

# Semi-Selfie Numbers - I

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## Abstract

*Author studied many ways of writing selfie numbers [13], sometimes known by wild narcissistic numbers. There are numbers very much near to selfie-number, but are not selfie numbers. These types of numbers, referred as semi-selfie numbers, where numbers are written in terms of expressions with positive and negative signs having same digits on both sides of the expressions, except the power values. This paper brings semi-selfie numbers in different situations. In some situations, the numbers with positive sign and positive and negative signs are studied separately. The work is limited up to 10 digits. Higher digits are given in second part of this work.*

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# 1 Selfie Numbers

Recently, author studied different ways of expressing numbers in such a way that both sides are with same digits. One side is with number, and another side is an expression formed by same digits with some operations. These types of numbers we call **selfie numbers**. Some times they are called as **wild narcissistic numbers**. These numbers are represented by their own digits by use of certain operations. Subsections below give different ways of writing **selfie numbers**. See below some examples:

$$\begin{aligned}
 936 &:= (\sqrt{9})!^3 + 6! &= 6! + (3!)^{\sqrt{9}}. \\
 1296 &:= \sqrt{(1+2)!^9/6} &= 6^{(\sqrt{9}+2-1)}. \\
 2896 &:= 2 \times (8 + (\sqrt{9})!! + 6!) = (6! + (\sqrt{9})!! + 8) \times 2. \\
 331779 &:= 3 + (31 - 7)^{\sqrt{7+9}} &= \sqrt{9} + (7 \times 7 - 1)^3 \times 3. \\
 342995 &:= (3^4 - 2 - 9)^{\sqrt{9}} - 5 &= -5 + (-9 + 9^2 - \sqrt{4})^3. \\
 759375 &:= (-7 + 59 - 37)^5 &= (5 + 7 + 3)^{\sqrt{9}-5+7}. \\
 759381 &:= 7 + (5 \times \sqrt{9})^{-3+8} - 1 = -1 + (8 \times 3 - 9)^5 + 7.
 \end{aligned}$$

Examples given above are with **factorial** and **square-root** [11, 12]. First column numbers are in **digit's order** and second columns are in **reverse order of digits**. For details refer author's work [4, 5, 6, 8, 9, 10]. Still, one can have interesting results just with **factorial** [10]. See below:

$$\begin{aligned}
 1463 &= -1! + 4! + 6! + 3!! & 352797 &= -3! + 5 - 2! - 7! + 9! - 7!. \\
 10077 &= -1! - 0! - 0! + 7! + 7!. & 357592 &= -3! - 5! - 7! - 5! + 9! - 2!. \\
 40585 &= 4! + 0! + 5! + 8! + 5!. & 357941 &= 3! + 5! - 7! + 9! - 4! - 1!. \\
 80518 &= 8! - 0! - 5! - 1! + 8!. & 361469 &= 3! - 6! - 1! + 4! - 6! + 9!. \\
 317489 &= -3! - 1! - 7! - 4! - 8! + 9!. \\
 \\ 
 364292 &= 3!! + 6! - 4! - 2! + 9! - 2!. & 408937 &= -4! + 0! + 8! + 9! + 3!! + 7!. \\
 397584 &= -3!! + 9! - 7! + 5! + 8! + 4!. & 715799 &= -7! - 1! + 5! - 7! + 9! + 9!. \\
 398173 &= 3! + 9! + 8! + 1! - 7! + 3!. & 720599 &= -7! - 2! + 0! - 5! + 9! + 9!. \\
 \\ 
 145 &= 1! + 4! + 5!. & 363239 &= 36 + 323 + 9!. \\
 733 &= 7 + 3!! + 3!. & 363269 &= 363 + 26 + 9!. \\
 5177 &= 5! + 17 + 7!. & 403199 &= 40319 + 9!.
 \end{aligned}$$

More studies and summary of work on numbers in different situations, refer author's work [13, 14, 15].

# 2 Semi-Selfie Numbers

Before defining the idea of **Semi-Selfie Numbers**, let us consider following historical example (Madachy [3], p.167-170, and Heinz [1]):

$$\begin{aligned}
81 &:= (8 + 1)^2 \\
512 &:= (5 + 1 + 2)^3 \\
4913 &:= (4 + 9 + 1 + 3)^3 \\
17576 &:= (1 + 7 + 5 + 7 + 6)^3 \\
234256 &:= (2 + 3 + 4 + 2 + 5 + 6)^4 \\
1679616 &:= (1 + 6 + 7 + 9 + 6 + 1 + 6)^4 \\
17210368 &:= (1 + 7 + 2 + 1 + 0 + 3 + 6 + 8)^5 \\
205962976 &:= (2 + 0 + 5 + 9 + 6 + 2 + 9 + 7 + 6)^5 \\
8303765625 &:= (8 + 3 + 0 + 3 + 7 + 6 + 5 + 6 + 2 + 5)^6 \\
24794911296 &:= (2 + 4 + 7 + 9 + 4 + 9 + 1 + 1 + 2 + 9 + 6)^6 \\
271818611107 &:= (2 + 7 + 1 + 8 + 1 + 8 + 6 + 1 + 1 + 1 + 0 + 7)^7 \\
6722988818432 &:= (6 + 7 + 2 + 2 + 9 + 8 + 8 + 8 + 1 + 8 + 4 + 3 + 2)^7 \\
72301961339136 &:= (7 + 2 + 3 + 0 + 1 + 9 + 6 + 1 + 3 + 3 + 9 + 1 + 3 + 6)^8 \\
248155780267521 &:= (2 + 4 + 8 + 1 + 5 + 5 + 7 + 8 + 0 + 2 + 6 + 7 + 5 + 2 + 1)^8.
\end{aligned}$$

... (1)

The above representation (1) is in such a way that the both sides we have same digits except the power. Let us call it **Semi-Selfie Numbers**. Moreover, above numbers are separated by a single digit and are with positive sign.

The aim of this work is bring similar kind of numbers but with positive and negative signs. Also, the idea is to extend for any number of digits instead of single digit, for examples some numbers appearing in (1) can also be written as

$$\begin{aligned}
512 &:= (5 + 1 + 2)^3 = (5 - 1 - 2)^9 \\
234256 &:= (2 + 3 + 4 + 2 + 5 + 6)^4 = (-234 + 256)^4 \\
1679616 &:= (1 + 6 + 7 + 9 + 6 + 1 + 6)^4 = (1 + 679 + 616)^2 \\
17210368 &:= (1 + 7 + 2 + 1 + 0 + 3 + 6 + 8)^5 = (-1 - 72 + 103 + 6 - 8)^5 \\
205962976 &:= (2 + 0 + 5 + 9 + 6 + 2 + 9 + 7 + 6)^5 = (2 - 05 + 96 + 29 - 76)^5 \\
8303765625 &:= (8 + 3 + 0 + 3 + 7 + 6 + 5 + 6 + 2 + 5)^6 = (83 + 037 + 6 - 56 - 25)^6
\end{aligned}$$

Below are more examples divided in two subsections. One only for positive sign and another for positive and negative signs. Results up to seven digits can be seen in author's previous work For short study refer [16]. This work brings detailed study up to 10 digits numbers. For 11 digits onwards refer Part II of this work.

### 3 Digit-Wise Semi-Selfie Numbers

Below are two extensions of representation (1) in two different ways. One is with positive sign, and another with positive and negative signs. In both the cases single digit is used.

### 3.1 Single Digit: Positive Sign

In the representation (1), not all the numbers are included. The representation (1) contains 10 numbers up to 10 digits, while below are 18 numbers:

$$\begin{aligned}
 81 &:= (8 + 1)^2 \\
 512 &:= (5 + 1 + 2)^3 \\
 2401 &:= (2 + 4 + 0 + 1)^4 \\
 4913 &:= (4 + 9 + 1 + 3)^3 \\
 5832 &:= (5 + 8 + 3 + 2)^3 \\
 17576 &:= (1 + 7 + 5 + 7 + 6)^3 \\
 19683 &:= (1 + 9 + 6 + 8 + 3)^3 \\
 234256 &:= (2 + 3 + 4 + 2 + 5 + 6)^4 \\
 390625 &:= (3 + 9 + 0 + 6 + 2 + 5)^4 \\
 614656 &:= (6 + 1 + 4 + 6 + 5 + 6)^4 \\
 1679616 &:= (1 + 6 + 7 + 9 + 6 + 1 + 6)^4 \\
 17210368 &:= (1 + 7 + 2 + 1 + 0 + 3 + 6 + 8)^5 \\
 34012224 &:= (3 + 4 + 0 + 1 + 2 + 2 + 2 + 4)^6 \\
 52521875 &:= (5 + 2 + 5 + 2 + 1 + 8 + 7 + 5)^5 \\
 60466176 &:= (6 + 0 + 4 + 6 + 6 + 1 + 7 + 6)^5 \\
 205962976 &:= (2 + 0 + 5 + 9 + 6 + 2 + 9 + 7 + 6)^5 \\
 612220032 &:= (6 + 1 + 2 + 2 + 2 + 0 + 0 + 3 + 2)^7 \\
 8303765625 &:= (8 + 3 + 0 + 3 + 7 + 6 + 5 + 6 + 2 + 5)^6.
 \end{aligned}$$

### 3.2 Single Digit: Positive and Negative Signs

Below are numbers similar to (1), i.e., single digits representations, but with positive and negative signs.

$$\begin{aligned}
 64 &:= (6 - 4)^6 & 15625 &:= (1 + 5 + 6 - 2 - 5)^6 \\
 196 &:= (-1 + 9 + 6)^2 & 16384 &:= (1 - 6 + 3 + 8 - 4)^{14} \\
 243 &:= (2 + 4 - 3)^5 & &:= (1 - 6 - 3 + 8 + 4)^7 \\
 512 &:= (5 - 1 - 2)^9 & 19683 &:= (1 - 9 + 6 + 8 - 3)^9 \\
 1296 &:= (1 + 2 + 9 - 6)^4 & 20736 &:= (2 + 0 + 7 - 3 + 6)^4 \\
 1728 &:= (-1 + 7 - 2 + 8)^3 & 32768 &:= (3 - 2 - 7 + 6 + 8)^5 \\
 2048 &:= (-2 + 0 - 4 + 8)^{11} & &:= (-3 - 2 - 7 + 6 + 8)^{15} \\
 2197 &:= (-2 - 1 + 9 + 7)^3 & 38416 &:= (3 + 8 - 4 + 1 + 6)^4 \\
 3125 &:= (3 - 1 - 2 + 5)^5 & 59049 &:= (5 + 9 + 0 + 4 - 9)^5 \\
 8192 &:= (8 + 1 - 9 + 2)^{13}. & 78125 &:= (7 - 8 - 1 + 2 + 5)^7 \\
 & & 83521 &:= (8 + 3 + 5 + 2 - 1)^4
 \end{aligned}$$

$$131072 := (1 - 3 - 1 + 0 + 7 - 2)^{17}$$

$$177147 := (1 + 7 + 7 - 1 - 4 - 7)^{11}$$

$$279841 := (2 + 7 + 9 + 8 - 4 + 1)^4$$

$$279936 := (2 + 7 + 9 - 9 + 3 - 6)^7$$

$$371293 := (3 + 7 - 1 - 2 + 9 - 3)^5$$

$$390625 := (3 - 9 + 0 - 6 + 2 + 5)^8$$

$$823543 := (8 - 2 + 3 + 5 - 4 - 3)^7.$$

$$1419857 := (1 + 4 + 1 - 9 + 8 + 5 + 7)^5$$

$$1594323 := (1 + 5 - 9 + 4 - 3 + 2 + 3)^{13}$$

$$1679616 := (1 + 6 + 7 - 9 - 6 + 1 + 6)^8$$

$$2097152 := (2 + 0 - 9 + 7 - 1 + 5 - 2)^{21}$$

$$:= (2 + 0 + 9 - 7 + 1 + 5 - 2)^7$$

$$2476099 := (2 + 4 + 7 + 6 + 0 + 9 - 9)^5$$

$$4782969 := (4 + 7 + 8 + 2 - 9 + 6 - 9)^7$$

$$:= (4 - 7 - 8 + 2 + 9 - 6 + 9)^{14}$$

$$4826809 := (-4 + 8 + 2 + 6 - 8 + 0 + 9)^6$$

$$5764801 := (5 + 7 + 6 - 4 - 8 + 0 + 1)^8$$

$$6436343 := (6 + 4 + 3 + 6 - 3 + 4 + 3)^5$$

$$7962624 := (7 + 9 - 6 + 2 + 6 + 2 + 4)^5.$$

$$10077696 := (1 + 0 + 0 + 7 + 7 + 6 - 9 - 6)^9$$

$$11390625 := (1 + 1 + 3 + 9 + 0 - 6 + 2 + 5)^6$$

$$24137569 := (2 + 4 - 1 + 3 + 7 + 5 + 6 - 9)^6$$

$$35831808 := (3 + 5 + 8 - 3 - 1 + 8 + 0 - 8)^7$$

$$43046721 := (4 - 3 + 0 + 4 - 6 + 7 - 2 - 1)^{16}$$

$$:= (4 + 3 + 0 + 4 - 6 + 7 - 2 - 1)^8$$

$$47045881 := (4 + 7 + 0 + 4 + 5 + 8 - 8 - 1)^6$$

$$67108864 := (6 + 7 - 1 + 0 + 8 - 8 - 6 - 4)^{26}$$

$$:= (6 + 7 + 1 + 0 + 8 - 8 - 6 - 4)^{13}.$$

$$129140163 := (1 + 2 + 9 - 1 - 4 + 0 - 1 - 6 + 3)^{17}$$

$$170859375 := (1 - 7 + 0 - 8 + 5 + 9 + 3 + 7 + 5)^7$$

$$191102976 := (1 + 9 + 1 + 1 + 0 + 2 + 9 + 7 - 6)^6$$

$$282475249 := (2 + 8 + 2 + 4 + 7 - 5 + 2 - 4 - 9)^{10}$$

$$308915776 := (3 + 0 + 8 - 9 - 1 + 5 + 7 + 7 + 6)^6$$

$$387420489 := (3 + 8 + 7 + 4 + 2 + 0 + 4 + 8 - 9)^6$$

$$387420489 := (3 + 8 + 7 - 4 - 2 + 0 - 4 - 8 + 9)^9$$

$$:= (3 + 8 + 7 + 4 + 2 + 0 - 4 - 8 - 9)^{18}$$

$$410338673 := (4 + 1 + 0 + 3 + 3 + 8 - 6 + 7 - 3)^7$$

$$429981696 := (4 + 2 + 9 + 9 + 8 + 1 - 6 - 9 - 6)^8$$

$$594823321 := (5 + 9 + 4 + 8 + 2 + 3 - 3 + 2 - 1)^6$$

$$893871739 := (8 + 9 + 3 + 8 - 7 - 1 - 7 - 3 + 9)^7.$$

$$1220703125 := (1 + 2 + 2 + 0 + 7 + 0 - 3 - 1 + 2 - 5)^{13}$$

$$1475789056 := (1 + 4 + 7 + 5 + 7 - 8 + 9 + 0 - 5 - 6)^8$$

$$1977326743 := (1 + 9 + 7 + 7 - 3 - 2 - 6 - 7 + 4 - 3)^{11}$$

$$2357947691 := (2 + 3 + 5 + 7 + 9 - 4 - 7 + 6 - 9 - 1)^9$$

$$2494357888 := (2 + 4 + 9 + 4 - 3 + 5 - 7 - 8 + 8 + 8)^7$$

$$2562890625 := (2 + 5 + 6 + 2 + 8 - 9 + 0 - 6 + 2 + 5)^8$$

$$3404825447 := (3 + 4 + 0 + 4 + 8 + 2 - 5 + 4 - 4 + 7)^7$$

$$3486784401 := (3 + 4 + 8 - 6 + 7 - 8 + 4 - 4 + 0 + 1)^{10}$$

$$:= (3 + 4 + 8 - 6 - 7 + 8 - 4 - 4 + 0 + 1)^{20}.$$

$$\begin{aligned}
3518743761 &:= (3 + 5 + 1 + 8 + 7 + 4 - 3 + 7 + 6 + 1)^6 \\
4294967296 &:= (4 + 2 + 9 + 4 + 9 - 6 - 7 - 2 + 9 - 6)^8 \\
&:= (4 + 2 + 9 + 4 - 9 + 6 - 7 - 2 - 9 + 6)^{16} \\
&:= (4 + 2 + 9 + 4 + 9 - 6 - 7 + 2 - 9 - 6)^{32} \\
6975757441 &:= (6 + 9 + 7 + 5 - 7 + 5 - 7 + 4 - 4 - 1)^8 \\
7256313856 &:= (7 + 2 + 5 + 6 + 3 - 1 + 3 + 8 + 5 + 6)^6 \\
8589934592 &:= (8 + 5 + 8 + 9 - 9 + 3 - 4 - 5 - 9 + 2)^{11} \\
&:= (8 + 5 + 8 + 9 - 9 - 3 - 4 - 5 - 9 + 2)^{33} \\
9474296896 &:= (9 + 4 + 7 + 4 + 2 + 9 + 6 + 8 - 9 + 6)^6.
\end{aligned}$$

## 4 Double or More Digits Selfie Numbers

This section extend the results studied above for one digit. Here we have some semi-selfie numbers considering equal digits, i.e., 2 by 2, 3 by 3, etc.

### 4.1 Positive Sign

#### 4.1.1 Two-Digits

$$\begin{aligned}
1000 &:= (10 + 00)^3 & 1000000000 &:= (10 + 00 + 00 + 00 + 00)^9 \\
2025 &:= (20 + 25)^2 & 1222830961 &:= (12 + 22 + 83 + 09 + 61)^4 \\
3025 &:= (30 + 25)^2 & 1536953616 &:= (15 + 36 + 95 + 36 + 16)^4 \\
9801 &:= (98 + 01)^2. & 1568239201 &:= (15 + 68 + 23 + 92 + 01)^4 \\
& & 2897022976 &:= (28 + 97 + 02 + 29 + 76)^4 \\
100000 &:= (10 + 00 + 00)^5 & 3486784401 &:= (34 + 86 + 78 + 44 + 01)^4 \\
1000000 &:= (10 + 00 + 00 + 00)^7 & 4097152081 &:= (40 + 97 + 15 + 20 + 81)^4 \\
20151121 &:= (20 + 15 + 11 + 21)^4. & 6690585616 &:= (66 + 90 + 58 + 56 + 16)^4.
\end{aligned}$$

#### 4.1.2 Three-Digits

$$\begin{aligned}
494209 &:= (494 + 209)^2 \\
998001 &:= (998 + 001)^2.
\end{aligned}$$

#### 4.1.3 Four-Digits

$$\begin{aligned}
24502500 &:= (2450 + 2500)^2 \\
25502500 &:= (2550 + 2500)^2 \\
52881984 &:= (5288 + 1984)^2 \\
60481729 &:= (6048 + 1729)^2 \\
99980001 &:= (9998 + 0001)^2.
\end{aligned}$$

#### 4.1.4 Five-Digits

$$\begin{aligned}6049417284 &:= (60494 + 17284)^2 \\6832014336 &:= (68320 + 14336)^2 \\9048004641 &:= (90480 + 04641)^2 \\9999800001 &:= (99998 + 00001)^2.\end{aligned}$$

### 4.2 Positive and Negative Signs

#### 4.2.1 Two-Digits

$$\begin{aligned}195112 &:= (19 + 51 - 12)^3 & 2176782336 &:= (21 + 76 - 78 + 23 - 36)^{12} \\456533 &:= (45 + 65 - 33)^3 & &:= (21 - 76 + 78 - 23 + 36)^6 \\ & & &:= (-21 + 76 - 78 + 23 + 36)^6 \\20511149 &:= (20 - 51 + 11 + 49)^5 & 3486784401 &:= (-34 - 86 + 78 + 44 + 01)^{20} \\24137569 &:= (24 - 13 + 75 - 69)^6 & 4294967296 &:= (42 + 94 - 96 + 72 - 96)^8 \\81450625 &:= (81 + 45 - 06 - 25)^4 & &:= (42 + 94 + 96 - 72 + 96)^4 \\1358954496 &:= (-13 + 58 + 95 - 44 + 96)^4 & 5584059449 &:= (55 + 84 - 05 - 94 + 49)^5 \\1838265625 &:= (18 - 38 - 26 + 56 + 25)^6 & 6240321451 &:= (62 - 40 + 32 - 14 + 51)^5 \\ & & 9039207968 &:= (90 + 39 - 20 - 79 + 68)^5 \\ & & 9509900499 &:= (95 + 09 + 90 + 04 - 99)^5 \\ & & &:= (95 - 09 - 90 + 04 + 99)^5.\end{aligned}$$

#### 4.2.2 Three-Digits

$$\begin{aligned}132496 &:= (-132 + 496)^2 & 312900721 &:= (312 - 900 + 721)^4 \\234256 &:= (-234 + 256)^4 & 360944128 &:= (-360 + 944 + 128)^3 \\456533 &:= (-456 + 533)^3 & 365525875 &:= (365 - 525 + 875)^3 \\474552 &:= (-474 + 552)^3. & 384240583 &:= (384 - 240 + 583)^3 \\105413504 &:= (105 + 413 - 504)^7 & 429981696 &:= (429 - 981 + 696)^4 \\188132517 &:= (188 - 132 + 517)^3 & 547981281 &:= (-547 + 981 - 281)^4 \\258474853 &:= (258 - 474 + 853)^3 & 605495736 &:= (605 - 495 + 736)^3 \\ & & 786330467 &:= (786 - 330 + 467)^3\end{aligned}$$

#### 4.2.3 Four-Digits

$$69426531 := (6942 - 6531)^3.$$

### 4.3 Two-Terms Expressions

This subsection give results in little different way, i.e., using only two expressions independent of number of digits.

$$\begin{array}{ll}
88209 := (88 + 209)^2 & 82369 := (-82 + 369)^2 \\
7441984 := (744 + 1984)^2 & 1002001 := (1002 - 001)^2 \\
23804641 := (238 + 04641)^2 & 1162084 := (1162 - 084)^2 \\
28005264 := (28 + 005264)^2 & 1201216 := (-120 + 1216)^2 \\
300814336 := (3008 + 14336)^2 & 1656369 := (1656 - 369)^2 \\
493817284 := (4938 + 17284)^2 & 1860496 := (1860 - 496)^2 \\
& 100020001 := (10002 - 0001)^2 \\
& 123121216 := (12312 - 1216)^2 \\
& 330621489 := (-3306 + 21489)^2
\end{array}$$

Before giving all the numbers, below are equalities in **semi-selfie numbers**, where one side is only with positive sign and another with positive and negative signs.

## 5 Equalities in Selfie Numbers

This section brings **semi-selfie numbers** in such a way that they have equal representations, but one side is only with positive sign and second side with positive and negative signs.

$$\begin{array}{ll}
512 := (5 + 1 + 2)^3 & = (5 - 1 - 2)^9 \\
1296 := (1 + 29 + 6)^2 & = (1 + 2 + 9 - 6)^4 \\
19683 := (1 + 9 + 6 + 8 + 3)^3 & = (-1 + 9 + 6 - 8 - 3)^9 \\
234256 := (2 + 3 + 4 + 2 + 5 + 6)^4 & = (-234 + 256)^4 \\
357911 := (3 + 57 + 9 + 1 + 1)^3 & = (-3 - 5 + 79 + 1 - 1)^3 \\
373248 := (37 + 3 + 24 + 8)^3 & = (-3 + 73 - 2 - 4 + 8)^3 \\
390625 := (3 + 9 + 06 + 2 + 5)^4 & = (-3 + 9 - 06 + 25)^4 \\
531441 := (5 + 31 + 4 + 41)^3 & \\
& := (5 + 3 + 14 + 4 + 1)^4 & = (5 + 31 - 4 - 4 - 1)^4 \\
& & = (53 - 1 - 44 + 1)^6 \\
& & = (-5 - 3 + 14 - 4 + 1)^{12} \\
551368 := (55 + 13 + 6 + 8)^3 & = (55 - 1 + 36 - 8)^3 \\
614656 := (6 + 1 + 4 + 6 + 5 + 6)^4 & = (-6 - 1 + 46 - 5 - 6)^4 \\
970299 := (9 + 70 + 2 + 9 + 9)^3 & = (9 + 70 + 29 - 9)^3 \\
1259712 := (1 + 25 + 9 + 71 + 2)^3 & = (125 - 9 - 7 + 1 - 2)^3 \\
1336336 := (13 + 3 + 6 + 3 + 3 + 6)^4 & = (133 - 63 - 36)^4 \\
1679616 := (1 + 6 + 7 + 9 + 6 + 1 + 6)^4 & = (1 + 6 + 7 - 9 + 6 + 1 - 6)^8 \\
1679616 := (1 + 679 + 616)^2 & = (16 + 7 - 9 + 6 + 16)^4 \\
1874161 := (18 + 7 + 4 + 1 + 6 + 1)^4 & = (-18 + 7 + 41 + 6 + 1)^4 \\
1953125 := (1 + 95 + 3 + 1 + 25)^3 & = (1 - 9 + 5 + 3 + 125)^3 \\
2515456 := (25 + 1 + 54 + 56)^3 & = (-2 - 5 + 154 - 5 - 6)^3
\end{array}$$



$$\begin{aligned}
2985984 &:= (29 + 8 + 5 + 98 + 4)^3 &= (29 + 8 + 59 - 84)^6 \\
3652264 &:= (36 + 52 + 2 + 64)^3 &= (-3 - 65 + 226 - 4)^3 \\
5929741 &:= (5 + 92 + 9 + 74 + 1)^3 &= (-5 + 92 + 97 - 4 + 1)^3 \\
6751269 &:= (67 + 51 + 2 + 69)^3 &= (67 + 5 + 126 - 9)^3 \\
7311616 &:= (7 + 31 + 1 + 6 + 1 + 6)^4 &= (73 - 11 + 6 - 16)^4 \\
8503056 &:= (8 + 5 + 030 + 5 + 6)^4 &= (85 - 030 + 5 - 6)^4 \\
9150625 &:= (9 + 15 + 06 + 25)^4 &= (9 - 1 + 50 - 6 - 2 + 5)^4 \\
\\
11316496 &:= (1 + 1 + 31 + 6 + 4 + 9 + 6)^4 &= (11 - 3 + 1 - 6 + 49 + 6)^4 \\
13845841 &:= (1 + 38 + 4 + 5 + 8 + 4 + 1)^4 &= (13 + 8 - 45 + 84 + 1)^4 \\
14172488 &:= (14 + 172 + 48 + 8)^3 &= (-14 + 172 - 4 + 88)^3 \\
14348907 &:= (143 + 4 + 89 + 07)^3 &= (14 + 3 + 4 + 8 - 9 + 07)^5 \\
& &= (14 + 3 - 4 - 8 - 9 + 07)^{15} \\
14526784 &:= (145 + 2 + 6 + 7 + 84)^3 &= (-14 - 526 + 784)^3 \\
15752961 &:= (15 + 7 + 5 + 29 + 6 + 1)^4 &= (157 + 5 - 2 - 96 - 1)^4 \\
16194277 &:= (161 + 9 + 4 + 2 + 77)^3 &= (161 + 94 - 2 + 7 - 7)^3 \\
\\
16777216 &:= (16 + 7 + 7 + 7 + 21 + 6)^4 &= (16 - 7 - 7 + 7 + 2 - 1 + 6)^6 \\
& &= (16 - 7 + 7 + 7 - 21 + 6)^8 \\
& &= (16 + 7 - 7 - 7 + 2 - 1 - 6)^{12} \\
& &= (16 - 7 - 7 + 7 - 2 + 1 - 6)^{24} \\
\\
17210368 &:= (1 + 7 + 2 + 1 + 03 + 6 + 8)^5 &= (17 + 2 + 10 - 3 - 6 + 8)^5 \\
17779581 &:= (1 + 77 + 7 + 95 + 81)^3 &= (177 + 7 - 9 + 5 + 81)^3 \\
17984728 &:= (179 + 8 + 47 + 28)^3 &= (179 + 84 - 7 - 2 + 8)^3 \\
20151121 &:= (20 + 15 + 11 + 21)^4 &= (-2 - 01 - 51 + 121)^4 \\
\\
21717639 &:= (217 + 17 + 6 + 39)^3 &= (217 + 1 + 7 + 63 - 9)^3 \\
23639903 &:= (236 + 39 + 9 + 03)^3 &= (23 - 639 + 903)^3 \\
26873856 &:= (2 + 6 + 8 + 7 + 38 + 5 + 6)^4 &= (26 - 8 - 7 - 3 + 8 + 56)^4 \\
28372625 &:= (283 + 7 + 2 + 6 + 2 + 5)^3 &= (283 - 7 + 26 - 2 + 5)^3 \\
28398241 &:= (28 + 3 + 9 + 8 + 24 + 1)^4 &= (28 + 3 - 9 + 8 + 2 + 41)^4 \\
33362176 &:= (33 + 3 + 6 + 21 + 7 + 6)^4 &= (33 - 36 + 2 + 1 + 76)^4 \\
\\
34012224 &:= (3 + 4 + 01 + 2 + 2 + 2 + 4)^6 &= (340 - 12 - 2 + 2 - 4)^3 \\
34328125 &:= (34 + 3 + 281 + 2 + 5)^3 &= (343 - 2 + 8 + 1 - 25)^3 \\
43046721 &:= (43 + 04 + 6 + 7 + 21)^4 &= (43 - 046 + 7 - 2 + 1)^{16} \\
45212176 &:= (45 + 21 + 2 + 1 + 7 + 6)^4 &= (-4 - 5 + 2 + 12 + 1 + 76)^4 \\
46268279 &:= (46 + 26 + 8 + 279)^3 &= (4 + 626 + 8 - 279)^3
\end{aligned}$$

