6) \times (66/6 + 6 \times 6) \\
&:= 7/7 + (((7+7) \times ((7+7)/7)^7) - 7) \\
&:= 8 + (((8+8)/8) \times (888 + 8/8)) \\
&:= ((9+9)/9) \times (((9+9)/9) + 9 \times 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1787 &:= 11 + (111 \times (1+1))^{1+1+1+1} \\
&:= 22 + ((2 \times 22 - 2)^2 + 2/2) \\
&:= (((3+3) \times ((33 \times 3^3) + 3)) - 3)/3 \\
&:= 44/4 + 4 \times 444 \\
&:= (((5+5)/5)^5 \times (55 + 5/5)) - 5 \\
&:= (6 - 6 \times 6) \times (6 - 66) - (6/6 + 6 + 6) \\
&:= ((7+7)/7) + (((7+7) \times ((7+7)/7)^7) - 7) \\
&:= 888 + (888 + 88/8) \\
&:= (9+9) \times 99 + ((9 \times 9 + 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1788 &:= 1 + (11 + (111 \times (1+1))^{1+1+1+1}) \\
&:= 2 + ((2 \times 22 - 2)^2 + 22) \\
&:= 3 + ((3 \times 3 \times 33 \times (3+3)) + 3) \\
&:= (4 \times (444 + 4)) - 4 \\
&:= (5/5 + 5) \times (((5 - (5+5)/5)^5) + 55) \\
&:= (6 - 6 \times 6) \times (6 - 66) - 6 - 6 \\
&:= 7 + (((7+7) \times ((7+7)/7)^7) - (77/7)) \\
&:= ((8 \times 8 \times (8 \times 8 - 8)) - 8)/(8+8/8) \\
&:= 9 + ((9+9) \times 99 - ((9+9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1789 &:= ((1+1) \times (((11-1) \times (1+1+1))^{1+1})) - 11 \\
&:= 2 + (((2 \times 22 - 2)^2 + 22) + 2/2) \\
&:= ((3/3 + 3)^3) + ((3 \times 3 + 3)^3 - 3) \\
&:= 4/4 + ((4 \times (444 + 4)) - 4) \\
&:= (5 \times 5 + 5) \times (55 + 5) - 55/5 \\
&:= (6 - 6 \times 6) \times (6 - 66) - 66/6 \\
&:= 7 + ((77/7 + 7) \times (7 \times (7+7) + 7/7)) \\
&:= 8 + ((8 \times ((8 \times (8+8) + 88) + 8)) - (88/8)) \\
&:= 9 + ((9+9) \times 99 - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1790 &:= (1+1) \times (((1+111) \times (1+1))^{1+1+1}) - 1 \\
&:= (2 \times (2 \times (2 \times (222 + 2)))) - 2 \\
&:= (3 \times (3 \times 33 \times (3+3) + 3)) - 3/3 \\
&:= (4 \times (444 + 4)) - (4 + 4)/4 \\
&:= (5 \times 5 + 5) \times (55 + 5) - 5 - 5 \\
&:= (6 - 6/6) \times (6 \times (66 - 6) - ((6+6)/6)) \\
&:= ((7+7) \times ((7+7)/7)^7) - (7+7)/7 \\
&:= ((8+8)/8) \times (888 - 8/8 + 8) \\
&:= 9 + ((9+9) \times 99 - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1791 &:= ((1+111) \times (1+1))^{1+1+1+1} - 1 \\
&:= (2 \times (2 \times (2 \times (222 + 2)))) - 2/2 \\
&:= 3 \times (3 \times 33 \times (3+3) + 3) \\
&:= (4 \times (444 + 4)) - 4/4 \\
&:= 55 + (5555 + 5^5)/5 \\
&:= 6 + ((66/6 + 6) \times (666/6 - 6)) \\
&:= ((7+7) \times ((7+7)/7)^7) - 7/7 \\
&:= (8/8 + 8) \times (888/8 + 88) \\
&:= 9 + (9+9) \times 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1792 &:= (1+111) \times (1+1))^{1+1+1+1} \\
&:= 2 \times (2 \times (2 \times (222 + 2))) \\
&:= ((3/3 + 3)^3) + (3 \times 3 + 3)^3 \\
&:= 4 \times (444 + 4) \\
&:= ((5+5)/5)^5 \times (55 + 5/5) \\
&:= (6/6 + 6) \times (((6+6)/6)^{6+(6+6)/6}) \\
&:= (7+7) \times ((7+7)/7)^7 \\
&:= 8 \times ((8 \times (8+8) + 88) + 8) \\
&:= 9 + ((9+9) \times 99 + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1793 &:= 1 + ((1+111) \times (1+1))^{1+1+1+1} \\
&:= 2/2 + (2 \times (2 \times (2 \times (222 + 2)))) \\
&:= 33/3 + (3 \times 3 \times 33 \times (3+3)) \\
&:= 4/4 + (4 \times (444 + 4)) \\
&:= 5/5 + (((5+5)/5)^5 \times (55 + 5/5)) \\
&:= (6 - 6 \times 6) \times (6 - 66) - 6/6 - 6 \\
&:= 7/7 + ((7+7) \times ((7+7)/7)^7) \\
&:= 8/8 + (8 \times ((8 \times (8+8) + 88) + 8)) \\
&:= 99/9 + (9+9) \times 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1794 &:= 1 + (1 + ((1+111) \times (1+1))^{1+1+1+1}) \\
&:= 2 + (2 \times (2 \times (2 \times (222 + 2)))) \\
&:= 3 + (3 \times (3 \times 33 \times (3+3) + 3)) \\
&:= (4 + 4)/4 + (4 \times (444 + 4)) \\
&:= 5^5 - ((55/5)^{5-(5+5)/5}) \\
&:= (6 - 6 \times 6) \times (6 - 66) - 6 \\
&:= ((7+7)/7) + ((7+7) \times ((7+7)/7)^7) \\
&:= ((8+8)/8) \times (888 + 8/8 + 8) \\
&:= (9+9) \times 99 + (99+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1795 &:= (1+1)^{11} - (11 \times (1 + (11+11))) \\
&:= 2 + ((2 \times (2 \times (2 \times (222 + 2)))) + 2/2) \\
&:= 3 + (((3/3 + 3)^3) + (3 \times 3 + 3)^3) \\
&:= 4 + ((4 \times (444 + 4)) - 4/4) \\
&:= (5 \times 5 + 5) \times (55 + 5) - 5 \\
&:= 6/6 + ((6 - 6 \times 6) \times (6 - 66) - 6) \\
&:= (((7+7+7)/7)^7) - 7 \times (7 \times 7 + 7) \\
&:= 8 + ((888 + 888) + (88/8)) \\
&:= (9+9) \times 99 + ((99+9+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1796 &:= 1 + ((1+1)^{11} - (11 \times (1 + (11+11)))) \\
&:= 2 \times ((2 \times (2 \times (222 + 2))) + 2) \\
&:= 3 + ((3 \times 3 \times 33 \times (3+3)) + 33/3) \\
&:= 4 + (4 \times (444 + 4)) \\
&:= 5/5 + ((5 \times 5 + 5) \times (55 + 5) - 5) \\
&:= (6+6)/6 + ((6 - 6 \times 6) \times (6 - 66) - 6) \\
&:= 77/7 + (((7+7) \times ((7+7)/7)^7) - 7) \\
&:= ((8 \times 8 \times (8 \times 8 - 8)) + 8)/(8+8/8) \\
&:= 9 + (((9 \times 9 + 9)/(9+9)) + (9+9) \times 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1797 &:= 11 \times 111 + (((1+1) \times (1+11))^{1+1}) \\
&:= 22 + ((2 \times 22 - 2)^2 + 22/2) \\
&:= ((3+3) \times (3 \times 3 \times 33 + 3)) - 3 \\
&:= 4 + ((4 \times (444 + 4)) + 4/4) \\
&:= 5 + (((5+5)/5)^5 \times (55 + 5/5)) \\
&:= (6 - 6 \times 6) \times (6 - 66) - 6 \times 6/(6+6) \\
&:= (7 \times 7 \times (7+7)) + 7777/7 \\
&:= ((88/8 + 8) \times (88 - 8/8 + 8)) - 8 \\
&:= 9 + (((9+9) \times 99 - ((9+9+9)/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1798 &:= (1+1) \times (((11-1) \times (1+1+1))^{1+1}) - 1 \\
&:= 22 + (2 \times (2 \times 2 \times 222)) \\
&:= 3 + (((3/3 + 3)^3) + (3 \times 3 + 3)^3) + 3) \\
&:= 4 + ((4 \times (444 + 4)) + (4 + 4)/4) \\
&:= (5 \times 5 + 5) \times (55 + 5) - (5 + 5)/5 \\
&:= (6 - 6 \times 6) \times (6 - 66) - (6 + 6)/6 \\
&:= 7 + (((7+7) \times ((7+7)/7)^7) - 7/7) \\
&:= ((8+8)/8) \times (888 + 88/8) \\
&:= 9 + (((9+9) \times 99 - ((9+9)/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1799 &:= ((1+1) \times (((11-1) \times (1+1+1))^{1+1})) - 1 \\
&:= (2 \times ((2 \times (2+2) + 22)^2)) - 2/2 \\
&:= (3 \times 3 + 3)^3 + (((3+3)^3 - 3)/3) \\
&:= ((4 - 4/4) + 4) \times (4/4 + 4^4) \\
&:= (5 \times 5 + 5) \times (55 + 5) - 5/5 \\
&:= (6 - 6 \times 6) \times (6 - 66) - 6/6 \\
&:= 7 + ((7+7) \times ((7+7)/7)^7) \\
&:= (8 - 8/8) \times ((8+8) \times (8+8) + 8/8) \\
&:= 9 + (((9+9) \times 99 - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1800 &:= (1+1) \times (((11-1) \times (1+1+1))^{1+1}) \\
&:= 2 \times ((2 \times (2+2) + 22)^2) \\
&:= (3+3) \times (3 \times 3 \times 33 + 3) \\
&:= 4 + ((4 \times (444 + 4)) + 4) \\
&:= (5 \times 5 + 5) \times (55 + 5) \\
&:= (6 - 6 \times 6) \times (6 - 66) \\
&:= 7 + (((7+7) \times ((7+7)/7)^7) + 7/7) \\
&:= 8 + (8 \times ((8 \times (8+8) + 88) + 8)) \\
&:= 9 + ((9+9) \times 99 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1801 &:= 1 + ((1+1) \times (((11-1) \times (1+1+1))^{1+1})) \\
&:= 2/2 + (2 \times ((2 \times (2+2) + 22)^2)) \\
&:= 3/3 + ((3+3) \times (3 \times 3 \times 33 + 3)) \\
&:= 4 + (((4 \times (444+4)) + 4/4) + 4) \\
&:= 5/5 + (5 \times 5 + 5) \times (55 + 5) \\
&:= 6/6 + (6 - 6 \times 6) \times (6 - 66) \\
&:= 7 + (((7+7) \times ((7+7)/7)^7) + ((7+7)/7)) \\
&:= 8 + ((8 \times ((8 \times (8+8) + 88) + 8)) + 8/8) \\
&:= 9 + (((9+9) \times 99 + 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1802 &:= (1+1) \times (1 + (((11-1) \times (1+1+1))^{1+1})) \\
&:= 2 + (2 \times ((2 \times (2+2) + 22)^2)) \\
&:= 3 + (((3+3)^3 - 3)/3) + (3 \times 3 + 3)^3 \\
&:= (44 - 4)/4 + (4 \times (444 + 4)) \\
&:= (5+5)/5 + (5 \times 5 + 5) \times (55 + 5) \\
&:= (6+6)/6 + (6 - 6 \times 6) \times (6 - 66) \\
&:= 7 + (((7+7+7)/7)^7) - 7 \times (7 \times 7 + 7) \\
&:= 8 + (((8+8)/8) \times (888 + 8/8 + 8)) \\
&:= 9 + ((9+9) \times 99 + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1803 &:= 1 + ((1+1) \times (1 + (((11-1) \times (1+1+1))^{1+1}))) \\
&:= ((2 \times 22 + 2/2)^2) - 222 \\
&:= 3 + ((3+3) \times (3 \times 3 \times 33 + 3)) \\
&:= 44/4 + (4 \times (444 + 4)) \\
&:= 5 + ((5 \times 5 + 5) \times (55 + 5) - ((5+5)/5)) \\
&:= 666/6 + (6 \times (6 \times 6 \times 6 + 66)) \\
&:= 77/7 + ((7+7) \times ((7+7)/7)^7) \\
&:= 88/8 + (8 \times ((8 \times (8+8) + 88) + 8)) \\
&:= 9 + ((9+9) \times 99 + ((99+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1804 &:= (1+1) \times (11 \times (1 + (11-1-1)^{1+1})) \\
&:= 2 \times (((2 \times (2+2) + 22)^2) + 2) \\
&:= 3 + (((3+3) \times (3 \times 3 \times 33 + 3)) + 3/3) \\
&:= 44 + (4 \times (444 - 4)) \\
&:= 5 + ((5 \times 5 + 5) \times (55 + 5) - 5/5) \\
&:= 6 + ((6 - 6 \times 6) \times (6 - 66) - ((6+6)/6)) \\
&:= 7 + (7777/7 + (7 \times 7 \times (7+7))) \\
&:= 8 + (((8 \times 8 \times (8 \times 8 - 8)) + 8)/(8+8)/8) \\
&:= 99/9 \times (((9+9)/9) + 9 \times (9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1805 &:= (1+1)^{11} - (1 + ((1+1) \times 11^{1+1})) \\
&:= 2^{22/2} - (22^2 + 2)/2 \\
&:= 3 \times 3^3 + ((3 \times 3 + 3)^3 - (3/3 + 3)) \\
&:= 44 + ((4 \times (444 - 4)) + 4/4) \\
&:= 5 + (5 \times 5 + 5) \times (55 + 5) \\
&:= 6 + ((6 - 6 \times 6) \times (6 - 66) - 6/6) \\
&:= 7 + (((7+7) \times ((7+7)/7)^7) - 7/7) + 7 \\
&:= (88/8 + 8) \times (88 - 8/8 + 8) \\
&:= (9+9) \times 99 + ((99+99+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1806 &:= (1+1)^{11} - ((1+1) \times 11^{1+1}) \\
&:= 2^{22/2} - 22^2/2 \\
&:= 3 \times (((33/3)^3) - 3^{3+3}) \\
&:= ((4 - 4/4) + 4) \times ((4+4)/4 + 4^4) \\
&:= 5 + ((5 \times 5 + 5) \times (55 + 5) + 5/5) \\
&:= 6 + (6 - 6 \times 6) \times (6 - 66) \\
&:= 7 + (((7+7) \times ((7+7)/7)^7) + 7) \\
&:= 8 + (((8+8)/8) \times (888 + 88/8)) \\
&:= ((9+9)/9) \times (((99+9)/9) + 9 \times 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1807 &:= 1 + ((1+1)^{11} - ((1+1) \times 11^{1+1})) \\
&:= 2^{22/2} + ((2 - 22^2)/2) \\
&:= 3/3 + (((3 \times 3 + 3)^3 - 3) + 3 \times 3^3) \\
&:= (4 \times (444 + 4 + 4)) - 4/4 \\
&:= 5 + ((5 \times 5 + 5) \times (55 + 5) + ((5+5)/5)) \\
&:= 6 + ((6 - 6 \times 6) \times (6 - 66) + 6/6) \\
&:= 7 + (((7+7) \times ((7+7)/7)^7) + 7/7) + 7 \\
&:= 8 \times 88 + (8888/8 - 8) \\
&:= 9 + (((9+9) \times 99 - ((9+9)/9)) + 9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1808 &:= (1+1)^{11} - ((1+1) \times (11^{1+1} - 1)) \\
&:= 2 \times (2 \times (2 \times ((222 + 2) + 2))) \\
&:= 3 \times 3^3 + ((3 \times 3 + 3)^3 - 3/3) \\
&:= 4 \times (444 + 4 + 4) \\
&:= (55/5 + 5) \times (555 + 5 + 5)/5 \\
&:= 6 + ((6 - 6 \times 6) \times (6 - 66) + ((6+6)/6)) \\
&:= (7/7 + 7) \times (((7+7)/7)^7 + 7 \times (7+7)) \\
&:= (8+8) \times ((888 + 8 + 8)/8) \\
&:= 9 + (((9+9) \times 99 - 9/9) + 9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1809 &:= 1 + ((1+1)^{11} - ((1+1) \times (11^{1+1} - 1))) \\
&:= 2 + (((2 - 22^2)/2) + 2^{22/2}) \\
&:= 3 \times (3 \times (33 \times (3+3) + 3)) \\
&:= 4/4 + (4 \times (444 + 4 + 4)) \\
&:= 5 + (((5 \times 5 + 5) \times (55 + 5) - 5/5) + 5) \\
&:= (66 + 6/6) \times ((66 \times 6/(6+6)) - 6) \\
&:= 7 + (((7+7+7)/7)^7) - 7 \times (7 \times 7 + 7) + 7 \\
&:= 8/8 + ((8+8) \times ((888 + 8 + 8)/8)) \\
&:= 9 + ((9+9) \times 99 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1810 &:= (11-1) \times (1 + (11 + (1+1+11)^{1+1})) \\
&:= 2 + ((2 \times 22 - 2)^2 + 2 \times 22) \\
&:= 3/3 + ((3 \times 3 + 3)^3 + 3 \times 3^3) \\
&:= (4+4)/4 + (4 \times (444 + 4 + 4)) \\
&:= 5 + ((5 \times 5 + 5) \times (55 + 5) + 5) \\
&:= (6 - 6/6) \times (6 \times (66 - 6) + ((6+6)/6)) \\
&:= 7 + (((7+7) \times ((7+7)/7)^7) + (77/7)) \\
&:= ((8+8)/8) \times ((888 + 8/8 + 8) + 8) \\
&:= 9 + (((9+9) \times 99 + 9/9) + 9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1811 &:= 11 + ((1+1) \times (((11-1) \times (1+1+1))^{1+1})) \\
&:= 22/2 + (2 \times ((2 \times (2+2) + 22)^2)) \\
&:= 3 + (((3 \times 3 + 3)^3 - 3/3) + 3 \times 3^3) \\
&:= 4 + ((4 \times (444 + 4 + 4)) - 4/4) \\
&:= 55/5 + (5 \times 5 + 5) \times (55 + 5) \\
&:= 66/6 + (6 - 6 \times 6) \times (6 - 66) \\
&:= 777 + (7777/7 - 77) \\
&:= 8 + ((8 \times ((8 \times (8+8) + 88) + 8)) + (88/8)) \\
&:= 9 + (((9+9) \times 99 + (99/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1812 &:= (1+1+1) \times (11 \times (111-1)/(1+1) - 1) \\
&:= 2 \times ((2 \times (2 \times ((222 + 2) + 2))) + 2) \\
&:= 3 + ((3 \times 3 + 3)^3 + 3 \times 3^3) \\
&:= 4 + (4 \times (444 + 4 + 4)) \\
&:= (5/5 + 5) \times ((5 \times (55 + 5)) + ((5+5)/5)) \\
&:= 6 + ((6 - 6 \times 6) \times (6 - 66) + 6) \\
&:= (7 \times (7 \times 7 \times 7 - 77 - 7)) - 7/7 \\
&:= ((88 + 8)/8) \times ((88 - 8/8) + 8 \times 8) \\
&:= 9 + (((9+9) \times 99 + ((99+9)/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1813 &:= (1+1)^{11} - (11 + ((1+1) \times (1 + 11))) \\
&:= (2 \times 22)^2 - ((22/2)^2 + 2) \\
&:= 3 + (((3 \times 3 + 3)^3 + 3 \times 3^3) + 3/3) \\
&:= 4 + ((4 \times (444 + 4 + 4)) + 4/4) \\
&:= (5 \times (5 \times (55 + 5))) + (5^5 + 5)/(5 + 5) \\
&:= 6 + (((6 - 6 \times 6) \times (6 - 66) + 6/6) + 6) \\
&:= 7 \times (7 \times 7 \times 7 - 77 - 7) \\
&:= 8 + ((88/8 + 8) \times (88 - 8/8 + 8)) \\
&:= 9 + (((99+99)/9) + (9+9) \times 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1814 &:= (11 \times (11 \times (1+1+1+1+11))) - 1 \\
&:= 22 + (2 \times (2 \times (2 \times (222 + 2)))) \\
&:= ((33 \times ((3+3) \times 3^3 + 3)) - 3)/3 \\
&:= 4 + ((4 \times (444 + 4 + 4)) + (4+4)/4) \\
&:= 55 + ((55 \times ((5+5)/5)^5) - 5/5) \\
&:= 6 + (((6 - 6 \times 6) \times (6 - 66) + ((6+6)/6)) + 6) \\
&:= 7/7 + (7 \times (7 \times 7 \times 7 - 77 - 7)) \\
&:= 8 \times 88 + (8888 - 8)/8 \\
&:= 9 + (((99+99+9)/9) + (9+9) \times 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1815 &:= 11 \times (11 \times (1+1+1+1+11)) \\
&:= (2 \times 22)^2 - (22/2)^2 \\
&:= 33 + (3 \times 3 \times 33 \times (3+3)) \\
&:= 44 + (4 \times 444 - (4/4 + 4)) \\
&:= 55 + (55 \times ((5+5)/5)^5) \\
&:= (6 - 6/6) \times 66 \times 66/(6+6) \\
&:= (7/7 + 7 + 7) \times (((7+7)/7)^7 - 7) \\
&:= 8 \times 88 + 8888/8 \\
&:= 99/9 \times (((9+9+9)/9) + 9 \times (9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1816 &:= 1 + (11 \times (11 \times (1 + 1 + 1 + 1 + 11))) \\
&:= 2 \times ((2 \times 2 \times 222) - 2) + 22 \\
&:= ((33 \times ((3 + 3) \times 3^3 + 3)) + 3)/3 \\
&:= 44 + (4 \times 444 - 4) \\
&:= 5 + ((5 \times 5 + 5) \times (55 + 5) + (55/5)) \\
&:= ((6 + 6)/6 + 6) \times (6 \times 6 \times 6 + 66/6) \\
&:= 7/7 + ((7/7 + 7 + 7) \times (((7 + 7)/7)^7 - 7)) \\
&:= 88 + 8 \times (8 \times (8 + 8) + 88) \\
&:= 9 \times 9 \times 9 + (((99 \times 99) - (9 + 9))/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1817 &:= (1 + 1)^{11} - (11 \times (11 + (11 - 1))) \\
&:= 2 + ((2 \times 22)^2 - (22/2)^2) \\
&:= 3^{3+3} + (33 \times 33 - 3/3) \\
&:= 44 + ((4 \times 444 - 4) + 4/4) \\
&:= 5 \times 5 + (((5 + 5)/5)^5 \times (55 + 5/5)) \\
&:= 6 + (((6 - 6 \times 6) \times (6 - 66) + (66/6)) \\
&:= ((7 \times 7 - 7/7) \times (7 \times 7 - 77/7)) - 7 \\
&:= 8/8 + (8 \times (8 \times (8 + 8) + 88) + 88) \\
&:= 9 \times 9 \times 9 + (((99 \times 99) - 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1818 &:= 1 + ((1 + 1)^{11} - (11 \times (11 + (11 - 1)))) \\
&:= ((2 \times (22 + 2))^2) - (22^2 + 2) \\
&:= 3^{3+3} + 33 \times 33 \\
&:= 44 + (4 \times 444 - (4 + 4)/4) \\
&:= (5/5 + 5) \times ((5^5 + 5)/(5 + 5) - (5 + 5)) \\
&:= 6 + (((6 - 6 \times 6) \times (6 - 66) + 6) + 6) \\
&:= (77/7 + 7) \times (7777/77) \\
&:= 8 + (((8 + 8)/8) \times ((888 + 8/8 + 8) + 8)) \\
&:= (9 + 9) \times ((9 + 9)/9 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1819 &:= 1 + (1 + ((1 + 1)^{11} - (11 \times (11 + (11 - 1))))) \\
&:= 2 + (((2 \times 22)^2 - (22/2)^2) + 2) \\
&:= 3/3 + (33 \times 33 + 3^{3+3}) \\
&:= 44 + (4 \times 444 - 4/4) \\
&:= 5^5 - (((5/5 + 5)^{5-5/5} + 5) + 5) \\
&:= (66/6 + 6) \times (6 \times (6 + 6 + 6) - 6/6) \\
&:= 7 + ((7 \times (7 \times 7 \times 7 - 77 - 7)) - 7/7) \\
&:= (8/8 + 8 + 8) \times ((88/8 + 88) + 8) \\
&:= 9/9 + ((9 + 9) \times ((9 + 9)/9 + 99))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1820 &:= (11 - 1) \times ((1 + 1 + 11) \times (1 + (1 + 1 + 11))) \\
&:= 2 \times ((2 \times 2 \times 222) + 22) \\
&:= 3 + ((33 \times 33 - 3/3) + 3^{3+3}) \\
&:= 44 + 4 \times 444 \\
&:= (5 \times (5 \times (5 \times (5 + 5 + 5)))) - 55 \\
&:= (6 \times 6 - 6/6) \times (((6 + 6)/6)^6 - (6 + 6)) \\
&:= 7 + (7 \times (7 \times 7 \times 7 - 77 - 7)) \\
&:= (8 - 8/8) \times ((8 \times 8 \times 8 + 8)/(8 + 8)/8) \\
&:= (99/9 + 9) \times ((9/9 + 9 \times 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1821 &:= (1 + 1)^{11} - (1 + ((1 + 1) \times (1 + 1 + 11))) \\
&:= 2/2 + (2 \times ((2 \times 2 \times 222) + 22)) \\
&:= 3 + (33 \times 33 + 3^{3+3}) \\
&:= 44 + (4 \times 444 + 4/4) \\
&:= 5^5 + (((5 - (5^5 + 5^5))/5) - 55) \\
&:= 6 + ((6 - 6/6) \times 66 \times 66/(6 + 6)) \\
&:= 7 + ((7 \times (7 \times 7 \times 7 - 77 - 7)) + 7/7) \\
&:= 8 + (((88/8 + 8) \times (88 - 8/8 + 8)) + 8) \\
&:= 9 + (((9 + 9) \times 99 + ((99 + 9)/9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1822 &:= (1 + 1)^{11} - ((1 + 1) \times (1 + 1 + 11)) \\
&:= 222 + (2 \times (22 - 2))^2 \\
&:= 3 + ((33 \times 33 + 3^{3+3}) + 3/3) \\
&:= 44 + (4 \times 444 + (4 + 4)/4) \\
&:= 5 + (((5 + 5)/5)^5 \times (55 + 5/5)) + 5 \times 5 \\
&:= 6 + (((6 + 6)/6 + 6) \times (6 \times 6 \times 6 + 66/6)) \\
&:= 7 + ((7/7 + 7 + 7) \times (((7 + 7)/7)^7 - 7)) \\
&:= 8 + ((8888 - 8)/8 + 8 \times 88) \\
&:= 9 \times 9 \times 9 + (9999/9 - (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1823 &:= (1 + 1)^{11} - (1 + ((1 + 1) \times (1 + 11))) \\
&:= (2 \times 22)^2 - (222/2 + 2) \\
&:= 3 \times 33 + ((3 \times 3 + 3)^3 - (3/3 + 3)) \\
&:= 4 + ((4 \times 444 - 4/4) + 44) \\
&:= ((5/5 + 5) \times (5^5 + 5)/(5 + 5)) - 55 \\
&:= 6 + (((6 - 6 \times 6) \times (6 - 66) + (66/6)) + 6) \\
&:= 77 + ((77/7 + 7) \times (7 \times (7 + 7) - 7/7)) \\
&:= 8 + (8888/8 + 8 \times 88) \\
&:= (9 + 9) \times 99 + ((9 \times 9 \times 9 + 9)/(9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1824 &:= (1 + 1)^{11} - ((1 + 1) \times (1 + 11)) \\
&:= 2^{22/2} - (222 + 2) \\
&:= 3 \times 33 + ((3 \times 3 + 3)^3 - 3) \\
&:= 4 + (4 \times 444 + 44) \\
&:= 5^5 - (((5/5 + 5)^{5-5/5} + 5) + 5) \\
&:= 66 + ((6 \times 6 + 6) \times (6 \times 6 + 6) - 6) \\
&:= (7 \times 7 - 7/7) \times (7 \times 7 - 77/7) \\
&:= (88 + 8) \times (88/8 + 8) \\
&:= ((99 + 9)/9) \times (9 \times (9 + 9) - (9/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1825 &:= (1 + 1)^{11} - (1 + (1 + 1) \times 111) \\
&:= (2 \times 22)^2 - 222/2 \\
&:= 3/3 + (((3 \times 3 + 3)^3 - 3) + 3 \times 33) \\
&:= 44 \times 44 - 444/4 \\
&:= 5 \times ((5/5 + 5) \times (55 + 5) + 5) \\
&:= (6 - 6/6) \times ((6 \times (66 - 6) - 6/6) + 6) \\
&:= 7 + ((77/7 + 7) \times (7777/77)) \\
&:= 8/8 + ((88 + 8) \times (88/8 + 8)) \\
&:= ((9 + 9) \times (999/9 - 9)) - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1826 &:= (1 + 1)^{11} - (1 + 1) \times 111 \\
&:= 2^{22/2} - 222 \\
&:= 3 \times 33 + ((3 \times 3 + 3)^3 - 3/3) \\
&:= 44 \times 44 + ((4 - 444)/4) \\
&:= 5^5 - (((5 - 5/5)^5 + 5 \times 55) \\
&:= (((6 + 6)/6)^{66/6}) - (6 \times 6 \times 6 + 6) \\
&:= 777/7 + (7 \times (7 \times (7 \times 7 - (7 + 7)))) \\
&:= (8 + 8)/8 + ((88 + 8) \times (88/8 + 8)) \\
&:= 9 + (((99 \times 99) - 9)/9) + 9 \times 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1827 &:= 1 + ((1 + 1)^{11} - (1 + 1) \times 111) \\
&:= (((2 \times 22) - 2/2)^2) - 22 \\
&:= 3 \times 33 + (3 \times 3 + 3)^3 \\
&:= (4 - 4/4) \times ((4/4 + 4)^4 - 4 \times 4) \\
&:= (5 - (5 + 5)/5) \times (((5^5 - 55)/5) - 5) \\
&:= 6 + (((6 - 6/6) \times 66 \times 66/(6 + 6)) + 6) \\
&:= 7 + ((7 \times (7 \times 7 \times 7 - 77 - 7)) + 7) \\
&:= (8/8 + 8) \times (8 \times (8 + 8 + 8) + (88/8)) \\
&:= 9 + ((9 + 9) \times ((9 + 9)/9 + 99))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1828 &:= (1 + 1)^{11} - ((1 + 1) \times (111 - 1)) \\
&:= 2 + (2^{22/2} - 222) \\
&:= 3/3 + ((3 \times 3 + 3)^3 + 3 \times 33) \\
&:= 4 + ((4 \times 444 + 44) + 4) \\
&:= 5^5 - (((5/5 + 5)^{5-5/5} + 5/5) \\
&:= ((6 + 6)/6)^6 + (6 \times 6 + 6) \times (6 \times 6 + 6) \\
&:= 7 + (((7 \times (7 \times 7 \times 7 - 77 - 7)) + 7/7) + 7) \\
&:= ((8 \times (8 \times (8 \times 8 - 8) + 8)) + 8)/((8 + 8)/8) \\
&:= 9 + (((9 + 9) \times ((9 + 9)/9 + 99)) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1829 &:= 1 + ((1 + 1)^{11} - ((1 + 1) \times (111 - 1))) \\
&:= 2 + (((2 \times 22) - 2/2)^2) - 22 \\
&:= ((33 \times 333 + 3)/(3 + 3)) - 3 \\
&:= 4 + (44 \times 44 - 444/4) \\
&:= 5^5 - ((5/5 + 5)^{5-5/5}) \\
&:= 66 + ((6 \times 6 + 6) \times (6 \times 6 + 6) - 6/6) \\
&:= 7 + (((7/7 + 7 + 7) \times (((7 + 7)/7)^7 - 7)) + 7) \\
&:= 8 \times 8 + ((888 - 88/8) + 888) \\
&:= 9 + ((99/9 + 9) \times ((9/9 + 9 \times 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1830 &:= (1 + 1 + 1) \times (11 \times 111 - 1)/(1 + 1) \\
&:= 2 + ((2^{22/2} - 222) + 2) \\
&:= 3 + ((3 \times 3 + 3)^3 + 3 \times 33) \\
&:= 4 + (((4 - 444)/4) + 44 \times 44) \\
&:= (5/5 + 5) \times ((5 \times (55 + 5)) + 5) \\
&:= 66 + (6 \times 6 + 6) \times (6 \times 6 + 6) \\
&:= (7 - 7/7) \times (7 \times (7 \times 7 - 7) + (77/7)) \\
&:= (8 - 8/8 + 8) \times ((888 + 88)/8) \\
&:= 9 \times 9 \times 9 + (((9999 - 9)/9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1831 &:= ((11 \times (1 + 1 + 1) \times 111) - 1) / (1 + 1) \\
&:= 2 + (((2 \times 22) - 2/2^2) - 22) + 2 \\
&:= (33 \times 333 - 3) / (3 + 3) \\
&:= 44 + (4 \times 444 + 4/4) \\
&:= 5 + (5^5 - ((5 - 5/5)^5 + 5 \times 55)) \\
&:= 66 + ((6 \times 6 + 6) \times (6 \times 6 + 6) + 6/6) \\
&:= 7 + ((7 \times 7 - 7/7) \times (7 \times 7 - 77/7)) \\
&:= 8 + ((8888/8 + 8 \times 88) + 8) \\
&:= 9 \times 9 \times 9 + (9999/9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1832 &:= (1 + (11 \times (1 + 1 + 1) \times 111)) / (1 + 1) \\
&:= 2 \times (2 \times (22^2 - (22 + 2 + 2))) \\
&:= (33 \times 333 + 3) / (3 + 3) \\
&:= 44 + ((4 \times (444 + 4)) - 4) \\
&:= ((5 + 5) / 5)^5 + (5 \times 5 + 5) \times (55 + 5) \\
&:= (((6 + 6) / 6)^{66/6}) - 6 \times 6 \times 6 \\
&:= 77 + ((7 - 7/7 + 7) \times (((7 + 7) / 7)^7 + 7)) \\
&:= 8 + ((88 + 8) \times (88/8 + 8)) \\
&:= 9 \times 9 \times 9 + ((9999 + 9) / 9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1833 &:= (1 + 1 + 1) \times (1 + 11 \times 111) / (1 + 1) \\
&:= (((2 \times 22) - 2/2^2) - 2^{2+2}) \\
&:= (3 \times ((3 + 3) \times (3 \times 33 + 3))) - 3 \\
&:= ((44 - 4/4)^{(4+4)/4}) - 4 \times 4 \\
&:= 5 + (5^5 - (((5/5 + 5)^{5-5/5}) + 5/5)) \\
&:= 6 \times 6 \times (66 - 6 - 6) - 666/6 \\
&:= 7 + ((7 \times (7 \times (7 \times 7 - (7 + 7)))) + 777/7) \\
&:= 8 + (((88 + 8) \times (88/8 + 8)) + 8/8) \\
&:= (9 + 9) \times (99 + 9) - 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1834 &:= (1 + (1 + 1 + 11)) \times ((11 \times (1 + 11)) - 1) \\
&:= 2 + (2 \times (2 \times (22^2 - (22 + 2 + 2)))) \\
&:= 3 + ((33 \times 333 - 3) / (3 + 3)) \\
&:= 44 + ((4 \times (444 + 4)) - (4 + 4) / 4) \\
&:= 5 + (5^5 - ((5/5 + 5)^{5-5/5})) \\
&:= (6 + 6 + 6) \times (6 \times 6 + 66) - (6 + 6) / 6 \\
&:= 7 \times (((7 \times 7 \times 77) - 7) / (7 + 7)) - 7 \\
&:= 8 + (((88 + 8) \times (88/8 + 8)) + ((8 + 8) / 8)) \\
&:= ((9 + 9) / 9) \times (999 - (9/9 + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1835 &:= 1 + (1 + 1 + 1 + 11) \times (11 \times (1 + 11) - 1) \\
&:= 2 + (((2 \times 22) - 2/2^2) - 2^{2+2}) \\
&:= 3 + ((33 \times 333 + 3) / (3 + 3)) \\
&:= 44 + ((4 \times (444 + 4)) - 4/4) \\
&:= 5 \times ((5^5 - 5) / (5 + 5) + 55) \\
&:= (6 + 6 + 6) \times (6 \times 6 + 66) - 6/6 \\
&:= 7 \times 77 + (7 - 7/7)^{77/7-7} \\
&:= 88/8 + ((88 + 8) \times (88/8 + 8)) \\
&:= ((9 + 9) \times (999/9 - 9)) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1836 &:= (1 + 11) \times ((11 \times (1 + (1 + 1 + 11))) - 1) \\
&:= 2 \times ((2 \times (2 \times (222 + 2))) + 22) \\
&:= 3 \times ((3 + 3) \times (3 \times 33 + 3)) \\
&:= 44 + (4 \times (444 + 4)) \\
&:= 5/5 + (5 \times ((5^5 - 5) / (5 + 5) + 55)) \\
&:= (6 + 6 + 6) \times (6 \times 6 + 66) \\
&:= (77 + 7) / 7 \times ((77 - 7/7) + 77) \\
&:= ((88 + 8) / 8) \times ((8 \times 8 + 88) + 8/8) \\
&:= (9 + 9) \times (999/9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1837 &:= 11 \times ((1 + 1 + 11)^{1+1} - (1 + 1)) \\
&:= 22/2 \times (((22/2 + 2)^2) - 2) \\
&:= 3/3 + (3 \times ((3 + 3) \times (3 \times 33 + 3))) \\
&:= 44 + ((4 \times (444 + 4)) + 4/4) \\
&:= 5 \times 55 + ((5^5 - 5/5) / ((5 + 5) / 5)) \\
&:= 6/6 + (6 + 6 + 6) \times (6 \times 6 + 66) \\
&:= (((7 + 7 + 7) / 7)^7) - (7 \times 7 \times 7 + 7) \\
&:= 88/8 \times ((888/8 - 8) + 8 \times 8) \\
&:= 9/9 + ((9 + 9) \times (999/9 - 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1838 &:= 111 + (((1 + 11)^{1+1+1}) - 1) \\
&:= (((2 \times 22) - 2/2^2) - 22/2) \\
&:= (3 \times 3 + 3)^3 + ((333 - 3) / 3) \\
&:= 4 \times 444 + (4^4 - 4 - 4) / 4 \\
&:= 5 \times 55 + ((5^5 + 5/5) / ((5 + 5) / 5)) \\
&:= 6 + (((6 + 6) / 6)^{66/6}) - 6 \times 6 \times 6 \\
&:= 7 + (((7 \times 7 - 7/7) \times (7 \times 7 - 77/7)) + 7) \\
&:= 8 \times 8 + (((8 + 8) / 8) \times (888 - 8/8)) \\
&:= 9 \times 9 \times 9 + ((9999 - (9 + 9)) / 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1839 &:= 111 + ((1 + 11)^{1+1+1}) \\
&:= 2 + (22/2 \times (((22/2 + 2)^2) - 2)) \\
&:= 3 + (3 \times ((3 + 3) \times (3 \times 33 + 3))) \\
&:= 4 \times 444 + ((4^4 - 4) / 4) \\
&:= 5 + ((5^5 - ((5/5 + 5)^{5-5/5})) + 5) \\
&:= 666/6 + (6 \times 6 \times (6 \times 6 + 6 + 6)) \\
&:= 777 + (7777/7 - 7 \times 7) \\
&:= 8 \times 8 + ((888 - 8/8) + 888) \\
&:= 9 \times 9 \times 9 + ((9999 - 9) / 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1840 &:= 1 + (111 + ((1 + 11)^{1+1+1})) \\
&:= 2 \times (2 \times (22^2 - (22 + 2))) \\
&:= 3^{3+3} + 3333/3 \\
&:= 4 \times (444 + 4 \times 4) \\
&:= 5 \times ((5^5 + 5) / (5 + 5) + 55) \\
&:= ((6 \times 6 / (6 + 6))^6) + (6666/6) \\
&:= 77 + (((7 + 7) \times (77 + 7 \times 7)) - 7/7) \\
&:= 8 \times 8 + (888 + 888) \\
&:= 9 \times 9 \times 9 + 9999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1841 &:= 1 + (1 + (111 + ((1 + 11)^{1+1+1}))) \\
&:= (((2 \times 22) - 2/2^2) - 2 \times (2 + 2)) \\
&:= 3^{3+3} + ((3333 + 3) / 3) \\
&:= 4/4 + (4 \times (444 + 4 \times 4)) \\
&:= 5/5 + (5 \times ((5^5 + 5) / (5 + 5) + 55)) \\
&:= 6 + ((6 + 6 + 6) \times (6 \times 6 + 66) - 6/6) \\
&:= 7 \times (((7 + 7) / 7)^{7+7/7}) + 7 \\
&:= 8/8 + ((888 + 888) + 8 \times 8) \\
&:= 9 \times 9 \times 9 + (9999 + 9) / 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1842 &:= 1 + (1 + (1 + (111 + ((1 + 11)^{1+1+1})))) \\
&:= 2 + (2 \times (2 \times (22^2 - (22 + 2)))) \\
&:= (3 \times (3 \times (3 + 3)^3 - 33)) - 3 \\
&:= (4 + 4) / 4 + (4 \times (444 + 4 \times 4)) \\
&:= (5/5 + 5) \times (5^5 - 55) / (5 + 5) \\
&:= 6 + (6 + 6 + 6) \times (6 \times 6 + 66) \\
&:= (((7/7 - 7) + 7 \times 7)^{(7+7)/7}) - 7 \\
&:= 8 \times 8 + (((8 + 8) / 8) \times (888 + 8/8)) \\
&:= 9 + ((9 + 9) \times (99 + 9) - 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1843 &:= 11^{1+1+1} + (1 + 1)^{11-1-1} \\
&:= (((2 \times 22) - 2/2^2) - (2 + 2 + 2)) \\
&:= 3 + (3333/3 + 3^{3+3}) \\
&:= 4 + (4 \times 444 + ((4^4 - 4) / 4)) \\
&:= (5 \times (5 \times (5 \times (5 + 5 + 5)))) - ((5 + 5) / 5)^5 \\
&:= (((6 \times 6 + 6) / 6) + 6)^{(6+6)/6} - 6 \\
&:= ((7 + 7) / 7)^7 + (7 \times (7 \times (7 \times 7 - (7 + 7)))) \\
&:= (88/8 + 8) \times ((8/8 + 88) + 8) \\
&:= (9/9 + 9 + 9) \times (99 - ((9 + 9) / 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1844 &:= 1 + (11^{1+1+1} + (1 + 1)^{11-1-1}) \\
&:= 2 \times ((2 \times (22^2 - 22)) - 2) \\
&:= (3 \times 3^{3+3}) - (((3/3 + 3) + 3)^3) \\
&:= 4 + (4 \times (444 + 4 \times 4)) \\
&:= (5 - 5/5)^5 + ((55 \times (5 + 5 + 5)) - 5) \\
&:= 6 + (((6 + 6) / 6)^{66/6}) - 6 \times 6 \times 6 + 6 \\
&:= (((7 + 7 + 7) / 7)^7) - 7 \times 7 \times 7 \\
&:= 8 + (((88 + 8) / 8) \times ((8 \times 8 + 88) + 8/8)) \\
&:= (9 + 9) \times (99 + 9) - (9/9 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1845 &:= (1 + 1 + 1) \times (11 \times (1 + 11)) / (1 + 1) - 1) \\
&:= (((2 \times 22) - 2/2^2) - 2 - 2) \\
&:= 3 \times (3 \times (3 + 3)^3 - 33) \\
&:= ((44 - 4/4)^{(4+4)/4}) - 4 \\
&:= (5 \times ((5 \times (5 \times (5 + 5 + 5)))) - 5) - 5 \\
&:= (6 - 6/6) \times (66 \times 66 / (6 + 6) + 6) \\
&:= 7/7 + (((7 + 7 + 7) / 7)^7) - 7 \times 7 \times 7 \\
&:= 888 + (88/8 \times (88 - 8/8)) \\
&:= (9 + 9) \times (99 + 9) - 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1846 &:= (1+1+11) \times ((1+11)^{1+1} - (1+1)) \\
&:= 2 \times (2 \times (22^2 - 22)) - 2 \\
&:= 3/3 + (3 \times (3 \times (3+3)^3 - 33)) \\
&:= 4 + ((4 \times (444+4 \times 4)) + (4+4)/4) \\
&:= ((55 \times 555/5) + 5^5)/5 \\
&:= 6 + (((6 \times 6/(6+6))^6) + (6666/6)) \\
&:= ((7+7)/7) \times ((77 \times (77+7) - 7)/7) \\
&:= 8 + (((8+8)/8) \times (888-8/8)) + 8 \times 8 \\
&:= 9/9 + ((9+9) \times (99+9) - 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1847 &:= (11 \times ((1+1+11)^{1+1} - 1)) - 1 \\
&:= (((2 \times 22) - 2/2)^2) - 2 \\
&:= 3 + ((3 \times 3^{3+3}) - (((3/3+3) + 3)^3)) \\
&:= (44 \times (44 - (4+4)/4)) - 4/4 \\
&:= 5 + ((5/5+5) \times (5^5 - 55)/(5+5)) \\
&:= 66/6 + (6+6+6) \times (6 \times 6 + 66) \\
&:= 777 + (77 \times (7+7) - (7/7+7)) \\
&:= 888 + ((8 \times (8 \times (8+8) - 8)) - 8/8) \\
&:= (9+9)/9 + ((9+9) \times (99+9) - 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1848 &:= 11 \times ((1+1+11)^{1+1} - 1) \\
&:= 2 \times (2 \times (22^2 - 22)) \\
&:= 3 + (3 \times (3 \times (3+3)^3 - 33)) \\
&:= 44 \times (44 - (4+4)/4) \\
&:= (5/5+5) \times ((5^5+5)/(5+5) - 5) \\
&:= 66 \times (((66+66)/6) + 6) \\
&:= 77 \times (((77-7)/7+7) + 7) \\
&:= 88 \times ((88+8+8)/8+8) \\
&:= 9 + ((9999-9)/9) + 9 \times 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1849 &:= (((1+1) \times (11+11)) - 1)^{1+1} \\
&:= ((2 \times 22) - 2/2)^2 \\
&:= ((3 \times 3 + 33) + 3/3)^{3-3/3} \\
&:= (44 - 4/4)^{(4+4)/4} \\
&:= (5 - 5/5)^5 + (55 \times (5+5+5)) \\
&:= ((6 \times 6 + 6/6) + 6)^{(6+6)/6} \\
&:= ((7/7 - 7) + 7 \times 7)^{(7+7)/7} \\
&:= 8/8 + ((8 \times (8 \times (8+8) - 8)) + 888) \\
&:= 9 + (9999/9 + 9 \times 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1850 &:= 1 + (((1+1) \times (11+11)) - 1)^{1+1} \\
&:= 2 + (2 \times (2 \times (22^2 - 22))) \\
&:= (3 \times 3 + 3)^3 + ((3^{3+3} + 3)/(3+3)) \\
&:= 4/4 + ((44 - 4/4)^{(4+4)/4}) \\
&:= 5 \times ((5 \times (5 \times (5+5+5))) - 5) \\
&:= 6/6 + (((6 \times 6 + 6/6) + 6)^{(6+6)/6}) \\
&:= 7/7 + (((7/7 - 7) + 7 \times 7)^{(7+7)/7}) \\
&:= 8 + (((8+8)/8) \times (888+8/8)) + 8 \times 8 \\
&:= 9 + ((9999+9)/9 + 9 \times 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1851 &:= 1 + (1 + (((1+1) \times (11+11)) - 1)^{1+1}) \\
&:= 2 + (((2 \times 22) - 2/2)^2) \\
&:= (3 \times 3^{3+3}) - (333+3) \\
&:= 44/4 + (4 \times (444+4 \times 4)) \\
&:= 5/5 + (5 \times ((5 \times (5 \times (5+5+5))) - 5)) \\
&:= ((66/6+6) \times 666/6) - 6 \times 6 \\
&:= 7 + (((7+7+7)/7)^7) - 7 \times 7 \times 7 \\
&:= 8 + ((88/8+8) \times ((8/8+88) + 8)) \\
&:= 9 \times 9 + ((9+9) \times 99 - ((99+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1852 &:= (1+1) \times ((1+11111)/(1+11)) \\
&:= 2 \times ((2 \times (22^2 - 22)) + 2) \\
&:= 3 + (((3 \times 3 + 33) + 3/3)^{3-3/3}) \\
&:= 4 + (44 \times (44 - (4+4)/4)) \\
&:= (5+5)/5 + (5 \times ((5 \times (5 \times (5+5+5))) - 5)) \\
&:= 666 + ((66 \times (6+6+6)) - ((6+6)/6)) \\
&:= ((7-77)/7) + (7 \times (7 \times 7 - 77)) \\
&:= 88 \times (8+8) + 888/((8+8)/8) \\
&:= 9 \times 9 + ((9+9) \times 99 - (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1853 &:= 1 + ((1+1) \times ((1+11111)/(1+11))) \\
&:= 2 + (((2 \times 22) - 2/2)^2) + 2 \\
&:= (3 \times 3 + 3)^3 + ((3-3/3+3)^3) \\
&:= 4 + ((44 - 4/4)^{(4+4)/4}) \\
&:= 5 + ((5/5+5) \times ((5^5+5)/(5+5) - 5)) \\
&:= 666 + ((66 \times (6+6+6)) - 6/6) \\
&:= 777 + (77 \times (7+7) - ((7+7)/7)) \\
&:= (8/8+8+8) \times ((888 - (8+8))/8) \\
&:= 9 \times 9 + ((9+9) \times 99 - (9/9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1854 &:= (1+1) \times (1 + ((1+11111)/(1+11))) \\
&:= 2 + (2 \times ((2 \times (22^2 - 22)) + 2)) \\
&:= (3 \times 3^{3+3}) - 333 \\
&:= 4 + (((44 - 4/4)^{(4+4)/4}) + 4/4) \\
&:= 5 + ((55 \times (5+5+5)) + (5-5/5)^5) \\
&:= 666 + (66 \times (6+6+6)) \\
&:= 777 + (77 \times (7+7) - 7/7) \\
&:= 888 + ((88 \times 88 - (8+8))/8) \\
&:= 9 \times 9 + ((9+9) \times 99 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1855 &:= (11 \times (1+1+11)^{1+1}) - 1 - 1 - 1 - 1 \\
&:= 2 + (((2 \times 22) - 2/2)^2) + 2 + 2 \\
&:= 3/3 + ((3 \times 3^{3+3}) - 333) \\
&:= 44 \times 44 - (4 - 4/4)^4 \\
&:= 5 + (5 \times ((5 \times (5 \times (5+5+5))) - 5)) \\
&:= 6 + (((6 \times 6 + 6/6) + 6)^{(6+6)/6}) \\
&:= 777 + 77 \times (7+7) \\
&:= 888 + ((88 \times 88 - 8)/8) \\
&:= 9/9 + (((9+9) \times 99 - 9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1856 &:= (11 \times (1+1+11)^{1+1}) - 1 - 1 - 1 \\
&:= 2 \times (2 \times 222 + 22^2) \\
&:= ((3/3+3)^3) \times ((3^3 - 3/3) + 3) \\
&:= 4 \times ((444+4 \times 4) + 4) \\
&:= (55/5+5) \times (555/5+5) \\
&:= ((6+6)/6)^6 \times (6 \times 6 - (6/6+6)) \\
&:= 7 + (((7/7 - 7) + 7 \times 7)^{(7+7)/7}) \\
&:= 8 \times (((8 \times (8+8) + 88) + 8) + 8) \\
&:= 9 \times 9 + (((9+9) \times 99 - 9) + ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1857 &:= (11 \times (1+1+11)^{1+1}) - 1 - 1 \\
&:= 2 \times (2+2) + (((2 \times 22) - 2/2)^2) \\
&:= 3 + ((3 \times 3^{3+3}) - 333) \\
&:= 4 \times 444 + (4 - 4/4)^4 \\
&:= (5 - (5+5)/5) \times ((5^5 - 5)/5 - 5) \\
&:= 6 + (((66/6+6) \times 666/6) - 6 \times 6) \\
&:= ((7+7)/7) + (77 \times (7+7) + 777) \\
&:= 888 + ((88 \times 88 + 8)/8) \\
&:= 9 + (((9999-9)/9) + 9 \times 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1858 &:= (11 \times (1+1+11)^{1+1}) - 1 \\
&:= 2 + (2 \times (2 \times 222 + 22^2)) \\
&:= 3 + (((3 \times 3^{3+3}) - 333) + 3/3) \\
&:= 4/4 + (4 \times 444 + (4 - 4/4)^4) \\
&:= ((5 - (5+5)/5) \times ((5^5+5)/(5+5) - 5)) - 5 \\
&:= ((6+6)/6)^6 + ((6-6 \times 6) \times (6-66) - 6) \\
&:= 7 + (((7+7+7)/7)^7) - 7 \times 7 \times 7 + 7 \\
&:= 888 + (88 \times 88 + 8 + 8)/8 \\
&:= 9 + ((9999/9 + 9 \times 9 \times 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1859 &:= 11 \times (1+1+11)^{1+1} \\
&:= 22/2 \times ((22/2+2)^2) \\
&:= 3 + (((3/3+3)^3) \times ((3^3 - 3/3) + 3)) \\
&:= 4 + (44 \times 44 - (4 - 4/4)^4) \\
&:= (((5+5+5) \times (5^5/5 - 5)) - 5)/5 \\
&:= 66/6 \times ((6/6+6+6)^{(6+6)/6}) \\
&:= 77/7 \times ((7-7/7+7)^{(7+7)/7}) \\
&:= 88/8 \times ((88-8+88) + 8/8) \\
&:= 99/9 \times ((9 \times (9+9) - ((9+9)/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1860 &:= 1 + (11 \times (1+1+11)^{1+1}) \\
&:= 2 \times ((2 \times 222 + 22^2) + 2) \\
&:= (3 \times (3 \times ((3+3)^3 - 3 \times 3)) - 3) \\
&:= 4 + (4 \times ((444+4 \times 4) + 4)) \\
&:= (5+5+5) \times (5 \times 5 \times 5 - 5/5) \\
&:= (6-66) \times (6 - (6 \times 6 + 6/6)) \\
&:= (7 \times (7 \times 7 - 77)) - (7+7)/7 \\
&:= 8 + (888/((8+8)/8) + 88 \times (8+8)) \\
&:= 9 \times 9 + ((9+9) \times 99 - ((9+9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1861 &:= 1 + (1 + (11 \times (1 + 1 + 11))^{1+1}) \\
&:= 2 + (22/2 \times ((22/2 + 2)^2)) \\
&:= 3/3 + ((3 \times (3 \times ((3 + 3)^3 - 3 \times 3)) - 3) \\
&:= 4 + (4 \times 444 + (4 - 4/4)^4) \\
&:= (((5 + 5 + 5) \times (5^5/5 - 5)) + 5)/5 \\
&:= 6 + (((6 \times 6 + 6/6) + 6)^{(6+6)/6}) + 6 \\
&:= (7 \times (7 \times 7 \times 7 - 77)) - 7/7 \\
&:= 8 + ((8/8 + 8 + 8) \times ((888 - (8 + 8))/8)) \\
&:= 9 \times 9 + ((9 + 9) \times 99 - ((9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1862 &:= 1 + (1 + (1 + (11 \times (1 + 1 + 11))^{1+1})) \\
&:= (2 \times (2 \times (2 \times 222 + 22))) - 2 \\
&:= (((3 \times (3 + 3))^3 - 3)/3) - 3 \times 3^3 \\
&:= 44 \times 44 + ((4 - (44 + 4^4))/4) \\
&:= 5 + ((5 - (5 + 5)/5) \times ((5^5 - 5)/5 - 5)) \\
&:= 6 + (((6 + 6)/6)^6 \times (6 \times 6 - (6/6 + 6))) \\
&:= 7 \times (7 \times 7 \times 7 - 77) \\
&:= 88 + (((8 + 8)/8) \times (888 - 8/8)) \\
&:= 9 \times 9 + ((9 + 9) \times 99 - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1863 &:= (1 + (11 + 11)) \times (11 - 1 - 1)^{1+1} \\
&:= (22 + 2/2) \times ((2/2 + 2)^{2+2}) \\
&:= 3 \times (3 \times ((3 + 3)^3 - 3 \times 3)) \\
&:= (4 - 4/4) \times ((4/4 + 4)^4 - 4) \\
&:= (5 - (5 + 5)/5) \times ((5^5 + 5)/5 - 5) \\
&:= (6 \times (6 \times (66 + 6))) - ((6 \times 6/(6 + 6))^6) \\
&:= 7/7 + (7 \times (7 \times 7 \times 7 - 77)) \\
&:= 8 + (((88 \times 88 - 8)/8) + 888) \\
&:= 9 \times (99 + 99 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1864 &:= 1 + ((1 + (11 + 11)) \times (11 - 1 - 1)^{1+1}) \\
&:= 2 \times (2 \times (2 \times 222 + 22)) \\
&:= 3/3 + (3 \times (3 \times ((3 + 3)^3 - 3 \times 3)) \\
&:= 44 + (4 \times 444 + 44) \\
&:= 5^5 - (((55 + 5^5) + 5^5)/5) \\
&:= ((6 + 6)/6)^6 + (6 - 6 \times 6) \times (6 - 66) \\
&:= ((7 + 7)/7) + (7 \times (7 \times 7 \times 7 - 77)) \\
&:= 88 + (888 + 888) \\
&:= 9/9 + ((9 + 9) \times 99 + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1865 &:= 1 + (1 + ((1 + (11 + 11)) \times (11 - 1 - 1)^{1+1})) \\
&:= 2^{2+2} + (((2 \times 22) - 2/2)^2) \\
&:= 3 + (((3 \times (3 + 3))^3 - 3)/3) - 3 \times 3^3 \\
&:= 4 \times 4 + ((44 - 4/4)^{(4+4)/4}) \\
&:= (5 \times (5 \times (5 \times (5 + 5 + 5)))) - 5 - 5 \\
&:= 66 + ((6 - 6 \times 6) \times (6 - 66) - 6/6) \\
&:= ((7 + 7 + 7)/7) + (7 \times (7 \times 7 \times 7 - 77)) \\
&:= 8 + (((88 \times 88 + 8)/8) + 888) \\
&:= 9 \times 9 + ((9 + 9) \times 99 + ((9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1866 &:= (1 + 1 + 1) \times (11 + (1 + 11 \times 111)/(1 + 1)) \\
&:= 2 + (2 \times (2 \times (2 \times 222 + 22))) \\
&:= 3 + (3 \times (3 \times ((3 + 3)^3 - 3 \times 3)) \\
&:= (4 - 4/4) \times (((4/4 + 4)^4 - 4) + 4/4) \\
&:= 5 + (((5 + 5 + 5) \times (5^5/5 - 5)) + 5)/5 \\
&:= 66 + (6 - 6 \times 6) \times (6 - 66) \\
&:= 77/7 + (77 \times (7 + 7) + 777) \\
&:= 88 + (((8 + 8)/8) \times (888 + 8/8)) \\
&:= 9 \times 9 + ((9 + 9) \times 99 + ((9 + 9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1867 &:= (11 \times (1 + (1 + 1 + 11))^{1+1}) - 1 - 1 - 1 \\
&:= 2 + (((2 \times 22) - 2/2)^2) + 2^{2+2} \\
&:= 3 + ((3 \times (3 \times ((3 + 3)^3 - 3 \times 3)) + 3/3) \\
&:= 4 + ((4 - 4/4) \times ((4/4 + 4)^4 - 4)) \\
&:= ((5/5 + 5) \times (5^5 - 5)/(5 + 5)) - 5 \\
&:= 66 + ((6 - 6 \times 6) \times (6 - 66) + 6/6) \\
&:= 7 + ((7 \times (7 \times 7 \times 7 - 77)) - ((7 + 7)/7)) \\
&:= 888 + 88/8 \times (8/8 + 88) \\
&:= 9 + (((9999/9 + 9 \times 9 \times 9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1868 &:= (11 \times (1 + (1 + 1 + 11))^{1+1}) - 1 - 1 \\
&:= 2 \times ((2 \times (2 \times 222 + 22)) + 2) \\
&:= ((3^3 - 3) \times (3 \times 3^3 - 3)) - (3/3 + 3) \\
&:= (4^4 \times (4 + 4)) - (4 \times 44 + 4) \\
&:= 5 + ((5 - (5 + 5)/5) \times ((5^5 + 5)/5 - 5)) \\
&:= (6 \times (6 - 6 \times 6)) + (((6 + 6)/6)^{66/6}) \\
&:= 7 + ((7 \times (7 \times 7 \times 7 - 77)) - 7/7) \\
&:= 88 + (((8 + 8)/8) \times (888 + ((8 + 8)/8))) \\
&:= (((9 + 9)/9)^{99/9}) - (99 + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1869 &:= (11 \times (1 + (1 + 1 + 11))^{1+1}) - 1 \\
&:= 22 + (((2 \times 22) - 2/2)^2) - 2 \\
&:= ((3^3 - 3) \times (3 \times 3^3 - 3)) - 3 \\
&:= ((4 - 4^4)/4) + (44 \times 44 - 4) \\
&:= 5^5 - (((5^5 + 5^5 + 5)/5) + 5) \\
&:= 66 \times (6 \times 6 - 6) - 666/6 \\
&:= 7 + (7 \times (7 \times 7 \times 7 - 77)) \\
&:= (8 - 8/8) \times ((8 + 8) \times (8 + 8) + (88/8)) \\
&:= 99 + ((9 + 9) \times 99 - ((99 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1870 &:= 11 \times (1 + (1 + 1 + 11))^{1+1} \\
&:= 22 + (2 \times (2 \times (22^2 - 22))) \\
&:= 3/3 + (((3^3 - 3) \times (3 \times 3^3 - 3)) - 3) \\
&:= (4 \times 4 + 4/4) \times (444 - 4)/4 \\
&:= (5 \times (5 \times (5 \times (5 + 5 + 5)))) - 5 \\
&:= (66/6 + 6) \times ((666 - 6)/6) \\
&:= 7 + ((7 \times (7 \times 7 \times 7 - 77)) + 7/7) \\
&:= (8/8 + 8 + 8) \times (888 - 8)/8 \\
&:= 99 + ((9 + 9) \times 99 - (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1871 &:= 1 + (11 \times (1 + (1 + 1 + 11))^{1+1}) \\
&:= 22 + (((2 \times 22) - 2/2)^2) \\
&:= ((3^3 - 3) \times (3 \times 3^3 - 3)) - 3/3 \\
&:= 44 \times 44 - (4^4 + 4)/4 \\
&:= 5^5 + (((5 - (5^5 + 5^5))/5) - 5) \\
&:= (6 \times ((6 \times (6 \times 6 + 6) - 6) + 66)) - 6/6 \\
&:= 7 + ((7 \times (7 \times 7 \times 7 - 77)) + ((7 + 7)/7)) \\
&:= 8 \times (88 + 8) + (8888/8 - 8) \\
&:= 9 + (((9 + 9) \times 99 - 9/9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1872 &:= (1 + 1 + 11) \times (1 + 11)^{1+1} \\
&:= 2 \times (2 \times (22^2 - 2^{2+2})) \\
&:= (3^3 - 3) \times (3 \times 3^3 - 3) \\
&:= 4 \times ((4^4 - 44) + 4^4) \\
&:= (5/5 + 5) \times (5^5 - 5)/(5 + 5) \\
&:= 6 \times ((6 \times (6 \times 6 + 6) - 6) + 66) \\
&:= (77/7 + 7) \times (777/7 - 7) \\
&:= (8 + 8) \times (8 \times (8 + 8) - (88/8)) \\