$$52521875 := (5 + 2 + 5 + 2 + 1 + 8 + 7 + 5)^5 = (5 + 25 + 2 - 1 - 8 + 7 + 5)^5$$

$$60466176 := (6 + 04 + 6 + 6 + 1 + 7 + 6)^5 = (60 - 46 - 6 - 1 - 7 + 6)^{10}$$

$$63297936 := (6 + 3 + 2 + 9 + 7936)^2 = (-6 - 3 + 29 + 7936)^2$$

$$68574961 := (6 + 8 + 57 + 4 + 9 + 6 + 1)^4 = (6 - 8 - 5 + 7 - 4 + 96 - 1)^4$$

$$108531333 := (108 + 5 + 31 + 333)^3 = (-10 - 8 + 531 - 33 - 3)^3$$

$$112550881 := (11 + 25 + 50 + 8 + 8 + 1)^4 = (112 - 5 - 5 - 08 + 8 + 1)^4$$

$$126247696 := (12 + 62 + 4 + 7 + 6 + 9 + 6)^4 = (126 - 24 + 7 - 6 + 9 - 6)^4$$

$$134217728 := (1 + 3 + 421 + 7 + 72 + 8)^3 = (134 - 21 - 77 - 28)^9$$

$$136048896 := (13 + 60 + 4 + 8 + 8 + 9 + 6)^4 = (13 + 60 - 48 + 89 - 6)^4$$

$$141158161 := (14 + 1 + 1 + 5 + 81 + 6 + 1)^4 = (14 + 115 - 81 + 61)^4$$

$$157351936 := (15 + 7 + 35 + 19 + 36)^4 = (157 - 35 - 19 + 3 + 6)^4$$

$$158340421 := (158 + 340 + 42 + 1)^3 = (1 + 583 - 40 - 4 + 2 - 1)^3$$

$$164566592 := (16 + 456 + 65 + 9 + 2)^3 = (-16 - 4 - 5 + 665 - 92)^3$$

$$164916224 := (16 + 4 + 9 + 1 + 6 + 2 + 2 + 4)^5 = (16 + 49 - 1 + 6 - 2 - 24)^5$$

$$165469149 := (1 + 65 + 469 + 1 + 4 + 9)^3 = (16 + 546 - 9 + 1 + 4 - 9)^3$$

$$174676879 := (1 + 7 + 467 + 68 + 7 + 9)^3 = (1 + 7 + 467 + 6 + 87 - 9)^3$$

$$174900625 := (1 + 74 + 9 + 006 + 25)^4 = (174 - 90 + 06 + 25)^4$$

$$184528125 := (18 + 4 + 5 + 2 + 8 + 1 + 2 + 5)^5 = (18 - 45 - 2 + 81 - 2 - 5)^5$$

$$187388721 := (18 + 73 + 8 + 8 + 7 + 2 + 1)^4 = (187 + 3 + 8 - 8 - 72 - 1)^4$$

$$193877776 := (1 + 9 + 3 + 8 + 77 + 7 + 7 + 6)^4 = (193 + 8 - 7 - 77 + 7 - 6)^4$$

$$205962976 := (2 + 05 + 9 + 6 + 2 + 9 + 7 + 6)^5 = (20 - 5 - 9 + 62 - 9 - 7 - 6)^5$$

$$214358881 := (2 + 1 + 43 + 58 + 8 + 8 + 1)^4 = (214 - 3 + 5 - 8 - 88 + 1)^4$$

$$219256227 := (21 + 9 + 2 + 562 + 2 + 7)^3 = (21 - 9 + 2 + 562 + 27)^3$$

$$236421376 := (23 + 6 + 4 + 2 + 13 + 76)^4 = (2 - 3 - 6 + 42 + 13 + 76)^4$$

$$251239591 := (25 + 1 + 2 + 3 + 9 + 591)^3 = (25 + 1 + 23 - 9 + 591)^3$$

$$260144641 := (26 + 014 + 46 + 41)^4 = (260 - 144 + 6 + 4 + 1)^4$$

$$273359449 := (273 + 359 + 4 + 4 + 9)^3 = (27 + 33 + 594 + 4 - 9)^3$$

$$307546875 := (30 + 7 + 546 + 87 + 5)^3 = (30 + 7 - 54 + 687 + 5)^3$$

$$308915776 := (3 + 089 + 1 + 577 + 6)^3 = (-308 + 915 - 7 + 76)^3$$

$$312900721 := (31 + 29 + 0072 + 1)^4 = (312 - 900 + 721)^4$$

$$332150625 := (33 + 21 + 50 + 6 + 25)^4 = (3 - 3 - 2 + 150 - 6 - 2 - 5)^4$$

$$385828352 := (385 + 8 + 283 + 52)^3 = (3 + 858 + 2 - 83 - 52)^3$$

$$406586896 := (40 + 6 + 5 + 8 + 68 + 9 + 6)^4 = (40 + 6 + 5 + 86 + 8 - 9 + 6)^4$$

$$416832723 := (4 + 1 + 6 + 8 + 3 + 2 + 723)^3 = (-4 + 1 + 683 - 2 + 72 - 3)^3$$

$$\begin{aligned}
418195493 &:= (4 + 18 + 1 + 9 + 5 + 4 + 9 + 3)^5 = (4 + 1 + 81 + 9 - 54 + 9 + 3)^5 \\
429981696 &:= (4 + 2 + 9 + 98 + 16 + 9 + 6)^4 = (4 + 2 + 9 + 98 + 1 - 6 - 96)^8 \\
442050625 &:= (44 + 20 + 50 + 6 + 25)^4 = (-4 + 42 + 050 + 62 - 5)^4 \\
447697125 &:= (44 + 7 + 697 + 12 + 5)^3 = (44 + 7 + 6 - 9 + 712 + 5)^3 \\
459165024 &:= (4 + 5 + 9 + 1 + 6 + 5 + 024)^5 = (45 - 9 + 1 + 6 + 5 + 02 + 4)^5 \\
479785216 &:= (47 + 9 + 78 + 5 + 2 + 1 + 6)^4 = (47 + 97 + 8 + 5 - 2 - 1 - 6)^4 \\
480048687 &:= (48 + 0048 + 687)^3 = (4 + 800 - 4 - 8 + 6 - 8 - 7)^3 \\
494913671 &:= (4 + 94 + 9 + 13 + 671)^3 = (-49 + 4 + 913 - 6 - 71)^3
\end{aligned}$$

$$\begin{aligned}
498677257 &:= (49 + 8 + 677 + 2 + 57)^3 = (-49 + 867 + 7 - 25 - 7)^3 \\
503284375 &:= (5 + 03 + 28 + 4 + 3 + 7 + 5)^5 = (50 - 3 - 28 + 4 + 37 - 5)^5 \\
547981281 &:= (5 + 47 + 9 + 81 + 2 + 8 + 1)^4 = (5 + 47 + 98 + 12 - 8 - 1)^4 \\
549353259 &:= (549 + 3 + 5 + 3 + 259)^3 = (5 + 493 + 5 + 325 - 9)^3 \\
551368000 &:= (5 + 5 + 1 + 3 + 6 + 800 + 0)^3 = (55 + 1 - 36 + 800 + 0)^3 \\
562448656 &:= (56 + 24 + 4 + 8 + 6 + 56)^4 = (5 + 624 - 486 + 5 + 6)^4 \\
569722789 &:= (5 + 6 + 9 + 722 + 78 + 9)^3 = (569 - 7 - 2 + 278 - 9)^3 \\
584277056 &:= (5 + 8 + 42 + 770 + 5 + 6)^3 = (5 + 842 - 7 + 7 - 05 - 6)^3
\end{aligned}$$

$$\begin{aligned}
586376253 &:= (58 + 6 + 3 + 762 + 5 + 3)^3 = (586 - 3 + 7 - 6 + 253)^3 \\
588480472 &:= (5 + 8 + 8 + 4 + 804 + 7 + 2)^3 = (58 + 848 + 04 - 72)^3 \\
605495736 &:= (6 + 05 + 4 + 95 + 736)^3 = (605 - 495 + 736)^3 \\
607573201 &:= (60 + 7 + 57 + 32 + 01)^4 = (-60 + 7 + 5 + 7 - 3 + 201)^4 \\
612220032 &:= (6 + 1 + 2 + 2 + 2 + 003 + 2)^7 = (6 + 1 - 2 - 2 + 20 - 03 - 2)^7 \\
663054848 &:= (6 + 6 + 3 + 05 + 4 + 848)^3 = (6 - 6 - 30 + 54 + 848)^3 \\
683797841 &:= (683 + 79 + 78 + 41)^3 = (68 + 37 - 9 + 784 + 1)^3 \\
688465387 &:= (6 + 8 + 846 + 5 + 3 + 8 + 7)^3 = (6 + 884 + 6 + 5 - 3 - 8 - 7)^3
\end{aligned}$$

$$\begin{aligned}
688747536 &:= (6 + 88 + 7 + 47 + 5 + 3 + 6)^4 = (688 + 7 - 4 + 7 - 536)^4 \\
705911761 &:= (70 + 5 + 9 + 11 + 7 + 61)^4 = (70 + 5 + 91 - 1 - 7 + 6 - 1)^4 \\
709732288 &:= (709 + 73 + 22 + 88)^3 = (7 + 0973 - 2 + 2 - 88)^3 \\
726572699 &:= (7 + 2 + 65 + 726 + 99)^3 = (7 + 265 - 72 + 699)^3 \\
753571000 &:= (753 + 57 + 100 + 0)^3 = (-75 - 3 - 5 - 7 + 1000)^3 \\
759333136 &:= (7 + 59 + 33 + 31 + 36)^4 = (75 - 9 + 33 + 31 + 36)^4 \\
799178752 &:= (79 + 9 + 1 + 787 + 52)^3 = (7 - 9 + 91 + 787 + 52)^3 \\
815730721 &:= (81 + 57 + 3 + 07 + 21)^4 = (81 - 57 + 3 + 07 - 21)^8
\end{aligned}$$

$$\begin{aligned}
822656953 &:= (822 + 6 + 5 + 6 + 95 + 3)^3 &= (822 + 65 + 6 - 9 + 53)^3 \\
843908625 &:= (843 + 9 + 086 + 2 + 5)^3 &= (843 - 9 + 086 + 25)^3 \\
846590536 &:= (846 + 59 + 05 + 36)^3 &= (8 - 4 + 6 - 5 + 905 + 36)^3 \\
875213056 &:= (87 + 5 + 21 + 3 + 056)^4 &= (8 - 7 + 52 + 130 - 5 - 6)^4 \\
895841344 &:= (895 + 8 + 4 + 13 + 44)^3 &= (8 + 958 - 4 - 1 + 3 - 4 + 4)^3 \\
915498611 &:= (91 + 5 + 4 + 9 + 861 + 1)^3 &= (-9 + 1 - 5 - 4 + 986 + 1 + 1)^3 \\
916132832 &:= (9 + 16 + 1 + 3 + 28 + 3 + 2)^5 &= (91 + 61 - 3 - 2 - 83 - 2)^5 \\
921167317 &:= (921 + 1 + 6 + 7 + 31 + 7)^3 &= (921 - 1 + 67 + 3 - 17)^3
\end{aligned}$$

$$\begin{aligned}
937890625 &:= (9 + 37 + 8 + 90 + 6 + 25)^4 &= (93 + 78 - 9 + 06 + 2 + 5)^4 \\
946966168 &:= (946 + 9 + 6 + 6 + 1 + 6 + 8)^3 &= (9 + 4 + 6 + 966 - 1 + 6 - 8)^3 \\
970299000 &:= (970 + 2 + 9 + 9 + 000)^3 &= (970 + 29 - 9 + 000)^3 \\
973242271 &:= (973 + 2 + 4 + 2 + 2 + 7 + 1)^3 &= (973 + 2 + 42 - 27 + 1)^3 \\
992436543 &:= (9 + 9 + 24 + 3 + 6 + 5 + 4 + 3)^5 &:= (99 - 24 + 36 - 5 - 43)^5
\end{aligned}$$

$$\begin{aligned}
1003875856 &:= (1 + 0038 + 75 + 8 + 56)^4 &= (100 + 38 - 7 + 58 - 5 - 6)^4 \\
1027243729 &:= (10 + 27 + 243 + 729)^3 &= (1027 + 2 + 43 - 72 + 9)^3 \\
1051871913 &:= (10 + 5 + 18 + 71 + 913)^3 &= (105 - 1 - 8 + 7 + 1 + 913)^3 \\
1073283121 &:= (107 + 32 + 8 + 31 + 2 + 1)^4 &= (107 - 3 - 2 + 83 - 1 - 2 - 1)^4
\end{aligned}$$

$$\begin{aligned}
1073741824 &:= (10 + 7 + 3 + 7 + 4 + 1 + 8 + 24)^5 &= (10 + 7 + 37 + 4 - 18 + 24)^5 \\
& &= (10 + 7 + 3 - 7 + 4 + 1 + 8 + 2 + 4)^6 \\
& &= (10 + 7 + 37 - 4 - 18 - 24)^{10} \\
& &= (10 - 7 - 3 - 7 - 4 - 1 - 8 + 24)^{15} \\
& &= (10 + 7 + 3 - 7 + 4 - 1 - 8 - 2 - 4)^{30}
\end{aligned}$$

$$\begin{aligned}
1076890625 &:= (10 + 76 + 8 + 906 + 25)^3 &= (1076 + 8 - 90 + 6 + 25)^3 \\
1108717875 &:= (1 + 10 + 871 + 78 + 75)^3 &= (1108 - 7 + 17 - 8 - 75)^3 \\
1137893184 &:= (11 + 3 + 7 + 8 + 931 + 84)^3 &= (1 - 1 + 37 - 8 + 931 + 84)^3 \\
1141166125 &:= (11 + 411 + 6 + 612 + 5)^3 &= (-114 + 1166 - 12 + 5)^3 \\
1146228736 &:= (11 + 46 + 2 + 2 + 87 + 36)^4 &= (1 + 146 + 2 - 2 + 8 - 7 + 36)^4 \\
1194389981 &:= (1 + 1 + 9 + 43 + 8 + 998 + 1)^3 &= (1 - 1 + 94 + 3 - 8 - 9 + 981)^3 \\
1222830961 &:= (12 + 22 + 83 + 09 + 61)^4 &= (122 + 2 + 8 + 3 - 09 + 61)^4 \\
1275989841 &:= (12 + 7 + 59 + 8 + 98 + 4 + 1)^4 &= (12 + 7 + 5 - 9 + 89 + 84 + 1)^4
\end{aligned}$$

$$\begin{aligned}
1291467969 &:= (12 + 91 + 4 + 6 + 7 + 969)^3 &= (12 + 91 + 4 + 6 + 7 - 96 + 9)^6 \\
1389928896 &:= (13 + 8 + 992 + 88 + 9 + 6)^3 &= (138 - 9 + 92 + 889 + 6)^3 \\
1475789056 &:= (14 + 75 + 7 + 89 + 05 + 6)^4 &= (147 + 5 + 78 - 90 + 56)^4 \\
1497193984 &:= (14 + 9 + 719 + 398 + 4)^3 &= (1 + 4 - 9 + 71 + 93 + 984)^3 \\
1536953616 &:= (153 + 6 + 9 + 5 + 3 + 6 + 16)^4 &= (153 + 6 - 9 + 5 + 36 + 1 + 6)^4 \\
1568239201 &:= (156 + 8 + 23 + 9 + 2 + 01)^4 &= (156 + 8 + 23 - 9 + 20 + 1)^4 \\
1664966416 &:= (166 + 4 + 9 + 6 + 6 + 4 + 1 + 6)^4 &= (166 + 4 + 9 - 6 - 6 + 41 - 6)^4 \\
1804229351 &:= (1 + 8 + 042 + 2 + 9 + 3 + 5 + 1)^5 &= (18 - 042 - 2 + 93 + 5 - 1)^5 \\
\\
1836036801 &:= (183 + 6 + 03 + 6 + 8 + 01)^4 &= (183 - 60 - 3 + 6 + 80 + 1)^4 \\
1871773696 &:= (18 + 71 + 7 + 7 + 3 + 6 + 96)^4 &= (18 + 7 + 177 - 3 - 6 + 9 + 6)^4 \\
1934917632 &:= (1 + 9 + 34 + 9 + 1 + 7 + 6 + 3 + 2)^5 &= (1 + 9 + 3 + 49 + 17 - 6 - 3 + 2)^5 \\
1982119441 &:= (19 + 82 + 11 + 94 + 4 + 1)^4 &= (19 + 82 + 119 - 4 - 4 - 1)^4 \\
2073071593 &:= (2 + 07 + 30 + 7 + 15 + 9 + 3)^5 &= (20 + 7 + 30 + 7 + 15 - 9 + 3)^5 \\
2097273616 &:= (20 + 97 + 27 + 3 + 61 + 6)^4 &= (209 + 7 + 27 - 36 + 1 + 6)^4 \\
2176782336 &:= (2 + 1 + 76 + 78 + 23 + 36)^4 &= (2 + 1 + 7 - 6 + 7 + 8 + 23 - 36)^{12} \\
2217373921 &:= (22 + 173 + 7 + 3 + 9 + 2 + 1)^4 &= (22 + 173 + 7 + 3 - 9 + 21)^4 \\
\\
2472973441 &:= (24 + 72 + 9 + 73 + 44 + 1)^4 &= (247 + 2 + 9 + 7 + 3 - 44 - 1)^4 \\
2562890625 &:= (2 + 56 + 2 + 8 + 90 + 62 + 5)^4 &= (25 - 6 - 2 - 8 + 9 - 06 - 2 + 5)^8 \\
2608757776 &:= (2 + 60 + 87 + 57 + 7 + 7 + 6)^4 &= (260 + 8 + 7 - 57 + 7 + 7 - 6)^4 \\
2750058481 &:= (2 + 7 + 50 + 05 + 84 + 81)^4 &= (275 - 005 + 8 - 48 - 1)^4 \\
2805291225 &:= (28 + 052912 + 25)^2 &= (-2 + 80 + 52912 - 25)^2 \\
2897022976 &:= (28 + 97 + 022 + 9 + 76)^4 &= (2 + 89 + 70 + 2 + 2 - 9 + 76)^4 \\
2998219536 &:= (29 + 98 + 2 + 1 + 95 + 3 + 6)^4 &= (29 + 98 + 21 + 95 - 3 - 6)^4 \\
3208542736 &:= (3 + 208 + 5 + 4 + 2 + 7 + 3 + 6)^4 &= (3 + 208 + 5 + 4 + 27 - 3 - 6)^4 \\
\\
3268147904 &:= (3 + 2 + 681 + 4 + 790 + 4)^3 &= (-3 + 2 - 6 + 8 + 1479 + 04)^3 \\
3276800000 &:= (3 + 2 + 7 + 68 + 00000)^5 &= (3 - 2 - 7 + 6 + 80 + 0000)^5 \\
3486784401 &:= (34 + 86 + 78 + 44 + 01)^4 &= (34 + 8 - 6 - 78 + 4 + 40 + 1)^{20} \\
3518743761 &:= (3 + 5 + 1 + 8 + 743 + 761)^3 &= (35 - 18 - 7 + 43 - 7 - 6 - 1)^6 \\
3544535296 &:= (35 + 4 + 4 + 53 + 52 + 96)^4 &= (3 + 544 - 5 + 3 - 5 - 296)^4 \\
3707398432 &:= (3 + 7 + 07 + 3 + 9 + 8 + 43 + 2)^5 &= (3 - 70 + 7 + 3 + 98 + 43 - 2)^5 \\
3722098081 &:= (3 + 72 + 2 + 09 + 80 + 81)^4 &= (3 + 72 + 20 - 9 + 80 + 81)^4 \\
3899547224 &:= (389 + 954 + 7 + 224)^3 &= (3 + 899 - 54 + 722 + 4)^3
\end{aligned}$$

$$\begin{aligned}
4097152081 &:= (40 + 97 + 15 + 20 + 81)^4 &= (40 + 9 - 7 - 1 + 5 + 208 - 1)^4 \\
4256518564 &:= (42 + 5 + 65185 + 6 + 4)^2 &= (-4 + 2 - 5 + 65185 + 64)^2 \\
4294967296 &:= (42 + 9 + 4 + 96 + 7 + 2 + 96)^4 &= (42 + 9 + 4 + 9 - 67 + 2 + 9 - 6)^{32} \\
4314825152 &:= (43 + 1482 + 51 + 52)^3 &= (-4 + 3 + 1482 - 5 + 152)^3 \\
4499860561 &:= (4 + 4 + 99 + 86 + 05 + 61)^4 &= (44 - 9 + 98 + 60 + 5 + 61)^4 \\
4711998736 &:= (47 + 119 + 9 + 8 + 73 + 6)^4 &= (47 + 119 + 98 + 7 - 3 - 6)^4 \\
4767078987 &:= (4 + 7 + 670 + 7 + 8 + 987)^3 &= (-4 + 7 - 6 + 707 - 8 + 987)^3 \\
4921675101 &:= (4 + 921 + 675 + 101)^3 &= (-4 + 9216 - 7510 - 1)^3 \\
\\
4931550625 &:= (4 + 93 + 155 + 06 + 2 + 5)^4 &= (4 + 931 + 5 - 50 - 625)^4 \\
5158686976 &:= (51 + 58 + 68 + 6 + 9 + 76)^4 &= (51 + 58 + 6 + 86 - 9 + 76)^4 \\
5584059449 &:= (5 + 5 + 8 + 40 + 5 + 9 + 4 + 4 + 9)^5 &= (5 + 5 + 8 + 40 + 5 - 9 + 44 - 9)^5 \\
5887339441 &:= (58 + 87 + 33 + 94 + 4 + 1)^4 &= (-58 - 8 - 7 - 3 + 394 - 41)^4 \\
6178857875 &:= (61 + 7 + 885 + 7 + 875)^3 &= (-6 + 1788 + 57 + 8 - 7 - 5)^3 \\
6240321451 &:= (62 + 4 + 03 + 2 + 14 + 5 + 1)^5 &= (62 + 4 + 032 + 1 - 4 - 5 + 1)^5 \\
6414247921 &:= (64 + 142 + 47 + 9 + 21)^4 &= (-641 + 4 + 2 + 4 - 7 + 921)^4 \\
6690585616 &:= (66 + 90 + 58 + 56 + 16)^4 &= (6 - 6 + 905 - 8 + 5 - 616)^4 \\
\\
7269949696 &:= (72 + 6 + 99 + 4 + 96 + 9 + 6)^4 &= (7 + 2 - 6 + 994 - 9 - 696)^4 \\
7886150416 &:= (7 + 88 + 6 + 150 + 41 + 6)^4 &= (788 + 6 + 1 - 504 + 1 + 6)^4 \\
8208541201 &:= (8 + 2 + 085 + 4 + 1 + 201)^4 &= (-8 + 20 + 85 + 4 - 1 + 201)^4 \\
8303765625 &:= (8 + 3 + 03 + 7 + 6 + 5 + 6 + 2 + 5)^6 &= (83 - 03 + 7 - 6 - 5 - 6 - 25)^6 \\
9039207968 &:= (9 + 039 + 20 + 7 + 9 + 6 + 8)^5 &= (90 - 3 + 92 - 079 + 6 - 8)^5 \\
9509900499 &:= (9 + 50 + 9 + 9 + 004 + 9 + 9)^5 &= (950 - 9 - 900 + 49 + 9)^5 \\
9597924961 &:= (95 + 9 + 7 + 92 + 49 + 61)^4 &= (9 + 5 - 9 + 7 - 9 + 249 + 61)^4 \\
9718142104 &:= (9 + 7 + 1 + 8 + 1 + 4 + 2104)^3 &= (-9 + 7 + 18 + 14 + 2104)^3 \\
9911994481 &:= (99 + 11 + 99448 + 1)^2 &= (99119 - 9 + 448 + 1)^2
\end{aligned}$$

## 6 Numbers with Different Powers

This section brings **semi-selfie numbers** in such a way that same number can be written in different powers.

$$\begin{aligned}
1296 &:= (1 + 2 + 9 - 6)^4 & 16384 &:= (1 - 6 + 3 + 8 - 4)^{14} \\
&:= (1 + 29 + 6)^2 & &:= (1 - 6 - 3 + 8 + 4)^7 \\
\\
10000 &:= (10 + 000)^4 \\
&:= (100 + 00)^2 \\
\\
15625 &:= (1 + 5 + 6 - 2 - 5)^6 & 19683 &:= (1 - 9 + 6 + 8 - 3)^9 \\
&:= (1 + 5 - 6 + 25)^3 & &:= (1 + 9 + 6 + 8 + 3)^3
\end{aligned}$$

$$\begin{aligned} 32768 &:= (-3 - 2 - 7 + 6 + 8)^{15} \\ &:= (3 - 2 - 7 + 6 + 8)^5 \\ &:= (3 + 27 - 6 + 8)^3 \end{aligned}$$

$$\begin{aligned} 262144 &:= (2 - 6 - 2 + 14 - 4)^9 \\ &:= (2 - 6 + 2 + 14 - 4)^6 \end{aligned}$$

$$\begin{aligned} 390625 &:= (-3 + 9 + 0 + 6 - 2 - 5)^8 \\ &:= (3 - 9 + 0 + 6 + 25)^4 \end{aligned}$$

$$\begin{aligned} 531441 &:= (-5 - 3 + 14 - 4 + 1)^{12} \\ &:= (53 + 1 - 4 - 41)^6 \\ &:= (5 + 31 - 4 - 4 - 1)^4 \\ &:= (5 + 31 + 4 + 41)^3 \end{aligned}$$

$$\begin{aligned} 1000000 &:= (10 + 00000)^6 \\ &:= (100 + 0000)^3 \\ &:= (1000 + 000)^2 \end{aligned}$$

$$\begin{aligned} 1048576 &:= (10 + 4 - 8 - 5 + 7 - 6)^{20} \\ &:= (10 + 4 + 8 - 5 - 7 - 6)^{10} \\ &:= (10 + 4 + 8 - 5 - 7 + 6)^5 \\ &:= (10 - 4 + 8 + 5 + 7 + 6)^4 \end{aligned}$$

$$\begin{aligned} 1679616 &:= (1 + 6 + 7 - 9 - 6 + 1 + 6)^8 \\ &:= (16 + 7 - 9 + 6 + 16)^4 \\ &:= (1 + 679 + 616)^2 \end{aligned}$$

$$\begin{aligned} 1771561 &:= (1 + 77 - 1 - 5 - 61)^6 \\ &:= (177 - 1 - 56 + 1)^3 \\ &:= (-1 + 771 + 561)^2 \end{aligned}$$

$$\begin{aligned} 1953125 &:= (19 - 5 - 3 + 1 - 2 - 5)^9 \\ &:= (1 + 95 + 3 + 1 + 25)^3 \end{aligned}$$

$$\begin{aligned} 2097152 &:= (20 - 9 - 7 + 1 - 5 + 2)^{21} \\ &:= (20 - 9 - 7 + 1 + 5 - 2)^7 \\ &:= (-20 + 97 - 1 + 52)^3 \end{aligned}$$

$$\begin{aligned} 2985984 &:= (29 + 8 + 59 - 84)^6 \\ &:= (29 + 8 + 5 + 98 + 4)^3 \end{aligned}$$

$$\begin{aligned} 4194304 &:= (41 - 9 + 4 - 30 - 4)^{22} \\ &:= (-4 + 19 - 4 - 3 + 0 - 4)^{11} \end{aligned}$$

$$\begin{aligned} 4782969 &:= (4 - 7 - 8 + 2 + 9 - 6 + 9)^{14} \\ &:= (4 + 7 + 8 + 2 - 9 + 6 - 9)^7 \end{aligned}$$

$$\begin{aligned} 4826809 &:= (-4 + 826 - 809)^6 \\ &:= (4 + 82 - 6 + 80 + 9)^3 \end{aligned}$$

$$\begin{aligned} 9765625 &:= (9 - 76 + 5 + 62 + 5)^{10} \\ &:= (-97 + 65 + 62 - 5)^5 \end{aligned}$$

$$\begin{aligned} 10077696 &:= (1 + 007 + 7 + 6 - 9 - 6)^9 \\ &:= (100 + 7 + 7 + 6 + 96)^3 \end{aligned}$$

$$\begin{aligned} 14348907 &:= (14 + 3 - 4 - 8 - 9 + 07)^{15} \\ &:= (14 + 3 + 4 + 8 - 9 + 07)^5 \\ &:= (143 + 4 + 89 + 07)^3 \end{aligned}$$

$$\begin{aligned} 16777216 &:= (16 - 7 - 7 + 7 - 2 + 1 - 6)^{24} \\ &:= (16 + 7 - 7 - 7 + 2 - 1 - 6)^{12} \\ &:= (16 + 7 + 7 - 7 - 21 + 6)^8 \\ &:= (16 + 7 - 7 + 7 - 2 + 1 - 6)^6 \\ &:= (16 + 7 + 7 + 7 + 21 + 6)^4 \end{aligned}$$

$$\begin{aligned} 33554432 &:= (33 + 5 + 5 + 4 - 43 - 2)^{25} \\ &:= (33 - 5 + 5 - 4 + 4 - 3 + 2)^5 \end{aligned}$$

$$\begin{aligned} 34012224 &:= (34 - 012 + 2 - 2 - 4)^6 \\ &:= (340 - 12 + 2 - 2 - 4)^3 \end{aligned}$$

$$\begin{aligned} 43046721 &:= (43 - 046 + 7 - 2 + 1)^{16} \\ &:= (4 + 30 + 46 - 72 + 1)^8 \\ &:= (43 + 04 + 6 + 7 + 21)^4 \end{aligned}$$

$$\begin{aligned} 60466176 &:= (60 - 46 + 6 - 1 - 7 - 6)^{10} \\ &:= (6 + 04 + 6 + 6 + 1 + 7 + 6)^5 \end{aligned}$$

$$\begin{aligned} 67108864 &:= (67 - 1 + 08 - 8 - 64)^{26} \\ &:= (67 + 1 + 08 - 8 - 64)^{13} \end{aligned}$$

$$\begin{aligned} 85766121 &:= (8 + 57 - 66 + 1 + 21)^6 \\ &:= (-8 + 576 - 6 - 121)^3 \end{aligned}$$

$$\begin{aligned} 100000000 &:= (10 + 0000000)^8 \\ &:= (100 + 000000)^4 \\ &:= (10000 + 0000)^2 \end{aligned}$$

$$\begin{aligned} 134217728 &:= (1 - 3 + 42 - 17 + 7 - 28)^{27} \\ &:= (1 + 3 + 42 - 17 + 7 - 28)^9 \\ &:= (1 + 3 + 421 + 77 + 2 + 8)^3 \end{aligned}$$

$$\begin{aligned} 214358881 &:= (2 + 14 - 3 + 5 - 88 + 81)^8 \\ &:= (214 - 3 + 5 - 8 - 88 + 1)^4 \end{aligned}$$

$$\begin{aligned} 244140625 &:= (24 + 4 - 14 - 06 + 2 - 5)^{12} \\ &:= (24 - 4 + 14 - 06 + 2 - 5)^6 \\ &:= (2 - 4 - 4 + 140 - 6 + 2 - 5)^4 \end{aligned}$$

$$\begin{aligned} 268435456 &:= (2 - 68 - 4 + 3 + 5 + 4 + 56)^{28} \\ &:= (2 + 68 - 4 + 3 - 5 - 4 - 56)^{14} \\ &:= (2 + 68 - 4 - 3 + 5 + 4 - 56)^7 \\ &:= (2 + 68 + 4 - 3 + 5 - 4 + 56)^4 \end{aligned}$$

$$\begin{aligned} 282475249 &:= (28 - 24 - 7 - 5 + 24 - 9)^{10} \\ &:= (28 + 24 + 7 + 5 - 24 + 9)^5 \end{aligned}$$

$$\begin{aligned} 308915776 &:= (30 + 8 + 9 - 15 + 7 - 7 - 6)^6 \\ &:= (3 + 089 + 1 + 577 + 6)^3 \end{aligned}$$

$$\begin{aligned} 387420489 &:= (3 + 8 + 7 + 4 + 20 - 48 + 9)^{18} \\ &:= (3 + 8 - 7 + 4 - 20 + 4 + 8 + 9)^9 \\ &:= (3 + 8 - 7 + 4 - 20 + 48 - 9)^6 \end{aligned}$$

$$\begin{aligned} 429981696 &:= (4 + 2 + 99 + 8 + 1 - 6 - 96)^8 \\ &:= (4 + 2 + 99 + 8 + 16 + 9 + 6)^4 \end{aligned}$$

$$\begin{aligned} 481890304 &:= (4 - 81 + 8 + 90 + 3 + 04)^6 \\ &:= (481 + 8 - 9 + 0304)^3 \end{aligned}$$

$$\begin{aligned} 594823321 &:= (5 + 94 - 82 + 33 - 21)^6 \\ &:= (5 - 9 + 4 + 823 - 3 + 21)^3 \end{aligned}$$

$$\begin{aligned} 815730721 &:= (81 - 57 + 3 + 07 - 21)^8 \\ &:= (81 + 57 + 3 + 07 + 21)^4 \end{aligned}$$

$$\begin{aligned} 887503681 &:= (88 - 7 - 5 + 036 - 81)^6 \\ &:= (8 + 875 + 03 - 6 + 81)^3 \end{aligned}$$

$$\begin{aligned} 1000000000 &:= (10 + 00000000)^9 \\ &:= (1000 + 000000)^3 \end{aligned}$$

$$\begin{aligned} 1073741824 &:= (10 - 7 + 3 + 7 + 4 - 1 - 8 - 2 - 4)^{30} \\ &:= (10 + 7 - 3 + 7 - 4 + 1 - 8 - 2 - 4)^{15} \\ &:= (10 + 7 - 3 + 7 - 4 + 1 - 8 + 2 - 4)^{10} \\ &:= (10 + 7 + 3 + 7 + 4 - 1 + 8 - 2 - 4)^6 \\ &:= (10 + 7 + 3 - 7 + 41 + 8 - 2 + 4)^5 \end{aligned}$$

$$\begin{aligned} 1291467969 &:= (1 + 29 + 14 + 67 - 9 - 69)^6 \\ &:= (1 + 291 + 4 + 6 + 796 - 9)^3 \end{aligned}$$

$$\begin{aligned} 1475789056 &:= (147 + 5 + 7 - 89 - 056)^8 \\ &:= (147 + 5 + 78 - 90 + 56)^4 \end{aligned}$$

$$\begin{aligned} 1544804416 &:= (1 + 5 + 448 - 04 - 416)^6 \\ &:= (1544 - 804 + 416)^3 \end{aligned}$$

$$\begin{aligned} 2176782336 &:= (21 + 76 - 78 + 23 - 36)^{12} \\ &:= (21 - 76 + 78 - 23 + 36)^6 \\ &:= (21 + 7 + 67 + 82 + 3 + 36)^4 \\ &:= (2 + 176 + 782 + 336)^3 \end{aligned}$$

$$\begin{aligned} 2562890625 &:= (2 + 56 + 28 - 90 - 6 + 25)^8 \\ &:= (2 + 5 + 62 + 89 + 062 + 5)^4 \end{aligned}$$

$$\begin{aligned} 3486784401 &:= (3 - 48 + 6 + 7 - 8 + 4 + 40 - 1)^{20} \\ &:= (3 + 48 - 6 - 7 + 8 + 4 - 40 - 1)^{10} \\ &:= (3 + 48 - 6 - 7 + 8 - 4 + 40 - 1)^5 \\ &:= (3 + 48 + 67 + 84 + 40 + 1)^4 \end{aligned}$$

$$\begin{aligned} 3518743761 &:= (3 + 51 + 87 - 4 - 37 - 61)^6 \\ &:= (3 + 5 + 1 + 8 + 743 + 761)^3 \end{aligned}$$

$$\begin{aligned} 4294967296 &:= (42 + 9 - 4 - 9 - 6 - 7 - 29 + 6)^{32} \\ &:= (42 - 9 - 4 + 9 - 6 + 7 - 29 - 6)^{16} \\ &:= (42 + 9 - 4 - 9 + 6 + 7 - 29 - 6)^8 \\ &:= (42 - 9 + 49 + 6 + 72 + 96)^4 \end{aligned}$$

$$\begin{aligned} 6103515625 &:= (610 + 3 - 51 - 562 + 5)^{14} \\ &:= (610 - 3 - 515 - 62 - 5)^7 \end{aligned}$$

$$\begin{aligned} 6975757441 &:= (69 + 75 - 75 - 7 - 44 - 1)^8 \\ &:= (6 + 9 + 7 + 5 - 757 + 441)^4 \end{aligned}$$

$$\begin{aligned} 8589934592 &:= (8 + 58 - 99 - 3 + 45 - 9 + 2)^{33} \\ &:= (8 + 58 - 99 + 3 + 45 - 9 + 2)^{11} \end{aligned}$$



Below are all numbers up to 10-digits **semi-selfie numbers**. This we have divided in two sections. First only with positive sign and second with positive and negative signs. Due to high quantity of numbers, 11 and 12 digits numbers are given in second part of this work.

## 7 All Semi-Selfie Numbers: Positive Sign

This section deals will all types of **semi-selfie numbers** up to 10 digits only with positive sign.

$$81 := (8 + 1)^2$$

$$100 := (10 + 0)^2$$

$$512 := (5 + 1 + 2)^3$$

$$1000 := (10 + 00)^3$$

$$1296 := (1 + 29 + 6)^2$$

$$2025 := (20 + 25)^2$$

$$2401 := (2 + 4 + 01)^4$$

$$3025 := (30 + 25)^2$$

$$4913 := (4 + 9 + 1 + 3)^3$$

$$5832 := (5 + 8 + 3 + 2)^3$$

$$6724 := (6 + 72 + 4)^2$$

$$8281 := (8 + 2 + 81)^2$$

$$:= (82 + 8 + 1)^2$$

$$9801 := (98 + 01)^2$$

$$10000 := (10 + 000)^4$$

$$:= (100 + 00)^2$$

$$17576 := (1 + 7 + 5 + 7 + 6)^3$$

$$19683 := (1 + 9 + 6 + 8 + 3)^3$$

$$21952 := (2 + 19 + 5 + 2)^3$$

$$55225 := (5 + 5 + 225)^2$$

$$88209 := (88 + 209)^2$$

$$91125 := (9 + 11 + 25)^3$$

$$100000 := (10 + 0000)^5$$

$$130321 := (13 + 03 + 2 + 1)^4$$

$$136161 := (1 + 361 + 6 + 1)^2$$

$$136900 := (1 + 369 + 00)^2$$

$$143641 := (14 + 364 + 1)^2$$

$$166375 := (1 + 6 + 6 + 37 + 5)^3$$

$$171396 := (17 + 1 + 396)^2$$

$$234256 := (2 + 3 + 4 + 2 + 5 + 6)^4$$

$$238328 := (23 + 8 + 3 + 28)^3$$

$$250047 := (2 + 50 + 04 + 7)^3$$

$$357911 := (3 + 57 + 9 + 1 + 1)^3$$

$$373248 := (37 + 3 + 24 + 8)^3$$

$$390625 := (3 + 9 + 06 + 2 + 5)^4$$

$$431649 := (4 + 3 + 1 + 649)^2$$

$$455625 := (45 + 5 + 625)^2$$

$$494209 := (494 + 209)^2$$

$$531441 := (5 + 3 + 14 + 4 + 1)^4$$

$$:= (5 + 31 + 4 + 41)^3$$

$$:= (5 + 31 + 44 + 1)^3$$

$$551368 := (5 + 5 + 1 + 3 + 68)^3$$

$$:= (55 + 13 + 6 + 8)^3$$

$$571536 := (5 + 715 + 36)^2$$

$$614656 := (6 + 1 + 4 + 6 + 5 + 6)^4$$

$$627264 := (62 + 726 + 4)^2$$

$$704969 := (7 + 04 + 9 + 69)^3$$

$$753571 := (7 + 5 + 3 + 5 + 71)^3$$

$$:= (75 + 3 + 5 + 7 + 1)^3$$

$$826281 := (826 + 2 + 81)^2$$

$$842724 := (842 + 72 + 4)^2$$

$$893025 := (8 + 930 + 2 + 5)^2$$

$$929296 := (929 + 29 + 6)^2$$

$$970299 := (9 + 70 + 2 + 9 + 9)^3$$

$$980100 := (980 + 10 + 0)^2$$

$$982081 := (982 + 08 + 1)^2$$

$$998001 := (998 + 001)^2$$

$$1000000 := (10 + 00000)^6$$

$$:= (100 + 0000)^3$$

$$:= (1000 + 000)^2$$

$$1225043 := (12 + 2 + 50 + 43)^3$$

$$1259712 := (1 + 2 + 5 + 97 + 1 + 2)^3$$

$$:= (1 + 25 + 9 + 71 + 2)^3$$

$$1295029 := (1 + 2 + 95 + 02 + 9)^3$$

$$:= (1 + 29 + 50 + 29)^3$$

$$1336336 := (13 + 3 + 6 + 3 + 3 + 6)^4$$

$$1560896 := (1 + 5 + 6 + 08 + 96)^3$$

$$:= (15 + 6 + 089 + 6)^3$$

$$1679616 := (1 + 6 + 7 + 9 + 6 + 1 + 6)^4$$

$$:= (1 + 679 + 616)^2$$

$$1874161 := (1 + 8 + 7 + 4 + 16 + 1)^4$$

$$:= (18 + 7 + 4 + 1 + 6 + 1)^4$$

$$1953125 := (1 + 95 + 3 + 1 + 25)^3$$

$$2406104 := (24 + 06 + 104)^3$$

$$2515456 := (25 + 1 + 54 + 56)^3$$

$$2896804 := (2 + 896 + 804)^2$$

$$2924207 := (2 + 92 + 42 + 07)^3$$

$$2985984 := (29 + 8 + 5 + 98 + 4)^3$$

$$3048625 := (30 + 4 + 86 + 25)^3$$

$$:= (30 + 48 + 62 + 5)^3$$

$$3175524 := (3 + 1755 + 24)^2$$

$$3581577 := (3 + 5 + 81 + 57 + 7)^3$$

$$:= (3 + 58 + 15 + 77)^3$$

$$3652264 := (3 + 65 + 22 + 64)^3$$

$$:= (36 + 52 + 2 + 64)^3$$

$$4100625 := (4 + 10 + 06 + 25)^4$$

$$4173281 := (4 + 1 + 73 + 2 + 81)^3$$

$$:= (41 + 7 + 32 + 81)^3$$

$$4941729 := (494 + 1729)^2$$

$$5929741 := (5 + 92 + 9 + 74 + 1)^3$$

$$6644672 := (6 + 64 + 46 + 72)^3$$

$$:= (66 + 4 + 46 + 72)^3$$

$$:= (66 + 44 + 6 + 72)^3$$

$$6751269 := (67 + 51 + 2 + 69)^3$$

$$7311616 := (7 + 31 + 1 + 6 + 1 + 6)^4$$

$$7441984 := (744 + 1984)^2$$

$$7645373 := (7 + 64 + 53 + 73)^3$$

$$:= (76 + 45 + 3 + 73)^3$$

$$7762392 := (7 + 76 + 23 + 92)^3$$

$$:= (77 + 6 + 23 + 92)^3$$

$$7880599 := (7 + 8 + 80 + 5 + 99)^3$$

$$:= (7 + 88 + 05 + 99)^3$$

$$8503056 := (8 + 5 + 030 + 5 + 6)^4$$

$$8741816 := (8 + 7 + 4 + 181 + 6)^3$$

$$8869743 := (88 + 69 + 7 + 43)^3$$

$$8998912 := (8 + 9 + 98 + 91 + 2)^3$$

$$:= (8 + 99 + 8 + 91 + 2)^3$$

$$:= (8 + 99 + 89 + 12)^3$$

$$:= (89 + 98 + 9 + 12)^3$$

$$9150625 := (9 + 15 + 06 + 25)^4$$

$$9938375 := (99 + 38 + 3 + 75)^3$$

$$\begin{aligned}
10000000 &:= (10 + 000000)^7 & 21484952 &:= (214 + 8 + 49 + 5 + 2)^3 \\
10077696 &:= (100 + 7 + 7 + 6 + 96)^3 & 21717639 &:= (217 + 17 + 6 + 39)^3 \\
11239424 &:= (1 + 123 + 94 + 2 + 4)^3 & 23639903 &:= (236 + 39 + 9 + 03)^3 \\
11316496 &:= (1 + 1 + 31 + 6 + 4 + 9 + 6)^4 & 23804641 &:= (238 + 04641)^2 \\
11329956 &:= (11 + 3299 + 56)^2 & 24068836 &:= (2 + 4068 + 836)^2 \\
\\
11543176 &:= (1 + 1 + 5 + 43 + 176)^3 & 24502500 &:= (2450 + 2500)^2 \\
&:= (115 + 4 + 31 + 76)^3 & &:= (25 + 5025 + 00)^2 \\
& & &:= (2550 + 2500)^2 \\
\\
12649337 &:= (126 + 4 + 93 + 3 + 7)^3 & 26198073 &:= (26 + 198 + 073)^3 \\
12812904 &:= (128 + 12 + 90 + 4)^3 & 26512201 &:= (26 + 5122 + 01)^2 \\
12977875 &:= (129 + 7 + 7 + 87 + 5)^3 & 26873856 &:= (2 + 6 + 8 + 7 + 38 + 5 + 6)^4 \\
13293316 &:= (1 + 329 + 3316)^2 & 28005264 &:= (28 + 005264)^2 \\
13557124 &:= (1 + 3557 + 124)^2 & \\
13845841 &:= (1 + 38 + 4 + 5 + 8 + 4 + 1)^4 & 28372625 &:= (28 + 3 + 7 + 262 + 5)^3 \\
& & &:= (283 + 7 + 2 + 6 + 2 + 5)^3 \\
\\
14172488 &:= (14 + 172 + 48 + 8)^3 & 28398241 &:= (2 + 8 + 3 + 9 + 8 + 2 + 41)^4 \\
&:= (141 + 7 + 2 + 4 + 88)^3 & &:= (28 + 3 + 9 + 8 + 24 + 1)^4 \\
\\
14348907 &:= (143 + 4 + 89 + 07)^3 & 28652616 &:= (28 + 6 + 5 + 261 + 6)^3 \\
14526784 &:= (145 + 2 + 6 + 7 + 84)^3 & &:= (286 + 5 + 2 + 6 + 1 + 6)^3 \\
15752961 &:= (15 + 7 + 5 + 29 + 6 + 1)^4 & 28934443 &:= (289 + 3 + 4 + 4 + 4 + 3)^3 \\
16194277 &:= (161 + 9 + 4 + 2 + 77)^3 & 33362176 &:= (3 + 3 + 36 + 21 + 7 + 6)^4 \\
16777216 &:= (16 + 7 + 7 + 7 + 21 + 6)^4 & &:= (3 + 33 + 6 + 21 + 7 + 6)^4 \\
17073424 &:= (1 + 707 + 3424)^2 & &:= (33 + 3 + 6 + 21 + 7 + 6)^4 \\
17210368 &:= (1 + 7 + 2 + 1 + 03 + 6 + 8)^5 & 33698267 &:= (3 + 36 + 9 + 8 + 267)^3 \\
\\
17779581 &:= (1 + 7 + 77 + 95 + 81)^3 & 33698267 &:= (33 + 6 + 9 + 8 + 267)^3 \\
&:= (1 + 77 + 7 + 95 + 81)^3 & \\
\\
17984728 &:= (179 + 8 + 47 + 28)^3 & 34012224 &:= (3 + 4 + 01 + 2 + 2 + 2 + 4)^6 \\
\\
19465109 &:= (1 + 94 + 65 + 109)^3 & 34328125 &:= (34 + 3 + 281 + 2 + 5)^3 \\
&:= (194 + 65 + 1 + 09)^3 & 38950081 &:= (3 + 8 + 9 + 50 + 08 + 1)^4 \\
\\
19902511 &:= (1 + 9 + 9 + 0251 + 1)^3 & 43046721 &:= (4 + 3 + 04 + 67 + 2 + 1)^4 \\
\\
20151121 &:= (2 + 01 + 51 + 12 + 1)^4 & &:= (4 + 3 + 046 + 7 + 21)^4 \\
&:= (20 + 15 + 11 + 21)^4 & &:= (43 + 04 + 6 + 7 + 21)^4
\end{aligned}$$

$$\begin{aligned}
45212176 &:= (4 + 52 + 1 + 2 + 17 + 6)^4 \\
&:= (4 + 52 + 12 + 1 + 7 + 6)^4 \\
&:= (45 + 2 + 1 + 21 + 7 + 6)^4 \\
&:= (45 + 2 + 12 + 17 + 6)^4 \\
&:= (45 + 21 + 2 + 1 + 7 + 6)^4
\end{aligned}$$

$$\begin{aligned}
46268279 &:= (4 + 6 + 2 + 68 + 279)^3 \\
&:= (4 + 6 + 268 + 2 + 79)^3 \\
&:= (4 + 62 + 6 + 8 + 279)^3 \\
&:= (46 + 26 + 8 + 279)^3
\end{aligned}$$

$$\begin{aligned}
46676224 &:= (46 + 6762 + 24)^2 \\
50653000 &:= (5 + 065 + 300 + 0)^3 \\
51710481 &:= (5 + 1 + 7104 + 81)^2
\end{aligned}$$

$$\begin{aligned}
52200625 &:= (52 + 2 + 006 + 25)^4 \\
&:= (52 + 20 + 06 + 2 + 5)^4
\end{aligned}$$

$$\begin{aligned}
52521875 &:= (5 + 2 + 5 + 2 + 1 + 8 + 7 + 5)^5 \\
52881984 &:= (5288 + 1984)^2
\end{aligned}$$

$$\begin{aligned}
53582633 &:= (5 + 358 + 2 + 6 + 3 + 3)^3 \\
&:= (53 + 58 + 263 + 3)^3
\end{aligned}$$

$$\begin{aligned}
54597321 &:= (5 + 4 + 59 + 7321)^2 \\
&:= (54 + 5 + 9 + 7321)^2
\end{aligned}$$

$$\begin{aligned}
56746089 &:= (56 + 7460 + 8 + 9)^2 \\
56896849 &:= (5 + 689 + 6849)^2
\end{aligned}$$

$$\begin{aligned}
57562569 &:= (5 + 7562 + 5 + 6 + 9)^2 \\
60466176 &:= (6 + 04 + 6 + 6 + 1 + 7 + 6)^5 \\
60481729 &:= (6048 + 1729)^2
\end{aligned}$$

$$\begin{aligned}
61629875 &:= (6 + 16 + 298 + 75)^3 \\
63297936 &:= (6 + 3 + 2 + 9 + 7936)^2 \\
68574961 &:= (6 + 8 + 57 + 4 + 9 + 6 + 1)^4 \\
70829056 &:= (70 + 8290 + 56)^2 \\
71284249 &:= (7 + 1 + 2 + 8424 + 9)^2 \\
76860289 &:= (76 + 8602 + 89)^2 \\
78428736 &:= (78 + 42 + 8736)^2
\end{aligned}$$

$$\begin{aligned}
79388100 &:= (7 + 93 + 8810 + 0)^2 \\
79887844 &:= (7 + 9 + 8878 + 44)^2 \\
84787264 &:= (8478 + 726 + 4)^2 \\
86769225 &:= (8 + 6 + 76 + 9225)^2 \\
86955625 &:= (8695 + 5 + 625)^2 \\
91891396 &:= (9189 + 1 + 396)^2
\end{aligned}$$

$$\begin{aligned}
92563641 &:= (9256 + 364 + 1)^2 \\
92929600 &:= (9 + 29 + 2 + 9600)^2 \\
95355225 &:= (9535 + 5 + 225)^2 \\
97336000 &:= (97 + 3 + 360 + 00)^3
\end{aligned}$$

$$\begin{aligned}
98029801 &:= (98 + 02 + 9801)^2 \\
&:= (9802 + 98 + 01)^2
\end{aligned}$$

$$\begin{aligned}
98188281 &:= (9818 + 8 + 2 + 81)^2 \\
&:= (9818 + 82 + 8 + 1)^2
\end{aligned}$$

$$\begin{aligned}
98366724 &:= (9836 + 6 + 72 + 4)^2 \\
98903025 &:= (9890 + 30 + 25)^2 \\
99102025 &:= (9910 + 20 + 25)^2 \\
99281296 &:= (9928 + 1 + 29 + 6)^2 \\
99800100 &:= (9980 + 010 + 0)^2 \\
99820081 &:= (9982 + 008 + 1)^2 \\
99980001 &:= (9998 + 0001)^2
\end{aligned}$$

$$\begin{aligned}
100000000 &:= (10 + 0000000)^8 \\
&:= (100 + 000000)^4 \\
&:= (10000 + 0000)^2
\end{aligned}$$

$$\begin{aligned}
108531333 &:= (108 + 5 + 31 + 333)^3 \\
109215352 &:= (109 + 2 + 15 + 352)^3 \\
110502144 &:= (1 + 10502 + 1 + 4 + 4)^2
\end{aligned}$$

$$\begin{aligned}
112550881 &:= (1 + 1 + 2 + 5 + 5 + 08 + 81)^4 \\
&:= (1 + 1 + 2 + 5 + 5 + 088 + 1)^4
\end{aligned}$$

$$\begin{aligned}
112550881 &:= (11 + 25 + 50 + 8 + 8 + 1)^4 \\
114084125 &:= (11 + 408 + 41 + 25)^3 \\
122023936 &:= (1 + 220 + 239 + 36)^3
\end{aligned}$$

$$\begin{aligned}
 126247696 &:= (1 + 2 + 6 + 2 + 4 + 76 + 9 + 6)^4 \\
 &:= (12 + 6 + 2 + 4 + 7 + 69 + 6)^4 \\
 &:= (12 + 62 + 4 + 7 + 6 + 9 + 6)^4
 \end{aligned}$$

$$128024064 := (12 + 80 + 2 + 406 + 4)^3$$

$$\begin{aligned}
 134217728 &:= (1 + 3 + 421 + 7 + 72 + 8)^3 \\
 &:= (1 + 3 + 421 + 77 + 2 + 8)^3
 \end{aligned}$$

$$\begin{aligned}
 136048896 &:= (1 + 36 + 048 + 8 + 9 + 6)^4 \\
 &:= (13 + 60 + 4 + 8 + 8 + 9 + 6)^4
 \end{aligned}$$

$$\begin{aligned}
 141158161 &:= (1 + 4 + 1 + 15 + 81 + 6 + 1)^4 \\
 &:= (1 + 4 + 11 + 5 + 81 + 6 + 1)^4 \\
 &:= (1 + 41 + 1 + 58 + 1 + 6 + 1)^4 \\
 &:= (14 + 1 + 1 + 5 + 81 + 6 + 1)^4
 \end{aligned}$$

$$142236648 := (142 + 2 + 366 + 4 + 8)^3$$

$$149377284 := (1 + 4937 + 7284)^2$$

$$\begin{aligned}
 149721291 &:= (1 + 497 + 2 + 1 + 29 + 1)^3 \\
 &:= (1 + 497 + 21 + 2 + 9 + 1)^3
 \end{aligned}$$

$$\begin{aligned}
 157351936 &:= (1 + 5 + 7 + 3 + 51 + 9 + 36)^4 \\
 &:= (1 + 5 + 73 + 5 + 19 + 3 + 6)^4 \\
 &:= (1 + 57 + 3 + 5 + 1 + 9 + 36)^4 \\
 &:= (1 + 57 + 35 + 1 + 9 + 3 + 6)^4 \\
 &:= (15 + 7 + 35 + 19 + 36)^4 \\
 &:= (15 + 73 + 5 + 1 + 9 + 3 + 6)^4
 \end{aligned}$$