&:= 9 + ((9 + 9) \times 99 + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1873 &:= 1 + ((1 + 1 + 11) \times (1 + 11))^{1+1} \\
&:= 2 + (((2 \times 22) - 2/2)^2) + 22 \\
&:= 3/3 + ((3^3 - 3) \times (3 \times 3^3 - 3)) \\
&:= ((4 - 4^4)/4) + 44 \times 44 \\
&:= 5^5 - ((5 + 5)/5) \times (5^5 + 5)/5 \\
&:= 6/6 + (6 \times ((6 \times (6 \times 6 + 6) - 6) + 66)) \\
&:= 77/7 + (7 \times (7 \times 7 \times 7 - 77)) \\
&:= 8/8 + ((8 + 8) \times (8 \times (8 + 8) - (88/8))) \\
&:= 9 + (((9 + 9) \times 99 + 9 \times 9) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1874 &:= (1 + 1) \times ((1 + 1)^{11} - 1111) \\
&:= 2 + (2 \times (2 \times (22^2 - 2^{2+2}))) \\
&:= 3 + (((3^3 - 3) \times (3 \times 3^3 - 3)) - 3/3) \\
&:= 44 \times 44 + (((4 - 4^4) + 4)/4) \\
&:= 5^5 - ((5^5 + 5^5 + 5)/5) \\
&:= 6 + (((6 + 6)/6)^{66/6}) + (6 \times (6 - 6 \times 6)) \\
&:= 777 + (7777/7 - (7 + 7)) \\
&:= 8 + (((8 + 8)/8) \times (888 + 8/8)) + 88 \\
&:= 9 \times 9 + ((9 + 9) \times 99 + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1875 &:= 1 + ((1 + 1) \times ((1 + 1)^{11} - 1111)) \\
&:= (2/2 + 2) \times ((2/2 + 2 + 2)^{2+2}) \\
&:= 3 + ((3^3 - 3) \times (3 \times 3^3 - 3)) \\
&:= (4 - 4/4) \times (4/4 + 4)^4 \\
&:= 5 \times (5 \times (5 \times (5 + 5 + 5))) \\
&:= 6 + (66 \times (6 \times 6 - 6) - 666/6) \\
&:= 7 + (((7 \times (7 \times 7 \times 7 - 77)) - 7/7) + 7) \\
&:= (8/8 + 8 + 8 + 8) \times (88/8 + 8 \times 8) \\
&:= 9 \times 9 + ((9 + 9) \times 99 + ((99 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1876 &:= (1+1) \times (1 + ((1+1)^{11} - 1111)) \\
&:= 2 \times ((2 \times (22^2 - 2^{2+2})) + 2) \\
&:= (3^3 + 3/3) \times (((3/3 + 3)^3) + 3) \\
&:= 4 + (4 \times ((4^4 - 44) + 4^4)) \\
&:= 5^5 + ((5 - (5^5 + 5^5))/5) \\
&:= 6 + ((66/6 + 6) \times ((666 - 6)/6)) \\
&:= 7 + ((7 \times (7 \times 7 \times 7 - 77)) + 7) \\
&:= 88 + (((8 \times 8 \times (8 \times 8 - 8)) - 8)/(8 + 8)/8) \\
&:= 99 + (((9 - 99)/(9 + 9)) + (9 + 9) \times 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1877 &:= 1 + ((1+1) \times (1 + ((1+1)^{11} - 1111))) \\
&:= 2 + ((2 \times 22 - 2)^2 + 222/2) \\
&:= (3 \times 3 \times (3 + 3)^3) - (((3/3 + 3)^3) + 3) \\
&:= 4 + (((4 - 4^4)/4) + 44 \times 44) \\
&:= 5 + ((5/5 + 5) \times (5^5 - 5)/(5 + 5)) \\
&:= 6 \times 6 \times (66 - 6 - 6) - (66 + 6/6) \\
&:= 7 + (((7 \times (7 \times 7 \times 7 - 77)) + 7/7) + 7) \\
&:= (8/8 - (8 \times 8 \times 88))/(8 - 88/8) \\
&:= (((9 + 9)/9)^{99/9}) - (9 \times (9 + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1878 &:= (1+1)^{11} - (1 + (1 + 1 + 11)^{1+1}) \\
&:= 2 + (2 \times ((2 \times (22^2 - 2^{2+2})) + 2)) \\
&:= (33 \times ((3^3 + 3^3) + 3)) - 3 \\
&:= (4 - 4/4) \times ((4/4 + 4)^4 + 4/4) \\
&:= (5/5 + 5) \times (5^5 + 5)/(5 + 5) \\
&:= 6 \times 6 \times (66 - 6 - 6) - 66 \\
&:= 7 + (((7 \times (7 \times 7 \times 7 - 77)) + ((7 + 7)/7)) + 7) \\
&:= 8 + ((8/8 + 8 + 8) \times (888 - 8)/8) \\
&:= (((9 - 9/9) + 9) \times 999/9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1879 &:= (1+1)^{11} - (1 + 1 + 11)^{1+1} \\
&:= 2^{22/2} - ((22/2 + 2)^2) \\
&:= 3 + ((3^3 + 3/3) \times (((3/3 + 3)^3) + 3)) \\
&:= 4 + ((4 - 4/4) \times (4/4 + 4)^4) \\
&:= 5 + (5^5 - ((5^5 + 5^5) + 5)/5) \\
&:= 6/6 + (6 \times 6 \times (66 - 6 - 6) - 66) \\
&:= 7 + ((77/7 + 7) \times (777/7 - 7)) \\
&:= 8 \times (88 + 8) + 8888/8 \\
&:= 99 + ((9 + 9) \times 99 - ((9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1880 &:= 1 + ((1+1)^{11} - (1 + 1 + 11)^{1+1}) \\
&:= 2 \times (2 \times ((22^2 - 2^{2+2}) + 2)) \\
&:= (3 \times 3 \times (3 + 3)^3) - ((3/3 + 3)^3) \\
&:= (44 - 4) \times (44 - 4/4 + 4) \\
&:= 5 + (5 \times (5 \times (5 \times (5 + 5 + 5)))) \\
&:= 6 \times 6 \times (66 - 6 - 6) - ((6 + 6)/6)^6 \\
&:= 7 + ((7 \times (7 \times 7 \times 7 - 77)) + (77/7)) \\
&:= 8 + ((8 + 8) \times (8 \times (8 + 8) - (88/8))) \\
&:= 99 + ((9 + 9) \times 99 - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1881 &:= 11 \times (1 + (1 + (1 + 1 + 11)^{1+1})) \\
&:= 22/2 \times (((22/2 + 2)^2) + 2) \\
&:= 33 \times ((3^3 + 3^3) + 3) \\
&:= 44/4 \times (4 \times 44 - (4/4 + 4)) \\
&:= 5 + ((5 \times (5 \times (5 \times (5 + 5 + 5)))) + 5/5) \\
&:= ((66/6 + 6) \times 666/6) - 6 \\
&:= 777 + (7777/7 - 7) \\
&:= (88/8 + 8) \times (88/8 + 88) \\
&:= 99 + (9 + 9) \times 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1882 &:= 1 + (11 \times (1 + (1 + (1 + 1 + 11)^{1+1}))) \\
&:= (2 \times ((2 \times (22^2 - 2)) - 22)) - 2 \\
&:= 3/3 + (33 \times ((3^3 + 3^3) + 3)) \\
&:= 4 + ((4 - 4/4) \times ((4/4 + 4)^4 + 4/4)) \\
&:= 5 + (((5/5 + 5) \times (5^5 - 5)/(5 + 5)) + 5) \\
&:= 6 + (((66/6 + 6) \times ((666 - 6)/6)) + 6) \\
&:= 777 + ((7777 + 7)/7 - 7) \\
&:= 8/8 + ((88/8 + 8) \times (88/8 + 88)) \\
&:= 9/9 + ((9 + 9) \times 99 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1883 &:= 11 + ((1 + 1 + 11) \times (1 + 11)^{1+1}) \\
&:= 2 + (22/2 \times (((22/2 + 2)^2) + 2)) \\
&:= 3 + ((3 \times 3 \times (3 + 3)^3) - ((3/3 + 3)^3)) \\
&:= 4 + (((4 - 4/4) \times (4/4 + 4)^4) + 4) \\
&:= 5 + ((5/5 + 5) \times (5^5 + 5)/(5 + 5)) \\
&:= 6 + (6 \times 6 \times (66 - 6 - 6) - (66 + 6/6)) \\
&:= 7 \times (((7 \times 7 \times 77) - 7)/(7 + 7)) \\
&:= 8 + ((8/8 + 8 + 8 + 8) \times (88/8 + 8 \times 8)) \\
&:= 99 + ((9 + 9) \times 99 + ((9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1884 &:= (1 + 11) \times (1 + ((1 + 11) \times (1 + 1 + 11))) \\
&:= 2 \times (2 \times (22^2 - 2)) - 22 \\
&:= 3 + (33 \times ((3^3 + 3^3) + 3)) \\
&:= 44 + (4 \times (444 + 4 \times 4)) \\
&:= 5 + ((5^5 - ((5^5 + 5^5) + 5)/5) + 5) \\
&:= 6 + (6 \times 6 \times (66 - 6 - 6) - 66) \\
&:= 7/7 + (7 \times (((7 \times 7 \times 77) - 7)/(7 + 7))) \\
&:= 88 + (((8 \times 8 \times (8 \times 8 - 8)) + 8)/(8 + 8)/8) \\
&:= (9 + 9) \times 99 + (999/9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1885 &:= (1 + 1 + 11) \times (1 + (1 + 11)^{1+1}) \\
&:= (22/2)^2 + (2 \times 22 - 2)^2 \\
&:= 3 + ((33 \times ((3^3 + 3^3) + 3)) + 3/3) \\
&:= 4 + (44/4 \times (4 \times 44 - (4/4 + 4))) \\
&:= 5 + ((5 \times (5 \times (5 \times (5 + 5 + 5)))) + 5) \\
&:= (6/6 - 66) \times ((6/6 - 6 \times 6) + 6) \\
&:= ((7 + 7)/7) + (7 \times (((7 \times 7 \times 77) - 7)/(7 + 7))) \\
&:= 8 + ((8/8 - (8 \times 8 \times 88))/(8 - 88/8)) \\
&:= (9 + 9) \times 99 + (((999 + 9)/9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1886 &:= 1 + ((1 + 1 + 11) \times (1 + (1 + 11)^{1+1})) \\
&:= 2 + (2 \times ((2 \times (22^2 - 2)) - 22)) \\
&:= (3^3 - 3/3 - 3) \times (3 \times 3^3 + 3/3) \\
&:= 4 \times 444 + (444 - 4)/4 \\
&:= 5^5 + (((55 - (5^5 + 5^5))/5) \\
&:= ((66/6 + 6) \times 666/6) - 6/6 \\
&:= ((7 \times 7 \times 77) - 7/7)/((7 + 7)/7) \\
&:= ((8/8 + 8 + 8) \times 888/8) - 8/8 \\
&:= (((9 + 9)/9)^{99/9}) - 9 \times (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1887 &:= 111 \times (1 + (1 + 1)^{1+1+1+1}) \\
&:= 222/2 \times (2^{2+2} + 2/2) \\
&:= (3 \times 3 \times ((3 + 3)^3 - (3 + 3))) - 3 \\
&:= (4 - 4/4) \times ((4/4 + 4)^4 + 4) \\
&:= (5 - (5 + 5)/5) \times ((5^5 - 5)/5 + 5) \\
&:= (66/6 + 6) \times 666/6 \\
&:= 777 + (7777 - 7)/7 \\
&:= (8/8 + 8 + 8) \times 888/8 \\
&:= ((9 - 9/9) + 9) \times 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1888 &:= 1 + (111 \times (1 + (1 + 1)^{1+1+1+1})) \\
&:= 2 \times (2 \times 22^2 - (22 + 2)) \\
&:= 3/3 + ((3 \times (3 \times ((3 + 3)^3 - (3 + 3)))) - 3) \\
&:= (4 + 4) \times (4^4 - (4 \times 4 + 4)) \\
&:= ((5 + 5)/5)^5 \times (55 - 5/5 + 5) \\
&:= 6/6 + ((66/6 + 6) \times 666/6) \\
&:= 777 + 7777/7 \\
&:= (8 + 8) \times ((888 - 8)/8 + 8) \\
&:= 999 + (9 \times 99 - ((9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1889 &:= ((1 + 1) \times (11 - 1)^{1+1+1}) - 111 \\
&:= 2 + (222/2 \times (2^{2+2} + 2/2)) \\
&:= (3 \times (3 \times ((3 + 3)^3 - (3 + 3)))) - 3/3 \\
&:= 4/4 + ((4 + 4) \times (4^4 - (4 \times 4 + 4))) \\
&:= ((5/5 + 5)^5 / (5 - 5/5)) - 55 \\
&:= ((6 + 6 + 6) \times (666/6 - 6)) - 6/6 \\
&:= 777 + (7777 + 7)/7 \\
&:= 8 + ((88/8 + 8) \times (88/8 + 88)) \\
&:= 999 + (9 \times 99 - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1890 &:= 1 + (((1 + 1) \times (11 - 1)^{1+1+1}) - 111) \\
&:= (2 \times 22)^2 - ((2 \times 22) + 2) \\
&:= 3 \times (3 \times ((3 + 3)^3 - (3 + 3))) \\
&:= (44 + 4/4) \times (44 - (4 + 4)/4) \\
&:= (5 + 5 + 5) \times (5 \times 5 \times 5 + 5/5) \\
&:= (6 + 6 + 6) \times (666/6 - 6) \\
&:= (7 + 7) \times (((7 + 7)/7)^7 + 7) \\
&:= (8 - 8/8 + 8) \times (8 \times (8 + 8) - ((8 + 8)/8)) \\
&:= 999 + 9 \times 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1891 &:= (1+1)^{11} - (1 + ((1+11) \times (1+1+11))) \\
&:= (2 \times 22)^2 - (2 \times 22 + 2/2) \\
&:= 3/3 + (3 \times (3 \times ((3+3)^3 - (3+3)))) \\
&:= 44 \times 44 - (44 + 4/4) \\
&:= (((5+5+5) \times (5^5/5+5)) + 5)/5 \\
&:= 6 + ((6/6 - 66) \times ((6/6 - 6 \times 6) + 6)) \\
&:= 7/7 + ((7+7) \times (((7+7)/7)^7 + 7)) \\
&:= 8 + (((8/8 + 8 + 8 + 8) \times (88/8 + 8 \times 8)) + 8) \\
&:= 9/9 + (999 + 9 \times 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1892 &:= 11 \times (1 + (1 + (1 + (1 + 1 + 11)^{1+1}))) \\
&:= 2 \times (2 \times 22^2 - 22) \\
&:= 3 + ((3 \times (3 \times ((3+3)^3 - (3+3)))) - 3/3) \\
&:= 44 \times (44 - 4/4) \\
&:= 5 + ((5 - (5+5)/5) \times ((5^5 - 5)/5 + 5)) \\
&:= 6 + (((66/6 + 6) \times 666/6) - 6/6) \\
&:= ((7+7)/7) + ((7+7) \times (((7+7)/7)^7 + 7)) \\
&:= 88 \times (8+8) + 88 \times 88/(8+8) \\
&:= 99 + ((9+9) \times 99 + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1893 &:= (1+1)^{11} - (11 + (1+11)^{1+1}) \\
&:= 2/2 + (2 \times (2 \times 22^2 - 22)) \\
&:= 3 + (3 \times (3 \times ((3+3)^3 - (3+3)))) \\
&:= 4/4 + (44 \times (44 - 4/4)) \\
&:= (5 - (5+5)/5) \times ((5^5 + 5)/5 + 5) \\
&:= 6 + ((66/6 + 6) \times 666/6) \\
&:= (7 \times (7 - 7 \times 7)) + (((7+7+7)/7)^7) \\
&:= ((8+8) \times (888/8 + 8)) - 88/8 \\
&:= (9+9) \times 99 + 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1894 &:= (1+1)^{11} - (11 \times (1 + (1 + 1 + 11))) \\
&:= 2 + (2 \times (2 \times 22^2 - 22)) \\
&:= 3 + ((3 \times (3 \times ((3+3)^3 - (3+3)))) + 3/3) \\
&:= (4+4)/4 + (44 \times (44 - 4/4)) \\
&:= 5 + (((5/5 + 5)^5 / (5 - 5/5)) - 55) \\
&:= 6 + (((66/6 + 6) \times 666/6) + 6/6) \\
&:= 7 + ((7777 - 7)/7 + 777) \\
&:= 8 + (((8/8 + 8 + 8) \times 888/8) - 8/8) \\
&:= (9+9) \times 99 + (999+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1895 &:= 1 + ((1+1)^{11} - (11 \times (1 + (1 + 1 + 11)))) \\
&:= 2 + ((2 \times (2 \times 22^2 - 22)) + 2/2) \\
&:= ((3^3 - 3/3) \times (((3+3)^3 + 3)/3)) - 3 \\
&:= 4 + 44 \times 44 - (44 + 4/4) \\
&:= (5 \times ((5 \times (5 \times (5 + 5 + 5))) + 5)) - 5 \\
&:= (6 - 6/6) \times (6 \times 66 - (66/6 + 6)) \\
&:= 7 + (7777/7 + 777) \\
&:= 8 + ((8/8 + 8 + 8) \times 888/8) \\
&:= 9 + (((9+9)/9)^{99/9} - 9 \times (9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1896 &:= (1+11) \times ((1+1+11)^{1+1} - 11) \\
&:= 2 \times ((2 \times 22^2 - 22) + 2) \\
&:= 3 + ((3 \times (3 \times ((3+3)^3 - (3+3)))) + 3) \\
&:= 4 + 44 \times (44 - 4/4) \\
&:= 5 + (((5+5+5) \times (5^5/5+5)) + 5)/5 \\
&:= 6 + ((6+6+6) \times (666/6 - 6)) \\
&:= 7 + ((7777+7)/7 + 777) \\
&:= (8+8+8) \times (88 - (8/8+8)) \\
&:= 9 + (((9-9/9) + 9) \times 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1897 &:= 1 + ((1+11) \times ((1+1+11)^{1+1} - 11)) \\
&:= 2/2 + ((2 \times 22)^2 + (2 \times (2 - 22))) \\
&:= (((3 \times (3+3))^3 - 33)/3) - (33+3) \\
&:= 4 + ((44 \times (44 - 4/4)) + 4/4) \\
&:= 5 \times 5 + ((5/5 + 5) \times (5^5 - 5)/(5 + 5)) \\
&:= 66 \times (6+6) + ((6666/6) - 6) \\
&:= 7 + ((7+7) \times (((7+7)/7)^7 + 7)) \\
&:= 8/8 + ((8+8+8) \times (88 - (8/8+8))) \\
&:= 9 + ((999 - ((9+9)/9)) + 9 \times 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1898 &:= (1+1+11) \times (1 + (1 + (1 + 11)^{1+1})) \\
&:= 2 + ((2 \times 22)^2 + (2 \times (2 - 22))) \\
&:= (3^3 - 3/3) \times (((3+3)^3 + 3)/3) \\
&:= 4 + ((44 \times (44 - 4/4)) + (4+4)/4) \\
&:= 5 + ((5 - (5+5)/5) \times ((5^5 + 5)/5 + 5)) \\
&:= ((66/6 + 6) \times (666 + 6)/6) - 6 \\
&:= 7 + (((7+7) \times (((7+7)/7)^7 + 7)) + 7/7) \\
&:= 8 + ((8 - 8/8 + 8) \times (8 \times (8+8) - ((8+8)/8))) \\
&:= 9 + ((9 \times 99 - 9/9) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1899 &:= (11 - 1 - 1) \times ((1+1) \times 111 - 11) \\
&:= (2/2 + 2)^2 \times (222 - 22/2) \\
&:= 3 \times ((3 \times ((3+3)^3 - (3+3))) + 3) \\
&:= (4 - 4/4) \times (((4/4 + 4)^4 + 4) + 4) \\
&:= (5 \times ((5 \times (5 \times (5 + 5 + 5))) + 5)) - 5/5 \\
&:= 6 + (((66/6 + 6) \times 666/6) + 6) \\
&:= 777 + ((7777 + 77)/7) \\
&:= 88/8 + ((8+8) \times ((888 - 8)/8 + 8)) \\
&:= 9 + (999 + 9 \times 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1900 &:= (11 - 1)^{1+1} \times (((1+1) \times (11 - 1)) - 1) \\
&:= 2 \times ((2 \times (22^2 + 2)) - 22) \\
&:= (((3 \times (3+3))^3 - 33)/3) - 33 \\
&:= 4 + ((44 \times (44 - 4/4)) + 4) \\
&:= 5 \times ((5 \times (5 \times (5 + 5 + 5))) + 5) \\
&:= (6 - 6/6) \times (((6 - 66)/6) - 6) + 6 \times 66 \\
&:= (7/7 + 7 \times 7) \times (7 \times 7 - 77/7) \\
&:= (88/8 + 8) \times (((88 + 8)/8) + 88) \\
&:= (9/9 + 9 + 9) \times (9/9 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1901 &:= 1 + ((11 - 1)^{1+1} \times (((1+1) \times (11 - 1)) - 1)) \\
&:= 2/2 + (2 \times ((2 \times (22^2 + 2)) - 22)) \\
&:= 3 + ((3^3 - 3/3) \times (((3+3)^3 + 3)/3)) \\
&:= 4 + (((44 \times (44 - 4/4)) + 4/4) + 4) \\
&:= 5/5 + (5 \times ((5 \times (5 \times (5 + 5 + 5))) + 5)) \\
&:= (6 \times (6 \times (6 \times 6 + 6) + 66)) - 6/6 - 6 \\
&:= 77/7 + ((7+7) \times (((7+7)/7)^7 + 7)) \\
&:= 888 + (8 \times 8 \times (8+8) - (88/8)) \\
&:= 99/9 + (999 + 9 \times 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1902 &:= (1+1)^{11} - (1 + (1 + (1 + 11)^{1+1})) \\
&:= 2 + (2 \times ((2 \times (22^2 + 2)) - 22)) \\
&:= (3 \times (3 \times (3+3)^3 - 3)) - 33 \\
&:= 44 \times 44 + ((44 - 4)/4 - 44) \\
&:= (5/5 + 5) \times ((5^5 - 5)/(5 + 5) + 5) \\
&:= (6 \times (6 \times (6 \times 6 + 6) + 66)) - 6 \\
&:= 7 + ((7777/7 + 777) + 7) \\
&:= ((8+8)/8) \times ((888 - 8/8) + 8 \times 8) \\
&:= 9 + ((9+9) \times 99 + 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1903 &:= (1+1)^{11} - (1 + (1 + 11)^{1+1}) \\
&:= (2 \times 22)^2 - (22/2 + 22) \\
&:= 3 + (((3 \times (3+3))^3 - 33)/3) - 33 \\
&:= 44/4 + (44 \times (44 - 4/4)) \\
&:= 5 \times 5 + ((5/5 + 5) \times (5^5 + 5)/(5 + 5)) \\
&:= 66 \times (6+6) + (6666/6) \\
&:= 777/7 + ((7+7) \times ((7+7)/7)^7) \\
&:= ((8+8) \times (888/8 + 8)) - 8/8 \\
&:= 99/9 \times (99/9 + 9 \times (9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1904 &:= (1+1)^{11} - (1 + 11)^{1+1} \\
&:= 2 \times (2 \times (22^2 - 2 \times (2 + 2))) \\
&:= ((33/3)^3) + (((3 \times 3 + 3)^3 / 3) - 3) \\
&:= 4 \times (444 + 4 \times (4 + 4)) \\
&:= 5^5 - 55/5 \times 555/5 \\
&:= (66/6 + 6) \times (666 + 6)/6 \\
&:= (7 \times ((7 \times 7 \times 7 - 77) + 7)) - 7 \\
&:= (8+8) \times (888/8 + 8) \\
&:= ((9 - 9/9) + 9) \times ((999 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1905 &:= 1 + ((1+1)^{11} - (1 + 11)^{1+1}) \\
&:= 2 + ((2 \times 22)^2 - (22/2 + 22)) \\
&:= (3 \times ((3 \times ((3+3)^3 - 3)) - 3)) - 3 \\
&:= 4/4 + (4 \times (444 + 4 \times (4 + 4))) \\
&:= 5 + (5 \times ((5 \times (5 \times (5 + 5 + 5))) + 5)) \\
&:= 6 + (((66/6 + 6) \times 666/6) + 6) + 6 \\
&:= 7/7 + ((7 \times ((7 \times 7 \times 7 - 77) + 7)) - 7) \\
&:= 8/8 + ((8+8) \times (888/8 + 8)) \\
&:= 9 + (((9 - 9/9) + 9) \times 999/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1906 &:= 1 + (1 + ((1 + 1)^{11} - (1 + 11)^{1+1})) \\
&:= (2 \times (2 \times (22^2 - 2))) - 22 \\
&:= (3 \times (3 \times ((3 + 3)^3 - 3))) - 33/3 \\
&:= (4 + 4)/4 + (4 \times (444 + 4 \times (4 + 4))) \\
&:= 5 + ((5 \times ((5 \times (5 \times (5 + 5 + 5))) + 5)) + 5/5) \\
&:= (6 \times (6 \times (6 \times 6 + 6) + 66)) - (6 + 6)/6 \\
&:= ((7/7 + 7 + 7) \times ((7 + 7)/7)^7) - (7 + 7) \\
&:= (8 + 8)/8 + ((8 + 8) \times (888/8 + 8)) \\
&:= 9 \times 99 + (((9 + 9)/9)^{9/9+9}) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1907 &:= 1 + (1 + (1 + ((1 + 1)^{11} - (1 + 11)^{1+1}))) \\
&:= 2/2 + ((2 \times (2 \times (22^2 - 2))) - 22) \\
&:= ((33/3)^3) + ((3 \times 3 + 3)^3/3) \\
&:= 4 + ((44 \times (44 - 4/4)) + 44/4) \\
&:= 5 + ((5/5 + 5) \times ((5^5 - 5)/(5 + 5) + 5)) \\
&:= (6 \times (6 \times (6 \times 6 + 6) + 66)) - 6/6 \\
&:= 7 + ((7/7 + 7 \times 7) \times (7 \times 7 - 77/7)) \\
&:= 8 \times 8 + ((88/8 + 8) \times ((8/8 + 88) + 8)) \\
&:= 9 + (((9 \times 99 - 9/9) + 999) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1908 &:= (1 + 11) \times (1 + ((1 + 1 + 11)^{1+1} - 11)) \\
&:= 2 + ((2 \times (2 \times (22^2 - 2))) - 22) \\
&:= 3 \times ((3 \times ((3 + 3)^3 - 3)) - 3) \\
&:= 4 + (4 \times (444 + 4 \times (4 + 4))) \\
&:= (5/5 + 5) \times ((5^5 + 5)/(5 + 5) + 5) \\
&:= 6 \times (6 \times (6 \times 6 + 6) + 66) \\
&:= (77/7 + 7) \times ((7 \times (7 + 7) + 7/7) + 7) \\
&:= ((8 + 8) \times (8 \times (8 + 8) - 8)) - (88 + 8)/8 \\
&:= 9 + ((999 + 9 \times 99) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1909 &:= 1 + ((1 + 11) \times (1 + ((1 + 1 + 11)^{1+1} - 11))) \\
&:= (22 + 2/2) \times (((2/2 + 2)^{2+2}) + 2) \\
&:= 3/3 + (3 \times ((3 \times ((3 + 3)^3 - 3)) - 3)) \\
&:= 44 \times 44 - (44/4 + 4 \times 4) \\
&:= 5 + (5^5 - 55/5 \times 555/5) \\
&:= 6/6 + (6 \times (6 \times (6 \times 6 + 6) + 66)) \\
&:= (7 \times ((7 \times 7 \times 7 - 77) + 7)) - (7 + 7)/7 \\
&:= ((8 + 8) \times (8 \times (8 + 8) - 8)) - 88/8 \\
&:= 9 + ((9/9 + 9 + 9) \times (9/9 + 99))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1910 &:= 11 + ((11 - 1 - 1) \times ((1 + 1) \times 111 - 11)) \\
&:= (2 \times 22)^2 - (22 + 2 + 2) \\
&:= (((3 \times (3 + 3))^3 - 3)/3) - 33 \\
&:= (4 - 44)/4 + ((4 + 4) \times (4^4 - 4 \times 4)) \\
&:= 5^5 - (5 \times ((5 - (5 + 5)/5)^5)) \\
&:= 6 + ((66/6 + 6) \times (666 + 6)/6) \\
&:= (7 \times ((7 \times 7 \times 7 - 77) + 7)) - 7/7 \\
&:= 888 + (8 \times 8 \times (8 + 8) - ((8 + 8)/8)) \\
&:= 9 + ((999 + 9 \times 99) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1911 &:= (1 + 1 + 11) \times (1 + (1 + (1 + (1 + 11)^{1+1}))) \\
&:= (2 \times 22)^2 - ((22 + 2/2) + 2) \\
&:= (3 \times 3 \times (3 + 3)^3) - 33 \\
&:= 4 \times 4^4 + (((4 + 4) \times 444 - 4)/4) \\
&:= 5^5 + (5/5 - (5 \times ((5 - (5 + 5)/5)^5))) \\
&:= 666/6 + (6 - 6 \times 6) \times (6 - 66) \\
&:= 7 \times ((7 \times 7 \times 7 - 77) + 7) \\
&:= 888 + (8 \times 8 \times (8 + 8) - 8/8) \\
&:= 9 + (((9 + 9) \times 99 + 999/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1912 &:= 1 + ((1 + 1 + 11) \times (1 + (1 + (1 + (1 + 11)^{1+1})))) \\
&:= (2 \times 22)^2 - (22 + 2) \\
&:= (((3 \times (3 + 3))^3 + 3)/3) - 33 \\
&:= (4 + 4) \times (4^4 - (4 \times 4 + 4/4)) \\
&:= 5 + (((5/5 + 5) \times ((5^5 - 5)/(5 + 5) + 5)) + 5) \\
&:= 66 \times (6 \times 6 - 6) - (((6 + 6)/6) + 66) \\
&:= 7/7 + (7 \times ((7 \times 7 \times 7 - 77) + 7)) \\
&:= 888 + 8 \times 8 \times (8 + 8) \\
&:= 9 + ((99/9) \times (99/9 + 9 \times (9 + 9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1913 &:= (1 + 1)^{11} - (1 + (1 + (1 + (11 \times (1 + 11)))))) \\
&:= (2 \times 22)^2 - (22 + 2/2) \\
&:= 3 + (((3 \times (3 + 3))^3 - 3)/3) - 33 \\
&:= 4 + (44 \times 44 - (44/4 + 4 \times 4)) \\
&:= 5 + ((5/5 + 5) \times ((5^5 + 5)/(5 + 5) + 5)) \\
&:= 66 \times (6 \times 6 - 6) - (66 + 6/6) \\
&:= ((7/7 + 7 + 7) \times ((7 + 7)/7)^7) - 7 \\
&:= 8/8 + (8 \times 8 \times (8 + 8) + 888) \\
&:= 9 + (((9 - 9/9) + 9) \times ((999 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1914 &:= (1 + 1)^{11} - (1 + (1 + (11 \times (1 + 11)))) \\
&:= (2 \times 22)^2 - 22 \\
&:= (3 \times (3 \times ((3 + 3)^3 - 3))) - 3 \\
&:= 44/4 \times (4 \times 44 - (4 + 4)/4) \\
&:= 55 \times 55 - 5555/5 \\
&:= 66 \times (6 \times 6 - (6/6 + 6)) \\
&:= 77/7 \times ((7 \times (7 + 7) - 7/7) + 77) \\
&:= (88 - 8/8) \times (88 + 88)/8 \\
&:= 99/9 \times (((99 + 9)/9) + 9 \times (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1915 &:= (1 + 1)^{11} - (1 + (11 \times (1 + 11))) \\
&:= 2/2 + ((2 \times 22)^2 - 22) \\
&:= 3 + (((3 \times (3 + 3))^3 + 3)/3) - 33 \\
&:= 44 \times 44 - ((4 \times 4 + 4/4) + 4) \\
&:= (55 \times ((5 \times 5 + 5) + 5)) - 5 - 5 \\
&:= 6/6 + (66 \times (6 \times 6 - (6/6 + 6))) \\
&:= 7 + ((77/7 + 7) \times ((7 \times (7 + 7) + 7/7) + 7)) \\
&:= 88/8 + ((8 + 8) \times (888/8 + 8)) \\
&:= 9 \times 99 + (((9 + 9)/9)^{9/9+9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1916 &:= (1 + 1)^{11} - (11 \times (1 + 11)) \\
&:= 2 + ((2 \times 22)^2 - 22) \\
&:= (((3 \times (3 + 3))^3 - 3)/3) - 3^3 \\
&:= 44 \times 44 - (4 \times 4 + 4) \\
&:= 5^5 + ((5 - (55 \times (55 + 55)))/5) \\
&:= 66 \times (6 \times 6 - 6) - ((6 + 6)/6)^6 \\
&:= 7 + ((7 \times ((7 \times 7 \times 7 - 77) + 7)) - ((7 + 7)/7)) \\
&:= ((8 + 8) \times (8 \times (8 + 8) - 8)) - (8/((8 + 8)/8)) \\
&:= 9 \times 9 \times 9 + (((99 \times (99 + 9)) - 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1917 &:= 1 + ((1 + 1)^{11} - (11 \times (1 + 11))) \\
&:= 2 + (((2 \times 22)^2 - 22) + 2/2) \\
&:= 3 \times (3 \times ((3 + 3)^3 - 3)) \\
&:= 4/4 + (44 \times 44 - (4 \times 4 + 4)) \\
&:= 5^5 + ((5 + 5)/5 \times ((5 - 55 \times 55)/5)) \\
&:= ((6 \times 6/(6 + 6))^6) + (66 \times (6 + 6 + 6)) \\
&:= 7 + ((7 \times ((7 \times 7 \times 7 - 77) + 7)) - 7/7) \\
&:= 8 + (((8 + 8) \times (8 \times (8 + 8) - 8)) - (88/8)) \\
&:= 999 + (999 - 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1918 &:= 1 + (1 + ((1 + 1)^{11} - (11 \times (1 + 11)))) \\
&:= 2 + (((2 \times 22)^2 - 22) + 2) \\
&:= 3/3 + (3 \times (3 \times ((3 + 3)^3 - 3))) \\
&:= 44 \times 44 - ((4 + 4)/4 + 4 \times 4) \\
&:= ((5 + 5)/5 + 5) \times (5 \times 55 - 5/5) \\
&:= ((6 \times 6 - 6) \times ((6 + 6)/6)^6) - (6 + 6)/6 \\
&:= 7 + (7 \times ((7 \times 7 \times 7 - 77) + 7)) \\
&:= ((8 + 8) \times (8 \times (8 + 8) - 8)) - (8 + 8)/8 \\
&:= 9 + (((9/9 + 9 + 9) \times (9/9 + 99)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1919 &:= 1 + (1 + (1 + ((1 + 1)^{11} - (11 \times (1 + 11)))))) \\
&:= (2 \times 22)^2 - (2^{2+2} + 2/2) \\
&:= 3 + (((3 \times (3 + 3))^3 - 3)/3) - 3^3 \\
&:= 44 \times 44 - (4 \times 4 + 4/4) \\
&:= (55 \times ((5 \times 5 + 5) + 5)) - (5/5 + 5) \\
&:= ((6 \times 6 - 6) \times ((6 + 6)/6)^6) - 6/6 \\
&:= 7 + ((7 \times ((7 \times 7 \times 7 - 77) + 7)) + 7/7) \\
&:= ((8 + 8) \times (8 \times (8 + 8) - 8)) - 8/8 \\
&:= (9/9 + 9 + 9) \times ((9 + 9)/9 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1920 &:= (11^{1+1} - 1) \times (1 + 1)^{1+1+1+1} \\
&:= 2 \times (2 \times (22^2 - (2 + 2))) \\
&:= 3 + (3 \times (3 \times ((3 + 3)^3 - 3))) \\
&:= (4 + 4) \times (4^4 - 4 \times 4) \\
&:= (55 + 5) \times ((5 + 5)/5)^5 \\
&:= (6 \times 6 - 6) \times ((6 + 6)/6)^6 \\
&:= (7/7 + 7 + 7) \times ((7 + 7)/7)^7 \\
&:= (8 + 8) \times (8 \times (8 + 8) - 8) \\
&:= (9/9 + 9) \times (999/9 + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1921 &:= 1 + ((11^{1+1} - 1) \times (1 + 1)^{1+1+1+1}) \\
&:= ((2^{2+2+2} - 2)^2) - 2 / 2 \\
&:= 3 + ((3 \times (3 \times ((3 + 3)^3 - 3))) + 3 / 3) \\
&:= 4 / 4 + ((4 + 4) \times (4^4 - 4 \times 4)) \\
&:= 5 / 5 + ((55 + 5) \times ((5 + 5) / 5)^5) \\
&:= 6 / 6 + ((6 \times 6 - 6) \times ((6 + 6) / 6)^6) \\
&:= 7 / 7 + ((7 / 7 + 7 + 7) \times ((7 + 7) / 7)^7) \\
&:= 8 / 8 + ((8 + 8) \times (8 \times (8 + 8) - 8)) \\
&:= 9 \times (9 \times 9 + 9) + 9999 / 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1922 &:= (1 + 1) \times ((1 + ((11 - 1) \times (1 + 1 + 1)))^{1+1}) \\
&:= ((2^{2+2+2} - 2)^2) / 2 \\
&:= (((3 \times (3 + 3))^3 + 33) / 3) - 33 \\
&:= (4 + 4) / 4 + ((4 + 4) \times (4^4 - 4 \times 4)) \\
&:= (5 + 5) / 5 + ((55 + 5) \times ((5 + 5) / 5)^5) \\
&:= 6 + (66 \times (6 \times 6 - 6) - ((6 + 6) / 6)^6) \\
&:= 77 / 7 + (7 \times ((7 \times 7 \times 7 - 77) + 7)) \\
&:= (8 + 8) / 8 + ((8 + 8) \times (8 \times (8 + 8) - 8)) \\
&:= ((9 + 9) / 9) \times ((9 \times (99 + 9)) - (99 / 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1923 &:= 1 + ((1 + 1) \times ((1 + ((11 - 1) \times (1 + 1 + 1)))^{1+1})) \\
&:= (2 \times 22)^2 - (22 / 2 + 2) \\
&:= 3 + ((3 \times (3 \times ((3 + 3)^3 - 3))) + 3) \\
&:= 4 + (44 \times 44 - (4 \times 4 + 4 / 4)) \\
&:= (((5 + 5) / 5)^{55 / 5}) - 5 \times 5 \times 5 \\
&:= 6 \times 6 + ((66 / 6 + 6) \times 666 / 6) \\
&:= (7 \times 7 \times (7 \times 7 - 7)) - (((7 + 7) / 7)^7 + 7) \\
&:= 888 + (8 \times 8 \times (8 + 8) + (88 / 8)) \\
&:= (9 + 9) \times (99 + 9) - (((99 + 9) / 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1924 &:= (1 + 1)^{11} - (1 + (1 + (1 + 11^{1+1}))) \\
&:= 2 \times (2 \times (22^2 - 2)) - 2 \\
&:= (3 \times (3 \times (3 + 3)^3 - 3)) - 33 / 3 \\
&:= 4 + ((4 + 4) \times (4^4 - 4 \times 4)) \\
&:= (55 \times ((5 \times 5 + 5) + 5)) - 5 / 5 \\
&:= (6 \times 6 + 6 / 6) \times (((6 + 6) / 6)^6 - (6 + 6)) \\
&:= (77 \times (77 / 7 + 7 + 7)) - 7 / 7 \\
&:= (8 / ((8 + 8) / 8)) + ((8 + 8) \times (8 \times (8 + 8) - 8)) \\
&:= (9 + 9) \times (99 + 9) - (99 / 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1925 &:= (1 + 1)^{11} - (1 + (1 + 11^{1+1})) \\
&:= (2 \times 22)^2 - 22 / 2 \\
&:= ((33 / 3)^3) + 3 \times 33 \times (3 + 3) \\
&:= 44 \times 44 - 44 / 4 \\
&:= 55 \times ((5 \times 5 + 5) + 5) \\
&:= (6 - 6 / 6) \times (6 \times 66 - (66 / 6)) \\
&:= 77 \times (77 / 7 + 7 + 7) \\
&:= 88 / 8 \times (888 / 8 + 8 \times 8) \\
&:= (9 + 9) \times (99 + 9) - (9 / 9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1926 &:= (1 + 1)^{11} - (1 + 11^{1+1}) \\
&:= (2 \times (2 \times (22^2 - 2))) - 2 \\
&:= 3 \times ((3 \times ((3 + 3)^3 - 3)) + 3) \\
&:= (4 - 44) / 4 + 44 \times 44 \\
&:= 5 / 5 + (55 \times ((5 \times 5 + 5) + 5)) \\
&:= 6 + ((6 \times 6 - 6) \times ((6 + 6) / 6)^6) \\
&:= 7 / 7 + (77 \times (77 / 7 + 7 + 7)) \\
&:= 8 + (((8 + 8) \times (8 \times (8 + 8) - 8)) - ((8 + 8) / 8)) \\
&:= (9 + 9) \times ((99 - 9 / 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1927 &:= (1 + 1)^{11} - 11^{1+1} \\
&:= 2 + ((2 \times 22)^2 - 22 / 2) \\
&:= 3 / 3 + (3 \times ((3 \times ((3 + 3)^3 - 3)) + 3)) \\
&:= 44 \times 44 - ((4 / 4 + 4) + 4) \\
&:= (5 + 5) / 5 + (55 \times ((5 \times 5 + 5) + 5)) \\
&:= 6 + (((6 \times 6 - 6) \times ((6 + 6) / 6)^6) + 6 / 6) \\
&:= 7 + ((7 / 7 + 7 + 7) \times ((7 + 7) / 7)^7) \\
&:= 8 + (((8 + 8) \times (8 \times (8 + 8) - 8)) - 8 / 8) \\
&:= 9 / 9 + ((9 + 9) \times ((99 - 9 / 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1928 &:= 1 + ((1 + 1)^{11} - 11^{1+1}) \\
&:= 2 \times (2 \times (22^2 - 2)) \\
&:= 33 / 3 + (3 \times (3 \times ((3 + 3)^3 - 3))) \\
&:= 44 \times 44 - 4 - 4 \\
&:= 5 + (((5 + 5) / 5)^{55 / 5}) - 5 \times 5 \times 5 \\
&:= 6 + ((66 \times (6 \times 6 - 6) - ((6 + 6) / 6)^6) + 6) \\
&:= 7 + (((7 / 7 + 7 + 7) \times ((7 + 7) / 7)^7) + 7 / 7) \\
&:= 8 + ((8 + 8) \times (8 \times (8 + 8) - 8)) \\
&:= 9 + ((9 / 9 + 9 + 9) \times ((9 + 9) / 9 + 99))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1929 &:= 1 + (1 + ((1 + 1)^{11} - 11^{1+1})) \\
&:= 2 / 2 + (2 \times (2 \times (22^2 - 2))) \\
&:= 3 + (3 \times ((3 \times ((3 + 3)^3 - 3)) + 3)) \\
&:= 4 + (44 \times 44 - 44 / 4) \\
&:= 5 + ((55 \times ((5 \times 5 + 5) + 5)) - 5 / 5) \\
&:= (((6 \times 666) - 6) / ((6 + 6) / 6)) - 66 \\
&:= (7 \times 7 \times (77 + 7)) - (((7 + 7 + 7) / 7)^7) \\
&:= 8 + (((8 + 8) \times (8 \times (8 + 8) - 8)) + 8 / 8) \\
&:= 9 + ((9 / 9 + 9) \times (999 / 9 + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1930 &:= 1 + (1 + (1 + ((1 + 1)^{11} - 11^{1+1}))) \\
&:= 2 + (2 \times (2 \times (22^2 - 2))) \\
&:= (((3 \times (3 + 3))^3 - 33) / 3) - 3 \\
&:= 44 \times 44 - ((4 + 4) / 4 + 4) \\
&:= 5 + (55 \times ((5 \times 5 + 5) + 5)) \\
&:= (6 - 6 / 6) \times (((6 - 66) / 6) + 6 \times 66) \\
&:= (7 \times 7 \times (7 \times 7 - 7)) - ((7 + 7) / 7)^7 \\
&:= 8 + (((8 + 8) \times (8 \times (8 + 8) - 8)) + ((8 + 8) / 8)) \\
&:= 9 + (9999 / 9 + 9 \times (9 \times 9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1931 &:= 1 + (1 + (1 + (1 + ((1 + 1)^{11} - 11^{1+1})))) \\
&:= (2 \times 22)^2 - (2 / 2 + 2 + 2) \\
&:= (((3 \times (3 + 3))^3 - 3) / 3) - (3 \times 3 + 3) \\
&:= 44 \times 44 - (4 / 4 + 4) \\
&:= 5 + ((55 \times ((5 \times 5 + 5) + 5)) + 5 / 5) \\
&:= 6 + ((6 - 6 / 6) \times (6 \times 66 - (66 / 6))) \\
&:= 7 + ((77 \times (77 / 7 + 7 + 7)) - 7 / 7) \\
&:= 88 / 8 + ((8 + 8) \times (8 \times (8 + 8) - 8)) \\
&:= (9 + 9) \times (99 + 9) - ((99 + 9 + 9) / 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1932 &:= (1 + 1) \times ((1 + 1) \times (((11 + 11)^{1+1}) - 1)) \\
&:= 2 \times (2 \times 22^2 - 2) \\
&:= (3 \times (3 \times (3 + 3)^3 - 3)) - 3 \\
&:= 44 \times 44 - 4 \\
&:= ((5 + 5) / 5 + 5) \times (5 \times 55 + 5 / 5) \\
&:= 6 \times 6 \times (66 - 6 - 6) - 6 - 6 \\
&:= 7 + (77 \times (77 / 7 + 7 + 7)) \\
&:= ((8 + 8) / 8) \times ((88 \times 88 - (8 + 8)) / 8) \\
&:= ((99 + 9) / 9) \times (9 \times (9 + 9) - 9 / 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1933 &:= (1 + 1)^{11} - (1 + (1 + 1 + 1 + 111)) \\
&:= (2 \times 22)^2 - 2 / 2 - 2 \\
&:= (((3 \times (3 + 3))^3 - 33) / 3) \\
&:= 4 / 4 + (44 \times 44 - 4) \\
&:= 55 + ((5 / 5 + 5) \times (5^5 + 5) / (5 + 5)) \\
&:= 6 \times 6 \times (66 - 6 - 6) - 66 / 6 \\
&:= 7 + ((77 \times (77 / 7 + 7 + 7)) + 7 / 7) \\
&:= 8 + (88 / 8 \times (888 / 8 + 8 \times 8)) \\
&:= (9 + 9) \times (99 + 9) - 99 / 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1934 &:= (1 + 1)^{11} - (1 + 1 + 1 + 111) \\
&:= (2 \times 22)^2 - 2 \\
&:= (((3 \times (3 + 3))^3 - 3) / 3) - 3 \times 3 \\
&:= 44 \times 44 - (4 + 4) / 4 \\
&:= ((5 / 5 + 5)^5 / (5 - 5 / 5)) - 5 - 5 \\
&:= ((6 - 66) / 6) + 6 \times 6 \times (66 - 6 - 6) \\
&:= 7 + (((7 / 7 + 7 + 7) \times ((7 + 7) / 7)^7) + 7) \\
&:= ((8 + 8) / 8) \times ((88 \times 88 - 8) / 8) \\
&:= (9 + 9) \times (99 + 9) - 9 / 9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1935 &:= (1 + 1)^{11} - (1 + 1 + 111) \\
&:= (2 \times 22)^2 - 2 / 2 \\
&:= 3 \times (3 \times (3 + 3)^3 - 3) \\
&:= 44 \times 44 - 4 / 4 \\
&:= 5 + ((55 \times ((5 \times 5 + 5) + 5)) + 5) \\
&:= (6 \times 6 / (6 + 6) + 6) \times (6 \times 6 \times 6 - 6 / 6) \\
&:= (7 / 7 + 7 + 7) \times (((7 + 7) / 7)^7 + 7 / 7) \\
&:= (8 - 8 / 8 + 8) \times (8 \times (8 + 8) + 8 / 8) \\
&:= (9 + 9) \times (99 + 9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1936 &:= (1+1)^{11} - (1+111) \\
&:= (2 \times 22)^2 \\
&:= 3 + (((3 \times (3+3))^3 - 33)/3) \\
&:= 44 \times 44 \\
&:= (55 - (55/5))^{(5+5)/5} \\
&:= (((6+6)/6) + 6 \times 6) + 6)^{(6+6)/6} \\
&:= (((7+7)/7 - 7) + 7 \times 7)^{(7+7)/7} \\
&:= 88 \times (88+88)/8 \\
&:= 9/9 + ((9+9) \times (99+9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1937 &:= (1+1)^{11} - 111 \\
&:= 2/2 + (2 \times 22)^2 \\
&:= (((3 \times (3+3))^3 - 3)/3) - (3+3) \\
&:= 4/4 + 44 \times 44 \\
&:= 5 + (((5+5)/5 + 5) \times (5 \times 55 + 5/5)) \\
&:= 6 \times 6 \times (66 - 6 - 6) - 6/6 - 6 \\
&:= 7 + ((7 \times 7 \times (7 \times 7 - 7)) - ((7+7)/7)^7) \\
&:= 8/8 + (88 \times (88+88)/8) \\
&:= (9+9)/9 + ((9+9) \times (99+9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1938 &:= 1 + ((1+1)^{11} - 111) \\
&:= 2 + (2 \times 22)^2 \\
&:= 3 + (3 \times (3 \times (3+3)^3 - 3)) \\
&:= (4+4)/4 + 44 \times 44 \\
&:= (5+5)/5 \times ((5 - 5/5)^5 - 55) \\
&:= 6 \times 6 \times (66 - 6 - 6) - 6 \\
&:= 77 + ((7 \times (7 \times 7 \times 7 - 77)) - 7/7) \\
&:= ((8+8)/8) \times ((88 \times 88 + 8)/8) \\
&:= (9/9 + 9 + 9) \times (999/9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1939 &:= 1 + (1 + ((1+1)^{11} - 111)) \\
&:= 2 + ((2 \times 22)^2 + 2/2) \\
&:= (((3 \times (3+3))^3 + 3)/3) - (3+3) \\
&:= 4 + (44 \times 44 - 4/4) \\
&:= ((5/5 + 5)^5 / (5 - 5/5)) - 5 \\
&:= 6/6 + (6 \times 6 \times (66 - 6 - 6) - 6) \\
&:= 77 + (7 \times (7 \times 7 \times 7 - 77)) \\
&:= 8 + (((8+8) \times (8 \times (8+8) - 8)) + (88/8)) \\
&:= 99 + (9999/9 + 9 \times 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1940 &:= 1 + (1 + (1 + ((1+1)^{11} - 111))) \\
&:= 2 + ((2 \times 22)^2 + 2) \\
&:= (((3 \times (3+3))^3 - 3)/3) - 3 \\
&:= 4 + 44 \times 44 \\
&:= 5 + (((55 \times ((5 \times 5 + 5) + 5)) + 5) + 5) \\
&:= (6+6)/6 + (6 \times 6 \times (66 - 6 - 6) - 6) \\
&:= 7/7 + ((7 \times (7 \times 7 \times 7 - 77)) + 77) \\
&:= ((8+8)/8) \times (88 \times 88 + 8 + 8)/8 \\
&:= (99/9 + 9) \times (99 - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1941 &:= 1 + (1 + (1 + (1 + ((1+1)^{11} - 111)))) \\
&:= 2 + (((2 \times 22)^2 + 2/2) + 2) \\
&:= (3 \times 3 \times (3+3)^3) - 3 \\
&:= 4 + (44 \times 44 + 4/4) \\
&:= 5 + ((55 - (55/5))^{(5+5)/5}) \\
&:= ((6 - (6^{6-6/6})) + 6) / ((6+6)/6 - 6) \\
&:= 7 + (((7/7 + 7 + 7) \times ((7+7)/7)^7) + 7) + 7 \\
&:= 8 + ((88/8 \times (888/8 + 8 \times 8)) + 8) \\
&:= (9+9) \times (99+9) - (9+9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1942 &:= 1 + (1 + (1 + (1 + (1 + ((1+1)^{11} - 111)))))) \\
&:= 2 + (((2 \times 22)^2 + 2) + 2) \\
&:= (((3 \times (3+3))^3 - (3+3))/3) \\
&:= 4 + (44 \times 44 + (4+4)/4) \\
&:= ((5/5 + 5)^5 / (5 - 5/5)) - (5+5)/5 \\
&:= 6 \times 6 \times (66 - 6 - 6) - (6+6)/6 \\
&:= (7 \times ((7 - 7 \times 7) + 7)) + (((7+7+7)/7)^7) \\
&:= 8 + (((8+8)/8) \times ((88 \times 88 - 8)/8)) \\
&:= (9+9) \times (99+9) - (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1943 &:= (1+1)^{11} - (111 - ((1+1) \times (1+1+1))) \\
&:= (2 \times (2 \times (22^2 + 2))) - 2/2 \\
&:= ((3 \times (3+3))^3 - 3)/3 \\
&:= 4 + ((44 \times 44 - 4/4) + 4) \\
&:= ((5/5 + 5)^5 / (5 - 5/5)) - 5/5 \\
&:= 6 \times 6 \times (66 - 6 - 6) - 6/6 \\
&:= 7 + (((7+7)/7 - 7) + 7 \times 7)^{(7+7)/7} \\
&:= 8 + ((8 - 8/8 + 8) \times (8 \times (8+8) + 8/8)) \\
&:= (9+9) \times (99+9) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1944 &:= (1+1) \times ((1+11) \times (11 - 1 - 1)^{1+1}) \\
&:= 2 \times (2 \times (22^2 + 2)) \\
&:= 3 \times 3 \times (3+3)^3 \\
&:= 4 + (44 \times 44 + 4) \\
&:= (5/5 + 5)^5 / (5 - 5/5) \\
&:= 6 \times (6 \times (66 - 6 - 6)) \\
&:= (7 - 7/7) \times ((77/7 + 7)^{(7+7)/7}) \\
&:= 8 + (88 \times (88 + 88)/8) \\
&:= (9+9) \times (99+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1945 &:= 1 + (1 + (1 + ((1+1)^{11} - 111))) \\
&:= 2/2 + (2 \times (2 \times (22^2 + 2))) \\
&:= (((3 \times (3+3))^3 + 3)/3) \\
&:= 4 + ((44 \times 44 + 4/4) + 4) \\
&:= 5^5 - (5^5/5 + 555) \\
&:= 6/6 + 6 \times 6 \times (66 - 6 - 6) \\
&:= 7 + (((7 \times (7 \times 7 \times 7 - 77)) - 7/7) + 77) \\
&:= 8 + ((88 \times (88 + 88)/8) + 8/8) \\
&:= 9/9 + (9+9) \times (99+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1946 &:= 11 + ((1+1)^{11} - (1+1+111)) \\
&:= 2 + (2 \times (2 \times (22^2 + 2))) \\
&:= 3 + (((3 \times (3+3))^3 - 3)/3) \\
&:= 44 \times 44 + (44 - 4)/4 \\
&:= 5^5 + (((5 - 5^5)/5) - 555) \\
&:= (6+6)/6 + 6 \times 6 \times (66 - 6 - 6) \\
&:= 7 + ((7 \times (7 \times 7 \times 7 - 77)) + 77) \\
&:= 8 + (((8+8)/8) \times ((88 \times 88 + 8)/8)) \\
&:= (9+9)/9 + (9+9) \times (99+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1947 &:= 11 + ((1+1)^{11} - (1+111)) \\
&:= 22/2 + (2 \times 22)^2 \\
&:= 3 + (3 \times 3 \times (3+3)^3) \\
&:= 44/4 + 44 \times 44 \\
&:= 5^5 + (((5 - 5^5) + 5)/5) - 555 \\
&:= 66/6 \times (666/6 + 66) \\
&:= 77/7 \times (((7+7)/7)^7 + 7 \times 7) \\
&:= 88/8 \times ((88 + 88) + 8/8) \\
&:= ((9+9+9)/9) + (9+9) \times (99+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1948 &:= 11 + ((1+1)^{11} - 111) \\
&:= 2 \times ((2 \times (22^2 + 2)) + 2) \\
&:= 3 + (((3 \times (3+3))^3 + 3)/3) \\
&:= 4 + ((44 \times 44 + 4) + 4) \\
&:= 5 + (((5/5 + 5)^5 / (5 - 5/5)) - 5/5) \\
&:= 6 + (6 \times 6 \times (66 - 6 - 6) - ((6+6)/6)) \\
&:= ((7 - 777)/7) + (7 \times 7 \times (7 \times 7 - 7)) \\
&:= 8 + (((8+8)/8) \times (88 \times 88 + 8 + 8)/8) \\
&:= ((9+9)/9) \times ((9 \times (99+9)) + ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1949 &:= 1 + (11 + ((1+1)^{11} - 111)) \\
&:= 2 + ((2 \times 22)^2 + 22/2) \\
&:= 3 + (((3 \times (3+3))^3 - 3)/3) + 3 \\
&:= 4 + (((44 \times 44 + 4/4) + 4) + 4) \\
&:= 5 + ((5/5 + 5)^5 / (5 - 5/5)) \\
&:= 6 + (6 \times 6 \times (66 - 6 - 6) - 6/6) \\
&:= (7 \times (7 \times (7 \times 7 - 7) - (7+7))) - 77/7 \\
&:= (8 \times (8+8) \times (8+8)) - (88/8 + 88) \\
&:= (((9+9)/9)^{99/9}) - 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1950 &:= 1 + (1 + (11 + ((1+1)^{11} - 111))) \\
&:= 2 + (2 \times ((2 \times (22^2 + 2)) + 2)) \\
&:= 3 + ((3 \times 3 \times (3+3)^3) + 3) \\
&:= 4 + (44 \times 44 + (44 - 4)/4) \\
&:= (5+5+5) \times (5 \times 5 \times 5 + 5) \\
&:= 6 + 6 \times 6 \times (66 - 6 - 6) \\
&:= (7/7 + 77) \times (77/7 + 7 + 7) \\
&:= ((8+8)/8) \times (((88 \times 88 - 8)/8) + 8) \\
&:= 9 + ((9+9) \times (99+9) - ((9+9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1951 &:= 1 + (1 + (1 + (11 + ((1 + 1)^{11} - 111)))) \\
&:= 2 + (((2 \times 22)^2 + 22/2) + 2) \\
&:= 3 + (((3 \times (3 + 3))^3 + 3)/3) + 3 \\
&:= 4 + (44 \times 44 + 44/4) \\
&:= 5/5 + ((5 + 5 + 5) \times (5 \times 5 \times 5 + 5)) \\
&:= 6 + (6 \times 6 \times (66 - 6 - 6) + 6/6) \\
&:= 7 + ((7 - 7/7) \times ((77/7 + 7)^{(7+7)/7})) \\
&:= 8 \times 8 + ((8/8 + 8 + 8) \times 888/8) \\
&:= 9 + ((9 + 9) \times (99 + 9) - ((9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1952 &:= (1 + 11^{1+1}) \times (1 + 1)^{1+1+1+1} \\
&:= 2 \times (2 \times (22^2 + 2 + 2)) \\
&:= 3 \times 3 + (((3 \times (3 + 3))^3 - 3)/3) \\
&:= 4 \times (444 + 44) \\
&:= ((5 + 5)/5)^5 \times ((55 + 5/5) + 5) \\
&:= 6 + (6 \times 6 \times (66 - 6 - 6) + ((6 + 6)/6)) \\
&:= 777 + ((7 + 7) \times (77 + 7) - 7/7) \\
&:= (8 + 8) \times ((888 + 88)/8) \\
&:= 9 + ((9 + 9) \times (99 + 9) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1953 &:= 1 + ((1 + 11^{1+1}) \times (1 + 1)^{1+1+1+1}) \\
&:= 2/2 + ((2 \times 22)^2 + 2^{2+2}) \\
&:= 3 \times (3 \times (3 + 3)^3 + 3) \\
&:= 4 \times 4 + (44 \times 44 + 4/4) \\
&:= (5 - (5 + 5)/5) \times ((5^5 + 5)/5 + 5 \times 5) \\
&:= 6 + ((66/6) \times (666/6 + 66)) \\
&:= 777 + (7 + 7) \times (77 + 7) \\
&:= 8/8 + ((8 + 8) \times ((888 + 88)/8)) \\
&:= 9 + (9 + 9) \times (99 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1954 &:= 1 + (1 + (1 + (11^{1+1}) \times (1 + 1)^{1+1+1+1})) \\
&:= 2 + ((2 \times 22)^2 + 2^{2+2}) \\
&:= 3 \times 3 + (((3 \times (3 + 3))^3 + 3)/3) \\
&:= 4 \times 4 + (44 \times 44 + (4 + 4)/4) \\
&:= 5 + (((5/5 + 5)^5 / (5 - 5/5)) + 5) \\
&:= ((66 - 6)/6) + 6 \times 6 \times (66 - 6 - 6) \\
&:= 7 + (77/7 \times (((7 + 7)/7)^7 + 7 \times 7)) \\
&:= ((8 + 8)/8) \times (((88 \times 88 + 8)/8) + 8) \\
&:= 9 + ((9 + 9) \times (99 + 9) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1955 &:= (1 + 1)^{11} - (((1 + 1)^{11-1} - 1)/11) \\
&:= 22 + ((2 \times 22)^2 - (2/2 + 2)) \\
&:= ((3 \times (3 + 3))^3 + 33)/3 \\
&:= 4 + ((44 \times 44 + 44/4) + 4) \\
&:= 5 + ((5 + 5 + 5) \times (5 \times 5 \times 5 + 5)) \\
&:= 66/6 + 6 \times 6 \times (66 - 6 - 6) \\
&:= (7 - ((7 + 7)/7)) \times (7 \times (7 \times 7 + 7) - 7/7) \\
&:= 8 + (88/8 \times ((88 + 88) + 8/8)) \\
&:= 99/9 + (9 + 9) \times (99 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1956 &:= (1 + 1) \times (1111 - (1 + (11 \times (1 + 11)))) \\
&:= 22 + ((2 \times 22)^2 - 2) \\
&:= 3 + (3 \times (3 \times (3 + 3)^3 + 3)) \\
&:= 4 + (44 \times 44 + 4 \times 4) \\
&:= 5 + (((5 + 5 + 5) \times (5 \times 5 \times 5 + 5)) + 5/5) \\
&:= 6 + (6 \times 6 \times (66 - 6 - 6) + 6) \\
&:= (77/7 - 7) \times (7 \times (77 - 7) - 7/7) \\
&:= (((8 \times 8 \times 8 \times 8) - 8)/((8 + 8)/8)) - 88 \\
&:= ((99 + 9)/9) + (9 + 9) \times (99 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1957 &:= (1 + 1)^{11} - (1 + (11 - 1) \times (11 - 1 - 1)) \\
&:= 22 + ((2 \times 22)^2 - 2/2) \\
&:= 3 + (((3 \times (3 + 3))^3 + 3)/3) + 3 \times 3 \\
&:= (((4 - 4/4) + 4)^4) - 444 \\
&:= 5 + (((5 + 5)/5)^5 \times ((55 + 5/5) + 5)) \\
&:= 6 + ((6 \times 6 \times (66 - 6 - 6) + 6/6) + 6) \\
&:= 7 + ((7/7 + 77) \times (77/7 + 7 + 7)) \\
&:= (88/8 + 8) \times (888/8 - 8) \\
&:= (9/9 + 9 + 9) \times (((999 + 9)/9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1958 &:= (1 + 1) \times (11 \times (111 - 11 - 11)) \\
&:= 22 + (2 \times 22)^2 \\
&:= 3 + (((3 \times (3 + 3))^3 + 33)/3) \\
&:= 44/4 \times (4 \times 44 + (4 + 4)/4) \\
&:= 5^5 - ((5555 + 5)/5 + 55) \\
&:= 66/6 \times ((666 + 6)/6 + 66) \\
&:= ((7 + 7)/7) \times ((7 + 7) \times (77 - 7) - 7/7) \\
&:= (8/8 + 88) \times (88 + 88)/8 \\
&:= 9 + (((9 + 9)/9)^{99/9}) - 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1959 &:= 11 + (11 + ((1 + 1)^{11} - 111)) \\
&:= 22 + ((2 \times 22)^2 + 2/2) \\
&:= 3 + ((3 \times (3 \times (3 + 3)^3 + 3)) + 3) \\
&:= ((4 + 4) \times (4^4 - 44/4)) - 4/4 \\
&:= 5^5 - (5555/5 + 55) \\
&:= ((6 \times (666 - (6 + 6))) - 6)/((6 + 6)/6) \\
&:= (7 \times (7 \times (7 \times 7 - 7) - (7 + 7))) - 7/7 \\
&:= (8 \times (8 + 8) \times (8 + 8)) - (8/8 + 88) \\
&:= ((99 - 9/9) \times (99/9 + 9)) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1960 &:= (11 - 1) \times (1 + 1 + 1 + 11)^{1+1} \\
&:= 2 + ((2 \times 22)^2 + 22) \\
&:= 3^3 + (((3 \times (3 + 3))^3 - 33)/3) \\
&:= (4 + 4) \times (4^4 - 44/4) \\
&:= ((5 + 5)/5 + 5) \times (5 \times 55 + 5) \\
&:= 666 + (6 \times 6 \times 6 \times 6 - ((6 + 6)/6)) \\
&:= 7 \times (7 \times (7 \times 7 - 7) - (7 + 7)) \\
&:= (8 \times (8 + 8) \times (8 + 8)) - 88 \\
&:= (99 - 9/9) \times (99/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1961 &:= 1 + (11 - 1) \times (1 + 1 + 1 + 11)^{1+1} \\
&:= 2 + (((2 \times 22)^2 + 22) + 2/2) \\
&:= 3 + (((3 \times (3 + 3))^3 + 33)/3) + 3 \\
&:= 4 + (((4 - 4/4) + 4)^4) - 444 \\
&:= 5 \times 5 + ((55 - (55/5))^{(5+5)/5}) \\
&:= 666 + (6 \times 6 \times 6 \times 6 - 6/6) \\
&:= 7/7 + (7 \times (7 \times (7 \times 7 - 7) - (7 + 7))) \\
&:= 8/8 + ((8 \times (8 + 8) \times (8 + 8)) - 88) \\
&:= 9 + (((9 + 9) \times (99 + 9) - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1962 &:= (1 + 1) \times ((11 - 1 - 1) \times (111 - 1 - 1)) \\
&:= 2 + (((2 \times 22)^2 + 22) + 2) \\
&:= 3 \times ((3 \times (3 + 3))^3 + 3) + 3 \\
&:= 4 + ((44/(4 + 4)/4) + 44 \times 44) \\
&:= (5^5 - 5)/(5 + 5) + (55 \times (5 \times 5 + 5)) \\
&:= 666 + 6 \times 6 \times 6 \times 6 \\
&:= ((7 + 7)/7) + (7 \times (7 \times (7 \times 7 - 7) - (7 + 7))) \\
&:= (8 + 8)/8 + ((8 \times (8 + 8) \times (8 + 8)) - 88) \\
&:= 9 + ((9 + 9) \times (99 + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1963 &:= 1 + ((1 + 1) \times ((11 - 1 - 1) \times (111 - 1 - 1))) \\
&:= 2 + (((2 \times 22)^2 + 22) + 2/2) + 2) \\
&:= 3/3 + (3 \times ((3 \times (3 + 3))^3 + 3)) \\
&:= 4 \times 4 + (44 \times 44 + 44/4) \\
&:= (5^5 + 5)/(5 + 5) + (55 \times (5 \times 5 + 5)) \\
&:= 6/6 + (6 \times 6 \times 6 \times 6 + 666) \\
&:= 7 + ((77/7 - 7) \times (7 \times (77 - 7) - 7/7)) \\
&:= 8 + ((88/8 \times ((88 + 88) + 8/8)) + 8) \\
&:= 9 + (((9 + 9) \times (99 + 9) + 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1964 &:= (1 + 1) \times (1 + ((11 - 1 - 1) \times (111 - 1 - 1))) \\
&:= 2 + (((2 \times 22)^2 + 22) + 2) + 2) \\
&:= 3 \times 3 + (((3 \times (3 + 3))^3 + 33)/3) \\
&:= 4 + ((4 + 4) \times (4^4 - 44/4)) \\
&:= 5 + (5^5 - (5555/5 + 55)) \\
&:= 666 + (6 \times 6 \times 6 \times 6 + ((6 + 6)/6)) \\
&:= (((7 + 7)/7)^{77/7}) - (77 + 7) \\
&:= (((8 \times 8 \times 8 \times 8) + 8)/((8 + 8)/8)) - 88 \\
&:= 9 + ((9 + 9) \times (99 + 9) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1965 &:= (1 + 1)^{11} - (1 + (1 + (11 - 1 - 1)^{1+1})) \\
&:= 22 + ((2 \times (2 \times (22^2 + 2))) - 2/2) \\
&:= ((3 + 3) \times 333) - 33 \\
&:= 4 + (((4 - 4/4) + 4)^4) - 444 + 4) \\
&:= 5 + (((5 + 5)/5 + 5) \times (5 \times 55 + 5)) \\
&:= ((6 \times 666) - 66)/((6 + 6)/6) \\
&:= 77 + (7777/7 + 777) \\
&:= 8 + ((88/8 + 8) \times (888/8 - 8)) \\
&:= 9 + ((9 + 9) \times (99 + 9) + ((99 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1966 &:= (1+1)^{11} - (1+(11-1-1)^{1+1}) \\
&:= 22 + (2 \times (2 \times (22^2 + 2))) \\
&:= 3/3 + (((3+3) \times 333) - 33) \\
&:= (4444/((4+4)/4)) - 4^4 \\
&:= 5 + (((5+5)/5+5) \times (5 \times 55+5)) + 5/5) \\
&:= 66 \times (6 \times 6 - 6) - ((6+6)/6+6+6) \\
&:= 7 + ((7 \times (7 \times (7 \times 7 - 7) - (7+7))) - 7/7) \\
&:= 8 + ((8/8+88) \times (88+88)/8) \\
&:= ((9+9)/9) \times ((9 \times (99+9)) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1967 &:= (1+1)^{11} - (11-1-1)^{1+1} \\
&:= 2^{22/2} - ((2/2+2)^{2+2}) \\
&:= 3^3 + (((3 \times (3+3))^3 - 3)/3) - 3) \\
&:= (4^4 \times (4+4)) - (4-4/4)^4 \\
&:= ((5+5)/5+5) \times ((5 \times 55+5/5) + 5) \\
&:= 66 \times (6 \times 6 - 6) - (6/6+6+6) \\
&:= 7 + (7 \times (7 \times (7 \times 7 - 7) - (7+7))) \\
&:= 8 + ((8 \times (8+8) \times (8+8)) - (8/8+88)) \\
&:= (((9+9)/9)^{99/9}) - 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1968 &:= 1 + ((1+1)^{11} - (11-1-1)^{1+1}) \\
&:= 2 \times (2 \times 22^2 + 2^{2+2}) \\
&:= (3 \times (3 \times ((3+3)^3 + 3))) - 3) \\
&:= 4 \times ((444+44) + 4) \\
&:= (55/5+5) \times (5 \times 5 \times 5 - ((5+5)/5)) \\
&:= 66 \times (6 \times 6 - 6) - 6 - 6 \\
&:= (7 \times 7 - 7/7) \times (7 \times 7 - (7/7+7)) \\
&:= 8 + ((8 \times (8+8) \times (8+8)) - 88) \\
&:= 9/9 + (((9+9)/9)^{99/9}) - 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1969 &:= 11 \times (11 + ((1+1+11)^{1+1} - 1)) \\
&:= 22 + ((2 \times 22)^2 + 22/2) \\
&:= 3^3 + (((3 \times (3+3))^3 - (3+3))/3) \\
&:= 44 + (44 \times 44 - 44/4) \\
&:= 5 \times 5 + ((5/5+5)^5/(5-5/5)) \\
&:= 66 \times (6 \times 6 - 6) - 66/6 \\
&:= 7 \times 7 + ((7/7+7+7) \times ((7+7)/7)^7) \\
&:= 8 + (((8 \times (8+8) \times (8+8)) - 88) + 8/8) \\
&:= 9 + ((99-9/9) \times (99/9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1970 &:= 111 + (11 \times (1+1+11)^{1+1}) \\
&:= 2 + ((2 \times 22)^2 + 2 \times 2^{2+2}) \\
&:= 3^3 + (((3 \times (3+3))^3 - 3)/3) \\
&:= 4 + ((4444/((4+4)/4)) - 4^4) \\
&:= (5 \times ((5-5/5)^5 - 5)) - 5^5 \\
&:= (6-6/6) \times (6 \times 66 - ((6+6)/6)) \\
&:= ((77-7)/7) \times ((7+7) \times (7+7) + 7/7) \\
&:= 8 + (((8 \times (8+8) \times (8+8)) - 88) + ((8+8)/8)) \\
&:= 9 \times 9 \times (9+9) + (((9+9)/9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1971 &:= (11-1-1) \times (((1+1) \times (111-1)) - 1) \\
&:= 2 + (((2 \times 22)^2 + 22/2) + 22) \\
&:= 3 \times (3 \times ((3+3)^3 + 3)) \\
&:= 4 + ((4^4 \times (4+4)) - (4-4/4)^4) \\
&:= 5/5 + ((5 \times ((5-5/5)^5 - 5)) - 5^5) \\
&:= 6 + (((6 \times 666) - 66)/(6+6)/6) \\
&:= (((7+7)/7)^{77/7}) - 77 \\
&:= 88/8 + ((8 \times (8+8) \times (8+8)) - 88) \\
&:= 999 + (9 \times (99+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1972 &:= 1 + ((11-1-1) \times (((1+1) \times (111-1)) - 1)) \\
&:= 2 \times (2 \times (22^2 - 2)) + 22) \\
&:= 3^3 + (((3 \times (3+3))^3 + 3)/3) \\
&:= ((4+4) \times (4^4 - 4)) - 44 \\
&:= (((55+5)/5) + 5) \times (555/5+5) \\
&:= 66 \times (6 \times 6 - 6) - ((6+6)/6+6) \\
&:= 7/7 + (((7+7)/7)^{77/7}) - 77) \\
&:= (8 \times ((8+8) \times (8+8) - 8)) - (88+8)/8) \\
&:= 9/9 + ((9 \times (99+9)) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1973 &:= 1 + (1 + ((11-1-1) \times (((1+1) \times (111-1)) - 1))) \\
&:= 2/2 + ((2 \times 22)^2 + (2+2+2)^2) \\
&:= 3 + (((3 \times (3+3))^3 - 3)/3) + 3^3) \\
&:= 4/4 + (((4+4) \times (4^4 - 4)) - 44) \\
&:= (5 \times (5 \times 55 - 5)) + (5^5 - 5 - 5)/5) \\
&:= 66 \times (6 \times 6 - 6) - 6/6 - 6 \\
&:= 777/7 + (7 \times (7 \times 7 - 77)) \\
&:= (8 \times ((8+8) \times (8+8) - 8)) - 88/8) \\
&:= 9 + (((9+9) \times (99+9)) + (99/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1974 &:= (1+1) \times ((11-1)^{1+1+1} - (1+1+11)) \\
&:= 2 + ((2 \times 22)^2 + (2+2+2)^2) \\
&:= 3 + (3 \times (3 \times ((3+3)^3 + 3))) \\
&:= 44 + (44 \times 44 - ((4+4)/4+4)) \\
&:= (5^5 - 5)/5 + (5 \times (5 \times 55 - 5)) \\
&:= 66 \times (6 \times 6 - 6) - 6 \\
&:= (7-7/7) \times (7 \times 7 \times 7 - (7+7)) \\
&:= (8-88)/8 + (8 \times ((8+8) \times (8+8) - 8)) \\
&:= 9 \times 9 + ((9+9) \times 99 + 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1975 &:= 1111 + (((1+11)^{1+1+1})/(1+1)) \\
&:= (2 \times 22)^2 + (2 \times (22-2) - 2/2) \\
&:= 3 + ((3 \times (3 \times ((3+3)^3 + 3))) + 3/3) \\
&:= 44 + (44 \times 44 - (4/4+4)) \\
&:= 5 \times (5 \times (5 \times 5+55) - 5) \\
&:= 6/6 + (66 \times (6 \times 6 - 6) - 6) \\
&:= 7 + ((7 \times 7 - 7/7) \times (7 \times 7 - (7/7+7))) \\
&:= (8 \times ((8+8) \times (8+8) - 8)) - (8/8+8) \\
&:= 9 + ((9+9) \times (99+9) + ((99+99)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1976 &:= (1+1) \times ((11-1)^{1+1+1} - (1+11)) \\
&:= 2 \times ((2 \times 22^2 - 2) + 22) \\
&:= 33 + (((3 \times (3+3))^3 - 3)/3) \\
&:= 44 + (44 \times 44 - 4) \\
&:= 5/5 + (5 \times (5 \times (5 \times 5+55) - 5)) \\
&:= (6+6)/6 + (66 \times (6 \times 6 - 6) - 6) \\
&:= (77-7/7) \times ((77+7)/7+7+7) \\
&:= (8 \times ((8+8) \times (8+8) - 8)) - 8 \\
&:= 9 + (((9+9)/9)^{99/9}) - 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1977 &:= ((1+1) \times ((11-1)^{1+1+1} - 11)) - 1 \\
&:= 2/2 + ((2 \times 22)^2 + 2 \times (22-2)) \\
&:= 33 + (3 \times 3 \times (3+3)^3) \\
&:= 44 + ((44 \times 44 - 4) + 4/4) \\
&:= (5+5)/5 + (5 \times (5 \times (5 \times 5+55) - 5)) \\
&:= 66 \times (6 \times 6 - 6) - 6 \times 6/(6+6) \\
&:= 7 + (((77-7)/7) \times ((7+7) \times (7+7) + 7/7)) \\
&:= 8/8 + ((8 \times ((8+8) \times (8+8) - 8)) - 8) \\
&:= (99 \times (99/9+9)) - (9+9+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1978 &:= (1+1) \times ((11-1)^{1+1+1} - 11) \\
&:= (2 \times 22) + ((2 \times 22)^2 - 2) \\
&:= 33 + (((3 \times (3+3))^3 + 3)/3) \\
&:= 44 + (44 \times 44 - (4+4)/4) \\
&:= (55 \times (55/5+5 \times 5)) - (5+5)/5) \\
&:= 66 \times (6 \times 6 - 6) - (6+6)/6) \\
&:= 7 + (((7+7)/7)^{77/7}) - 77) \\
&:= (8+8)/8 + ((8 \times ((8+8) \times (8+8) - 8)) - 8) \\
&:= ((9+9)/9) \times (999 - (9/9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1979 &:= 1 + ((1+1) \times ((11-1)^{1+1+1} - 11)) \\
&:= (2 \times 22) + ((2 \times 22)^2 - 2/2) \\
&:= (((33/3)^3) + 3 \times (3+3)^3) \\
&:= 44 + (44 \times 44 - 4/4) \\
&:= (55 \times (55/5+5 \times 5)) - 5/5) \\
&:= 66 \times (6 \times 6 - 6) - 6/6) \\
&:= (7 \times 7 \times (7 \times 7 - 7)) - ((7+7)/7+77) \\
&:= 8 + (((8 \times (8+8) \times (8+8)) - 88) + (88/8)) \\
&:= (99 \times (99/9+9)) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1980 &:= (1+1) \times ((11-1-1) \times (111-1)) \\
&:= 2 \times (2 \times 22^2 + 22) \\
&:= 33 \times (3^3 + 33) \\
&:= 44 + 44 \times 44 \\
&:= 55 \times (55/5+5 \times 5) \\
&:= 66 \times (6 \times 6 - 6) \\
&:= (77/7+7) \times (777-7)/7) \\
&:= (((8+8)/8) + 8) \times (888-8)/8) \\
&:= 99 \times (99/9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1981 &:= 1 + ((1+1) \times ((11-1-1) \times (111-1))) \\
&:= 2/2 + ((2 \times 22)^2 + 2 \times 22) \\
&:= 3/3 + (33 \times (3^3 + 33)) \\
&:= 44 + (44 \times 44 + 4/4) \\
&:= 5/5 + (55 \times (55/5 + 5 \times 5)) \\
&:= 6/6 + 66 \times (6 \times 6 - 6) \\
&:= (7 \times 7 \times (7 \times 7 - 7)) - 77 \\
&:= 8 + ((8 \times ((8+8) \times (8+8) - 8)) - (88/8)) \\
&:= 9/9 + (99 \times (99/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1982 &:= (1+1) \times (1 + ((11-1-1) \times (111-1))) \\
&:= 2 + ((2 \times 22)^2 + 2 \times 22) \\
&:= 3 + (((33/3)^3) + 3 \times (3+3)^3) \\
&:= 44 + (44 \times 44 + (4+4)/4) \\
&:= (5+5)/5 + (55 \times (55/5 + 5 \times 5)) \\
&:= (6+6)/6 + 66 \times (6 \times 6 - 6) \\
&:= 7/7 + ((7 \times 7 \times (7 \times 7 - 7)) - 77) \\
&:= (8 \times ((8+8) \times (8+8) - 8)) - (8+8)/8 \\
&:= (9+9)/9 + (99 \times (99/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1983 &:= 1 + ((1+1) \times (1 + ((11-1-1) \times (111-1)))) \\
&:= 2 + (((2 \times 22)^2 + 2 \times 22) + 2/2) \\
&:= 3 + (33 \times (3^3 + 33)) \\
&:= (4^4 \times (4+4)) - (4^4 + 4)/4 \\
&:= (((5+5)/5)^{55/5}) - (55+5+5) \\
&:= (6 \times 6 / (6+6)) + 66 \times (6 \times 6 - 6) \\
&:= ((7+7)/7) + ((7 \times 7 \times (7 \times 7 - 7)) - 77) \\
&:= (8 \times ((8+8) \times (8+8) - 8)) - 8/8 \\
&:= ((9+9+9)/9) + (99 \times (99/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1984 &:= (1+1)^{11} - ((1+1)^{(1+1) \times (1+1+1)}) \\
&:= 2 \times ((2 \times 22^2 + 22) + 2) \\
&:= 3 + ((33 \times (3^3 + 33)) + 3/3) \\
&:= (4+4) \times (4^4 - 4 - 4) \\
&:= (55/5 + 5) \times (5 \times 5 \times 5 - 5/5) \\
&:= 6 + (66 \times (6 \times 6 - 6) - ((6+6)/6)) \\
&:= (((7+7+7)/7)^7) - ((7+7) \times (7+7) + 7) \\
&:= 8 \times ((8+8) \times (8+8) - 8) \\
&:= 9 \times 99 + (9999/9 - (9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1985 &:= 1 + ((1+1)^{11} - ((1+1)^{(1+1) \times (1+1+1)})) \\
&:= 2/2 + ((2 \times 22)^2 + 2 \times (22+2)) \\
&:= 3 + (((33/3)^3) + 3 \times (3+3)^3) + 3 \\
&:= 4/4 + ((4+4) \times (4^4 - 4 - 4)) \\
&:= 5 + (55 \times (55/5 + 5 \times 5)) \\
&:= 6 + (66 \times (6 \times 6 - 6) - 6/6) \\
&:= 7 + (((7+7)/7)^{77/7} - 77) + 7 \\
&:= 8/8 + (8 \times ((8+8) \times (8+8) - 8)) \\
&:= 9 + (((9+9)/9)^{99/9} - 9 \times 9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1986 &:= (1+1)^{11} - (1 + ((1+11^{1+1})/(1+1))) \\
&:= 222 + (2 \times 22 - 2)^2 \\
&:= 3 + ((33 \times (3^3 + 33)) + 3) \\
&:= (4+4)/4 + ((4+4) \times (4^4 - 4 - 4)) \\
&:= 5 + ((55 \times (55/5 + 5 \times 5)) + 5/5) \\
&:= 6 + 66 \times (6 \times 6 - 6) \\
&:= (7-7/7) \times (7 \times 7 \times 7 - (77+7)/7) \\
&:= (8+8)/8 + (8 \times ((8+8) \times (8+8) - 8)) \\
&:= 99 + (((9-9/9) + 9) \times 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1987 &:= (1+1)^{11} - ((1+11^{1+1})/(1+1)) \\
&:= 2/2 + ((2 \times 22 - 2)^2 + 222) \\
&:= ((3+3) \times 333) - 33/3 \\
&:= 4 + ((4^4 \times (4+4)) - (4^4 + 4)/4) \\
&:= (((5+5)^{5-5/5}) - (55+5+5))/5 \\
&:= 6 + (66 \times (6 \times 6 - 6) + 6/6) \\
&:= 7 + ((77/7 + 7) \times (777 - 7)/7) \\
&:= 88/8 + ((8 \times ((8+8) \times (8+8) - 8)) - 8) \\
&:= 999 + (999 - (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1988 &:= (1+1)^{11} - ((11^{1+1} - 1)/(1+1)) \\
&:= 2 \times ((2 \times (22^2 + 2)) + 22) \\
&:= 33 + (((3 \times (3+3))^3 + 33)/3) \\
&:= 4 + ((4+4) \times (4^4 - 4 - 4)) \\
&:= (((5+5)/5)^{55/5}) - (55+5) \\
&:= 6 + (66 \times (6 \times 6 - 6) + ((6+6)/6)) \\
&:= 7 + ((7 \times 7 \times (7 \times 7 - 7)) - 77) \\
&:= 888 + ((8888 - 88)/8) \\
&:= 9 + ((99 \times (99/9 + 9)) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1989 &:= (11-1-1) \times ((1+1) \times 111-1) \\
&:= (2/2+2)^2 \times (222-2/2) \\
&:= ((3+3) \times 333) - 3 \times 3 \\
&:= 4 + (((4+4) \times (4^4 - 4 - 4)) + 4/4) \\
&:= (((5+5)^{5-5/5}) - 55)/5 \\
&:= (66/6+6) \times (666/6+6) \\
&:= 7 + (((7 \times 7 \times (7 \times 7 - 7)) - 77) + 7/7) \\
&:= (8/8+8+8) \times (8 \times (8+8) - (88/8)) \\
&:= 9 + (99 \times (99/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1990 &:= 1 + ((11-1-1) \times ((1+1) \times 111-1)) \\
&:= 2 + (2 \times ((2 \times (22^2 + 2)) + 22)) \\
&:= 3 + (((3+3) \times 333) - 33/3) \\
&:= 4 + (((4+4) \times (4^4 - 4 - 4)) + (4+4)/4) \\
&:= (5 \times (5 - 5/5)^5) - (5^5 + 5) \\
&:= (6-6/6) \times (((6+6)/6) + 6 \times 66) \\
&:= ((7+7)/7)^7 + (7 \times (7 \times 7 - 77)) \\
&:= 8 + ((8 \times ((8+8) \times (8+8) - 8)) - ((8+8)/8)) \\
&:= 9 + (99 \times (99/9 + 9)) + 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1991 &:= 11 \times (1 + (11 + (1+1+11)^{1+1})) \\
&:= 2 + ((2/2+2)^2 \times (222-2/2)) \\
&:= 33/3 + (33 \times (3^3 + 33)) \\
&:= 44 + (44 \times 44 + 44/4) \\
&:= (((5+5)^{5-5/5}) + 5)/5 - 5 - 5 \\
&:= 66/6 + 66 \times (6 \times 6 - 6) \\
&:= (((7+7+7)/7)^7) - (7+7) \times (7+7) \\
&:= 8 + ((8 \times ((8+8) \times (8+8) - 8)) - 8/8) \\
&:= 99/9 + (99 \times (99/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1992 &:= (1+1)^{11} - (1+111)/(1+1) \\
&:= 2 \times (((2 \times (22^2 + 2)) + 22) + 2) \\
&:= (3+3) \times (333 - 3/3) \\
&:= 4 + (((4+4) \times (4^4 - 4 - 4)) + 4) \\
&:= ((55+5)/5) \times (555/5 + 55) \\
&:= 6 + (66 \times (6 \times 6 - 6) + 6) \\
&:= (7-7/7) \times (7 \times 7 \times 7 - (77/7)) \\
&:= 8 + (8 \times ((8+8) \times (8+8) - 8)) \\
&:= 99 + ((9+9) \times 99 + 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1993 &:= (1+1)^{11} - ((111-1)/(1+1)) \\
&:= 2 \times 22^2 + ((2^{22/2} + 2)/2) \\
&:= 3/3 + ((3+3) \times (333 - 3/3)) \\
&:= (4^4 \times (4+4)) - (44/4 + 44) \\
&:= (((5+5)/5)^{55/5}) - 55 \\
&:= 6 + ((66 \times (6 \times 6 - 6) + 6/6) + 6) \\
&:= 7777/7 + 7 \times (77 + 7 \times 7) \\
&:= 8 + ((8 \times ((8+8) \times (8+8) - 8)) + 8/8) \\
&:= 9 \times 99 + (9999/9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1994 &:= 1 + (1+1)^{11} - ((111-1)/(1+1)) \\
&:= (222 \times (2/2+2)^2) - 2 - 2 \\
&:= ((3+3) \times 333) - (3/3+3) \\
&:= (4+4)/4 \times (4 \times (4^4 - 4) - 44/4) \\
&:= (((5+5)^{5-5/5}) - 5)/5 - 5 \\
&:= 6 + ((66 \times (6 \times 6 - 6) + ((6+6)/6)) + 6) \\
&:= (7 \times (7 \times (7 \times 7 - 7) - 7)) - (7/7 + 7 + 7) \\
&:= 8 + ((8 \times ((8+8) \times (8+8) - 8)) + ((8+8)/8)) \\
&:= ((9+9)/9) \times (999 - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1995 &:= (1+1+1) \times (((11^{1+1+1} - 1)/(1+1)) \\
&:= (((2 \times 22) + 2)^2) - (22/2)^2 \\
&:= ((3+3) \times 333) - 3 \\
&:= 44/4 + ((4+4) \times (4^4 - 4 - 4)) \\
&:= (5 \times (5 - 5/5)^5) - 5^5 \\
&:= ((6 \times 666) - 6)/((6+6)/6) \\
&:= (7 \times (7 \times (7 \times 7 - 7) - 7)) - (7+7) \\
&:= 88/8 + (8 \times ((8+8) \times (8+8) - 8)) \\
&:= 999 + (999 - ((9+9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1996 &:= (1+1) \times ((11-1)^{1+1+1} - (1+1)) \\
&:= (222 \times (2/2 + 2)^2) - 2 \\
&:= 3/3 + ((3+3) \times 333) - 3 \\
&:= 4 \times 4 + (44 \times 44 + 44) \\
&:= (((5+5)^{5-5/5} + 5)/5) - 5 \\
&:= 6 + (66 \times (6 \times 6 - 6) + ((66-6)/6)) \\
&:= 7/7 + ((7 \times (7 \times (7 \times 7 - 7) - 7)) - (7+7)) \\
&:= ((88+8)/8) + (8 \times ((8+8) \times (8+8) - 8)) \\
&:= (9+9)/9 \times (999 - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1997 &:= ((1+1) \times (111 \times (11-1-1))) - 1 \\
&:= (222 \times (2/2 + 2)^2) - 2/2 \\
&:= ((3+3) \times 333) - 3/3 \\
&:= 44 \times 44 + ((4^4 + 4)/4 - 4) \\
&:= (((5+5)^{5-5/5} + 5) + 5)/5 - 5 \\
&:= 6 + (66 \times (6 \times 6 - 6) + (66/6)) \\
&:= 77 + ((7/7 + 7 + 7) \times ((7+7)/7)^7) \\
&:= 888 + ((8888 - (8+8))/8) \\
&:= 999 + (999 - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1998 &:= (1+1) \times (111 \times (11-1-1)) \\
&:= 222 \times (2/2 + 2)^2 \\
&:= (3+3) \times 333 \\
&:= 44 \times 44 + (4^4 - 4 - 4)/4 \\
&:= (((5+5)^{5-5/5} - (5+5))/5) \\
&:= 6 \times 666 \times 6/(6+6) \\
&:= (77/7 + 7) \times 777/7 \\
&:= 888 + (8888 - 8)/8 \\
&:= (9+9) \times 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 1999 &:= ((1+1) \times (11-1)^{1+1+1}) - 1 \\
&:= 2/2 + (222 \times (2/2 + 2)^2) \\
&:= 3/3 + ((3+3) \times 333) \\
&:= 44 \times 44 + ((4^4 - 4)/4) \\
&:= (((5+5)^{5-5/5} - 5)/5) \\
&:= 6/6 + (6 \times 666 \times 6/(6+6)) \\
&:= (((7+7)/7)^{77/7}) - 7 \times 7 \\
&:= 888 + 8888/8 \\
&:= 9/9 + (999 + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2000 &:= (1+1) \times (11-1)^{1+1+1} \\
&:= 2222 - 222 \\
&:= 3 + (((3+3) \times 333) - 3/3) \\
&:= 4 \times 4 \times 4 + 44 \times 44 \\
&:= 5 \times 5 \times (5 \times 5 + 55) \\
&:= (6+6)/6 + (6 \times 666 \times 6/(6+6)) \\
&:= 7/7 + (((7+7)/7)^{77/7}) - 7 \times 7 \\
&:= 8 + ((8 \times ((8+8) \times (8+8) - 8)) + 8) \\
&:= ((9+9)/9) \times (999 + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2001 &:= 1 + ((1+1) \times (11-1)^{1+1+1}) \\
&:= 2/2 + 2222 - 222 \\
&:= 3 + (3+3) \times 333 \\
&:= 44 \times 44 + (4^4 + 4)/4 \\
&:= (((5+5)^{5-5/5} + 5)/5) \\
&:= ((6 \times 666) + 6)/((6+6)/6) \\
&:= 7 \times (7 \times (7 \times 7 - 7) - 7) - (7/7 + 7) \\
&:= (8/8 - 88) \times (8/8 - (8+8+8)) \\
&:= 9 \times 99 + ((9999 - 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2002 &:= (1+1) \times (1 + (11-1)^{1+1+1}) \\
&:= 2 + 2222 - 222 \\
&:= 3 + ((3+3) \times 333 + 3/3) \\
&:= 44 \times 44 + ((4^4 + 4 + 4)/4) \\
&:= (((5+5)^{5-5/5} + 5) + 5)/5 \\
&:= 6/6 + (((6 \times 666) + 6)/((6+6)/6)) \\
&:= 7 \times (7 \times (7 \times 7 - 7) - 7) - 7 \\
&:= ((8 - 888)/8) + (88 \times (8+8+8)) \\
&:= 9 \times 99 + 9999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2003 &:= 1 + ((1+1) \times (1 + (11-1)^{1+1+1})) \\
&:= (2 \times 22 + 2/2)^2 - 22 \\
&:= 3 + (((3+3) \times 333 - 3/3) + 3) \\
&:= 4^4 \times (4+4) - (44 + 4/4) \\
&:= 5 + (((5+5)^{5-5/5} - (5+5))/5) \\
&:= 6 + ((66 \times (6 \times 6 - 6) + (66/6)) + 6) \\
&:= 7/7 + (7 \times (7 \times (7 \times 7 - 7) - 7) - 7) \\
&:= 8 + ((8 \times ((8+8) \times (8+8) - 8)) + (88/8)) \\
&:= 9 \times 99 + (9999 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2004 &:= (1+1) \times (1+1 + (11-1)^{1+1+1}) \\
&:= 2^{22/2} - (2 \times 22) \\
&:= 3 + ((3+3) \times 333 + 3) \\
&:= 4^4 \times (4+4) - 44 \\
&:= 5 + (((5+5)^{5-5/5} - 5)/5) \\
&:= 6 + (6 \times 666 \times 6/(6+6)) \\
&:= (7+7)/7 + (7 \times (7 \times (7 \times 7 - 7) - 7) - 7) \\
&:= ((8 \times 8 \times 8 \times 8) - 88)/((8+8)/8) \\
&:= 9 \times 99 + (((9999 + 9) + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2005 &:= 1 + ((1+1) \times (1+1 + (11-1)^{1+1+1})) \\
&:= 2 + ((2 \times 22 + 2/2)^2 - 22) \\
&:= 3 + (((3+3) \times 333 + 3/3) + 3) \\
&:= 4/4 + (4^4 \times (4+4) - 44) \\
&:= 5 + (5 \times 5 \times (5 \times 5 + 55)) \\
&:= (6-6/6) \times ((6 \times 66 - 6/6) + 6) \\
&:= 7 + (77/7 + 7) \times 777/7 \\
&:= 8 + (((8888 - (8+8))/8) + 888) \\
&:= 9 + (((9+9)/9) \times (999 - 9/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2006 &:= (1+1) \times (1+1+1 + (11-1)^{1+1+1}) \\
&:= 2 + (2^{22/2} - (2 \times 22)) \\
&:= 3 \times 3 + ((3+3) \times 333 - 3/3) \\
&:= (4+4)/4 + (4^4 \times (4+4) - 44) \\
&:= 5 + (((5+5)^{5-5/5} + 5)/5) \\
&:= (((6+6)/6)^{66/6}) - (6 \times 6 + 6) \\
&:= 7 + (((7+7)/7)^{77/7}) - 7 \times 7 \\
&:= 8 + ((8888 - 8)/8 + 888) \\
&:= 9 + ((999 - 9/9) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2007 &:= (11-1-1) \times (1 + (1+1) \times 111) \\
&:= (2/2 + 2)^2 \times (222 + 2/2) \\
&:= 3 \times 3 + (3+3) \times 333 \\
&:= 4 + 4^4 \times (4+4) - (44 + 4/4) \\
&:= 5 + (((5+5)^{5-5/5} + 5) + 5)/5 \\
&:= 6 + (((6 \times 666) + 6)/((6+6)/6)) \\
&:= 7 \times (7 \times (7 \times 7 - 7) - 7) - (7+7)/7 \\
&:= 8 + (8888/8 + 888) \\
&:= 9 + (999 + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2008 &:= 1 + ((11-1-1) \times (1 + (1+1) \times 111)) \\
&:= 2^{22/2} + (2 \times (2 - 22)) \\
&:= 3 \times 3 + ((3+3) \times 333 + 3/3) \\
&:= 4 + (4^4 \times (4+4) - 44) \\
&:= 5^5 - ((5555 + 5)/5 + 5) \\
&:= ((6+6)/6)^6 + 6 \times 6 \times (66 - 6 - 6) \\
&:= 7 \times (7 \times (7 \times 7 - 7) - 7) - 7/7 \\
&:= 88 + ((8+8) \times (8 \times (8+8) - 8)) \\
&:= 9 + ((999 + 999) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2009 &:= 11 + ((1+1) \times (111 \times (11-1-1))) \\
&:= (2 \times 22 + 2/2)^2 - 2^{2+2} \\
&:= 33/3 + (3+3) \times 333 \\
&:= 4 + ((4^4 \times (4+4) - 44) + 4/4) \\
&:= 5^5 - (5555/5 + 5) \\
&:= ((6-6/6) \times (6 \times 66 + 6)) - 6/6 \\
&:= 7 \times (7 \times (7 \times 7 - 7) - 7) \\
&:= 8 + ((8/8 - 88) \times (8/8 - (8+8+8))) \\
&:= 9 + (((9+9)/9) \times (999 + 9/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2010 &:= 11 + (((1+1) \times (11-1)^{1+1+1}) - 1) \\
&:= 2 + (2^{22/2} + (2 \times (2 - 22))) \\
&:= 3 + ((3+3) \times 333 + 3 \times 3) \\
&:= (4+4) \times (4^4 - 4) - ((4+4)/4 + 4) \\
&:= 5 + ((5 \times 5 \times (5 \times 5 + 55)) + 5) \\
&:= (6-6/6) \times (6 \times 66 + 6) \\
&:= 7/7 + 7 \times (7 \times (7 \times 7 - 7) - 7) \\
&:= 888 + ((8888 + 88)/8) \\
&:= 9 + (((9999 - 9)/9) + 9 \times 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2011 &:= 11 + ((1+1) \times (11-1)^{1+1+1}) \\
&:= 2 + ((2 \times 22 + 2/2)^2 - 2^{2+2}) \\
&:= 3 + (((3+3) \times 333 + 3 \times 3) + 3/3) \\
&:= (4+4) \times (4^4 - 4) - (4/4 + 4) \\
&:= (((5+5)^{5-5/5}) + 55)/5 \\
&:= 6/6 + ((6-6/6) \times (6 \times 66 + 6)) \\
&:= (7+7)/7 + 7 \times (7 \times (7 \times 7 - 7) - 7) \\
&:= 8 + (((8 \times (8+8) \times (8+8) - 8)) + (88/8) + 8) \\
&:= 9 + (9999/9 + 9 \times 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2012 &:= (1+1)^{11} - ((1+1+1) \times (1+11)) \\
&:= 2^{22/2} - (2+2+2)^2 \\
&:= 3 + ((3+3) \times 333 + 33/3) \\
&:= (4+4) \times (4^4 - 4) - 4 \\
&:= 5^5 - (5555 + 5 + 5)/5 \\
&:= (((6+6)/6)^{66/6}) - 6 \times 6 \\
&:= 7 + ((77/7 + 7) \times 777/7 + 7) \\
&:= ((8 \times (8 \times 8 \times 8 - 8)) - 8)/(8+8)/8) \\
&:= 9 + (9999 + 9)/9 + 9 \times 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2013 &:= 1 + ((1+1)^{11} - ((1+1+1) \times (1+11))) \\
&:= 2/2 + (2^{22/2} - (2+2+2)^2) \\
&:= 33 \times (((3/3+3)^3) - 3) \\
&:= 4/4 + ((4+4) \times (4^4 - 4) - 4) \\
&:= 5^5 - (5555 + 5)/5 \\
&:= (6 \times (666 + 6) - 6)/(6+6)/6) \\
&:= 7 + (((7+7)/7)^{77/7}) - 7 \times 7 + 7) \\
&:= 88/8 \times ((888/8 + 8 \times 8) + 8) \\
&:= 9 \times 99 + ((9999 + 99)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2014 &:= (1+1)^{11} - (1+11 \times (1+1+1)) \\
&:= 2 + (2^{22/2} - (2+2+2)^2) \\
&:= 3/3 + (33 \times (((3/3+3)^3) - 3)) \\
&:= (4+4) \times (4^4 - 4) - (4+4)/4 \\
&:= 5^5 - 5555/5 \\
&:= 6 \times 6 + (66 \times (6 \times 6 - 6) - ((6+6)/6)) \\
&:= 7 + (7 \times (7 \times (7 \times 7 - 7) - 7) - ((7+7)/7)) \\
&:= 8 + (((8888 - 8)/8 + 888) + 8) \\
&:= ((9+9)/9) \times ((999 - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2015 &:= (1+1)^{11} - (11 \times (1+1+1)) \\
&:= 2^{22/2} - (22/2 + 22) \\
&:= ((33/3 + 3)^3) - 3^{3+3} \\
&:= (4+4) \times (4^4 - 4) - 4/4 \\
&:= 5^5 + ((5 - 5555)/5) \\
&:= 6 \times 6 + (66 \times (6 \times 6 - 6) - 6/6) \\
&:= 7 + (7 \times (7 \times (7 \times 7 - 7) - 7) - 7/7) \\
&:= 8 + ((8888/8 + 888) + 8) \\
&:= ((9+9) \times ((999+9)/9)) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2016 &:= 1 + ((1+1)^{11} - (11 \times (1+1+1))) \\
&:= 2 \times (2 \times ((22^2 - 2) + 22)) \\
&:= (3+3) \times (333 + 3) \\
&:= (4+4) \times (4^4 - 4) \\
&:= 5 + (((5+5)^{5-5/5}) + 55)/5 \\
&:= 6 \times (66 \times (6 - 6/6) + 6) \\
&:= 7 + 7 \times (7 \times (7 \times 7 - 7) - 7) \\
&:= 8 \times ((8 \times 8 \times 8 - 8)/(8+8)/8) \\
&:= (9+9) \times ((999+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2017 &:= 1 + (1 + ((1+1)^{11} - (11 \times (1+1+1)))) \\
&:= (2 \times 22)^2 + (2/2 + 2)^{2+2} \\
&:= 3/3 + (3+3) \times (333 + 3) \\
&:= 4/4 + (4+4) \times (4^4 - 4) \\
&:= 5 + (5^5 - (5555 + 5 + 5)/5) \\
&:= 6 \times 6 + (66 \times (6 \times 6 - 6) + 6/6) \\
&:= 7 + (7 \times (7 \times (7 \times 7 - 7) - 7) + 7/7) \\
&:= 8/8 + (8 \times ((8 \times 8 \times 8 - 8)/(8+8)/8)) \\
&:= 9/9 + ((9+9) \times ((999+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2018 &:= (1+1)^{11} - (11-1) \times (1+1+1) \\
&:= 2 + (2 \times (2 \times ((22^2 - 2) + 22))) \\
&:= 3 + (((33/3 + 3)^3) - 3^{3+3}) \\
&:= (4+4)/4 + (4+4) \times (4^4 - 4) \\
&:= 5 + (5^5 - (5555 + 5)/5) \\
&:= 6 + (((6+6)/6)^{66/6}) - 6 \times 6 \\
&:= 7 + (7 \times (7 \times (7 \times 7 - 7) - 7) + ((7+7)/7)) \\
&:= 8 + (((8888 + 88)/8) + 888) \\
&:= ((9+9)/9) \times ((999+9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2019 &:= 1 + ((1+1)^{11} - ((11-1) \times (1+1+1))) \\
&:= (2 \times 22 + 2/2)^2 - (2+2+2) \\
&:= 3 + (3+3) \times (333 + 3) \\
&:= 4 + ((4+4) \times (4^4 - 4) - 4/4) \\
&:= 5 + (5^5 - 5555/5) \\
&:= (6 \times (666 + 6) + 6)/(6+6)/6) \\
&:= ((77 - 7)/7) + 7 \times (7 \times (7 \times 7 - 7) - 7) \\
&:= 88 + (((8+8) \times (8 \times (8+8) - 8)) + (88/8)) \\
&:= 9 + (((9999 - 9)/9) + 9 \times 99) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2020 &:= (1+1) \times ((11111 - 1)/11) \\
&:= 2 \times (2 \times (22^2 + 22) - 2) \\
&:= 3 + ((3+3) \times (333 + 3) + 3/3) \\
&:= 4 + (4+4) \times (4^4 - 4) \\
&:= 5^5 + ((55 \times (5 - 5 \times 5)) - 5) \\
&:= (6 - 6/6) \times (((6+6)/6) + 6 \times 66) + 6) \\
&:= 77/7 + 7 \times (7 \times (7 \times 7 - 7) - 7) \\
&:= ((8 \times (8 \times 8 \times 8 - 8)) + 8)/(8+8)/8) \\
&:= ((9+9)/9) \times (99/9 + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2021 &:= (1+1)^{11} - (1+1+1)^{1+1+1} \\
&:= (2 \times 22 + 2/2)^2 - 2 - 2 \\
&:= (3 - 3/3)^{33/3} - 3^3 \\
&:= 4 + ((4+4) \times (4^4 - 4) + 4/4) \\
&:= 5 + ((5+5)^{5-5/5} + 55)/5 + 5 \\
&:= 6 + ((66 \times (6 \times 6 - 6) - 6/6) + 6 \times 6) \\
&:= (77 + 7)/7 + 7 \times (7 \times (7 \times 7 - 7) - 7) \\
&:= (8 \times (8+8) \times (8+8)) - (88/8 + 8 + 8) \\
&:= (((9+9)/9)^{99/9}) - (9+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2022 &:= (1+1) \times (11 + (11-1)^{1+1+1}) \\
&:= 2^{22/2} - 22 - 2 - 2 \\
&:= 3 + ((3+3) \times (333 + 3) + 3) \\
&:= 4 + ((4+4) \times (4^4 - 4) + (4+4)/4) \\
&:= (5/5 + 5) \times ((5^5 - 5)/(5+5) + 5 \times 5) \\
&:= 6 + (66 \times (6 \times 6 - 6) + 6 \times 6) \\
&:= (7 - 7/7) \times ((7 \times 7 \times 7 - 7) + 7/7) \\
&:= (88 \times (8+8+8)) - ((8+8)/8 + 88) \\
&:= ((9+9)/9) \times (((99+9)/9) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2023 &:= (1+1)^{11} - (1 + ((1+1) \times (1+11))) \\
&:= (2 \times 22 + 2/2)^2 - 2 \\
&:= 3 + (((3+3) \times (333 + 3) + 3/3) + 3) \\
&:= 4 + (((4+4) \times (4^4 - 4) - 4/4) + 4) \\
&:= (((5+5)/5)^{55/5}) - 5 \times 5 \\
&:= 6 + ((66 \times (6 \times 6 - 6) + 6 \times 6) + 6/6) \\
&:= 7 + (7 \times (7 \times (7 \times 7 - 7) - 7) + 7) \\
&:= (8/8 + 8 + 8) \times (888/8 + 8) \\
&:= 999 + (((9+9)/9)^{9/9+9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2024 &:= (1+1)^{11} - ((1+1) \times (1+11)) \\
&:= 2 \times (2 \times (22^2 + 22)) \\
&:= 3 + ((3-3/3)^{33/3} - 3^3) \\
&:= 4 + ((4+4) \times (4^4 - 4) + 4) \\
&:= 5 + (5^5 - 5555/5 + 5) \\
&:= 6 + (((6+6)/6)^{66/6}) - 6 \times 6 + 6) \\
&:= 7 + ((7 \times (7 \times (7 \times 7 - 7) - 7) + 7/7) + 7) \\
&:= 88 \times ((8 - 8/8 + 8) + 8) \\
&:= 9 \times 9 + ((9+9) \times (99+9) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2025 &:= (1+1)^{11} - (1 + (11+11)) \\
&:= (2 \times 22 + 2/2)^2 \\
&:= 3 \times (3 \times (3+3)^3 + 3^3) \\
&:= (44 + 4/4)^{(4+4)/4} \\
&:= 5 \times (5 \times (5 \times 5 + 55) + 5) \\
&:= 6 \times 6 \times 6 \times 6 + ((6 \times 6)/(6+6))^6) \\
&:= (7/7 + 7 + 7) \times (((7+7)/7)^7 + 8) \\
&:= 8/8 + (88 \times ((8 - 8/8 + 8) + 8)) \\
&:= 9 \times ((9+9) \times (9+9) - 99)
\end{aligned}$$

- 2026 := $(1+1)^{11} - 11 - 11$
:= $2^{22/2} - 22$
:= $3^3 + ((3+3) \times 333 + 3/3)$
:= $((4+4)^4) - 44 / ((4+4)/4)$
:= $5 \times 5 + (((5+5)^{5-5/5}) + 5) / 5$
:= $6 + ((6-6/6) \times (((6+6)/6) + 6 \times 66) + 6)$
:= $((7+7+7)/7)^7 - ((77+77) + 7)$
:= $(8+8)/8 + (88 \times ((8-8/8+8) + 8))$
:= $9/9 + ((9+9) \times (99+9) + 9 \times 9)$
- 2027 := $1 + ((1+1)^{11} - (11+11))$
:= $2 + (2 \times 22 + 2/2)^2$
:= $3^{3+3} + ((33/3)^3 - 33)$
:= $44/4 + (4+4) \times (4^4 - 4)$
:= $5 \times 5 + (((5+5)^{5-5/5}) + 5) / 5$
:= $6 \times 6 + (66 \times (6 \times 6 - 6) + (66/6))$
:= $((7+7)/7)^{77/7} - (7+7+7)$
:= $88/8 + (8 \times ((8 \times 8 \times 8 - 8) / ((8+8)/8)))$
:= $9 + (((9+9)/9) \times ((999+9/9) + 9))$
- 2028 := $(1+11) \times (1+1+11)^{1+1}$
:= $2 + (2^{22/2} - 22)$
:= $3 + ((3+3) \times 333 + 3^3)$
:= $4^4 + (4 \times 444 - 4)$
:= $5 + (((5+5)/5)^{55/5}) - 5 \times 5$
:= $6 + ((66 \times (6 \times 6 - 6) + 6 \times 6) + 6)$
:= $(7-7/7) \times ((7 \times 7 \times 7 - 7) + ((7+7)/7))$
:= $8 + (((8 \times (8 \times 8 \times 8 - 8)) + 8) / ((8+8)/8))$
:= $((9+9)/9)^{99/9} - (99/9 + 9)$
- 2029 := $1 + ((1+11) \times (1+1+11)^{1+1})$
:= $2 + ((2 \times 22 + 2/2)^2 + 2)$
:= $((3 \times 3^3 - 3)^{3-3/3} + 3) / 3$
:= $4 + ((44 + 4/4)^{(4+4)/4})$
:= $5 + (5^5 - 5555/5 + 5) + 5$
:= $((6-6/6) \times (6 \times 66 + (66/6))) - 6$
:= $7 + ((7-7/7) \times ((7 \times 7 \times 7 - 7) + 7/7))$
:= $(8 \times (8+8) \times (8+8)) - (88/8 + 8)$
:= $9 + (((9+9)/9) \times (99/9 + 999))$
- 2030 := $(1+1)^{11} - (1+1) \times (11-1-1)$
:= $2 + (2^{22/2} - 22) + 2$
:= $33 + ((3+3) \times 333 - 3/3)$
:= $4 + ((4+4)^4 - 44) / ((4+4)/4)$
:= $5 + ((55 \times (5-5 \times 5)) + 5^5)$
:= $(6 \times 6 - 6/6) \times (((6+6)/6)^6 - 6)$
:= $7 \times (7 \times (7 \times 7 - 7) + 7) - 77$
:= $((8+8)/8) \times (8 \times 8 \times (8+8) - (8/8 + 8))$
:= $((9+9)/9)^{99/9} - (9+9)$
- 2031 := $1 + ((1+1)^{11} - (1+1) \times (11-1-1))$
:= $2 + (((2 \times 22 + 2/2)^2 + 2) + 2)$
:= $33 + (3+3) \times 333$
:= $4^4 + (4 \times 444 - 4/4)$
:= $5 + (((55 \times (5-5 \times 5)) + 5/5) + 5^5)$
:= $((6 \times 666) + 66) / ((6+6)/6)$
:= $7/7 + (7 \times (7 \times (7 \times 7 - 7) + 7) - 77)$
:= $(8 \times (8+8) \times (8+8)) - (8/8 + 8 + 8)$
:= $9/9 + (((9+9)/9)^{99/9} - (9+9))$
- 2032 := $(1+1)^{11} - (1+1)^{1+1+1+1}$
:= $2^{22/2} - 2^{2+2}$
:= $3/3 + ((3+3) \times 333 + 33)$
:= $4 \times ((4^4 - 4) + 4^4)$
:= $((5+5)/5)^5 + (5 \times 5 \times (5 \times 5 + 55))$
:= $6/6 + (((6 \times 666) + 66) / ((6+6)/6))$
:= $7 + ((7/7 + 7 + 7) \times (((7+7)/7)^7 + 7))$
:= $(8+8) \times (8 \times (8+8) - 8/8)$
:= $9 + (((9+9)/9)^{9/9+9} + 999)$
- 2033 := $(1+1)^{11} - 1 - 1 - 1 - 1 - 11$
:= $2/2 + (2^{22/2} - 2^{2+2})$
:= $3^{3+3} + ((33/3)^3 - 3^3)$
:= $4/4 + (4 \times 444 + 4^4)$
:= $((5+5)/5)^{55/5} - (5+5+5)$
:= $(6 \times (666 \times 6 / (6+6) + 6)) - 6/6$
:= $((7+7+7)/7)^7 - 77 - 77$
:= $8/8 + ((8+8) \times (8 \times (8+8) - 8/8))$
:= $(9/9 + 9 + 9) \times ((99 - 9/9) + 9)$
- 2034 := $(1+1)^{11} - 1 - 1 - 1 - 11$
:= $2 + (2^{22/2} - 2^{2+2})$
:= $(3+3) \times (333 + 3 + 3)$
:= $4^4 + (4 \times 444 + (4+4)/4)$
:= $(55 \times (((5+5)/5)^5 + 5)) - 5/5$
:= $6 \times (666 \times 6 / (6+6) + 6)$
:= $((7+7)/7)^{77/7} - (7+7)$
:= $(8+8)/8 + ((8+8) \times (8 \times (8+8) - 8/8))$
:= $9 + ((9+9) \times (99+9) + 9 \times 9)$
- 2035 := $(1+1)^{11} - 1 - 1 - 11$
:= $2^{22/2} - (22/2 + 2)$
:= $3/3 + ((3+3) \times (333 + 3 + 3))$
:= $4 + ((4 \times 444 - 4/4) + 4^4)$
:= $55 \times (((5+5)/5)^5 + 5)$
:= $(6-6/6) \times (6 \times 66 + (66/6))$
:= $7/7 + (((7+7)/7)^{77/7} - (7+7))$
:= $88/8 + (88 \times ((8-8/8+8) + 8))$
:= $9 + (((9+9) \times (99+9) + 9 \times 9) + 9/9)$
- 2036 := $(1+1)^{11} - 1 - 11$
:= $2^{22/2} - (2 \times (2+2+2))$
:= $(3/3+3) \times ((3-3/3)^{3 \times 3} - 3)$
:= $4 + (4 \times 444 + 4^4)$
:= $5/5 + (55 \times (((5+5)/5)^5 + 5))$
:= $((6+6)/6)^{66/6} - 6 - 6$
:= $7 \times 7 \times (7 \times 7 - 7) - (7/7 + 7 + 7 + 7)$
:= $(8 \times (8+8) \times (8+8)) - (88+8)/8$
:= $9 \times 9 + ((9+9) \times (99+9) + (99/9))$
- 2037 := $(1+1)^{11} - 11$
:= $2^{22/2} - 22/2$
:= $3 + (3+3) \times (333 + 3 + 3)$
:= $4^4 \times (4+4) - 44/4$
:= $((5+5)/5)^{55/5} - 55/5$
:= $((6+6)/6)^{66/6} - 66/6$
:= $(7+7+7) \times (7 \times (7+7) - 7/7)$
:= $(8 \times (8+8) \times (8+8)) - 88/8$
:= $((9+9)/9)^{99/9} - 99/9$
- 2038 := $1 + ((1+1)^{11} - 11)$
:= $((2-22)/2) + 2^{22/2}$
:= $3 + (3+3) \times (333 + 3 + 3) + 3/3$
:= $(4-44)/4 + 4^4 \times (4+4)$
:= $(5+5)/5 \times ((5-5/5)^5 - 5)$
:= $(6-66)/6 + (((6+6)/6)^{66/6})$
:= $7/7 + ((7+7+7) \times (7 \times (7+7) - 7/7))$
:= $(8-88)/8 + (8 \times (8+8) \times (8+8))$
:= $((9+9)/9)^{99/9} - 9/9 - 9$
- 2039 := $1 + (1 + (1+1)^{11} - 11)$
:= $2 + (2^{22/2} - 22/2)$
:= $(3-3/3)^{33/3} - 3 \times 3$
:= $4^4 \times (4+4) - (4/4 + 4 + 4)$
:= $5 \times 5 + (5^5 - 5555/5)$
:= $66 + (66 \times (6 \times 6 - 6) - (6/6 + 6))$
:= $7 \times 7 \times (7 \times 7 - 7) - ((77+7)/7 + 7)$
:= $(8 \times (8+8) \times (8+8)) - (8/8 + 8)$
:= $((9+9)/9)^{99/9} - 9$
- 2040 := $1 + (1 + (1 + (1+1)^{11} - 11))$
:= $2^{22/2} - 2 \times (2+2)$
:= $(3+3) \times (((3/3+3) + 3)^3) - 3$
:= $(4+4) \times (4^4 - 4/4)$
:= $5 + (55 \times (((5+5)/5)^5 + 5))$
:= $66 + (66 \times (6 \times 6 - 6) - 6)$
:= $7 \times 7 \times (7 \times 7 - 7) - (77/7 + 7)$
:= $(8 \times (8+8) \times (8+8)) - 8$
:= $9/9 + (((9+9)/9)^{99/9} - 9)$

$$\begin{aligned}
\blacktriangleright 2041 &:= 1 + (1 + (1 + (1 + (1 + 1)^{11} - 11))) \\
&:= 2 + (2^{22/2} - 22/2) + 2 \\
&:= 3/3 + (3 + 3) \times ((3/3 + 3 + 3)^3 - 3) \\
&:= 4 + (4^4 \times (4 + 4) - 44/4) \\
&:= 5^5 - (((5 - 5/5)^5 + 55) + 5) \\
&:= (((6 + 6)/6)^{66/6}) - 6/6 - 6 \\
&:= (((7 + 7)/7)^{77/7}) - 7 \\
&:= 8/8 + ((8 \times (8 + 8) \times (8 + 8)) - 8) \\
&:= 99 + (9 + 9) \times (99 + 9) - ((9 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2042 &:= (1 + 1)^{11} - ((1 + 1) \times (1 + 1 + 1)) \\
&:= 2^{22/2} - (2 + 2 + 2) \\
&:= (3 - 3/3)^{33/3} - 3 - 3 \\
&:= 4^4 \times (4 + 4) - ((4 + 4)/4 + 4) \\
&:= (((5 + 5)/5)^{55/5}) - (5/5 + 5) \\
&:= (((6 + 6)/6)^{66/6}) - 6 \\
&:= 7/7 + (((7 + 7)/7)^{77/7}) - 7 \\
&:= (8 + 8)/8 + ((8 \times (8 + 8) \times (8 + 8)) - 8) \\
&:= 99 + (9 + 9) \times (99 + 9) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2043 &:= (1 + 1)^{11} - 1 - 1 - 1 - 1 - 1 \\
&:= 2^{22/2} - (2/2 + 2 + 2) \\
&:= 3 \times (3 \times (3 + 3)^3 + 33) \\
&:= 4^4 \times (4 + 4) - (4/4 + 4) \\
&:= (((5 + 5)/5)^{55/5}) - 5 \\
&:= 6/6 + (((6 + 6)/6)^{66/6}) - 6 \\
&:= 7 \times 7 \times (7 \times 7 - 7) - (7/7 + 7 + 7) \\
&:= 88/8 + ((8 + 8) \times (8 \times (8 + 8) - 8/8)) \\
&:= 99 + (9 + 9) \times (99 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2044 &:= (1 + 1)^{11} - 1 - 1 - 1 - 1 \\
&:= 2^{22/2} - 2 - 2 \\
&:= 3/3 + (3 \times (3 \times (3 + 3)^3 + 33)) \\
&:= 4^4 \times (4 + 4) - 4 \\
&:= 5/5 + (((5 + 5)/5)^{55/5}) - 5 \\
&:= ((6 + 6)/6)^6 + 66 \times (6 \times 6 - 6) \\
&:= 7 \times 7 \times (7 \times 7 - 7) - (7 + 7) \\
&:= ((8 \times 8 \times 8 \times 8) - 8)/((8 + 8)/8) \\
&:= 9/9 + ((9 + 9) \times (99 + 9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2045 &:= (1 + 1)^{11} - 1 - 1 - 1 \\
&:= 2^{22/2} - 2/2 - 2 \\
&:= (3 - 3/3)^{33/3} - 3 \\
&:= 4/4 + (4^4 \times (4 + 4) - 4) \\
&:= 5 + (55 \times (((5 + 5)/5)^5 + 5) + 5) \\
&:= 66 + (66 \times (6 \times 6 - 6) - 6/6) \\
&:= 7/7 + (7 \times 7 \times (7 \times 7 - 7) - (7 + 7)) \\
&:= 8 + ((8 \times (8 + 8) \times (8 + 8)) - (88/8)) \\
&:= 99 + ((9 + 9) \times (99 + 9) + ((9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2046 &:= (1 + 1)^{11} - 1 - 1 \\
&:= 2^{22/2} - 2 \\
&:= 3 + (3 \times (3 \times (3 + 3)^3 + 33)) \\
&:= 4^4 \times (4 + 4) - (4 + 4)/4 \\
&:= 5^5 - ((5 - 5/5)^5 + 55) \\
&:= 66 + 66 \times (6 \times 6 - 6) \\
&:= (7 - 7/7) \times (7 \times 7 \times 7 - ((7 + 7)/7)) \\
&:= (8 \times (8 + 8) \times (8 + 8)) - (8 + 8)/8 \\
&:= (((9 + 9)/9)^{99/9}) - (9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2047 &:= (1 + 1)^{11} - 1 \\
&:= 2^{22/2} - 2/2 \\
&:= (3 - 3/3)^{33/3} - 3/3 \\
&:= 4^4 \times (4 + 4) - 4/4 \\
&:= (((5 + 5)/5)^{55/5}) - 5/5 \\
&:= (((6 + 6)/6)^{66/6}) - 6/6 \\
&:= 7 \times 7 \times (7 \times 7 - 7) - 77/7 \\
&:= (8 \times (8 + 8) \times (8 + 8)) - 8/8 \\
&:= (((9 + 9)/9)^{99/9}) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2048 &:= (1 + 1)^{11} \\
&:= 2^{22/2} \\
&:= (3 - 3/3)^{33/3} \\
&:= 4^4 \times (4 + 4) \\
&:= ((5 + 5)/5)^{55/5} \\
&:= ((6 + 6)/6)^{66/6} \\
&:= ((7 + 7)/7)^{77/7} \\
&:= 8 \times (8 + 8) \times (8 + 8) \\
&:= ((9 + 9)/9)^{99/9}
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2049 &:= 1 + (1 + 1)^{11} \\
&:= 2/2 + 2^{22/2} \\
&:= 3/3 + (3 - 3/3)^{33/3} \\
&:= 4/4 + 4^4 \times (4 + 4) \\
&:= 5/5 + (((5 + 5)/5)^{55/5}) \\
&:= 6/6 + (((6 + 6)/6)^{66/6}) \\
&:= 7/7 + (((7 + 7)/7)^{77/7}) \\
&:= 8/8 + (8 \times (8 + 8) \times (8 + 8)) \\
&:= 9/9 + (((9 + 9)/9)^{99/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2050 &:= 1 + (1 + (1 + 1)^{11}) \\
&:= 2 + 2^{22/2} \\
&:= 3 + ((3 - 3/3)^{33/3} - 3/3) \\
&:= (4 + 4)/4 + 4^4 \times (4 + 4) \\
&:= 5 \times ((5 \times (5 \times 5 + 55) + 5) + 5) \\
&:= (6 + 6)/6 + (((6 + 6)/6)^{66/6}) \\
&:= 7 \times 7 \times (7 \times 7 - 7) - (7/7 + 7) \\
&:= (8 + 8)/8 + (8 \times (8 + 8) \times (8 + 8)) \\
&:= (9 + 9)/9 + (((9 + 9)/9)^{99/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2051 &:= 1 + (1 + (1 + (1 + 1)^{11})) \\
&:= 2 + (2^{22/2} + 2/2) \\
&:= 3 + (3 - 3/3)^{33/3} \\
&:= 4 + (4^4 \times (4 + 4) - 4/4) \\
&:= 5 + (5^5 - ((5 - 5/5)^5 + 55)) \\
&:= (((6 + 6)/6)^{66/6} + 6)/((6 + 6)/6) \\
&:= 7 \times 7 \times (7 \times 7 - 7) - 7 \\
&:= 88/8 + ((8 \times (8 + 8) \times (8 + 8)) - 8) \\
&:= (((9 + 9)/9)^9) + (9 \times (9 \times (9 + 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2052 &:= 1 + (1 + (1 + (1 + (1 + 1)^{11}))) \\
&:= 2 + 2^{22/2} + 2 \\
&:= (3 + 3) \times (333 + 3 \times 3) \\
&:= 4 + 4^4 \times (4 + 4) \\
&:= 5 + (((5 + 5)/5)^{55/5}) - 5/5 \\
&:= 6 + (66 \times (6 \times 6 - 6) + 66) \\
&:= 7/7 + (7 \times 7 \times (7 \times 7 - 7) - 7) \\
&:= ((8 \times 8 \times 8 \times 8) + 8)/((8 + 8)/8) \\
&:= (99 + 9) \times (9/9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2053 &:= 1 + (1 + (1 + (1 + (1 + (1 + 1)^{11})))) \\
&:= 2 + ((2^{22/2} + 2/2) + 2) \\
&:= 3/3 + ((3 + 3) \times (333 + 3 \times 3)) \\
&:= 4 + (4^4 \times (4 + 4) + 4/4) \\
&:= 5 + (((5 + 5)/5)^{55/5}) \\
&:= 6 + (((6 + 6)/6)^{66/6}) - 6/6 \\
&:= (7 + 7)/7 + (7 \times 7 \times (7 \times 7 - 7) - 7) \\
&:= 8 + (((8 \times (8 + 8) \times (8 + 8)) - (88/8)) + 8) \\
&:= 9/9 + ((99 + 9) \times (9/9 + 9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2054 &:= (1 + 1)^{11} + ((1 + 1) \times (1 + 1 + 1)) \\
&:= 2 + ((2^{22/2} + 2) + 2) \\
&:= 3 + ((3 - 3/3)^{33/3} + 3) \\
&:= 4 + (4^4 \times (4 + 4) + (4 + 4)/4) \\
&:= 5 + (((5 + 5)/5)^{55/5}) + 5/5 \\
&:= 6 + (((6 + 6)/6)^{66/6}) \\
&:= 7 + (7 \times 7 \times (7 \times 7 - 7) - (77/7)) \\
&:= 8 + ((8 \times (8 + 8) \times (8 + 8)) - ((8 + 8)/8)) \\
&:= 99 + ((9 + 9) \times (99 + 9) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2055 &:= 1 + ((1 + 1)^{11} + ((1 + 1) \times (1 + 1 + 1))) \\
&:= 2 + (((2^{22/2} + 2/2) + 2) + 2) \\
&:= 3 + ((3 + 3) \times (333 + 3 \times 3)) \\
&:= 4 + ((4^4 \times (4 + 4) - 4/4) + 4) \\