$$158340421 := (158 + 340 + 42 + 1)^3$$

$$161976529 := (1 + 6197 + 6529)^2$$

$$164566592 := (16 + 456 + 65 + 9 + 2)^3$$

$$\begin{aligned}
 164916224 &:= (1 + 6 + 4 + 9 + 16 + 2 + 2 + 4)^5 \\
 &:= (16 + 4 + 9 + 1 + 6 + 2 + 2 + 4)^5
 \end{aligned}$$

$$165469149 := (1 + 65 + 469 + 1 + 4 + 9)^3$$

$$166375000 := (1 + 6 + 6 + 37 + 500 + 0)^3$$

$$174676879 := (1 + 7 + 467 + 68 + 7 + 9)^3$$

$$\begin{aligned}
 174900625 &:= (1 + 7 + 4 + 90 + 06 + 2 + 5)^4 \\
 &:= (1 + 74 + 9 + 006 + 25)^4
 \end{aligned}$$

$$182284263 := (18 + 2 + 284 + 263)^3$$

$$183250432 := (1 + 83 + 2 + 50 + 432)^3$$

$$\begin{aligned}
 184528125 &:= (1 + 8 + 4 + 5 + 2 + 8 + 12 + 5)^5 \\
 &:= (18 + 4 + 5 + 2 + 8 + 1 + 2 + 5)^5
 \end{aligned}$$

$$\begin{aligned}
 187388721 &:= (1 + 8 + 7 + 3 + 8 + 87 + 2 + 1)^4 \\
 &:= (1 + 8 + 7 + 3 + 88 + 7 + 2 + 1)^4 \\
 &:= (1 + 87 + 3 + 8 + 8 + 7 + 2 + 1)^4 \\
 &:= (18 + 7 + 3 + 8 + 8 + 72 + 1)^4 \\
 &:= (18 + 73 + 8 + 8 + 7 + 2 + 1)^4
 \end{aligned}$$

$$\begin{aligned}
 190109375 &:= (1 + 90 + 109 + 375)^3 \\
 &:= (190 + 1 + 09 + 375)^3
 \end{aligned}$$

$$\begin{aligned}
 193877776 &:= (1 + 9 + 3 + 8 + 7 + 7 + 7 + 76)^4 \\
 &:= (1 + 9 + 3 + 8 + 7 + 7 + 77 + 6)^4 \\
 &:= (1 + 9 + 3 + 8 + 7 + 77 + 7 + 6)^4 \\
 &:= (1 + 9 + 3 + 8 + 77 + 7 + 7 + 6)^4
 \end{aligned}$$

$$205962976 := (2 + 05 + 9 + 6 + 2 + 9 + 7 + 6)^5$$

$$\begin{aligned}
 214358881 &:= (2 + 1 + 43 + 58 + 8 + 8 + 1)^4 \\
 &:= (2 + 14 + 3 + 5 + 8 + 8 + 81)^4 \\
 &:= (2 + 14 + 3 + 5 + 8 + 88 + 1)^4 \\
 &:= (2 + 14 + 3 + 5 + 88 + 8 + 1)^4
 \end{aligned}$$

$$\begin{aligned}
 219256227 &:= (2 + 1 + 9 + 2 + 562 + 27)^3 \\
 &:= (21 + 9 + 2 + 562 + 2 + 7)^3
 \end{aligned}$$

$$\begin{aligned}
 236421376 &:= (2 + 36 + 4 + 2 + 1 + 3 + 76)^4 \\
 &:= (2 + 36 + 42 + 1 + 37 + 6)^4 \\
 &:= (23 + 6 + 4 + 2 + 13 + 76)^4 \\
 &:= (23 + 64 + 21 + 3 + 7 + 6)^4
 \end{aligned}$$

$$251239591 := (2 + 5 + 1 + 23 + 9 + 591)^3$$

$$:= (25 + 1 + 2 + 3 + 9 + 591)^3$$

$$\begin{aligned} 260144641 &:= (2 + 60 + 14 + 4 + 6 + 41)^4 \\ &:= (2 + 60 + 14 + 46 + 4 + 1)^4 \\ &:= (26 + 014 + 46 + 41)^4 \end{aligned}$$

$$\begin{aligned} 260917119 &:= (2 + 609 + 1 + 7 + 1 + 19)^3 \\ &:= (2 + 609 + 1 + 7 + 11 + 9)^3 \\ &:= (2 + 609 + 17 + 1 + 1 + 9)^3 \end{aligned}$$

$$262144000 := (26 + 214 + 400 + 0)^3$$

$$\begin{aligned} 273359449 &:= (2 + 7 + 33 + 594 + 4 + 9)^3 \\ &:= (273 + 359 + 4 + 4 + 9)^3 \end{aligned}$$

$$\begin{aligned} 282300416 &:= (2 + 8 + 230 + 0416)^3 \\ 295408296 &:= (29 + 540 + 82 + 9 + 6)^3 \\ 298287441 &:= (2 + 9828 + 7441)^2 \\ 300814336 &:= (3008 + 14336)^2 \end{aligned}$$

$$\begin{aligned} 306182024 &:= (30 + 618 + 2 + 024)^3 \\ &:= (30 + 618 + 20 + 2 + 4)^3 \end{aligned}$$

$$\begin{aligned} 307546875 &:= (30 + 7 + 546 + 87 + 5)^3 \\ 308915776 &:= (3 + 089 + 1 + 577 + 6)^3 \end{aligned}$$

$$\begin{aligned} 312900721 &:= (3 + 12 + 90 + 07 + 21)^4 \\ &:= (31 + 2 + 90 + 07 + 2 + 1)^4 \\ &:= (31 + 29 + 0072 + 1)^4 \end{aligned}$$

$$332150625 := (33 + 21 + 50 + 6 + 25)^4$$

$$\begin{aligned} 385828352 &:= (3 + 8 + 582 + 83 + 52)^3 \\ &:= (385 + 8 + 283 + 52)^3 \end{aligned}$$

$$\begin{aligned} 406586896 &:= (40 + 6 + 5 + 8 + 68 + 9 + 6)^4 \\ &:= (40 + 65 + 8 + 6 + 8 + 9 + 6)^4 \end{aligned}$$

$$416832723 := (4 + 1 + 6 + 8 + 3 + 2 + 723)^3$$

$$\begin{aligned} 418195493 &:= (4 + 1 + 8 + 19 + 5 + 4 + 9 + 3)^5 \\ &:= (4 + 18 + 1 + 9 + 5 + 4 + 9 + 3)^5 \end{aligned}$$

$$\begin{aligned} 429981696 &:= (4 + 2 + 9 + 9 + 8 + 16 + 96)^4 \\ &:= (4 + 2 + 9 + 98 + 16 + 9 + 6)^4 \\ &:= (4 + 2 + 99 + 8 + 16 + 9 + 6)^4 \\ &:= (4 + 29 + 9 + 81 + 6 + 9 + 6)^4 \\ &:= (42 + 9 + 9 + 8 + 1 + 69 + 6)^4 \end{aligned}$$

$$\begin{aligned} 442050625 &:= (4 + 4 + 20 + 50 + 62 + 5)^4 \\ &:= (44 + 20 + 50 + 6 + 25)^4 \end{aligned}$$

$$\begin{aligned} 447697125 &:= (4 + 47 + 697 + 12 + 5)^3 \\ &:= (44 + 7 + 697 + 12 + 5)^3 \end{aligned}$$

$$459165024 := (4 + 5 + 9 + 1 + 6 + 5 + 024)^5$$

$$\begin{aligned} 479785216 &:= (4 + 7 + 97 + 8 + 5 + 21 + 6)^4 \\ &:= (47 + 9 + 78 + 5 + 2 + 1 + 6)^4 \end{aligned}$$

$$\begin{aligned} 480048687 &:= (4 + 80 + 04 + 8 + 687)^3 \\ &:= (48 + 0048 + 687)^3 \end{aligned}$$

$$\begin{aligned} 493817284 &:= (4938 + 17284)^2 \\ 494217361 &:= (494 + 21736 + 1)^2 \end{aligned}$$

$$494913671 := (4 + 94 + 9 + 13 + 671)^3$$

$$\begin{aligned} 498677257 &:= (4 + 98 + 677 + 2 + 5 + 7)^3 \\ &:= (49 + 8 + 677 + 2 + 57)^3 \end{aligned}$$

$$503284375 := (5 + 03 + 28 + 4 + 3 + 7 + 5)^5$$

$$513922401 := (5 + 1 + 392 + 2 + 401)^3$$

$$533411731 := (5 + 33 + 41 + 1 + 731)^3$$

$$\begin{aligned} 547981281 &:= (5 + 47 + 9 + 8 + 1 + 2 + 81)^4 \\ &:= (5 + 47 + 9 + 81 + 2 + 8 + 1)^4 \\ &:= (54 + 79 + 8 + 1 + 2 + 8 + 1)^4 \end{aligned}$$

$$549353259 := (549 + 3 + 5 + 3 + 259)^3$$

$$551368000 := (5 + 5 + 1 + 3 + 6 + 800 + 0)^3$$

$$\begin{aligned} 562448656 &:= (5 + 6 + 2 + 44 + 86 + 5 + 6)^4 \\ &:= (5 + 6 + 24 + 48 + 65 + 6)^4 \end{aligned}$$

$$\begin{aligned} &:= (5 + 62 + 4 + 4 + 8 + 65 + 6)^4 \\ &:= (56 + 24 + 4 + 8 + 6 + 56)^4 \end{aligned}$$

$$569722789 := (5 + 6 + 9 + 722 + 78 + 9)^3$$

$$584277056 := (5 + 8 + 42 + 770 + 5 + 6)^3$$

$$586376253 := (5 + 8 + 6 + 3 + 762 + 53)^3 \\ := (58 + 6 + 3 + 762 + 5 + 3)^3$$

$$588480472 := (5 + 8 + 8 + 4 + 804 + 7 + 2)^3$$

$$605495736 := (6 + 05 + 4 + 95 + 736)^3$$

$$607573201 := (6 + 075 + 73 + 2 + 01)^4 \\ := (60 + 7 + 57 + 32 + 01)^4$$

$$607645423 := (6 + 0764 + 54 + 23)^3$$

$$612220032 := (6 + 1 + 2 + 2 + 2 + 003 + 2)^7$$

$$627222016 := (627 + 2 + 220 + 1 + 6)^3 \\ := (627 + 22 + 201 + 6)^3 \\ := (627 + 222 + 01 + 6)^3$$

$$642825316 := (6 + 4 + 28 + 25316)^2$$

$$663054848 := (6 + 6 + 3 + 05 + 4 + 848)^3$$

$$667627624 := (6 + 6 + 762 + 76 + 24)^3$$

$$683797841 := (6 + 8 + 3 + 7 + 9 + 7 + 841)^3 \\ := (6 + 8 + 3 + 79 + 784 + 1)^3 \\ := (68 + 3 + 797 + 8 + 4 + 1)^3 \\ := (683 + 79 + 78 + 41)^3$$

$$688465387 := (6 + 8 + 846 + 5 + 3 + 8 + 7)^3$$

$$688747536 := (6 + 8 + 8 + 74 + 7 + 53 + 6)^4 \\ := (6 + 8 + 87 + 47 + 5 + 3 + 6)^4 \\ := (6 + 88 + 7 + 47 + 5 + 3 + 6)^4$$

$$704969000 := (704 + 96 + 90 + 00)^3$$

$$705911761 := (70 + 5 + 9 + 1 + 1 + 76 + 1)^4 \\ := (70 + 5 + 9 + 1 + 17 + 61)^4 \\ := (70 + 5 + 9 + 11 + 7 + 61)^4$$

$$707347971 := (7 + 0734 + 79 + 71)^3$$

$$:= (70 + 734 + 7 + 9 + 71)^3$$

$$:= (70 + 734 + 79 + 7 + 1)^3$$

$$:= (707 + 34 + 79 + 71)^3$$

$$709732288 := (709 + 73 + 22 + 88)^3$$

$$726572699 := (7 + 2 + 65 + 726 + 99)^3$$

$$748613312 := (7 + 4 + 861 + 3 + 31 + 2)^3$$

$$:= (7 + 4 + 861 + 33 + 1 + 2)^3$$

$$751527396 := (7 + 5 + 1 + 5 + 27396)^2$$

$$753571000 := (753 + 57 + 100 + 0)^3$$

$$759333136 := (7 + 5 + 9 + 3 + 3 + 3 + 136)^4$$

$$:= (7 + 59 + 33 + 31 + 36)^4$$

$$799178752 := (79 + 9 + 1 + 787 + 52)^3$$

$$815730721 := (8 + 1 + 57 + 30 + 72 + 1)^4$$

$$:= (8 + 15 + 73 + 072 + 1)^4$$

$$:= (81 + 5 + 7 + 3 + 072 + 1)^4$$

$$:= (81 + 5 + 73 + 07 + 2 + 1)^4$$

$$:= (81 + 57 + 3 + 07 + 21)^4$$

$$817400375 := (817 + 40 + 03 + 75)^3$$

$$820025856 := (820 + 02 + 58 + 56)^3$$

$$:= (820 + 025 + 85 + 6)^3$$

$$822656953 := (8 + 226 + 5 + 695 + 3)^3$$

$$:= (822 + 6 + 5 + 6 + 95 + 3)^3$$

$$843908625 := (843 + 9 + 086 + 2 + 5)^3$$

$$846590536 := (846 + 59 + 05 + 36)^3$$

$$865523177 := (865 + 5 + 2 + 3 + 1 + 77)^3$$

$$875213056 := (8 + 75 + 2 + 1 + 30 + 56)^4$$

$$:= (87 + 5 + 21 + 3 + 056)^4$$

$$893056347 := (8 + 9 + 305 + 634 + 7)^3$$

$$:= (8 + 930 + 5 + 6 + 3 + 4 + 7)^3$$

$$:= (893 + 056 + 3 + 4 + 7)^3$$

$$\begin{aligned}
895841344 &:= (895 + 8 + 4 + 13 + 44)^3 & 1073283121 &:= (1 + 073 + 2 + 83 + 1 + 21)^4 \\
915498611 &:= (91 + 5 + 4 + 9 + 861 + 1)^3 & &:= (10 + 7 + 32 + 8 + 3 + 121)^4 \\
& & &:= (10 + 73 + 2 + 83 + 12 + 1)^4 \\
916132832 &:= (9 + 1 + 6 + 1 + 3 + 2 + 8 + 32)^5 & &:= (107 + 32 + 8 + 31 + 2 + 1)^4 \\
&:= (9 + 1 + 6 + 1 + 32 + 8 + 3 + 2)^5 & 1073741824 &:= (1 + 07 + 3 + 7 + 4 + 18 + 24)^5 \\
&:= (9 + 1 + 6 + 13 + 28 + 3 + 2)^5 & &:= (1 + 07 + 37 + 4 + 1 + 8 + 2 + 4)^5 \\
&:= (9 + 16 + 1 + 3 + 28 + 3 + 2)^5 & &:= (10 + 7 + 3 + 7 + 4 + 1 + 8 + 24)^5 \\
918330048 &:= (91 + 833 + 0048)^3 & 1076890625 &:= (10 + 76 + 8 + 906 + 25)^3 \\
&:= (918 + 3 + 3 + 0048)^3 & 1083206683 &:= (10 + 8 + 320 + 6 + 683)^3 \\
921167317 &:= (921 + 1 + 6 + 7 + 31 + 7)^3 & 1108717875 &:= (1 + 10 + 871 + 78 + 75)^3 \\
& & &:= (11 + 0871 + 78 + 75)^3 \\
937890625 &:= (9 + 3 + 7 + 89 + 062 + 5)^4 & 1133601561 &:= (1 + 1 + 33601 + 5 + 61)^2 \\
&:= (9 + 37 + 8 + 90 + 6 + 25)^4 & &:= (11 + 33601 + 56 + 1)^2 \\
941192000 &:= (941 + 19 + 20 + 00)^3 & 1137893184 &:= (1 + 13 + 7 + 8 + 931 + 84)^3 \\
946966168 &:= (946 + 9 + 6 + 6 + 1 + 6 + 8)^3 & &:= (1 + 137 + 893 + 1 + 8 + 4)^3 \\
& & &:= (11 + 3 + 7 + 8 + 931 + 84)^3 \\
970299000 &:= (9 + 70 + 2 + 9 + 900 + 0)^3 & 1141166125 &:= (11 + 411 + 6 + 612 + 5)^3 \\
&:= (970 + 2 + 9 + 9 + 000)^3 & 1146228736 &:= (1 + 14 + 62 + 28 + 73 + 6)^4 \\
973242271 &:= (973 + 2 + 4 + 2 + 2 + 7 + 1)^3 & &:= (11 + 4 + 62 + 28 + 73 + 6)^4 \\
992436543 &:= (9 + 9 + 24 + 3 + 6 + 5 + 4 + 3)^5 & &:= (11 + 46 + 2 + 2 + 87 + 36)^4 \\
1000000000 &:= (10 + 0000 + 0000)^9 & 1164252608 &:= (1 + 16 + 425 + 2 + 608)^3 \\
&:= (1000 + 0000 + 00)^3 & &:= (11 + 6 + 425 + 2 + 608)^3 \\
1003875856 &:= (1 + 003 + 8 + 75 + 85 + 6)^4 & 1170905464 &:= (11 + 70 + 905 + 4 + 64)^3 \\
&:= (1 + 0038 + 75 + 8 + 56)^4 & 1178342929 &:= (1 + 17 + 8 + 34292 + 9)^2 \\
& & &:= (11 + 7 + 8 + 34292 + 9)^2 \\
1027243729 &:= (1 + 0272 + 4 + 3 + 729)^3 & 1194389981 &:= (1 + 1 + 9 + 43 + 8 + 998 + 1)^3 \\
&:= (10 + 27 + 243 + 729)^3 & &:= (1 + 1 + 943 + 8 + 9 + 98 + 1)^3 \\
& & &:= (1 + 1 + 943 + 8 + 99 + 8 + 1)^3 \\
1048772096 &:= (104 + 877 + 20 + 9 + 6)^3 & &:= (1 + 19 + 4 + 38 + 998 + 1)^3 \\
1049760000 &:= (104 + 9 + 7 + 60 + 000)^4 & &:= (1 + 19 + 43 + 8 + 9 + 981)^3 \\
& & &:= (11 + 9 + 4 + 38 + 998 + 1)^3 \\
1051871913 &:= (1 + 051 + 871 + 91 + 3)^3 & &:= (11 + 9 + 43 + 8 + 9 + 981)^3 \\
&:= (10 + 5 + 1 + 87 + 1 + 913)^3 & &:= (11 + 943 + 8 + 9 + 9 + 81)^3 \\
&:= (10 + 5 + 18 + 71 + 913)^3 & &:= (11 + 943 + 89 + 9 + 8 + 1)^3
\end{aligned}$$



$$1197770328 := (1 + 1 + 977 + 70 + 3 + 2 + 8)^3$$

$$1222830961 := (1 + 2 + 2 + 2 + 83 + 096 + 1)^4 \\ := (12 + 22 + 83 + 09 + 61)^4$$

$$1256135364 := (12 + 5 + 61 + 35364)^2$$

$$1263214441 := (1 + 2 + 632 + 1 + 4 + 441)^3 \\ := (1 + 2 + 632 + 1 + 444 + 1)^3$$

$$1275989841 := (1 + 2 + 75 + 9 + 8 + 9 + 84 + 1)^4 \\ := (1 + 2 + 75 + 9 + 89 + 8 + 4 + 1)^4 \\ := (1 + 27 + 5 + 9 + 8 + 98 + 41)^4 \\ := (1 + 27 + 5 + 98 + 9 + 8 + 41)^4 \\ := (1 + 27 + 59 + 8 + 9 + 84 + 1)^4 \\ := (1 + 27 + 59 + 89 + 8 + 4 + 1)^4 \\ := (12 + 7 + 59 + 8 + 98 + 4 + 1)^4$$

$$1280000000 := (12 + 8 + 0000 + 000)^7$$

$$1287913472 := (1 + 2 + 879 + 134 + 72)^3 \\ := (12 + 87 + 913 + 4 + 72)^3$$

$$1291467969 := (1 + 2 + 914 + 67 + 96 + 9)^3 \\ := (12 + 91 + 4 + 6 + 7 + 969)^3$$

$$1323753192 := (1 + 323 + 753 + 19 + 2)^3$$

$$1336487364 := (1 + 3 + 36487 + 3 + 64)^2$$

$$1358291025 := (1 + 35829 + 1025)^2$$

$$1386195875 := (1 + 38 + 6 + 195 + 875)^3 \\ := (13 + 8 + 61 + 958 + 75)^3 \\ := (138 + 6 + 1 + 95 + 875)^3 \\ := (138 + 6 + 1 + 958 + 7 + 5)^3$$

$$1387488001 := (13 + 87 + 4 + 8 + 80 + 01)^4 \\ := (13 + 87 + 4 + 88 + 001)^4$$

$$1389928896 := (1 + 3 + 8 + 992 + 8 + 8 + 96)^3 \\ := (1 + 3 + 89 + 928 + 89 + 6)^3 \\ := (13 + 8 + 992 + 8 + 89 + 6)^3 \\ := (13 + 8 + 992 + 88 + 9 + 6)^3$$

$$1427628376 := (1 + 4 + 276 + 2 + 837 + 6)^3$$

$$1454419637 := (1 + 45 + 441 + 9 + 637)^3$$

$$1475789056 := (1 + 4 + 7 + 5 + 78 + 90 + 5 + 6)^4 \\ := (1 + 4 + 75 + 7 + 8 + 90 + 5 + 6)^4 \\ := (1 + 47 + 5 + 78 + 9 + 056)^4 \\ := (14 + 75 + 7 + 89 + 05 + 6)^4$$

$$1497193984 := (1 + 49 + 71 + 939 + 84)^3 \\ := (14 + 9 + 719 + 398 + 4)^3$$

$$1518037444 := (1518 + 037444)^2$$

$$1532808577 := (1 + 5 + 3 + 280 + 857 + 7)^3$$

$$1536953616 := (1 + 5 + 3 + 69 + 53 + 61 + 6)^4 \\ := (1 + 53 + 6 + 95 + 36 + 1 + 6)^4 \\ := (1 + 53 + 69 + 5 + 3 + 61 + 6)^4 \\ := (1 + 53 + 69 + 53 + 6 + 16)^4 \\ := (15 + 36 + 95 + 36 + 16)^4 \\ := (153 + 6 + 9 + 5 + 3 + 6 + 16)^4$$

$$1553936400 := (1 + 55 + 39364 + 00)^2$$

$$1568239201 := (1 + 56 + 82 + 39 + 20 + 1)^4 \\ := (15 + 6 + 82 + 3 + 92 + 01)^4 \\ := (15 + 68 + 23 + 92 + 01)^4 \\ := (156 + 8 + 2 + 3 + 9 + 20 + 1)^4 \\ := (156 + 8 + 23 + 9 + 2 + 01)^4$$

$$1568983528 := (156 + 8 + 983 + 5 + 2 + 8)^3$$

$$1634691752 := (163 + 46 + 917 + 52)^3$$

$$1664966416 := (1 + 66 + 49 + 6 + 64 + 16)^4 \\ := (1 + 66 + 49 + 66 + 4 + 16)^4 \\ := (16 + 6 + 4 + 96 + 64 + 16)^4 \\ := (16 + 64 + 9 + 66 + 41 + 6)^4 \\ := (16 + 64 + 96 + 6 + 4 + 16)^4 \\ := (166 + 4 + 9 + 6 + 6 + 4 + 1 + 6)^4$$

$$\begin{aligned}
1693240201 &:= (16 + 932 + 40201)^2 & 2176782336 &:= (2 + 1 + 76 + 78 + 23 + 36)^4 \\
1710777536 &:= (1 + 7 + 1077 + 75 + 36)^3 & &:= (2 + 176 + 782 + 336)^3 \\
1719374392 &:= (1 + 719 + 37 + 439 + 2)^3 & &:= (21 + 7 + 67 + 82 + 3 + 36)^4 \\
1748410596 &:= (1 + 748 + 41059 + 6)^2 & &:= (21 + 7 + 67 + 82 + 33 + 6)^4 \\
1754049816 &:= (175 + 40 + 4 + 981 + 6)^3 & &:= (21 + 76 + 78 + 2 + 3 + 36)^4 \\
& & &:= (21 + 76 + 78 + 2 + 33 + 6)^4 \\
1766100625 &:= (1 + 7 + 66 + 100 + 6 + 25)^4 & 2217373921 &:= (2 + 2 + 173 + 7 + 3 + 9 + 21)^4 \\
&:= (1 + 76 + 61 + 0062 + 5)^4 & &:= (22 + 173 + 7 + 3 + 9 + 2 + 1)^4 \\
&:= (176 + 6 + 10 + 06 + 2 + 5)^4 \\
1804229351 &:= (1 + 8 + 042 + 2 + 9 + 3 + 5 + 1)^5 & 2310438248 &:= (23 + 1043 + 8 + 248)^3 \\
&:= (18 + 04 + 2 + 2 + 9 + 35 + 1)^5 & 2363266368 &:= (23 + 632 + 663 + 6 + 8)^3 \\
1818425449 &:= (1 + 81 + 8 + 42544 + 9)^2 & 2380464100 &:= (2380 + 46410 + 0)^2 \\
1836036801 &:= (1 + 83 + 6 + 036 + 80 + 1)^4 & 2384857225 &:= (238 + 48572 + 25)^2 \\
&:= (183 + 6 + 03 + 6 + 8 + 01)^4 & 2411494821 &:= (24 + 1 + 1 + 494 + 821)^3 \\
& & 2449458064 &:= (24 + 49458 + 06 + 4)^2 \\
1871773696 &:= (1 + 8 + 7 + 17 + 73 + 6 + 96)^4 & 2456490969 &:= (2 + 456 + 49096 + 9)^2 \\
&:= (1 + 8 + 71 + 77 + 36 + 9 + 6)^4 & 2472973441 &:= (2 + 4 + 72 + 97 + 3 + 4 + 41)^4 \\
&:= (1 + 87 + 1 + 7 + 7 + 3 + 6 + 96)^4 & &:= (2 + 4 + 72 + 97 + 3 + 44 + 1)^4 \\
&:= (18 + 7 + 1 + 7 + 73 + 6 + 96)^4 & &:= (2 + 47 + 2 + 97 + 34 + 41)^4 \\
&:= (18 + 7 + 1 + 77 + 3 + 6 + 96)^4 & &:= (24 + 72 + 9 + 73 + 4 + 41)^4 \\
&:= (18 + 71 + 7 + 7 + 3 + 6 + 96)^4 & &:= (24 + 72 + 9 + 73 + 44 + 1)^4 \\
1874516337 &:= (1 + 874 + 5 + 16 + 337)^3 & 2490608836 &:= (2 + 49060 + 8 + 836)^2 \\
1934917632 &:= (1 + 9 + 3 + 4 + 9 + 1 + 7 + 6 + 32)^5 & 2505002500 &:= (25 + 050025 + 00)^2 \\
&:= (1 + 9 + 34 + 9 + 1 + 7 + 6 + 3 + 2)^5 & 2554497863 &:= (25 + 544 + 9 + 786 + 3)^3 \\
1982119441 &:= (1 + 98 + 2 + 11 + 94 + 4 + 1)^4 & 2560108032 &:= (2 + 560 + 1 + 0803 + 2)^3 \\
&:= (19 + 82 + 11 + 94 + 4 + 1)^4 & &:= (256 + 01080 + 32)^3 \\
2073071593 &:= (2 + 07 + 30 + 7 + 15 + 9 + 3)^5 & 2562890625 &:= (2 + 5 + 62 + 89 + 062 + 5)^4 \\
2084561649 &:= (20 + 8 + 45616 + 4 + 9)^2 & &:= (2 + 56 + 2 + 8 + 90 + 62 + 5)^4 \\
2097273616 &:= (20 + 97 + 2 + 73 + 6 + 16)^4 & 2608757776 &:= (2 + 60 + 87 + 57 + 7 + 7 + 6)^4 \\
&:= (20 + 97 + 27 + 3 + 61 + 6)^4 & 2647514116 &:= (26 + 4 + 7 + 51411 + 6)^2 \\
2131746903 &:= (21 + 317 + 46 + 903)^3 & 2656741625 &:= (2 + 6 + 5 + 6 + 741 + 625)^3 \\
2141745841 &:= (21 + 417 + 45841)^2 & 2668267603 &:= (26 + 682 + 676 + 03)^3 \\
2171747375 &:= (2 + 171 + 747 + 375)^3 & 2750058481 &:= (2 + 7 + 50 + 05 + 84 + 81)^4 \\
& & 2773505125 &:= (2 + 773 + 505 + 125)^3 \\
& & 2800526400 &:= (280 + 052640 + 0)^2
\end{aligned}$$