&:= 55 + (5 \times 5 \times (5 \times 5 + 55)) \\
&:= 6 + (((6 + 6)/6)^{66/6}) + 6/6 \\
&:= 7 + (((7 + 7)/7)^{77/7}) \\
&:= 8 + ((8 \times (8 + 8) \times (8 + 8)) - 8/8) \\
&:= 999/9 + (9 + 9) \times (99 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2056 &:= 11 + ((1+1)^{11} - (1+1+1)) \\
&:= 2 \times (2+2) + 2^{22/2} \\
&:= (((3 \times (3+3))^3 + 333) + 3)/3 \\
&:= 4 + (4^4 \times (4+4) + 4) \\
&:= 55 + (((5+5)^{5-5/5} + 5)/5) \\
&:= 6 + (((6+6)/6)^{66/6} + ((6+6)/6)) \\
&:= 7 \times 7 \times (7 \times 7 - 7) - (7+7)/7 \\
&:= 8 + (8 \times (8+8) \times (8+8)) \\
&:= 9 + (((9+9)/9)^{99/9} - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2057 &:= 11 + ((1+1)^{11} - (1+1)) \\
&:= 22/2 + 2^{22/2} - 2 \\
&:= 3 \times 3 + (3 - 3/3)^{33/3} \\
&:= 4 + ((4^4 \times (4+4) + 4/4) + 4) \\
&:= (((5+5) \times ((5-5/5)^5 + 5)) - 5)/5 \\
&:= 6 + (((6+6)/6)^{6+6} + 6)/((6+6)/6) \\
&:= 7 \times 7 \times (7 \times 7 - 7) - 7/7 \\
&:= 8 + ((8 \times (8+8) \times (8+8)) + 8/8) \\
&:= 9 + (((9+9)/9)^{99/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2058 &:= 11 + ((1+1)^{11} - 1) \\
&:= 2 + (2^{22/2} + 2 \times (2+2)) \\
&:= (3+3) \times (((3/3+3) + 3)^3) \\
&:= 4^4 \times (4+4) + (44-4)/4 \\
&:= 5 + (((5+5)/5)^{55/5} + 5) \\
&:= 6 \times ((6/6+6)^{6 \times 6/(6+6)}) \\
&:= 7 \times 7 \times (7 \times 7 - 7) \\
&:= 8 + ((8 \times (8+8) \times (8+8)) + ((8+8)/8)) \\
&:= 9 + (((9+9)/9)^{99/9} + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2059 &:= 11 + (1+1)^{11} \\
&:= 22/2 + 2^{22/2} \\
&:= 3/3 + (3+3) \times (3/3 + 3+3)^3 \\
&:= 44/4 + 4^4 \times (4+4) \\
&:= 55/5 + (((5+5)/5)^{55/5}) \\
&:= 66/6 + (((6+6)/6)^{66/6}) \\
&:= 7/7 + 7 \times 7 \times (7 \times 7 - 7) \\
&:= 88/8 + (8 \times (8+8) \times (8+8)) \\
&:= 99/9 + (((9+9)/9)^{99/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2060 &:= 1 + (11 + (1+1)^{11}) \\
&:= 2^{22/2} + (2 \times (2+2+2)) \\
&:= 3^{3+3} + (33/3)^3 \\
&:= 4 + ((4^4 \times (4+4) + 4) + 4) \\
&:= 5 + ((5 \times 5 \times (5 \times 5 + 55)) + 55) \\
&:= 6 + ((6+6)/6)^{66/6} + 6 \\
&:= (7+7)/7 + 7 \times 7 \times (7 \times 7 - 7) \\
&:= 8 + (((8 \times 8 \times 8 \times 8) + 8)/((8+8)/8)) \\
&:= 9 + ((9 \times 9 \times (9+9) + 9) + (((9+9)/9)^9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2061 &:= 1 + (1 + (11 + (1+1)^{11})) \\
&:= 2 + (2^{22/2} + 22/2) \\
&:= 333 + (3 \times 3+3)^3 \\
&:= 4 + (((4^4 \times (4+4) + 4/4) + 4) + 4) \\
&:= 5 + (((5+5)^{5-5/5} + 5)/5) + 55 \\
&:= 6 + ((6+6)/6)^{66/6} + 6 + 6/6 \\
&:= (7+7+7)/7 + 7 \times 7 \times (7 \times 7 - 7) \\
&:= (8 \times (8+8) \times (8+8)) + (88+8+8)/8 \\
&:= 9 + ((99+9) \times (9/9+9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2062 &:= 1 + (1 + (1 + (11 + (1+1)^{11}))) \\
&:= 2^{2+2} + 2^{22/2} - 2 \\
&:= 3/3 + ((3 \times 3+3)^3 + 333) \\
&:= 4 + (4^4 \times (4+4) + (44-4)/4) \\
&:= 5 + (((5+5) \times ((5-5/5)^5 + 5)) - 5)/5 \\
&:= 6 + ((6+6)/6)^{66/6} + 6 + (6+6)/6 \\
&:= 7 + (((7+7)/7)^{77/7} + 7) \\
&:= 8 + (((8 \times (8+8) \times (8+8)) - ((8+8)/8)) + 8) \\
&:= 9 + (((99+9) \times (9/9+9+9)) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2063 &:= 1 + (1 + (1 + (1 + (11 + (1+1)^{11})))) \\
&:= 2 + ((2^{22/2} + 22/2) + 2) \\
&:= 3 + ((33/3)^3 + 3^{3+3}) \\
&:= 4 + (4^4 \times (4+4) + 44/4) \\
&:= 5 + (((5+5)/5)^{55/5} + 5) + 5 \\
&:= 6 + (((6+6)/6)^{6+6} + 6)/((6+6)/6) + 6 \\
&:= 7 + (7 \times 7 \times (7 \times 7 - 7) - ((7+7)/7)) \\
&:= 8 + (((8 \times (8+8) \times (8+8)) - 8/8) + 8) \\
&:= 99/9 + ((99+9) \times (9/9+9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2064 &:= (1+1)^{11} + (1+1)^{1+1+1+1} \\
&:= 2^{2+2} + 2^{22/2} \\
&:= 3 + ((3 \times 3+3)^3 + 333) \\
&:= 4 \times ((4^4 + 4^4) + 4) \\
&:= 5 + (((5+5)/5)^{55/5} + (55/5)) \\
&:= 6 + (6 \times ((6/6+6)^{6 \times 6/(6+6)})) \\
&:= 7 + 7 \times 7 \times (7 \times 7 - 7) - 7/7 \\
&:= 8 + ((8 \times (8+8) \times (8+8)) + 8) \\
&:= 9 + ((9+9) \times (99+9) + 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2065 &:= 1 + ((1+1)^{11} + (1+1)^{1+1+1+1}) \\
&:= 2/2 + (2^{22/2} + 2^{2+2}) \\
&:= 3 + (((3 \times 3+3)^3 + 333) + 3/3) \\
&:= 4 \times 4 + (4^4 \times (4+4) + 4/4) \\
&:= 5^5 + ((5+5) \times (5-555/5)) \\
&:= (6 \times 6 - 6/6) \times (66 - (6/6+6)) \\
&:= 7 + 7 \times 7 \times (7 \times 7 - 7) \\
&:= 8 + (((8 \times (8+8) \times (8+8)) + 8/8) + 8) \\
&:= 9 + (((9+9)/9)^{99/9} - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2066 &:= (1+1)^{11} + (1+1) \times (11-1-1) \\
&:= 2 + (2^{22/2} + 2^{2+2}) \\
&:= 3 + (((33/3)^3 + 3^{3+3}) + 3) \\
&:= 4 \times 4 + (4^4 \times (4+4) + (4+4)/4) \\
&:= 55 + (((5+5)^{5-5/5} + 55)/5) \\
&:= 6 + (((6+6)/6)^{66/6} + 6) + 6 \\
&:= 7 + (7 \times 7 \times (7 \times 7 - 7) + 7/7) \\
&:= 8 + (((8 \times (8+8) \times (8+8)) + ((8+8)/8)) + 8) \\
&:= 9 + (((9+9)/9)^{99/9} + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2067 &:= (1+1)^{11} + ((1+1) \times (11-1)) - 1 \\
&:= 22 + (2^{22/2} - (2/2+2)) \\
&:= 3 + (((3 \times 3+3)^3 + 333) + 3) \\
&:= 4 + ((4^4 \times (4+4) + 44/4) + 4) \\
&:= ((55+5/5) \times (((5+5)/5)^5 + 5)) - 5 \\
&:= 66 + (((6 \times 666) + 6)/((6+6)/6)) \\
&:= 7 + (7 \times 7 \times (7 \times 7 - 7) + ((7+7)/7)) \\
&:= 8 + ((8 \times (8+8) \times (8+8)) + (88/8)) \\
&:= 9 + (((9+9)/9)^{99/9} + 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2068 &:= (1+1)^{11} + ((1+1) \times (11-1)) \\
&:= 22 + 2^{22/2} - 2 \\
&:= 33/3 \times ((3+3)^3 - (3^3+3/3)) \\
&:= 4 + (4^4 \times (4+4) + 4 \times 4) \\
&:= 5 \times 5 + (((5+5)/5)^{55/5} - 5) \\
&:= 66/6 \times ((6 \times (6 \times 6 - 6) + ((6+6)/6)) + 6) \\
&:= 77/7 \times (777/7 + 77) \\
&:= 8 + (((8 \times 8 \times 8 \times 8) + 8)/((8+8)/8)) + 8) \\
&:= 9 + (((9+9)/9)^{99/9} + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2069 &:= 11 + (11 + ((1+1)^{11} - 1)) \\
&:= 22 + (2^{22/2} - 2/2) \\
&:= 3 \times 3 + ((33/3)^3 + 3^{3+3}) \\
&:= (4+4) \times (4^4 + 4) - 44/4 \\
&:= 55 + (5^5 - 5555/5) \\
&:= 66/6 + (6 \times ((6/6+6)^{6 \times 6/(6+6)})) \\
&:= 77/7 + 7 \times 7 \times (7 \times 7 - 7) \\
&:= 8 + ((8 \times (8+8) \times (8+8)) + (88+8+8)/8) \\
&:= 99 + (9 \times 9 \times (9+9) + (((9+9)/9)^9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2070 &:= 11 + (11 + (1+1)^{11}) \\
&:= 22 + 2^{22/2} \\
&:= 3 \times ((3 \times ((3+3)^3 + 3)) + 33) \\
&:= (((4+4)^4 + 44)/((4+4)/4) \\
&:= (5 \times (5 \times (5 \times 5 + 55 + 5))) - 55 \\
&:= 6 \times ((666 \times 6)/(6+6) + 6) + 6 \\
&:= (7-7/7) \times (7 \times 7 \times 7 + ((7+7)/7)) \\
&:= ((8+8)/8) \times (8 \times 8 \times (8+8) + (88/8)) \\
&:= (9/9+9) \times (99+99+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2071 &:= 1 + (11 + (11 + (1 + 1)^{11})) \\
&:= 22 + 2^{22/2} + 2/2 \\
&:= (3 \times 3 + 3)^3 + (((3/3 + 3) + 3)^3) \\
&:= (4 + 4) \times (4^4 + 4) - (4/4 + 4 + 4) \\
&:= 5^5 - (((5 - 5/5)^5 + 5 \times 5) + 5) \\
&:= 6 + (((6 \times 6 - 6/6) \times (66 - (6/6 + 6))) \\
&:= 7 + (7 \times 7 \times (7 \times 7 - 7) - 7/7 + 7) \\
&:= 8 + (((8 \times (8 + 8) \times (8 + 8)) - 8/8) + 8) + 8) \\
&:= (9/9 + 9 + 9) \times (9/9 + 99 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2072 &:= (1 + 1)^{11} + ((1 + 1) \times (1 + 11)) \\
&:= 2 + 2^{22/2} + 22 \\
&:= 3^3 + ((3 - 3/3)^{33/3} - 3) \\
&:= (4 + 4) \times ((4^4 - 4/4) + 4) \\
&:= (55 + 5/5) \times (((5 + 5)/5)^5 + 5) \\
&:= 6 + (((((6 + 6)/6)^{66/6} + 6) + 6) + 6) \\
&:= 7 + (7 \times 7 \times (7 \times 7 - 7) + 7) \\
&:= 8 + (((8 \times (8 + 8) \times (8 + 8)) + 8) + 8) \\
&:= 9 + (((99 + 9) \times (9/9 + 9 + 9)) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2073 &:= 1 + ((1 + 1)^{11} + ((1 + 1) \times (1 + 11))) \\
&:= 2 + 2^{22/2} + 22 + 2/2 \\
&:= (3 \times (3^{3+3} - 3^3)) - 33 \\
&:= 4 + ((4 + 4) \times (4^4 + 4) - 44/4) \\
&:= 5 \times 5 + (((5 + 5)/5)^{55/5}) \\
&:= 6 + (((6 \times 666) + 6)/(6 + 6/6) + 66) \\
&:= 7 + ((7 \times 7 \times (7 \times 7 - 7) + 7/7) + 7) \\
&:= 8 + (((8 \times (8 + 8) \times (8 + 8)) + 8/8) + 8) + 8) \\
&:= 9 + (((9 + 9) \times (99 + 9) + 999/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2074 &:= (1 + 1)^{11} + ((1 + 1) \times (1 + 1 + 11)) \\
&:= 2 + 2^{22/2} + 22 + 2 \\
&:= (3/3 + 33) \times (((3/3 + 3)^3) - 3) \\
&:= 4 + ((4 + 4)^4 + 44)/(4 + 4/4) \\
&:= 5 + ((55 - 5555/5) + 5^5) \\
&:= (66/6 + 6) \times ((666 + 66)/6) \\
&:= 7 + ((7 \times 7 \times (7 \times 7 - 7) + ((7 + 7)/7)) + 7) \\
&:= (8/8 + 8 + 8) \times ((888 + 88)/8) \\
&:= (9 \times (99 + 9)) + (9999/9 - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2075 &:= (1 + 1)^{11} + (1 + 1 + 1)^{1+1+1} \\
&:= 2 + 2^{22/2} + 22 + 2/2 + 2 \\
&:= 3^3 + (3 - 3/3)^{33/3} \\
&:= (4 + 4) \times (4^4 + 4) - (4/4 + 4) \\
&:= 5 \times (((5 \times (5 \times 5 + 55) + 5) + 5) + 5) \\
&:= 66 + (((6 - 6/6) \times (6 \times 66 + 6)) - 6/6) \\
&:= 7 + (7 \times 7 \times (7 \times 7 - 7) + ((77 - 7)/7)) \\
&:= 8 + (((8 \times (8 + 8) \times (8 + 8)) + (88/8)) + 8) \\
&:= 9 + (((((9 + 9)/9)^{99/9} + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2076 &:= 1 + ((1 + 1)^{11} + (1 + 1 + 1)^{1+1+1}) \\
&:= 2 + 2^{22/2} + 22 + 2 + 2 \\
&:= (3 + 3) \times (((3/3 + 3) + 3)^3) + 3) \\
&:= (4 + 4) \times (4^4 + 4) - 4 \\
&:= 5^5 - (((5 - 5/5)^5 + 5 \times 5) \\
&:= 66 + ((6 - 6/6) \times (6 \times 66 + 6)) \\
&:= 7 + 7 \times 7 \times (7 \times 7 - 7) + 77/7 \\
&:= ((8 \times (8 \times 8 \times 8 + 8)) - 8)/(8 + 8/8) \\
&:= 9 \times 9 \times (9 + 9 + 9) - 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2077 &:= (1 + 1)^{11} + (((11 - 1) \times (1 + 1 + 1)) - 1) \\
&:= 2 \times 22^2 + 2222/2 - 2 \\
&:= 3 \times 3^{3+3} + ((3 - 333)/3) \\
&:= 4/4 + ((4 + 4) \times (4^4 + 4) - 4) \\
&:= 5 + ((55 + 5/5) \times (((5 + 5)/5)^5 + 5)) \\
&:= (66 + 6/6) \times ((6 \times 6 - 6) + 6/6) \\
&:= 7 + 7 \times 7 \times (7 \times 7 - 7) + (77 + 7)/7 \\
&:= ((8 + 8 + 8) \times (88 - 8/8)) - 88/8 \\
&:= 9 \times 9 + (((9 + 9)/9) \times (999 - 9/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2078 &:= (1 + 1)^{11} + ((11 - 1) \times (1 + 1 + 1)) \\
&:= 22 + 2^{22/2} + 2 \times (2 + 2) \\
&:= 3 + ((3 - 3/3)^{33/3} + 3^3) \\
&:= (4 + 4) \times (4^4 + 4) - (4 + 4)/4 \\
&:= 5 + (((5 + 5)/5)^{55/5} + 5 \times 5) \\
&:= 6 \times 6 + (((6 + 6)/6)^{66/6} - 6) \\
&:= 7 + ((7 \times 7 \times (7 \times 7 - 7) - 7/7 + 7) + 7) \\
&:= 8 + ((88 + 88)/8 + (8 \times (8 + 8) \times (8 + 8))) \\
&:= (99 \times (((99 + 9)/9) + 9)) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2079 &:= 1 + ((1 + 1)^{11} + ((11 - 1) \times (1 + 1 + 1))) \\
&:= 2 \times 22^2 + 2222/2 \\
&:= 3 \times (33 \times ((3 \times (3 + 3)) + 3)) \\
&:= (4 + 4) \times (4^4 + 4) - 4/4 \\
&:= ((5 + 5) \times ((5^5 - 5)/(5 + 5 + 5))) - 5/5 \\
&:= 6 \times 6 + (((6 + 6)/6)^{66/6} - 6) + 6/6) \\
&:= 7 + ((7 \times 7 \times (7 \times 7 - 7) + 7) + 7) \\
&:= (88/8 - 8) \times (8 \times 88 - (88/8)) \\
&:= 99 \times (((99 + 9)/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2080 &:= (1 + 1)^{11} + ((11 \times (1 + 1 + 1)) - 1) \\
&:= 2^{22/2} + 2 \times 2^{2+2} \\
&:= 3/3 + (3 \times (33 \times ((3 \times (3 + 3)) + 3))) \\
&:= (4 + 4) \times (4^4 + 4) \\
&:= (5 + 5) \times ((5^5 - 5)/(5 + 5 + 5)) \\
&:= (6/6 - 66) \times (6 - ((6 + 6)/6 + 6 \times 6)) \\
&:= 7 + (((7 \times 7 \times (7 \times 7 - 7) + 7/7) + 7) + 7) \\
&:= 8 \times ((8 \times 8 \times 8 + 8)/(8 + 8/8)) \\
&:= 9/9 + (99 \times (((99 + 9)/9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2081 &:= (1 + 1)^{11} + (11 \times (1 + 1 + 1)) \\
&:= 22 + (2^{22/2} + 22/2) \\
&:= 33 + (3 - 3/3)^{33/3} \\
&:= 4/4 + (4 + 4) \times (4^4 + 4) \\
&:= 5 + (5^5 - ((5 - 5/5)^5 + 5 \times 5)) \\
&:= (6 \times (6 \times (((6 + 6)/6)^6 - 6))) - 6/6 - 6 \\
&:= 7 + (((7 \times 7 \times (7 \times 7 - 7) + ((7 + 7)/7)) + 7) + 7) \\
&:= 8/8 + (8 \times ((8 \times 8 \times 8 + 8)/(8 + 8/8))) \\
&:= 9 \times 9 + (((9 + 9)/9) \times (999 + 9/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2082 &:= 1 + ((1 + 1)^{11} + (11 \times (1 + 1 + 1))) \\
&:= ((2 \times (22 + 2))^2) - 222 \\
&:= 3 + (3 \times (33 \times ((3 \times (3 + 3)) + 3))) \\
&:= (4 + 4)/4 + (4 + 4) \times (4^4 + 4) \\
&:= 5 + (((55 + 5/5) \times (((5 + 5)/5)^5 + 5)) + 5) \\
&:= (6 \times (6 \times (((6 + 6)/6)^6 - 6))) - 6 \\
&:= ((7 + 7 + 7)/7)^7 - (7 \times (7 + 7) + 7) \\
&:= ((88/8 + 8) \times (888 - 8/8) - 8 \\
&:= (9 \times (99 + 9)) + ((9999 - 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2083 &:= 1 + (1 + ((1 + 1)^{11} + (11 \times (1 + 1 + 1)))) \\
&:= 2 + ((2^{22/2} + 22/2) + 22) \\
&:= 3 + 3 \times 33 \times (3 \times (3 + 3) + 3) + 3/3 \\
&:= 4 + ((4 + 4) \times (4^4 + 4) - 4/4) \\
&:= 5 + (((5 + 5)/5)^{55/5} + 5 \times 5) + 5) \\
&:= 6 + ((66 + 6/6) \times ((6 \times 6 - 6) + 6/6)) \\
&:= 7 + (7 \times 7 \times (7 \times 7 - 7) + 77/7 + 7) \\
&:= 8 + (((8 \times (8 + 8) \times (8 + 8)) + (88/8)) + 8) + 8) \\
&:= (9 \times (99 + 9)) + 9999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2084 &:= (1 + 1)^{11} + ((1 + 1 + 1) \times (1 + 11)) \\
&:= 22^2 + (2 \times (22 - 2))^2 \\
&:= 3 + ((3 - 3/3)^{33/3} + 33) \\
&:= 4 + (4 + 4) \times (4^4 + 4) \\
&:= (5 - 5/5) \times ((5^5 + 5/5)/(5/5 + 5)) \\
&:= 6 \times 6 + (((6 + 6)/6)^{66/6}) \\
&:= 7 + (7 \times 7 \times (7 \times 7 - 7) + (77 + 7)/7 + 7) \\
&:= ((8 \times (8 \times 8 \times 8 + 8)) + 8)/(8 + 8/8) \\
&:= 9 + (((((9 + 9)/9)^{99/9} + 9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2085 &:= (1 + 1)^{11} + (111/(1 + 1 + 1)) \\
&:= 2/2 + ((2 \times (22 - 2))^2 + 22^2) \\
&:= (3 \times (3^{3+3} - 33)) - 3 \\
&:= 4 + ((4 + 4) \times (4^4 + 4) + 4/4) \\
&:= 5 + ((5 + 5) \times ((5^5 - 5)/(5 + 5 + 5))) \\
&:= 6 \times 6 + (((6 + 6)/6)^{66/6} + 6/6) \\
&:= 77 + (7 \times (7 \times (7 \times 7 - 7) - 7) - 7/7) \\
&:= (88/8 - 8) \times (8 \times 88 - (8/8 + 8)) \\
&:= 9 + (9 \times 9 \times (9 + 9 + 9) - 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2086 &:= ((1+1+11)^{1+1+1}) - 111 \\
&:= 2 + ((2 \times (22-2))^2 + 22^2) \\
&:= 3/3 + 3 \times (3^{3+3} - 33) - 3 \\
&:= 4 + ((4+4) \times (4^4+4) + (4+4)/4) \\
&:= 5^5 - (((5-5/5)^5 + 5) + 5) + 5 \\
&:= (6 \times (6 \times (((6+6)/6)^6 - 6))) - (6+6)/6 \\
&:= 77 + 7 \times (7 \times (7 \times 7 - 7) - 7) \\
&:= ((8+8+8) \times (88-8/8)) - (8+8)/8 \\
&:= 999 + (((99 \times 99) - (9+9))/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2087 &:= 1 + (((1+1+11)^{1+1+1}) - 111) \\
&:= 2^{2^{2/2}} + (2 \times (22-2) - 2/2) \\
&:= (3 \times (3^{3+3} - 33)) - 3/3 \\
&:= 4 + (((4+4) \times (4^4+4) - 4/4) + 4) \\
&:= 5^5 + (5/5 - (((5-5/5)^5 + 5) + 5) + 5) \\
&:= (6 \times (6 \times (((6+6)/6)^6 - 6))) - 6/6 \\
&:= 7/7 + (7 \times (7 \times (7 \times 7 - 7) - 7) + 77) \\
&:= ((8+8+8) \times (88-8/8)) - 8/8 \\
&:= 999 + (((99 \times 99) - 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2088 &:= (1+1)^{11} + ((1+1) \times ((1+1) \times (11-1))) \\
&:= 2^{2^{2/2}} + 2 \times (22-2) \\
&:= 3 \times (3^{3+3} - 33) \\
&:= 4 + ((4+4) \times (4^4+4) + 4) \\
&:= (5+5)/5 \times (((5-5/5)^5 - 5) + 5 \times 5) \\
&:= 6 \times (6 \times (((6+6)/6)^6 - 6)) \\
&:= (7-7/7) \times ((7 \times 7 \times 7 - ((7+7)/7)) + 7) \\
&:= (8+8+8) \times (88-8/8) \\
&:= 9 \times 9 \times (9+9+9) - 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2089 &:= ((1+1) \times (1111-11)) - 111 \\
&:= 2/2 + (2^{2^{2/2}} + 2 \times (22-2)) \\
&:= 3/3 + (3 \times (3^{3+3} - 33)) \\
&:= 4 + (((4+4) \times (4^4+4) + 4/4) + 4) \\
&:= 5^5 - ((5-5/5)^5 + ((55+5)/5)) \\
&:= 6/6 + (6 \times (6 \times (((6+6)/6)^6 - 6))) \\
&:= ((7+7+7)/7)^7 - 7 \times (7+7) \\
&:= 8/8 + ((8+8+8) \times (88-8/8)) \\
&:= 9/9 + (9 \times 9 \times (9+9+9) - 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2090 &:= (111-1) \times (((1+1) \times (11-1)) - 1) \\
&:= 2 \times 22 + 2^{2^{2/2}} - 2 \\
&:= 3 + ((3 \times (3^{3+3} - 33)) - 3/3) \\
&:= 44 + (4^4 \times (4+4) - (4+4)/4) \\
&:= 55 + (55 \times (((5+5)/5)^5 + 5)) \\
&:= 6 + (((6+6)/6)^{6/6} + 6 \times 6) \\
&:= 7 \times 7 + (((7+7)/7)^{7/7} - 7) \\
&:= (88/8+8) \times (888-8)/8 \\
&:= (9/9+9+9) \times (99/9+99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2091 &:= 1 + ((111-1) \times (((1+1) \times (11-1)) - 1)) \\
&:= 2 \times 22 + (2^{2^{2/2}} - 2/2) \\
&:= 3 + (3 \times (3^{3+3} - 33)) \\
&:= 44 + (4^4 \times (4+4) - 4/4) \\
&:= 5^5 - (((5-5/5)^5 + 5) + 5) \\
&:= 666/6 + 66 \times (6 \times 6 - 6) \\
&:= (7+7) \times (77-7) + 7777/7 \\
&:= (88/8-8) \times ((8 \times 88-8) + 8/8) \\
&:= 999/9 + (99 \times (99/9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2092 &:= (1+1)^{11} + ((1+1) \times (11+11)) \\
&:= 2 \times 22 + 2^{2^{2/2}} \\
&:= 3 + ((3 \times (3^{3+3} - 33)) + 3/3) \\
&:= 44 + 4^4 \times (4+4) \\
&:= 5^5 + (5/5 - (((5-5/5)^5 + 5) + 5)) \\
&:= 66 \times (6 \times 6 - 6) + (666+6)/6 \\
&:= 7 \times 77 + (((7+7) \times 777) - 7)/7 \\
&:= ((8 \times 8 \times 8 \times 8) + 88)/(8+8)/8 \\
&:= 9 + (9999/9 + (9 \times (99+9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2093 &:= 1 + ((1+1)^{11} + ((1+1) \times (11+11))) \\
&:= 2/2 + (2^{2^{2/2}} + 2 \times 22) \\
&:= 33 + ((33/3)^3 + 3^{3+3}) \\
&:= 44 + (4^4 \times (4+4) + 4/4) \\
&:= 55 + ((5+5)/5 \times ((5-5/5)^5 - 5)) \\
&:= 6 \times 6 \times (66-6) - (66+6/6) \\
&:= 7 \times (7 \times (7 \times 7 - 7) + 7) - (7+7) \\
&:= (88 \times (8+8+8)) - (88/8+8) \\
&:= ((99+9+9)/9) \times (9 \times (9+9) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2094 &:= (1+1)^{11} + ((1+1) \times (1+(11+11))) \\
&:= (2 \times 22 + 2)^2 - 22 \\
&:= 3 + ((3 \times (3^{3+3} - 33)) + 3) \\
&:= 44 + (4^4 \times (4+4) + (4+4)/4) \\
&:= 5^5 - (((5-5/5)^5 + ((5+5)/5) + 5)) \\
&:= 6 \times 6 \times (66-6) - 66 \\
&:= (7-7/7) \times ((7 \times 7 \times 7 - 7/7) + 7) \\
&:= ((8+8)/8) \times (8888/8 - 8 \times 8) \\
&:= (9 \times (9 \times (9+9+9) - 9)) - (99+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2095 &:= 1 + ((1+1)^{11} + ((1+1) \times (1+(11+11)))) \\
&:= 2/2 + (2 \times 22 + 2)^2 - 22 \\
&:= (3 \times (3^{3+3} - 3^3)) - 33/3 \\
&:= 4 + ((4^4 \times (4+4) - 4/4) + 44) \\
&:= ((55+5) \times ((5 \times 5+5) + 5)) - 5 \\
&:= 6/6 + (6 \times 6 \times (66-6) - 66) \\
&:= 7 \times (7 \times (7 \times 7 - 7) + 7) - (77+7)/7 \\
&:= (88 \times (8+8+8)) - (8/8+8+8) \\
&:= (9 \times (9 \times (9+9+9) - 9)) - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2096 &:= (1+1)^{11} + ((1+1) \times ((1+1) \times (1+11))) \\
&:= 2 + (2 \times 22 + 2)^2 - 22 \\
&:= ((33/3+3)^3) - 3 \times (3+3)^3 \\
&:= 4 + (4^4 \times (4+4) + 44) \\
&:= 5^5 - (((5-5/5)^5 + 5) \\
&:= 6 \times 6 \times (66-6) - ((6+6)/6)^6 \\
&:= 7 + (((7+7+7)/7)^7 - 7 \times (7+7)) \\
&:= (88 \times (8+8+8)) - 8-8 \\
&:= (9 \times (9 \times (9+9+9) - 9)) - 9/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2097 &:= (11-1-1) \times (11+(1+1) \times 111) \\
&:= 2 + (2 \times 22 + 2)^2 - 22 + 2/2 \\
&:= 3 \times ((3^{3+3} - 33) + 3) \\
&:= 4 + ((4^4 \times (4+4) + 44) + 4/4) \\
&:= 5^5 + (5/5 - ((5-5/5)^5 + 5)) \\
&:= 6 + (66 \times (6 \times 6 - 6) + 666/6) \\
&:= 7 \times 7 + (((7+7)/7)^{7/7}) \\
&:= 8/8 + ((88 \times (8+8+8)) - (8+8)) \\
&:= (9 \times (9 \times (9+9+9) - 9)) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2098 &:= (1+1)^{11} + ((11-1)^{1+1}/(1+1)) \\
&:= 2 + (2 \times 22 + 2)^2 - 22 + 2 \\
&:= 3/3 + (3 \times (3^{3+3} - 33) + 3) \\
&:= 4 + ((4^4 \times (4+4) + (4+4)/4) + 44) \\
&:= 55 + (((5+5)/5)^{55/5} - 5) \\
&:= ((6-66) \times (6/6 - 6 \times 6)) - (6+6)/6 \\
&:= 7/7 + (((7+7)/7)^{7/7}) + 7 \times 7 \\
&:= 8 + ((88/8+8) \times (888-8)/8) \\
&:= 9/9 + ((9 \times (9 \times (9+9+9) - 9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2099 &:= ((1+1) \times (1111-1)) - 11^{1+1} \\
&:= 2222 - (22/2)^2 - 2 \\
&:= 33/3 + (3 \times (3^{3+3} - 33)) \\
&:= 4 + (((4^4 \times (4+4) - 4/4) + 44) + 4) \\
&:= 5^5 - ((5-5/5)^5 + ((5+5)/5)) \\
&:= ((6-66) \times (6/6 - 6 \times 6)) - 6/6 \\
&:= 7 \times (7 \times (7 \times 7 - 7) + 7) - (7/7+7) \\
&:= ((88/8-8)^{8-8/8}) - 88 \\
&:= 9 + ((9/9+9+9) \times (99/9+99))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2100 &:= (11+(11-1)) \times (11-1)^{1+1} \\
&:= (2 \times 22 + 2)^2 - 2^{2+2} \\
&:= 3 + (3 \times ((3^{3+3} - 33) + 3)) \\
&:= 4 + ((4^4 \times (4+4) + 44) + 4) \\
&:= (55+5) \times ((5 \times 5+5) + 5) \\
&:= (6-66) \times (6/6 - 6 \times 6) \\
&:= (7-7/7) \times (7 \times 7 \times 7 + 7) \\
&:= (88 \times (8+8+8)) - (88+8)/8 \\
&:= (9/9+9) \times (999/9+99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2101 &:= ((1+1) \times 1111) - 11^{1+1} \\
&:= 2222 - (22/2)^2 \\
&:= (33 \times ((3/3+3)^3)) - 33/3 \\
&:= 44 \times (44+4) - 44/4 \\
&:= 5^5 - (5-5/5)^5 \\
&:= 6/6 + ((6-66) \times (6/6-6 \times 6)) \\
&:= 7/7 + ((7-7/7) \times (7 \times 7 \times 7+7)) \\
&:= (88 \times (8+8+8)) - 88/8 \\
&:= 999 + (9999/9-9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2102 &:= 1 + (((1+1) \times 1111) - 11^{1+1}) \\
&:= 2 + (2 \times 22 + 2)^2 - 2^{2+2} \\
&:= (3 \times (3^{3+3} - 3^3)) - (3/3+3) \\
&:= (4-44)/4 + 44 \times (44+4) \\
&:= 5^5 + (5/5 - (5-5/5)^5) \\
&:= 6 + (6 \times 6 \times (66-6) - ((6+6)/6)^6) \\
&:= (7+7)/7 + ((7-7/7) \times (7 \times 7 \times 7+7)) \\
&:= (8-88)/8 + (88 \times (8+8+8)) \\
&:= 999 + ((9999+9)/9-9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2103 &:= (1+1)^{11} + (111-1)/(1+1) \\
&:= 2 + 2222 - (22/2)^2 \\
&:= (3 \times (3^{3+3} - 3^3)) - 3 \\
&:= 44 + (4^4 \times (4+4) + 44/4) \\
&:= 55 + (((5+5)/5)^{55/5}) \\
&:= ((6 \times (666+6 \times 6)) - 6)/((6+6)/6) \\
&:= ((7+7+7)/7)^7 - 77 - 7 \\
&:= (88 \times (8+8+8)) - (8/8+8) \\
&:= (9 \times (9 \times (9+9+9) - 9)) - (9+9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2104 &:= (1+1)^{11} + (1+111)/(1+1) \\
&:= 2 \times (2 \times (22 \times (22+2) - 2)) \\
&:= 3/3 + ((3 \times (3^{3+3} - 3^3)) - 3) \\
&:= 44 \times (44+4) - 4-4 \\
&:= 5 + (5^5 - ((5-5/5)^5 + ((5+5)/5))) \\
&:= 6 + (((6-66) \times (6/6-6 \times 6)) - ((6+6)/6)) \\
&:= 7 + (((7+7)/7)^{77/7} + 7 \times 7) \\
&:= (88 \times (8+8+8)) - 8 \\
&:= (9 \times (9 \times (9+9+9) - 9)) - (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2105 &:= 1 + ((1+1)^{11} + (1+111)/(1+1)) \\
&:= (2 \times 22 + 2)^2 - 22/2 \\
&:= (3 \times (3^{3+3} - 3^3)) - 3/3 \\
&:= 4 + (44 \times (44+4) - 44/4) \\
&:= 5 + ((55+5) \times ((5 \times 5+5) + 5)) \\
&:= 6 + (((6-66) \times (6/6-6 \times 6)) - 6/6) \\
&:= 7 \times (7 \times (7 \times 7-7) + 7) - (7+7)/7 \\
&:= 8/8 + ((88 \times (8+8+8)) - 8) \\
&:= (9 \times (9 \times (9+9+9) - 9)) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2106 &:= 1 + (1 + ((1+1)^{11} + (1+111)/(1+1))) \\
&:= 2 + (2 \times (2 \times ((22 \times (22+2)) - 2))) \\
&:= 3 \times (3^{3+3} - 3^3) \\
&:= 44 \times (44+4) - ((4+4)/4+4) \\
&:= 5 + (5^5 - (5-5/5)^5) \\
&:= 6 + ((6-66) \times (6/6-6 \times 6)) \\
&:= 7 \times (7 \times (7 \times 7-7) + 7) - 7/7 \\
&:= (8+8)/8 + ((88 \times (8+8+8)) - 8) \\
&:= 9 \times (9 \times (9+9+9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2107 &:= ((1+1) \times (1111 - (1+1))) - 111 \\
&:= 2 + ((2 \times 22 + 2)^2 - 22/2) \\
&:= 3/3 + (3 \times (3^{3+3} - 3^3)) \\
&:= 44 \times (44+4) - (4/4+4) \\
&:= 5 + ((5/5 - (5-5/5)^5) + 5^5) \\
&:= 6 + (((6-66) \times (6/6-6 \times 6)) + 6/6) \\
&:= 7 \times (7 \times (7 \times 7-7) + 7) \\
&:= 8 + (((88/8-8)^{8-8/8}) - 88) \\
&:= 9/9 + (9 \times (9 \times (9+9+9) - 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2108 &:= (111 \times (((1+1) \times (11-1)) - 1)) - 1 \\
&:= 2 \times (2 \times (((22+2/2)^2) - 2)) \\
&:= 3 + ((3 \times (3^{3+3} - 3^3)) - 3/3) \\
&:= 44 \times (44+4) - 4 \\
&:= 5 + (((5+5)/5)^{55/5} + 55) \\
&:= 66 + (((6+6)/6)^{66/6} - 6) \\
&:= 7/7 + 7 \times (7 \times (7 \times 7-7) + 7) \\
&:= (88 \times (8+8+8)) - (8/((8+8)/8)) \\
&:= (9+9)/9 + (9 \times (9 \times (9+9+9) - 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2109 &:= 111 \times (((1+1) \times (11-1)) - 1) \\
&:= 2222 - (222/2+2) \\
&:= 3 + (3 \times (3^{3+3} - 3^3)) \\
&:= 4/4 + (44 \times (44+4) - 4) \\
&:= 555/5 \times (5 \times 5 - (5/5+5)) \\
&:= 666/6 \times ((6/6+6+6) + 6) \\
&:= (7+7)/7 + 7 \times (7 \times (7 \times 7-7) + 7) \\
&:= (88/8+8) \times 888/8 \\
&:= (9/9+9+9) \times 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2110 &:= 1 + (111 \times (((1+1) \times (11-1)) - 1)) \\
&:= (2 \times 22 + 2)^2 - (2+2+2) \\
&:= 3 + ((3 \times (3^{3+3} - 3^3)) + 3/3) \\
&:= 44 \times (44+4) - (4+4)/4 \\
&:= 5 + (((55+5) \times ((5 \times 5+5) + 5)) + 5) \\
&:= (((66-6)/6) \times (6 \times 6 \times 6 - 6 + 6/6)) \\
&:= ((7+7+7)/7)^7 - 77 \\
&:= (88 \times (8+8+8)) - (8+8)/8 \\
&:= 999 + 9999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2111 &:= ((1+1) \times 1111) - 111 \\
&:= 2222 - 222/2 \\
&:= (33 \times ((3/3+3)^3)) - 3/3 \\
&:= 44 \times (44+4) - 4/4 \\
&:= 5 + ((5^5 - (5-5/5)^5) + 5) \\
&:= 66/6 + ((6-66) \times (6/6-6 \times 6)) \\
&:= 7/7 + (((7+7+7)/7)^7 - 77) \\
&:= (88 \times (8+8+8)) - 8/8 \\
&:= 999 + (9999+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2112 &:= 1 + (((1+1) \times 1111) - 111) \\
&:= 2 \times (2 \times (22 \times (22+2))) \\
&:= 33 \times ((3/3+3)^3) \\
&:= 44 \times (44+4) \\
&:= 5^5 + (55/5 - (5-5/5)^5) \\
&:= 66 \times (((6+6)/6-6) + 6 \times 6) \\
&:= 7 + (7 \times (7 \times (7 \times 7-7) + 7) - ((7+7)/7)) \\
&:= 88 \times (8+8+8) \\
&:= 99/9 \times (999/9+9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2113 &:= ((1+1) \times (1+1111)) - 111 \\
&:= (2 \times 22 + 2)^2 - 2/2 - 2 \\
&:= 3/3 + (33 \times ((3/3+3)^3)) \\
&:= 4/4 + 44 \times (44+4) \\
&:= 5 + (((5+5)/5)^{55/5} + 55) + 5 \\
&:= (6 \times (6 \times (66-6) - 6)) - 66/6 \\
&:= 7 + (7 \times (7 \times (7 \times 7-7) + 7) - 7/7) \\
&:= 8/8 + (88 \times (8+8+8)) \\
&:= 9 + ((9 \times (9 \times (9+9+9) - 9)) - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2114 &:= 1 + (((1+1) \times (1+1111)) - 111) \\
&:= (2 \times 22 + 2)^2 - 2 \\
&:= 3 + ((33 \times ((3/3+3)^3)) - 3/3) \\
&:= (4+4)/4 + 44 \times (44+4) \\
&:= 5 + (555/5 \times (5 \times 5 - (5/5+5))) \\
&:= 66 + (((6+6)/6)^{66/6}) \\
&:= 7 + 7 \times (7 \times (7 \times 7-7) + 7) \\
&:= (8+8)/8 + (88 \times (8+8+8)) \\
&:= 9 + ((9 \times (9 \times (9+9+9) - 9)) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2115 &:= (((1+1) \times (1+(11+11)))^{1+1}) - 1 \\
&:= (2 \times 22 + 2)^2 - 2/2 \\
&:= 3 + (33 \times ((3/3+3)^3)) \\
&:= 4 + (44 \times (44+4) - 4/4) \\
&:= 555 + (5 \times (5^5 - 5)/(5+5)) \\
&:= 6 + (666/6 \times ((6/6+6+6) + 6)) \\
&:= 7 + (7 \times (7 \times (7 \times 7-7) + 7) + 7/7) \\
&:= 88/8 + ((88 \times (8+8+8)) - 8) \\
&:= 9 + (9 \times (9 \times (9+9+9) - 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2116 &:= ((1+1) \times (1+(11+11)))^{1+1} \\
&:= (2 \times 22 + 2)^2 \\
&:= 3 + ((33 \times ((3/3 + 3)^3)) + 3/3) \\
&:= 4 + 44 \times (44 + 4) \\
&:= 5 + (((5^5 - (5 - 5/5)^5) + 5) + 5) \\
&:= (((66 - 6)/6) + 6 \times 6)^{(6+6)/6} \\
&:= (7 \times 7 - ((7 + 7 + 7)/7))^{(7+7)/7} \\
&:= (8/(8+8)/8) + (88 \times (8+8+8)) \\
&:= 9 + ((9 \times (9 \times (9+9+9) - 9)) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2117 &:= 1 + (((1+1) \times (1+(11+11)))^{1+1}) \\
&:= 2/2 + (2 \times 22 + 2)^2 \\
&:= 33/3 + (3 \times (3^{3+3} - 3^3)) \\
&:= 4 + (44 \times (44 + 4) + 4/4) \\
&:= 5 + ((55/5 - (5 - 5/5)^5) + 5^5) \\
&:= (6 \times (6 \times (66 - 6) - 6)) - 6/6 - 6 \\
&:= 7 + (((7+7+7)/7)^7 - 77) \\
&:= 8 + ((88/8 + 8) \times 888/8) \\
&:= 99/9 + (9 \times (9 \times (9+9+9) - 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2118 &:= 1 + (1 + (((1+1) \times (1+(11+11)))^{1+1})) \\
&:= 2 + (2 \times 22 + 2)^2 \\
&:= 3 + ((33 \times ((3/3 + 3)^3)) + 3) \\
&:= 4 + (44 \times (44 + 4) + (4 + 4)/4) \\
&:= 555 + ((5^5 + 5/5)/(5 + 5/5)) \\
&:= (6 \times (6 \times (66 - 6) - 6)) - 6 \\
&:= 77 + (((7+7)/7)^{77/7} - 7) \\
&:= 8 + ((88 \times (8+8+8)) - ((8+8)/8)) \\
&:= 9 + ((9/9 + 9 + 9) \times 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2119 &:= 1 + (1 + (1 + (((1+1) \times (1+(11+11)))^{1+1}))) \\
&:= 2 + (2 \times 22 + 2)^2 + 2/2 \\
&:= 3 + (((33 \times ((3/3 + 3)^3)) + 3/3) + 3) \\
&:= 4 + ((44 \times (44 + 4) - 4/4) + 4) \\
&:= (5 - 5/5)^5 + (55 \times (5 \times 5 - 5) - 5) \\
&:= 6/6 + ((6 \times (6 \times (66 - 6) - 6)) - 6) \\
&:= (77 + 7)/7 + 7 \times (7 \times (7 \times 7 - 7) + 7) \\
&:= 8 + ((88 \times (8+8+8)) - 8/8) \\
&:= 9 + (9999/9 + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2120 &:= 11 + (111 \times (((1+1) \times (11-1)) - 1)) \\
&:= 2 + (2 \times 22 + 2)^2 + 2 \\
&:= 3 \times 3^{3+3} - (((3/3 + 3)^3) + 3) \\
&:= 4 + (44 \times (44 + 4) + 4) \\
&:= (5 - 5/5) \times (555 - 5 \times 5) \\
&:= 6 + (((6+6)/6)^{66/6} + 66) \\
&:= 7 + ((7 \times (7 \times (7 \times 7 - 7) + 7) - 7/7) + 7) \\
&:= 8 + (88 \times (8+8+8)) \\
&:= 9 \times 9 + (((9+9)/9)^{99/9} - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2121 &:= (11 + (11 - 1)) \times (1 + (11 - 1)^{1+1}) \\
&:= 2 + (2 \times 22 + 2)^2 + 2/2 + 2 \\
&:= 3 \times 3 + (33 \times ((3/3 + 3)^3)) \\
&:= 4 + ((44 \times (44 + 4) + 4/4) + 4) \\
&:= 5 \times 5 + (5^5 - ((5 - 5/5)^5 + 5)) \\
&:= ((6 \times 6)/(6 + 6))^{6/6+6} - 66 \\
&:= 7 + (7 \times (7 \times (7 \times 7 - 7) + 7) + 7) \\
&:= 8 + ((88 \times (8+8+8)) + 8/8) \\
&:= 9 + ((99/9) \times (999/9 + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2122 &:= 11 + (((1+1) \times 1111) - 111) \\
&:= 2 + (2 \times 22 + 2)^2 + 2 + 2 \\
&:= 3 \times 3 + ((33 \times ((3/3 + 3)^3)) + 3/3) \\
&:= (44 - 4)/4 + 44 \times (44 + 4) \\
&:= 5 + (((55/5 - (5 - 5/5)^5) + 5^5) + 5) \\
&:= (6 \times (6 \times (66 - 6) - 6)) - (6 + 6)/6 \\
&:= 7 + ((7 \times (7 \times (7 \times 7 - 7) + 7) + 7/7) + 7) \\
&:= 8 + ((88 \times (8+8+8)) + ((8+8)/8)) \\
&:= 9 + (((9 \times (9 \times (9+9+9) - 9)) - (9+9)/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2123 &:= 1 + (11 + (((1+1) \times 1111) - 111)) \\
&:= 2 + (2 \times 22 + 2)^2 + 2/2 + 2 + 2 \\
&:= 3 \times 3^{3+3} - ((3/3 + 3)^3) \\
&:= 44/4 + 44 \times (44 + 4) \\
&:= (5 \times (5 + 5 + 5)) + (((5+5)/5)^{55/5}) \\
&:= (6 \times (6 \times (66 - 6) - 6)) - 6/6 \\
&:= 7 + ((7 \times 7 - ((7+7+7)/7))^{(7+7)/7}) \\
&:= 88/8 + (88 \times (8+8+8)) \\
&:= 9 + (((9 \times (9 \times (9+9+9) - 9)) - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2124 &:= 1111 + (1 + 1)^{11-1} - 11 \\
&:= 2 \times 2 \times ((22 + 2/2)^2 + 2) \\
&:= 3 \times (((3^3+3) - 3^3) + 3) + 3) \\
&:= 44 + (4 + 4) \times (4^4 + 4) \\
&:= (5 - 5/5)^5 + 55 \times (5 \times 5 - 5) \\
&:= 6 \times (6 \times (66 - 6) - 6) \\
&:= 7 + (((7+7+7)/7)^7 - 77) + 7) \\
&:= ((88+8)/8) + (88 \times (8+8+8)) \\
&:= 9 + ((9 \times (9 \times (9+9+9) - 9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2125 &:= 1 + (1111 + (1 + 1)^{11-1} - 11) \\
&:= 22/2 + (2 \times 22 + 2)^2 - 2 \\
&:= 3/3 + (3 \times (((3^3+3) - 3^3) + 3) + 3) \\
&:= 44 + ((4+4) \times (4^4 + 4) + 4/4) \\
&:= 5 \times (5 \times (5 \times 5 + 55 + 5)) \\
&:= 6/6 + (6 \times (6 \times (66 - 6) - 6)) \\
&:= 77 + (((7+7)/7)^{77/7}) \\
&:= 8 + (((88/8+8) \times 888/8) + 8) \\
&:= 9 + (((9 \times (9 \times (9+9+9) - 9)) + 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2126 &:= 11 + (((1+1) \times (1+(11+11)))^{1+1}) - 1) \\
&:= 2 + ((2 \times 22 + 2)^2 + 2 \times (2 + 2)) \\
&:= 3 + (3 \times 3^{3+3} - ((3/3 + 3)^3)) \\
&:= 4 + (44 \times (44 + 4) + (44 - 4)/4) \\
&:= 5 \times 5 + (5^5 - (5 - 5/5)^5) \\
&:= (6 + 6)/6 + (6 \times (6 \times (66 - 6) - 6)) \\
&:= 7/7 + (((7+7)/7)^{77/7} + 77) \\
&:= 8 + (((88 \times (8+8+8)) - ((8+8)/8)) + 8) \\
&:= 9 + ((9 \times (9 \times (9+9+9) - 9)) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2127 &:= 11 + (((1+1) \times (1+(11+11)))^{1+1}) \\
&:= 22/2 + (2 \times 22 + 2)^2 \\
&:= 3 \times 3^{3+3} - (3^3 + 33) \\
&:= 4 + (44 \times (44 + 4) + 44/4) \\
&:= 5 \times 5 + ((5/5 - (5 - 5/5)^5) + 5^5) \\
&:= 6 + (((6 \times 6)/(6 + 6))^{6/6+6} - 66) \\
&:= 77 + (7 \times 7 \times (7 \times 7 - 7) - (7/7 + 7)) \\
&:= 8 + (((88 \times (8+8+8)) - 8/8) + 8) \\
&:= 9 + (((9/9 + 9 + 9) \times 999/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2128 &:= (1 + 111) \times (((1+1) \times (11-1)) - 1) \\
&:= 2 \times ((2 \times ((22 + 2/2)^2 + 2)) + 2) \\
&:= 3/3 + (3 \times 3^{3+3} - (3^3 + 33)) \\
&:= 4 \times ((44 \times ((4+4) + 4) + 4) \\
&:= 5 \times 5 + (((5+5)/5)^{55/5} + 55) \\
&:= 6 + ((6 \times (6 \times (66 - 6) - 6)) - ((6+6)/6)) \\
&:= 77 + (7 \times 7 \times (7 \times 7 - 7) - 7) \\
&:= 8 + ((88 \times (8+8+8)) + 8) \\
&:= (9/9 + 9 + 9) \times ((999 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2129 &:= (1 + 1)^{11} + (11 - 1 - 1)^{1+1} \\
&:= 2 + ((2 \times 22 + 2)^2 + 22/2) \\
&:= 3 \times 3^3 + (3 - 3/3)^{33/3} \\
&:= (4 - 4/4)^4 + 4^4 \times (4 + 4) \\
&:= 5 + ((5 \times (5 \times (55 + 5))) + (5^5 - 5)/5) \\
&:= 6 + ((6 \times (6 \times (66 - 6) - 6)) - 6/6) \\
&:= 7/7 + ((7 \times 7 \times (7 \times 7 - 7) - 7) + 77) \\
&:= 8 + (((88 \times (8+8+8)) + 8/8) + 8) \\
&:= 9 \times 9 + (((9+9)/9)^{99/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2130 &:= 1 + ((1+1)^{11} + (11 - 1 - 1)^{1+1}) \\
&:= 2^{2+2} + ((2 \times 22 + 2)^2 - 2) \\
&:= (3^3 + 3) \times (((3+3)^3 - 3)/3) \\
&:= 4 \times 4 + (44 \times (44 + 4) + (4 + 4)/4) \\
&:= 5 + (5 \times (5 \times (5 \times 5 + 55 + 5))) \\
&:= 6 + (6 \times (6 \times (66 - 6) - 6)) \\
&:= (7 - 7/7) \times ((77 + 7)/7 + 7 \times 7 \times 7) \\
&:= 8 + (((88 \times (8+8+8)) + ((8+8)/8)) + 8) \\
&:= 9/9 + (((9+9)/9)^{99/9} + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2131 &:= 1 + (1 + ((1 + 1)^{11} + (11 - 1 - 1)^{1+1})) \\
&:= 2 + (((2 \times 22 + 2)^2 + 22/2) + 2) \\
&:= (((3^3 + 3) \times ((3 + 3)^3 - 3)) + 3)/3 \\
&:= 4^4 + ((4 - 4/4) \times (4/4 + 4^4)) \\
&:= 5 + ((5 \times 5 - (5 - 5/5)^5) + 5^5) \\
&:= 6 + ((6 \times (6 \times (66 - 6) - 6)) + 6/6) \\
&:= ((7 + 7 + 7)/7)^7 - (7 \times 7 + 7) \\
&:= 8 + ((88 \times (8 + 8 + 8)) + (88/8)) \\
&:= ((99/9 + 9) \times ((99 - 9/9) + 9)) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2132 &:= 1111 + ((1 + 1)^{11-1} - 1 - 1 - 1) \\
&:= 2^{2+2} + (2 \times 22 + 2)^2 \\
&:= (3^3 - 3/3) \times (3 \times 3^3 + 3/3) \\
&:= 4 + (44 \times (44 + 4) + 4 \times 4) \\
&:= ((5 - (5 + 5)/5)^{(5+5)/5+5}) - 55 \\
&:= 6 + ((6 \times (6 \times (66 - 6) - 6)) + ((6 + 6)/6)) \\
&:= 7 + (((7 + 7)/7)^{77/7} + 77) \\
&:= 8 + ((88 \times (8 + 8 + 8)) + ((88 + 8)/8)) \\
&:= (((9 + 9)/9)^9) + (9 \times (99 + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2133 &:= 1111 + ((1 + 1)^{11-1} - (1 + 1)) \\
&:= 22 + (2222 - 222/2) \\
&:= 3 \times (3^{3+3} - (3 \times (3 + 3))) \\
&:= 4 + ((4 - 4/4)^4 + 4^4 \times (4 + 4)) \\
&:= 5^5 + (((5 + 5)/5)^5 - (5 - 5/5)^5) \\
&:= 6 + (((6 \times 6/(6 + 6))^{6/6+6}) - 66) + 6) \\
&:= 77 + (7 \times 7 \times (7 \times 7 - 7) - ((7 + 7)/7)) \\
&:= (88/8 - 8) \times ((8 \times 88 - 8/8) + 8) \\
&:= (9 + 9 + 9) \times (9 \times 9 - ((9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2134 &:= 1111 + ((1 + 1)^{11-1} - 1) \\
&:= 2222 - 2 \times 2 \times 22 \\
&:= 3/3 + (3 \times (3^{3+3} - (3 \times (3 + 3)))) \\
&:= 4 \times 4^4 + (4444 - 4)/4 \\
&:= 555 + ((5 - 5/5)^5 + 555) \\
&:= ((66 - 6)/6) + (6 \times (6 \times (66 - 6) - 6)) \\
&:= 77 + 7 \times 7 \times (7 \times 7 - 7) - 7/7 \\
&:= 88 + ((8 \times (8 + 8) \times (8 + 8)) - ((8 + 8)/8)) \\
&:= 9/9 + ((9 + 9 + 9) \times (9 \times 9 - ((9 + 9)/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2135 &:= 1111 + (1 + 1)^{11-1} \\
&:= (2^{22/2} + 2222)/2 \\
&:= 3 + ((3^3 - 3/3) \times (3 \times 3^3 + 3/3)) \\
&:= 4 \times 4^4 + 4444/4 \\
&:= 5 + ((5 \times (5 \times (5 \times 5 + 55 + 5))) + 5) \\
&:= 66/6 + (6 \times (6 \times (66 - 6) - 6)) \\
&:= 77 + 7 \times 7 \times (7 \times 7 - 7) \\
&:= 88 + ((8 \times (8 + 8) \times (8 + 8)) - 8/8) \\
&:= 9 + (((9 \times (9 \times (9 + 9 + 9) - 9)) + (99/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2136 &:= 1 + (1111 + (1 + 1)^{11-1}) \\
&:= 22 + ((2 \times 22 + 2)^2 - 2) \\
&:= 3 + (3 \times (3^{3+3} - (3 \times (3 + 3)))) \\
&:= (4 + 4) \times (44/4 + 4^4) \\
&:= 5 + (((5 \times 5 - (5 - 5/5)^5) + 5^5) + 5) \\
&:= 6 + ((6 \times (6 \times (66 - 6) - 6)) + 6) \\
&:= 7/7 + (7 \times 7 \times (7 \times 7 - 7) + 77) \\
&:= 88 + (8 \times (8 + 8) \times (8 + 8)) \\
&:= 9 + (((9/9 + 9 + 9) \times 999/9) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2137 &:= 1 + (1 + (1111 + (1 + 1)^{11-1})) \\
&:= 22 + ((2 \times 22 + 2)^2 - 2/2) \\
&:= 3 + ((3 \times (3^{3+3} - (3 \times (3 + 3)))) + 3/3) \\
&:= 4/4 + ((4 + 4) \times (44/4 + 4^4)) \\
&:= 5 + (((5 - (5 + 5)/5)^{(5+5)/5+5}) - 55) \\
&:= 6 + (((6 \times (6 \times (66 - 6) - 6)) + 6/6) + 6) \\
&:= ((7 + 7 + 7)/7)^7 - (7/7 + 7 \times 7) \\
&:= 8/8 + ((8 \times (8 + 8) \times (8 + 8)) + 88) \\
&:= 9 + ((9/9 + 9 + 9) \times ((999 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2138 &:= (1 + 1)^{11} + (11 - 1) \times (11 - 1 - 1) \\
&:= 22 + (2 \times 22 + 2)^2 \\
&:= 3^3 + ((33 \times ((3/3 + 3)^3)) - 3/3) \\
&:= 4 + ((4444 - 4)/4 + 4 \times 4^4) \\
&:= 5 \times 555 - ((55 + 5^5 + 5)/5) \\
&:= 6 \times 6 \times (66 - 6) - ((66 + 66)/6) \\
&:= ((7 + 7 + 7)/7)^7 - 7 \times 7 \\
&:= 88 + ((8 \times (8 + 8) \times (8 + 8)) + ((8 + 8)/8)) \\
&:= 9 + (((9 + 9)/9)^{99/9}) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2139 &:= 1 + ((1 + 1)^{11} + (11 - 1) \times (11 - 1 - 1)) \\
&:= 22 + ((2 \times 22 + 2)^2 + 2/2) \\
&:= 3^3 + (33 \times ((3/3 + 3)^3)) \\
&:= 4 + (4444/4 + 4 \times 4^4) \\
&:= 5 \times 555 - ((55 + 5^5)/5) \\
&:= ((66 \times 66 - 6)/(6 + 6)/6) - 6 \times 6 \\
&:= 7/7 + (((7 + 7 + 7)/7)^7 - 7 \times 7) \\
&:= 8 + (((88 \times (8 + 8 + 8)) + (88/8)) + 8) \\
&:= ((99/9 + 9) \times 999/9) - 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2140 &:= 11 + ((1 + 1)^{11} + (11 - 1 - 1)^{1+1}) \\
&:= 2 + ((2 \times 22 + 2)^2 + 22) \\
&:= 3^3 + ((33 \times ((3/3 + 3)^3)) + 3/3) \\
&:= 4 + ((4 + 4) \times (44/4 + 4^4)) \\
&:= (5 - 5/5) \times ((555 - 5 \times 5) + 5) \\
&:= ((66 - 6)/6) \times (6 \times 6 \times 6 - (6 + 6)/6) \\
&:= (7 + 7)/7 + (((7 + 7 + 7)/7)^7 - 7 \times 7) \\
&:= 88 + (((8 \times 8 \times 8 \times 8) + 8)/(8 + 8)/8) \\
&:= (99/9 + 9) \times ((99 - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2141 &:= (1 + 1)^{11} + (((1 + 1)^{11-1} - 1)/11) \\
&:= 2222 - (2/2 + 2)^{2+2} \\
&:= (33/3)^3 + (3^3 \times (3^3 + 3)) \\
&:= (4 - 4/4 + 4)^4 - 4^4 - 4 \\
&:= ((5 - 5^5)/5) + (5 \times 555 - (5 + 5)) \\
&:= 6 + ((6 \times (6 \times (66 - 6) - 6)) + (66/6)) \\
&:= 7 + (7 \times 7 \times (7 \times 7 - 7) - 7/7 + 77) \\
&:= 8 + ((88/8 - 8) \times ((8 \times 88 - 8/8) + 8)) \\
&:= 9 + ((9 \times (99 + 9 \times 9)) + (((9 + 9)/9)^9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2142 &:= (1 + 1) \times ((11 - 1 - 1) \times (11^{1+1} - (1 + 1))) \\
&:= 2 + (((2 \times 22 + 2)^2 + 22) + 2) \\
&:= 3 \times ((3^{3+3} - (3 \times (3 + 3))) + 3) \\
&:= 4/4 + (4 - 4/4 + 4)^4 - 4^4 - 4 \\
&:= (5 - 5/5 + 5) \times (((5 - (5 + 5)/5)^5) - 5) \\
&:= 6 \times (66 \times 66/(6 + 6) - 6) \\
&:= 7 + (7 \times 7 \times (7 \times 7 - 7) + 77) \\
&:= (8/8 + 8 + 8) \times (8 \times (8 + 8) - ((8 + 8)/8)) \\
&:= (9 + 9) \times ((99/9 + 99) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2143 &:= 11 \times ((1 + 1 + 1 + 11)^{1+1} - 1) - 1 - 1 \\
&:= 2 + (2222 - (2/2 + 2)^{2+2}) \\
&:= 3 \times 3^{3+3} - (33/3 + 33) \\
&:= (4^4 - 4)/4 + (4 + 4) \times (4^4 + 4) \\
&:= 5 \times 555 - ((5^5 + 5 + 5)/5 + 5) \\
&:= 6 \times 6 \times (66 - 6) - (66/6 + 6) \\
&:= 7 + ((7 \times 7 \times (7 \times 7 - 7) + 77) + 7/7) \\
&:= 8 + (((8 \times (8 + 8) \times (8 + 8)) - 8/8) + 88) \\
&:= 9/9 + ((9 + 9) \times ((99/9 + 99) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2144 &:= 11 \times ((1 + 1 + 1 + 11)^{1+1} - 1) - 1 \\
&:= 2^{2+2} \times (22 \times (2 + 2 + 2) + 2) \\
&:= (33 - 3/3) \times (((3/3 + 3)^3) + 3) \\
&:= (4 + 4) \times ((4^4 + 4 + 4) + 4) \\
&:= 5 \times 555 - ((5^5 + 5)/5 + 5) \\
&:= (6 - 66)/6 + (6 \times 6 \times (66 - 6) - 6) \\
&:= 7 + (((7 + 7 + 7)/7)^7 - (7/7 + 7 \times 7)) \\
&:= 8 + ((8 \times (8 + 8) \times (8 + 8)) + 88) \\
&:= (9 + 9)/9 + ((9 + 9) \times ((99/9 + 99) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2145 &:= 11 \times ((1 + 1 + 1 + 11)^{1+1} - 1) \\
&:= 22/2 \times (((2^{2+2} - 2)^2) - 2/2) \\
&:= (3 \times (3^{3+3} - 3)) - 33 \\
&:= (((4 - 4/4) + 4)^4) - 4^4 \\
&:= 55 \times (55 - (55/5 + 5)) \\
&:= (66 - 6/6) \times (66 \times 6/(6 + 6)) \\
&:= 7 + (((7 + 7 + 7)/7)^7 - 7 \times 7) \\
&:= 8 + (((8 \times (8 + 8) \times (8 + 8)) + 88) + 8/8) \\
&:= 99 + (((9 + 9)/9)^{99/9}) - ((9 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2146 &:= 1 + 11 \times ((1 + 1 + 1 + 11)^{1+1} - 1) \\
&:= 2 + (2 \times 2 \times (22 + 2) + 2^{22/2}) \\
&:= 3/3 + ((3 \times (3^{3+3} - 3)) - 33) \\
&:= 4/4 + (((4 - 4/4) + 4^4) - 4^4) \\