$$\begin{aligned}
2805291225 &:= (28 + 052912 + 25)^2 & 3581577000 &:= (3 + 5 + 815 + 7 + 700 + 0)^3 \\
2815166528 &:= (2 + 815 + 1 + 66 + 528)^3 & 3707398432 &:= (3 + 7 + 07 + 3 + 9 + 8 + 43 + 2)^5 \\
2853162225 &:= (28 + 53162 + 225)^2 & 3722098081 &:= (3 + 72 + 2 + 09 + 80 + 81)^4 \\
2897022976 &:= (2 + 8 + 97 + 022 + 97 + 6)^4 & 3862125316 &:= (3 + 8 + 62125 + 3 + 1 + 6)^2 \\
&:= (28 + 9 + 70 + 22 + 97 + 6)^4 & 3899547224 &:= (389 + 954 + 7 + 224)^3 \\
&:= (28 + 97 + 02 + 2 + 97 + 6)^4 & 4034866688 &:= (4 + 034 + 866 + 688)^3 \\
&:= (28 + 97 + 02 + 29 + 76)^4 & 4097152081 &:= (4 + 09 + 7 + 152 + 081)^4 \\
&:= (28 + 97 + 022 + 9 + 76)^4 & &:= (40 + 9 + 71 + 52 + 081)^4 \\
2930345991 &:= (2 + 93 + 0345 + 991)^3 & &:= (40 + 97 + 15 + 20 + 81)^4 \\
2998219536 &:= (2 + 9 + 9 + 8 + 2 + 195 + 3 + 6)^4 & 4111379208 &:= (4 + 11 + 1379 + 208)^3 \\
&:= (2 + 9 + 9 + 82 + 1 + 95 + 36)^4 & 4139764281 &:= (41 + 3 + 9 + 7 + 64281)^2 \\
&:= (2 + 9 + 98 + 21 + 95 + 3 + 6)^4 & 4181062131 &:= (418 + 1062 + 131)^3 \\
&:= (2 + 99 + 8 + 21 + 95 + 3 + 6)^4 & 4256518564 &:= (42 + 5 + 65185 + 6 + 4)^2 \\
&:= (2 + 99 + 82 + 1 + 9 + 5 + 36)^4 & 4294967296 &:= (4 + 29 + 49 + 6 + 72 + 96)^4 \\
&:= (29 + 98 + 2 + 1 + 95 + 3 + 6)^4 & &:= (42 + 9 + 4 + 96 + 7 + 2 + 96)^4 \\
3208542736 &:= (3 + 208 + 5 + 4 + 2 + 7 + 3 + 6)^4 & &:= (42 + 94 + 9 + 6 + 7 + 2 + 96)^4 \\
&:= (32 + 085 + 42 + 73 + 6)^4 & &:= (42 + 94 + 96 + 7 + 2 + 9 + 6)^4 \\
3268147904 &:= (3 + 2 + 681 + 4 + 790 + 4)^3 & 4314825152 &:= (43 + 1482 + 51 + 52)^3 \\
3276800000 &:= (3 + 2 + 7 + 68 + 0000 + 0)^5 & 4499860561 &:= (4 + 4 + 99 + 86 + 05 + 61)^4 \\
3293956449 &:= (3 + 2 + 939 + 56449)^2 & 4506705424 &:= (4 + 50 + 67054 + 24)^2 \\
3311657209 &:= (331 + 1 + 6 + 57209)^2 & 4615754625 &:= (461 + 575 + 4 + 625)^3 \\
3486784401 &:= (3 + 4 + 8 + 6 + 7 + 8 + 4 + 40 + 1)^5 & 4682391184 &:= (4 + 68239 + 1 + 184)^2 \\
&:= (3 + 4 + 8 + 6 + 7 + 8 + 44 + 01)^5 & 4711998736 &:= (4 + 7 + 1 + 199 + 8 + 7 + 36)^4 \\
&:= (3 + 48 + 6 + 7 + 8 + 4 + 4 + 01)^5 & &:= (4 + 7 + 119 + 9 + 87 + 36)^4 \\
&:= (3 + 48 + 67 + 84 + 40 + 1)^4 & &:= (4 + 71 + 1 + 9 + 98 + 73 + 6)^4 \\
&:= (34 + 86 + 78 + 4 + 40 + 1)^4 & &:= (4 + 71 + 1 + 99 + 8 + 73 + 6)^4 \\
&:= (34 + 86 + 78 + 44 + 01)^4 & &:= (47 + 119 + 9 + 8 + 73 + 6)^4 \\
3514592656 &:= (3 + 5 + 1 + 4 + 59265 + 6)^2 & 4767078987 &:= (4 + 7 + 670 + 7 + 8 + 987)^3 \\
3518743761 &:= (3 + 5 + 1 + 8 + 743 + 761)^3 & &:= (4 + 767 + 07 + 898 + 7)^3 \\
3544535296 &:= (35 + 4 + 4 + 53 + 52 + 96)^4 & 4769007364 &:= (4 + 7 + 69007 + 36 + 4)^2 \\
3574558889 &:= (3 + 5 + 74 + 558 + 889)^3 & 4775581504 &:= (47 + 75 + 58 + 1504)^3 \\
&:= (3 + 574 + 5 + 58 + 889)^3 & 4782690649 &:= (4 + 78 + 2 + 69064 + 9)^2 \\
&:= (3 + 574 + 55 + 8 + 889)^3 & 4853769561 &:= (48 + 53 + 7 + 69561)^2 \\
&:= (3 + 574 + 55 + 888 + 9)^3 & &
\end{aligned}$$

$$4921675101 := (4 + 9 + 2 + 1675 + 10 + 1)^3$$

$$:= (4 + 921 + 675 + 101)^3$$

$$4930360408 := (4 + 930 + 360 + 408)^3$$

$$4931550625 := (4 + 93 + 155 + 06 + 2 + 5)^4$$

$$5158686976 := (5 + 1 + 5 + 86 + 86 + 9 + 76)^4$$

$$:= (5 + 158 + 6 + 8 + 6 + 9 + 76)^4$$

$$:= (51 + 58 + 6 + 8 + 69 + 76)^4$$

$$:= (51 + 58 + 68 + 6 + 9 + 76)^4$$

$$5272502544 := (52 + 72502 + 54 + 4)^2$$

$$5322708936 := (532 + 270 + 8 + 936)^3$$

$$5393580481 := (5 + 3 + 93 + 5 + 80 + 4 + 81)^4$$

$$5498372125 := (54 + 983 + 721 + 2 + 5)^3$$

$$5564051648 := (55 + 64 + 05 + 1648)^3$$

$$5572174609 := (5 + 5 + 7 + 21 + 74609)^2$$

$$5584059449 := (5 + 5 + 8 + 4 + 05 + 9 + 4 + 49)^5$$

$$:= (5 + 5 + 8 + 4 + 05 + 9 + 44 + 9)^5$$

$$:= (5 + 5 + 8 + 40 + 5 + 9 + 4 + 4 + 9)^5$$

$$5674759561 := (5 + 6 + 74759 + 561)^2$$

$$5887339441 := (58 + 8 + 73 + 3 + 94 + 41)^4$$

$$:= (58 + 87 + 33 + 94 + 4 + 1)^4$$

$$5906076201 := (590 + 60 + 76201)^2$$

$$5947648641 := (594 + 76486 + 41)^2$$

$$5998805513 := (5 + 998 + 805 + 5 + 1 + 3)^3$$

$$6039776656 := (6 + 039 + 77665 + 6)^2$$

$$6049417284 := (60494 + 17284)^2$$

$$6067786816 := (6 + 06 + 77868 + 16)^2$$

$$6178857875 := (61 + 7 + 885 + 7 + 875)^3$$

$$6199083253 := (6 + 1 + 990 + 832 + 5 + 3)^3$$

$$6240321451 := (6 + 2 + 4 + 03 + 21 + 4 + 51)^5$$

$$:= (6 + 2 + 4 + 032 + 1 + 45 + 1)^5$$

$$:= (6 + 2 + 40 + 32 + 1 + 4 + 5 + 1)^5$$

$$:= (6 + 24 + 03 + 2 + 1 + 4 + 51)^5$$

$$:= (62 + 4 + 03 + 2 + 14 + 5 + 1)^5$$

$$6322794256 := (63 + 22 + 79425 + 6)^2$$

$$6414247921 := (6 + 4 + 14 + 247 + 9 + 2 + 1)^4$$

$$6414247921 := (64 + 142 + 47 + 9 + 21)^4$$

$$6580129924 := (65 + 80129 + 924)^2$$

$$6690585616 := (66 + 90 + 58 + 5 + 61 + 6)^4$$

$$6690585616 := (66 + 90 + 58 + 56 + 16)^4$$

$$6731382025 := (6 + 7 + 3 + 1 + 3 + 82025)^2$$

$$6826064400 := (6 + 82606 + 4 + 4 + 00)^2$$

$$6832014336 := (68320 + 14336)^2$$

$$6956932429 := (6 + 956 + 932 + 4 + 2 + 9)^3$$

$$7055792632 := (705 + 579 + 2 + 632)^3$$

$$7261084944 := (7 + 261 + 084944)^2$$

$$7269949696 := (72 + 6 + 9 + 9 + 4 + 96 + 96)^4$$

$$:= (72 + 6 + 9 + 94 + 9 + 6 + 96)^4$$

$$:= (72 + 6 + 9 + 94 + 96 + 9 + 6)^4$$

$$:= (72 + 6 + 99 + 4 + 9 + 6 + 96)^4$$

$$:= (72 + 6 + 99 + 4 + 96 + 9 + 6)^4$$

$$7385855481 := (7 + 385 + 85548 + 1)^2$$

$$:= (73 + 85855 + 4 + 8 + 1)^2$$

$$7668680041 := (766 + 86800 + 4 + 1)^2$$

$$7879757824 := (7 + 87975 + 782 + 4)^2$$

$$7886150416 := (7 + 8 + 86 + 150 + 41 + 6)^4$$

$$:= (7 + 88 + 6 + 150 + 41 + 6)^4$$

$$7887571344 := (7 + 88757 + 1 + 3 + 44)^2$$

$$7887748969 := (7 + 88774 + 8 + 9 + 6 + 9)^2$$

$$7964053973 := (7 + 964 + 053 + 973)^3$$

$$7976023992 := (7 + 976 + 023 + 992)^3$$

$$7988005999 := (7 + 988 + 005 + 999)^3$$

$$8033895424 := (80 + 3 + 3 + 89542 + 4)^2$$

$$8208541201 := (8 + 2 + 085 + 4 + 1 + 201)^4$$

$$:= (82 + 08 + 5 + 4 + 1 + 201)^4$$

$$\begin{aligned}
8248090761 &:= (8 + 2 + 48 + 090761)^2 & 9849371536 &:= (98493 + 715 + 36)^2 \\
8303765625 &:= (8 + 3 + 03 + 7 + 6 + 5 + 6 + 2 + 5)^6 & 9869031649 &:= (98690 + 3 + 1 + 649)^2 \\
8419163536 &:= (84 + 1 + 91635 + 36)^2 & 9911994481 &:= (99 + 11 + 99448 + 1)^2 \\
8723933604 &:= (8 + 7 + 23 + 93360 + 4)^2 & 9926136900 &:= (99261 + 369 + 00)^2 \\
8756093476 &:= (87 + 5 + 6 + 093476)^2 & 9926336161 &:= (99263 + 361 + 6 + 1)^2 \\
8862527881 &:= (8 + 86252 + 7881)^2 & 9940688209 &:= (99406 + 88 + 209)^2 \\
8945565561 &:= (8 + 94556 + 5 + 5 + 6 + 1)^2 & 9953055225 &:= (99530 + 5 + 5 + 225)^2 \\
9039207968 &:= (9 + 039 + 20 + 7 + 9 + 6 + 8)^5 & 9980010000 &:= (99800 + 100 + 00)^2 \\
9048004641 &:= (90480 + 04641)^2 & 9980209801 &:= (99802 + 098 + 01)^2 \\
9235210000 &:= (92 + 3 + 5 + 210 + 000)^4 & 9981808281 &:= (99818 + 08 + 2 + 81)^2 \\
9435596769 &:= (9 + 4 + 355 + 96769)^2 & &:= (99818 + 082 + 8 + 1)^2 \\
9509900499 &:= (9 + 50 + 9 + 9 + 004 + 9 + 9)^5 & 9983606724 &:= (99836 + 06 + 72 + 4)^2 \\
9597924961 &:= (9 + 5 + 97 + 92 + 49 + 61)^4 & 9989003025 &:= (99890 + 030 + 25)^2 \\
&:= (95 + 9 + 7 + 92 + 49 + 61)^4 & 9991002025 &:= (99910 + 020 + 25)^2 \\
&:= (95 + 97 + 9 + 2 + 49 + 61)^4 & 9992801296 &:= (99928 + 01 + 29 + 6)^2 \\
9718142104 &:= (9 + 7 + 1 + 8 + 1 + 4 + 2104)^3 & 9998000100 &:= (99980 + 0010 + 0)^2 \\
9811893025 &:= (98118 + 930 + 2 + 5)^2 & 9998200081 &:= (99982 + 0008 + 1)^2 \\
9845799076 &:= (9 + 84 + 57 + 99076)^2 & 9999800001 &:= (99998 + 00001)^2 \\
&:= (98 + 45 + 7 + 99076)^2 & &
\end{aligned}$$

## 8 All Semi-Selfie Numbers: Positive and Negative Signs

This section deals with all types of **semi-selfie numbers** up to 10 digits with positive and negative signs. This we have divided in subsections.

### 8.1 Up To 8-Digits Semi-Selfie Numbers

This subsection brings **semi-selfie numbers** with positive and negative signs up to 8-digits. In case of repeated values, we have taken only few.

$$\begin{aligned}
64 &:= (6 - 4)^6 & 1024 &:= (10 - 2 - 4)^5 \\
121 &:= (12 - 1)^2 & 1296 &:= (1 + 2 + 9 - 6)^4 \\
196 &:= (-1 + 9 + 6)^2 & 1331 &:= (13 - 3 + 1)^3 \\
243 &:= (2 + 4 - 3)^5 & 1728 &:= (-1 + 7 - 2 + 8)^3 \\
512 &:= (5 - 1 - 2)^9 & 1936 &:= (-1 + 9 + 36)^2 \\
& & 2048 &:= (-2 - 04 + 8)^{11} \\
& & 2197 &:= (-2 - 1 + 9 + 7)^3
\end{aligned}$$

$$3125 := (3 - 1 - 2 + 5)^5$$

$$3364 := (-3 - 3 + 64)^2$$

$$3969 := (3 - 9 + 69)^2$$

$$5776 := (5 + 77 - 6)^2$$

$$6084 := (-6 + 084)^2$$

$$7396 := (-7 - 3 + 96)^2$$

$$8192 := (8 + 1 - 9 + 2)^{13}$$

$$10201 := (102 - 01)^2$$

$$11881 := (118 - 8 - 1)^2$$

$$12167 := (1 + 21 - 6 + 7)^3$$

$$12996 := (129 - 9 - 6)^2$$

$$14641 := (14 - 6 + 4 - 1)^4$$

$$15129 := (-1 - 5 + 129)^2$$

$$15625 := (1 + 5 + 6 - 2 - 5)^6$$

$$:= (1 + 5 - 6 + 25)^3$$

$$16384 := (1 - 6 + 3 + 8 - 4)^{14}$$

$$:= (1 - 6 - 3 + 8 + 4)^7$$

$$17161 := (-1 + 71 + 61)^2$$

$$17956 := (-1 + 79 + 56)^2$$

$$19683 := (1 - 9 + 6 + 8 - 3)^9$$

$$20736 := (2 + 07 - 3 + 6)^4$$

$$32768 := (3 + 27 - 6 + 8)^3$$

$$:= (3 - 2 - 7 + 6 + 8)^5$$

$$:= (-3 - 2 - 7 + 6 + 8)^{15}$$

$$38416 := (3 + 8 - 4 + 1 + 6)^4$$

$$39204 := (3 - 9 + 204)^2$$

$$46225 := (-4 - 6 + 225)^2$$

$$46656 := (-4 + 66 - 56)^6$$

$$54872 := (-5 + 48 - 7 + 2)^3$$

$$59049 := (5 + 9 + 04 - 9)^5$$

$$78125 := (7 - 8 - 1 + 2 + 5)^7$$

$$82369 := (-82 + 369)^2$$

$$83521 := (8 + 3 + 5 + 2 - 1)^4$$

$$97336 := (9 + 73 - 36)^3$$

$$103823 := (10 + 38 + 2 - 3)^3$$

$$104329 := (-10 + 4 + 329)^2$$

$$104976 := (10 + 4 - 9 + 7 + 6)^4$$

$$110592 := (1 - 10 + 59 - 2)^3$$

$$117649 := (11 + 7 - 6 + 4 - 9)^6$$

$$:= (1 + 17 - 6 + 4 - 9)^6$$

$$118336 := (1 - 1 + 8 + 336)^2$$

$$131072 := (1 - 3 - 1 + 07 - 2)^{17}$$

$$:= (-13 + 10 + 7 - 2)^{17}$$

$$132496 := (-132 + 496)^2$$

$$132651 := (1 + 3 + 2 - 6 + 51)^3$$

$$:= (-13 - 2 + 65 + 1)^3$$

$$138384 := (1 + 383 - 8 - 4)^2$$

$$:= (-1 - 3 - 8 + 384)^2$$

$$148877 := (-1 + 48 - 8 + 7 + 7)^3$$

$$157464 := (-1 + 57 - 4 + 6 - 4)^3$$

$$161051 := (16 + 1 - 05 - 1)^5$$

$$:= (1 + 6 + 10 - 5 - 1)^5$$

$$:= (1 + 61 - 051)^5$$

$$175616 := (1 - 7 - 5 + 61 + 6)^3$$

$$177147 := (1 + 7 + 7 - 1 - 4 - 7)^{11}$$

$$:= (17 + 7 - 14 - 7)^{11}$$

$$185193 := (18 + 51 - 9 - 3)^3$$

$$194481 := (1 - 9 + 448 + 1)^2$$

$$195112 := (1 + 9 + 51 - 1 - 2)^3$$

$$:= (19 + 51 - 12)^3$$

$$213444 := (21 - 3 + 444)^2$$

$$\begin{aligned}
234256 &:= (23 - 4 + 2 - 5 + 6)^4 \\
&:= (2 - 3 + 4 + 25 - 6)^4 \\
&:= (2 - 34 - 2 + 56)^4 \\
&:= (-234 + 256)^4
\end{aligned}$$

$$245025 := (2 - 4 + 502 - 5)^2$$

$$\begin{aligned}
262144 &:= (2 - 6 - 2 + 14 - 4)^9 \\
&:= (2 - 6 + 2 + 14 - 4)^6
\end{aligned}$$

$$273529 := (-2 - 7 + 3 + 529)^2$$

$$\begin{aligned}
279841 &:= (2 + 7 + 9 + 8 - 4 + 1)^4 \\
&:= (27 + 9 - 8 - 4 - 1)^4
\end{aligned}$$

$$\begin{aligned}
279936 &:= (2 + 7 + 9 - 9 + 3 - 6)^7 \\
&:= (27 - 9 - 9 + 3 - 6)^7 \\
&:= (-2 - 79 + 93 - 6)^7
\end{aligned}$$

$$287496 := (-2 + 87 - 4 - 9 - 6)^3$$

$$300763 := (-3 + 00 + 7 + 63)^3$$

$$314432 := (31 - 4 + 43 - 2)^3$$

$$326041 := (-32 + 604 - 1)^2$$

$$\begin{aligned}
331776 &:= (33 - 1 - 7 - 7 + 6)^4 \\
&:= (3 + 3 + 17 + 7 - 6)^4
\end{aligned}$$

$$357911 := (-3 - 5 + 79 + 1 - 1)^3$$

$$363609 := (3 - 6 - 3 + 609)^2$$

$$\begin{aligned}
371293 &:= (3 + 7 - 1 - 2 + 9 - 3)^5 \\
&:= (37 - 12 - 9 - 3)^5
\end{aligned}$$

$$373248 := (-3 + 73 - 2 - 4 + 8)^3$$

$$389017 := (-3 - 8 + 90 + 1 - 7)^3$$

$$\begin{aligned}
390625 &:= (-3 + 9 + 06 - 2 - 5)^8 \\
&:= (3 - 9 + 06 + 25)^4
\end{aligned}$$

$$421875 := (4 - 21 + 87 + 5)^3$$

$$\begin{aligned}
438976 &:= (-4 - 3 - 8 + 97 - 6)^3 \\
&:= (4 - 3 + 8 - 9 + 76)^3
\end{aligned}$$

$$\begin{aligned}
456533 &:= (45 - 6 + 5 + 33)^3 \\
&:= (45 + 65 - 33)^3 \\
&:= (-456 + 533)^3
\end{aligned}$$

$$469225 := (-4 + 692 + 2 - 5)^2$$

$$470596 := (-4 + 705 - 9 - 6)^2$$

$$\begin{aligned}
474552 &:= (-4 + 74 + 5 + 5 - 2)^3 \\
&:= (-474 + 552)^3
\end{aligned}$$

$$\begin{aligned}
531441 &:= (5 + 31 - 4 - 4 - 1)^4 \\
&:= (53 + 1 - 44 - 1)^6 \\
&:= (53 + 1 - 4 - 41)^6 \\
&:= (-5 - 31 + 44 + 1)^6
\end{aligned}$$

$$537824 := (53 - 7 - 8 - 24)^5$$

$$551368 := (55 - 1 + 36 - 8)^3$$

$$571787 := (-5 + 7 + 1 - 7 + 87)^3$$

$$592704 := (-5 + 92 - 7 + 04)^3$$

$$608400 := (-60 + 840 + 0)^2$$

$$614656 := (-6 - 1 + 46 - 5 - 6)^4$$

$$636056 := (-6 + 36 + 056)^3$$

$$644809 := (-6 + 4 - 4 + 809)^2$$

$$648025 := (-6 + 4 + 802 + 5)^2$$

$$658503 := (-6 + 5 + 85 + 03)^3$$

$$678976 := (-67 + 897 - 6)^2$$

$$680625 := (-6 + 806 + 25)^2$$

$$681472 := (6 + 81 - 4 + 7 - 2)^3$$

$$:= (-6 + 8 + 14 + 72)^3$$

$$707281 := (7 - 07 + 28 + 1)^4$$

$$763876 := (7 - 6 - 3 + 876)^2$$

$$790321 := (7 + 903 - 21)^2$$

$$804357 := (80 + 4 - 3 + 5 + 7)^3$$

$$808201 := (80 + 820 - 1)^2$$

$$823543 := (8 + 2 + 3 - 5 - 4 + 3)^7$$

$$:= (-8 - 23 - 5 + 43)^7$$

$$829921 := (-82 + 992 + 1)^2$$

$$830584 := (8 - 3 + 05 + 84)^3$$

$$839056 := (8 - 3 + 905 + 6)^2$$

$$853776 := (853 + 77 - 6)^2$$

$$877969 := (877 - 9 + 69)^2$$

$$884736 := (88 + 4 + 7 + 3 - 6)^3$$

$$:= (8 + 84 + 7 + 3 - 6)^3$$

$$894916 := (-8 + 949 - 1 + 6)^2$$

$$912673 := (91 + 2 - 6 + 7 + 3)^3$$

$$919681 := (-9 + 1 + 968 - 1)^2$$

$$923521 := (-9 + 2 + 35 + 2 + 1)^4$$

$$941192 := (94 + 11 - 9 + 2)^3$$

$$:= (-9 + 4 + 11 + 92)^3$$

$$970299 := (97 + 02 + 9 - 9)^3$$

$$:= (9 - 7 - 02 + 99)^3$$

$$:= (9 + 70 + 29 - 9)^3$$

$$972196 := (972 - 1 + 9 + 6)^2$$

$$978121 := (978 + 12 - 1)^2$$

$$1002001 := (1002 + 00 - 1)^2$$

$$1018081 := (1018 - 08 - 1)^2$$

$$1020100 := (1020 - 10 + 0)^2$$

$$1022121 := (1022 - 12 + 1)^2$$

$$1028196 := (1028 + 1 - 9 - 6)^2$$

$$1030301 := (103 - 03 + 01)^3$$

$$1048576 := (104 - 85 + 7 + 6)^4$$

$$:= (-1 - 048 + 5 + 76)^4$$

$$:= (-10 + 48 - 5 - 7 + 6)^4$$

$$:= (1 - 048 + 57 + 6)^5$$

$$:= (-1 - 04 + 85 - 76)^{10}$$

$$:= (10 + 4 + 8 - 5 - 7 - 6)^{10}$$

$$1061208 := (106 - 12 + 08)^3$$

$$1089936 := (1089 - 9 - 36)^2$$

$$1092727 := (-1 + 092 + 7 - 2 + 7)^3$$

$$1119364 := (1119 + 3 - 64)^2$$

$$1124864 := (-1 - 1 + 24 + 86 - 4)^3$$

$$1157625 := (115 - 7 - 6 - 2 + 5)^3$$

$$1162084 := (1162 - 084)^2$$

$$1179396 := (1179 + 3 - 96)^2$$

$$1185921 := (1 - 1 + 8 - 5 + 9 + 21)^4$$

$$1191016 := (1 + 1 + 9 + 101 - 6)^3$$

$$:= (-120 + 1216)^2$$

$$1229881 := (122 + 988 - 1)^2$$

$$:= (-1 + 229 + 881)^2$$

$$1259712 := (125 - 9 - 7 + 1 - 2)^3$$

$$1261129 := (-12 + 6 + 1129)^2$$

$$1331000 := (13 - 3 + 100 + 0)^3$$

$$1336336 := (1 + 33 + 6 + 3 - 3 - 6)^4$$

$$:= (1 + 3 + 36 + 3 - 3 - 6)^4$$

$$:= (1 + 3 - 3 + 6 + 33 - 6)^4$$

$$:= (1 + 3 + 3 - 6 - 3 + 36)^4$$

$$:= (1 - 33 + 63 - 3 + 6)^4$$

$$:= (1 + 3 + 3 + 63 - 36)^4$$

$$:= (133 - 63 - 36)^4$$

$$1367631 := (1 + 36 + 76 - 3 + 1)^3$$

$$:= (1 - 3 + 6 + 76 + 31)^3$$

$$1419857 := (1 + 4 + 1 - 9 + 8 + 5 + 7)^5$$

$$1442897 := (14 - 4 - 2 + 8 + 97)^3$$

$$1495729 := (-1 + 495 + 729)^2$$

$$1500625 := (-1 + 5 + 00 + 6 + 25)^4$$

$$1594323 := (1 + 5 - 9 + 4 - 3 + 2 + 3)^{13}$$

$$:= (1 - 5 - 9 - 4 - 3 + 23)^{13}$$

$$1656369 := (1656 - 369)^2$$



$$1679616 := (16 + 7 - 9 + 6 + 16)^4$$

$$:= (1 + 6 + 7 - 9 - 6 + 1 + 6)^8$$

$$2476099 := (2 + 4 + 7 + 6 + 09 - 9)^5$$

$$:= (24 + 7 + 6 - 09 - 9)^5$$

$$1771561 := (17 - 7 + 1 - 5 + 6 - 1)^6$$

$$:= (1 + 7 - 7 + 15 - 6 + 1)^6$$

$$:= (1 + 77 - 1 - 5 - 61)^6$$

$$:= (1 - 7 + 71 - 5 + 61)^3$$

$$:= (177 + 1 - 56 - 1)^3$$

$$:= (-1 + 771 + 561)^2$$

$$2515456 := (-2 - 5 + 154 - 5 - 6)^3$$

$$2825761 := (2 - 8 - 2 - 5 - 7 + 61)^4$$

$$:= (28 + 25 - 7 - 6 + 1)^4$$

$$2863288 := (28 - 6 + 32 + 88)^3$$

$$1779556 := (-1 + 779 + 556)^2$$

$$2985984 := (2 - 9 + 8 + 59 + 84)^3$$

$$1860496 := (1860 - 496)^2$$

$$:= (2 + 98 + 5 - 9 - 84)^6$$

$$1874161 := (-18 + 7 + 41 + 6 + 1)^4$$

$$:= (29 + 85 - 98 - 4)^6$$

$$:= (29 + 8 + 59 - 84)^6$$

$$1889568 := (-18 + 8 + 9 + 5 + 6 + 8)^5$$

$$:= (1 - 8 + 89 - 56 - 8)^5$$

$$3017169 := (30 + 1716 - 9)^2$$

$$1953125 := (19 - 5 - 3 + 1 - 2 - 5)^9$$

$$:= (1 + 9 + 5 - 3 - 12 + 5)^9$$

$$:= (-19 - 5 + 3 + 1 + 25)^9$$

$$:= (1 - 9 + 5 + 3 + 125)^3$$

$$3111696 := (31 + 1 + 1 + 6 + 9 - 6)^4$$

$$:= (-31 - 1 - 1 + 69 + 6)^4$$

$$3112136 := (-3 + 112 + 1 + 36)^3$$

$$:= (-3 + 11 + 2 + 136)^3$$

$$:= (-3 + 1 + 12 + 136)^3$$

$$2085136 := (-2 - 08 + 51 + 3 - 6)^4$$

$$:= (-2 + 08 - 5 + 1 + 36)^4$$

$$3418801 := (3 + 41 + 8 - 8 - 01)^4$$

$$:= (34 + 18 - 8 - 01)^4$$

$$:= (-3 - 41 + 88 - 01)^4$$

$$2097152 := (-20 + 97 - 1 + 52)^3$$

$$:= (-20 + 9 + 71 - 52)^7$$

$$:= (20 - 9 - 7 + 1 + 5 - 2)^7$$

$$:= (-2 - 09 + 71 - 52)^7$$

$$:= (2 - 09 + 7 + 1 + 5 + 2)^7$$

$$:= (2 + 09 - 7 + 1 - 5 + 2)^{21}$$

$$:= (20 - 9 - 7 + 1 - 5 + 2)^{21}$$

$$3511808 := (-35 - 1 + 180 + 8)^3$$

$$3652264 := (-3 - 65 + 226 - 4)^3$$

$$3723875 := (3 + 72 - 3 + 8 + 75)^3$$

$$:= (3 - 723 + 875)^3$$

$$2299968 := (22 + 99 + 9 - 6 + 8)^3$$

$$:= (22 + 9 + 99 - 6 + 8)^3$$

$$:= (2 + 29 + 99 - 6 + 8)^3$$

$$:= (229 - 99 - 6 + 8)^3$$

$$:= (229 - 9 - 96 + 8)^3$$

$$3748096 := (37 - 4 + 8 + 09 - 6)^4$$

$$:= (-37 + 4 + 80 - 9 + 6)^4$$

$$:= (3 - 7 - 48 + 096)^4$$

$$2313441 := (2 + 31 - 3 + 4 + 4 + 1)^4$$

$$:= (2 - 3 + 1 + 34 + 4 + 1)^4$$

$$3751969 := (-37 + 5 + 1969)^2$$

$$3796416 := (-3 + 79 + 64 + 16)^3$$

$$4084101 := (4 - 084 + 101)^5$$

$$4194304 := (-4 + 19 - 4 - 3 - 04)^{11}$$

$$:= (41 - 9 - 4 - 30 + 4)^{22}$$

$$6751269 := (67 + 5 + 126 - 9)^3$$

$$:= (-6 - 75 + 1 + 269)^3$$

$$4477456 := (4 + 4 - 7 - 7 - 4 + 56)^4$$

$$:= (4 + 4 + 77 - 45 + 6)^4$$

$$6765201 := (-6 - 7 + 65 - 2 + 01)^4$$

$$7268416 := (7 + 2684 - 1 + 6)^2$$

$$4741632 := (4 + 7 - 4 + 163 - 2)^3$$

$$7311616 := (-7 + 3 - 11 + 61 + 6)^4$$

$$:= (73 - 11 + 6 - 16)^4$$

$$4782969 := (4 + 7 + 8 + 2 - 9 + 6 - 9)^7$$

$$:= (-4 + 7 - 8 + 29 - 6 - 9)^7$$

$$:= (4 - 7 - 8 + 2 + 9 - 6 + 9)^{14}$$

$$:= (4 - 7 - 8 + 29 - 6 - 9)^{14}$$

$$:= (-47 - 8 - 2 - 9 + 69)^{14}$$

$$:= (-4 - 78 - 2 + 96 - 9)^{14}$$

$$7529536 := (7 + 5 - 29 - 5 + 36)^6$$

$$:= (75 - 2 - 95 + 36)^6$$

$$:= (7 - 52 + 95 - 36)^6$$

$$:= (7 - 529 + 536)^6$$

$$4826809 := (-4 - 8 + 2 + 6 + 8 + 09)^6$$

$$:= (-4 + 8 + 26 - 8 - 09)^6$$

$$:= (-48 + 2 + 68 - 09)^6$$

$$:= (4 + 82 - 6 + 80 + 9)^3$$

$$:= (-4 + 826 - 809)^6$$

$$7828804 := (-78 + 2880 - 4)^2$$

$$7890481 := (7 + 8 - 9 + 048 - 1)^4$$

$$:= (-7 - 8 - 9 - 04 + 81)^4$$

$$4879681 := (48 - 7 + 9 + 6 - 8 - 1)^4$$

$$:= (4 - 8 - 7 - 9 + 68 - 1)^4$$

$$:= (-4 - 8 - 7 - 9 - 6 + 81)^4$$

$$7962624 := (7 + 9 + 6 + 2 + 6 - 2 - 4)^5$$

$$:= (7 - 9 + 6 + 26 - 2 - 4)^5$$

$$:= (7 - 9 - 6 + 2 + 6 + 24)^5$$

$$:= (7 + 9 + 6 + 26 - 24)^5$$

$$5153632 := (5 + 15 - 3 + 6 - 3 + 2)^5$$

$$:= (-5 + 1 - 5 + 36 - 3 - 2)^5$$

$$:= (5 - 1 - 5 - 3 - 6 + 32)^5$$

$$:= (-51 + 5 + 3 + 63 + 2)^5$$

$$:= (-51 + 5 + 36 + 32)^5$$

$$8242408 := (8 + 242 - 40 - 8)^3$$

$$8388608 := (8 + 38 + 8 - 60 + 8)^{23}$$

$$8503056 := (8 + 50 - 3 + 05 - 6)^4$$

$$:= (85 - 030 + 5 - 6)^4$$

$$8615125 := (86 - 1 - 5 + 125)^3$$

$$5177717 := (-5 + 177 + 7 + 1 - 7)^3$$

$$9129329 := (-91 + 293 - 2 + 9)^3$$

$$:= (-91 - 29 + 329)^3$$

$$:= (9 - 129 + 329)^3$$

$$5308416 := (53 - 08 - 4 + 1 + 6)^4$$

$$5359375 := (5 - 3 + 5 + 93 + 75)^3$$

$$5451776 := (54 + 51 + 77 - 6)^3$$

$$9150625 := (9 - 1 + 50 - 6 - 2 + 5)^4$$

$$:= (91 - 5 - 06 - 25)^4$$

$$5545233 := (-55 + 4 - 5 + 233)^3$$

$$5764801 := (5 + 7 + 6 - 4 - 8 + 01)^8$$

$$5929741 := (-5 + 92 + 97 - 4 + 1)^3$$

$$6436343 := (6 + 4 + 3 + 6 + 3 + 4 - 3)^5$$

$$9765625 := (-9 + 76 - 5 - 62 + 5)^{10}$$

$$:= (9 - 76 + 5 + 62 + 5)^{10}$$

$$:= (-97 + 65 + 62 - 5)^5$$

$$9834496 := (98 - 3 + 4 - 49 + 6)^4$$

$$:= (9 - 8 + 3 - 44 + 96)^4$$

$$10077696 := (1 + 00 + 7 + 7 + 6 - 9 - 6)^9$$

$$10316944 := (-1 + 03169 + 44)^2$$

$$10793861 := (1079 + 3 - 861)^3$$

$$11316496 := (11 - 3 + 1 + 64 - 9 - 6)^4$$

$$:= (11 - 3 + 1 + 6 + 49 - 6)^4$$

$$:= (1 + 1 - 3 + 16 + 49 - 6)^4$$

$$11336689 := (1 + 1 + 3366 + 8 - 9)^2$$

$$11390625 := (1 - 1 + 3 + 9 + 06 + 2 - 5)^6$$

$$:= (-11 + 39 - 06 - 2 - 5)^6$$

$$:= (-11 + 3 + 90 - 62 - 5)^6$$

$$11697083 := (-1 + 169 + 70 - 8 - 3)^3$$

$$11852352 := (-1 - 1 - 8 + 5 + 235 - 2)^3$$

$$11881376 := (11 + 8 + 8 + 1 - 3 + 7 - 6)^5$$

$$:= (1 + 18 + 8 + 1 - 3 + 7 - 6)^5$$

$$:= (1 - 1 + 8 - 8 + 13 + 7 + 6)^5$$

$$:= (1 - 1 - 8 - 8 - 1 + 37 + 6)^5$$

$$12117361 := (-12 + 1 - 1 + 7 + 3 + 61)^4$$

$$:= (1 - 21 + 1 + 73 + 6 - 1)^4$$

$$:= (1 - 2 - 11 + 7 + 3 + 61)^4$$

$$:= (-1 - 21 + 17 + 3 + 61)^4$$

$$:= (-121 + 173 + 6 + 1)^4$$

$$12326391 := (1 - 23 + 263 - 9 - 1)^3$$

$$:= (1 - 2 + 326 - 3 - 91)^3$$

$$:= (-123 + 263 + 91)^3$$

$$12355225 := (-12 + 3552 - 25)^2$$

$$12487168 := (1 + 248 + 7 - 16 - 8)^3$$

$$12487168 := (1 - 24 + 87 + 168)^3$$

$$13144256 := (1 - 3 - 14 - 4 + 256)^3$$

$$13312053 := (1 + 33 + 1 + 205 - 3)^3$$

$$:= (1 - 3 + 31 + 205 + 3)^3$$

$$13366336 := (-1 + 3 + 3663 - 3 - 6)^2$$

$$13373649 := (1 + 3 - 3 + 7 + 3649)^2$$

$$13481272 := (13 - 48 + 1 + 272)^3$$

$$13586596 := (-1 + 3586 + 5 + 96)^2$$

$$13660416 := (1 + 3660 + 41 - 6)^2$$

$$13675204 := (-1 + 3675 + 20 + 4)^2$$

$$13697401 := (1 + 3697 + 4 - 01)^2$$

$$13786369 := (-1 + 3786 - 3 - 69)^2$$

$$13845841 := (1 + 3 + 8 - 4 + 58 - 4 - 1)^4$$

$$:= (-13 + 84 - 5 - 8 + 4 - 1)^4$$

$$:= (13 - 8 + 45 + 8 + 4 - 1)^4$$

$$:= (13 + 8 - 4 - 5 + 8 + 41)^4$$

$$:= (-1 + 38 - 4 - 5 - 8 + 41)^4$$

$$:= (13 + 8 - 45 + 84 + 1)^4$$

$$14172488 := (-1 + 4 - 17 + 248 + 8)^3$$

$$:= (-14 + 172 - 4 + 88)^3$$

$$14348907 := (14 + 3 - 4 - 8 - 9 + 07)^{15}$$

$$:= (-14 + 3 + 4 + 8 + 9 - 07)^{15}$$

$$:= (-1 + 4 + 34 - 8 - 9 + 07)^5$$

$$:= (-1 - 43 - 4 - 8 + 90 - 7)^5$$

$$:= (-1 - 4 - 3 - 48 + 90 - 7)^5$$

$$:= (-14 - 34 - 8 + 90 - 7)^5$$

$$14526784 := (-14 - 5 + 267 - 8 + 4)^3$$

$$:= (-14 - 526 + 784)^3$$

$$14737921 := (1 + 47 + 3792 - 1)^2$$

$$14776336 := (1 - 4 + 77 - 6 - 3 + 3 - 6)^4$$

$$:= (1 + 4 - 7 + 76 - 3 - 3 - 6)^4$$

$$:= (-1 + 4 + 7 + 7 + 6 + 33 + 6)^4$$

$$:= (-1 + 4 + 7 + 7 + 6 + 3 + 36)^4$$

$$:= (1 + 47 - 7 - 6 + 33 - 6)^4$$

$$\begin{aligned}
14886936 &:= (148 + 86 + 9 - 3 + 6)^3 \\
14938225 &:= (-1 + 49 + 3822 - 5)^2 \\
15038884 &:= (-1 - 5 + 03888 - 4)^2 \\
15069223 &:= (150 + 6 + 92 + 2 - 3)^3 \\
15252992 &:= (-1 - 5 + 252 - 9 + 9 + 2)^3 \\
15438249 &:= (15 - 4 - 3 - 8 + 249)^3 \\
15539364 &:= (15 - 5 + 3936 - 4)^2 \\
15625000 &:= (1 + 5 - 6 + 250 + 00)^3 \\
\\
15752961 &:= (1 + 57 + 5 - 2 + 9 - 6 - 1)^4 \\
&:= (1 + 5 + 75 - 2 - 9 - 6 - 1)^4 \\
&:= (1 + 5 + 7 + 52 - 9 + 6 + 1)^4 \\
&:= (15 - 7 + 5 - 2 - 9 + 61)^4 \\
&:= (157 + 5 - 2 - 96 - 1)^4 \\
&:= (-15 - 7 - 5 + 29 + 61)^4 \\
\\
15813251 &:= (1 + 5 - 8 - 1 + 3 + 251)^3 \\
&:= (1 + 5 - 81 + 325 + 1)^3 \\
\\
15944049 &:= (-1 - 59 + 4 + 4049)^2 \\
\\
16194277 &:= (161 + 94 - 2 + 7 - 7)^3 \\
&:= (-16 + 194 - 2 + 77)^3 \\
\\
16540489 &:= (-1 + 6 + 5 + 4048 + 9)^2 \\
16581375 &:= (165 + 81 - 3 + 7 + 5)^3 \\
\\
16777216 &:= (1 + 67 + 7 + 7 - 2 - 16)^4 \\
&:= (1 + 6 + 7 + 77 - 21 - 6)^4 \\
\\
16777216 &:= (16 + 7 + 7 - 7 - 2 + 1 - 6)^6 \\
&:= (1 - 6 + 7 + 7 - 7 - 2 + 16)^6 \\
&:= (1 - 67 + 77 - 2 + 1 + 6)^6 \\
&:= (-1 - 67 + 7 + 72 - 1 + 6)^6 \\
&:= (16 + 77 - 72 + 1 - 6)^6 \\
&:= (-1 + 67 - 77 + 21 + 6)^6 \\
&:= (1 - 6 + 77 - 72 + 16)^6 \\
\\
16777216 &:= (-1 + 6 + 7 + 7 + 7 - 2 - 16)^8 \\
&:= (-16 + 7 + 7 + 7 - 2 - 1 + 6)^8 \\
&:= (16 + 7 + 7 - 7 - 21 + 6)^8 \\
&:= (1 - 67 + 77 + 2 + 1 - 6)^8 \\
&:= (1 - 67 + 7 + 72 + 1 - 6)^8 \\
\\
16777216 &:= (16 + 7 - 7 - 7 + 2 - 1 - 6)^{12} \\
&:= (1 + 6 - 7 - 7 - 7 + 2 + 16)^{12} \\
&:= (1 - 67 + 77 - 2 + 1 - 6)^{12} \\
&:= (1 - 67 - 7 + 72 - 1 + 6)^{12} \\
&:= (16 - 77 + 72 - 1 - 6)^{12} \\
&:= (-16 + 7 - 7 - 7 + 21 + 6)^{12} \\
&:= (-1 + 67 - 77 + 21 - 6)^{12} \\
&:= (-1 - 6 - 77 + 72 + 16)^{12} \\
\\
16777216 &:= (16 + 7 - 7 - 7 - 2 + 1 - 6)^{24} \\
&:= (1 - 6 + 7 + 7 + 7 + 2 - 16)^{24} \\
&:= (1 - 67 + 77 - 2 - 1 - 6)^{24} \\
&:= (-1 - 67 - 7 + 72 - 1 + 6)^{24} \\
\\
17210368 &:= (1 + 7 + 21 - 03 - 6 + 8)^5 \\
&:= (17 + 2 + 10 - 3 - 6 + 8)^5 \\
&:= (-17 + 2 - 1 + 036 + 8)^5 \\
&:= (1 + 72 - 1 - 036 - 8)^5 \\
&:= (1 + 7 + 2 - 10 + 36 - 8)^5 \\
&:= (-1 - 72 + 103 + 6 - 8)^5 \\
\\
17373979 &:= (-1 - 7 + 373 - 97 - 9)^3 \\
17779581 &:= (177 + 7 - 9 + 5 + 81)^3 \\
\\
17850625 &:= (1 + 78 - 5 - 06 + 2 - 5)^4 \\
&:= (1 + 7 + 8 + 50 + 6 - 2 - 5)^4 \\
&:= (-17 + 85 - 06 - 2 + 5)^4 \\
&:= (1 + 78 + 5 + 06 - 25)^4 \\
&:= (-1 - 7 - 8 + 50 + 6 + 25)^4 \\
\\
17984728 &:= (179 + 84 - 7 - 2 + 8)^3 \\
&:= (-1 + 7 + 984 - 728)^3 \\
\\
18191447 &:= (-1 + 8 - 191 + 447)^3 \\
18429849 &:= (-18 + 4298 + 4 + 9)^2 \\
\\
18974736 &:= (1 - 8 + 9 + 74 - 7 + 3 - 6)^4 \\
&:= (1 - 8 + 9 - 7 + 4 + 73 - 6)^4 \\
&:= (18 - 9 + 7 + 47 - 3 + 6)^4 \\
&:= (-1 + 8 + 97 - 47 + 3 + 6)^4
\end{aligned}$$

$$19044496 := (-1 - 90 + 4449 + 6)^2$$

$$19114384 := (-1 - 9 - 1 - 1 + 4384)^2$$

$$19439281 := (1 + 9 + 4392 + 8 - 1)^2$$

$$19487171 := (19 - 4 + 8 - 7 + 1 - 7 + 1)^7$$

$$:= (1 + 9 + 4 + 8 + 7 - 17 - 1)^7$$

$$:= (-1 + 94 - 87 - 1 + 7 - 1)^7$$

$$:= (1 - 9 + 4 + 87 - 1 - 71)^7$$

$$:= (1 + 94 + 87 - 171)^7$$

$$20123648 := (201 + 2 - 3 + 64 + 8)^3$$

$$20151121 := (-2 - 01 - 51 + 121)^4$$

$$20511149 := (20 + 5 + 1 - 1 - 1 - 4 + 9)^5$$

$$:= (2 + 051 - 11 - 4 - 9)^5$$

$$:= (2 + 051 - 1 - 14 - 9)^5$$

$$:= (-20 + 51 + 11 - 4 - 9)^5$$

$$:= (20 - 51 + 11 + 49)^5$$

$$20570824 := (20 - 570 + 824)^3$$

$$20796875 := (207 - 9 - 6 + 8 + 75)^3$$

$$21253933 := (21 + 253 + 9 - 3 - 3)^3$$

$$21381376 := (2 - 1 + 3 - 8 - 1 - 3 + 76)^4$$

$$:= (21 + 38 - 1 - 3 + 7 + 6)^4$$

$$:= (21 - 3 + 8 - 1 + 37 + 6)^4$$

$$:= (-21 + 3 + 8 - 1 + 3 + 76)^4$$

$$:= (2 - 13 + 81 - 3 + 7 - 6)^4$$

$$:= (21 - 3 + 81 - 37 + 6)^4$$

$$:= (2 + 138 + 1 + 3 - 76)^4$$

$$21446161 := (2 + 14 + 4616 - 1)^2$$

$$21594609 := (-21 + 59 + 4609)^2$$

$$21717639 := (217 + 1 + 7 + 63 - 9)^3$$

$$22174681 := (22 - 1 + 7 + 4681)^2$$

$$22425768 := (224 + 2 - 5 - 7 + 68)^3$$

$$22477081 := (-22 + 4770 - 8 + 1)^2$$

$$22665187 := (-2 + 266 + 5 - 1 + 8 + 7)^3$$

$$22667121 := (2 - 2 + 66 + 7 - 1 - 2 - 1)^4$$

$$:= (2 - 2 + 6 + 67 - 1 - 2 - 1)^4$$

$$:= (-2 + 26 + 67 - 1 - 21)^4$$

$$22714756 := (2 + 2 + 7 - 1 + 4756)^2$$

$$23149125 := (-231 + 491 + 25)^3$$

$$23393656 := (233 - 9 + 3 + 65 - 6)^3$$

$$:= (23 - 393 + 656)^3$$

$$23639903 := (2 + 363 + 9 - 90 + 3)^3$$

$$:= (23 - 639 + 903)^3$$

$$24137569 := (2 + 4 - 1 + 3 + 7 + 5 + 6 - 9)^6$$

$$:= (24 - 1 - 3 + 7 + 5 - 6 - 9)^6$$

$$:= (-2 - 41 + 3 - 7 - 5 + 69)^6$$

$$:= (2 + 4 + 1 - 37 + 56 - 9)^6$$

$$:= (-24 - 13 + 7 + 56 - 9)^6$$

$$:= (2 - 4 + 13 + 75 - 69)^6$$

$$:= (24 - 13 + 75 - 69)^6$$

$$24492601 := (24 + 4926 - 01)^2$$

$$24850225 := (-24 - 8 + 5022 - 5)^2$$

$$25150225 := (2 - 5 + 1 + 5022 - 5)^2$$

$$25153757 := (251 - 5 - 3 - 7 + 57)^3$$

$$25411681 := (2 + 54 + 1 + 1 + 6 + 8 - 1)^4$$

$$:= (2 + 5 + 41 + 16 + 8 - 1)^4$$

$$:= (2 - 5 - 4 + 11 + 68 - 1)^4$$

$$:= (-2 + 5 + 4 - 11 - 6 + 81)^4$$

$$:= (-2 + 5 + 4 - 1 - 16 + 81)^4 := (2 - 54 + 116 + 1)$$

$$25934336 := (259 + 3 + 43 - 3 - 6)^3$$

$$:= (-2 + 5 - 9 - 34 + 336)^3$$

$$26245129 := (2 - 6 + 2 - 4 + 5129)^2$$

$$26463592 := (264 + 6 + 35 - 9 + 2)^3$$

$$:= (264 - 63 + 5 + 92)^3$$

$$26873856 := (2 - 6 + 8 + 7 - 3 + 8 + 56)^4$$

$$:= (26 - 8 + 73 - 8 - 5 - 6)^4$$

$$:= (26 + 8 - 7 - 3 - 8 + 56)^4$$

$$:= (-2 + 68 - 73 + 85 - 6)^4$$

$$\begin{aligned} 28372625 &:= (283 - 7 + 26 - 2 + 5)^3 \\ &:= (283 - 7 - 2 + 6 + 25)^3 \\ &:= (-2 - 8 + 372 - 62 + 5)^3 \end{aligned}$$

$$\begin{aligned} 28398241 &:= (2 + 83 - 9 - 8 + 2 + 4 - 1)^4 \\ &:= (2 - 8 + 3 - 9 + 82 + 4 - 1)^4 \\ &:= (28 + 3 - 9 + 8 + 2 + 41)^4 \\ &:= (-2 + 83 + 9 + 8 - 24 - 1)^4 \end{aligned}$$

$$\begin{aligned} 28629151 &:= (2 + 8 - 6 + 2 + 9 + 15 + 1)^5 \\ &:= (2 - 8 - 6 + 2 - 9 - 1 + 51)^5 \\ &:= (28 + 6 + 2 + 9 - 15 + 1)^5 \\ &:= (2 + 86 + 2 - 9 + 1 - 51)^5 \\ &:= (-2 + 8 - 62 + 91 - 5 + 1)^5 \\ &:= (2 - 8 + 62 - 9 - 15 - 1)^5 \\ &:= (2 + 8 + 62 + 9 + 1 - 51)^5 \\ &:= (2 + 8 + 6 + 29 - 15 + 1)^5 \\ &:= (28 + 62 - 9 + 1 - 51)^5 \end{aligned}$$

$$28665316 := (-28 + 66 + 5316)^2$$

$$\begin{aligned} 29218112 &:= (292 + 18 + 1 - 1 - 2)^3 \\ &:= (292 - 1 + 8 + 11 - 2)^3 \end{aligned}$$

$$29503629 := (295 - 03 + 6 + 2 + 9)^3$$

$$\begin{aligned} 29986576 &:= (2 - 9 - 9 + 86 + 5 - 7 + 6)^4 \\ &:= (2 + 9 - 9 + 8 + 65 - 7 + 6)^4 \\ &:= (-29 + 9 + 86 - 5 + 7 + 6)^4 \\ &:= (-2 + 99 - 86 + 57 + 6)^4 \end{aligned}$$

$$30371328 := (303 + 7 - 1 - 3 - 2 + 8)^3$$

$$30959144 := (309 + 5 - 9 + 1 + 4 + 4)^3$$

$$31554496 := (315 - 54 + 49 + 6)^3$$

$$\begin{aligned} 31640625 &:= (3 - 1 + 64 + 06 - 2 + 5)^4 \\ &:= (-3 + 1 + 6 + 4 + 062 + 5)^4 \\ &:= (-3 + 1 + 6 + 40 + 6 + 25)^4 \end{aligned}$$

$$31685641 := (3 - 1 - 6 - 8 + 5641)^2$$

$$\begin{aligned} 31956409 &:= (31 - 9 + 5640 - 9)^2 \\ &:= (3 + 19 + 5640 - 9)^2 \end{aligned}$$

$$\begin{aligned} 32157432 &:= (321 + 5 - 7 + 4 - 3 - 2)^3 \\ &:= (-3 + 215 + 74 + 32)^3 \end{aligned}$$

$$\begin{aligned} 32461759 &:= (324 + 61 - 75 + 9)^3 \\ &:= (324 + 61 - 7 - 59)^3 \end{aligned}$$

$$32461759 := (-3 + 246 + 17 + 59)^3$$

$$\begin{aligned} 33076161 &:= (330 - 7 + 6 - 1 - 6 - 1)^3 \\ &:= (3 + 307 - 6 + 16 + 1)^3 \end{aligned}$$

$$\begin{aligned} 33362176 &:= (3 + 3 + 3 - 6 - 2 - 1 + 76)^4 \\ &:= (3 + 3 - 3 + 62 + 17 - 6)^4 \\ &:= (33 - 36 + 2 + 1 + 76)^4 \end{aligned}$$

$$\begin{aligned} 33554432 &:= (33 + 5 - 5 + 4 - 4 - 3 + 2)^5 \\ &:= (3 + 35 - 5 + 4 - 4 - 3 + 2)^5 \\ &:= (3 - 3 + 5 - 5 + 4 - 4 + 32)^5 \end{aligned}$$

$$\begin{aligned} 33554432 &:= (-33 - 5 - 5 + 44 + 3 - 2)^{25} \\ &:= (33 + 5 + 5 + 4 - 43 - 2)^{25} \\ &:= (3 - 35 - 5 + 44 - 3 - 2)^{25} \\ &:= (3 + 35 + 5 + 4 - 43 - 2)^{25} \\ &:= (3 + 3 + 5 - 54 + 43 + 2)^{25} \\ &:= (3 - 3 - 5 - 5 + 44 - 32)^{25} \\ &:= (33 - 55 - 4 - 4 + 32)^{25} \\ &:= (33 - 5 - 54 - 4 + 32)^{25} \end{aligned}$$

$$33582025 := (3 - 3 + 5820 - 25)^2$$

$$\begin{aligned} 34012224 &:= (3 - 4 - 01 + 22 + 2 - 4)^6 \\ &:= (3 - 4 - 01 + 2 + 22 - 4)^6 \\ &:= (3 - 4 - 01 - 2 - 2 + 24)^6 \\ &:= (34 - 012 + 2 - 2 - 4)^6 \\ &:= (3 + 40 - 1 - 22 + 2 - 4)^6 \\ &:= (3 + 40 - 1 + 2 - 22 - 4)^6 \\ &:= (3 + 40 - 1 + 2 - 2 - 24)^6 \\ &:= (340 - 12 + 2 - 2 - 4)^3 \end{aligned}$$