&:= ((5 - 5^5)/5) + (5 \times 555 - 5) \\
&:= (6 \times 6 + 6/6) \times (((6 + 6)/6)^6 - 6) \\
&:= 7 \times (7 + 7) + (((7 + 7)/7)^{77/7}) \\
&:= 8 + (((8 \times (8 + 8) \times (8 + 8)) + ((8 + 8)/8)) + 88) \\
&:= 99 + (((9 + 9)/9)^{99/9}) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2147 &:= 111 + ((1 + 1)^{11} - (1 + 11)) \\
&:= 222 + ((2 \times 22)^2 - 22/2) \\
&:= 3 \times 33 + (3 - 3/3)^{33/3} \\
&:= 4 + (4 + 4) \times (4^4 + 4) + (4^4 - 4)/4 \\
&:= 5 \times 555 + (((5 - 5^5) + 5)/5) - 5 \\
&:= 6 \times 6 \times (66 - 6) - (6/6 + 6 + 6) \\
&:= 77 \times (7 + 7 + 7 + 7) - ((7 + 7)/7 + 7) \\
&:= 88 + ((8 \times (8 + 8) \times (8 + 8)) + (88/8)) \\
&:= 99 + (((9 + 9)/9)^{99/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2148 &:= 111 + ((1 + 1)^{11} - 11) \\
&:= 2 \times ((2 + 2 + 2)^{2+2} - 222) \\
&:= 3 + ((3 \times (3^{3+3} - 3)) - 33) \\
&:= 4 + ((4 + 4) \times ((4^4 + 4 + 4) + 4)) \\
&:= 5 \times 555 - (5^5 + 5 + 5)/5 \\
&:= 6 \times 6 \times (66 - 6) - 6 - 6 \\
&:= 77 \times (7 + 7 + 7 + 7) - (7/7 + 7) \\
&:= 8 + (((8 \times 8 \times 8 \times 8) + 8)/(8 + 8)/8) + 88) \\
&:= 9/9 + (((9 + 9)/9)^{99/9}) + 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2149 &:= 1 + (111 + ((1 + 1)^{11} - 11)) \\
&:= 22 + ((2 \times 22 + 2)^2 + 22/2) \\
&:= 3 \times 3^{3+3} - (33/3 + 3^3) \\
&:= 4 + (((4 - 4/4) + 4^4) - 4^4) \\
&:= 5 \times 555 - (5^5 + 5)/5 \\
&:= 6 \times 6 \times (66 - 6) - 66/6 \\
&:= 77 \times (7 + 7 + 7 + 7) - 7 \\
&:= (88 \times (8 + 8 + 8)) + 888/(8 + 8 + 8) \\
&:= 9 + ((99/9 + 9) \times ((99 - 9/9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2150 &:= 1 + (1 + (111 + ((1 + 1)^{11} - 11))) \\
&:= 222 + (2 \times (2 \times (22^2 - 2))) \\
&:= (3 \times 3 + 3/3) \times ((3 + 3)^3 - 3/3) \\
&:= 4 + (4 - 4/4 + 4)^4 - 4^4 + 4/4 \\
&:= 5 \times (555 - 5 \times 5 \times 5) \\
&:= (6 - 66)/6 + 6 \times 6 \times (66 - 6) \\
&:= 7/7 + (77 \times (7 + 7 + 7 + 7) - 7) \\
&:= (8/8 + 8 + 8 + 8) \times (88 - ((8 + 8)/8)) \\
&:= (9/9 + 9) \times (((9 + 9)/9) \times (99 + 9) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2151 &:= 1 + (1 + (1 + (111 + ((1 + 1)^{11} - 11)))) \\
&:= (2/2 + 2)^2 \times ((22^2 - 2)/2 - 2) \\
&:= 3 \times (3^{3+3} - (3 \times 3 + 3)) \\
&:= 4 \times (4^4 + 4) + 4444/4 \\
&:= ((5 - 5^5)/5) + 5 \times 555 \\
&:= ((6 \times 6/(6 + 6))^{6/6+6}) - 6 \times 6 \\
&:= (7 + 7)/7 + (77 \times (7 + 7 + 7 + 7) - 7) \\
&:= (8/8 + 8) \times (888/8 + 8 \times (8 + 8)) \\
&:= ((9 + 9) \times (999/9 + 9)) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2152 &:= 1 + (1 + (1 + (1 + (111 + ((1 + 1)^{11} - 11)))))) \\
&:= (2 + 2 + 2)^2 + (2 \times 22 + 2)^2 \\
&:= 3/3 + (3 \times (3^{3+3} - (3 \times 3 + 3))) \\
&:= 44 + (44 \times (44 + 4) - 4) \\
&:= 5 \times 555 + (((5 - 5^5) + 5)/5) \\
&:= 6 \times 6 \times (66 - 6) - ((6 + 6)/6 + 6) \\
&:= 7 + (((7 + 7 + 7)/7)^7 - 7 \times 7) + 7) \\
&:= 8 + (((8 \times (8 + 8) \times (8 + 8)) + 88) + 8) \\
&:= 9/9 + (((9 + 9) \times (999/9 + 9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2153 &:= 111 + ((1 + 1)^{11} - ((1 + 1) \times (1 + 1 + 1))) \\
&:= ((22/2 + 2)^{2/2+2}) - (2 \times 22) \\
&:= 3 \times 3^{3+3} - 3/3 - 33 \\
&:= 4 + (((4 - 4/4) + 4^4) - 4^4) + 4 \\
&:= 5 + (5 \times 555 - (5^5 + 5 + 5)/5) \\
&:= 6 \times 6 \times (66 - 6) - 6/6 - 6 \\
&:= 7 + (((7 + 7)/7)^{77/7}) + 7 \times (7 + 7) \\
&:= 8 + (((8 \times (8 + 8) \times (8 + 8)) + 88) + 8/8) + 8) \\
&:= (9 + 9)/9 + (((9 + 9) \times (999/9 + 9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2154 &:= (11 \times (1 + 1 + 1 + 11)^{1+1}) - 1 - 1 \\
&:= 222 + (2 \times (2 \times 22^2 - 2)) \\
&:= 3 \times 3^{3+3} - 33 \\
&:= 44 + (44 \times (44 + 4) - (4 + 4)/4) \\
&:= 5 + (5 \times 555 - (5^5 + 5)/5) \\
&:= 6 \times 6 \times (66 - 6) - 6 \\
&:= ((7 + 7)/7) \times (77 \times (7 + 7) - 7/7) \\
&:= 8 \times 8 + ((88/8 + 8) \times (888 - 8)/8) \\
&:= ((9 + 9 + 9)/9) \times (9 \times 9 \times 9 - (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2155 &:= (11 \times (1 + 1 + 1 + 11)^{1+1}) - 1 \\
&:= ((22 \times ((2^{2+2} - 2)^2)) - 2)/2 \\
&:= 3/3 + (3 \times 3^{3+3} - 33) \\
&:= 44 + (44 \times (44 + 4) - 4/4) \\
&:= 5 + 5 \times (555 - 5 \times 5 \times 5) \\
&:= 6/6 + (6 \times 6 \times (66 - 6) - 6) \\
&:= 77 \times (7 + 7 + 7 + 7) - 7/7 \\
&:= 8 + (((8 \times (8 + 8) \times (8 + 8)) + (88/8)) + 88) \\
&:= 9 + (((9 + 9)/9)^{99/9}) - 9/9 + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2156 &:= 11 \times (1 + 1 + 1 + 11)^{1+1} \\
&:= 22 \times (2 \times 2 \times (22 + 2) + 2) \\
&:= 3 + (3 \times 3^{3+3} - (3/3 + 33)) \\
&:= 44 + 44 \times (44 + 4) \\
&:= 55 + (5^5 - (5 - 5/5)^5) \\
&:= (6 + 6)/6 + (6 \times 6 \times (66 - 6) - 6) \\
&:= 77 \times ((7 + 7 + 7) + 7) \\
&:= (8 - 8/8) \times ((88 \times (8 \times 8 - 8))/(8 + 8)) \\
&:= 9 + (((9 + 9)/9)^{99/9}) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2157 &:= 111 + (1 + 1)^{11} - (1 + 1) \\
&:= 222 + ((2 \times 22)^2 - 2/2) \\
&:= 3 + (3 \times 3^{3+3} - 33) \\
&:= 44 + (44 \times (44 + 4) + 4/4) \\
&:= 5 + (((5 - 5^5) + 5)/5) + 5 \times 555) \\
&:= 6 \times 6 \times (66 - 6) - 6 \times 6/(6 + 6) \\
&:= 7/7 + 77 \times (7 + 7 + 7 + 7) \\
&:= ((8 + 8) \times (8 \times (8 + 8) + 8)) - (88/8 + 8) \\
&:= ((9 + 9 + 9)/9) \times (9 \times 9 \times 9 - (9/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2158 &:= 111 + (1 + 1)^{11} - 1 \\
&:= 222 + (2 \times 22)^2 \\
&:= 3 + ((3 \times 3^{3+3} - 33) + 3/3) \\
&:= 4^4 \times (4 + 4) + (444 - 4)/4 \\
&:= (5 + 5)/5 \times ((5 - 5/5)^5 + 55) \\
&:= 6 \times 6 \times (66 - 6) - (6 + 6)/6 \\
&:= (7 + 7)/7 + 77 \times (7 + 7 + 7 + 7) \\
&:= (888 - 8)/8 + (8 \times (8 + 8) \times (8 + 8)) \\
&:= ((9 + 9)/9) \times ((999 - 9/9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2159 &:= 111 + (1 + 1)^{11} \\
&:= 222/2 + 2^{22/2} \\
&:= 3 \times 3^{3+3} - (3^3 + 3/3) \\
&:= 444/4 + 4^4 \times (4 + 4) \\
&:= 5 + ((5 \times 555 - (5^5 + 5)/5) + 5) \\
&:= 6 \times 6 \times (66 - 6) - 6/6 \\
&:= 7 \times 7 + (((7 + 7 + 7)/7)^7 - 77) \\
&:= 888/8 + (8 \times (8 + 8) \times (8 + 8)) \\
&:= ((9 + 9) \times (999/9 + 9)) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2160 &:= 1 + (111 + (1 + 1)^{11}) \\
&:= 2 + ((2 \times 22)^2 + 222) \\
&:= 3 \times (3^{3+3} - 3 \times 3) \\
&:= ((4 + 4)^4) - 44 \times 44 \\
&:= (55 + 5) \times (55/5 + 5 \times 5) \\
&:= 6 \times 6 \times (66 - 6) \\
&:= (77/7 - 7) \times (7 \times 77 + 7/7) \\
&:= (8 + 8) \times ((8 \times (8 + 8) - 8/8) + 8) \\
&:= (9 + 9) \times (999/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2161 &:= 1 + (1 + (111 + (1 + 1)^{11})) \\
&:= 2 + (222/2 + 2^{22/2}) \\
&:= 3/3 + (3 \times (3^{3+3} - 3 \times 3)) \\
&:= 4 \times 4 + (((4 - 4/4) + 4^4) - 4^4) \\
&:= 5 + ((55 - (5 - 5/5)^5) + 5^5) \\
&:= 6/6 + 6 \times 6 \times (66 - 6) \\
&:= 7 + (((7 + 7)/7) \times (77 \times (7 + 7) - 7/7)) \\
&:= 8/8 + ((8 + 8) \times ((8 \times (8 + 8) - 8/8) + 8)) \\
&:= 9/9 + ((9 + 9) \times (999/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2162 &:= 1 + (1 + (1 + (111 + (1 + 1)^{11}))) \\
&:= 2 + (((2 \times 22)^2 + 222) + 2) \\
&:= 3 + (3 \times 3^{3+3} - (3^3 + 3/3)) \\
&:= 4 + ((444 - 4)/4 + 4^4 \times (4 + 4)) \\
&:= 5 \times 555 + (((55 - 5^5) + 5)/5) \\
&:= (6 + 6)/6 + 6 \times 6 \times (66 - 6) \\
&:= 7 + (77 \times (7 + 7 + 7 + 7) - 7/7) \\
&:= (8 + 8)/8 + ((8 + 8) \times ((8 \times (8 + 8) - 8/8) + 8)) \\
&:= (9 + 9)/9 + ((9 + 9) \times (999/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2163 &:= 1 + (1 + (1 + (1 + (111 + (1 + 1)^{11})))) \\
&:= 2 + ((222/2 + 2^{22/2}) + 2) \\
&:= 3 + (3 \times (3^{3+3} - 3 \times 3)) \\
&:= 4 + (444/4 + 4^4 \times (4 + 4)) \\
&:= 5 + ((5 + 5)/5 \times ((5 - 5/5)^5 + 55)) \\
&:= (6 \times 6/(6 + 6)) + 6 \times 6 \times (66 - 6) \\
&:= 7 + 77 \times (7 + 7 + 7 + 7) \\
&:= ((88/8 - 8)^{8-8/8}) - 8 - 8 - 8 \\
&:= ((9 + 9 + 9)/9) \times ((9 \times 9 \times 9 - 9) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2164 &:= 1 + (1 + (1 + (1 + (1 + (111 + (1 + 1)^{11})))))) \\
&:= (22 - 2)^2 + (2 \times 22 - 2)^2 \\
&:= (((3 \times 3 + 3/3) + 3)^3) - 33 \\
&:= 4 + (((4 + 4)^4) - 44 \times 44) \\
&:= 5^5 - (((5 \times 5 + 5/5) + 5)^{(5+5)/5}) \\
&:= 6 + (6 \times 6 \times (66 - 6) - ((6 + 6)/6)) \\
&:= 7 + (77 \times (7 + 7 + 7 + 7) + 7/7) \\
&:= ((8 + 8) \times (8 \times (8 + 8) + 8)) - (88 + 8)/8 \\
&:= 9999/9 + (9 \times (99 + 9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2165 &:= 111 + ((1 + 1)^{11} + ((1 + 1) \times (1 + 1 + 1))) \\
&:= 22^2 + ((2 \times (22 - 2) + 2/2)^2) \\
&:= 33/3 + (3 \times 3^{3+3} - 33) \\
&:= (4/4 + 4) \times (444 - 44/4) \\
&:= ((5 - 5/5) \times 555) - 55 \\
&:= 6 + (6 \times 6 \times (66 - 6) - 6/6) \\
&:= 7 + (77 \times (7 + 7 + 7 + 7) + ((7 + 7)/7)) \\
&:= ((8 + 8) \times (8 \times (8 + 8) + 8)) - 88/8 \\
&:= 9 + (((9 + 9)/9)^{99/9} + 99) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2166 &:= 11^{1+1} + ((1 + 1)^{11} - (1 + 1 + 1)) \\
&:= 222 + (2 \times (2 \times (22^2 + 2))) \\
&:= (3 \times (3^{3+3} - (3 + 3))) - 3 \\
&:= (4 - 44)/4 + (4 + 4) \times (4 \times 4 + 4^4) \\
&:= 5 + (((55 - (5 - 5/5)^5) + 5^5) + 5) \\
&:= 6 + 6 \times 6 \times (66 - 6) \\
&:= ((7 + 7 + 7)/7)^7 - (7 + 7 + 7) \\
&:= (8 - 88)/8 + ((8 + 8) \times (8 \times (8 + 8) + 8)) \\
&:= 9 \times 9 \times (9 + 9 + 9) - (((99 + 9)/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2167 &:= 11 \times (1 + (1 + 1 + 1 + 11)^{1+1}) \\
&:= (22/2)^2 + 2^{22/2} - 2 \\
&:= (3 \times (3^{3+3} - 3)) - 33/3 \\
&:= 4 + ((444/4 + 4^4 \times (4 + 4)) + 4) \\
&:= ((5 + 5)/5 \times 5555/5) - 55 \\
&:= 6 + (6 \times 6 \times (66 - 6) + 6/6) \\
&:= 77/7 + 77 \times (7 + 7 + 7 + 7) \\
&:= ((8 + 8) \times (8 \times (8 + 8) + 8)) - (8/8 + 8) \\
&:= 99/9 \times ((99 - 9/9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2168 &:= 11^{1+1} + ((1 + 1)^{11} - 1) \\
&:= 2 + ((2 \times (2 \times (22^2 + 2))) + 222) \\
&:= (3 \times (3^{3+3} - (3 + 3))) - 3/3 \\
&:= (4 + 4) \times ((44/4 + 4^4) + 4) \\
&:= 5 \times 5 \times 5 + (((5 + 5)/5)^{55/5} - 5) \\
&:= 6 + (6 \times 6 \times (66 - 6) + ((6 + 6)/6)) \\
&:= ((7 + 7)/7) \times ((77 \times (7 + 7) - 7/7) + 7) \\
&:= ((8 + 8) \times (8 \times (8 + 8) + 8)) - 8 \\
&:= 9 \times 9 \times (9 + 9 + 9) - (9/9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2169 &:= 11^{1+1} + (1 + 1)^{11} \\
&:= (22/2)^2 + 2^{22/2} \\
&:= 3 \times (3^{3+3} - (3 + 3)) \\
&:= 4 + ((4/4 + 4) \times (444 - 44/4)) \\
&:= 5 \times 555 - ((55 \times 55 + 5)/5) \\
&:= ((66 \times 66 - 6)/((6 + 6)/6)) - 6 \\
&:= 777/7 + 7 \times 7 \times (7 \times 7 - 7) \\
&:= 8/8 + (((8 + 8) \times (8 \times (8 + 8) + 8)) - 8) \\
&:= 9 \times 9 \times (9 + 9 + 9) - (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2170 &:= 1 + (11^{1+1} + (1 + 1)^{11}) \\
&:= 2 \times ((22/2 + 22)^2 - (2 + 2)) \\
&:= 3/3 + (3 \times (3^{3+3} - (3 + 3))) \\
&:= (4/4 + 4) \times ((4 - 44)/4 + 444) \\
&:= 5 + (((5 - 5/5) \times 555) - 55) \\
&:= ((66 - 6)/6) + 6 \times 6 \times (66 - 6) \\
&:= 7 + (77 \times (7 + 7 + 7 + 7) + 7) \\
&:= (8 + 8)/8 + (((8 + 8) \times (8 \times (8 + 8) + 8)) - 8) \\
&:= 9/9 + (9 \times 9 \times (9 + 9 + 9) - (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2171 &:= 1 + (1 + (11^{1+1} + (1 + 1)^{11})) \\
&:= 2 + ((22/2)^2 + 2^{22/2}) \\
&:= 3 + ((3 \times (3^{3+3} - (3 + 3))) - 3/3) \\
&:= (4 + 4) \times (4 \times 4 + 4^4) - (4/4 + 4) \\
&:= ((5 - 5^5)/5) + ((5 \times (555 + 5)) - 5) \\
&:= 66/6 + 6 \times 6 \times (66 - 6) \\
&:= 7 + ((77 \times (7 + 7 + 7 + 7) + 7/7) + 7) \\
&:= ((88/8 - 8)^{8-8/8}) - 8 - 8 \\
&:= (9 + 9)/9 + (9 \times 9 \times (9 + 9 + 9) - (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2172 &:= 1 + (1 + (1 + (11^{1+1} + (1 + 1)^{11}))) \\
&:= 2222 - ((2 \times (22 + 2)) + 2) \\
&:= 3 + (3 \times (3^{3+3} - (3 + 3))) \\
&:= (4 + 4) \times (4 \times 4 + 4^4) - 4 \\
&:= (5 + 5)/5 \times (5555/5 - 5 \times 5) \\
&:= 6 + (6 \times 6 \times (66 - 6) + 6) \\
&:= ((7 + 7 + 7)/7)^7 - (7/7 + 7 + 7) \\
&:= ((8 + 8) \times (8 \times (8 + 8) + 8)) - (8/((8 + 8)/8)) \\
&:= ((99 + 9)/9) \times ((9/9 + 99) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2173 &:= 1 + (1 + (1 + (1 + (11^{1+1} + (1 + 1)^{11})))) \\
&:= 2 + (((22/2)^2 + 2^{22/2}) + 2) \\
&:= 3 \times 3^{3+3} - (33/3 + 3) \\
&:= 4/4 + ((4 + 4) \times (4 \times 4 + 4^4) - 4) \\
&:= 5 \times 5 \times 5 + (((5 + 5)/5)^{55/5}) \\
&:= 6 + ((6 \times 6 \times (66 - 6) + 6/6) + 6) \\
&:= ((7 + 7 + 7)/7)^7 - (7 + 7) \\
&:= 8 + (((8 + 8) \times (8 \times (8 + 8) + 8)) - (88/8)) \\
&:= 9 + (9999/9 + (9 \times (99 + 9 + 9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2174 &:= (1 + 1) \times (1111 - ((1 + 1) \times (1 + 1))) \\
&:= 2 \times ((22/2 + 22)^2 - 2) \\
&:= (3 \times (3^{3+3} - 3)) - (3/3 + 3) \\
&:= (((4 + 4)^4) - 4) + 4^4 / ((4 + 4)/4) \\
&:= (5 \times (555 + 5)) - (5^5 + 5)/5 \\
&:= 6 + ((6 \times 6 \times (66 - 6) + ((6 + 6)/6)) + 6) \\
&:= 7/7 + (((7 + 7 + 7)/7)^7 - (7 + 7)) \\
&:= ((8 + 8) \times (8 \times (8 + 8) + 8)) - (8 + 8)/8 \\
&:= ((9 + 9)/9) \times (((99 \times 99) - (9 + 9))/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2175 &:= ((1 + 1 + 11)^{1+1+1}) - 11 - 11 \\
&:= ((22/2 + 2)^{2/2+2}) - 22 \\
&:= (3 \times (3^{3+3} - 3)) - 3 \\
&:= (4 + 4) \times (4 \times 4 + 4^4) - 4/4 \\
&:= 5 \times ((555 - 5 \times 5 \times 5) + 5) \\
&:= (66 \times 66 - 6)/((6 + 6)/6) \\
&:= ((7 + 7 + 7)/7)^7 - (77 + 7)/7 \\
&:= ((8 + 8) \times (8 \times (8 + 8) + 8)) - 8/8 \\
&:= 9 \times 9 \times (9 + 9 + 9) - (99 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2176 &:= (1+1) \times ((11 \times (1+1+1))^{1+1} - 1) \\
&:= 2222 - ((2 \times 22) + 2) \\
&:= 3 \times 3^{3+3} - 33/3 \\
&:= (4+4) \times (4 \times 4 + 4^4) \\
&:= (5-5/5) \times (555 - (55/5)) \\
&:= ((6+6)/6)^6 \times (6 \times 6 - ((6+6)/6)) \\
&:= ((7+7+7)/7)^7 - 77/7 \\
&:= (8+8) \times (8 \times (8+8) + 8) \\
&:= 9 \times 9 \times (9+9+9) - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2177 &:= ((1+1) \times (11 \times (1+1+1))^{1+1}) - 1 \\
&:= (((2^{2+2+2} + 2)^2) - 2)/2 \\
&:= (3 \times (3^{3+3} - 3)) - 3/3 \\
&:= 4/4 + (4+4) \times (4 \times 4 + 4^4) \\
&:= (((5-5^5) + 5)/5) + (5 \times (555 + 5)) \\
&:= 6 + (6 \times 6 \times (66 - 6) + (66/6)) \\
&:= 7 + ((77 \times (7+7+7+7) + 7) + 7) \\
&:= 8/8 + ((8+8) \times (8 \times (8+8) + 8)) \\
&:= 9 \times 9 \times (9+9+9) - 9/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2178 &:= (1+1) \times (11 \times (1+1+1))^{1+1} \\
&:= 2 \times (22/2 + 22)^2 \\
&:= 3 \times (3^{3+3} - 3) \\
&:= (4+4)/4 + (4+4) \times (4 \times 4 + 4^4) \\
&:= 5 + (((5+5)/5)^{55/5}) + 5 \times 5 \times 5 \\
&:= 6 \times 66 \times 66/(6+6) \\
&:= (77/7 + 7) \times (((7+7)/7)^7 - 7) \\
&:= (8+8)/8 + ((8+8) \times (8 \times (8+8) + 8)) \\
&:= 9 \times 9 \times (9+9+9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2179 &:= 1 + ((1+1) \times (11 \times (1+1+1))^{1+1}) \\
&:= (((2^{2+2+2} + 2)^2) + 2)/2 \\
&:= 3/3 + (3 \times (3^{3+3} - 3)) \\
&:= 4 + ((4+4) \times (4 \times 4 + 4^4) - 4/4) \\
&:= 5 + ((5 \times (555 + 5)) - (5^5 + 5)/5) \\
&:= 6/6 + (6 \times 66 \times 66/(6+6)) \\
&:= ((7+7+7)/7)^7 - (7/7 + 7) \\
&:= ((88/8 - 8)^{8-8/8}) - 8 \\
&:= 9/9 + (9 \times 9 \times (9+9+9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2180 &:= (1+1)^{11} + (11 \times (1+1+1)) \\
&:= 2 + (2 \times (22/2 + 22)^2) \\
&:= 3 + (3 \times (3^{3+3} - 3)) - 3/3 \\
&:= 4 + (4+4) \times (4 \times 4 + 4^4) \\
&:= (5-5/5) \times (555 - 5 - 5) \\
&:= 66 + (((6+6)/6)^{66/6}) + 66 \\
&:= ((7+7+7)/7)^7 - 7 \\
&:= 8/8 + (((88/8 - 8)^{8-8/8}) - 8) \\
&:= (9+9)/9 + (9 \times 9 \times (9+9+9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2181 &:= 1 + ((1+1)^{11} + (11 \times (1+1+1))) \\
&:= 2 + (((2^{2+2+2} + 2)^2) + 2)/2 \\
&:= 3 + (3 \times (3^{3+3} - 3)) \\
&:= 4 + ((4+4) \times (4 \times 4 + 4^4) + 4/4) \\
&:= 5 + ((5 \times (555 + 5)) + ((5-5^5)/5)) \\
&:= (66 \times 66 + 6)/((6+6)/6) \\
&:= 7/7 + (((7+7+7)/7)^7 - 7) \\
&:= (88/8 \times (888/8 + 88)) - 8 \\
&:= ((9+9+9)/9) + (9 \times 9 \times (9+9+9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2182 &:= 1 + (1 + ((1+1)^{11} + (11 \times (1+1+1)))) \\
&:= 2 \times ((22/2 + 22)^2 + 2) \\
&:= 3 + (3 \times (3^{3+3} - 3)) + 3/3 \\
&:= 4 + ((4+4) \times (4 \times 4 + 4^4) + (4+4)/4) \\
&:= ((5 - (5+5)/5)^{(5+5)/5+5}) - 5 \\
&:= 6 + (((6+6)/6)^6 \times (6 \times 6 - ((6+6)/6))) \\
&:= (7+7)/7 + (((7+7+7)/7)^7 - 7) \\
&:= 8 + (((8+8) \times (8 \times (8+8) + 8)) - ((8+8)/8)) \\
&:= ((9+9)/9) \times (((99 \times 99) + 9) + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2183 &:= 1 + (1 + (1 + ((1+1)^{11} + (11 \times (1+1+1))))) \\
&:= ((2 \times (22 + 2))^2) - (22/2)^2 \\
&:= 3 \times 3^{3+3} - (3/3 + 3) \\
&:= ((4-4/4)^{4+4-4/4}) - 4 \\
&:= (((5+5)/5)^5 + 5) \times (55 - 5/5 + 5) \\
&:= (6 \times 6 + 6/6) \times (66 - (6/6 + 6)) \\
&:= 7 + (((7+7+7)/7)^7 - (77/7)) \\
&:= 8 + (((8+8) \times (8 \times (8+8) + 8)) - 8/8) \\
&:= ((9-9 \times 9)/(9+9)) + 9 \times 9 \times (9+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2184 &:= (1+1+1) \times ((11-1-1)^{1+1+1} - 1) \\
&:= 2 + (2222 + (2 \times (2-22))) \\
&:= 3 \times 3^{3+3} - 3 \\
&:= 4 + ((4+4) \times (4 \times 4 + 4^4) + 4) \\
&:= ((5+5)/5 + 5) \times (5^5 - 5)/(5+5) \\
&:= 6 + (6 \times 66 \times 66/(6+6)) \\
&:= 77 + 7 \times (7 \times (7 \times 7 - 7) + 7) \\
&:= 8 + ((8+8) \times (8 \times (8+8) + 8)) \\
&:= ((9+9+9)/9) \times (9 \times 9 \times 9 - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2185 &:= ((1+1+11)^{1+1+1}) - 1 - 11 \\
&:= ((2/2 + 2)^{2/2+2+2+2}) - 2 \\
&:= 3/3 + (3 \times 3^{3+3} - 3) \\
&:= 4 + (((4+4) \times (4 \times 4 + 4^4) + 4/4) + 4) \\
&:= 5 + ((5-5/5) \times (555 - 5 - 5)) \\
&:= 6 \times (6 \times (66 - 6) + 6) - 66/6 \\
&:= ((7+7+7)/7)^7 - (7+7)/7 \\
&:= 8 + (((8+8) \times (8 \times (8+8) + 8)) + 8/8) \\
&:= 9 \times 9 \times (9+9+9) - (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2186 &:= ((1+1+11)^{1+1+1}) - 11 \\
&:= 2222 - (2+2+2)^2 \\
&:= 3 \times 3^{3+3} - 3/3 \\
&:= ((4-4/4)^{4+4-4/4}) - 4/4 \\
&:= (5^5 + 5)/5 + (5 \times (5^5 - 5)/(5+5)) \\
&:= ((6 \times 6/(6+6))^{6/6+6}) - 6/6 \\
&:= ((7+7+7)/7)^7 - 7/7 \\
&:= ((88/8 - 8)^{8-8/8}) - 8/8 \\
&:= 9 \times 9 \times (9+9+9) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2187 &:= (1+1+1)^{1+(1+1) \times (1+1+1)} \\
&:= (2/2 + 2)^{2/2+2+2+2} \\
&:= 3 \times 3^{3+3} \\
&:= (4-4/4)^{4+4-4/4} \\
&:= (5 - (5+5)/5)^{(5+5)/5+5} \\
&:= (6 \times 6/(6+6))^{6+6/6} \\
&:= ((7+7+7)/7)^7 \\
&:= (88/8 - 8)^{8-8/8} \\
&:= 9 \times 9 \times (9+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2188 &:= 1 + ((1+1+1)^{1+(1+1) \times (1+1+1)}) \\
&:= 2 + (2222 - (2+2+2)^2) \\
&:= 3/3 + 3 \times 3^{3+3} \\
&:= 4^4 + (44 \times 44 - 4) \\
&:= 5^5 + (((5-5^5)/(5+5)) - 5^5/5) \\
&:= 6/6 + ((6 \times 6/(6+6))^{6/6+6}) \\
&:= 7/7 + ((7+7+7)/7)^7 \\
&:= 8/8 + ((88/8 - 8)^{8-8/8}) \\
&:= 9/9 + 9 \times 9 \times (9+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2189 &:= 11 \times (((1+1) \times (11-1)^{1+1}) - 1) \\
&:= 2 + ((2/2 + 2)^{2/2+2+2+2}) \\
&:= 3 + (3 \times 3^{3+3} - 3/3) \\
&:= 44 + (((4-4/4) + 4)^4) - 4^4 \\
&:= 5 + (((5+5)/5 + 5) \times (5^5 - 5)/(5+5)) \\
&:= 6 \times 6 \times (66 - 6 + 6) - 6/6 - 6 \\
&:= (7+7)/7 + ((7+7+7)/7)^7 \\
&:= 88/8 \times (888/8 + 88) \\
&:= (9+9)/9 + 9 \times 9 \times (9+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2190 &:= (11-1) \times (((1+1) \times (111-1)) - 1) \\
&:= 2222 - (2 \times 2^{2+2}) \\
&:= 3 + 3 \times 3^{3+3} \\
&:= 4^4 + (44 \times 44 - (4+4)/4) \\
&:= 5 \times ((5^5 + 5)/(5+5) + 5 \times 5 \times 5) \\
&:= 6 \times (6 \times (66 - 6) + 6) - 6 \\
&:= (7+7+7)/7 + ((7+7+7)/7)^7 \\
&:= ((8+8)/8) \times (8888/8 - (8+8)) \\
&:= ((9+9+9)/9) + 9 \times 9 \times (9+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2191 &:= (1+1)^{11} + (11 \times (1+1+11)) \\
&:= 2 + (((2/2+2)^{2/2+2+2+2}) + 2) \\
&:= 3 + (3 \times 3^{3+3} + 3/3) \\
&:= 4 + ((4-4/4)^{4+4-4/4}) \\
&:= ((5+5)/5+5) \times (5^5+5)/(5+5) \\
&:= 6 \times (6 \times (66-6) + 6) - 6 + 6/6 \\
&:= 7 + (7 \times (7 \times (7 \times 7 - 7) + 7) + 77) \\
&:= 8 + (((8+8) \times (8 \times (8+8) + 8)) - 8/8) + 8) \\
&:= 9 \times 9 + (9999/9 + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2192 &:= (1+1)^{11} + (1+11)^{1+1} \\
&:= (2 \times 22)^2 + 2^{2 \times (2+2)} \\
&:= 3 + ((3 \times 3^{3+3} - 3/3) + 3) \\
&:= 4^4 + 44 \times 44 \\
&:= 5 + ((5 - (5+5)/5)^{(5+5)/5+5}) \\
&:= 6 + (((6 \times 6/(6+6))^{6/6+6}) - 6/6) \\
&:= 7 + (((7+7+7)/7)^7 - ((7+7)/7)) \\
&:= 8 + (((8+8) \times (8 \times (8+8) + 8)) + 8) \\
&:= 9 \times 9 \times (9+9+9) + ((9 \times 9+9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2193 &:= 1 + ((1+1)^{11} + (1+11)^{1+1}) \\
&:= ((2 \times (22+2))^2) - 222/2 \\
&:= 3 + (3 \times 3^{3+3} + 3) \\
&:= 4/4 + (44 \times 44 + 4^4) \\
&:= 5 + (((5-5^5)/(5+5)) - 5^5/5) + 5^5) \\
&:= 6 + ((6 \times 6/(6+6))^{6/6+6}) \\
&:= 7 + (((7+7+7)/7)^7 - 7/7) \\
&:= (8/8 + 8 + 8) \times (8 \times (8+8) + 8/8) \\
&:= 9 + (((9+9+9)/9) \times (9 \times 9 \times 9 - 9/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2194 &:= ((1+1+11)^{1+1+1}) - 1 - 1 - 1 \\
&:= 2 + ((2 \times 22)^2 + 2^{2 \times (2+2)}) \\
&:= (((3 \times 3 + 3/3) + 3)^3) - 3 \\
&:= 4^4 + (44 \times 44 + (4+4)/4) \\
&:= (5 \times (5+5) \times 55) - (555 + 5/5) \\
&:= 6 \times (6 \times (66-6) + 6) - (6+6)/6 \\
&:= 7 + ((7+7+7)/7)^7 \\
&:= 8 + (((88/8-8)^{8-8/8}) - 8/8) \\
&:= 9 + (9 \times 9 \times (9+9+9) - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2195 &:= ((1+1+11)^{1+1+1}) - 1 - 1 \\
&:= ((22/2+2)^{2/2+2}) - 2 \\
&:= (3 \times (3^{3+3} + 3)) - 3/3 \\
&:= 4 + (((4-4/4)^{4+4-4/4}) + 4) \\
&:= (5 \times (5+5) \times 55) - 555 \\
&:= 6 \times (6 \times (66-6) + 6) - 6/6 \\
&:= 7 + (((7+7+7)/7)^7 + 7/7) \\
&:= 8 + ((88/8-8)^{8-8/8}) \\
&:= 9 + (9 \times 9 \times (9+9+9) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2196 &:= ((1+1+11)^{1+1+1}) - 1 \\
&:= 2222 - 22 - 2 - 2 \\
&:= 3 \times (3^{3+3} + 3) \\
&:= 4 + (44 \times 44 + 4^4) \\
&:= (5-5/5) \times (555 - (5/5+5)) \\
&:= 6 \times (6 \times (66-6) + 6) \\
&:= 7 + (((7+7+7)/7)^7 + ((7+7)/7)) \\
&:= 8 + (((88/8-8)^{8-8/8}) + 8/8) \\
&:= 9 + 9 \times 9 \times (9+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2197 &:= (1+1+11)^{1+1+1} \\
&:= (22/2+2)^{2/2+2} \\
&:= ((3 \times 3 + 3/3) + 3)^3 \\
&:= ((4/4+4+4) + 4)^{4-4/4} \\
&:= ((55+5+5)/5)^{5-(5+5)/5} \\
&:= 6 \times (6 \times (66-6) + 6) + 6/6 \\
&:= (7-7/7+7)^{(7+7+7)/7} \\
&:= ((88+8+8)/8)^{88/8-8} \\
&:= 9 + (9 \times 9 \times (9+9+9) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2198 &:= 1 + ((1+1+11)^{1+1+1}) \\
&:= 2222 - (22+2) \\
&:= 33/3 + 3 \times 3^{3+3} \\
&:= 4 + ((44 \times 44 + (4+4)/4) + 4^4) \\
&:= (5+5)/5 \times (55 \times (5 \times 5 - 5) - 5/5) \\
&:= 6 \times (6 \times (66-6) + 6) + (6+6)/6 \\
&:= 77/7 + ((7+7+7)/7)^7 \\
&:= 88 + ((88 \times (8+8+8)) - ((8+8)/8)) \\
&:= 99/9 + 9 \times 9 \times (9+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2199 &:= 1 + (1 + ((1+1+11)^{1+1+1})) \\
&:= 2 + ((22/2+2)^{2/2+2}) \\
&:= 3 + (3 \times (3^{3+3} + 3)) \\
&:= ((4/4+4) \times (444-4)) - 4/4 \\
&:= ((5+5) \times (55 \times (5-5/5))) - 5/5 \\
&:= 6 + (((6 \times 6/(6+6))^{6/6+6}) + 6) \\
&:= (77+7)/7 + ((7+7+7)/7)^7 \\
&:= 88 + ((88 \times (8+8+8)) - 8/8) \\
&:= ((99+9)/9) + 9 \times 9 \times (9+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2200 &:= (1+1) \times (1111-11) \\
&:= 2222 - 22 \\
&:= 3 + (((3 \times 3 + 3/3) + 3)^3) \\
&:= (4/4+4) \times (444-4) \\
&:= (5+5) \times (55 \times (5-5/5)) \\
&:= 6 + 6 \times (6 \times (66-6) + 6) - (6+6)/6 \\
&:= 7 + (((7+7+7)/7)^7 - 7/7) + 7) \\
&:= 88 + (88 \times (8+8+8)) \\
&:= (99/9+9) \times (99/9+99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2201 &:= 1 + ((1+1) \times (1111-11)) \\
&:= 2/2 + (2222-22) \\
&:= 3 + (3 \times 3^{3+3} + 33/3) \\
&:= 4 + (((4/4+4+4) + 4)^{4-4/4}) \\
&:= 5/5 + ((5+5) \times (55 \times (5-5/5))) \\
&:= 6 + 6 \times (6 \times (66-6) + 6) - 6/6 \\
&:= 7 + (((7+7+7)/7)^7 + 7) \\
&:= 8/8 + ((88 \times (8+8+8)) + 88) \\
&:= 9 \times (9+9) + (((9+9)/9)^{99/9}) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2202 &:= (1+1) \times (1 + (1111-11)) \\
&:= 2 + (2222-22) \\
&:= 3 + ((3 \times (3^{3+3} + 3)) + 3) \\
&:= 4^4 + (44 \times 44 + (44-4)/4) \\
&:= 5 + ((55+5+5)/5)^{5-(5+5)/5} \\
&:= 6 + 6 \times (6 \times (66-6) + 6) \\
&:= 7 + (((7+7+7)/7)^7 + 7/7) + 7) \\
&:= 88 + ((88 \times (8+8+8)) + ((8+8)/8)) \\
&:= ((9+9)/9) \times (((9999-9)/9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2203 &:= 1 + ((1+1) \times (1 + (1111-11))) \\
&:= 2 + ((2222-22) + 2/2) \\
&:= 3 + (((3 \times 3 + 3/3) + 3)^3) + 3) \\
&:= 4 \times 4 + ((4-4/4)^{4+4-4/4}) \\
&:= 5 + (((5+5)/5)^{55/5}) + 5 \times (5 \times 5 + 5)) \\
&:= 6 + 6 \times (6 \times (66-6) + 6) + 6/6 \\
&:= 7 + (((7+7+7)/7)^7 + ((7+7)/7)) + 7) \\
&:= 8 + (((88/8-8)^{8-8/8}) + 8) \\
&:= 9 + (9 \times 9 \times (9+9+9) - ((9+9)/9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2204 &:= (1+1) \times (1 + (1 + (1111-11))) \\
&:= 2 + ((2222-22) + 2) \\
&:= (3 \times ((3^{3+3} + 3) + 3)) - 3/3 \\
&:= 4 + ((4/4+4) \times (444-4)) \\
&:= (5-5/5) \times ((5+5) \times 55 + 5/5) \\
&:= 6 + (6 \times 6 \times (66-6+6) + ((6+6)/6)) \\
&:= 7 + ((7-7/7+7)^{(7+7+7)/7}) \\
&:= ((8+8)/8) \times ((8888-8)/8-8) \\
&:= 9 + (9 \times 9 \times (9+9+9) - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2205 &:= 1 + ((1+1) \times (1 + (1 + (1111-11)))) \\
&:= (2/2+2+2) \times ((22-2/2)^2) \\
&:= 3 \times ((3^{3+3} + 3) + 3) \\
&:= (4/4+4) \times ((444-4) + 4/4) \\
&:= 5 + ((5+5) \times (55 \times (5-5/5))) \\
&:= 6 + (((6 \times 6/(6+6))^{6/6+6}) + 6) + 6) \\
&:= 7 \times (7 \times (7 \times 7 + 7) - 77) \\
&:= 8 + ((88+8+8)/8)^{88/8-8} \\
&:= 9 + (9 \times 9 \times (9+9+9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2206 &:= 11 + (((1 + 1 + 11)^{1+1+1}) - (1 + 1)) \\
&:= 2222 - 2^{2+2} \\
&:= 3 \times 3 + (((3 \times 3 + 3/3) + 3)^3) \\
&:= 4 \times 4444 / (4 + 4) - 4 \times 4 \\
&:= 5 + (((5 + 5) \times (55 \times (5 - 5/5))) + 5/5) \\
&:= 6 \times (6 \times (66 - 6) + 6) + (66 - 6) / 6 \\
&:= 7 / 7 + (7 \times (7 \times (7 \times 7 + 7) - 77)) \\
&:= ((8 + 8) / 8) \times (8888 / 8 - 8) \\
&:= 9 + (9 \times 9 \times (9 + 9 + 9) + 9/9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2207 &:= 11 + (((1 + 1 + 11)^{1+1+1}) - 1) \\
&:= (((2 \times 22 + 2/2) + 2)^2) - 2 \\
&:= 33/3 + (3 \times (3^{3+3} + 3)) \\
&:= ((4 + 4) \times ((4 \times 4 + 4^4) + 4)) - 4/4 \\
&:= ((5 + 5) / 5 \times (5555 / 5 - 5)) - 5 \\
&:= 6 \times (6 \times (66 - 6) + 6) + 66/6 \\
&:= 7 + (((((7 + 7 + 7) / 7)^7 - 7/7) + 7) + 7) \\
&:= 8 + (((88 \times (8 + 8 + 8)) - 8/8) + 88) \\
&:= 9 + (9 \times 9 \times (9 + 9 + 9) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2208 &:= 11 + ((1 + 1 + 11)^{1+1+1}) \\
&:= 2 + (2222 - 2^{2+2}) \\
&:= 3 + (3 \times ((3^{3+3} + 3) + 3)) \\
&:= (4 + 4) \times ((4 \times 4 + 4^4) + 4) \\
&:= (5 - 5/5) \times (((5 + 5) / 5 - 5) + 555) \\
&:= 6 \times (6 \times (66 - 6) + 6) + 6 + 6 \\
&:= 7 + ((7 + 7 + 7) / 7)^7 + 7 + 7 \\
&:= 8 + ((88 \times (8 + 8 + 8)) + 88) \\
&:= 9 + (9 \times 9 \times (9 + 9 + 9) + ((99 + 9) / 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2209 &:= ((1 + 1) \times (1111 - 1)) - 11 \\
&:= ((2 \times 22 + 2/2) + 2)^2 \\
&:= 3 + ((3 \times ((3^{3+3} + 3) + 3)) + 3/3) \\
&:= (44 - 4/4 + 4)^{(4+4)/4} \\
&:= ((5 - 5/5) \times 555) - 55/5 \\
&:= (66/6 + 6 \times 6)^{(6+6)/6} \\
&:= (7 \times 7 - (7 + 7) / 7)^{(7+7)/7} \\
&:= (8 \times 8 - (8/8 + 8 + 8))^{(8+8)/8} \\
&:= 9 + ((99/9 + 9) \times (99/9 + 99))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2210 &:= (11 - 1) \times ((1 + 1) \times 111 - 1) \\
&:= 2222 - (2 \times (2 + 2 + 2)) \\
&:= 3 + ((3 \times (3^{3+3} + 3)) + 33/3) \\
&:= (4/4 + 4) \times (444 - (4 + 4) / 4) \\
&:= ((5 - 5/5) \times 555) - 5 - 5 \\
&:= ((6 + 6) / 6) \times ((6666 / 6) - 6) \\
&:= 7 / 7 + (7 \times 7 - (7 + 7) / 7)^{(7+7)/7} \\
&:= (8/8 + 8 + 8) \times (8 \times (8 + 8) + ((8 + 8) / 8)) \\
&:= 9 \times (9 + 9) + (((9 + 9) / 9)^{99/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2211 &:= ((1 + 1) \times 1111) - 11 \\
&:= 2222 - 22/2 \\
&:= 3^3 + (3 \times 3^{3+3} - 3) \\
&:= ((4/4 + 4) \times (444 - 4/4)) - 4 \\
&:= ((5 - 5/5) \times (555 - 5/5)) - 5 \\
&:= (66 + 6/6) \times (66 \times 6 / (6 + 6)) \\
&:= 7 + (((7 - 7/7 + 7)^{(7+7+7)/7}) + 7) \\
&:= 8 + (((88/8 - 8)^{8-8/8}) + 8) + 8 \\
&:= ((99/9 + 9) \times 999/9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2212 &:= 1 + (((1 + 1) \times 1111) - 11) \\
&:= ((2 - 22) / 2) + 2222 \\
&:= 3^3 + ((3 \times 3^{3+3} - 3) + 3/3) \\
&:= 4 + ((4 + 4) \times ((4 \times 4 + 4^4) + 4)) \\
&:= (5 + 5) / 5 \times (5555 / 5 - 5) \\
&:= ((6 + 6) / 6) \times ((6666 + 6) / 6 - 6) \\
&:= 7 + (7 \times (7 \times (7 \times 7 + 7) - 77)) \\
&:= (((8 + 8) / 8) \times (8888 - 8) / 8) - 8 \\
&:= ((9/9 + 9 + 9) + 9) \times (9 \times 9 - ((9 + 9) / 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2213 &:= ((1 + 1) \times (1 + 1111)) - 11 \\
&:= 2 + (2222 - 22/2) \\
&:= 3^3 + (3 \times 3^{3+3} - 3/3) \\
&:= 4 + ((44 - 4/4 + 4)^{(4+4)/4}) \\
&:= ((5 - 5/5) \times 555) - ((5 + 5) / 5 + 5) \\
&:= 6 + (6 \times 6 \times (66 - 6 + 6) + (66/6)) \\
&:= 7 + ((7 \times (7 \times (7 \times 7 + 7) - 77)) + 7/7) \\
&:= ((88 + 8 + 8) / 8)^{88/8-8} + 8 + 8 \\
&:= (9 + 9 + 9) \times (9/9 + 9 \times 9) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2214 &:= 1 + (((1 + 1) \times (1 + 1111)) - 11) \\
&:= 2222 - 2 \times (2 + 2) \\
&:= 3 \times (3^{3+3} + 3 \times 3) \\
&:= (4 + 4) / 4 \times (4444 / 4 - 4) \\
&:= ((5 - 5/5) \times 555) - (5/5 + 5) \\
&:= 6 \times (66 \times 66 / (6 + 6) + 6) \\
&:= 7 + (((((7 + 7 + 7) / 7)^7 - 7/7) + 7) + 7) + 7 \\
&:= (((8 + 8) / 8) \times 8888 / 8) - 8 \\
&:= (9 + 9 + 9) \times (9/9 + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2215 &:= ((1 + 1) \times (1 + (1 + 1111))) - 11 \\
&:= 2 + ((2222 - 22/2) + 2) \\
&:= 3^3 + (3 \times 3^{3+3} + 3/3) \\
&:= (4/4 + 4) \times (444 - 4/4) \\
&:= ((5 - 5/5) \times 555) - 5 \\
&:= 6 + ((66/6 + 6 \times 6)^{(6+6)/6}) \\
&:= 7 + (((((7 + 7 + 7) / 7)^7 + 7) + 7) + 7) \\
&:= 888/8 + ((88 \times (8 + 8 + 8)) - 8) \\
&:= 9/9 + (9 + 9 + 9) \times (9/9 + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2216 &:= (1 + 1) \times (1111 - (1 + 1 + 1)) \\
&:= 2222 - (2 + 2 + 2) \\
&:= 3 + ((3 \times 3^{3+3} - 3/3) + 3^3) \\
&:= (4/4 + 4) \times 444 - 4 \\
&:= (5 - 5/5) \times (555 - 5/5) \\
&:= (((6 + 6) / 6) \times (6666 / 6)) - 6 \\
&:= 7 + ((7 \times 7 - (7 + 7) / 7)^{(7+7)/7}) \\
&:= ((88 + 8) \times (8 + 8 + 8)) - 88 \\
&:= 9 + (9 \times 9 \times (9 + 9 + 9) + (99/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2217 &:= ((1 + 1) \times (1111 - (1 + 1))) - 1 \\
&:= 2222 - (2/2 + 2 + 2) \\
&:= 3 + (3 \times 3^{3+3} + 3^3) \\
&:= 4/4 + ((4/4 + 4) \times 444 - 4) \\
&:= ((5 + 5) / 5 \times 5555 / 5) - 5 \\
&:= 6 + ((66 + 6/6) \times (66 \times 6 / (6 + 6))) \\
&:= 7 \times (7 \times 7 \times 7 - 7) - (((7 + 7) / 7)^7 + 7) \\
&:= 8 + ((8 \times 8 - (8/8 + 8 + 8))^{(8+8)/8}) \\
&:= 999/9 + (9 \times (9 \times (9 + 9 + 9) - 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2218 &:= (1 + 1) \times (1111 - (1 + 1)) \\
&:= 2222 - 2 - 2 \\
&:= 3 + ((3 \times 3^{3+3} + 3^3) + 3/3) \\
&:= 4 \times 4444 / (4 + 4) - 4 \\
&:= ((5 - 5/5) \times 555) - (5 + 5) / 5 \\
&:= ((6 + 6) / 6) \times ((6666 - (6 + 6)) / 6) \\
&:= (7 + 7) / 7 \times (7777 - 7 - 7) / 7 \\
&:= ((8 + 8) / 8) \times ((8888 - (8 + 8)) / 8) \\
&:= ((9 + 9) / 9) \times ((9999 - (9 + 9)) / 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2219 &:= ((1 + 1) \times (1111 - 1)) - 1 \\
&:= 2222 - 2/2 - 2 \\
&:= 33 + (3 \times 3^{3+3} - 3/3) \\
&:= (4/4 + 4) \times 444 - 4/4 \\
&:= ((5 - 5/5) \times 555) - 5/5 \\
&:= ((66 - 6) \times (6 \times 6 + 6/6)) - 6/6 \\
&:= 7 + (((7 \times (7 \times (7 \times 7 + 7) - 77)) + 7) \\
&:= 888 + ((88/8)^{88/8-8}) \\
&:= 9 + (((9 + 9) / 9)^{99/9}) + 9 \times (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2220 &:= (1 + 1) \times (1111 - 1) \\
&:= 2222 - 2 \\
&:= 33 + 3 \times 3^{3+3} \\
&:= (4/4 + 4) \times 444 \\
&:= (5 - 5/5) \times 555 \\
&:= (66 - 6) \times (6 \times 6 + 6/6) \\
&:= ((7 + 7) / 7) \times (7777 - 7) / 7 \\
&:= ((8 + 8) / 8) \times (8888 - 8) / 8 \\
&:= (99/9 + 9) \times 999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2221 &:= ((1+1) \times 1111) - 1 \\
&:= 2222 - 2/2 \\
&:= 3/3 + (3 \times 3^{3+3} + 33) \\
&:= 4/4 + (4/4 + 4) \times 444 \\
&:= 5/5 + ((5 - 5/5) \times 555) \\
&:= 6/6 + ((66 - 6) \times (6 \times 6 + 6/6)) \\
&:= (((7+7)/7) \times 7777/7) - 7/7 \\
&:= (((8+8)/8) \times 8888/8) - 8/8 \\
&:= 9/9 + ((99/9 + 9) \times 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2222 &:= (1+1) \times 1111 \\
&:= 2222 \\
&:= (3 - 3/3) \times 3333/3 \\
&:= 4 \times 4444/(4+4) \\
&:= (5+5)/5 \times 5555/5 \\
&:= ((6+6)/6) \times (6666/6) \\
&:= ((7+7)/7) \times 7777/7 \\
&:= ((8+8)/8) \times 8888/8 \\
&:= ((9+9)/9) \times 9999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2223 &:= 1 + ((1+1) \times 1111) \\
&:= 2/2 + 2222 \\
&:= 3 + (3 \times 3^{3+3} + 33) \\
&:= 4 + ((4/4 + 4) \times 444 - 4/4) \\
&:= 5 + (((5 - 5/5) \times 555) - ((5+5)/5)) \\
&:= 6 \times 6 + ((6 \times 6)/(6+6))^{6/6+6} \\
&:= 7 + (((7 \times 7 - (7+7)/7)^{(7+7)/7}) + 7) \\
&:= 888/8 + (88 \times (8+8+8)) \\
&:= 9 + (9+9+9) \times (9/9+9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2224 &:= (1+1) \times (1+1111) \\
&:= 2 + 2222 \\
&:= 3^3 + (((3 \times 3 + 3/3) + 3)^3) \\
&:= 4 + (4/4 + 4) \times 444 \\
&:= (5 - 5/5) \times (555 + 5/5) \\
&:= ((6+6)/6) \times (6666 + 6/6) \\
&:= ((7+7)/7) \times (7777 + 7/7) \\
&:= (8+8) \times (8 \times (8+8) + (88/8)) \\
&:= ((9+9)/9) \times (9999 + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2225 &:= 1 + ((1+1) \times (1+1111)) \\
&:= 2 + (2222 + 2/2) \\
&:= 3 + ((33 \times 3^3) + (33/3)^3) \\
&:= (4/4 + 4) \times (444 + 4/4) \\
&:= 5 + ((5 - 5/5) \times 555) \\
&:= 66 + (6 \times 6 \times (66 - 6) - 6/6) \\
&:= 7 \times 7 + (((7+7+7)/7)^7 - (77/7)) \\
&:= (8/8 + 88) \times (8/8 + 8 + 8 + 8) \\
&:= 99/9 + (9+9+9) \times (9/9+9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2226 &:= (1+1) \times (1 + (1+1111)) \\
&:= 2 + (2222 + 2) \\
&:= 3 + ((3 \times 3^{3+3} + 33) + 3) \\
&:= 4 + 4 \times 4444/(4+4) \\
&:= 5 + (((5 - 5/5) \times 555) + 5/5) \\
&:= 66 + 6 \times 6 \times (66 - 6) \\
&:= 7 \times (7 \times 7 \times 7 - 7 - 7) - 77 \\
&:= ((8+8)/8) \times (((8888 + 8) + 8)/8) \\
&:= ((9+9)/9) \times (((9999 + 9) + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2227 &:= 1 + ((1+1) \times (1 + (1+1111))) \\
&:= 2 + ((2222 + 2/2) + 2) \\
&:= 3 + (((3 \times 3 + 3/3) + 3)^3) + 3^3 \\
&:= 4 + (((4/4 + 4) \times 444 - 4/4) + 4) \\
&:= 5 + ((5+5)/5 \times 5555/5) \\
&:= 66 + (6 \times 6 \times (66 - 6) + 6/6) \\
&:= ((7 \times 7 - 7/7)^{(7+7)/7}) - 77 \\
&:= 8 + (((88/8)^{88/8-8}) + 888) \\
&:= 9 + (((9+9)/9) \times ((9999 - (9+9))/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2228 &:= (1+1) \times (1 + (1 + (1+1111))) \\
&:= 2 + ((2222 + 2) + 2) \\
&:= 33 + ((3 \times (3^{3+3} + 3)) - 3/3) \\
&:= 4 + ((4/4 + 4) \times 444 + 4) \\
&:= (5 - 5/5) \times (555 + (5+5)/5) \\
&:= 6 + (((6+6)/6) \times (6666/6)) \\
&:= 7 \times 7 + (((7+7+7)/7)^7 - (7/7+7)) \\
&:= 8 + (((8+8)/8) \times (8888 - 8)/8) \\
&:= 99 + (((9+9)/9)^{99/9} + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2229 &:= 1 + ((1+1) \times (1 + (1 + (1+1111)))) \\
&:= 2 + (((2222 + 2/2) + 2) + 2) \\
&:= 33 + (3 \times (3^{3+3} + 3)) \\
&:= 4 + ((4/4 + 4) \times (444 + 4/4)) \\
&:= 5 + ((5 - 5/5) \times (555 + 5/5)) \\
&:= 6 \times (6 \times 66 - 6) - 666/6 \\
&:= 7 \times 7 + (((7+7+7)/7)^7 - 7) \\
&:= (8 \times (8 \times (8+8+8) + 88)) - 88/8 \\
&:= 9 + ((99/9 + 9) \times 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2230 &:= (11 - 1) \times (1 + (1+1) \times 111) \\
&:= 2 \times (2 + 2) + 2222 \\
&:= 33 + (((3 \times 3 + 3/3) + 3)^3) \\
&:= 4 + (4 \times 4444/(4+4) + 4) \\
&:= 5 + (((5 - 5/5) \times 555) + 5) \\
&:= 6 + (6 \times 6 \times (66 - 6) + ((6+6)/6)^6) \\
&:= 7/7 + (((7+7+7)/7)^7 - 7) + 7 \times 7 \\
&:= 8 + (((8+8)/8) \times 8888/8) \\
&:= 9 + (((99/9 + 9) \times 999/9) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2231 &:= 11 + ((1+1) \times (1111 - 1)) \\
&:= 22/2 + (2222 - 2) \\
&:= 33 + (3 \times 3^{3+3} + 33/3) \\
&:= 44 + (((4 - 4/4)^{4+4-4/4}) \\
&:= 55/5 + ((5 - 5/5) \times 555) \\
&:= (6 \times ((6 \times (66 - 6) + 6) + 6)) - 6/6 \\
&:= 7 + (((7+7)/7) \times (7777 + 7)/7) \\
&:= 8 + ((88 \times (8+8+8)) + 888/8) \\
&:= 9 + (((9+9)/9) \times 9999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2232 &:= 11 + (((1+1) \times 1111) - 1) \\
&:= 2 + (2222 + 2 \times (2 + 2)) \\
&:= 3 + ((3 \times (3^{3+3} + 3)) + 33) \\
&:= (4/4 + 4 + 4) \times (4^4 - 4 - 4) \\
&:= (5+5)/5 \times (5555/5 + 5) \\
&:= 6 \times ((6 \times (66 - 6) + 6) + 6) \\
&:= 77 + (77 \times (7+7+7+7) - 7/7) \\
&:= (8/8 + 8) \times ((8+8) \times (8+8) - 8) \\
&:= 9 + ((9+9+9) \times (9/9+9 \times 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2233 &:= 11 + ((1+1) \times 1111) \\
&:= 22/2 + 2222 \\
&:= 3 + (((3 \times 3 + 3/3) + 3)^3) + 33 \\
&:= 4 + (((4/4 + 4) \times (444 + 4/4)) + 4) \\
&:= 5 + ((5 - 5/5) \times (555 + (5+5)/5)) \\
&:= 6/6 + (6 \times ((6 \times (66 - 6) + 6) + 6)) \\
&:= 77 + 77 \times (7+7+7+7) \\
&:= 8 + ((8/8 + 88) \times (8/8 + 8 + 8 + 8)) \\
&:= 9 + (((9+9)/9) \times (9999 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2234 &:= 1 + (11 + ((1+1) \times 1111)) \\
&:= 2222 + (2 \times (2 + 2 + 2)) \\
&:= 3 + ((3 \times 3^{3+3} + 33/3) + 33) \\
&:= 4 + ((4 \times 4444/(4+4) + 4) + 4) \\
&:= 5 + (((5 - 5/5) \times (555 + 5/5)) + 5) \\
&:= ((6+6)/6) \times ((6666/6) + 6) \\
&:= 7 + (((7 \times 7 - 7/7)^{(7+7)/7}) - 77) \\
&:= 8 + (((8+8)/8) \times (((8888 + 8) + 8)/8)) \\
&:= 9 + ((9+9+9) \times (9/9+9 \times 9) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2235 &:= 11 + ((1+1) \times (1+1111)) \\
&:= 2 + (2222 + 22/2) \\
&:= (3 \times (3^{3+3} + 3^3)) - 33 \\
&:= (4/4 + 4) \times ((444 - 4/4) + 4) \\
&:= ((5 - 5/5) \times (555 + 5)) - 5 \\
&:= 6 + (6 \times (6 \times 66 - 6) - 666/6) \\
&:= 7 \times 7 + (((7+7+7)/7)^7 - 7/7) \\
&:= 8 \times 8 + (((88/8 - 8)^{8-8/8}) - (8+8)) \\
&:= 9 + (((9+9)/9) \times (((9999 + 9) + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2236 &:= 1 + (11 + ((1 + 1) \times (1 + 1111))) \\
&:= 2^{2+2} + (2222 - 2) \\
&:= 3 + (((3 \times 3 + 3/3) + 3)^3) + 33 + 3) \\
&:= 4 \times 4 + (4/4 + 4) \times 444 \\
&:= (5 - 5/5) \times (555 - 5/5 + 5) \\
&:= ((6 + 6)/6) \times ((6666 + 6)/6 + 6) \\
&:= 7 \times 7 + ((7 + 7 + 7)/7)^7 \\
&:= ((8 + 8)/8) \times ((8888 - 8)/8 + 8) \\
&:= ((9 + 9)/9) \times (((9999 - (9 + 9))/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2237 &:= 11 + ((1 + 1) \times (1 + (1 + 1111))) \\
&:= 2 + ((2222 + 22/2) + 2) \\
&:= 33 + ((3 \times (3^{3+3} + 3) + 3)) - 3/3) \\
&:= 4 \times 4 + ((4/4 + 4) \times 444 + 4/4) \\
&:= 5 + ((5 + 5)/5 \times (5555/5 + 5)) \\
&:= 6 + ((6 \times ((6 \times (66 - 6) + 6) + 6)) - 6/6) \\
&:= 7/7 + (((7 + 7 + 7)/7)^7 + 7 \times 7) \\
&:= 8 + ((8 \times (8 \times (8 + 8 + 8) + 88)) - (88/8)) \\
&:= 9 + (((9 + 9)/9)^{99/9} + 99) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2238 &:= (1 + 1) \times (((11 - 1) \times (1 + 111)) - 1) \\
&:= 2^{2+2} + 2222 \\
&:= 33 + (3 \times ((3^{3+3} + 3) + 3)) \\
&:= 4 \times 4 + 4 \times 4444/(4 + 4) \\
&:= ((5 - 5/5) \times (555 + 5)) - (5 + 5)/5) \\
&:= 6 + (6 \times ((6 \times (66 - 6) + 6) + 6)) \\
&:= 7 \times 7 + (((7 + 7 + 7)/7)^7 + ((7 + 7)/7)) \\
&:= ((8 + 8)/8) \times (8888/8 + 8) \\
&:= 9 + (((99/9 + 9) \times 999/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2239 &:= ((1 + 1) \times ((11 - 1) \times (1 + 111))) - 1 \\
&:= 2/2 + (2222 + 2^{2+2}) \\
&:= 3 \times 3 + (((3 \times 3 + 3/3) + 3)^3) + 33) \\
&:= ((4/4 + 4) \times (444 + 4)) - 4/4 \\
&:= ((5 - 5/5) \times (555 + 5)) - 5/5) \\
&:= 6 + ((6 \times ((6 \times (66 - 6) + 6) + 6)) + 6/6) \\
&:= ((7 + 7) \times (777/7 + 7 \times 7)) - 7/7) \\
&:= (8 \times (8 \times (8 + 8 + 8) + 88)) - 8/8) \\
&:= 99 + ((99/9 + 9) \times ((99 - 9/9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2240 &:= (1 + 1) \times ((11 - 1) \times (1 + 111)) \\
&:= 2 + (2222 + 2^{2+2}) \\
&:= (3 \times 3 + 3)^3 + ((3 - 3/3)^{3 \times 3}) \\
&:= (4/4 + 4) \times (444 + 4) \\
&:= (5 - 5/5) \times (555 + 5) \\
&:= (6 \times 6 - 6/6) \times ((6 + 6)/6)^6 \\
&:= (7 + 7) \times (777/7 + 7 \times 7) \\
&:= 8 \times (8 \times (8 + 8 + 8) + 88) \\
&:= ((9 + 9)/9) \times (9999/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2241 &:= 1 + ((1 + 1) \times ((11 - 1) \times (1 + 111))) \\
&:= 22 + (2222 - (2/2 + 2)) \\
&:= 3 \times (3^{3+3} + (3 \times (3 + 3))) \\
&:= 4/4 + ((4/4 + 4) \times (444 + 4)) \\
&:= 5/5 + ((5 - 5/5) \times (555 + 5)) \\
&:= 66 + ((66 \times 66 - 6)/(6 + 6)/6) \\
&:= 7 \times (7 \times 7 \times 7 - 7) - 777/7) \\
&:= 8/8 + (8 \times (8 \times (8 + 8 + 8) + 88)) \\
&:= (9 + 9 + 9) \times (((9 + 9)/9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2242 &:= (1 + 1) \times (11 + (1111 - 1)) \\
&:= 22 + (2222 - 2) \\
&:= 3/3 + (3 \times (3^{3+3} + (3 \times (3 + 3)))) \\
&:= 4 + (4 \times 4444/(4 + 4) + 4 \times 4) \\
&:= 55 + ((5 - (5 + 5)/5)^{(5+5)/5+5}) \\
&:= ((6 + 6)/6 + 6 \times 6) \times (66 - (6/6 + 6)) \\
&:= 7 + (((7 + 7 + 7)/7)^7 - 7/7) + 7 \times 7) \\
&:= (8 + 8)/8 + (8 \times (8 \times (8 + 8 + 8) + 88)) \\
&:= 9/9 + ((9 + 9 + 9) \times (((9 + 9)/9) + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2243 &:= ((1 + 1) \times (11 + 1111)) - 1 \\
&:= 22 + (2222 - 2/2) \\
&:= 3 + (((3 - 3/3)^{3 \times 3}) + (3 \times 3 + 3)^3) \\
&:= (4 \times (4/4 + 4)^4) - (4/4 + 4^4) \\
&:= 5 + (((5 - 5/5) \times (555 + 5)) - ((5 + 5)/5)) \\
&:= (66 \times (6 \times 6 - ((6 + 6)/6))) - 6/6) \\
&:= 7 + (((7 + 7 + 7)/7)^7 + 7 \times 7) \\
&:= 8 \times 8 + (((88/8 - 8)^{8-8/8}) - 8) \\
&:= (9 + 9)/9 + ((9 + 9 + 9) \times (((9 + 9)/9) + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2244 &:= (1 + 1) \times (11 + 1111) \\
&:= 22 + 2222 \\
&:= 3 + (3 \times (3^{3+3} + (3 \times (3 + 3)))) \\
&:= (4 \times (4/4 + 4)^4) - 4^4 \\
&:= (5 - 5/5) \times ((555 + 5/5) + 5) \\
&:= 66 \times (6 \times 6 - ((6 + 6)/6)) \\
&:= 7 + (((7 + 7 + 7)/7)^7 + 7 \times 7) + 7/7) \\
&:= ((8 + 8)/8) \times ((8888 + 88)/8) \\
&:= ((9 + 9)/9) \times (9999 + 99/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2245 &:= 1 + ((1 + 1) \times (11 + 1111)) \\
&:= 22 + (2222 + 2/2) \\
&:= 3 + ((3 \times (3^{3+3} + (3 \times (3 + 3)))) + 3/3) \\
&:= 4/4 + ((4 \times (4/4 + 4)^4) - 4^4) \\
&:= 5 + ((5 - 5/5) \times (555 + 5)) \\
&:= 6/6 + (66 \times (6 \times 6 - ((6 + 6)/6))) \\
&:= 7 + (((7 + 7 + 7)/7)^7 + ((7 + 7)/7)) + 7 \times 7) \\
&:= 8 \times 8 \times (8 + 8) + 88/8 \times 888/8) \\
&:= 9999/9 + (9 \times ((99 + 9 + 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2246 &:= (1 + 1) \times (1 + (11 + 1111)) \\
&:= 2 + (2222 + 22) \\
&:= 3^3 + ((3 \times 3^{3+3} - 3/3) + 33) \\
&:= (4 + 4)/4 + ((4 \times (4/4 + 4)^4) - 4^4) \\
&:= 5 + (((5 - 5/5) \times (555 + 5)) + 5/5) \\
&:= 6 + ((6 \times 6 - 6/6) \times ((6 + 6)/6)^6) \\
&:= 7 \times 7 + ((7 - 7/7 + 7)^{(7+7+7)/7}) \\
&:= 8 + (((8 + 8)/8) \times (8888/8 + 8)) \\
&:= 99 + (((9 + 9)/9)^{99/9} + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2247 &:= 1 + ((1 + 1) \times (1 + (11 + 1111))) \\
&:= 2 + ((2222 + 22) + 2/2) \\
&:= 3^3 + (3 \times 3^{3+3} + 33) \\
&:= 4 + ((4 \times (4/4 + 4)^4) - (4/4 + 4^4)) \\
&:= 5 \times 5 + ((5 + 5)/5 \times 5555/5) \\
&:= 66 + ((66 \times 66 + 6)/(6 + 6)/6) \\
&:= 7 \times 7 \times 7 \times 7 - 77 - 77) \\
&:= 8 + ((8 \times (8 \times (8 + 8 + 8) + 88)) - 8/8) \\
&:= (((99 + 9)/9) + 9) \times ((99 - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2248 &:= (1 + 1) \times (1 + (11 + 1111)) \\
&:= 2 + ((2222 + 22) + 2) \\
&:= ((3/3 + 3)^3) + (3 \times 3^{3+3} - 3) \\
&:= 4 + ((4 \times (4/4 + 4)^4) - 4^4) \\
&:= (5 - 5/5) \times ((555 + (5 + 5)/5) + 5) \\
&:= 6 \times 6 \times 66 - (((6 + 6)/6)^{6/6+6}) \\
&:= 7 + (7 \times (7 \times 7 \times 7 - 7) - 777/7) \\
&:= 8 + (8 \times (8 \times (8 + 8 + 8) + 88)) \\
&:= (9 \times (9 \times (9 + 9 + 9) + 9)) - (99/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2249 &:= 1 + ((1 + 1) \times (1 + (11 + 1111))) \\
&:= 2 + (((2222 + 22) + 2/2) + 2) \\
&:= 3^3 + (((33 \times 3^3) + (33/3)^3) \\
&:= 4 + (((4 \times (4/4 + 4)^4) - 4^4) + 4/4) \\
&:= (5 \times ((5 + 5) \times (55 - 5 - 5))) - 5/5) \\
&:= 6 + ((66 \times (6 \times 6 - ((6 + 6)/6))) - 6/6) \\
&:= (7 \times 7 - 7/7) \times (7 \times 7 - (7 + 7)/7) - 7) \\
&:= 8 + ((8 \times (8 \times (8 + 8 + 8) + 88)) + 8/8) \\
&:= 9 + (((9 + 9)/9) \times (9999/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2250 &:= (11 - 1) \times (1 + ((1 + 1) \times (1 + 111))) \\
&:= 2 + (((2222 + 22) + 2) + 2) \\
&:= 3 \times ((3^{3+3} + (3 \times (3 + 3))) + 3) \\
&:= (4/4 + 4) \times ((444 + (4 + 4)/4) + 4) \\
&:= 5 \times ((5 + 5) \times (55 - 5 - 5)) \\
&:= 6 + (66 \times (6 \times 6 - ((6 + 6)/6))) \\
&:= 7 + (((7 + 7 + 7)/7)^7 + 7 \times 7) + 7) \\
&:= (8/8 + 8 + 8 + 8) \times ((8 + 8)/8 + 88) \\
&:= (9 \times (9 \times (9 + 9 + 9) + 9)) - (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2251 &:= 1 + ((11 - 1) \times (1 + ((1 + 1) \times (1 + 111)))) \\
&:= (((22 - 2) \times (222 + 2)) + 22) / 2 \\
&:= ((3/3 + 3)^3) + 3 \times 3^{3+3} \\
&:= 4 \times 4 \times 4 + ((4 - 4/4)^{4+4-4/4}) \\
&:= 5/5 + (5 \times ((5 + 5) \times (55 - 5 - 5))) \\
&:= 6 + ((66 \times (6 \times 6 - ((6 + 6)/6))) + 6/6) \\
&:= 7 + (((((7 + 7 + 7)/7)^7 + 7 \times 7) + 7/7) + 7) \\
&:= 8 \times 8 + ((88/8 - 8)^{8-8/8}) \\
&:= 9/9 + ((9 \times (9 \times (9 + 9 + 9) + 9)) - (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2252 &:= 1 + (1 + ((11 - 1) \times (1 + ((1 + 1) \times (1 + 111)))))) \\
&:= 2 \times ((2 \times ((22 + 2)^2) - 2) - 22) \\
&:= 3/3 + (((3/3 + 3)^3) + 3 \times 3^{3+3}) \\
&:= 4 + (((4 \times (4/4 + 4)^4) - 4^4) + 4) \\
&:= (5 + 5)/5 + (5 \times ((5 + 5) \times (55 - 5 - 5))) \\
&:= 6 + (((6 \times 6 - 6/6) \times ((6 + 6)/6)^6) + 6) \\
&:= (7 \times (7 \times 7 \times 7 - 7 - 7 - 7)) - (7 + 7)/7 \\
&:= 8 + (((8 + 8)/8) \times ((8888 + 88)/8)) \\
&:= (9 + 9)/9 + ((9 \times (9 \times (9 + 9 + 9) + 9)) - (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2253 &:= 11 + ((1 + 1) \times (11 + (1111 - 1))) \\
&:= 22 + ((2222 - 2) + 22/2) \\
&:= 33 + (3 \times 3^{3+3} + 33) \\
&:= 44 + ((44 - 4/4 + 4)^{(4+4)/4}) \\
&:= 5 + ((5 - 5/5) \times ((555 + (5 + 5)/5) + 5)) \\
&:= 66 + ((6 \times 6/(6 + 6))^{6/6+6}) \\
&:= (7 \times (7 \times 7 \times 7 - 7 - 7 - 7)) - 7/7 \\
&:= ((88/8 + 8) \times (8888/8 + 8)) - 8 \\
&:= 9 + (((9 + 9)/9) \times ((9999 + 99)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2254 &:= 11 + (((1 + 1) \times (11 + 1111)) - 1) \\
&:= 2222 + 2 \times 2^{2+2} \\
&:= 3 + (((3/3 + 3)^3) + 3 \times 3^{3+3}) \\
&:= 4 \times (4 + 4) + 4 \times 4444/(4 + 4) \\
&:= 5 + ((5 \times ((5 + 5) \times (55 - 5 - 5))) - 5/5) \\
&:= 6 \times 6 \times 66 - ((666 + 66)/6) \\
&:= 7 \times (7 \times 7 \times 7 - 7 - 7 - 7) \\
&:= ((8 + 8)/8) \times ((8888/8 + 8) + 8) \\
&:= (99 - 9/9) \times ((99 + 99 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2255 &:= 11 + ((1 + 1) \times (11 + 1111)) \\
&:= 22 + (2222 + 22/2) \\
&:= 33/3 \times ((3 + 3)^3 - 33/3) \\
&:= 4^4 + (44 \times 44 + ((4^4 - 4)/4)) \\
&:= 5 + (5 \times ((5 + 5) \times (55 - 5 - 5))) \\
&:= 66/6 \times (6 \times 6 \times 6 - (66/6)) \\
&:= 7/7 + (7 \times (7 \times 7 \times 7 - 7 - 7 - 7)) \\
&:= 8 + (((8 \times (8 \times (8 + 8 + 8) + 88)) - 8/8) + 8) \\
&:= 9 + (((((9 + 9)/9)^{99/9}) + 99) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2256 &:= 1 + (11 + ((1 + 1) \times (11 + 111))) \\
&:= 2 + (2222 + 2 \times 2^{2+2}) \\
&:= (3 \times ((3^{3+3} - 3) + 3^3)) - 3 \\
&:= 4 \times (4 \times (4^4 - 4) - 444) \\
&:= 5 + ((5 \times ((5 + 5) \times (55 - 5 - 5))) + 5/5) \\
&:= 6 + ((66 \times (6 \times 6 - ((6 + 6)/6))) + 6) \\
&:= (7 \times 7 - 7/7) \times (7 \times 7 - (7 + 7)/7) \\
&:= 8 + ((8 \times (8 \times (8 + 8 + 8) + 88)) + 8) \\
&:= (9 \times (9 \times (9 + 9 + 9) + 9)) - (99 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2257 &:= 11 + ((1 + 1) \times (1 + (11 + 111))) \\
&:= 2 + ((2222 + 22/2) + 22) \\
&:= (3 \times (3^{3+3} + 3^3)) - 33/3 \\
&:= 4/4 + ((4 + 4) \times (4^4 + 4) + 4 \times 44) \\
&:= 5^5 - (((5 - (5 + 5)/5)^5) + 5^5/5) \\
&:= (6 \times 6 + 6/6) \times (66 - 6 + 6/6) \\
&:= 77 + (((7 + 7 + 7)/7)^7 - 7) \\
&:= 8 + (((8 \times (8 \times (8 + 8 + 8) + 88)) + 8/8) + 8) \\
&:= (9 \times (9 \times (9 + 9 + 9) + 9)) - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2258 &:= (1 + 1) \times (((11 - 1) \times (1 + 1 + 111)) - 1) \\
&:= (2 + 2 + 2)^2 + 2222 \\
&:= 3 \times 3^{3+3} + (((3 + 3)^3 - 3)/3) \\
&:= 4 + (4 \times 4444/(4 + 4) + 4 \times (4 + 4)) \\
&:= 5^5 + (((5 - 5^5)/(5 + 5)) - 555) \\
&:= 6 \times 6 + (((6 + 6)/6) \times (6666/6)) \\
&:= 7/7 + (((((7 + 7 + 7)/7)^7 - 7) + 77) \\
&:= 8 + ((8/8 + 8 + 8 + 8) \times ((8 + 8)/8 + 88)) \\
&:= (9 \times (9 \times (9 + 9 + 9) + 9)) - 9/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2259 &:= (1 + 1)^{11} + ((1 + 1) \times 111 - 11) \\
&:= 2/2 + ((2 + 2 + 2)^2 + 2222) \\
&:= 3 \times ((3^{3+3} - 3) + 3^3) \\
&:= (4/4 + 4 + 4) \times (4^4 - 4/4 - 4) \\
&:= (5 - 5/5 + 5) \times (5 \times 5 \times (5 + 5) + 5/5) \\
&:= 6 \times 6 \times 66 - (666/6 + 6) \\
&:= 7 \times 7 \times 7 \times 7 - (((7 + 7)/7)^7 + 7) + 7) \\
&:= 8 + (((88/8 - 8)^{8-8/8}) + 8 \times 8) \\
&:= (9 \times (9 \times (9 + 9 + 9) + 9)) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2260 &:= (1 + 1) \times ((11 - 1) \times (1 + 1 + 111)) \\
&:= 2 \times ((2 \times ((22 + 2)^2)) - 22) \\
&:= 3/3 + (3 \times ((3^{3+3} - 3) + 3^3)) \\
&:= 4^4 + (4^4 \times (4 + 4) - 44) \\
&:= (5 - 5/5) \times (555 + 5 + 5) \\
&:= 6 \times 6 \times 66 + (((6 - 666)/6) - 6) \\
&:= 7 + ((7 \times (7 \times 7 \times 7 - 7 - 7 - 7)) - 7/7) \\
&:= ((8 \times 8 \times (8 \times 8 + 8)) - 88)/(8 + 8)/8) \\
&:= 9/9 + ((9 \times (9 \times (9 + 9 + 9) + 9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2261 &:= 1 + ((1 + 1) \times ((11 - 1) \times (1 + 1 + 111))) \\
&:= 2/2 + (2 \times ((2 \times ((22 + 2)^2)) - 22)) \\
&:= 3 + (((3 + 3)^3 - 3)/3) + 3 \times 3^{3+3} \\
&:= 4/4 + ((4^4 \times (4 + 4) - 44) + 4^4) \\
&:= 5^5 + ((55/5 + 5) \times (5/5 - 55)) \\
&:= 6 + ((66/6) \times (6 \times 6 \times 6 - (66/6))) \\
&:= 7 + (7 \times (7 \times 7 \times 7 - 7 - 7 - 7)) \\
&:= (88/8 + 8) \times (888/8 + 8) \\
&:= (9 + 9)/9 + ((9 \times (9 \times (9 + 9 + 9) + 9)) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2262 &:= (1 + 1) \times (1 + ((11 - 1) \times (1 + 1 + 111))) \\
&:= 2222 + 2 \times (22 - 2) \\
&:= 3 + (3 \times ((3^{3+3} - 3) + 3^3)) \\
&:= 44 + (4 \times 4444/(4 + 4) - 4) \\
&:= (5 \times 5 + 5/5) \times (((5 + 5)/5)^5 + 55) \\
&:= 66 + 6 \times 6 \times (66 - 6 + 6) \\
&:= 7 + ((7 \times (7 \times 7 \times 7 - 7 - 7 - 7)) + 7/7) \\
&:= (8/8 - 88) \times ((8 - 88)/8 - (8 + 8)) \\
&:= ((9 + 9)/9) \times (((9999 + 99)/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2263 &:= 1 + ((1 + 1) \times (1 + ((11 - 1) \times (1 + 1 + 111)))) \\
&:= 2/2 + (2222 + 2 \times (22 - 2)) \\
&:= 3 + ((3 \times ((3^{3+3} - 3) + 3^3)) + 3/3) \\
&:= 4 + ((4/4 + 4 + 4) \times (4^4 - 4/4 - 4)) \\
&:= 5 + (((5 - 5^5)/(5 + 5)) - 555) + 5^5) \\
&:= 6 + ((6 \times 6 + 6/6) \times (66 - 6 + 6/6)) \\
&:= 77 + (((7 + 7 + 7)/7)^7 - 7/7) \\
&:= 88 + (((8 + 8) \times (8 \times (8 + 8) + 8)) - 8/8) \\
&:= 9 + ((99 - 9/9) \times ((99 + 99 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2264 &:= (1 + 1) \times (11 + (11 + (1111 - 1))) \\
&:= 2 \times 22 + (2222 - 2) \\
&:= (3 + 3)^3 + (3 - 3/3)^{33/3} \\
&:= 44 + (4/4 + 4) \times 444 \\
&:= (5 - 5/5) \times (555 + (55/5)) \\
&:= 6 \times 6 \times 6 + (((6 + 6)/6)^{66/6}) \\
&:= 77 + ((7 + 7 + 7)/7)^7 \\
&:= 88 + ((8 + 8) \times (8 \times (8 + 8) + 8)) \\
&:= ((9 - 9 \times 9)/(9 + 9)) + (9 \times (9 \times (9 + 9 + 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2265 &:= ((1 + 1) \times (11 + (11 + 111))) - 1 \\
&:= 2 \times 22 + (2222 - 2/2) \\
&:= (3 \times (3^{3+3} + 3^3)) - 3 \\
&:= 44 + ((4/4 + 4) \times 444 + 4/4) \\
&:= 5 + ((5 - 5/5) \times (555 + 5 + 5)) \\
&:= 6 \times 6 \times 66 - 666/6 \\
&:= 7/7 + (((7 + 7 + 7)/7)^7 + 77) \\
&:= 8/8 + (((8 + 8) \times (8 \times (8 + 8) + 8)) + 88) \\
&:= (9 \times (9 \times (9 + 9 + 9) + 9)) - (9 + 9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2266 &:= (1+1) \times (11 + (11 + 1111)) \\
&:= 2 \times 22 + 2222 \\
&:= 3/3 + ((3 \times (3^{3+3} + 3^3)) - 3) \\
&:= 44 + 4 \times 4444 / (4 + 4) \\
&:= 5 + (((55/5 + 5) \times (5/5 - 55)) + 5^5) \\
&:= 6 \times 6 \times 66 + ((6 - 666)/6) \\
&:= 7 \times 7 \times 7 \times 7 - (((7 + 7)/7)^7 + 7) \\
&:= (888/8 - 8) \times (88 + 88)/8 \\
&:= (9 \times (9 \times (9 + 9 + 9) + 9)) - (9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2267 &:= 1 + ((1 + 1) \times (11 + (11 + 1111))) \\
&:= 2/2 + (2222 + 2 \times 22) \\
&:= (3 \times (3^{3+3} + 3^3)) - 3/3 \\
&:= (4^4 - 4) \times (4/4 + 4 + 4) - 4/4 \\
&:= 5 + ((5 \times 5 + 5/5) \times (((5 + 5)/5)^5 + 55)) \\
&:= (6 \times (6 \times 66 - (6 + 6 + 6))) - 6/6 \\
&:= 777/7 + 77 \times (7 + 7 + 7 + 7) \\
&:= 88 + (((88/8 - 8)^{8-8/8}) - 8) \\
&:= (9 \times (9 \times (9 + 9 + 9) + 9)) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2268 &:= (1+1)^{11} + ((1+1) \times (111 - 1)) \\
&:= 2 + (2222 + 2 \times 22) \\
&:= 3 \times (3^{3+3} + 3^3) \\
&:= (4^4 - 4) \times (4/4 + 4 + 4) \\
&:= (5 - 5/5) \times (((55 + 5)/5) + 555) \\
&:= 6 \times (6 \times 66 - (6 + 6 + 6)) \\
&:= 7 \times ((77/7 + 7)^{(7+7)/7}) \\
&:= (8/8 + 8) \times ((8 \times 8 - 8)/(8 + 8)/8) \\
&:= 9 \times (9 \times (9 + 9 + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2269 &:= (1+1)^{11} + ((1+1) \times 111 - 1) \\
&:= 222 + (2^{22/2} - 2/2) \\
&:= 3/3 + (3 \times (3^{3+3} + 3^3)) \\
&:= 4/4 + (4^4 - 4) \times (4/4 + 4 + 4) \\
&:= 5 + ((5 - 5/5) \times (555 + (55/5))) \\
&:= 6/6 + (6 \times (6 \times 66 - (6 + 6 + 6))) \\
&:= 7/7 + (7 \times ((77/7 + 7)^{(7+7)/7})) \\
&:= 8 + ((88/8 + 8) \times (888/8 + 8)) \\
&:= 9/9 + (9 \times (9 \times (9 + 9 + 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2270 &:= (1+1)^{11} + (1+1) \times 111 \\
&:= 222 + 2^{22/2} \\
&:= 3 + ((3 \times (3^{3+3} + 3^3)) - 3/3) \\
&:= (444 + ((4 + 4)^4)) / ((4 + 4)/4) \\
&:= 55 + (((5 - 5/5) \times 555) - 5) \\
&:= 6 + (((6 + 6)/6)^{66/6}) + 6 \times 6 \times 6 \\
&:= 7 + (((7 + 7 + 7)/7)^7 - 7/7 + 77) \\
&:= 8 + ((8/8 - 88) \times ((8 - 88)/8 - (8 + 8))) \\
&:= (9 + 9)/9 + (9 \times (9 \times (9 + 9 + 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2271 &:= 1 + ((1+1)^{11} + (1+1) \times 111) \\
&:= 2/2 + (2^{22/2} + 222) \\
&:= 3 + (3 \times (3^{3+3} + 3^3)) \\
&:= 4^4 + ((4 + 4) \times (4^4 - 4) - 4/4) \\
&:= 55 + ((5 - 5/5) \times (555 - 5/5)) \\
&:= 6 + (6 \times 6 \times 66 - 666/6) \\
&:= 7 + (((7 + 7 + 7)/7)^7 + 77) \\
&:= 8 + (((8 + 8) \times (8 \times (8 + 8) + 8)) - 8/8) + 88 \\
&:= ((9 + 9 + 9)/9) + (9 \times (9 \times (9 + 9 + 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2272 &:= (1+1)^{11} + ((1+1) \times (1 + 111)) \\
&:= 2 + (2^{22/2} + 222) \\
&:= 3 + ((3 \times (3^{3+3} + 3^3)) + 3/3) \\
&:= 4^4 + (4 + 4) \times (4^4 - 4) \\
&:= (5 + 5)/5 \times (5555/5 + 5 \times 5) \\
&:= 6 + (((6 - 666)/6) + 6 \times 6 \times 66) \\
&:= 7 + (((7 + 7 + 7)/7)^7 + 77) + 7/7 \\
&:= 8 + (((8 + 8) \times (8 \times (8 + 8) + 8)) + 88) \\
&:= 999 + (9999/9 + 9 \times (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2273 &:= 1 + ((1+1)^{11} + ((1+1) \times (1 + 111))) \\
&:= 2 + (2^{22/2} + 222) + 2/2 \\
&:= 3 + (((3 \times (3^{3+3} + 3^3)) - 3/3) + 3) \\
&:= 4/4 + ((4 + 4) \times (4^4 - 4) + 4^4) \\
&:= (5 - 5/5)^5 + ((5^5 - 5 + 5^5)/5) \\
&:= 6 \times (6 \times 66 - 6) - (66 + 6/6) \\
&:= 7 \times 7 \times 7 \times 7 - ((7 + 7)/7)^7 \\
&:= ((8 - 8/8)^{8 \times 8 / (8 + 8)}) - 8 \times (8 + 8) \\
&:= ((9 \times 9 + 9)/(9 + 9)) + (9 \times (9 \times (9 + 9 + 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2274 &:= (1+1)^{11} + ((1+1) \times (1 + 1 + 111)) \\
&:= 2 + (2^{22/2} + 222) + 2 \\
&:= 3 + ((3 \times (3^{3+3} + 3^3)) + 3) \\
&:= 4 + ((444 + ((4 + 4)^4)) / ((4 + 4)/4)) \\
&:= (5 - 5/5)^5 + 5 \times 5 \times 5 \times (5 + 5) \\
&:= 6 \times (6 \times 66 - 6) - 66 \\
&:= 7 \times (7 \times 7 \times 7 - 7) - 7/7 - 77 \\
&:= 8 + ((888/8 - 8) \times (88 + 88)/8) \\
&:= 9 + ((9 \times (9 \times (9 + 9 + 9) + 9)) - ((9 + 9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2275 &:= 1 + ((1+1)^{11} + ((1+1) \times (1 + 1 + 111))) \\
&:= 2 + (((2^{22/2} + 222) + 2/2) + 2) \\
&:= (3 \times (3^{3+3} + 33)) - 33/3 \\
&:= (4/4 + 4) \times (444 + 44/4) \\
&:= 5 \times (((5 + 5) \times (55 - 5 - 5)) + 5) \\
&:= (6 \times 6 - 6/6) \times (66 - 6/6) \\
&:= 7 \times (7 \times 7 \times 7 - 7) - 77 \\
&:= 88 + ((88/8 - 8)^{8-8/8}) \\
&:= 9 + ((9 \times (9 \times (9 + 9 + 9) + 9)) - ((9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2276 &:= (1+1) \times (1111 + (1+1+1)^{1+1+1}) \\
&:= 2 + (((2^{22/2} + 222) + 2) + 2) \\
&:= 333 + (((3 \times (3 + 3))^3 - 3)/3) \\
&:= 4 + ((4 + 4) \times (4^4 - 4) + 4^4) \\
&:= (5 - 5/5) \times ((5^5 - 5)/5 - 55) \\
&:= 6 \times (6 \times 66 - 6) - ((6 + 6)/6)^6 \\
&:= 7/7 + (7 \times (7 \times 7 \times 7 - 7) - 77) \\
&:= ((8 \times (8 \times (8 \times 8 + 8) - 8)) + 8) / ((8 + 8)/8) \\
&:= 9 + ((9 \times (9 \times (9 + 9 + 9) + 9)) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2277 &:= 11 \times (11 + (1 + 1 + 1 + 11)^{1+1}) \\
&:= 22/2 + (2222 + 2 \times 22) \\
&:= 3 \times ((3^{3+3} + 3^3) + 3) \\
&:= (4/4 + 4 + 4) \times ((4/4 - 4) + 4^4) \\
&:= 55 + ((5 + 5)/5 \times 5555/5) \\
&:= 6 + ((6 \times 6 \times 66 - 666/6) + 6) \\
&:= (7 + 7)/7 + (7 \times (7 \times 7 \times 7 - 7) - 77) \\
&:= 88/8 \times ((888/8 + 88) + 8) \\
&:= 9 + (9 \times (9 \times (9 + 9 + 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2278 &:= 1 + (11 \times (11 + (1 + 1 + 1 + 11)^{1+1})) \\
&:= ((2 \times (22 + 2))^2) - 22 - 2 - 2 \\
&:= 3/3 + (3 \times ((3^{3+3} + 3^3) + 3)) \\
&:= (4 - 44)/4 + 44 \times (44 + 4 + 4) \\
&:= 5 + (((5^5 - 5 + 5^5)/5) + (5 - 5/5)^5) \\
&:= (66 + 6/6) \times (6 \times 6 - ((6 + 6)/6)) \\
&:= 7 + (((7 + 7 + 7)/7)^7 + 77) + 7 \\
&:= 8 \times 8 + (((8 + 8)/8) \times 8888/8) - 8 \\
&:= 9 + ((9 \times (9 \times (9 + 9 + 9) + 9)) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2279 &:= (1+1)^{11} + (11 \times (11 + (11 - 1))) \\
&:= 2^{22/2} + ((22^2 - 22)/2) \\
&:= 33/3 + (3 \times (3^{3+3} + 3^3)) \\
&:= (44 - 4/4) \times (4^4 - 44)/4 \\
&:= 5 + (5 \times 5 \times 5 \times (5 + 5) + (5 - 5/5)^5) \\
&:= 6 + (6 \times (6 \times 66 - 6) - (66 + 6/6)) \\
&:= 7 \times 7 \times 7 \times 7 - (777 + 77)/7 \\
&:= ((8 + 8 + 8) \times (88 - 8/8 + 8)) - 8/8 \\
&:= 99/9 + (9 \times (9 \times (9 + 9 + 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2280 &:= (1+1) \times ((11 - 1) \times (1 + 1 + 1 + 111)) \\
&:= ((2 \times (22 + 2))^2) - (22 + 2) \\
&:= 3 + (3 \times ((3^{3+3} + 3^3) + 3)) \\
&:= 44 \times (44 + 4 + 4) - 4 - 4 \\
&:= (5 - 5/5) \times (5^5/5 - 55) \\
&:= 6 + (6 \times (6 \times 66 - 6) - 66) \\
&:= 7 + (7 \times 7 \times 7 \times 7 - ((7 + 7)/7)^7) \\
&:= (8 + 8 + 8) \times (88 - 8/8 + 8) \\
&:= (9/9 + 9 + 9) \times (999/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2281 &:= 11 + ((1+1)^{11} + (1+1) \times 111) \\
&:= ((2 \times (22+2))^2) - (22+2/2) \\
&:= 3 + ((3 \times ((3^{3+3} + 3^3) + 3)) + 3/3) \\
&:= 4^4 + ((44+4/4)^{(4+4)/4}) \\
&:= 5 + ((55 \times (5 \times 5 + 5)) + (5^5 + 5)/5) \\
&:= 6 + ((6 \times 6 - 6/6) \times (66 - 6/6)) \\
&:= 7 + (7 \times (7 \times 7 \times 7 - 7) - (7/7 + 77)) \\
&:= 8/8 + ((8+8+8) \times (88 - 8/8 + 8)) \\
&:= 9/9 + ((9/9 + 9 + 9) \times (999/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2282 &:= 1 + (11 + ((1+1)^{11} + (1+1) \times 111)) \\
&:= ((2 \times (22+2))^2) - 22 \\
&:= (3 \times (3^{3+3} + 33)) - (3/3 + 3) \\
&:= 4^4 + (((4+4)^4) - 44)/(4+4)/4) \\
&:= 5 + (((5+5)/5 \times 5555/5) + 55) \\
&:= 6 + (6 \times (6 \times 66 - 6) - ((6+6)/6)^6) \\
&:= 7 + (7 \times (7 \times 7 \times 7 - 7) - 77) \\
&:= (8+8)/8 + ((8+8+8) \times (88 - 8/8 + 8)) \\
&:= (9+9) \times 99 + (((9 \times 999) + 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2283 &:= 11 + ((1+1)^{11} + ((1+1) \times (1+111))) \\
&:= 2/2 + (((2 \times (22+2))^2) - 22) \\
&:= (3 \times (3^{3+3} + 33)) - 3 \\
&:= 44 \times (44+4+4) - (4/4+4) \\
&:= (55/5 \times ((5^5 - 5)/(5+5+5))) - 5 \\
&:= 6 + (((6 \times 6 \times 66 - 666/6) + 6) + 6) \\
&:= 7 \times 7 \times 7 \times 7 - (777/7 + 7) \\
&:= 8 + (((88/8 - 8)^{8-8/8}) + 88) \\
&:= 99 + (((9+9+9)/9) \times (9 \times 9 \times 9 - 9/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2284 &:= 1 + (11 + ((1+1)^{11} + ((1+1) \times (1+111)))) \\
&:= 2 + (((2 \times (22+2))^2) - 22) \\
&:= 3/3 + ((3 \times (3^{3+3} + 33)) - 3) \\
&:= 44 \times (44+4+4) - 4 \\
&:= (5 - 5/5) \times ((5^5 + 5)/5 - 55) \\
&:= 6 + ((66+6/6) \times (6 \times 6 - ((6+6)/6))) \\
&:= 7 \times (7+7) + (((7+7+7)/7)^7 - 7/7) \\
&:= 8 + (((8 \times (8 \times (8 \times 8 + 8) - 8)) + 8)/(8+8)/8) \\
&:= 99 + (9 \times 9 \times (9+9+9) - (9+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2285 &:= 11 + ((1+1)^{11} + ((1+1) \times (1+1+111))) \\
&:= 2 + (((2 \times (22+2))^2) - 22) + 2/2) \\
&:= (3 \times (3^{3+3} + 33)) - 3/3 \\
&:= 4/4 + (44 \times (44+4+4) - 4) \\
&:= 5 + ((5 - 5/5) \times (5^5/5 - 55)) \\
&:= 66/6 + (6 \times (6 \times 66 - 6) - 66) \\
&:= 7 \times (7+7) + ((7+7+7)/7)^7 \\
&:= 888 + (88 \times (8+8) - (88/8)) \\
&:= 99 + (9 \times 9 \times (9+9+9) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2286 &:= (1+1) \times (1111 + ((11 \times (1+1+1)) - 1)) \\
&:= 2^{2+2+2} + 2222 \\
&:= 3 \times (3^{3+3} + 33) \\
&:= (4/4 + 4 + 4) \times (4^4 - (4+4)/4) \\
&:= ((55+5^5)/5) + (55 \times (5 \times 5 + 5)) \\
&:= 6 + ((6 \times (6 \times 66 - 6) - 66) + 6) \\
&:= 7/7 + (((7+7+7)/7)^7 + 7 \times (7+7)) \\
&:= 8 \times 8 + (((8+8)/8) \times 8888/8) \\
&:= 99 + 9 \times 9 \times (9+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2287 &:= (1+1)^{11} + (((1+1) \times (11^{1+1} - 1)) - 1) \\
&:= 2/2 + (2^{2+2+2} + 2222) \\
&:= 3/3 + (3 \times (3^{3+3} + 33)) \\
&:= 44 \times (44+4+4) - 4/4 \\
&:= 55 + ((5+5)/5 \times (5555/5 + 5)) \\
&:= 6 + (((6 \times 6 - 6/6) \times (66 - 6/6)) + 6) \\
&:= 7 + ((7 \times 7 \times 7 \times 7 - ((7+7)/7)^7) + 7) \\
&:= 888 + (88 \times (8+8) - (8/8+8)) \\
&:= 9/9 + (9 \times 9 \times (9+9+9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2288 &:= (1+1) \times (1111 + (11 \times (1+1+1))) \\
&:= 2 \times (2 \times (22 \times (22+2+2))) \\
&:= 3 + ((3 \times (3^{3+3} + 33)) - 3/3) \\
&:= 44 \times (44+4+4) \\
&:= 55/5 \times ((5^5 - 5)/(5+5+5)) \\
&:= 66 + (((6+6)/6) \times (6666/6)) \\
&:= (7/7+7) \times (7 \times (7 \times 7 - 7) - (7/7+7)) \\
&:= 88 \times (((8+8)/8) + 8) + 8) \\
&:= 9 + ((9 \times (9 \times (9+9+9) + 9)) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2289 &:= (11 + (11 - 1)) \times (111 - 1 - 1) \\
&:= 2^{22/2} + (22^2 - 2)/2 \\
&:= 3 + (3 \times (3^{3+3} + 33)) \\
&:= 4/4 + 44 \times (44+4+4) \\
&:= 5 + ((5 - 5/5) \times ((5^5 + 5)/5 - 55)) \\
&:= (6/6+6) \times (666/6 + 6 \times 6 \times 6) \\
&:= 7 \times (7 \times 7 \times 7 - 7 - 7) - (7+7) \\
&:= 8/8 + ((88 \times (8+8) - 8) + 888) \\
&:= 9 + ((9/9+9+9) \times (999/9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2290 &:= (1+1)^{11} + ((1+1) \times 11^{1+1}) \\
&:= 2^{22/2} + 22^2/2 \\
&:= 3 + ((3 \times (3^{3+3} + 33)) + 3/3) \\
&:= (4+4)/4 + 44 \times (44+4+4) \\
&:= 5^5 - (((55 \times (5+5+5)) + 5) + 5) \\
&:= 6 + (((66+6/6) \times (6 \times 6 - ((6+6)/6))) + 6) \\
&:= 7 \times 7 \times 7 \times 7 - 777/7 \\
&:= 888 + ((88 \times (8+8) - 8) + ((8+8)/8)) \\
&:= (9/9+9) \times (((99/9) \times (99/9+9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2291 &:= 1 + ((1+1)^{11} + ((1+1) \times 11^{1+1})) \\
&:= 2^{22/2} + (22^2 + 2)/2 \\
&:= 3 + (((3 \times (3^{3+3} + 33)) - 3/3) + 3) \\
&:= 4 + (44 \times (44+4+4) - 4/4) \\
&:= 555 + (5555 + 5^5)/5 \\
&:= (6 \times (6 \times ((6+6)/6)^6)) - (6/6+6+6) \\
&:= 7 \times 7 \times 7 \times 7 + ((7 - 777)/7) \\
&:= 8 + (((88/8 - 8)^{8-8/8}) + 88) + 8) \\
&:= 9 \times (9+9+9) + (((9+9)/9)^{99/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2292 &:= (1+1)^{11} + ((1+1) \times (1+11^{1+1})) \\
&:= 2 \times ((2 \times (((22+2)^2) - 2)) - 2) \\
&:= 3 + ((3 \times (3^{3+3} + 33)) + 3) \\
&:= 4 + 44 \times (44+4+4) \\
&:= 5^5 + (((5 - 5^5)/(5+5+5)) - 5^5/5) \\
&:= (6 \times (6 \times ((6+6)/6)^6)) - 6 - 6 \\
&:= 7 + (((7+7+7)/7)^7 + 7 \times (7+7)) \\
&:= ((88+8)/8) \times (8 \times (8+8+8) - 8/8) \\
&:= 9 \times 9 + (((99/9+9) \times 999/9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2293 &:= (((1+1) \times ((1+1) \times (1+111)))^{1+1}) - 11 \\
&:= ((2 \times (22+2))^2) - 22/2 \\
&:= 3 + (((3 \times (3^{3+3} + 33)) + 3/3) + 3) \\
&:= 4 + (44 \times (44+4+4) + 4/4) \\
&:= 5 + (55/5 \times ((5^5 - 5)/(5+5+5))) \\
&:= (6 \times (6 \times ((6+6)/6)^6)) - 66/6 \\
&:= ((7 - 77)/7) + 7 \times (7 \times 7 \times 7 - 7 - 7) \\
&:= ((88+8) \times (8+8+8)) - 88/8 \\
&:= (9+9) \times 99 + (((9+9)/9)^9) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2294 &:= 1 + (((1+1) \times ((1+1) \times (1+111)))^{1+1}) - 11 \\
&:= (2 \times (2 \times (((22+2)^2) - 2))) - 2 \\
&:= (3 \times ((3^{3+3} + 33) + 3)) - 3/3 \\
&:= 4 + (44 \times (44+4+4) + (4+4)/4) \\
&:= 5^5 - (((55 \times (5+5+5)) + 5/5) + 5) \\
&:= ((6+6)/6) \times ((6666/6) + 6 \times 6) \\
&:= 7 \times (7 \times 7 \times 7 - 7 - 7) - ((7+7)/7 + 7) \\
&:= 888 + (88 \times (8+8) - ((8+8)/8)) \\
&:= (9+9) \times 99 + (((9+9)/9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2295 &:= (11 - 1 - 1) \times (111 + (1+11)^{1+1}) \\
&:= 2 + (((2 \times (22+2))^2) - 22/2) \\
&:= 3 \times ((3^{3+3} + 33) + 3) \\
&:= (4/4+4+4) \times (4^4 - 4/4) \\
&:= 5^5 - (((55 \times (5+5+5)) + 5) + 5) \\
&:= 6 \times (6 \times 66 + 6) - (666/6 + 6) \\
&:= 7 \times (7 \times 7 \times 7 - 7 - 7) - (7/7 + 7) \\
&:= 888 + (88 \times (8+8) - 8/8) \\
&:= 9 + (9 \times 9 \times (9+9+9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2296 &:= (1+1) \times (1111 + (111/(1+1+1))) \\
&:= 2 \times (2 \times ((22+2)^2) - 2) \\
&:= 3/3 + (3 \times ((3^{3+3} + 33) + 3)) \\
&:= 4 + (44 \times (44+4+4) + 4) \\
&:= 5^5 + (5/5 - ((55 \times (5+5+5)) + 5)) \\
&:= (6 \times (6 \times ((6+6)/6)^6) - ((6+6)/6+6)) \\
&:= 7 \times (7 \times 7 \times 7 - 7 - 7) - 7 \\
&:= 888 + 88 \times (8+8) \\
&:= (9/9 + 9 \times 9) \times ((9/9 + 9 + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2297 &:= 111 + (((1+1+11)^{1+1+1}) - 11) \\
&:= 2/2 + (2 \times (2 \times ((22+2)^2) - 2)) \\
&:= 33/3 + (3 \times (3^{3+3} + 33)) \\
&:= 4 + ((44 \times (44+4+4) + 4/4) + 4) \\
&:= 5^5 + ((5+5)/5 - ((55 \times (5+5+5)) + 5)) \\
&:= (6 \times (6 \times ((6+6)/6)^6) - 6/6 - 6) \\
&:= ((7 \times 7 - 7/7)^{(7+7)/7}) - 7 \\
&:= 8/8 + (88 \times (8+8) + 888) \\
&:= 99 + (9 \times 9 \times (9+9+9) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2298 &:= (11 \times (11 \times (((1+1) \times (11-1)) - 1))) - 1 \\
&:= 2 + (2 \times (2 \times ((22+2)^2) - 2)) \\
&:= 3 + (3 \times ((3^{3+3} + 33) + 3)) \\
&:= 4^4 + (4^4 \times (4+4) - ((4+4)/4+4)) \\
&:= 5^5 - ((55 \times (5+5+5)) + ((5+5)/5)) \\
&:= (6 \times (6 \times ((6+6)/6)^6) - 6) \\
&:= 777/7 + ((7+7+7)/7)^7 \\
&:= 888 + (88 \times (8+8) + ((8+8)/8)) \\
&:= 999/9 + 9 \times 9 \times (9+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2299 &:= 11 \times (11 \times (((1+1) \times (11-1)) - 1)) \\
&:= (22/2)^2 \times (22 - (2/2+2)) \\
&:= 3 \times 3^{3+3} + ((333+3)/3) \\
&:= 4 + ((4/4+4+4) \times (4^4 - 4/4)) \\
&:= 5^5 - ((55 \times (5+5+5)) + 5/5) \\
&:= 6/6 + ((6 \times (6 \times ((6+6)/6)^6) - 6) \\
&:= 7 + (((7+7+7)/7)^7 + 7 \times (7+7) + 7) \\
&:= 88/8 \times (88/8 \times (88/8+8)) \\
&:= 99/9 \times ((99/9+99) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2300 &:= (1 + (11 + 11)) \times (11 - 1)^{1+1} \\
&:= 2 \times (2 \times ((22+2)^2) - 2) \\
&:= (3/3+3) \times (((3 \times 3+3)^3 - 3)/3) \\
&:= 4^4 + (4^4 \times (4+4) - 4) \\
&:= 5^5 - (55 \times (5+5+5)) \\
&:= (6+6)/6 + ((6 \times (6 \times ((6+6)/6)^6) - 6) \\
&:= (7/7+7 \times 7) \times (7 \times 7 - ((7+7+7)/7)) \\
&:= ((8 \times 8 \times (8 \times 8+8)) - 8)/(8+8)/8 \\
&:= (9/9+99) \times ((99+99+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2301 &:= 1 + ((1 + (11 + 11)) \times (11 - 1)^{1+1}) \\
&:= ((2 \times (22+2))^2) - 2/2 - 2 \\
&:= 33 + (3 \times (3^{3+3} + 3^3)) \\
&:= 4/4 + ((4^4 \times (4+4) - 4) + 4^4) \\
&:= 5^5 + (5/5 - (55 \times (5+5+5))) \\
&:= 6 \times (6 \times 66+6) - 666/6 \\
&:= 7 \times (7 \times 7 \times 7 - 7 - 7) - (7+7)/7 \\
&:= 8 + (((88+8) \times (8+8+8)) - (88/8)) \\
&:= 9 \times 9 + ((99/9+9) \times 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2302 &:= (((1+1) \times ((1+1) \times (1+11)))^{1+1}) - 1 - 1 \\
&:= ((2 \times (22+2))^2) - 2 \\
&:= 3 + (((333+3)/3) + 3 \times 3^{3+3}) \\
&:= 4^4 + (4^4 \times (4+4) - (4+4)/4) \\
&:= 5^5 + ((5+5)/5 - (55 \times (5+5+5))) \\
&:= (6 \times (6 \times ((6+6)/6)^6) - (6+6)/6) \\
&:= 7 \times (7 \times 7 \times 7 - 7 - 7) - 7/7 \\
&:= ((88+8) \times (8+8+8)) - (8+8)/8 \\
&:= (9 \times ((9+9)/9)^{9-9/9}) - (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2303 &:= (((1+1) \times ((1+1) \times (1+11)))^{1+1}) - 1 \\
&:= ((2 \times (22+2))^2) - 2/2 \\
&:= (33/3)^3 + (3^3 \times (33+3)) \\
&:= 4^4 + (4^4 \times (4+4) - 4/4) \\
&:= 5 + (((5+5)/5)^{55/5}) + 5 \times 5 \times (5+5) \\
&:= (6 \times (6 \times ((6+6)/6)^6) - 6/6) \\
&:= 7 \times (7 \times 7 \times 7 - 7 - 7) \\
&:= ((88+8) \times (8+8+8)) - 8/8 \\
&:= 9 + ((9+9) \times 99 + ((9+9)/9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2304 &:= ((1+1) \times ((1+1) \times (1+11)))^{1+1} \\
&:= (2 \times (22+2))^2 \\
&:= (3^3 - 3) \times (3 \times 33 - 3) \\
&:= 4^4 + 4^4 \times (4+4) \\
&:= (55 - ((5+5)/5+5))^{(5+5)/5} \\
&:= 6 \times (6 \times ((6+6)/6)^6) \\
&:= (7 \times 7 - 7/7)^{(7+7)/7} \\
&:= (88+8) \times (8+8+8) \\
&:= 9 \times ((9+9)/9)^{9-9/9}
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2305 &:= 1 + (((1+1) \times ((1+1) \times (1+11)))^{1+1}) \\
&:= 2/2 + ((2 \times (22+2))^2) \\
&:= 3/3 + ((3^3 - 3) \times (3 \times 33 - 3)) \\
&:= 4/4 + (4^4 \times (4+4) + 4^4) \\
&:= 5 + (5^5 - (55 \times (5+5+5))) \\
&:= 6/6 + (6 \times (6 \times ((6+6)/6)^6)) \\
&:= 7/7 + ((7 \times 7 - 7/7)^{(7+7)/7}) \\
&:= 8/8 + ((88+8) \times (8+8+8)) \\
&:= 9/9 + (9 \times ((9+9)/9)^{9-9/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2306 &:= 1 + (1 + (((1+1) \times ((1+1) \times (1+11)))^{1+1})) \\
&:= 2 + ((2 \times (22+2))^2) \\
&:= 3 + ((3^3 \times (33+3)) + (33/3)^3) \\
&:= 4^4 + (4^4 \times (4+4) + (4+4)/4) \\
&:= 5 + ((5/5 - (55 \times (5+5+5))) + 5^5) \\
&:= (6+6)/6 + (6 \times (6 \times ((6+6)/6)^6)) \\
&:= 77 + (((7+7+7)/7)^7 - 7) + 7 \times 7 \\
&:= (8+8)/8 + ((88+8) \times (8+8+8)) \\
&:= (9+9)/9 + (9 \times ((9+9)/9)^{9-9/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2307 &:= 111 + (((1+1+11)^{1+1+1}) - 1) \\
&:= 2 + (((2 \times (22+2))^2) + 2/2) \\
&:= 3 + ((3^3 - 3) \times (3 \times 33 - 3)) \\
&:= 4 + ((4^4 \times (4+4) - 4/4) + 4^4) \\
&:= 5 + (((5+5)/5 - (55 \times (5+5+5))) + 5^5) \\
&:= 6 + (6 \times (6 \times 66+6) - 666/6) \\
&:= 77/7 + (7 \times (7 \times 7 \times 7 - 7 - 7) - 7) \\
&:= 888 + (88 \times (8+8) + 88/8) \\
&:= 9 + (9 \times 9 \times (9+9+9) + 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2308 &:= 111 + ((1+1+11)^{1+1+1}) \\
&:= 2 + (((2 \times (22+2))^2) + 2) \\
&:= (3/3+3) \times (((3 \times 3+3)^3 + 3)/3) \\
&:= 4 + (4^4 \times (4+4) + 4^4) \\
&:= (5+5)/5 \times (((5-5)/5)^5 + 5 \times 5 \times 5) + 5 \\
&:= 6 \times 6 \times 66 - (((6+6)/6) + 66) \\
&:= 7 + (7 \times (7 \times 7 \times 7 - 7 - 7) - ((7+7)/7)) \\
&:= ((8 \times 8 \times (8 \times 8+8)) + 8)/(8+8)/8 \\
&:= 9 + (9 \times 9 \times (9+9+9) + ((999+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2309 &:= ((111-1) \times (11 + (11-1))) - 1 \\
&:= 2 + (((2 \times (22+2))^2) + 2/2) + 2) \\
&:= ((33 \times ((3+3)^3 - (3+3))) - 3)/3 \\
&:= 4 + ((4^4 \times (4+4) + 4^4) + 4/4) \\
&:= 5 + ((55 - ((5+5)/5+5))^{(5+5)/5}) \\
&:= 6 \times 6 \times 66 - (66+6/6) \\
&:= 7 + (7 \times (7 \times 7 \times 7 - 7 - 7) - 7/7) \\
&:= 8 + (((88+8) \times (8+8+8)) - (88/8) + 8) \\
&:= 9 + ((9/9+99) \times ((99+99+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2310 &:= (111-1) \times (11 + (11-1)) \\
&:= 2 + (((2 \times (22+2))^2) + 2) + 2) \\
&:= 33 \times (((3/3+3)^3 + 3) + 3) \\
&:= 4 + ((4^4 \times (4+4) + (4+4)/4) + 4^4) \\
&:= 55 \times (((5+5)/5)^5 + 5) + 5) \\
&:= 66 \times (6 \times 6 - 6/6) \\
&:= 7 + 7 \times (7 \times 7 \times 7 - 7 - 7) \\
&:= 8 + (((88+8) \times (8+8+8)) - ((8+8)/8)) \\
&:= 99/9 \times (999/9+99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2311 &:= 1 + ((111 - 1) \times (11 + (11 - 1))) \\
&:= (2 \times (2 \times ((22 + 2)^2) + 2)) - 2/2 \\
&:= ((33 \times ((3 + 3)^3 - (3 + 3))) + 3)/3 \\
&:= 4 + (((4^4 \times (4 + 4) - 4/4) + 4^4) + 4) \\
&:= 5^5 + (55/5 - (55 \times (5 + 5 + 5))) \\
&:= 6/6 + (66 \times (6 \times 6 - 6/6)) \\
&:= 7 + ((7 \times 7 - 7/7)^{(7+7)/7}) \\
&:= 8 + (((88 + 8) \times (8 + 8 + 8)) - 8/8) \\
&:= ((9 \times 9 - 9/9) \times (99/9 + 9 + 9)) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2312 &:= (1 + 1) \times ((1 + 11 \times (1 + 1 + 1))^{1+1}) \\
&:= 2 \times (2 \times ((22 + 2)^2) + 2) \\
&:= 3 \times 3^{3+3} + ((3 - 3/3 + 3)^3) \\
&:= 4 + ((4^4 \times (4 + 4) + 4^4) + 4) \\
&:= 5^5 + (((55 + 5)/5) - (55 \times (5 + 5 + 5))) \\
&:= 6 \times 6 \times 66 - ((6 + 6)/6)^6 \\
&:= 7 + (((7 \times 7 - 7/7)^{(7+7)/7}) + 7/7) \\
&:= 8 + ((88 + 8) \times (8 + 8 + 8)) \\
&:= 9 + (((9 + 9) \times 99 + ((9 + 9)/9)^9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2313 &:= 1 + ((1 + 1) \times ((1 + 11 \times (1 + 1 + 1))^{1+1})) \\
&:= 2/2 + (2 \times (2 \times ((22 + 2)^2) + 2)) \\
&:= 3 \times ((3^{3+3} + 33) + 3 \times 3) \\
&:= (4/4 + 4 + 4) \times (4/4 + 4^4) \\
&:= 5 \times 5 + (55/5 \times ((5^5 - 5)/(5 + 5 + 5))) \\
&:= 6/6 + (6 \times 6 \times 66 - ((6 + 6)/6)^6) \\
&:= 77 + (((7 + 7 + 7)/7)^7 + 7 \times 7) \\
&:= 8 + (((88 + 8) \times (8 + 8 + 8)) + 8/8) \\
&:= 9 + (9 \times ((9 + 9)/9)^{9-9/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2314 &:= (1 + 1) \times (1 + ((1 + 11 \times (1 + 1 + 1))^{1+1})) \\
&:= 2 + (2 \times (2 \times ((22 + 2)^2) + 2)) \\
&:= 3 + (((33 \times ((3 + 3)^3 - (3 + 3))) + 3)/3) \\
&:= 4/4 + ((4/4 + 4 + 4) \times (4/4 + 4^4)) \\
&:= 5 + (55 - (5 + 5)/5 + 5)^{(5+5)/5} + 5 \\
&:= 6 + (6 \times 6 \times 66 - ((6 + 6)/6) + 66) \\
&:= 77/7 + 7 \times (7 \times 7 \times 7 - 7 - 7) \\
&:= 8 + (((88 + 8) \times (8 + 8 + 8)) + ((8 + 8)/8)) \\
&:= 9 + ((9 \times ((9 + 9)/9)^{9-9/9}) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2315 &:= 11 + (((1 + 1) \times ((1 + 1) \times (1 + 11)))^{1+1}) \\
&:= 22/2 + ((2 \times (22 + 2))^2) \\
&:= 3 + (((3 - 3/3 + 3)^3) + 3 \times 3^{3+3}) \\
&:= 4^4 + (4^4 \times (4 + 4) + 44/4) \\
&:= 5 + (55 \times (((5 + 5)/5)^5 + 5 + 5)) \\
&:= 6 + (6 \times 6 \times 66 - (66 + 6/6)) \\
&:= ((7 + 7)/7)^7 + ((7 + 7 + 7)/7)^7 \\
&:= 88/8 + ((88 + 8) \times (8 + 8 + 8)) \\
&:= 99/9 + (9 \times ((9 + 9)/9)^{9-9/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2316 &:= 1 + (11 + (((1 + 1) \times ((1 + 1) \times (1 + 11)))^{1+1})) \\
&:= 2 \times (2 \times ((22 + 2)^2) + 2) \\
&:= 3 + ((3 \times (3^{3+3} + 33)) + 3^3) \\
&:= ((4 + 4)^4) - (4 \times 444 + 4) \\
&:= (5 - 5/5) \times ((555 - 5/5) + 5 \times 5) \\
&:= 6 + (66 \times (6 \times 6 - 6/6)) \\
&:= 7 \times 7 \times 7 \times 7 - (7/7 + 77 + 7) \\
&:= 8 + (((8 \times 8 \times (8 \times 8 + 8)) + 8)/(8 + 8)/8) \\
&:= 9 + ((9 \times 9 \times (9 + 9 + 9) + 999/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2317 &:= 11^{1+1} + (((1 + 1 + 11)^{1+1+1}) - 1) \\
&:= 2 + (((2 \times (22 + 2))^2) + 22/2) \\
&:= ((3/3 + 3) + 3) \times ((333 - 3) + 3/3) \\
&:= 4 + ((4/4 + 4 + 4) \times (4/4 + 4^4)) \\
&:= ((5 + 5)/5 + 5) \times ((5 \times 55 + 55) + 5/5) \\
&:= 6 + ((66 \times (6 \times 6 - 6/6)) + 6/6) \\
&:= 7 \times 7 \times 7 \times 7 - 77 - 7 \\
&:= (88 + 8 + 8)/8 + ((88 + 8) \times (8 + 8 + 8)) \\
&:= 9 + ((9 \times 9 \times (9 + 9 + 9) + (999 + 9)/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2318 &:= 11^{1+1} + ((1 + 1 + 11)^{1+1+1}) \\
&:= 2 + (2 \times (2 \times ((22 + 2)^2) + 2) + 2) \\
&:= 33 + ((3 \times (3^{3+3} + 33)) - 3/3) \\
&:= ((4 + 4)^4) - (4 \times 444 + (4 + 4)/4) \\
&:= 5 \times 55 + (((5 + 5)/5)^{55/5} - 5) \\
&:= 6 + (6 \times 6 \times 66 - ((6 + 6)/6)^6) \\
&:= 7 + (((7 \times 7 - 7/7)^{(7+7)/7}) + 7) \\
&:= (88/8 + 8) \times ((888 + 88)/8) \\
&:= (9/9 + 9 + 9) \times (999 + 99)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2319 &:= (111 \times (11 + (11 - 1))) - 1 - 11 \\
&:= 2 + (((2 \times (22 + 2))^2) + 22/2) + 2) \\
&:= 33 + (3 \times (3^{3+3} + 33)) \\
&:= ((4 + 4)^4) - (4 \times 444 + 4/4) \\
&:= 5555 - (555/5 + 5^5) \\
&:= 6 + ((6 \times 6 \times 66 - ((6 + 6)/6)^6) + 6/6) \\
&:= (7 + 7)/7 + (7 \times 7 \times 7 \times 7 - (77 + 7)) \\
&:= 8 + (((88 + 8) \times (8 + 8 + 8)) - 8/8) + 8) \\
&:= 9 + ((99/9) \times (999/9 + 99))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2320 &:= (11 - 1) \times (111 + 11^{1+1}) \\
&:= 2 \times (2 \times (((22 + 2)^2) + 2) + 2) \\
&:= 3/3 + ((3 \times (3^{3+3} + 33)) + 33) \\
&:= 4 \times (4 \times 4^4 - 444) \\
&:= (5 - 5/5) \times (555 + 5 \times 5) \\
&:= 6 \times 6 \times 66 + (((66 - 6)/6) - 66) \\
&:= 7 + (((7 + 7 + 7)/7)^7 + 77) + 7 \times 7) \\
&:= 8 + (((88 + 8) \times (8 + 8 + 8)) + 8) \\
&:= (9 \times 9 - 9/9) \times (99/9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2321 &:= 11 \times ((1 + 1) \times 111 - 11) \\
&:= 22/2 \times (222 - 22/2) \\
&:= (33/3)^3 + (3 \times (333 - 3)) \\
&:= 4/4 + (4 \times (4 \times 4^4 - 444)) \\
&:= 5/5 + ((5 - 5/5) \times (555 + 5 \times 5)) \\
&:= 66/6 + (66 \times (6 \times 6 - 6/6)) \\
&:= 7 + (7 \times (7 \times 7 \times 7 - 7 - 7) + (77/7)) \\
&:= 8 + (((88 + 8) \times (8 + 8 + 8)) + 8/8) + 8) \\
&:= 99 + (((9 + 9)/9) \times 9999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2322 &:= 1 + (11 \times ((1 + 1) \times 111 - 11)) \\
&:= 2 + (((2 \times (22 + 2))^2) + 2^{2+2}) \\
&:= 3 + ((3 \times (3^{3+3} + 33)) + 33) \\
&:= (4/4 + 4 + 4) \times ((4 + 4)/4 + 4^4) \\
&:= (55 - 5/5) \times (55 - ((55 + 5)/5)) \\
&:= 6 + ((66 \times (6 \times 6 - 6/6)) + 6) \\
&:= 7 \times 7 \times 7 \times 7 - ((7 + 7)/7 + 77) \\
&:= (8/8 + 8) \times ((8 + 8) \times (8 + 8) + ((8 + 8)/8)) \\
&:= (9 + 9) \times ((999/9 + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2323 &:= 1 + (1 + (11 \times ((1 + 1) \times 111 - 11))) \\
&:= 2 + (22/2 \times (222 - 22/2)) \\
&:= 3 + (((3 \times (3^{3+3} + 33)) + 33) + 3/3) \\
&:= (4 \times ((4/4 + 4)^4 - 44)) - 4/4 \\
&:= 5 \times 55 + (((5 + 5)/5)^{55/5}) \\
&:= 6 \times (6 \times 66 - 6) - (66/6 + 6) \\
&:= 7 \times 7 \times 7 \times 7 - 7/7 - 77 \\
&:= 8 + (((88 + 8) \times (8 + 8 + 8)) + (88/8)) \\
&:= 9/9 + ((9 + 9) \times ((999/9 + 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2324 &:= 1 + (1 + (1 + (11 \times ((1 + 1) \times 111 - 11)))) \\
&:= 22 + (((2 \times (22 + 2))^2) - 2) \\
&:= ((3/3 + 3) + 3) \times (333 - 3/3) \\
&:= 4 \times ((4/4 + 4)^4 - 44) \\
&:= 5^5 - ((5 \times (5 \times ((5 + 5)/5)^5)) + 5/5) \\
&:= 6 + ((6 \times 6 \times 66 - ((6 + 6)/6)^6) + 6) \\
&:= 7 \times 7 \times 7 \times 7 - 77 \\
&:= 8 + (((8 \times 8 \times (8 \times 8 + 8)) + 8)/(8 + 8)/8) + 8) \\
&:= ((9/9 + 9 + 9) + 9) \times ((9 + 9)/9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2325 &:= 1 + (1 + (1 + (1 + (11 \times ((1 + 1) \times 111 - 11)))))) \\
&:= 22 + (((2 \times (22 + 2))^2) - 2/2) \\
&:= 3333 - (3 \times (333 + 3)) \\
&:= 4/4 + (4 \times ((4/4 + 4)^4 - 44)) \\
&:= 5^5 - (5 \times (5 \times ((5 + 5)/5)^5)) \\
&:= ((6/6 + 6) \times 666 \times 6/(6 + 6)) - 6 \\
&:= 7/7 + (7 \times 7 \times 7 \times 7 - 77) \\
&:= 8 \times 8 + ((88/8 + 8) \times (888/8 + 8)) \\
&:= 999/9 + (9 + 9 + 9) \times (9/9 + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2326 &:= 11 + (11 + (((1+1) \times ((1+1) \times (1+11)))^{1+1})) \\
&:= 22 + ((2 \times (22+2))^2) \\
&:= 3^3 + (((333+3)/3) + 3 \times 3^{3+3}) \\
&:= 4 + ((4/4+4+4) \times ((4+4)/4+4^4)) \\
&:= 5^5 + (5/5 - (5 \times (5 \times ((5+5)/5)^5)) \\
&:= 6 \times (6 \times 66 - 6) - ((6+6)/6+6+6) \\
&:= (7+7)/7 + (7 \times 7 \times 7 \times 7 - 77) \\
&:= 8 + ((88/8+8) \times ((888+88)/8)) \\
&:= (9+9) \times 99 + (((99 \times 99) - 9)/(9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2327 &:= 111 + ((1+1) \times (1111 - (1+1+1))) \\
&:= 22 + (((2 \times (22+2))^2) + 2/2) \\
&:= 3 \times 333 + ((33/3)^3 - 3) \\
&:= (((44 \times (4^4 - 44)) - 4)/4) - 4 \\
&:= 5^5 - (((5 - (5+5)/5)^5) + 555) \\
&:= 6 \times (6 \times 66 - 6) - (6/6+6+6) \\
&:= 7 \times 7 \times 7 \times 7 + (((7+7+7)/7) - 77) \\
&:= 8888 - ((88/8 - 8)^8) \\