$$\begin{aligned}
34328125 &:= (343 - 2 - 8 - 1 - 2 - 5)^3 \\
&:= (-3 + 4 + 328 - 1 + 2 - 5)^3 \\
&:= (3 - 4 + 328 + 1 + 2 - 5)^3 \\
&:= (343 - 2 + 8 + 1 - 25)^3 \\
34645976 &:= (-3 + 464 - 59 - 76)^3 \\
35153041 &:= (35 - 1 + 5 - 3 + 041)^4 \\
&:= (-3 + 5 - 1 + 5 + 30 + 41)^4 \\
&:= (35 + 15 + 30 - 4 + 1)^4 \\
&:= (-35 + 153 - 041)^4 \\
35426304 &:= (-354 + 2 + 6304)^2 \\
35611289 &:= (35 - 6 + 11 + 289)^3 \\
35760400 &:= (-3 - 57 + 6040 + 0)^2 \\
35831808 &:= (3 + 5 + 8 - 3 - 1 + 8 - 08)^7 \\
&:= (35 + 8 - 31 + 8 - 08)^7 \\
&:= (3 + 5 - 83 - 1 + 80 + 8)^7 \\
&:= (35 - 831 + 808)^7 \\
35916049 &:= (35 - 91 + 6049)^2 \\
35976004 &:= (-3 - 5 + 9 - 7 + 6004)^2 \\
36036009 &:= (3 - 6 - 03 + 6009)^2 \\
36264691 &:= (3 - 6 + 264 + 69 + 1)^3 \\
&:= (-362 + 6 - 4 + 691)^3 \\
36360900 &:= (3 - 63 + 6090 + 0)^2 \\
36594368 &:= (365 - 9 + 4 - 36 + 8)^3 \\
&:= (-36 - 5 + 9 - 4 + 368)^3 \\
&:= (-36 + 5 - 9 + 4 + 368)^3 \\
36857041 &:= (368 + 5704 - 1)^2 \\
36926037 &:= (369 - 26 - 03 - 7)^3 \\
37015056 &:= (3 + 70 + 1 + 5 + 05 - 6)^4 \\
&:= (37 - 015 + 056)^4 \\
&:= (-3 - 70 + 150 - 5 + 6)^4 \\
&:= (3 + 70 - 1 - 50 + 56)^4 \\
37613689 &:= (3 - 7 + 6136 - 8 + 9)^2 \\
37933056 &:= (3 - 7 + 9 + 330 - 5 + 6)^3 \\
&:= (37 - 9 - 3 + 305 + 6)^3 \\
38272753 &:= (-3 + 8 + 272 + 7 + 53)^3 \\
&:= (-382 + 727 - 5 - 3)^3 \\
&:= (38 + 27 + 275 - 3)^3 \\
38614472 &:= (386 + 1 - 44 - 7 + 2)^3 \\
&:= (386 + 1 - 4 - 47 + 2)^3 \\
38958219 &:= (389 - 58 - 2 + 1 + 9)^3 \\
39135393 &:= (39 + 1 + 3 + 5 - 3 - 9 - 3)^5 \\
&:= (3 + 9 + 13 + 5 - 3 + 9 - 3)^5 \\
&:= (3 + 9 + 1 + 35 - 3 - 9 - 3)^5 \\
&:= (3 - 9 + 1 - 3 + 53 - 9 - 3)^5 \\
&:= (3 - 9 + 1 - 3 + 5 + 39 - 3)^5 \\
&:= (-39 + 13 + 53 + 9 - 3)^5 \\
&:= (-39 - 13 - 5 - 3 + 93)^5 \\
&:= (39 + 1 + 35 - 39 - 3)^5 \\
&:= (3 + 91 + 35 - 3 - 93)^5 \\
&:= (3 - 9 + 135 - 3 - 93)^5 \\
&:= (-3 + 9 - 13 - 53 + 93)^5 \\
&:= (391 + 35 - 393)^5 \\
40353607 &:= (40 - 35 + 3 + 6 - 07)^9 \\
&:= (4 + 03 - 53 + 60 - 7)^9 \\
40707584 &:= (407 - 075 + 8 + 4)^3 \\
41063625 &:= (4 - 10 - 6 + 362 - 5)^3 \\
41216400 &:= (41 - 21 + 6400)^2 \\
41421736 &:= (414 - 2 + 1 - 73 + 6)^3 \\
42144192 &:= (-4 + 2 + 1 + 441 - 92)^3 \\
43046721 &:= (43 + 046 - 7 - 2 + 1)^4 \\
&:= (4 + 3 + 04 - 6 + 7 - 2 - 1)^8 \\
&:= (4 + 3 + 04 - 6 + 7 - 21)^8 \\
&:= (43 - 046 - 7 + 2 - 1)^8 \\
&:= (4 + 30 + 46 - 72 + 1)^8 \\
&:= (43 - 046 + 7 - 2 + 1)^{16} \\
&:= (4 - 3 + 04 - 6 + 7 - 2 - 1)^{16} \\
&:= (4 - 3 + 04 + 6 + 7 - 21)^{16}
\end{aligned}$$

$$\begin{aligned} 43243551 &:= (4 - 3 - 2 - 4 + 355 + 1)^3 \\ &:= (-4 + 324 + 35 - 5 + 1)^3 \\ &:= (43 - 243 + 551)^3 \end{aligned}$$

$$\begin{aligned} 47832147 &:= (47 - 8 + 321 - 4 + 7)^3 \\ &:= (-4 + 7 - 8 + 321 + 47)^3 \\ &:= (478 + 32 - 147)^3 \end{aligned}$$

$$43614208 := (4 - 3 - 61 + 420 - 8)^3$$

$$48228544 := (48 - 228 + 544)^3$$

$$43986977 := (-439 + 869 - 77)^3$$

$$48566961 := (-48 + 56 + 6961)^2$$

$$43996689 := (43 - 99 + 6689)^2$$

$$48828125 := (4 + 8 - 8 + 2 - 8 + 12 - 5)^{11}$$

$$44361864 := (443 - 6 - 1 - 86 + 4)^3$$

$$:= (48 - 8 - 28 - 12 + 5)^{11}$$

$$45118016 := (451 + 1 - 80 - 16)^3$$

$$:= (-4 - 88 - 28 + 125)^{11}$$

$$45212176 := (-4 - 5 + 2 + 12 + 1 + 76)^4$$

$$49787136 := (4 + 97 - 8 - 7 + 1 + 3 - 6)^4$$

$$:= (4 - 9 + 78 + 7 + 1 - 3 + 6)^4$$

$$:= (45 + 4 - 35 - 4 + 24)^5$$

$$:= (4 - 9 + 7 + 8 + 71 - 3 + 6)^4$$

$$:= (-45 + 4 - 3 + 54 + 24)^5$$

$$:= (4 - 5 - 43 + 54 + 24)^5$$

$$:= (45 - 435 + 424)^5$$

$$49836032 := (4 - 9 + 8 + 360 + 3 + 2)^3$$

$$50243409 := (5 - 02 - 43 + 409)^3$$

$$51064811 := (-5 - 106 + 481 + 1)^3$$

$$52313624 := (5 - 2 + 313 + 62 - 4)^3$$

$$45882712 := (-4 + 5 + 88 + 271 - 2)^3$$

$$46063369 := (460 + 6336 - 9)^2$$

$$46268279 := (4 + 626 + 8 - 279)^3$$

$$52521875 := (5 + 25 - 2 + 1 + 8 - 7 + 5)^5$$

$$:= (5 - 2 + 5 + 21 + 8 - 7 + 5)^5$$

$$46840336 := (4 + 6840 + 3 + 3 - 6)^2$$

$$:= (52 + 5 - 2 - 18 - 7 + 5)^5$$

$$46977316 := (-469 + 7 + 7316)^2$$

$$:= (-52 + 5 - 2 + 1 + 8 + 75)^5$$

$$:= (-5 + 25 + 21 - 8 + 7 - 5)^5$$

$$47045881 := (4 + 7 + 04 + 5 + 8 - 8 - 1)^6$$

$$:= (-4 - 7 + 045 - 8 - 8 + 1)^6$$

$$:= (5 - 2 + 52 - 18 - 7 + 5)^5$$

$$:= (47 - 045 + 8 + 8 + 1)^6$$

$$:= (5 - 2 - 52 + 1 + 8 + 75)^5$$

$$:= (4 + 70 - 4 - 58 + 8 - 1)^6$$

$$:= (5 - 25 - 2 - 18 + 75)^5$$

$$:= (47 + 045 + 8 - 81)^6$$

$$:= (470 - 458 + 8 - 1)^6$$

$$52867441 := (528 + 6744 - 1)^2$$

$$47073321 := (-470 + 7332 - 1)^2$$

$$53157376 := (-5 + 315 - 7 - 3 + 76)^3$$

$$:= (5 + 3 - 15 + 7 + 376)^3$$

$$47196900 := (-4 - 7 - 19 + 6900)^2$$

$$47306884 := (4 - 7 - 3 + 06884)^2$$

$$54010152 := (540 - 10 - 152)^3$$

$$47437928 := (4 - 7 - 4 + 379 - 2 - 8)^3$$

$$54700816 := (5 - 4 + 70 + 08 + 1 + 6)^4$$

$$54745201 := (-54 + 7452 + 01)^2$$

$$47458321 := (4 + 74 - 5 + 8 + 3 - 2 + 1)^4$$

$$:= (4 + 74 - 5 - 8 - 3 + 21)^4$$

$$56175025 := (5 - 6 - 1 + 7502 - 5)^2$$

$$:= (4 - 7 + 45 + 8 + 32 + 1)^4$$

$$57289761 := (5 - 7 + 2 + 89 - 7 + 6 - 1)^4$$

$$:= (4 + 7 - 4 + 58 - 3 + 21)^4$$

$$:= (57 + 2 - 8 + 97 - 61)^4$$

$$:= (47 - 4 + 58 + 3 - 21)^4$$

$$:= (-5 - 72 + 89 + 76 - 1)^4$$



$$57592921 := (5 + 7592 - 9 + 2 - 1)^2$$

$$57623281 := (-5 + 7623 - 28 + 1)^2$$

$$57653649 := (-5 + 7653 - 64 + 9)^2$$

$$57775201 := (5 + 77 + 7520 - 1)^2$$

$$57927321 := (5 + 7927 - 321)^2$$

$$59969536 := (5 + 9 - 9 + 69 + 5 + 3 + 6)^4$$

$$:= (59 - 9 + 6 - 9 + 5 + 36)^4$$

$$:= (5 + 99 + 6 + 9 + 5 - 36)^4$$

$$:= (5 + 9 + 96 + 9 + 5 - 36)^4$$

$$:= (5 + 9 + 9 + 6 + 95 - 36)^4$$

$$:= (59 - 9 + 69 + 5 - 36)^4$$

$$60236288 := (-60 + 2 + 362 + 88)^3$$

$$60466176 := (-6 + 046 - 6 + 1 + 7 - 6)^5$$

$$:= (60 - 46 + 6 - 1 - 7 - 6)^{10}$$

$$62078641 := (-6 + 20 + 7864 + 1)^2$$

$$62267881 := (-6 + 22 - 6 + 7881)^2$$

$$62678889 := (-6 + 26 + 7888 + 9)^2$$

$$62742241 := (6 + 2 + 74 + 2 + 2 + 4 - 1)^4$$

$$:= (-6 + 2 + 74 + 22 - 4 + 1)^4$$

$$:= (-6 - 2 + 74 - 2 + 24 + 1)^4$$

$$:= (-6 + 2 + 74 - 22 + 41)^4$$

$$:= (-62 - 74 + 224 + 1)^4$$

$$62748517 := (6 - 2 - 7 - 4 + 8 - 5 + 17)^7$$

$$:= (62 + 7 - 4 - 8 - 51 + 7)^7$$

$$:= (-6 - 27 - 4 - 8 + 51 + 7)^7$$

$$:= (6 - 27 + 4 + 8 + 5 + 17)^7$$

$$:= (6 + 2 - 74 + 85 + 1 - 7)^7$$

$$:= (-6 + 2 + 7 - 48 + 51 + 7)^7$$

$$63297936 := (-6 - 3 + 29 + 7936)^2$$

$$63792169 := (63 + 7921 - 6 + 9)^2$$

$$63968004 := (6 + 3 - 9 - 6 + 8004)^2$$

$$64048009 := (-6 + 4 - 04 + 8009)^2$$

$$64080025 := (-6 + 4 + 08002 + 5)^2$$

$$64480900 := (-64 + 4 + 8090 + 0)^2$$

$$64964808 := (6 + 4 - 96 + 480 + 8)^3$$

$$65939264 := (6 + 5 - 9 + 392 + 6 + 4)^3$$

$$66080641 := (66 + 08064 - 1)^2$$

$$:= (6 + 60 + 8064 - 1)^2$$

$$66923416 := (6 - 6 - 9 + 2 - 3 + 416)^3$$

$$:= (66 - 9 + 2 + 341 + 6)^3$$

$$67108864 := (6 + 7 + 1 + 08 - 8 - 6 - 4)^{13}$$

$$:= (67 + 1 + 08 - 8 - 64)^{13}$$

$$:= (67 - 1 + 08 - 8 - 64)^{26}$$

$$:= (6 + 7 - 1 + 08 - 8 - 6 - 4)^{26}$$

$$67419143 := (6 - 7 + 419 - 14 + 3)^3$$

$$67848169 := (-6 + 78 - 4 + 8169)^2$$

$$68244121 := (6 + 8244 + 12 - 1)^2$$

$$68574961 := (6 - 8 + 5 + 74 + 9 + 6 - 1)^4$$

$$:= (6 - 8 - 5 + 7 - 4 + 96 - 1)^4$$

$$:= (-6 - 8 + 57 - 4 - 9 + 61)^4$$

$$69343957 := (6 - 9 + 34 + 3 - 9 + 5 + 7)^5$$

$$:= (6 - 9 + 3 - 4 + 39 - 5 + 7)^5$$

$$:= (-6 - 9 + 3 + 4 - 3 - 9 + 57)^5$$

$$:= (-69 + 3 + 4 - 3 + 95 + 7)^5$$

$$:= (-6 + 93 - 43 - 9 - 5 + 7)^5$$

$$:= (-69 - 3 + 43 + 9 + 57)^5$$

$$:= (-6 - 9 + 34 - 39 + 57)^5$$

$$69426531 := (-69 + 426 + 53 + 1)^3$$

$$:= (6 + 942 - 6 - 531)^3$$

$$:= (6942 - 6531)^3$$

$$71639296 := (7 - 1 + 6 + 3 + 92 - 9 - 6)^4$$

$$:= (7 - 1 - 6 + 3 - 9 + 2 + 96)^4$$

$$73034632 := (73 + 0346 - 3 + 2)^3$$

$$73085401 := (7 + 3 + 08540 - 1)^2$$

$$73856836 := (-7 - 3 + 8568 + 36)^2$$

$$\begin{aligned} 74805201 &:= (7 + 4 + 80 + 5 - 2 - 01)^4 \\ &:= (7 - 4 - 80 + 5 - 20 - 1)^4 \end{aligned}$$

$$\begin{aligned} 75151448 &:= (-7 - 5 - 15 + 1 + 448)^3 \\ &:= (7 - 51 + 514 - 48)^3 \end{aligned}$$

$$\begin{aligned} 75968656 &:= (75 - 9 - 6 + 8656)^2 \\ &:= (7 + 59 - 6 + 8656)^2 \end{aligned}$$

$$76895361 := (-768 + 9536 + 1)^2$$

$$\begin{aligned} 78074896 &:= (78 + 07 + 4 + 8 - 9 + 6)^4 \\ &:= (7 + 8 + 074 + 8 - 9 + 6)^4 \\ &:= (-7 + 8 - 07 - 4 + 8 + 96)^4 \\ &:= (-7 + 80 - 74 + 89 + 6)^4 \end{aligned}$$

$$78402752 := (78 - 402 + 752)^3$$

$$78818884 := (-7 + 8 - 8 + 1 + 8884)^2$$

$$78889924 := (-7 - 8 + 8899 + 2 - 4)^2$$

$$78953589 := (-7 - 8 + 95 + 358 - 9)^3$$

$$79049881 := (7904 + 988 - 1)^2$$

$$\begin{aligned} 79235168 &:= (7 + 9 + 2 + 35 - 1 - 6 - 8)^5 \\ &:= (-7 + 9 + 2 - 3 + 51 - 6 - 8)^5 \\ &:= (79 - 23 - 5 + 1 - 6 - 8)^5 \\ &:= (7 + 92 + 3 + 5 - 1 - 68)^5 \\ &:= (-7 + 9 + 23 + 5 + 16 - 8)^5 \\ &:= (-7 + 9 + 2 - 35 + 1 + 68)^5 \\ &:= (7 + 9 + 2 + 3 - 51 + 68)^5 \\ &:= (79 + 23 + 5 - 1 - 68)^5 \\ &:= (79 + 2 - 35 - 16 + 8)^5 \\ &:= (7 - 9 + 23 - 51 + 68)^5 \end{aligned}$$

$$80910025 := (-80 + 9100 - 25)^2$$

$$81090025 := (8 - 10 + 9002 + 5)^2$$

$$\begin{aligned} 81450625 &:= (81 - 4 + 5 + 06 + 2 + 5)^4 \\ &:= (-8 + 1 + 45 + 062 - 5)^4 \\ &:= (81 + 45 - 06 - 25)^4 \\ &:= (-8 - 14 + 50 + 62 + 5)^4 \end{aligned}$$

$$82828201 := (8282 + 820 - 1)^2$$

$$\begin{aligned} 84934656 &:= (8 + 4 + 93 - 4 + 6 - 5 - 6)^4 \\ &:= (8 + 49 + 34 + 6 + 5 - 6)^4 \\ &:= (-8 + 49 - 3 - 4 + 6 + 56)^4 \\ &:= (8 + 4 - 9 + 34 + 65 - 6)^4 \\ &:= (-8 - 4 + 9 - 3 + 46 + 56)^4 \end{aligned}$$

$$\begin{aligned} 85766121 &:= (8 - 5 + 7 + 6 - 6 + 12 - 1)^6 \\ &:= (8 - 57 + 66 + 1 + 2 + 1)^6 \\ &:= (8 - 57 + 6 + 61 + 2 + 1)^6 \\ &:= (8 - 5 + 76 - 61 + 2 + 1)^6 \\ &:= (-8 - 57 + 66 - 1 + 21)^6 \\ &:= (8 + 57 - 66 + 1 + 21)^6 \\ &:= (-8 + 576 - 6 - 121)^3 \end{aligned}$$

$$86192656 := (8 + 6 - 1 + 9265 + 6)^2$$

$$\begin{aligned} 88529281 &:= (88 + 5 + 2 + 9 + 2 - 8 - 1)^4 \\ &:= (8 + 85 + 2 + 9 + 2 - 8 - 1)^4 \\ &:= (8 + 8 - 5 - 2 + 9 - 2 + 81)^4 \\ &:= (-8 + 85 + 29 - 2 - 8 + 1)^4 \\ &:= (-8 + 85 + 2 - 9 + 28 - 1)^4 \\ &:= (-8 - 8 + 5 + 29 - 2 + 81)^4 \end{aligned}$$

$$\begin{aligned} 88716536 &:= (-88 - 7 - 1 + 6 + 536)^3 \\ &:= (-8 - 87 - 1 + 6 + 536)^3 \end{aligned}$$

$$89453764 := (8 + 9453 + 7 - 6 - 4)^2$$

$$90518849 := (-90 + 518 + 8 + 4 + 9)^3$$

$$90649441 := (90 - 6 - 4 + 9441)^2$$

$$90954369 := (9 + 09543 - 6 - 9)^2$$

$$90973444 := (9097 - 3 + 444)^2$$

$$91733851 := (-9 + 1 + 73 + 385 + 1)^3$$

$$91795561 := (9 + 17 + 9556 - 1)^2$$

$$91968100 := (-91 + 9681 + 00)^2$$

$$\begin{aligned} 92236816 &:= (92 + 2 - 3 + 6 + 8 - 1 - 6)^4 \\ &:= (-9 - 2 - 2 + 36 + 81 - 6)^4 \\ &:= (9 - 22 + 36 + 81 - 6)^4 \end{aligned}$$

$$92345408 := (-9 + 2 - 3 + 454 + 08)^3$$

$$92345408 := (92 - 3 - 45 + 408)^3$$

$$93973636 := (-9 + 3 + 9736 - 36)^2$$

$$94196375 := (94 + 1 - 9 - 6 + 375)^3$$

$$94818816 := (-9 + 481 + 8 - 8 - 16)^3$$

$$94984516 := (-94 + 9845 + 1 - 6)^2$$

$$96059601 := (96 + 05 - 9 + 6 + 01)^4$$

$$:= (-9 + 6 + 05 + 96 + 01)^4$$

$$96079204 := (9607 - 9 + 204)^2$$

$$:= (-9 + 607 + 9204)^2$$

$$97990201 := (-9 + 7 + 9902 - 01)^2$$

$$98287396 := (9828 - 7 - 3 + 96)^2$$

$$98446084 := (9844 - 6 + 084)^2$$

$$98485776 := (9848 + 5 + 77 - 6)^2$$

$$98743969 := (9874 + 3 - 9 + 69)^2$$

$$98843364 := (9884 - 3 - 3 + 64)^2$$

$$99121936 := (9912 - 1 + 9 + 36)^2$$

$$99720196 := (9972 - 01 + 9 + 6)^2$$

$$99780121 := (9978 + 012 - 1)^2$$

## 8.2 9-Digits Semi-Selfie Numbers

This subsection brings 9-digits **semi-selfie numbers** with positive and negative signs. In case of repeated values, we considered only few numbers

$$100020001 := (10002 - 0001)^2$$

$$100180081 := (10018 + 0 - 08 - 1)^2$$

$$100200100 := (10020 - 010 + 0)^2$$

$$100220121 := (10022 - 012 + 1)^2$$

$$100280196 := (10028 + 01 - 9 - 6)^2$$

$$100544625 := (-1 + 005 + 4 + 462 - 5)^3$$

$$:= (-1 + 0 - 05 + 446 + 25)^3$$

$$100721296 := (10072 - 1 - 29 - 6)^2$$

$$100881936 := (10088 + 1 - 9 - 36)^2$$

$$100902025 := (10090 - 20 - 25)^2$$

$$101103025 := (10110 - 30 - 25)^2$$

$$101163364 := (10116 + 3 + 3 - 64)^2$$

$$101194696 := (10 + 1 + 1 - 9 + 469 - 6)^3$$

$$101263969 := (10126 - 3 + 9 - 69)^2$$

$$101525776 := (10152 - 5 - 77 + 6)^2$$

$$101566084 := (10156 + 6 - 084)^2$$

$$101646724 := (10164 - 6 - 72 - 4)^2$$

$$101727396 := (10172 + 7 + 3 - 96)^2$$

$$101828281 := (10182 - 82 - 8 - 1)^2$$

$$:= (10182 - 8 - 2 - 81)^2$$

$$101847563 := (10 - 1 - 8 + 475 - 6 - 3)^3$$

$$:= (1 - 018 + 475 + 6 + 3)^3$$

$$:= (-101 + 8 + 4 - 7 + 563)^3$$

$$101989801 := (10198 - 98 - 01)^2$$

$$102475129 := (10247 + 5 - 129)^2$$

$$102503232 := (1 - 02 + 503 - 2 - 32)^3$$

$$102637161 := (10263 - 71 - 61)^2$$

$$102697956 := (10269 - 79 - 56)^2$$

$$104060401 := (104 - 06 + 04 - 01)^4$$

$$104346225 := (10434 + 6 - 225)^2$$

$$104487111 := (-10 + 4 + 487 - 11 + 1)^3$$

$$105154048 := (1 + 0515 + 4 - 048)^3$$

$$105413504 := (10 + 5 + 4 + 1 + 3 - 5 - 04)^7$$

$$:= (1 + 05 + 4 + 13 - 5 - 04)^7$$

$$:= (-1 + 05 + 41 - 35 + 04)^7$$

$$:= (1 + 05 - 41 + 3 + 50 - 4)^7$$

$$:= (10 + 54 + 1 + 3 - 50 - 4)^7$$

$$:= (1 + 054 + 13 - 50 - 4)^7$$

$$:= (105 + 413 - 504)^7$$

$$105823817 := (105 - 8 + 2 + 381 - 7)^3$$

$$\begin{aligned} 106496424 &:= (1 + 064 - 9 - 6 + 424)^3 \\ &:= (1 + 06 + 49 - 6 + 424)^3 \\ &:= (10 + 6 + 496 - 42 + 4)^3 \end{aligned}$$

$$106564329 := (10656 - 4 - 329)^2$$

$$\begin{aligned} 108243216 &:= (108 + 2 + 4 - 3 - 2 - 1 - 6)^4 \\ &:= (10 + 82 + 4 + 3 - 2 - 1 + 6)^4 \\ &:= (1 + 082 + 4 - 3 + 2 + 16)^4 \\ &:= (108 + 2 + 4 + 3 - 21 + 6)^4 \\ &:= (108 + 24 - 3 - 21 - 6)^4 \end{aligned}$$

$$108531333 := (-10 - 8 + 531 - 33 - 3)^3$$

$$110607289 := (1 + 10607 - 2 - 89)^2$$

$$111049444 := (1 - 1 + 10494 + 44)^2$$

$$\begin{aligned} 111284641 &:= (11 + 1 - 2 + 8 + 464 - 1)^3 \\ &:= (-1 - 1 + 12 + 8 + 464 - 1)^3 \\ &:= (1 - 11 + 28 + 464 - 1)^3 \end{aligned}$$

$$111746041 := (11174 - 604 + 1)^2$$

$$\begin{aligned} 112550881 &:= (112 - 5 - 5 + 08 - 8 + 1)^4 \\ &:= (1 - 1 + 25 + 5 - 08 + 81)^4 \\ &:= (-11 - 25 + 50 + 88 + 1)^4 \\ &:= (1 + 125 + 50 + 8 - 81)^4 \end{aligned}$$

$$112678587 := (1 - 1 - 26 - 78 + 587)^3$$

$$\begin{aligned} 113379904 &:= (11 + 3 - 3 + 7 + 9 - 9 + 04)^6 \\ &:= (1 + 13 - 3 + 7 + 9 - 9 + 04)^6 \\ &:= (1 - 1 + 33 - 7 + 9 - 9 - 04)^6 \\ &:= (113 - 3 + 7 - 99 + 04)^6 \\ &:= (-11 - 33 + 79 - 9 - 04)^6 \\ &:= (-1 + 13 + 3 - 79 + 90 - 4)^6 \end{aligned}$$

$$\begin{aligned} 114791256 &:= (11 + 479 - 1 - 2 + 5 - 6)^3 \\ &:= (-11 + 479 - 1 + 25 - 6)^3 \end{aligned}$$

$$115501303 := (1 - 15 + 501 + 3 - 03)^3$$

$$\begin{aligned} 115856201 &:= (-1 - 1 - 5 - 8 - 5 + 62 - 01)^5 \\ &:= (-11 + 5 - 8 + 56 - 2 + 01)^5 \\ &:= (115 - 8 - 5 - 62 + 01)^5 \\ &:= (-1 + 15 - 8 + 56 - 20 - 1)^5 \\ &:= (-1 - 158 + 5 - 6 + 201)^5 \end{aligned}$$

$$116208400 := (11620 - 840 + 0)^2$$

$$116214272 := (1 + 1 + 62 - 1 + 427 - 2)^3$$

$$\begin{aligned} 116985856 &:= (1 - 1 - 6 + 98 + 5 + 8 + 5 - 6)^4 \\ &:= (11 + 6 + 9 + 85 - 8 - 5 + 6)^4 \\ &:= (1 + 16 + 9 + 85 - 8 - 5 + 6)^4 \\ &:= (1 + 169 - 85 + 8 + 5 + 6)^4 \\ &:= (-1 - 1 + 69 + 85 + 8 - 56)^4 \\ &:= (-1 - 1 + 6 + 98 + 58 - 56)^4 \\ &:= (1 + 1 + 6 + 98 - 58 + 56)^4 \\ &:= (116 - 98 - 5 + 85 + 6)^4 \\ &:= (116 + 9 - 85 + 8 + 56)^4 \end{aligned}$$

$$117158976 := (11715 - 897 + 6)^2$$

$$119049921 := (11904 - 992 - 1)^2$$

$$119095488 := (-1 + 19 - 09 - 5 + 488)^3$$

$$120553784 := (120 + 5 - 5 + 378 - 4)^3$$

$$121110025 := (1 - 2 - 1 + 11002 + 5)^2$$

$$\begin{aligned} 121287375 &:= (121 - 2 + 8 - 7 + 375)^3 \\ &:= (1 - 2 + 128 - 7 + 375)^3 \end{aligned}$$

$$121550625 := (1 + 2 - 15 + 50 + 62 + 5)^4$$

$$\begin{aligned} 122763473 &:= (12 + 2 + 7 + 6 - 3 + 473)^3 \\ &:= (-12 - 27 + 63 + 473)^3 \end{aligned}$$