&:= 9 + ((9/9+9+9) \times (999+99)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2328 &:= (111 \times (11 + (11 - 1))) - 1 - 1 - 1 \\
&:= 2 + (((2 \times (22+2))^2) + 22) \\
&:= (333 \times ((3/3+3) + 3)) - 3 \\
&:= 4 + (4 \times ((4/4+4)^4 - 44)) \\
&:= 5 + (((5+5)/5)^{55/5} + 5 \times 55) \\
&:= 6 \times (6 \times 66 - 6) - 6 - 6 \\
&:= ((7+7+7)/7) \times (777 - 7/7) \\
&:= (8+8+8) \times ((8/8+88) + 8) \\
&:= 9 + (((99/9) \times (999/9+99)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2329 &:= (111 \times (11 + (11 - 1))) - 1 - 1 \\
&:= (222/2 \times (22 - 2/2)) - 2 \\
&:= 3/3 + ((333 \times ((3/3+3) + 3)) - 3) \\
&:= (((44 \times (4^4 - 44)) + 4)/4) - 4 \\
&:= 5 + (((5+5) \times (5 \times 5 \times 5 + 5)) + (5 - 5/5)^5) \\
&:= 6 \times (6 \times 66 - 6) - 66/6 \\
&:= 7 + (7 \times 7 \times 7 \times 7 - ((7+7)/7 + 77)) \\
&:= 8/8 + ((8+8+8) \times ((8/8+88) + 8)) \\
&:= 9 + ((9 \times 9 - 9/9) \times (99/9+9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2330 &:= (111 \times (11 + (11 - 1))) - 1 \\
&:= 2 + (((2 \times (22+2))^2) + 22) + 2 \\
&:= 3 \times 333 + (33/3)^3 \\
&:= ((44 \times (4^4 - 44)) - (4+4))/4 \\
&:= 5 + (5^5 - (5 \times (5 \times ((5+5)/5)^5))) \\
&:= (6 - 66)/6 + 6 \times (6 \times 66 - 6) \\
&:= 7 + (7 \times 7 \times 7 \times 7 - (7/7 + 77)) \\
&:= 8 + ((8/8+8) \times ((8+8) \times (8+8) + ((8+8)/8))) \\
&:= 999 + (99/9)^{(9+9+9)/9}
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2331 &:= 111 \times (11 + (11 - 1)) \\
&:= 222/2 \times (22 - 2/2) \\
&:= 333 \times ((3/3+3) + 3) \\
&:= ((44 \times (4^4 - 44)) - 4)/4 \\
&:= 555/5 \times ((55/5+5) + 5) \\
&:= (6/6+6) \times 666 \times 6/(6+6) \\
&:= 7 + (7 \times 7 \times 7 \times 7 - 77) \\
&:= (8 \times 8 - 8/8) \times 888/(8+8+8) \\
&:= 9 \times (9 \times (9+9) + 99) - (9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2332 &:= 1 + (111 \times (11 + (11 - 1))) \\
&:= 22 \times ((2 \times 2 \times (22+2+2)) + 2) \\
&:= 3/3 + (333 \times ((3/3+3) + 3)) \\
&:= 44 \times (4^4 - 44)/4 \\
&:= (5+5)/5 \times (5555/5+55) \\
&:= 6 \times (6 \times 66 - 6) - ((6+6)/6+6) \\
&:= 7 + (7 \times 7 \times 7 \times 7 - 77 + 7/7) \\
&:= (88/((8+8)/8)) \times (8 \times 8 - 88/8) \\
&:= 9/9 + (9 \times (9 \times (9+9) + 99) - (9+9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2333 &:= 111 + ((1+1) \times 1111) \\
&:= 222/2 + 2222 \\
&:= 3 + (3 \times 333 + (33/3)^3) \\
&:= ((44 \times (4^4 - 44)) + 4)/4 \\
&:= 5 + (((5+5)/5)^{55/5} + 5 \times 55) + 5 \\
&:= 6 \times (6 \times 66 - 6) - 6/6 - 6 \\
&:= 7 + ((7 \times 7 \times 7 \times 7 - 77) + ((7+7)/7)) \\
&:= ((8+8) \times (8 \times 8 + 88)) - (88/8+88) \\
&:= 9 + (((9/9+9+9) + 9) \times (((9+9)/9) + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2334 &:= 1 + (111 + ((1+1) \times 1111)) \\
&:= 22 + (2 \times (2 \times ((22+2)^2) + 2)) \\
&:= 3 + (333 \times ((3/3+3) + 3)) \\
&:= (((44 \times (4^4 - 44)) + 4) + 4)/4 \\
&:= 5^5 - ((555+5^5)/5+55) \\
&:= 6 \times (6 \times 66 - 6) - 6 \\
&:= 7 \times (7+7+7) + ((7+7+7)/7)^7 \\
&:= ((8+8)/8) \times ((8888/8 - 8) + 8 \times 8) \\
&:= (9999/((9+9+9)/9)) - 999
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2335 &:= 111 + ((1+1) \times (1 + 1111)) \\
&:= 2 + (222/2 + 2222) \\
&:= 3 + ((333 \times ((3/3+3) + 3)) + 3/3) \\
&:= 4 + (((44 \times (4^4 - 44)) - 4)/4) \\
&:= 5 + ((5^5 - (5 \times (5 \times ((5+5)/5)^5))) + 5) \\
&:= 6/6 + (6 \times (6 \times 66 - 6) - 6) \\
&:= 77/7 + (7 \times 7 \times 7 \times 7 - 77) \\
&:= 8 + (8888 - ((88/8 - 8)^8)) \\
&:= 9 + (((99 \times 99) - 9)/(9+9)) + (9+9) \times 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2336 &:= 1 + (111 + ((1+1) \times (1 + 1111))) \\
&:= (2 \times 22)^2 + (22 - 2)^2 \\
&:= (33 - 3/3) \times (((3+3)^3 + 3)/3) \\
&:= 4^4 + (4+4) \times (4^4 + 4) \\
&:= 5 + (555/5 \times ((55/5+5) + 5)) \\
&:= (6+6)/6 + (6 \times (6 \times 66 - 6) - 6) \\
&:= (7/7+7) \times (7 \times (7 \times 7 - 7) - ((7+7)/7)) \\
&:= 8 + ((8+8+8) \times ((8/8+88) + 8)) \\
&:= 9 \times (9 \times (9+9) + 99) - ((99+9+9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2337 &:= 111 + ((1+1) \times (1 + (1 + 1111))) \\
&:= 2 + 222/2 + 2222 + 2 \\
&:= ((3^3 + 3) \times (3 \times 3^3 - 3)) - 3 \\
&:= (((4 - 4/4) + 4)^4) - 4 \times 4 \times 4 \\
&:= 5 + ((5+5)/5 \times (5555/5+55)) \\
&:= 6 \times (6 \times 66 - 6) - 6 \times 6/(6+6) \\
&:= 7 \times (7 \times 7 \times 7 - 7) - (7/7+7+7) \\
&:= ((8 - 8/8)^{8 \times 8/(8+8)}) - 8 \times 8 \\
&:= 9 \times (9 \times (9+9) + 99) - (99+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2338 &:= 1 + (111 + ((1+1) \times (1 + (1 + 1111)))) \\
&:= 222 + (2 \times 22 + 2)^2 \\
&:= ((3/3+3) + 3) \times (333 + 3/3) \\
&:= ((4 - 4^4)/4) + (((4 - 4/4) + 4)^4) \\
&:= (5+5)/5 \times (((5^5 - 55)/5) + 555) \\
&:= 6 \times (6 \times 66 - 6) - (6+6)/6 \\
&:= 7 \times (7 \times 7 \times 7 - 7) - (7+7) \\
&:= 8/8 + (((8 - 8/8)^{8 \times 8/(8+8)}) - 8 \times 8) \\
&:= 9 \times (9 \times (9+9) + 99) - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2339 &:= 111 + ((1+1) \times (1 + (1 + (1 + 1111)))) \\
&:= 2/2 + ((2 \times 22 + 2)^2 + 222) \\
&:= (33/3)^3 + (3 \times (333 + 3)) \\
&:= (4^4 + 4) \times (4/4 + 4 + 4) - 4/4 \\
&:= 5^5 + (((5^5 - 5/5)/(5/5 - 5)) - 5) \\
&:= 6 \times (6 \times 66 - 6) - 6/6 \\
&:= 7/7 + (7 \times (7 \times 7 \times 7 - 7) - (7+7)) \\
&:= 8 + ((8 \times 8 - 8/8) \times 888/(8+8+8)) \\
&:= 9 \times (9 \times (9+9) + 99) - 9/9 - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2340 &:= (11 - 1) \times (1 + (11 + (1 + 1) \times 111)) \\
&:= 2 + ((2 \times 22 + 2)^2 + 222) \\
&:= (3^3 + 3) \times (3 \times 3^3 - 3) \\
&:= (4^4 + 4) \times (4/4 + 4 + 4) \\
&:= 5^5 + (((5^5 - 5)/(5/5 - 5)) - 5) \\
&:= 6 \times (6 \times 66 - 6) \\
&:= 7 \times (7 \times 7 \times 7 - 7) - (77 + 7)/7 \\
&:= (8/8+8) \times ((8 \times 8 \times 8 + 8)/(8+8)/8) \\
&:= 9 \times (9 \times (9+9) + 99) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2341 &:= 11 + ((111 \times (11 + (11 - 1))) - 1) \\
&:= (22/2)^2 + (2222 - 2) \\
&:= 3/3 + ((3^3 + 3) \times (3 \times 3^3 - 3)) \\
&:= 4 + (((4 - 4/4) + 4^4) - 4 \times 4 \times 4) \\
&:= 5^5 + ((55/5 + 5^5)/(5/5 - 5)) \\
&:= 6/6 + 6 \times (6 \times 66 - 6) \\
&:= 7 \times (7 \times 7 \times 7 - 7) - 77/7 \\
&:= ((88 - 8/8) \times (88/8 + 8 + 8)) - 8 \\
&:= 9/9 + (9 \times (9 \times (9 + 9) + 99) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2342 &:= 11 + (111 \times (11 + (11 - 1))) \\
&:= 2 + (((2 \times 22 + 2)^2 + 222) + 2) \\
&:= ((33 \times ((3 + 3)^3 - 3)) - 3)/3 \\
&:= 4 + (((4 - 4/4) + 4^4) + ((4 - 4^4)/4)) \\
&:= 5^5 + (((5 + 5)/5 + 5^5) + 5)/(5/5 - 5) \\
&:= (6 + 6)/6 + 6 \times (6 \times 66 - 6) \\
&:= ((7 - 77)/7) + 7 \times (7 \times 7 \times 7 - 7) \\
&:= ((8 + 8) \times (8 \times 8 + 88)) - ((8 + 8)/8 + 88) \\
&:= (9 + 9)/9 + (9 \times (9 \times (9 + 9) + 99) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2343 &:= 11 \times (((1 + 1) \times (1 + 111)) - 11) \\
&:= (22/2)^2 + 2222 \\
&:= 33 \times (((3 + 3)^3 - 3)/3) \\
&:= 44/4 \times ((4/4 - 44) + 4^4) \\
&:= 55/5 \times (((5^5 - 5)/5 + 5 + 5) + 5) \\
&:= (6 \times 6)/(6 + 6) + 6 \times (6 \times 66 - 6) \\
&:= 7 \times (7 \times 7 \times 7 - 7) - ((7 + 7)/7 + 7) \\
&:= ((8 + 8) \times (8 \times 8 + 88)) - (8/8 + 88) \\
&:= 99/9 \times ((9 + 9) \times (9 + 9) - 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2344 &:= 1 + (11 \times (((1 + 1) \times (1 + 111)) - 11)) \\
&:= 2 \times (((2 \times ((2 + 2)^2)) - 2) + 22) \\
&:= ((33 \times ((3 + 3)^3 - 3)) + 3)/3 \\
&:= 4 + (4^4 + 4) \times (4/4 + 4 + 4) \\
&:= 5^5 + ((5^5 - 5/5)/(5/5 - 5)) \\
&:= 6 + (6 \times (6 \times 66 - 6) - ((6 + 6)/6)) \\
&:= 7 \times (7 \times 7 \times 7 - 7) - (7/7 + 7) \\
&:= ((8 + 8) \times (8 \times 8 + 88)) - 88 \\
&:= ((9 - 99)/(9 + 9)) + 9 \times (9 \times (9 + 9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2345 &:= 11^{1+1} + ((1 + 1) \times (1 + 1111)) \\
&:= 2 + ((22/2)^2 + 2222) \\
&:= 3 + (((33 \times ((3 + 3)^3 - 3)) - 3)/3) \\
&:= 4 + (((4 - 4/4) + 4^4) - 4 \times 4 \times 4) + 4) \\
&:= 5 \times ((5 - 5/5)^5 - 555) \\
&:= 6 + (6 \times (6 \times 66 - 6) - 6/6) \\
&:= 7 \times (7 \times 7 \times 7 - 7) - 7 \\
&:= 8 + (((8 - 8/8)^{8 \times 8/(8+8)}) - 8 \times 8) \\
&:= (9 - ((9 + 9)/9)) \times ((9 + 9) \times (9 + 9) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2346 &:= 1 + (11^{1+1} + ((1 + 1) \times (1 + 1111))) \\
&:= 2 \times 22 + (((2 \times (22 + 2))^2) - 2) \\
&:= 3 + (33 \times (((3 + 3)^3 - 3)/3)) \\
&:= (((4 - 4/4) + 4^4) - 44/4 - 44) \\
&:= (((5 + 5)/5 + 5)^{5-5/5}) - 55 \\
&:= 6 + 6 \times (6 \times 66 - 6) \\
&:= 7/7 + (7 \times (7 \times 7 \times 7 - 7) - 7) \\
&:= (8 + 8)/8 + (((8 + 8) \times (8 \times 8 + 88)) - 88) \\
&:= 9 \times (9 \times (9 + 9) + 99) - (9 + 9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2347 &:= 11^{1+1} + ((1 + 1) \times (1 + (1 + 1111))) \\
&:= 2 + (((22/2)^2 + 2222) + 2) \\
&:= 3 + (((33 \times ((3 + 3)^3 - 3)) + 3)/3) \\
&:= 4 + (44/4 \times ((4/4 - 44) + 4^4)) \\
&:= 5^5 + (((5^5 - 5)/(5/5 - 5)) + ((5 + 5)/5)) \\
&:= 6 + (6 \times (6 \times 66 - 6) + 6/6) \\
&:= (7 + 7)/7 + (7 \times (7 \times 7 \times 7 - 7) - 7) \\
&:= ((8 \times (8 - 888)) - 8/8)/(8 - 88/8) \\
&:= 9 \times (9 \times (9 + 9) + 99) - (9 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2348 &:= (1 + 1)^{11} + ((1 + 1 + 1) \times (11 - 1)^{1+1}) \\
&:= 2 \times ((2 \times ((22 + 2)^2)) + 22) \\
&:= (3^3 \times (3 \times 3^3 + 3 + 3)) - 3/3 \\
&:= 44 + (4^4 \times (4 + 4) + 4^4) \\
&:= 5^5 - (((5 + 5)/5 + 5) \times 555/5) \\
&:= 6 + (6 \times (6 \times 66 - 6) + ((6 + 6)/6)) \\
&:= 7 + (7 \times (7 \times 7 \times 7 - 7) - (77/7)) \\
&:= ((8 \times 8 \times (8 \times 8 + 8)) + 88)/((8 + 8)/8) \\
&:= 9 \times (9 \times (9 + 9) + 99) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2349 &:= ((1 + 111) \times (11 + (11 - 1))) - 1 - 1 - 1 \\
&:= 2/2 + (((2 \times (22 + 2))^2) + 2 \times 22) \\
&:= 3^3 \times (3 \times 3^3 + 3 + 3) \\
&:= (4/4 + 4 + 4) \times ((4/4 + 4^4) + 4) \\
&:= 5 + (((5^5 - 5/5)/(5/5 - 5)) + 5^5) \\
&:= 6 + (6 \times (6 \times 66 - 6) + (6 \times 6/(6 + 6))) \\
&:= 7 \times (7 \times 7 \times 7 - 7) - (7 + 7 + 7)/7 \\
&:= (88 - 8/8) \times (88/8 + 8 + 8) \\
&:= 9 \times (9 \times (9 + 9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2350 &:= (11 - 1) \times (11 + ((1 + 1) \times (1 + 1111))) \\
&:= 2 + (((2 \times (22 + 2))^2) + 2 \times 22) \\
&:= 3/3 + (3^3 \times (3 \times 3^3 + 3 + 3)) \\
&:= (4444 + 4^4)/((4 + 4)/4) \\
&:= 5 \times ((5 \times (5 \times (5 \times 5 - 5) - 5)) - 5) \\
&:= ((66 - 6)/6) + 6 \times (6 \times 66 - 6) \\
&:= 7 \times (7 \times 7 \times 7 - 7) - (7 + 7)/7 \\
&:= ((8 + 8)/8) \times (8888/8 + 8 \times 8) \\
&:= 9/9 + 9 \times (9 \times (9 + 9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2351 &:= ((1 + 111) \times (11 + (11 - 1))) - 1 \\
&:= 2222 + ((2^{2 \times (2+2)} + 2)/2) \\
&:= (((3 \times 3^3 + 3)^{3-3/3}) - 3)/3 \\
&:= 44/4 + (4^4 + 4) \times (4/4 + 4 + 4) \\
&:= 5 + (((5 + 5)/5 + 5)^{5-5/5}) - 55 \\
&:= 66/6 + 6 \times (6 \times 66 - 6) \\
&:= 7 \times (7 \times 7 \times 7 - 7) - 7/7 \\
&:= 8 + (((8 + 8) \times (8 \times 8 + 88)) - (8/8 + 88)) \\
&:= (9 + 9)/9 + 9 \times (9 \times (9 + 9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2352 &:= (1 + 111) \times (11 + (11 - 1)) \\
&:= 2 \times (((2 \times ((22 + 2)^2)) + 22) + 2) \\
&:= 3 + (3^3 \times (3 \times 3^3 + 3 + 3)) \\
&:= ((4 + 4) + 4) \times ((4 \times (44 + 4)) + 4) \\
&:= (55 + 5/5) \times (((5 + 5)/5)^5 + 5) + 5) \\
&:= 6 + (6 \times (6 \times 66 - 6) + 6) \\
&:= 7 \times (7 \times 7 \times 7 - 7) \\
&:= 8 + (((8 + 8) \times (8 \times 8 + 88)) - 88) \\
&:= ((9 + 9 + 9)/9) + 9 \times (9 \times (9 + 9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2353 &:= 1 + ((1 + 111) \times (11 + (11 - 1))) \\
&:= 22 + (222/2 \times (22 - 2/2)) \\
&:= (((3 \times 3^3 + 3)^{3-3/3}) + 3)/3 \\
&:= (((4 - 4/4) + 4^4) - (44 + 4)) \\
&:= 5 + (((5 + 5)/5)^{55/5}) + (5 \times (55 + 5)) \\
&:= 6 + ((6 \times (6 \times 66 - 6) + 6/6) + 6) \\
&:= 7/7 + 7 \times (7 \times 7 \times 7 - 7) \\
&:= 8 + (((8 - 8/8)^{8 \times 8/(8+8)}) - 8 \times 8) + 8) \\
&:= ((9 \times 9 - 9)/(9 + 9)) + 9 \times (9 \times (9 + 9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2354 &:= 1 + (1 + ((1 + 111) \times (11 + (11 - 1)))) \\
&:= 22 \times (222/2 - (2 + 2)) \\
&:= 33/3 \times (((3 + 3)^3 - 3) + 3/3) \\
&:= 4 + ((4444 + 4^4)/((4 + 4)/4)) \\
&:= 5 + (((5^5 - 5/5)/(5/5 - 5)) + 5^5) + 5) \\
&:= 66/6 \times (6 \times 6 \times 6 - (6 + 6)/6) \\
&:= (7 + 7)/7 + 7 \times (7 \times 7 \times 7 - 7) \\
&:= 88/8 \times ((8 \times (8 + 8) - ((8 + 8)/8)) + 88) \\
&:= ((99 - 9/9) + 9) \times ((99 + 99)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2355 &:= 11^{1+1+1} + (1 + 1)^{11-1} \\
&:= 22 + (222/2 + 2222) \\
&:= 3 + ((3^3 \times (3 \times 3^3 + 3 + 3)) + 3) \\
&:= 4 \times 4^4 + ((44/4)^{4-4/4}) \\
&:= 5 + (5 \times ((5 \times (5 \times (5 \times 5 - 5) - 5)) - 5)) \\
&:= 6 \times 6 \times 66 + ((6 - (66 + 66))/6) \\
&:= (7 + 7 + 7)/7 + 7 \times (7 \times 7 \times 7 - 7) \\
&:= 88/8 + (((8 + 8) \times (8 \times 8 + 88)) - 88) \\
&:= 9 + (9 \times (9 \times (9 + 9) + 99) - ((9 + 9 + 9)/9))
\end{aligned}$$

- ▶ 2356 := $1 + (11^{1+1+1} + (1+1)^{11-1})$
:= $2 + (22 \times (222/2 - (2+2)))$
:= $3 + (((3 \times 3^3 + 3)^{3-3/3} + 3)/3)$
:= $((4+4) \times (44+4^4)) - 44$
:= $(5-5/5) \times (((5^5-55)/5) - 5 \times 5)$
:= $6 + (6 \times (6 \times 66 - 6) + ((66-6)/6))$
:= $77/7 + (7 \times (7 \times 7 \times 7 - 7) - 7)$
:= $8 + (((8 \times 8 \times (8 \times 8 + 8)) + 88)/(8+8)/8)$
:= $9 + (9 \times (9 \times (9+9) + 99) - ((9+9)/9))$
- ▶ 2357 := $1 + (1 + (11^{1+1+1} + (1+1)^{11-1}))$
:= $(22^2 - 2)/2 + (2 \times 22 + 2)^2$
:= $3 + (33/3 \times (((3+3)^3 - 3) + 3/3))$
:= $((4-4/4) + 4)^4 - 44$
:= $5^5 + (((5+5)/5)^5 \times (5/5 - 5 \times 5))$
:= $6 + (6 \times (6 \times 66 - 6) + (66/6))$
:= $7 + (7 \times (7 \times 7 \times 7 - 7) - ((7+7)/7))$
:= $8 + ((88-8/8) \times (88/8 + 8 + 8))$
:= $9 + (9 \times (9 \times (9+9) + 99) - 9/9)$
- ▶ 2358 := $(1+1) \times ((11-1-1) \times ((11 \times (1+11)) - 1))$
:= $22^2/2 + (2 \times 22 + 2)^2$
:= $3 \times ((33 \times (3^3 - 3)) - (3+3))$
:= $4/4 + (((4-4/4) + 4)^4) - 44$
:= $(5+5)/5 \times ((5^5-5)/5 + 555)$
:= $6 \times 6 \times 66 - 6 - 6 - 6$
:= $7 + (7 \times (7 \times 7 \times 7 - 7) - 7/7)$
:= $8 + (((8+8)/8) \times (8888/8 + 8 \times 8))$
:= $9 + 9 \times (9 \times (9+9) + 99)$
- ▶ 2359 := $1 + ((1+1) \times ((11-1-1) \times ((11 \times (1+11)) - 1)))$
:= $(22^2 + 2)/2 + (2 \times 22 + 2)^2$
:= $3/3 + (3 \times ((33 \times (3^3 - 3)) - (3+3)))$
:= $4 + (((44/4)^{4-4/4}) + 4 \times 4^4)$
:= $55 + ((55 - ((5+5)/5 + 5))^{(5+5)/5})$
:= $6 \times 6 \times 66 - (66/6 + 6)$
:= $7 + 7 \times (7 \times 7 \times 7 - 7)$
:= $8 \times 8 + ((88 \times (8+8) - 8/8) + 888)$
:= $9 + (9 \times (9 \times (9+9) + 99) + 9/9)$
- ▶ 2360 := $(1+1) \times ((11-1) \times (11^{1+1} - (1+1+1)))$
:= $2 + ((2 \times 22 + 2)^2 + 22^2/2)$
:= $33/3 + (3^3 \times (3 \times 3^3 + 3 + 3))$
:= $(44-4) \times (((4^4-4)/4) - 4)$
:= $(5+5) \times (555/5 + 5 \times 5 \times 5)$
:= $(6-66)/6 + (6 \times 6 \times 66 - 6)$
:= $7 + (7 \times (7 \times 7 \times 7 - 7) + 7/7)$
:= $8 \times 8 + (88 \times (8+8) + 888)$
:= $99/9 + 9 \times (9 \times (9+9) + 99)$
- ▶ 2361 := $1 + ((1+1) \times ((11-1) \times (11^{1+1} - (1+1+1))))$
:= $2 + ((22^2 + 2)/2 + (2 \times 22 + 2)^2)$
:= $3 + (3 \times ((33 \times (3^3 - 3)) - (3+3)))$
:= $4 + (((4-4/4) + 4)^4) - 44$
:= $5^5/5 + (5555 + 5^5)/5$
:= $6 \times 6 \times 66 + (6-6 \times 6)/((6+6)/6)$
:= $7 + (7 \times (7 \times 7 \times 7 - 7) + ((7+7)/7))$
:= $8/8 + ((88 \times (8+8) + 888) + 8 \times 8)$
:= $((99+9)/9) + 9 \times (9 \times (9+9) + 99)$
- ▶ 2362 := $11 + (((1+111) \times (11 + (11-1))) - 1)$
:= $2 + (2 \times 22 + 2)^2 + 22^2/2 + 2$
:= $(33/3 \times ((3+3)^3 - 3/3)) - 3$
:= $4 + (((4-4/4) + 4)^4) - 44 + 4/4$
:= $(5+5)/5 \times ((5^5+5)/5 + 555)$
:= $6 \times 6 \times 66 - ((6+6)/6 + 6 + 6)$
:= $((77-7)/7) + 7 \times (7 \times 7 \times 7 - 7)$
:= $8 + (88/8 \times ((8 \times (8+8) - ((8+8)/8)) + 88))$
:= $((99+9+9)/9) + 9 \times (9 \times (9+9) + 99)$
- ▶ 2363 := $11 + ((1+111) \times (11 + (11-1)))$
:= $22 + ((2222 - 2) + (22/2)^2)$
:= $33 + (3 \times 333 + (33/3)^3)$
:= $4^4 + (44 \times (44+4) - (4/4+4))$
:= $5 + ((5+5)/5 \times ((5^5-5)/5 + 555))$
:= $6 \times 6 \times 66 - (6/6 + 6 + 6)$
:= $77/7 + 7 \times (7 \times 7 \times 7 - 7)$
:= $(8/8 + 8 + 8) \times (8 \times (8+8) + (88/8))$
:= $9 + (((99-9/9) + 9) \times ((99+99)/9))$
- ▶ 2364 := $(1+11) \times (1 + (1+1+1+11)^{1+1})$
:= $2 \times ((2 \times (((22+2)^2) + 2) + 2)) + 22$
:= $(3 \times ((33 \times (3^3 - 3)) - 3)) - 3$
:= $4^4 + (44 \times (44+4) - 4)$
:= $5^5 - ((555+5^5)/5 + 5 \times 5)$
:= $6 \times 6 \times 66 - 6 - 6$
:= $(77+7)/7 + 7 \times (7 \times 7 \times 7 - 7)$
:= $8 \times 8 + (((8 \times 8 \times (8 \times 8 + 8)) - 8)/(8+8)/8)$
:= $((99+9)/9) \times ((99-9/9) + 99)$
- ▶ 2365 := $11 \times (((1+1) \times (1+1+111)) - 11)$
:= $22 + ((22/2)^2 + 2222)$
:= $33/3 \times ((3+3)^3 - 3/3)$
:= $4 + (((4-4/4) + 4)^4) - 44 + 4$
:= $55 \times (55 - ((55+5)/5))$
:= $6 \times 6 \times 66 - 66/6$
:= $7 + ((7 \times (7 \times 7 \times 7 - 7) - 7/7) + 7)$
:= $88/8 \times ((8 \times (8+8) - 8/8) + 88)$
:= $99/9 \times (((9+9) \times (99+9) - 9)/9)$
- ▶ 2366 := $(1+11)^{1+1} + ((1+1) \times 1111)$
:= $2222 + ((2 \times (2+2+2))^2)$
:= $(3 \times ((33 \times (3^3 - 3)) - 3)) - 3/3$
:= $4^4 + (44 \times (44+4) - (4+4)/4)$
:= $5/5 + (55 \times (55 - ((55+5)/5)))$
:= $(6-66)/6 + 6 \times 6 \times 66$
:= $7 + 7 \times (7 \times 7 \times 7 - 7) + 7$
:= $8 \times 8 + (((88+8) \times (8+8+8)) - ((8+8)/8))$
:= $9 + ((9 \times (9 \times (9+9) + 99) - 9/9) + 9)$
- ▶ 2367 := $1 + ((1+11)^{1+1} + ((1+1) \times 1111))$
:= $2 + (((22/2)^2 + 2222) + 22)$
:= $3 \times ((33 \times (3^3 - 3)) - 3)$
:= $4^4 + (44 \times (44+4) - 4/4)$
:= $5 + ((5+5)/5 \times ((5^5+5)/5 + 555))$
:= $6 \times 6 \times 66 + (((6-66) + 6)/6)$
:= $7 + ((7 \times (7 \times 7 \times 7 - 7) + 7/7) + 7)$
:= $8 \times 8 + (((88+8) \times (8+8+8)) - 8/8)$
:= $9 + (9 \times (9 \times (9+9) + 99) + 9)$
- ▶ 2368 := $((1+1)^{1+1+1}) - ((1+11)^{1+1+1})$
:= $2 \times (2 \times (((22+2)^2) + 2^{2+2}))$
:= $3 + (33/3 \times ((3+3)^3 - 3/3))$
:= $4^4 + 44 \times (44+4)$
:= $((5+5)/5)^5 \times ((5 \times (5+5+5)) - 5/5)$
:= $(6 \times 6 + 6/6) \times ((6+6)/6)^6$
:= $7 + ((7 \times (7 \times 7 \times 7 - 7) + ((7+7)/7)) + 7)$
:= $8 \times (8 \times 888/(8+8+8))$
:= $9 + ((9 \times (9 \times (9+9) + 99) + 9/9) + 9)$
- ▶ 2369 := $1 + (((1+1)^{1+1+1}) - ((1+11)^{1+1+1}))$
:= $2/2 + (((2 \times (22+2))^2) + 2^{2+2+2})$
:= $((33 \times (3+3)^3) - 3)/3 - 3 - 3$
:= $((4-4/4) + 4)^4 - 4 \times (4+4)$
:= $5^5 - ((5 \times 5 \times (5 \times 5 + 5) + 5/5) + 5)$
:= $6 \times 6 \times 66 - 6/6 - 6$
:= $7 + (7 \times (7 \times 7 \times 7 - 7) + ((77-7)/7))$
:= $8/8 + (((88+8) \times (8+8+8)) + 8 \times 8)$
:= $9 + (9 \times (9 \times (9+9) + 99) + (99/9))$
- ▶ 2370 := $(11-1) \times (11 + ((1+1) \times (1+1+111)))$
:= $(2 \times (2+2+2)^{2+2}) - 222$
:= $3 + (3 \times ((33 \times (3^3 - 3)) - 3))$
:= $4/4 + (((4-4/4) + 4)^4) - 4 \times (4+4)$
:= $5^5 - (5 \times 5 \times (5 \times 5 + 5) + 5)$
:= $6 \times 6 \times 66 - 6$
:= $7 + (7 \times (7 \times 7 \times 7 - 7) + (77/7))$
:= $8 \times 8 + (((88+8) \times (8+8+8)) + ((8+8)/8))$
:= $9 + (9 \times (9 \times (9+9) + 99) + ((99+9)/9))$

$$\begin{aligned}
\blacktriangleright 2371 &:= ((11 + (11 - 1)) \times (1 + 1 + 111)) - 1 - 1 \\
&:= ((22 - 2/2) \times (222/2 + 2)) - 2 \\
&:= (((33 \times (3 + 3)^3) + 3)/3) - 3 - 3 \\
&:= 4 + ((44 \times (44 + 4) - 4/4) + 4^4) \\
&:= 5^5 + (5/5 - (5 \times 5 \times (5 \times 5 + 5) + 5)) \\
&:= 6/6 + (6 \times 6 \times 66 - 6) \\
&:= 7 + (7 \times (7 \times 7 \times 7 - 7) + (77 + 7)/7) \\
&:= 8 + ((8/8 + 8 + 8) \times (8 \times (8 + 8) + (88/8))) \\
&:= ((99 + 99)/9) + 9 \times (9 \times (9 + 9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2372 &:= ((11 + (11 - 1)) \times (1 + 1 + 111)) - 1 \\
&:= 2 \times ((2 \times (22^2 - 2)) + 222) \\
&:= (((33 \times (3 + 3)^3) - 3)/3) - 3 \\
&:= 4 + (44 \times (44 + 4) + 4^4) \\
&:= (5 - 5/5) \times (5^5/5 - ((5 + 5)/5)^5) \\
&:= (6 + 6)/6 + (6 \times 6 \times 66 - 6) \\
&:= 7 \times (7 \times 7 \times 7 + 7) - 7/7 - 77 \\
&:= ((8 \times 8 \times 88) - 888)/((8 + 8)/8) \\
&:= (9 + 9) \times (9 + 9) + (((9 + 9)/9)^{99/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2373 &:= (11 + (11 - 1)) \times (1 + 1 + 111) \\
&:= (22 - 2/2) \times (222/2 + 2) \\
&:= (3 \times (33 \times (3^3 - 3))) - 3 \\
&:= 4 + (((4 - 4/4) + 4)^4) - 4 \times (4 + 4) \\
&:= 5^5 - (5 \times 5 \times (5 \times 5 + 5) + ((5 + 5)/5)) \\
&:= 6 \times 6 \times 66 - 6 \times 6/(6 + 6) \\
&:= 7 \times (7 \times 7 \times 7 + 7) - 77 \\
&:= 8 + (88/8 \times ((8 \times (8 + 8) - 8/8) + 88)) \\
&:= ((99 \times (9 \times 9 - 9)) - 9)/((9 + 9 + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2374 &:= 1 + ((11 + (11 - 1)) \times (1 + 1 + 111)) \\
&:= 22 \times ((222 - 2)/2 - 2) - 2 \\
&:= (((33 \times (3 + 3)^3) + 3)/3) - 3 \\
&:= (((4 - 4/4) + 4)^4) - (44/4 + 4 \times 4) \\
&:= 5^5 - (5 \times 5 \times (5 \times 5 + 5) + 5/5) \\
&:= 6 \times 6 \times 66 - (6 + 6)/6 \\
&:= 7/7 + (7 \times (7 \times 7 \times 7 + 7) - 77) \\
&:= (88 \times (88/8 + 8 + 8)) - (8 + 8)/8 \\
&:= ((9 + 9)/9) \times (((99 \times (99 + 9)) - 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2375 &:= ((1 + 1) \times (11 \times (111 - 1 - 1 - 1))) - 1 \\
&:= 2 + ((22 - 2/2) \times (222/2 + 2)) \\
&:= ((33 \times (3 + 3)^3) - 3)/3 \\
&:= ((44 \times (4^4 - 44 + 4)) - 4)/4 \\
&:= 5 \times (5 \times (5 \times (5 \times 5 - 5) - 5)) \\
&:= 6 \times 6 \times 66 - 6/6 \\
&:= (7 + 7)/7 + (7 \times (7 \times 7 \times 7 + 7) - 77) \\
&:= (88 \times (88/8 + 8 + 8)) - 8/8 \\
&:= 9 \times 9 + ((9 + 9) \times 99 + (((9 + 9)/9)^9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2376 &:= (1 + 1) \times (11 \times (111 - 1 - 1 - 1)) \\
&:= 22 \times ((222 - 2)/2 - 2) \\
&:= 3 \times (33 \times (3^3 - 3)) \\
&:= 44 \times ((44 - 4)/4 + 44) \\
&:= 5^5 + (5/5 - 5 \times 5 \times (5 \times 5 + 5)) \\
&:= 6 \times 6 \times 66 \\
&:= 7 \times 7 \times 7 \times 7 - (77/7 + 7 + 7) \\
&:= 88 \times (88/8 + 8 + 8) \\
&:= 999 + 9 \times (9 \times (9 + 9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2377 &:= 1 + ((1 + 1) \times (11 \times (111 - 1 - 1 - 1))) \\
&:= (2 \times 22)^2 + ((22 - 2/2)^2) \\
&:= (((33 \times (3 + 3)^3) + 3)/3) \\
&:= (((4 - 4/4) + 4)^4) - ((4 \times 4 + 4) + 4) \\
&:= 5^5 + ((5 + 5)/5 - 5 \times 5 \times (5 \times 5 + 5)) \\
&:= 6/6 + 6 \times 6 \times 66 \\
&:= 7 + ((7 \times (7 \times 7 \times 7 - 7) + (77/7)) + 7) \\
&:= 8/8 + (88 \times (88/8 + 8 + 8)) \\
&:= 9/9 + (9 \times (9 \times (9 + 9) - 9) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2378 &:= (1 + 1) \times (1 + (11 \times (111 - 1 - 1 - 1))) \\
&:= 2 + 22 \times ((222 - 2)/2 - 2) \\
&:= 3 + (((33 \times (3 + 3)^3) - 3)/3) \\
&:= 444 + (44 \times 44 - (4 + 4)/4) \\
&:= 5^5 - (((555 + 55) + 5^5)/5) \\
&:= (6 + 6)/6 + 6 \times 6 \times 66 \\
&:= 7 \times 7 \times 7 \times 7 - (((7 + 7)/7 + 7) + 7) + 7) \\
&:= (8 + 8)/8 + (88 \times (88/8 + 8 + 8)) \\
&:= (9/9 + 9 \times 9) \times (99/9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2379 &:= 1 + ((1 + 1) \times (1 + (11 \times (111 - 1 - 1 - 1)))) \\
&:= (((2/2 + 2 + 2) + 2)^{2+2}) - 22 \\
&:= 3 + (3 \times (33 \times (3^3 - 3))) \\
&:= 444 + (44 \times 44 - 4/4) \\
&:= 5 + ((5 \times (5 \times 55 - 5)) + (5 - 5/5)^5) \\
&:= 6 \times 6 \times 66 + (6 \times 6/(6 + 6)) \\
&:= 7 \times 7 \times 7 \times 7 - (7/7 + 7 + 7 + 7) \\
&:= 8 \times 8 + (((88 + 8) \times (8 + 8 + 8)) + (88/8)) \\
&:= 999/9 + (9 \times (9 \times (9 + 9 + 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2380 &:= (1 + 1) \times ((11 - 1) \times (11^{1+1} - (1 + 1))) \\
&:= 2 \times (2 \times 22^2 + 222) \\
&:= 3 + (((33 \times (3 + 3)^3) + 3)/3) \\
&:= 444 + 44 \times 44 \\
&:= 5 + (5 \times (5 \times (5 \times (5 \times 5 - 5) - 5))) \\
&:= 6 + (6 \times 6 \times 66 - ((6 + 6)/6)) \\
&:= 7 \times 7 \times 7 \times 7 - (7 + 7 + 7) \\
&:= ((88 + 8)/8 + 8) \times (888/8 + 8) \\
&:= (99/9 + 9) \times ((99/9 + 99) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2381 &:= (1 + 1)^{11} + (1 + 1 + 1) \times 111 \\
&:= 2 + (((2/2 + 2 + 2) + 2)^{2+2}) - 22 \\
&:= 3 + (((33 \times (3 + 3)^3) - 3)/3) + 3 \\
&:= (((4 - 4/4) + 4)^4) - 4 \times 4 - 4 \\
&:= 5 + ((5/5 - 5 \times 5 \times (5 \times 5 + 5)) + 5^5) \\
&:= 6 + (6 \times 6 \times 66 - 6/6) \\
&:= 7/7 + (7 \times 7 \times 7 \times 7 - (7 + 7 + 7)) \\
&:= 88 + (((88 + 8) \times (8 + 8 + 8)) - (88/8)) \\
&:= 9 + (((9 + 9)/9)^{99/9}) + (9 + 9) \times (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2382 &:= 1 + ((1 + 1)^{11} + (1 + 1 + 1) \times 111) \\
&:= 2 + ((2 \times 22)^2 + 2 \times 222) \\
&:= 3 + ((3 \times (33 \times (3^3 - 3))) + 3) \\
&:= 4/4 + (((4 - 4/4) + 4)^4) - (4 \times 4 + 4) \\
&:= 5 + (((5 + 5)/5 - 5 \times 5 \times (5 \times 5 + 5)) + 5^5) \\
&:= 6 + 6 \times 6 \times 66 \\
&:= 7 \times 7 \times 7 \times 7 - ((77 + 7)/7 + 7) \\
&:= 8 + ((88 \times (88/8 + 8 + 8)) - ((8 + 8)/8)) \\
&:= 9 + (((99 \times (9 \times 9 - 9)) - 9)/((9 + 9 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2383 &:= 1 + (1 + ((1 + 1)^{11} + (1 + 1 + 1) \times 111)) \\
&:= 2 + (((2/2 + 2 + 2) + 2)^{2+2}) - 22 + 2) \\
&:= 3 + (((33 \times (3 + 3)^3) + 3)/3) + 3) \\
&:= 4 + ((44 \times 44 - 4/4) + 444) \\
&:= 5^5 - (((555 + 5^5) + 5)/5) + 5) \\
&:= 6 + (6 \times 6 \times 66 + 6/6) \\
&:= 7 \times 7 \times 7 \times 7 - (77/7 + 7) \\
&:= 8 + ((88 \times (88/8 + 8 + 8)) - 8/8) \\
&:= 9 + (((9 + 9)/9) \times (((99 \times (99 + 9)) - 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2384 &:= (1 + 1)^{11} + ((1 + 1 + 1) \times (1 + 111)) \\
&:= 2 \times ((2 \times 22^2 + 222) + 2) \\
&:= 3 \times 3 + (((33 \times (3 + 3)^3) - 3)/3) \\
&:= 4 + (44 \times 44 + 444) \\
&:= 5^5 - ((555 + 5^5)/5 + 5) \\
&:= 6 + (6 \times 6 \times 66 + ((6 + 6)/6)) \\
&:= ((7 - 77)/7) + (7 \times 7 \times 7 \times 7 - 7) \\
&:= 8 + (88 \times (88/8 + 8 + 8)) \\
&:= (9 - 9/9) \times ((99 \times (9 + 9 + 9) + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2385 &:= 1 + ((1 + 1)^{11} + ((1 + 1 + 1) \times (1 + 111))) \\
&:= (2/2 + 2)^{2+2} + ((2 \times (22 + 2))^2) \\
&:= 3 \times ((33 \times (3^3 - 3)) + 3) \\
&:= (((4 - 4/4) + 4)^4) - 4 \times 4 \\
&:= 5 + ((5 \times (5 \times (5 \times (5 \times 5 - 5) - 5))) + 5) \\
&:= 6 + (6 \times 6 \times 66 + (6 \times 6/(6 + 6))) \\
&:= 7 \times 7 \times 7 \times 7 - (((7 + 7)/7 + 7) + 7) \\
&:= ((8 - 8/8)^{8 \times 8/(8 + 8)}) - 8 - 8 \\
&:= 9 \times (((9 + 9)/9)^{9-9/9}) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2386 &:= (11 \times ((1+1) \times (111-1-1) - 1)) - 1 \\
&:= (2+2+2) \times ((22-2)^2 - 2) - 2 \\
&:= 3 \times 3 + (((33 \times (3+3)^3) + 3)/3) \\
&:= 4/4 + (((4-4/4) + 4)^4) - 4 \times 4 \\
&:= 5^5 + (55/5 - 5 \times 5 \times (5 \times 5 + 5)) \\
&:= 6 \times 6 \times 66 + (66 - 6)/6 \\
&:= 7 \times 7 \times 7 \times 7 - (7/7 + 7 + 7) \\
&:= 8 + ((88 \times (88/8 + 8 + 8)) + ((8+8)/8)) \\
&:= 9/9 + (9 \times (((9+9)/9)^{9-9/9} + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2387 &:= 11 \times ((1+1) \times (111-1-1) - 1) \\
&:= 22/2 \times (222 - (2/2 + 2 + 2)) \\
&:= 33/3 \times ((3+3)^3 + 3/3) \\
&:= (4+4)/4 + (((4-4/4) + 4)^4) - 4 \times 4 \\
&:= 5^5 - (((555 + 5^5) + 5) + 5)/5 \\
&:= 66/6 + 6 \times 6 \times 66 \\
&:= 7 \times 7 \times 7 \times 7 - (7 + 7) \\
&:= 88/8 + (88 \times (88/8 + 8 + 8)) \\
&:= 9 + ((9/9 + 9 \times 9) \times (99/9 + 9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2388 &:= 1 + (11 \times ((1+1) \times (111-1-1) - 1)) \\
&:= (2+2+2) \times ((22-2)^2 - 2) \\
&:= 3 + (3 \times ((33 \times (3^3 - 3)) + 3)) \\
&:= 4 + ((44 \times 44 + 444) + 4) \\
&:= 5^5 - (((555 + 5^5) + 5)/5) \\
&:= 6 + (6 \times 6 \times 66 + 6) \\
&:= 7/7 + (7 \times 7 \times 7 \times 7 - (7 + 7)) \\
&:= ((88 + 8)/8) \times (888/8 + 88) \\
&:= ((99 + 9)/9) \times ((9/9 + 99) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2389 &:= 1 + (1 + (11 \times ((1+1) \times (111-1-1) - 1))) \\
&:= 2/2 + ((2+2+2) \times ((22-2)^2 - 2)) \\
&:= 3 + ((3 \times ((33 \times (3^3 - 3)) + 3)) + 3/3) \\
&:= 4 + (((4-4/4) + 4)^4) - 4 \times 4 \\
&:= 5^5 - (555 + 5^5)/5 \\
&:= 6 + (6 \times 6 \times 66 + 6/6 + 6) \\
&:= 7 \times 7 \times 7 \times 7 - (77 + 7)/7 \\
&:= ((8-8/8)^{8 \times 8/(8+8)}) - (88 + 8)/8 \\
&:= 9 + ((99/9 + 9) \times ((99/9 + 99) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2390 &:= (11-1) \times (((1+1) \times (11^{1+1} - 1)) - 1) \\
&:= 2 + ((2+2+2) \times ((22-2)^2 - 2)) \\
&:= 3 + (33/3 \times ((3+3)^3 + 3/3)) \\
&:= (((4-4/4) + 4)^4) - 44/4 \\
&:= 5^5 + ((5 - (555 + 5^5))/5) \\
&:= 6 + ((6 \times 6 \times 66 + ((6+6)/6)) + 6) \\
&:= 7 \times 7 \times 7 \times 7 - 77/7 \\
&:= ((8-8/8)^{8 \times 8/(8+8)}) - 88/8 \\
&:= 9 + (((9+9)/9)^{99/9} + (9+9) \times (9+9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2391 &:= 1 + ((11-1) \times (((1+1) \times (11^{1+1} - 1)) - 1)) \\
&:= 2222 + ((22/2 + 2)^2) \\
&:= 3 + ((3 \times ((33 \times (3^3 - 3)) + 3)) + 3) \\
&:= (4-44)/4 + (((4-4/4) + 4)^4) \\
&:= (((5+5)/5 + 5)^{5-5/5}) - 5 - 5 \\
&:= 6 + ((6 \times 6 \times 66 + (6 \times 6/(6+6))) + 6) \\
&:= ((7-77)/7) + 7 \times 7 \times 7 \times 7 \\
&:= 88 + (((88+8) \times (8+8+8)) - 8/8) \\
&:= ((99/9 + 9) \times (999/9 + 9)) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2392 &:= 11 + ((1+1)^{11} + (1+1+1) \times 111) \\
&:= 2 \times (2 \times ((22+2)^2) + 22) \\
&:= (((3/3+3) + 3)^{3/3+3}) - 3 \times 3 \\
&:= (4+4) \times ((44-4/4) + 4^4) \\
&:= (5-5/5) \times ((5^5 - 5 - 5)/5 - 5 \times 5) \\
&:= 6 + (6 \times 6 \times 66 + ((66-6)/6)) \\
&:= 7 \times 7 \times 7 \times 7 - ((7+7)/7 + 7) \\
&:= 88 + ((88+8) \times (8+8+8)) \\
&:= (((9-9/9) + 9) + 9) \times ((99/9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2393 &:= ((1+1) \times ((11 \times (111-1-1) - (1+1))) - 1) \\
&:= 2 + (((22/2 + 2)^2) + 2222) \\
&:= 3 + ((33/3 \times ((3+3)^3 + 3/3)) + 3) \\
&:= (((4-4/4) + 4)^4) - 4 - 4 \\
&:= 5 + (5^5 - (((555 + 5^5) + 5)/5)) \\
&:= 6 + (6 \times 6 \times 66 + (66/6)) \\
&:= 7 \times 7 \times 7 \times 7 - (7/7 + 7) \\
&:= ((8-8/8)^{8 \times 8/(8+8)}) - 8 \\
&:= 99 + ((9+9) \times 99 + (((9+9)/9)^9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2394 &:= (1+1) \times ((11 \times (111-1-1) - (1+1))) \\
&:= 2 + (2 \times (2 \times ((22+2)^2) + 22)) \\
&:= 3 \times (((33 \times (3^3 - 3)) + 3) + 3) \\
&:= 4 + (((4-4/4) + 4)^4) - 44/4 \\
&:= 5 + (5^5 - (555 + 5^5)/5) \\
&:= 6 + ((6 \times 6 \times 66 + 6) + 6) \\
&:= 7 \times 7 \times 7 \times 7 - 7 \\
&:= 8/8 + (((8-8/8)^{8 \times 8/(8+8)}) - 8) \\
&:= 9 + (9 \times (((9+9)/9)^{9-9/9} + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2395 &:= ((1+1) \times ((11 \times (111-1-1) - 1)) - 1) \\
&:= 22 \times (222/2 - 2) - 2/2 - 2 \\
&:= (((3/3+3) + 3)^{3/3+3}) - 3 - 3 \\
&:= (((4-4/4) + 4)^4) - ((4+4)/4 + 4) \\
&:= 55 \times 55 - (5^5/5 + 5) \\
&:= ((6/6 + 6)^{6-(6+6)/6}) - 6 \\
&:= 7/7 + (7 \times 7 \times 7 \times 7 - 7) \\
&:= ((8/8 + 88) \times (88/8 + 8 + 8)) - 8 \\
&:= 9 \times (9+9) \times (9+9) - (((9+9)/9)^9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2396 &:= (1+1) \times ((11 \times (111-1-1) - 1)) \\
&:= 22 \times (222/2 - 2) - 2 \\
&:= 3 \times 3 + (33/3 \times ((3+3)^3 + 3/3)) \\
&:= ((4+4) \times (44 + 4^4)) - 4 \\
&:= (((5+5)/5 + 5)^{5-5/5}) - 5 \\
&:= 6 + (((6 \times 6 \times 66 + ((6+6)/6)) + 6) + 6) \\
&:= (7+7)/7 + (7 \times 7 \times 7 \times 7 - 7) \\
&:= ((8 \times (8 \times 8 \times 8 + 88)) - 8)/((8+8)/8) \\
&:= 9 + (((9/9 + 9 \times 9) \times (99/9 + 9 + 9)) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2397 &:= ((1+1) \times (11 \times (111-1-1))) - 1 \\
&:= 22 \times (222/2 - 2) - 2/2 \\
&:= (3 \times (3^3 \times (3^3 + 3))) - 33 \\
&:= (((4-4/4) + 4)^4) - 4 \\
&:= 5/5 + (((5+5)/5 + 5)^{5-5/5}) - 5 \\
&:= 6 \times 6 \times 66 + ((6 \times 6 + 6)/((6+6)/6)) \\
&:= 7 + (7 \times 7 \times 7 \times 7 - (77/7)) \\
&:= (88/8 - 8) \times (888 - (8/8 + 88)) \\
&:= 9 + (((99+9)/9) \times ((9/9 + 99) + 99))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2398 &:= (1+1) \times (11 \times (111-1-1)) \\
&:= 22 \times (222/2 - 2) \\
&:= (((3/3+3) + 3)^{3/3+3}) - 3 \\
&:= 4/4 + (((4-4/4) + 4)^4) - 4 \\
&:= 55 \times 55 - (5^5 + 5 + 5)/5 \\
&:= 66/6 \times (6 \times 6 \times 6 + (6+6)/6) \\
&:= 7 \times 7 \times 7 \times 7 - (7 + 7 + 7)/7 \\
&:= ((8+8)/8) \times (8888/8 + 88) \\
&:= (9/9 + 99 + 9) \times ((99 + 99)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2399 &:= 1 + ((1+1) \times (11 \times (111-1-1))) \\
&:= (((2/2 + 2 + 2) + 2)^{2+2}) - 2 \\
&:= 3^3 + (((33 \times (3+3)^3) - 3)/3) - 3 \\
&:= (((4-4/4) + 4)^4) - (4+4)/4 \\
&:= 5 \times 5 \times 55 + (5 - 5/5)^5 \\
&:= 6 + ((6 \times 6 \times 66 + (66/6)) + 6) \\
&:= 7 \times 7 \times 7 \times 7 - (7 + 7)/7 \\
&:= ((8-8/8)^{8 \times 8/(8+8)}) - (8+8)/8 \\
&:= ((99/9 + 9) \times (999/9 + 9)) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2400 &:= (1+1) \times (1 + (11 \times (111-1-1))) \\
&:= (2+2+2) \times (22-2)^2 \\
&:= (3+3)^3 + (3 \times 3^{3+3} - 3) \\
&:= (4+4) \times (44 + 4^4) \\
&:= (5 \times 5 - 5) \times (5 \times 5 \times 5 - 5) \\
&:= 6 \times (6 \times 66 + 6) - 6 - 6 \\
&:= 7 \times 7 \times 7 \times 7 - 7/7 \\
&:= (88 + 8) \times (8/8 + 8 + 8 + 8) \\
&:= (99/9 + 9) \times (999/9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2401 &:= (1 + ((1 + 1) \times (1 + 1 + 1)))^{1+1+1+1} \\
&:= ((2/2 + 2 + 2) + 2)^{2+2} \\
&:= ((3/3 + 3) + 3)^{3/3+3} \\
&:= ((4 - 4/4) + 4)^4 \\
&:= ((5 + 5)/5 + 5)^{5-5/5} \\
&:= (6/6 + 6)^{6-(6+6)/6} \\
&:= 7 \times 7 \times 7 \times 7 \\
&:= (8 - 8/8)^{8 \times 8/(8+8)} \\
&:= (9 - ((9 + 9)/9))^{(9 \times 9 - 9)/(9+9)}
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2402 &:= 1 + ((1 + ((1 + 1) \times (1 + 1 + 1)))^{1+1+1+1}) \\
&:= 2 + ((2 + 2 + 2) \times (22 - 2)^2) \\
&:= 3^3 + (((33 \times (3 + 3)^3) - 3)/3) \\
&:= 4/4 + (((4 - 4/4) + 4)^4) \\
&:= 5/5 + (((5 + 5)/5 + 5)^{5-5/5}) \\
&:= 6/6 + ((6/6 + 6)^{6-(6+6)/6}) \\
&:= 7/7 + 7 \times 7 \times 7 \times 7 \\
&:= 8/8 + ((8 - 8/8)^{8 \times 8/(8+8)}) \\
&:= 999 + (((9 + 9)/9)^9) + 9 \times 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2403 &:= 1 + (1 + ((1 + ((1 + 1) \times (1 + 1 + 1)))^{1+1+1+1})) \\
&:= 2 + (((2/2 + 2 + 2) + 2)^{2+2}) \\
&:= (3 + 3)^3 + 3 \times 3^{3+3} \\
&:= (4 + 4)/4 + (((4 - 4/4) + 4)^4) \\
&:= 5 + (55 \times 55 - (5^5 + 5 + 5)/5) \\
&:= 6 \times 6 \times 6 + ((6 \times 6)/(6 + 6))^{6/6+6} \\
&:= (7 + 7)/7 + 7 \times 7 \times 7 \times 7 \\
&:= (8/8 + 88) \times (88/8 + 8 + 8) \\
&:= (9 + 9 + 9) \times ((9 \times 9 - 9)/9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2404 &:= (1 + 1) \times (1 + (1 + (1 + (11 \times (111 - 1 - 1)))))) \\
&:= 2 + (((2 + 2 + 2) \times (22 - 2)^2) + 2) \\
&:= 3 + (((3/3 + 3) + 3)^{3/3+3}) \\
&:= 4 + ((4 + 4) \times (44 + 4^4)) \\
&:= 5 + (5 \times 5 \times 55 + (5 - 5/5)^5) \\
&:= ((6 + 6)/6)^6 + 6 \times (6 \times 66 - 6) \\
&:= 7 \times 7 \times 7 \times 7 + (7 + 7 + 7)/7 \\
&:= ((8 \times (8 \times 8 \times 8 + 88)) + 8)/(8 + 8)/8 \\
&:= 9 \times (9 + 9) \times (9 + 9) - (((9 + 9)/9)^9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2405 &:= ((1 + 1) \times ((11 \times (111 - 1) - (1 + 1))) - 11) \\
&:= 2 + (((2/2 + 2 + 2) + 2)^{2+2}) + 2 \\
&:= (((33 \times ((3 + 3)^3 + 3)) - 3)/3) - 3 \\
&:= 4 + (((4 - 4/4) + 4)^4) \\
&:= 5 + ((5 \times 5 - 5) \times (5 \times 5 \times 5 - 5)) \\
&:= (6 \times 6 + 6/6) \times (66 - 6/6) \\
&:= 77/7 + (7 \times 7 \times 7 \times 7 - 7) \\
&:= (8/8 + 8 \times 8) \times 888/(8 + 8 + 8) \\
&:= 9/9 + (9 \times (9 + 9) \times (9 + 9) - (((9 + 9)/9)^9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2406 &:= (11 \times (((1 + 1) \times (111 - 1) - 1)) - 1) - 1 - 1 - 1 \\
&:= (2/2 + 2) \times (2 \times (22 - 2)^2 + 2) \\
&:= 3 + (3 \times 3^{3+3} + (3 + 3)^3) \\
&:= 4 + (((4 - 4/4) + 4)^4) + 4/4 \\
&:= 5 + (((5 + 5)/5 + 5)^{5-5/5}) + 5 \\
&:= 6 \times (6 \times 66 + 6) - 6 \\
&:= 7 + (7 \times 7 \times 7 \times 7 - ((7 + 7)/7)) \\
&:= 8 + (((8 + 8)/8) \times (8888/8 + 88)) \\
&:= ((9 + 9 + 9)/9) \times ((9 \times (9 \times 9 + 9) - 9) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2407 &:= (11 \times (((1 + 1) \times (111 - 1) - 1)) - 1) - 1 - 1 \\
&:= 2 + (((((2/2 + 2 + 2) + 2)^{2+2}) + 2) + 2) \\
&:= 3 + (((3/3 + 3) + 3)^{3/3+3}) + 3 \\
&:= 4 + (((4 - 4/4) + 4)^4) + (4 + 4)/4 \\
&:= 5 + (((5 + 5)/5 + 5)^{5-5/5}) + 5/5 \\
&:= 6 + ((6/6 + 6)^{6-(6+6)/6}) \\
&:= 7 + (7 \times 7 \times 7 \times 7 - 7/7) \\
&:= 8 + (((8 - 8/8)^{8 \times 8/(8+8)}) - ((8 + 8)/8)) \\
&:= ((9 + 9) \times (9 \times 9 - 9)) + 9999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2408 &:= (11 \times (((1 + 1) \times (111 - 1) - 1)) - 1) - 1 \\
&:= ((2/2 + 2 + 2) \times (22^2 - 2)) - 2 \\
&:= ((33 \times ((3 + 3)^3 + 3)) - 3)/3 \\
&:= 4 + (((4 + 4) \times (44 + 4^4)) + 4) \\
&:= (5 - 5/5) \times ((5^5 + 5 + 5)/5 - 5 \times 5) \\
&:= (6 + 6)/6 + (6 \times (6 \times 66 + 6) - 6) \\
&:= 7 + 7 \times 7 \times 7 \times 7 \\
&:= 8 + ((88 + 8) \times (8/8 + 8 + 8 + 8)) \\
&:= ((9 + 9) \times (9 \times 9 - 9)) + (9999 + 9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2409 &:= 11 \times (((1 + 1) \times (111 - 1) - 1) - 1) \\
&:= 22/2 \times (222 - (2/2 + 2)) \\
&:= 33 \times (((3 + 3)^3 + 3)/3) \\
&:= 4 + (((4 - 4/4) + 4)^4) + 4 \\
&:= 5 + ((5 \times 5 \times 55 + (5 - 5/5)^5) + 5) \\
&:= 6 \times 6 \times 66 + (66 \times 6/(6 + 6)) \\
&:= 7 + (7 \times 7 \times 7 \times 7 + 7/7) \\
&:= 8 + ((8 - 8/8)^{8 \times 8/(8+8)}) \\
&:= 9 + ((99/9 + 9) \times (999/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2410 &:= 1 + (11 \times (((1 + 1) \times (111 - 1) - 1)) - 1) \\
&:= (2/2 + 2 + 2) \times (22^2 - 2) \\
&:= ((33 \times ((3 + 3)^3 + 3)) + 3)/3 \\
&:= 4 + (((4 - 4/4) + 4)^4) + 4/4 + 4 \\
&:= 5 + (((5 \times 5 - 5) \times (5 \times 5 \times 5 - 5)) + 5) \\
&:= 6 \times (6 \times 66 + 6) - (6 + 6)/6 \\
&:= 7 + (7 \times 7 \times 7 \times 7 + ((7 + 7)/7)) \\
&:= 8 + (((8 - 8/8)^{8 \times 8/(8+8)}) + 8/8) \\
&:= 9 + ((9 - ((9 + 9)/9))^{(9 \times 9 - 9)/(9+9)})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2411 &:= 1 + (1 + (11 \times (((1 + 1) \times (111 - 1) - 1))) \\
&:= 2 + (22/2 \times (222 - (2/2 + 2))) \\
&:= ((33/3 + 3)^3) - 333 \\
&:= 44/4 + ((4 + 4) \times (44 + 4^4)) \\
&:= 5 + (((5 + 5)/5 + 5)^{5-5/5}) + 5 \\
&:= 6 \times (6 \times 66 + 6) - 6/6 \\
&:= 7 \times 7 \times 7 \times 7 + (77 - 7)/7 \\
&:= 8 + ((8/8 + 88) \times (88/8 + 8 + 8)) \\
&:= (9 \times 9 + 9) \times (9 + 9 + 9) - (9/9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2412 &:= (1 + 11) \times (1 + ((1 + 1) \times (11 - 1)^{1+1})) \\
&:= (2 + 2 + 2) \times ((22 - 2)^2 + 2) \\
&:= 3 + (33 \times (((3 + 3)^3 + 3)/3)) \\
&:= 44/4 + (((4 - 4/4) + 4)^4) \\
&:= 55/5 + (((5 + 5)/5 + 5)^{5-5/5}) \\
&:= 6 \times (6 \times 66 + 6) \\
&:= 77/7 + 7 \times 7 \times 7 \times 7 \\
&:= 88/8 + ((8 - 8/8)^{8 \times 8/(8+8)}) \\
&:= (9 \times 9 + 9) \times (9 + 9 + 9) - (9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2413 &:= 1 + ((1 + 11) \times (1 + ((1 + 1) \times (11 - 1)^{1+1}))) \\
&:= 2/2 + ((2 + 2 + 2) \times ((22 - 2)^2 + 2)) \\
&:= 3 + (((33 \times ((3 + 3)^3 + 3)) + 3)/3) \\
&:= 4 + (((4 - 4/4) + 4)^4) + 4 + 4 \\
&:= 5 + ((5 - 5/5) \times ((5^5 + 5 + 5)/5 - 5 \times 5)) \\
&:= 6/6 + 6 \times (6 \times 66 + 6) \\
&:= 7 \times 7 \times 7 \times 7 + (77 + 7)/7 \\
&:= (88/8 + 8) \times (8 \times (8 + 8) - 8/8) \\
&:= 9 + (9 \times (9 + 9) \times (9 + 9) - (((9 + 9)/9)^9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2414 &:= (1 + 1) \times ((11 \times (111 - 1) - (1 + 1 + 1)) \\
&:= 2 + ((2 + 2 + 2) \times ((22 - 2)^2 + 2)) \\
&:= 3 + (((33/3 + 3)^3) - 333) \\
&:= 4 + (((4 - 4/4) + 4)^4) + 4/4 + 4 + 4 \\
&:= 5 \times 5 + (5^5 - (555 + 5^5)/5) \\
&:= (6 + 6)/6 + 6 \times (6 \times 66 + 6) \\
&:= 7 + ((7 \times 7 \times 7 \times 7 - 7/7) + 7) \\
&:= 8/8 + ((88/8 + 8) \times (8 \times (8 + 8) - 8/8)) \\
&:= (9 + 9)/9 + ((9 \times 9 + 9) \times (9 + 9 + 9) - (9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2415 &:= ((1 + 1) \times ((11 \times (111 - 1) - (1 + 1))) - 1) \\
&:= 222/2 + ((2 \times (22 + 2))^2) \\
&:= 3 + ((33 \times (((3 + 3)^3 + 3)/3)) + 3) \\
&:= (4/4 + 4) \times ((44 + 44 - 4)/4) \\
&:= (55 \times (55 - (55/5))) - 5 \\
&:= (6 \times 6/(6 + 6)) + 6 \times (6 \times 66 + 6) \\
&:= 7 + (7 \times 7 \times 7 \times 7 + 7) \\
&:= 888/8 + ((88 + 8) \times (8 + 8 + 8)) \\
&:= 999/9 + (9 \times (((9 + 9)/9)^{9-9/9}))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2416 &:= (1+1) \times ((11 \times (111-1)) - (1+1)) \\
&:= 22^2 + (2 \times (2 \times 22^2 - 2)) \\
&:= 3 + (((33 \times ((3+3)^3 + 3) + 3)/3) + 3) \\
&:= 4 \times (((4+4) \times 44 - 4) + 4^4) \\
&:= (5-5/5) \times ((55 \times 55 - 5)/5) \\
&:= 6 + (6 \times (6 \times 66 + 6) - ((6+6)/6)) \\
&:= 7 + ((7 \times 7 \times 7 \times 7 + 7/7) + 7) \\
&:= (8+8) \times ((88-8/8) + 8 \times 8) \\
&:= 9 + (((9+9) \times (9 \times 9 - 9)) + 9999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2417 &:= ((1+1) \times ((11 \times (111-1)) - 1)) - 1 \\
&:= (((22 \times (222-2)) - 2)/2) - 2 \\
&:= 33 \times 33 + ((33/3)^3 - 3) \\
&:= 4 \times 4 + (((4-4/4) + 4)^4) \\
&:= 5 + (((5+5)/5 + 5)^{5-5/5}) + (55/5) \\
&:= 6 + (6 \times (6 \times 66 + 6) - 6/6) \\
&:= 7 + ((7 \times 7 \times 7 \times 7 + ((7+7)/7)) + 7) \\
&:= 8 + (((8-8/8)^{8 \times 8/(8+8)}) + 8) \\
&:= 99 \times (9+9+9) - (((9+9)/9)^{9-9/9})
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2418 &:= (1+1) \times ((11 \times (111-1)) - 1) \\
&:= 22^2 + ((2 \times 22)^2 - 2) \\
&:= (3 \times ((3^3 \times (3^3 + 3)) - 3)) - 3 \\
&:= 4 \times 4 + (((4-4/4) + 4)^4) + 4/4 \\
&:= 5555 - (((55+5)/5) + 5^5) \\
&:= 6 + 6 \times (6 \times 66 + 6) \\
&:= 7 + (7 \times 7 \times 7 \times 7 + ((77-7)/7)) \\
&:= 8 + (((8-8/8)^{8 \times 8/(8+8)}) + 8/8 + 8) \\
&:= (9 \times 9 + 9) \times (9+9+9) - (99+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2419 &:= ((1+1) \times (11 \times (111-1))) - 1 \\
&:= ((22 \times (222-2)) - 2)/2 \\
&:= (3 \times (3^3 \times (3^3 + 3))) - 3/3 \\
&:= (4 \times (4/4 + 4)^4) - (4 - 4/4)^4 \\
&:= 5555 - (55/5 + 5^5) \\
&:= 6 + (6 \times (6 \times 66 + 6) + 6/6) \\
&:= 7 + (7 \times 7 \times 7 \times 7 + (77/7)) \\
&:= 8 + (((8/8 + 88) \times (88/8 + 8 + 8)) + 8) \\
&:= (9 \times 9 + 9) \times (9+9+9) - 99/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2420 &:= (1+1) \times (11 \times (111-1)) \\
&:= 22 \times (222-2)/2 \\
&:= 33 \times 33 + (33/3)^3 \\
&:= 44 \times (44/4 + 44) \\
&:= 55 \times (55 - (55/5)) \\
&:= 6 + (6 \times (6 \times 66 + 6) + ((6+6)/6)) \\
&:= 7 + (7 \times 7 \times 7 \times 7 + (77+7)/7) \\
&:= (88/((8+8)/8)) \times (8 \times 8 - (8/8+8)) \\
&:= (9/9+9) \times (9 \times (9+9+9) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2421 &:= 1 + ((1+1) \times (11 \times (111-1))) \\
&:= ((22 \times (222-2)) + 2)/2 \\
&:= 3 \times ((3^3 \times (3^3 + 3)) - 3) \\
&:= 4 + (((4-4/4) + 4)^4) + 4 \times 4 \\
&:= 5/5 + (55 \times (55 - (55/5))) \\
&:= 6 + (6 \times (6 \times 66 + 6) + (6 \times 6/(6+6))) \\
&:= 7 + (((7 \times 7 \times 7 \times 7 - 7/7) + 7) + 7) \\
&:= ((8+8) \times (8 \times 8 + 88)) - 88/8 \\
&:= (9 \times 9 + 9) \times (9+9+9) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2422 &:= (1+1) \times (1 + (11 \times (111-1))) \\
&:= 2 + ((2 \times 22)^2 + 22^2) \\
&:= 3/3 + (3 \times ((3^3 \times (3^3 + 3)) - 3)) \\
&:= 4 + (((4-4/4) + 4)^4) + 4 \times 4 + 4/4 \\
&:= (5+5)/5 + (55 \times (55 - (55/5))) \\
&:= ((66-6)/6) + 6 \times (6 \times 66 + 6) \\
&:= 7 + ((7 \times 7 \times 7 \times 7 + 7) + 7) \\
&:= (8-88)/8 + ((8+8) \times (8 \times 8 + 88)) \\
&:= 9/9 + ((9 \times 9 + 9) \times (9+9+9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2423 &:= 1 + ((1+1) \times (1 + (11 \times (111-1)))) \\
&:= 2 + (((22 \times (222-2)) + 2)/2) \\
&:= 3 + (33 \times 33 + (33/3)^3) \\
&:= 4 + ((4 \times (4/4 + 4)^4) - (4 - 4/4)^4) \\
&:= 5555 - (((5+5)/5 + 5^5) + 5) \\
&:= 66/6 + 6 \times (6 \times 66 + 6) \\
&:= 7 + (((7 \times 7 \times 7 \times 7 + 7/7) + 7) + 7) \\
&:= ((8+8) \times (8 \times 8 + 88)) - (8/8 + 8) \\
&:= (9+9)/9 + ((9 \times 9 + 9) \times (9+9+9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2424 &:= (1+1) \times (1 + (1 + (11 \times (111-1)))) \\
&:= 2 + (((2 \times 22)^2 + 22^2) + 2) \\
&:= 3 + (3 \times ((3^3 \times (3^3 + 3)) - 3)) \\
&:= 4 + 44 \times (44/4 + 44) \\
&:= (5-5/5) \times ((55 \times 55 + 5)/5) \\
&:= 6 + (6 \times (6 \times 66 + 6) + 6) \\
&:= 7 + (((7 \times 7 \times 7 \times 7 + ((7+7)/7)) + 7) + 7) \\
&:= ((8+8) \times (8 \times 8 + 88)) - 8 \\
&:= ((9+9)/9) \times (((99/9) \times 999/9) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2425 &:= 1 + ((1+1) \times (1 + (1 + (11 \times (111-1)))))) \\
&:= (22/2)^2 + ((2 \times (22+2))^2) \\
&:= 3 + ((3 \times ((3^3 \times (3^3 + 3)) - 3)) + 3/3) \\
&:= 4 + (((4-4/4) + 4)^4) + 4 \times 4 + 4 \\
&:= 5555 - (5^5 + 5) \\
&:= 6 + ((6 \times (6 \times 66 + 6) + 6/6) + 6) \\
&:= 7 + ((7 \times 7 \times 7 \times 7 + ((77-7)/7)) + 7) \\
&:= 8/8 + (((8+8) \times (8 \times 8 + 88)) - 8) \\
&:= ((9-99)/(9+9)) + (9 \times 9 + 9) \times (9+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2426 &:= (1+1) \times (1 + (1 + (1 + (11 \times (111-1)))))) \\
&:= (22 \times 222/2) - 2^{2+2} \\
&:= (3 \times (3^3 \times (3^3 + 3))) - (3/3 + 3) \\
&:= (((4/4 + 4) \times (44 \times 44 + 4)) + 4)/4 \\
&:= 5 \times 5 + (((5+5)/5 + 5)^{5-5/5}) \\
&:= 6 + ((6 \times (6 \times 66 + 6) + ((6+6)/6)) + 6) \\
&:= 7 + ((7 \times 7 \times 7 \times 7 + (77/7)) + 7) \\
&:= (8+8)/8 + (((8+8) \times (8 \times 8 + 88)) - 8) \\
&:= ((9-9 \times 9)/(9+9)) + (9 \times 9 + 9) \times (9+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2427 &:= ((1+1) \times (11 \times 111 - (1+1))) - 11 \\
&:= 2 + (((2 \times (22+2))^2) + (22/2)^2) \\
&:= (3 \times (3^3 \times (3^3 + 3))) - 3 \\
&:= (4 \times ((4+4) \times 44 + 4^4)) - (4/4 + 4) \\
&:= (5+5)/5 + (5555 - (5^5 + 5)) \\
&:= 6 + ((6 \times (6 \times 66 + 6) + (6 \times 6/(6+6))) + 6) \\
&:= 7 + ((7 \times 7 \times 7 \times 7 + (77+7)/7) + 7) \\
&:= 88/8 + ((8+8) \times ((88-8/8) + 8 \times 8)) \\
&:= ((9+9+9)/9) \times (9 \times (9 \times 9 + 9) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2428 &:= (11 \times ((1+1) \times 111 - 1)) - 1 - 1 - 1 \\
&:= 22^2 + (2 \times (2 \times (22^2 + 2))) \\
&:= 3^3 + (((3/3 + 3) + 3)^{3/3+3}) \\
&:= (4 \times ((4+4) \times 44 + 4^4)) - 4 \\
&:= 5555 - ((5+5)/5 + 5^5) \\
&:= 6 + (6 \times (6 \times 66 + 6) + ((66-6)/6)) \\
&:= 77 + (7 \times (7 \times 7 \times 7 - 7) - 7/7) \\
&:= ((8+8) \times (8 \times 8 + 88)) - (8/((8+8)/8)) \\
&:= (9 \times 9 + 9) \times (9+9+9) - (9+9)/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2429 &:= (11 \times ((1+1) \times 111 - 1)) - 1 - 1 \\
&:= (22/2 \times (222-2/2)) - 2 \\
&:= (3 \times (3^3 \times (3^3 + 3))) - 3/3 \\
&:= 44 + (((4-4/4) + 4)^4) - 4 \times 4 \\
&:= 5555 - (5^5 + 5/5) \\
&:= 6 + (6 \times (6 \times 66 + 6) + (66/6)) \\
&:= 77 + 7 \times (7 \times 7 \times 7 - 7) \\
&:= 8 + (((8+8) \times (8 \times 8 + 88)) - (88/8)) \\
&:= (9 \times 9 + 9) \times (9+9+9) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2430 &:= (11 \times ((1+1) \times 111 - 1)) - 1 \\
&:= (2/2 + 2 + 2) \times (22^2 + 2) \\
&:= 3 \times (3^3 \times (3^3 + 3)) \\
&:= (4/4 + 4) \times (((44 \times 44 + 4) + 4)/4) \\
&:= 5555 - 5^5 \\
&:= 6 + ((6 \times (6 \times 66 + 6) + 6) + 6) \\
&:= 7/7 + (7 \times (7 \times 7 \times 7 - 7) + 77) \\
&:= ((8+8) \times (8 \times 8 + 88)) - (8+8)/8 \\
&:= (9 \times 9 + 9) \times (9+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2431 &:= 11 \times ((1+1) \times 111 - 1) \\
&:= 22/2 \times (222 - 2/2) \\
&:= 3/3 + (3 \times (3^3 \times (3^3 + 3))) \\
&:= (4 \times ((4+4) \times 44 + 4^4)) - 4/4 \\
&:= 5/5 + (5555 - 5^5) \\
&:= 66 + (6 \times 6 \times 66 - (66/6)) \\
&:= 77 + (7 \times (7 \times 7 \times 7 - 7) + ((7+7)/7)) \\
&:= ((8+8) \times (8 \times 8 + 88)) - 8/8 \\
&:= 9/9 + (9 \times 9 + 9) \times (9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2432 &:= 1 + (11 \times ((1+1) \times 111 - 1)) \\
&:= 2 + ((2/2 + 2 + 2) \times (22^2 + 2)) \\
&:= 3 + ((3 \times (3^3 \times (3^3 + 3))) - 3/3) \\
&:= 4 \times ((4+4) \times 44 + 4^4) \\
&:= (5+5)/5 + (5555 - 5^5) \\
&:= ((6+6)/6)^6 \times ((6+6)/6 + 6 \times 6) \\
&:= ((7+7)/7)^7 \times ((77+7)/7 + 7) \\
&:= (8+8) \times (8 \times 8 + 88) \\
&:= (9+9)/9 + (9 \times 9 + 9) \times (9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2433 &:= 1 + (1 + (11 \times ((1+1) \times 111 - 1))) \\
&:= 2 + (22/2 \times (222 - 2/2)) \\
&:= 3 + (3 \times (3^3 \times (3^3 + 3))) \\
&:= 4 \times (4+4) + (((4-4/4) + 4)^4) \\
&:= 5 + (5555 - ((5+5)/5 + 5^5)) \\
&:= 66 + (((6-66) + 6)/6) + 6 \times 6 \times 66 \\
&:= 7 + (((7 \times 7 \times 7 + 7) + (77/7)) + 7) + 7 \\
&:= 8/8 + ((8+8) \times (8 \times 8 + 88)) \\
&:= ((9+9+9)/9) + (9 \times 9 + 9) \times (9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2434 &:= 1 + (1 + (1 + (11 \times ((1+1) \times 111 - 1)))) \\
&:= (22 \times 222/2) - 2 \times (2+2) \\
&:= 3 + ((3 \times (3^3 \times (3^3 + 3))) + 3/3) \\
&:= 44 + (((4-4/4) + 4)^4) - 44/4 \\
&:= 5 + (5555 - (5^5 + 5/5)) \\
&:= 6 \times 6 \times 66 + (((6+6)/6)^6 - 6) \\
&:= 7 \times (7 \times 7 \times 7 + 7) - (((7+7)/7 + 7) + 7) \\
&:= (8+8)/8 + ((8+8) \times (8 \times 8 + 88)) \\
&:= ((9 \times 9 - 9)/(9+9)) + (9 \times 9 + 9) \times (9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2435 &:= ((1+1) \times (1 + (1 + 11 \times 111))) - 11 \\
&:= 2 + ((22/2 \times (222 - 2/2)) + 2) \\
&:= 3 + (((3 \times (3^3 \times (3^3 + 3))) - 3/3) + 3) \\
&:= (4 \times (4/4 + 4)^4) - (4^4 + 4)/4 \\
&:= 5 + (5555 - 5^5) \\
&:= 66 + (6 \times 6 \times 66 - (6/6 + 6)) \\
&:= 7 \times (7 \times 7 \times 7 + 7) - (7/7 + 7 + 7) \\
&:= 88/8 + (((8+8) \times (8 \times 8 + 88)) - 8) \\
&:= ((9 \times 9 + 9)/(9+9)) + (9 \times 9 + 9) \times (9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2436 &:= (1+1) \times (11 \times 111 - (1+1+1)) \\
&:= (22 \times 222/2) - (2+2+2) \\
&:= 3 + ((3 \times (3^3 \times (3^3 + 3))) + 3) \\
&:= 4 \times ((4/4 + 4)^4 - 4 \times 4) \\
&:= 5 + ((5555 - 5^5) + 5/5) \\
&:= 66 + (6 \times 6 \times 66 - 6) \\
&:= 7 \times (7 \times 7 \times 7 + 7) - (7+7) \\
&:= (8-8/8) \times ((8 \times 88 - 8)/(8+8)/8) \\
&:= 9 + (((9+9+9)/9) \times (9 \times (9 \times 9 + 9) - 9/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2437 &:= ((1+1) \times (11 \times 111 - (1+1))) - 1 \\
&:= (((22 \times 222) - 2)/2) - 2 - 2 \\
&:= 3 + (((3 \times (3^3 \times (3^3 + 3))) + 3/3) + 3) \\
&:= 4 + (((4-4/4) + 4)^4) + 4 \times (4+4) \\
&:= 5 + ((5555 - 5^5) + ((5+5)/5)) \\
&:= 6 \times 6 + ((6/6 + 6)^{6-(6+6)/6}) \\
&:= 7/7 + (7 \times (7 \times 7 \times 7 + 7) - (7+7)) \\
&:= 8 + (((8+8) \times (8 \times 8 + 88)) - (88/8)) + 8 \\
&:= 9 + ((9 \times 9 + 9) \times (9 + 9 + 9) - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2438 &:= (1+1) \times (11 \times 111 - (1+1)) \\
&:= (22 \times 222/2) - 2 - 2 \\
&:= (3 \times ((3^3 \times (3^3 + 3)) + 3)) - 3/3 \\
&:= (4+4)/4 + (4 \times ((4/4 + 4)^4 - 4 \times 4)) \\
&:= 5^5 + ((5-5 \times 5 \times 5 \times 55)/(5+5)) \\
&:= 6 + (((6+6)/6)^6 \times ((6+6)/6 + 6 \times 6)) \\
&:= 7 \times (7 \times 7 \times 7 + 7) - (77+7)/7 \\
&:= 8 + (((8+8) \times (8 \times 8 + 88)) - ((8+8)/8)) \\
&:= 9 + ((9 \times 9 + 9) \times (9 + 9 + 9) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2439 &:= ((1+1) \times (11 \times 111 - 1)) - 1 \\
&:= (((22 \times 222) - 2)/2) - 2 \\
&:= 3 \times ((3^3 \times (3^3 + 3)) + 3) \\
&:= 4 + ((4 \times (4/4 + 4)^4) - (4^4 + 4)/4) \\
&:= 5^5 - (((5^5 + 5)/5 + 55) + 5) \\
&:= 66 + (6 \times 6 \times 66 - (6 \times 6)/(6+6)) \\
&:= 7 \times (7 \times 7 \times 7 + 7) - 77/7 \\
&:= 8 + (((8+8) \times (8 \times 8 + 88)) - 8/8) \\
&:= 9 + (9 \times 9 + 9) \times (9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2440 &:= (1+1) \times (11 \times 111 - 1) \\
&:= (22 \times 222/2) - 2 \\
&:= 3/3 + (3 \times ((3^3 \times (3^3 + 3)) + 3)) \\
&:= 4 + (4 \times ((4/4 + 4)^4 - 4 \times 4)) \\
&:= 5 + (5555 - 5^5 + 5) \\
&:= 6 \times 6 \times 66 + ((6+6)/6)^6 \\
&:= ((7-77)/7) + 7 \times (7 \times 7 \times 7 + 7) \\
&:= 8 + ((8+8) \times (8 \times 8 + 88)) \\
&:= 9 + ((9 \times 9 + 9) \times (9 + 9 + 9) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2441 &:= ((1+1) \times 11 \times 111) - 1 \\
&:= ((22 \times 222) - 2)/2 \\
&:= 33/3 + (3 \times (3^3 \times (3^3 + 3))) \\
&:= 44 + (((4-4/4) + 4)^4) - 4 \\
&:= 5^5 + (((5-5^5)/5) - (55+5)) \\
&:= 66 + (6 \times 6 \times 66 - 6/6) \\
&:= 7 \times (7 \times 7 \times 7 + 7) - ((7+7)/7 + 7) \\
&:= 8 + (((8+8) \times (8 \times 8 + 88)) + 8/8) \\
&:= 99/9 + (9 \times 9 + 9) \times (9 + 9 + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2442 &:= (1+1) \times 11 \times 111 \\
&:= 22 \times 222/2 \\
&:= 3 + (3 \times ((3^3 \times (3^3 + 3)) + 3)) \\
&:= 44/4 \times (444/((4+4)/4)) \\
&:= 555/5 \times (55+55)/5 \\
&:= 66 + 6 \times 6 \times 66 \\
&:= 7 \times (7 \times 7 \times 7 + 7) - (7/7 + 7) \\
&:= 888/8 \times (88+88)/8 \\
&:= 999/9 \times ((99+99)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2443 &:= 1 + ((1+1) \times 11 \times 111) \\
&:= ((22 \times 222) + 2)/2 \\
&:= ((33 \times ((3+3)^3 + 3) + 3) + 3)/3 \\
&:= 4^4 + ((4-4/4)^{4+4-4/4}) \\
&:= 5^5 - ((5^5 + 5 + 5)/5 + 55) \\
&:= 66 + (6 \times 6 \times 66 + 6/6) \\
&:= 7 \times (7 \times 7 \times 7 + 7) - 7 \\
&:= 88/8 + ((8+8) \times (8 \times 8 + 88)) \\
&:= 9/9 + (999/9 \times ((99+99)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2444 &:= (1+1) \times (1 + 11 \times 111) \\
&:= 2 + (22 \times 222/2) \\
&:= 3 + ((3 \times (3^3 \times (3^3 + 3))) + 33/3) \\
&:= 44 + ((4+4) \times (44 + 4^4)) \\
&:= 5^5 - ((5^5 + 5)/5 + 55) \\
&:= 66 + (6 \times 6 \times 66 + ((6+6)/6)) \\
&:= 7/7 + (7 \times (7 \times 7 \times 7 + 7) - 7) \\
&:= ((88+8)/8) + ((8+8) \times (8 \times 8 + 88)) \\
&:= ((9+9)/9) \times (((99 \times 999/9) + 9)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2445 &:= 1 + ((1+1) \times (1 + 11 \times 111)) \\
&:= 2 + (((22 \times 222) + 2)/2) \\
&:= ((3^3 - 3) \times (3 \times 33 + 3)) - 3 \\
&:= 44 + (((4-4/4) + 4)^4) \\
&:= 5^5 - (5^5/5 + 55) \\
&:= 66 + (6 \times 6 \times 66 + (6 \times 6)/(6+6)) \\
&:= (7+7)/7 + (7 \times (7 \times 7 \times 7 + 7) - 7) \\
&:= (88/8 - 8) \times (888/8 + 8 \times 88) \\
&:= 999 + (9 \times 9 \times (9+9) - ((99+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2446 &:= (1+1) \times (1+(1+11 \times 111)) \\
&:= 2 + ((22 \times 222/2) + 2) \\
&:= 3 + (((33 \times ((3+3)^3 + 3) + 3) + 3)/3) \\
&:= 44 + (((4-4/4) + 4)^4) + 4/4 \\
&:= 5^5 + (((5-5^5)/5) - 55) \\
&:= 6 + (6 \times 6 \times 66 + ((6+6)/6)^6) \\
&:= 7 + (7 \times (7 \times 7 \times 7 + 7) - (77/7)) \\
&:= 8 + (((8+8) \times (8 \times 8 + 88)) - ((8+8)/8) + 8) \\
&:= 999 + (9 \times 9 \times (9+9) - (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2447 &:= 1 + ((1+1) \times (1+(1+11 \times 111))) \\
&:= 2 + (((22 \times 222) + 2)/2) + 2) \\
&:= ((33/3 + 3)^3) - 3 \times 3 \times 33 \\
&:= (4^4 \times ((4+4) + 4)) - (4/4 + 4)^4 \\
&:= 5^5 + (((5-5^5) + 5)/5) - 55) \\
&:= (6 \times (6 \times 66 + 6 + 6)) - 6/6 \\
&:= 7 \times (7 \times 7 \times 7 + 7) - (7+7+7)/7 \\
&:= 8 + (((8+8) \times (8 \times 8 + 88)) - 8/8) + 8) \\
&:= 9 + (((9 \times 9 + 9) \times (9+9+9) - 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2448 &:= (1+1) \times (1+(1+(1+11 \times 111))) \\
&:= 2^{22/2} + (22-2)^2 \\
&:= (3^3 - 3) \times (3 \times 33 + 3) \\
&:= 4 \times (((4+4) \times 44 + 4^4) + 4) \\
&:= 5 + (5^5 - ((5^5 + 5 + 5)/5 + 55)) \\
&:= 6 \times (6 \times 66 + 6 + 6) \\
&:= 7 \times (7 \times 7 \times 7 + 7) - (7+7)/7 \\
&:= 8 + (((8+8) \times (8 \times 8 + 88)) + 8) \\
&:= 9 + ((9 \times 9 + 9) \times (9+9+9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2449 &:= 1 + ((1+1) \times (1+(1+(1+11 \times 111)))) \\
&:= (((2 \times (22+2)) + 22)^2) - 2)/2 \\
&:= 3/3 + ((3^3 - 3) \times (3 \times 33 + 3)) \\
&:= 4 + (((4-4/4) + 4)^4) + 44 \\
&:= 5 + (5^5 - ((5^5 + 5)/5 + 55)) \\
&:= 6/6 + (6 \times (6 \times 66 + 6 + 6)) \\
&:= 7 \times (7 \times 7 \times 7 + 7) - 7/7 \\
&:= 8 + (((8+8) \times (8 \times 8 + 88)) + 8/8) + 8) \\
&:= 9 + (((9 \times 9 + 9) \times (9+9+9) + 9/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2450 &:= 11 + (((1+1) \times (11 \times 111 - 1)) - 1) \\
&:= 2 \times (((22/2 + 22) + 2)^2) \\
&:= 3 + (((33/3 + 3)^3) - 3 \times 3 \times 33) \\
&:= (44 - 4)/4 \times (4^4 - 44/4) \\
&:= (5+5) \times (5 \times 5 \times (5+5) - 5) \\
&:= (6+6)/6 + (6 \times (6 \times 66 + 6 + 6)) \\
&:= 7 \times (7 \times 7 \times 7 + 7) \\
&:= 8 + (888/8 \times (88 + 88)/8) \\
&:= 9 + ((9 \times 9 + 9) \times (9+9+9) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2451 &:= 11 + ((1+1) \times (11 \times 111 - 1)) \\
&:= (22/2 \times (222 + 2/2)) - 2 \\
&:= 3 + ((3^3 - 3) \times (3 \times 33 + 3)) \\
&:= 4 + ((4^4 \times ((4+4) + 4)) - (4/4 + 4)^4) \\
&:= 5 + (((5-5^5)/5) - 55) + 5^5) \\
&:= 666/6 + 6 \times (6 \times 66 - 6) \\
&:= 7/7 + 7 \times (7 \times 7 \times 7 + 7) \\
&:= (88/8 + 8) \times (8 \times (8+8) + 8/8) \\
&:= 9 + (999/9 \times (99 + 99)/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2452 &:= (11 \times (1+(1+1) \times 111)) - 1 \\
&:= 2 + (2 \times (((22/2 + 22) + 2)^2)) \\
&:= 3 + (((3^3 - 3) \times (3 \times 33 + 3)) + 3/3) \\
&:= 4 \times (((4/4 + 4)^4 - 4 \times 4) + 4) \\
&:= (5 - 5/5) \times ((5^5 - (55 + 5))/5) \\
&:= 6 + ((6 \times 6 \times 66 + ((6+6)/6)^6) + 6) \\
&:= (7+7)/7 + 7 \times (7 \times 7 \times 7 + 7) \\
&:= (((88 \times (8 \times 8 - 8)) - 8)/(8+8)/8) - 8 \\
&:= ((99 + 99)/9) + (9 \times 9 + 9) \times (9+9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2453 &:= 11 \times (1+(1+1) \times 111) \\
&:= 22/2 \times (222 + 2/2) \\
&:= 33 + (33 \times 33 + (33/3)^3) \\
&:= 4 + (((4-4/4) + 4)^4) + 44 + 4) \\
&:= 5^5 - ((5/5 + 5) \times (555 + 5)/5) \\
&:= 6 + ((6 \times (6 \times 66 + 6 + 6)) - 6/6) \\
&:= (7+7+7)/7 + 7 \times (7 \times 7 \times 7 + 7) \\
&:= 88/8 \times (((8 \times (8+8) - 8/8) + 88) + 8) \\
&:= 99/9 \times (9 \times (9+9+9) - (99/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2454 &:= 1 + (11 \times (1+(1+1) \times 111)) \\
&:= 2 \times (((22/2 + 22) + 2)^2) + 2) \\
&:= 3^{3+3} + ((3 \times 3 + 3)^3 - 3) \\
&:= 4 + ((44 - 4)/4 \times (4^4 - 44/4)) \\
&:= 5 + (5^5 - ((5^5 + 5)/5 + 55)) + 5) \\
&:= 6 + (6 \times (6 \times 66 + 6 + 6)) \\
&:= 77/7 + (7 \times (7 \times 7 \times 7 + 7) - 7) \\
&:= ((8+8)/8) \times (8 \times (8 \times 8 + 88) + (88/8)) \\
&:= 999 + (9 \times 9 \times (9+9) - ((9+9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2455 &:= 1 + (1 + (11 \times (1+(1+1) \times 111))) \\
&:= 2 + (22/2 \times (222 + 2/2)) \\
&:= 3/3 + (((3 \times 3 + 3)^3 - 3) + 3^{3+3}) \\
&:= (4 \times (4/4 + 4)^4) - (44 + 4/4) \\
&:= 5 + ((5+5) \times (5 \times 5 \times (5+5) - 5)) \\
&:= 6 + ((6 \times (6 \times 66 + 6 + 6)) + 6/6) \\
&:= 7 + (7 \times (7 \times 7 \times 7 + 7) - ((7+7)/7)) \\
&:= 8 + (((8+8) \times (8 \times 8 + 88)) - 8/8) + 8) + 8) \\
&:= 999 + (9 \times 9 \times (9+9) - ((9+9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2456 &:= 1 + (1 + (1 + (11 \times (1 + (1+1) \times 111)))) \\
&:= (2 \times (22 + 2) + 2)^2 - (2 \times 22) \\
&:= 3^{3+3} + ((3 \times 3 + 3)^3 - 3/3) \\
&:= (4 \times (4/4 + 4)^4) - 44 \\
&:= (5 - 5/5) \times ((5^5 - 55)/5) \\
&:= 6 + ((6 \times (6 \times 66 + 6 + 6)) + ((6+6)/6)) \\
&:= 7 + (7 \times (7 \times 7 \times 7 + 7) - 7/7) \\
&:= 8 + (((8+8) \times (8 \times 8 + 88)) + 8) + 8) \\
&:= 999 + (9 \times 9 \times (9+9) - 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2457 &:= 11 + ((1+1) \times (1+(1+11 \times 111))) \\
&:= 2 + ((22/2 \times (222 + 2/2)) + 2) \\
&:= 3^{3+3} + (3 \times 3 + 3)^3 \\
&:= 4/4 + ((4 \times (4/4 + 4)^4) - 44) \\
&:= 5 + ((5 - 5/5) \times ((5^5 - (55 + 5))/5)) \\
&:= 6 + (6 \times (6 \times 66 - 6) + 666/6) \\
&:= 7 + 7 \times (7 \times 7 \times 7 + 7) \\
&:= 8 \times 8 + (((8 - 8/8)^{8 \times 8 / (8+8)}) - 8) \\
&:= 999 + 9 \times 9 \times (9+9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2458 &:= (1+1) \times ((11 \times (1+111)) - (1+1+1)) \\
&:= 2^{2+2} + (22 \times 222/2) \\
&:= 3/3 + ((3 \times 3 + 3)^3 + 3^{3+3}) \\
&:= (4+4)/4 + ((4 \times (4/4 + 4)^4) - 44) \\
&:= 5^5 - ((555 + 5)/5 + 555) \\
&:= ((66 - 6)/6) + (6 \times (6 \times 66 + 6 + 6)) \\
&:= 7 + (7 \times (7 \times 7 \times 7 + 7) + 7/7) \\
&:= 8 + ((888/8 \times (88 + 88)/8) + 8) \\
&:= 9/9 + (9 \times 9 \times (9+9) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2459 &:= ((1+1) \times ((11 \times (1+111)) - (1+1))) - 1 \\
&:= 2^{2+2} + (((22 \times 222) + 2)/2) \\
&:= 3 + (((3 \times 3 + 3)^3 - 3/3) + 3^{3+3}) \\
&:= 4 + (4 \times (4/4 + 4)^4) - (44 + 4/4) \\
&:= 5^5 - (555/5 + 555) \\
&:= 66/6 + (6 \times (6 \times 66 + 6 + 6)) \\
&:= 7 + (7 \times (7 \times 7 \times 7 + 7) + ((7+7)/7)) \\
&:= 8 + ((88/8 + 8) \times (8 \times (8+8) + 8/8)) \\
&:= (9+9)/9 + (9 \times 9 \times (9+9) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2460 &:= (1+1) \times ((11 \times (1+111)) - (1+1)) \\
&:= (22-2) \times ((22/2)^2 + 2) \\
&:= 3 + ((3 \times 3 + 3)^3 + 3^{3+3}) \\
&:= 4 + ((4 \times (4/4 + 4)^4) - 44) \\
&:= (5 - 5/5) \times (5^5/5 - (5+5)) \\
&:= 6 + ((6 \times (6 \times 66 + 6 + 6)) + 6) \\
&:= ((77 - 7)/7) + 7 \times (7 \times 7 \times 7 + 7) \\
&:= ((88 \times (8 \times 8 - 8)) - 8)/(8+8)/8) \\
&:= 999/9 + 9 \times (9 \times (9+9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2461 &:= ((1+1) \times ((11 \times (1+111)) - 1)) - 1 \\
&:= (((22 \times (222+2)) - 2)/2) - 2 \\
&:= 3 + (((3 \times 3 + 3)^3 + 3^{3+3}) + 3/3) \\
&:= 4 \times 4 + (((4 - 4/4) + 4)^4) + 44 \\
&:= 5 + ((5 - 5/5) \times (5^5 - 55)/5) \\
&:= 6 + (((6 \times (6 \times 66 + 6 + 6)) + 6/6) + 6) \\
&:= 77/7 + 7 \times (7 \times 7 \times 7 + 7) \\
&:= 8/8 + (((88 \times (8 \times 8 - 8)) - 8)/(8+8)/8) \\
&:= ((999+9)/9) + 9 \times (9 \times (9+9) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2462 &:= (1+1) \times ((11 \times (1+111)) - 1) \\
&:= (22 \times (222+2)/2) - 2 \\
&:= 33 + ((3 \times (3^3 \times (3^3 + 3))) - 3/3) \\
&:= (4^4 + 4)/4 + (((4 - 4/4) + 4)^4) - 4 \\
&:= 5 \times 555 - (5^5 + 5)/(5+5) \\
&:= 6 + (((6 \times (6 \times 66 + 6 + 6)) + ((6+6)/6)) + 6) \\
&:= (77+7)/7 + 7 \times (7 \times 7 \times 7 + 7) \\
&:= (8 \times ((88 \times (8 \times 8 - 8))/(8+8))) - (8+8)/8 \\
&:= 9 + ((99/9) \times (9 \times (9+9+9) - (99/9+9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2463 &:= ((1+1) \times (11 \times (1+111))) - 1 \\
&:= ((22 \times (222+2)) - 2)/2 \\
&:= 33 + (3 \times (3^3 \times (3^3 + 3))) \\
&:= (44 \times (44 + 4 + 4 + 4)) - 4/4 \\
&:= 5 \times 555 + ((5 - 5^5)/(5+5)) \\
&:= 6 + ((6 \times (6 \times 66 - 6) + 666/6) + 6) \\
&:= 7 + ((7 \times (7 \times 7 \times 7 + 7) - 7/7) + 7) \\
&:= (8 \times ((88 \times (8 \times 8 - 8))/(8+8))) - 8/8 \\
&:= ((9+9+9)/9) \times (9 \times (9 \times 9 + 9) + (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2464 &:= (1+1) \times (11 \times (1+111)) \\
&:= 22 \times (222+2)/2 \\
&:= 3/3 + ((3 \times (3^3 \times (3^3 + 3))) + 33) \\
&:= 44 \times (44 + 4 + 4 + 4) \\
&:= 5^5 - (((55+5^5)/5) + 5 \times 5) \\
&:= 66/6 \times ((6 \times 6 \times 6 + (6+6)/6) + 6) \\
&:= 7 + 7 \times (7 \times 7 \times 7 + 7) + 7 \\
&:= 8 \times ((88 \times (8 \times 8 - 8))/(8+8)) \\
&:= ((9/9+9+9) + 9) \times (99 - (99/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2465 &:= 1 + ((1+1) \times (11 \times (1+111))) \\
&:= ((22 \times (222+2)) + 2)/2 \\
&:= (33/3)^3 + (3^3 \times (3 \times 3 + 33)) \\
&:= 4 \times 4 \times 4 + (((4 - 4/4) + 4)^4) \\
&:= 5^5 - (55 \times ((55+5)/5)) \\
&:= 6 + ((6 \times (6 \times 66 + 6 + 6)) + (66/6)) \\
&:= 7 + ((7 \times (7 \times 7 \times 7 + 7) + 7/7) + 7) \\
&:= 8 \times 8 + ((8 - 8/8)^{8 \times 8/(8+8)}) \\
&:= 9 + ((9 \times 9 \times (9+9) - 9/9) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2466 &:= (1+1) \times (1 + (11 \times (1+111))) \\
&:= 2 + (22 \times (222+2)/2) \\
&:= 3 + ((3 \times (3^3 \times (3^3 + 3))) + 33) \\
&:= (4^4 + 4)/4 + (((4 - 4/4) + 4)^4) \\
&:= 5^5 + ((5 - (55 \times (55+5)))/5) \\
&:= 6 + (((6 \times (6 \times 66 + 6 + 6)) + 6) + 6) \\
&:= 7 + ((7 \times (7 \times 7 \times 7 + 7) + ((7+7)/7)) + 7) \\
&:= 8/8 + (((8 - 8/8)^{8 \times 8/(8+8)}) + 8 \times 8) \\
&:= 9 + (9 \times 9 \times (9+9) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2467 &:= 1 + ((1+1) \times (1 + (11 \times (1+111)))) \\
&:= 2 + (22 \times (222+2) + 2)/2 \\
&:= 3 + (((3 \times (3^3 \times (3^3 + 3))) + 33) + 3/3) \\
&:= (4 \times ((4/4 + 4)^4 - (4+4))) - 4/4 \\
&:= 5 + (5 \times 555 - (5^5 + 5)/(5+5)) \\
&:= 66 + ((6/6 + 6)^{6 - (6+6)/6}) \\
&:= 77 + (7 \times 7 \times 7 \times 7 - (77/7)) \\
&:= 8 + (((88/8 + 8) \times (8 \times (8+8) + 8/8)) + 8) \\
&:= 9 + ((9 \times 9 \times (9+9) + 999) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2468 &:= (1+1) \times (1 + (1 + (11 \times (1+111)))) \\
&:= 2 + 22 \times (222+2)/2 + 2 \\
&:= 3^{3+3} + ((3 \times 3 + 3)^3 + 33/3) \\
&:= 4 \times ((4/4 + 4)^4 - (4+4)) \\
&:= 5^5 - (((5+5)/5)^5 + 5^5/5) \\
&:= 6 \times 6 + (((6+6)/6)^6 \times ((6+6)/6 + 6 \times 6)) \\
&:= 7 + (7 \times (7 \times 7 \times 7 + 7) + (77/7)) \\
&:= ((88 \times (8 \times 8 - 8)) + 8)/(8+8)/8 \\
&:= 99/9 + (9 \times 9 \times (9+9) + 999)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2469 &:= 1 + ((1+1) \times (1 + (1 + (11 \times (1+111)))))) \\
&:= 2 + ((22 \times (222+2) + 2)/2 + 2) \\
&:= (33 \times ((3 \times (3^3 - 3)) + 3)) - 3 - 3 \\
&:= 4 + (((4 - 4/4) + 4)^4) + 4 \times 4 \times 4 \\
&:= 5^5 - (((5^5 + 5)/5 + 5 \times 5) + 5) \\
&:= 666/6 + (6 \times 6 \times 66 - (6+6+6)) \\
&:= 7 + (7 \times (7 \times 7 \times 7 + 7) + (77+7)/7) \\
&:= 8/8 + (((88 \times (8 \times 8 - 8)) + 8)/((8+8)/8)) \\
&:= 9 + (9 \times (9 \times (9+9) + 99) + 999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2470 &:= (1+1) \times (1 + (1 + (1 + (11 \times (1+111)))))) \\
&:= 2 + (22 \times (222+2)/2 + 2 + 2) \\
&:= (3 \times 3 + 3/3) \times (((3^{3+3} + 3)/3) + 3) \\
&:= 4 + (((4 - 4/4) + 4)^4) + (4^4 + 4)/4 \\
&:= 55 \times 55 - 555 \\
&:= (66 - 6/6) \times ((6+6)/6 + 6 \times 6) \\
&:= 77 + (7 \times 7 \times 7 \times 7 - (7/7 + 7)) \\
&:= (88/8 + 8) \times (8 \times (8+8) + ((8+8)/8)) \\
&:= (9/9+9) \times (((9+9)/9)^{9-9/9} - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2471 &:= 1 + ((1+1) \times (1 + (1 + (1 + (11 \times (1+111)))))) \\
&:= (2 \times (2 + 2 + 2)^{2+2}) - (22/2)^2 \\
&:= (33 \times ((3 \times (3^3 - 3)) + 3)) - (3/3 + 3) \\
&:= 4 + ((4 \times ((4/4 + 4)^4 - (4+4))) - 4/4) \\
&:= 5^5 + (((5 - 5^5)/5) - (5 \times 5 + 5)) \\
&:= 66 + ((6 \times 6 + 6/6) \times (66 - 6/6)) \\
&:= 77 + (7 \times 7 \times 7 \times 7 - 7) \\
&:= ((8+8+8) \times (888/8 - 8)) - 8/8 \\
&:= ((9 \times 9 - 9/9) \times (((99+99)/9) + 9)) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2472 &:= 11 + (((1+1) \times ((11 \times (1+111)) - 1)) - 1) \\
&:= 2 \times (2 \times ((2 \times (22 \times (2^{2+2} - 2))) + 2)) \\
&:= (33 \times ((3 \times (3^3 - 3)) + 3)) - 3 \\
&:= 4 + (4 \times ((4/4 + 4)^4 - (4+4))) \\
&:= (5 - 5/5) \times ((5^5 - 5 - 5)/5 - 5) \\
&:= 66 + (6 \times (6 \times 66 + 6) - 6) \\
&:= 7/7 + ((7 \times 7 \times 7 \times 7 - 7) + 77) \\
&:= (8 + 8 + 8) \times (888/8 - 8) \\
&:= (9 - 9/9) \times ((999/9 + 99) + 99)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2473 &:= 11 + ((1+1) \times ((11 \times (1+111)) - 1)) \\
&:= ((22/2 + 2)^2) + ((2 \times (22 + 2))^2) \\
&:= 3/3 + ((33 \times ((3 \times (3^3 - 3)) + 3)) - 3) \\
&:= (4 \times ((4/4 + 4)^4 - 4)) - 44/4 \\
&:= 5^5 - (((5^5 + 5 + 5)/5 + 5 \times 5) \\
&:= ((6 \times 6 + 6/6) \times (66 + 6/6)) - 6 \\
&:= 77 + ((7 \times 7 \times 7 \times 7 - 7) + ((7+7)/7)) \\
&:= 8 + (((8 - 8/8)^{8 \times 8/(8+8)}) + 8 \times 8) \\
&:= 9 + (((9/9 + 9 + 9) + 9) \times (99 - (99/9)))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2474 &:= (11 \times (1 + ((1+1) \times (1 + 111)))) - 1 \\
&:= 2222 + (2^{2 \times (2+2)} - (2+2)) \\
&:= (33 \times ((3 \times (3^3 - 3)) + 3)) - 3/3 \\
&:= 4^4 + (4 \times 4444/(4+4) - 4) \\
&:= 5^5 - (((5^5 + 5)/5 + 5 \times 5) \\
&:= 66 + ((6 \times (6 \times 66 + 6) - 6) + ((6+6)/6)) \\
&:= 7 + ((7 \times 7 \times 7 \times 7 - (77/7)) + 77) \\
&:= (8+8)/8 + ((8+8+8) \times (888/8 - 8)) \\
&:= (99 \times (((9 - ((9+9)/9)) + 9) + 9)) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2475 &:= 11 \times (1 + ((1+1) \times (1 + 111))) \\
&:= 22/2 \times ((222+2)/2 + 2) \\
&:= 33 \times ((3 \times (3^3 - 3)) + 3) \\
&:= (44 + 4/4) \times (44/4 + 44) \\
&:= 55 \times (55 - 5 - 5) \\
&:= 666/6 + (6 \times 6 \times 66 - (6+6)) \\
&:= 7 + ((7 \times (7 \times 7 \times 7 + 7) + (77/7)) + 7) \\
&:= 88/8 \times ((8 - 8/8 + 8)^{(8+8)/8}) \\
&:= 99 \times (((9 - ((9+9)/9)) + 9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2476 &:= 1 + (11 \times (1 + ((1 + 1) \times (1 + 111)))) \\
&:= 2222 + (2^{2 \times (2+2)} - 2) \\
&:= 3/3 + (33 \times ((3 \times (3^3 - 3)) + 3)) \\
&:= 4^4 + (4/4 + 4) \times 444 \\
&:= 5^5 + (((5 - 5^5)/5) - 5 \times 5) \\
&:= ((6 + 6)/6)^6 + 6 \times (6 \times 66 + 6) \\
&:= 77 + (7 \times 7 \times 7 \times 7 - ((7 + 7)/7)) \\
&:= 8 + (((88 \times (8 \times 8 - 8)) + 8)/(8 + 8/8)) \\
&:= 9/9 + (99 \times (((9 - (9 + 9)/9) + 9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2477 &:= 1 + (1 + (11 \times (1 + ((1 + 1) \times (1 + 111)))))) \\
&:= 2 + (22/2 \times ((222 + 2/2) + 2)) \\
&:= 3 + ((33 \times ((3 \times (3^3 - 3)) + 3)) - 3/3) \\
&:= 4 + ((4 \times ((4/4 + 4)^4 - 4)) - 44/4) \\
&:= 5^5 + (((5 - 5^5) + 5)/5) - 5 \times 5 \\
&:= 66 + (6 \times (6 \times 66 + 6) - 6/6) \\
&:= 77 + (7 \times 7 \times 7 \times 7 - 7/7) \\
&:= 8 \times 8 + ((88/8 + 8) \times (8 \times (8 + 8) - 8/8)) \\
&:= 9 + (9 \times 9 \times (9 + 9) + 999) + (99/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2478 &:= 1 + (1 + (1 + (11 \times (1 + ((1 + 1) \times (1 + 111)))))) \\
&:= 2222 + 2^{2 \times (2+2)} \\
&:= 3 + (33 \times ((3 \times (3^3 - 3)) + 3)) \\
&:= 4^4 + 4 \times 4444/(4 + 4) \\
&:= 5^5 - (((55 + 55) + 5^5)/5) \\
&:= 66 + 6 \times (6 \times 66 + 6) \\
&:= 77 + 7 \times 7 \times 7 \times 7 \\
&:= 8 + ((88/8 + 8) \times (8 \times (8 + 8) + ((8 + 8)/8))) \\
&:= (9 - ((9 + 9 + 9)/9)) \times (((9 + 9)/9)^9) - 99
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2479 &:= 11 + ((1 + 1) \times (1 + (1 + (11 \times (1 + 111)))))) \\
&:= 2/2 + (2222 + 2^{2 \times (2+2)}) \\
&:= 3 + ((33 \times ((3 \times (3^3 - 3)) + 3)) + 3/3) \\
&:= (4 \times ((4/4 + 4)^4 - 4)) - (4/4 + 4) \\
&:= 5 + (5^5 - ((5^5 + 5)/5) + 5 \times 5) \\
&:= (6 \times 6 + 6/6) \times (66 + 6/6) \\
&:= 7/7 + (7 \times 7 \times 7 \times 7 + 77) \\
&:= 8 + (((8 + 8 + 8) \times (888/8 - 8)) - 8/8) \\
&:= 9 + ((9/9 + 9) \times (((9 + 9)/9)^{9-9/9}) - 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2480 &:= (1 + 1) \times ((11 - 1) \times (1 + (1 + (1 + 11^{1+1})))) \\
&:= 2 + (2222 + 2^{2 \times (2+2)}) \\
&:= ((3^3 + 3/3) + 3) \times (3 \times 3^3 - 3/3) \\
&:= 4 \times (444 + 4 \times 44) \\
&:= 5 + (55 \times (55 - 5 - 5)) \\
&:= 66 + (6 \times (6 \times 66 + 6) + ((6 + 6)/6)) \\
&:= 77 + (7 \times 7 \times 7 \times 7 + ((7 + 7)/7)) \\
&:= 8 + ((8 + 8 + 8) \times (888/8 - 8)) \\
&:= (9 \times 9 - 9/9) \times (((99 + 99)/9) + 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2481 &:= (1 + 1 + 1) \times ((1 + 1)^{11} - 11 \times 111) \\
&:= (2 \times (2 + 2 + 2)^{2+2}) - 222/2 \\
&:= (3 \times (3 \times 33 + 3^{3+3})) - 3 \\
&:= 4/4 + (4 \times (444 + 4 \times 44)) \\
&:= 5 + (((5 - 5^5)/5) - 5 \times 5) + 5^5 \\
&:= 666/6 + (6 \times 6 \times 66 - 6) \\
&:= 7 \times (7 \times 7 - 7) + ((7 + 7 + 7)/7)^7 \\
&:= 88 + (((8 - 8/8)^{8 \times 8/(8+8)}) - 8) \\
&:= 9 \times 9 + ((99/9 + 9) \times (999/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2482 &:= (1 + 1) \times ((11 \times (1 + 1 + 111)) - (1 + 1)) \\
&:= (2 \times (22 + 2 + 2))^2 - 222 \\
&:= (3/3 + 33) \times (((3 + 3)^3 + 3)/3) \\
&:= (4 - 4/4)^4 + (((4 - 4/4) + 4)^4) \\
&:= 5 + (((5 - 5^5) + 5)/5) - 5 \times 5 + 5^5 \\
&:= 6 + (6 \times (6 \times 66 + 6) + ((6 + 6)/6)^6) \\
&:= 77 + ((7 \times 7 \times 7 \times 7 - 7) + (77/7)) \\
&:= 8 \times 88 + (((8 + 8)/8) \times (888 + 8/8)) \\
&:= ((9 + 9)/9) \times (((9 + 9)/9)^9) + 9 \times 9 \times 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2483 &:= ((1 + 1) \times ((11 \times (1 + 1 + 111)) - 1)) - 1 \\
&:= 22 \times (222/2 + 2) - 2/2 - 2 \\
&:= (3 \times (3 \times 33 + 3^{3+3})) - 3/3 \\
&:= (4 \times ((4/4 + 4)^4 - 4)) - 4/4 \\
&:= 5^5 - (((55 + 5^5) + 5)/5) + 5 \\
&:= (6 \times ((6 \times 66 + 6 + 6) + 6)) - 6/6 \\
&:= 7 + ((7 \times 7 \times 7 \times 7 - ((7 + 7)/7)) + 77) \\
&:= 8 + (88/8 \times ((8 - 8/8 + 8)^{(8+8)/8})) \\
&:= ((9 + 9 + 9) \times ((99/9) + 9 \times 9)) - 9/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2484 &:= (1 + 1) \times ((11 \times (1 + 1 + 111)) - 1) \\
&:= 22 \times (222/2 + 2) - 2 \\
&:= 3 \times (3 \times 33 + 3^{3+3}) \\
&:= 4 \times ((4/4 + 4)^4 - 4) \\
&:= 5^5 - (((55 + 5^5)/5) + 5) \\
&:= 6 \times ((6 \times 66 + 6 + 6) + 6) \\
&:= 7 + ((7 \times 7 \times 7 \times 7 - 7/7) + 77) \\
&:= 8 + (((88 \times (8 \times 8 - 8)) + 8)/(8 + 8/8)) + 8 \\
&:= (9 + 9 + 9) \times ((99/9) + 9 \times 9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2485 &:= ((1 + 1) \times (11 \times (1 + 1 + 111))) - 1 \\
&:= 22 \times (222/2 + 2) - 2/2 \\
&:= 3/3 + (3 \times (3 \times 33 + 3^{3+3})) \\
&:= 4/4 + (4 \times ((4/4 + 4)^4 - 4)) \\
&:= 5 + (55 \times (55 - 5 - 5) + 5) \\
&:= 6 + ((6 \times 6 + 6/6) \times (66 + 6/6)) \\
&:= 7 + (7 \times 7 \times 7 \times 7 + 77) \\
&:= ((8 + 8 + 8) \times (88 + 8 + 8)) - 88/8 \\
&:= 9/9 + ((9 + 9 + 9) \times ((99/9) + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2486 &:= (1 + 1) \times (11 \times (1 + 1 + 111)) \\
&:= 22 \times (222/2 + 2) \\
&:= 3 + ((3 \times (3 \times 33 + 3^{3+3})) - 3/3) \\
&:= (4 + 4)/4 + (4 \times ((4/4 + 4)^4 - 4)) \\
&:= 5^5 + (((5 - 5^5)/5) - (5 + 5 + 5)) \\
&:= 6 \times 6 \times 66 + (666 - 6)/6 \\
&:= 7 + ((7 \times 7 \times 7 \times 7 + 77) + 7/7) \\
&:= (8 - 88)/8 + ((8 + 8 + 8) \times (88 + 8 + 8)) \\
&:= (9 + 9)/9 + ((9 + 9 + 9) \times ((99/9) + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2487 &:= 1 + ((1 + 1) \times (11 \times (1 + 1 + 111))) \\
&:= 2/2 + 22 \times (222/2 + 2) \\
&:= 3 + (3 \times (3 \times 33 + 3^{3+3})) \\
&:= 4 + ((4 \times ((4/4 + 4)^4 - 4)) - 4/4) \\
&:= 5^5 - (((55 + 5^5) + 5) + 5)/5 \\
&:= 666/6 + 6 \times 6 \times 66 \\
&:= 7 + ((7 \times 7 \times 7 \times 7 + ((7 + 7)/7)) + 77) \\
&:= ((8 + 8 + 8) \times (88 + 8 + 8)) - (8/8 + 8) \\
&:= ((9 + 9 + 9)/9) \times ((9 \times 9 \times 9 + 99) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2488 &:= (1 + 1) \times (1 + (11 \times (1 + 1 + 111))) \\
&:= 2 + 22 \times (222/2 + 2) \\
&:= 3 + ((3 \times (3 \times 33 + 3^{3+3})) + 3/3) \\
&:= 4 + (4 \times ((4/4 + 4)^4 - 4)) \\
&:= 5^5 - (((55 + 5^5) + 5)/5) \\
&:= 6 \times 6 \times 66 + (666 + 6)/6 \\
&:= (7 \times (7 \times 7 \times 7 + 7 + 7)) - 77/7 \\
&:= ((8 + 8 + 8) \times (88 + 8 + 8)) - 8 \\
&:= 9 \times (9 \times (9 + 9) - 9) + 9999/9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2489 &:= 1 + ((1 + 1) \times (1 + (11 \times (1 + 1 + 111)))) \\
&:= 2^{22/2} + ((22 - 2/2)^2) \\
&:= (((3^3 + 3) \times ((3 + 3)^3 + 33)) - 3)/3 \\
&:= (4 \times (4/4 + 4)^4) - 44/4 \\
&:= 5^5 - (((55 + 5^5)/5) \\
&:= 6 + ((6 \times ((6 \times 66 + 6 + 6) + 6)) - 6/6) \\
&:= 77 + (7 \times 7 \times 7 \times 7 + (77/7)) \\
&:= 88 + ((8 - 8/8)^{8 \times 8/(8+8)}) \\
&:= 9 + ((9 \times 9 - 9/9) \times (((99 + 99)/9) + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2490 &:= (1 + 1) \times (1 + (1 + (11 \times (1 + 1 + 111)))) \\
&:= 2 + (22 \times (222/2 + 2) + 2) \\
&:= 3 + ((3 \times (3 \times 33 + 3^{3+3})) + 3) \\
&:= (4 - 44)/4 + (4 \times (4/4 + 4)^4) \\
&:= 5^5 - (5^5/5 + 5 + 5) \\
&:= 6 + (6 \times ((6 \times 66 + 6 + 6) + 6)) \\
&:= 77 + (7 \times 7 \times 7 \times 7 + (77 + 7)/7) \\
&:= 8/8 + (((8 - 8/8)^{8 \times 8/(8+8)}) + 88) \\
&:= (((9 + 9)/9) + 9 \times 9) \times (((99 + 99)/9) + 9) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2491 &:= 1 + ((1 + 1) \times (1 + (1 + (11 \times (1 + 1 + 111)))))) \\
&:= 2 + (((22 - 2/2)^2) + 2^{22/2}) \\
&:= (((3^3 + 3) \times ((3 + 3)^3 + 33)) + 3)/3 \\
&:= 444 + (4^4 \times (4 + 4) - 4/4) \\
&:= 5^5 + (((5 - 5^5)/5) - (5 + 5)) \\
&:= 6 + (((6 \times 6 + 6/6) \times (66 + 6/6)) + 6) \\
&:= (7 \times (7 \times 7 \times 7 + 7 + 7)) - (7/7 + 7) \\
&:= 88 + ((8/8 + 88) \times (88/8 + 8 + 8)) \\
&:= (((9 \times 99 + 9)/(9 + 9))^{(9+9)/9}) - 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2492 &:= (1 + 1)^{11} + ((1 + 1) \times (1 + 1) \times 111) \\
&:= 2^{22/2} + 2 \times 222 \\
&:= (3^3 + 3/3) \times ((3 \times (3^3 + 3)) - 3/3) \\
&:= 444 + 4^4 \times (4 + 4) \\
&:= (5 - 5/5) \times (5^5 - 5 - 5)/5 \\
&:= 6 + (((666 - 6)/6) + 6 \times 6 \times 66) \\
&:= (7 \times (7 \times 7 \times 7 + 7 + 7)) - 7 \\
&:= (8 - 8/8) \times ((8 \times 88 + 8)/(8 + 8)/8) \\
&:= (((9 + 9)/9)^9) + (99 \times (99/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2493 &:= 1 + ((1 + 1)^{11} + ((1 + 1) \times (1 + 1) \times 111)) \\
&:= 2/2 + (2^{22/2} + 2 \times 222) \\
&:= 3 \times ((3 \times 33 + 3^{3+3}) + 3) \\
&:= 4 + ((4 \times (4/4 + 4)^4) - 44/4) \\
&:= 5^5 - ((5^5 + 5 + 5)/5 + 5) \\
&:= 6 + (666/6 + 6 \times 6 \times 66) \\
&:= ((7/7 + 7 \times 7)^{(7+7)/7}) - 7 \\
&:= 8 + (((8 + 8 + 8) \times (88 + 8 + 8)) - (88/8)) \\
&:= 9 + ((9 + 9 + 9) \times ((99/9) + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2494 &:= (1 + 1)^{11} + ((1 + 1) \times (1 + (1 + 1) \times 111)) \\
&:= 2 + (2^{22/2} + 2 \times 222) \\
&:= 3/3 + (3 \times ((3 \times 33 + 3^{3+3}) + 3)) \\
&:= (4 \times (4/4 + 4)^4) - ((4 + 4)/4 + 4) \\
&:= 5^5 - ((5^5 + 5)/5 + 5) \\
&:= 6 + ((666 + 6)/6 + 6 \times 6 \times 66) \\
&:= 7/7 + (((7/7 + 7 \times 7)^{(7+7)/7}) - 7) \\
&:= ((8 + 8 + 8) \times (88 + 8 + 8)) - (8 + 8)/8 \\
&:= 9 + (((9 + 9 + 9) \times ((99/9) + 9 \times 9)) + 9/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2495 &:= 11 + ((1 + 1) \times ((11 \times (1 + 1 + 111)) - 1)) \\
&:= (2 \times (22 + 2) + 2)^2 - (2/2 + 2 + 2) \\
&:= 33/3 + (3 \times (3 \times 33 + 3^{3+3})) \\
&:= (4 \times (4/4 + 4)^4) - (4/4 + 4) \\
&:= 5^5 - (5^5/5 + 5) \\
&:= 66/6 + (6 \times ((6 \times 66 + 6 + 6) + 6)) \\
&:= 7 + ((7 \times (7 \times 7 \times 7 + 7 + 7)) - (77/7)) \\
&:= ((8 + 8 + 8) \times (88 + 8 + 8)) - 8/8 \\
&:= 99/9 + ((9 + 9 + 9) \times ((99/9) + 9 \times 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2496 &:= (11 \times (1 + ((1 + 1) \times (1 + 1 + 111)))) - 1 \\
&:= (2 \times (22 + 2) + 2)^2 - 2 - 2 \\
&:= (3^3 - 3/3) \times (3 \times 33 - 3) \\
&:= (4 \times (4/4 + 4)^4) - 4 \\
&:= 5^5 + (((5 - 5^5)/5) - 5) \\
&:= 6 + ((6 \times ((6 \times 66 + 6 + 6) + 6)) + 6) \\
&:= 7 + ((7 \times 7 \times 7 \times 7 + (77/7)) + 77) \\
&:= (8 + 8 + 8) \times (88 + 8 + 8) \\
&:= (9 - 9/9) \times ((9 + 9) \times (9 + 9) - ((99 + 9)/9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2497 &:= 11 \times (1 + ((1 + 1) \times (1 + 1 + 111))) \\
&:= (2 \times (22 + 2) + 2)^2 - 2/2 - 2 \\
&:= 33/3 \times ((3 + 3)^3 + 33/3) \\
&:= 4/4 + ((4 \times (4/4 + 4)^4) - 4) \\
&:= 5^5 + (((5 - 5^5) + 5)/5) - 5 \\
&:= 66/6 \times (6 \times 6 \times 6 + 66/6) \\
&:= (7 \times (7 \times 7 \times 7 + 7 + 7)) - (7 + 7)/7 \\
&:= 8/8 + ((8 + 8 + 8) \times (88 + 8 + 8)) \\
&:= 9 + (9 \times (9 \times (9 + 9) - 9) + 9999/9)
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2498 &:= 1 + (11 \times (1 + ((1 + 1) \times (1 + 1 + 111)))) \\
&:= (2 \times (22 + 2) + 2)^2 - 2 \\
&:= (3 \times (3 + 3))^3 - (3333 + 3/3) \\
&:= (4 \times (4/4 + 4)^4) - (4 + 4)/4 \\
&:= 5^5 - (5^5 + 5 + 5)/5 \\
&:= 6 \times 6 \times 66 + ((666 + 66)/6) \\
&:= (7 \times (7 \times 7 \times 7 + 7 + 7)) - 7/7 \\
&:= (8 + 8)/8 + ((8 + 8 + 8) \times (88 + 8 + 8)) \\
&:= 9 + (((9 \times 9 - 9/9) \times ((99 + 99)/9) + 9)) + 9
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2499 &:= (((11 - 1)^{1+1}/(1 + 1))^{1+1}) - 1 \\
&:= (2 \times (22 + 2) + 2)^2 - 2/2 \\
&:= (3 \times (3 + 3))^3 - 3333 \\
&:= (4 \times (4/4 + 4)^4) - 4/4 \\
&:= 5^5 - (5^5 + 5)/5 \\
&:= 6 + ((666/6 + 6 \times 6 \times 66) + 6) \\
&:= 7 \times (7 \times 7 \times 7 + 7 + 7) \\
&:= 88/8 + (((8 + 8 + 8) \times (88 + 8 + 8)) - 8) \\
&:= 99 + ((99/9 + 9) \times (999/9 + 9))
\end{aligned}$$

$$\begin{aligned}
\blacktriangleright 2500 &:= ((11 - 1)^{1+1}/(1 + 1))^{1+1} \\
&:= (2 \times (22 + 2) + 2)^2 \\
&:= 3 + (33/3 \times ((3 + 3)^3 + 33/3)) \\
&:= 4 \times (4/4 + 4)^4 \\
&:= 5^5 - 5^5/5 \\
&:= ((6 + 6)/6 + 6 \times 6 + 6 + 6)^{(6+6)/6} \\
&:= (7/7 + 7 \times 7)^{(7+7)/7} \\
&:= (((8 + 8)/8) - (8 + 8)) + 8 \times 8^{(8+8)/8} \\
&:= ((9 \times 99 + 9)/(9 + 9))^{(9+9)/9}
\end{aligned}$$

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