$$123121216 := (12312 - 1216)^2$$

$$\begin{aligned} 123505992 &:= (12 - 3 + 505 - 9 - 9 + 2)^3 \\ &:= (-1 - 2 + 350 + 59 + 92)^3 \end{aligned}$$

$$\begin{aligned} 124251499 &:= (-1 + 2 + 4 - 2 + 514 - 9 - 9)^3 \\ &:= (12 - 4 - 2 - 5 - 1 + 499)^3 \\ &:= (-12 + 4 + 2 + 5 + 1 + 499)^3 \end{aligned}$$

$$125751501 := (1 - 2 - 5 - 7 + 515 - 01)^3$$

$$\begin{aligned} 126247696 &:= (1 + 2 + 6 - 2 + 4 - 7 + 6 + 96)^4 \\ &:= (126 - 2 - 4 + 7 - 6 - 9 - 6)^4 \\ &:= (1 + 26 + 2 + 4 + 76 - 9 + 6)^4 \\ &:= (1 + 2 + 6 + 24 + 76 - 9 + 6)^4 \\ &:= (126 - 24 + 7 - 6 + 9 - 6)^4 \\ &:= (-12 + 62 + 47 - 6 + 9 + 6)^4 \\ &:= (-12 + 6 + 2 + 47 + 69 - 6)^4 \\ &:= (-1 - 26 + 24 + 7 + 6 + 96)^4 \end{aligned}$$

$$127263527 := (12 - 7 - 26 - 3 + 527)^3$$

$$128787625 := (-128 + 7 + 8 - 7 + 625)^3$$

$$\begin{aligned} 129140163 &:= (1 + 2 - 9 + 1 + 4 + 01 + 6 - 3)^{17} \\ &:= (12 + 9 - 14 - 01 - 6 + 3)^{17} \\ &:= (12 + 9 - 1 - 4 - 016 + 3)^{17} \\ &:= (1 - 29 + 1 + 40 - 1 - 6 - 3)^{17} \\ &:= (1 + 29 - 14 - 016 + 3)^{17} \\ &:= (-129 + 140 + 1 - 6 - 3)^{17} \end{aligned}$$

$$\begin{aligned} 129554216 &:= (-1 + 2 + 95 - 5 + 421 - 6)^3 \\ &:= (-12 - 9 + 554 - 21 - 6)^3 \\ &:= (-1 - 29 + 554 - 2 - 16)^3 \end{aligned}$$

$$130323843 := (-13 - 0323 + 843)^3$$

$$\begin{aligned} 130691232 &:= (1 + 30 + 6 + 9 - 1 + 2 - 3 - 2)^5 \\ &:= (1 + 3 - 06 + 9 + 1 + 2 + 32)^5 \\ &:= (13 - 06 + 9 + 1 + 23 + 2)^5 \\ &:= (1 - 30 + 69 - 1 + 2 + 3 - 2)^5 \\ &:= (1 + 3 + 069 - 1 + 2 - 32)^5 \\ &:= (130 + 6 - 91 + 2 - 3 - 2)^5 \\ &:= (-13 - 06 + 91 + 2 - 32)^5 \\ &:= (13 - 06 - 9 + 12 + 32)^5 \end{aligned}$$

$$\begin{aligned} 131079601 &:= (1 + 3 + 1 + 07 + 96 - 01)^4 \\ &:= (1 + 31 + 07 + 9 + 60 - 1)^4 \\ &:= (1 - 3 + 107 + 9 - 6 - 01)^4 \\ &:= (13 + 10 + 79 + 6 - 01)^4 \\ &:= (13 - 10 + 7 + 96 + 01)^4 \end{aligned}$$

$$131096512 := (1 - 3 + 1 - 09 + 6 + 512)^3$$

$$132618256 := (-1 + 3261 + 8256)^2$$

$$132651000 := (1 + 3 + 2 - 6 + 510 + 00)^3$$

$$\begin{aligned} 133432831 &:= (1 - 3 - 3 + 432 + 83 + 1)^3 \\ &:= (-1 + 3343 - 2831)^3 \end{aligned}$$

$$\begin{aligned} 134217728 &:= (1 + 3 - 4 - 2 + 17 - 7 + 2 - 8)^{27} \\ &:= (13 + 4 - 21 + 7 - 7 - 2 + 8)^{27} \\ &:= (13 + 4 - 2 + 1 + 7 + 7 - 28)^{27} \\ &:= (1 + 3 - 4 - 2 - 17 - 7 + 28)^{27} \\ &:= (-13 + 42 + 1 - 7 + 7 - 28)^{27} \\ &:= (13 - 4 + 21 + 7 - 7 - 28)^{27} \\ &:= (13 - 4 + 21 - 7 + 7 - 28)^{27} \\ &:= (13 - 4 - 21 - 7 - 7 + 28)^{27} \\ &:= (1 - 34 + 21 - 7 - 7 + 28)^{27} \end{aligned}$$

$$\begin{aligned} 134217728 &:= (13 + 4 + 2 - 1 + 7 - 7 - 2 - 8)^9 \\ &:= (1 + 34 - 2 - 1 - 7 - 7 - 2 - 8)^9 \\ &:= (-13 + 42 - 1 - 7 - 7 + 2 - 8)^9 \\ &:= (1 + 34 - 21 + 7 - 7 + 2 - 8)^9 \\ &:= (1 + 34 + 2 - 1 + 7 - 7 - 28)^9 \\ &:= (1 + 3 + 42 - 17 + 7 - 28)^9 \\ &:= (-1 + 3 - 42 - 1 + 77 - 28)^9 \\ &:= (13 + 42 + 17 - 72 + 8)^9 \\ &:= (134 - 21 - 77 - 28)^9 \end{aligned}$$

$$134217728 := (-1 + 342 + 177 + 2 - 8)^3$$

$$:= (1 + 30 - 6 - 9 + 1 + 23 + 2)^5$$

$$\begin{aligned} 135005697 &:= (1 + 3 + 500 + 5 + 6 - 9 + 7)^3 \\ &:= (-13 - 50 + 0569 + 7)^3 \end{aligned}$$

$$135796744 := (-1 + 3 + 579 - 67 + 4 - 4)^3$$

$$\begin{aligned} 136048896 &:= (1 - 3 - 6 + 04 + 8 + 8 + 96)^4 \\ &:= (13 + 6 + 04 + 88 - 9 + 6)^4 \\ &:= (1 - 36 + 048 + 89 + 6)^4 \\ &:= (13 + 60 - 48 + 89 - 6)^4 \end{aligned}$$

$$\begin{aligned} 136590875 &:= (1 - 3 - 6 + 590 + 8 - 75)^3 \\ &:= (13 - 6 + 590 - 87 + 5)^3 \end{aligned}$$

$$138188413 := (1 - 381 + 884 + 13)^3$$

$$139617856 := (-1 + 3961 + 7856)^2$$

$$\begin{aligned} 141158161 &:= (1 + 41 + 15 - 8 - 1 + 61)^4 \\ &:= (-1 + 4 + 115 + 8 - 16 - 1)^4 \\ &:= (14 - 1 + 158 - 1 - 61)^4 \\ &:= (-1 - 4 + 11 - 58 + 161)^4 \\ &:= (14 + 115 - 81 + 61)^4 \end{aligned}$$

$$143877824 := (-1 + 438 + 77 + 8 - 2 + 4)^3$$

$$\begin{aligned} 145531576 &:= (-14 + 5 + 531 + 5 - 7 + 6)^3 \\ &:= (-1 + 4 - 55 + 3 - 1 + 576)^3 \\ &:= (1 - 4 + 5 - 53 + 1 + 576)^3 \\ &:= (1 + 45 + 531 - 57 + 6)^3 \end{aligned}$$

$$146363183 := (1 + 4 + 636 - 31 - 83)^3$$

$$\begin{aligned} 147008443 &:= (1 + 4 + 7 - 008 - 4 + 43)^5 \\ &:= (-1 - 47 + 0084 + 4 + 3)^5 \\ &:= (14 + 70 - 084 + 43)^5 \end{aligned}$$

$$:= (-14 - 70 + 084 + 43)^5$$

$$\begin{aligned} 148035889 &:= (14 + 8 + 03 + 5 - 8 - 8 + 9)^6 \\ &:= (1 + 4 + 8 + 035 - 8 - 8 - 9)^6 \\ &:= (1 + 48 - 035 + 8 - 8 + 9)^6 \\ &:= (1 + 4 + 80 - 3 - 58 + 8 - 9)^6 \\ &:= (1 - 4 - 8 + 03 - 58 + 89)^6 \\ &:= (14 + 80 + 3 + 5 - 88 + 9)^6 \\ &:= (14 - 80 - 3 - 5 + 8 + 89)^6 \\ &:= (1 + 4 + 80 + 35 - 88 - 9)^6 \\ &:= (1 + 4 + 80 + 35 - 8 - 89)^6 \\ &:= (1 - 48 - 03 + 588 - 9)^3 \end{aligned}$$

$$150568768 := (-15 + 0568 - 7 - 6 - 8)^3$$

$$151419437 := (1 + 514 + 1 + 9 + 4 - 3 + 7)^3$$

$$\begin{aligned} 151807041 &:= (1 + 51 - 8 + 070 - 4 + 1)^4 \\ &:= (1 - 5 + 1 + 80 - 7 + 041)^4 \\ &:= (151 + 8 - 07 - 041)^4 \end{aligned}$$

$$:= (1 + 5 + 180 - 70 - 4 - 1)^4$$

$$\begin{aligned} 152273304 &:= (1 + 522 + 7 + 3 - 3 + 04)^3 \\ &:= (1 + 5 + 227 - 3 + 304)^3 \end{aligned}$$

$$\begin{aligned} 153990656 &:= (1 + 539 - 9 + 06 + 5 - 6)^3 \\ &:= (1 + 539 - 9 - 06 + 5 + 6)^3 \end{aligned}$$

$$\begin{aligned} 154854153 &:= (1 + 548 - 5 - 4 - 1 - 5 + 3)^3 \\ &:= (1 + 5 - 4 - 8 + 541 + 5 - 3)^3 \\ &:= (1 - 5 + 485 + 4 - 1 + 53)^3 \end{aligned}$$

$$156125025 := (-1 + 5 - 6 + 12502 - 5)^2$$

$$\begin{aligned} 156590819 &:= (1 + 565 - 9 - 08 - 1 - 9)^3 \\ &:= (15 + 6 + 590 - 81 + 9)^3 \end{aligned}$$

$$\begin{aligned} 157351936 &:= (15 + 7 - 3 + 5 + 1 + 93 - 6)^4 \\ &:= (1 + 57 - 3 + 51 + 9 + 3 - 6)^4 \\ &:= (1 + 5 + 73 + 51 - 9 - 3 - 6)^4 \\ &:= (1 + 5 + 73 + 5 + 1 - 9 + 36)^4 \\ &:= (1 - 5 - 7 + 35 + 1 + 93 - 6)^4 \\ &:= (157 - 35 - 19 + 3 + 6)^4 \\ &:= (157 + 3 + 51 - 93 - 6)^4 \\ &:= (15 + 73 + 51 + 9 - 36)^4 \end{aligned}$$

$$158340421 := (1 + 583 - 40 - 4 + 2 - 1)^3$$

$$160989184 := (1 + 609 + 8 + 9 + 1 - 84)^3$$

$$\begin{aligned} 161878625 &:= (-1 + 618 + 7 - 86 + 2 + 5)^3 \\ &:= (1 + 6 - 1 - 8 - 78 + 625)^3 \\ &:= (16 - 1 - 87 - 8 + 625)^3 \\ &:= (16 - 18 - 78 + 625)^3 \end{aligned}$$

$$\begin{aligned} 163047361 &:= (1 + 63 + 047 - 3 + 6 - 1)^4 \\ &:= (1 + 6 + 30 - 4 + 73 + 6 + 1)^4 \\ &:= (-1 + 6 + 3 + 047 - 3 + 61)^4 \\ &:= (16 + 30 - 4 + 7 + 3 + 61)^4 \\ &:= (-1 + 6 - 30 + 4 + 73 + 61)^4 \end{aligned}$$

$$163667323 := (1 + 636 + 6 - 73 - 23)^3$$

$$163667323 := (163 - 6 + 67 + 323)^3$$

$$164566592 := (-16 + 4 + 566 + 5 - 9 - 2)^3$$

$$:= (-16 - 4 - 5 + 665 - 92)^3$$

$$164916224 := (-16 + 49 + 1 + 6 + 2 - 2 + 4)^5$$

$$:= (-16 + 4 - 9 + 1 + 62 - 2 + 4)^5$$

$$:= (16 - 4 + 9 - 1 + 6 + 22 - 4)^5$$

$$:= (16 + 4 - 9 + 1 + 6 + 2 + 24)^5$$

$$:= (1 + 64 - 9 - 16 - 2 + 2 + 4)^5$$

$$:= (1 + 6 + 49 - 16 + 2 - 2 + 4)^5$$

$$:= (-1 + 6 + 4 + 91 - 62 + 2 + 4)^5$$

$$:= (1 + 6 + 4 - 9 + 16 + 22 + 4)^5$$

$$164916224 := (1 + 6 + 4 - 9 + 16 + 2 + 24)^5$$

$$:= (16 + 49 - 1 + 6 - 22 - 4)^5$$

$$:= (16 + 49 - 1 + 6 - 2 - 24)^5$$

$$:= (1 - 64 + 91 - 6 - 2 + 24)^5$$

$$:= (-1 + 64 - 9 + 16 - 2 - 24)^5$$

$$:= (1 - 6 - 4 + 91 - 62 + 24)^5$$

$$:= (-164 - 9 - 1 - 6 + 224)^5$$

$$165469149 := (16 + 546 - 9 + 1 + 4 - 9)^3$$

$$:= (1 + 6 + 546 - 9 + 14 - 9)^3$$

$$168196608 := (-1 - 68 + 19 - 6 + 608)^3$$

$$168896016 := (1 - 6 + 8 + 8 + 96 + 01 + 6)^4$$

$$:= (16 + 88 + 9 + 6 + 01 - 6)^4$$

$$:= (16 + 8 + 89 + 6 + 01 - 6)^4$$

$$:= (1 + 6 + 88 + 9 - 6 + 016)^4$$

$$:= (1 + 6 + 8 + 89 - 6 + 016)^4$$

$$:= (168 - 8 + 9 - 60 - 1 + 6)^4$$

$$:= (1 + 68 - 8 + 9 + 60 - 16)^4$$

$$:= (1 + 68 + 89 - 60 + 16)^4$$

$$169112377 := (-1 + 691 - 123 - 7 - 7)^3$$

$$169130025 := (1 + 6 - 9 + 13002 + 5)^2$$

$$170031464 := (1 + 700 + 3 - 146 - 4)^3$$

$$170859375 := (1 + 7 + 08 + 5 + 9 - 3 - 7 - 5)^7$$

$$:= (1 + 70 + 8 - 59 - 3 - 7 + 5)^7$$

$$:= (1 + 70 + 8 + 5 + 9 - 3 - 75)^7$$

$$:= (1 - 7 + 08 - 59 - 3 + 75)^7$$

$$:= (1 - 7 + 08 - 5 + 93 - 75)^7$$

$$:= (170 + 8 + 5 - 93 - 75)^7$$

$$170953875 := (-1 + 7 + 09 + 538 + 7 - 5)^3$$

$$171879616 := (1 - 71 + 8 - 7 + 9 + 616)^3$$

$$:= (17 + 1 - 87 + 9 + 616)^3$$

$$172213129 := (1 - 7 + 2 - 2 + 13129)^2$$

$$174676879 := (1 + 7 + 467 + 6 + 87 - 9)^3$$

$$:= (-17 - 4 + 676 - 87 - 9)^3$$

$$174900625 := (174 - 90 + 06 + 25)^4$$

$$175616000 := (17 - 56 - 1 + 600 + 0)^3$$

$$176558481 := (1 - 7 + 6 + 558 - 4 + 8 - 1)^3$$

$$:= (-17 + 6 - 5 + 584 - 8 + 1)^3$$

$$:= (-17 + 655 + 8 - 4 - 81)^3$$

$$177715561 := (-1 + 7771 + 5561)^2$$

$$177795556 := (-1 + 7779 + 5556)^2$$

$$178453547 := (-1 + 7 + 8 + 4 - 5 + 3 + 547)^3$$

$$:= (1 + 78 - 4 + 535 - 47)^3$$

$$180714249 := (1 - 807 + 14249)^2$$

$$181063936 := (1 + 8 - 1 + 06 + 3 + 93 + 6)^4$$

$$:= (-1 + 81 - 06 - 3 + 9 + 36)^4$$

$$:= (-1 + 8 + 106 + 3 - 9 + 3 + 6)^4$$

$$:= (1 + 8 - 1 + 063 + 9 + 36)^4$$

$$:= (18 - 10 + 6 + 3 + 93 + 6)^4$$

$$:= (-1 + 81 - 063 + 93 + 6)^4$$

$$:= (18 - 10 + 63 + 9 + 36)^4$$

$$:= (-1 - 810 - 6 - 3 + 936)^4$$

$$:= (-1 + 8 + 106 + 39 - 36)^4$$

$$\begin{aligned}
184528125 &:= (1 + 8 - 4 + 52 - 8 - 1 + 2 - 5)^5 \\
&:= (18 + 45 - 2 - 8 - 1 - 2 - 5)^5 \\
&:= (18 - 4 + 5 + 28 + 1 + 2 - 5)^5 \\
&:= (18 + 4 + 5 + 2 - 8 - 1 + 25)^5 \\
&:= (1 + 84 - 52 + 8 + 1 - 2 + 5)^5 \\
&:= (1 - 8 + 45 - 2 - 8 + 12 + 5)^5 \\
&:= (1 + 8 + 4 - 52 + 81 - 2 + 5)^5
\end{aligned}$$

$$\begin{aligned}
184528125 &:= (1 + 8 - 4 + 5 + 28 + 12 - 5)^5 \\
&:= (18 + 45 - 2 + 8 + 1 - 25)^5 \\
&:= (-18 + 4 + 5 + 28 + 1 + 25)^5 \\
&:= (-1 - 84 + 52 + 81 + 2 - 5)^5 \\
&:= (1 + 84 + 5 - 28 - 12 - 5)^5 \\
&:= (-1 - 84 - 5 + 2 + 8 + 125)^5 \\
&:= (-18 - 45 + 2 + 81 + 25)^5 \\
&:= (1 - 8 - 45 - 28 + 125)^5
\end{aligned}$$

$$\begin{aligned}
186513649 &:= (-1 + 8 + 6 - 5 + 13649)^2 \\
&:= (1 + 8 - 6 + 5 + 13649)^2
\end{aligned}$$

$$\begin{aligned}
187388721 &:= (-1 + 87 + 3 + 8 - 8 + 7 + 21)^4 \\
&:= (1 + 8 + 7 + 38 - 8 + 72 - 1)^4 \\
&:= (-1 - 8 + 7 + 3 + 88 + 7 + 21)^4 \\
&:= (-1 - 8 + 7 + 3 + 8 + 87 + 21)^4 \\
&:= (187 + 3 + 8 - 8 - 72 - 1)^4 \\
&:= (-18 + 7 + 38 + 87 + 2 + 1)^4 \\
&:= (187 + 38 - 87 - 21)^4 \\
&:= (-18 - 738 + 872 + 1)^4
\end{aligned}$$

$$\begin{aligned}
188132517 &:= (1 + 88 - 1 - 32 + 517)^3 \\
&:= (-1 + 8 + 81 - 32 + 517)^3 \\
&:= (18 + 813 - 251 - 7)^3 \\
&:= (188 - 132 + 517)^3
\end{aligned}$$

$$\begin{aligned}
191102976 &:= (1 + 9 + 1 + 1 + 02 + 9 + 7 - 6)^6 \\
&:= (1 + 9 - 1 - 1 + 029 - 7 - 6)^6 \\
&:= (19 + 11 - 02 + 9 - 7 - 6)^6 \\
&:= (1 + 91 + 1 - 02 + 9 - 76)^6 \\
&:= (19 - 11 + 029 - 7 - 6)^6 \\
&:= (-1 - 9 - 1 + 102 + 9 - 76)^6 \\
&:= (19 + 110 - 2 - 97 - 6)^6 \\
&:= (19 + 110 - 29 - 76)^6
\end{aligned}$$

$$193100552 := (19 - 3 + 10 + 0552)^3$$

$$\begin{aligned}
193877776 &:= (-1 + 93 - 8 + 7 + 7 + 7 + 7 + 6)^4 \\
&:= (19 - 3 + 87 + 7 + 7 + 7 - 6)^4 \\
&:= (193 + 8 - 77 + 7 - 7 - 6)^4 \\
&:= (-19 - 3 - 8 + 77 + 77 - 6)^4 \\
&:= (1 + 9 - 38 + 77 - 7 + 76)^4
\end{aligned}$$

$$\begin{aligned}
196122941 &:= (-19 + 612 + 2 - 9 - 4 - 1)^3 \\
&:= (-19 + 612 + 29 - 41)^3
\end{aligned}$$

$$196140025 := (1 - 9 + 6 + 14002 + 5)^2$$

$$197137368 := (1 + 9 + 713 - 73 - 68)^3$$

$$199176704 := (1 - 99 + 1 + 7 + 670 + 4)^3$$

$$200533921 := (-2 + 0 - 05 + 33 + 92 + 1)^4$$

$$203297472 := (20 - 3 + 2 + 97 + 472)^3$$

$$204336469 := (-20 - 43 - 3 + 646 + 9)^3$$

$$\begin{aligned}
205962976 &:= (20 + 5 + 9 + 6 - 2 + 9 - 7 + 6)^5 \\
&:= (2 - 05 + 9 + 62 - 9 - 7 - 6)^5 \\
&:= (2 + 05 - 9 + 6 + 29 + 7 + 6)^5 \\
&:= (20 - 5 - 9 + 62 - 9 - 7 - 6)^5 \\
&:= (20 - 5 + 9 - 6 + 29 - 7 + 6)^5 \\
&:= (-2 - 059 + 6 - 2 + 97 + 6)^5 \\
&:= (20 - 5 + 96 + 2 + 9 - 76)^5 \\
&:= (2 - 05 + 96 + 29 - 76)^5
\end{aligned}$$

$$208527857 := (-20 + 8 + 527 + 85 - 7)^3$$

$$209584584 := (2 + 09 + 584 - 5 + 8 - 4)^3$$

$$:= (20 - 9 + 584 - 5 + 8 - 4)^3$$

$$:= (20 - 9 - 5 + 8 - 4 + 584)^3$$

$$212776173 := (-2 + 1 - 2 - 7 - 7 + 617 - 3)^3$$

$$:= (-21 - 2 + 7 - 7 + 617 + 3)^3$$

$$:= (2 + 1 - 27 + 7 + 617 - 3)^3$$

$$213847192 := (-2 - 1 + 38 + 471 + 92)^3$$



$$\begin{aligned}
214358881 &:= (2 + 14 - 3 + 5 - 8 - 8 + 8 + 1)^8 \\
&:= (2 + 1 - 4 + 35 - 8 - 8 - 8 + 1)^8 \\
&:= (-2 - 1 - 43 + 58 + 8 - 8 - 1)^8 \\
&:= (2 + 1 - 4 - 3 - 58 - 8 + 81)^8 \\
&:= (-21 + 4 - 3 - 58 + 88 + 1)^8 \\
&:= (-2 + 14 - 3 - 5 + 88 - 81)^8 \\
&:= (2 + 14 - 3 + 5 - 88 + 81)^8 \\
&:= (-2 + 1 + 43 + 58 - 88 - 1)^8 \\
&:= (-21 + 4 + 35 - 88 + 81)^8
\end{aligned}$$

$$\begin{aligned}
214358881 &:= (-2 + 143 + 5 - 8 - 8 - 8 - 1)^4 \\
&:= (2 + 1 + 4 + 35 + 88 - 8 - 1)^4 \\
&:= (2 + 1 + 4 + 35 - 8 + 88 - 1)^4 \\
&:= (2 - 1 + 4 + 35 - 8 + 8 + 81)^4 \\
&:= (214 - 3 + 5 - 88 - 8 + 1)^4 \\
&:= (21 + 43 + 58 + 8 - 8 - 1)^4
\end{aligned}$$

$$\begin{aligned}
218167208 &:= (2 + 1 - 81 + 672 + 08)^3 \\
&:= (2 - 1 + 816 - 7 - 208)^3
\end{aligned}$$

$$219256227 := (21 - 9 + 2 + 562 + 27)^3$$

$$\begin{aligned}
221533456 &:= (22 - 1 + 53 - 3 + 45 + 6)^4 \\
&:= (2 + 2 + 153 - 34 + 5 - 6)^4 \\
&:= (-221 - 5 - 3 + 345 + 6)^4 \\
&:= (22 + 15 + 33 - 4 + 56)^4 \\
&:= (2 - 215 + 334 - 5 + 6)^4
\end{aligned}$$

$$223648543 := (2 + 2 + 3 + 648 - 5 - 43)^3$$

$$\begin{aligned}
225866529 &:= (2 - 2 - 58 + 6 + 652 + 9)^3 \\
&:= (22 + 58 + 6 - 6 + 529)^3
\end{aligned}$$

$$\begin{aligned}
228886641 &:= (22 + 88 + 8 + 6 - 6 + 4 + 1)^4 \\
&:= (22 + 8 + 8 + 86 - 6 + 4 + 1)^4 \\
&:= (2 + 28 + 88 + 6 - 6 + 4 + 1)^4 \\
&:= (2 + 28 + 8 + 86 - 6 + 4 + 1)^4 \\
&:= (228 - 88 - 6 - 6 - 4 - 1)^4 \\
&:= (2 - 28 + 88 + 66 - 4 - 1)^4 \\
&:= (-2 - 2 + 88 + 86 - 6 - 41)^4
\end{aligned}$$

$$229345007 := (2 - 2 - 9 + 3 - 4 + 50 + 07)^5$$

$$230346397 := (-2 + 3 - 034 + 639 + 7)^3$$

$$232608375 := (-23 - 2 + 608 + 37 - 5)^3$$

$$236421376 := (2 + 3 - 6 - 4 - 2 + 137 - 6)^4$$

$$:= (-23 + 6 - 4 + 2 + 137 + 6)^4$$

$$:= (-2 + 36 - 4 + 21 - 3 + 76)^4$$

$$:= (2 - 3 + 64 - 2 - 13 + 76)^4$$

$$:= (-23 + 6 + 4 + 213 - 76)^4$$

$$237176659 := (23 - 71 - 7 + 665 + 9)^3$$

$$:= (-2 + 37 + 1 - 76 + 659)^3$$

$$244015641 := (-24 + 4 + 015641)^2$$

$$244140625 := (2 - 4 - 4 + 14 - 06 - 2 + 5)^{12}$$

$$:= (24 - 4 - 14 + 06 - 2 - 5)^{12}$$

$$:= (2 + 4 + 4 + 14 + 06 - 25)^{12}$$

$$:= (-24 - 4 + 14 - 06 + 25)^{12}$$

$$244140625 := (2 + 4 - 4 + 14 + 06 - 2 + 5)^6$$

$$:= (24 - 4 + 14 - 06 + 2 - 5)^6$$

$$:= (-24 - 4 - 14 + 062 + 5)^6$$

$$:= (-24 + 4 + 14 + 06 + 25)^6$$

$$:= (-2 + 44 + 14 - 06 - 25)^6$$

$$244140625 := (2 - 4 - 4 + 140 - 6 + 2 - 5)^4$$

$$:= (-24 - 4 + 140 + 6 + 2 + 5)^4$$

$$:= (-2 - 44 + 140 + 6 + 25)^4$$

$$245314376 := (-24 + 531 + 43 + 76)^3$$

$$246491883 := (2 - 4 + 649 - 1 - 8 - 8 - 3)^3$$

$$:= (-24 + 649 - 1 - 8 + 8 + 3)^3$$

$$247673152 := (-24 - 76 + 731 - 5 + 2)^3$$

$$:= (2 - 47 - 6 + 731 - 52)^3$$

$$251239591 := (25 + 1 + 23 - 9 + 591)^3$$

$$\begin{aligned} 252047376 &:= (-2 + 52 + 04 + 73 - 7 + 6)^4 \\ &:= (-25 - 2 + 04 + 73 + 76)^4 \\ &:= (252 - 047 - 3 - 76)^4 \end{aligned}$$

$$\begin{aligned} 252435968 &:= (25 + 2 + 4 - 3 + 596 + 8)^3 \\ &:= (2 + 524 - 3 + 5 + 96 + 8)^3 \\ &:= (2 + 5 + 24 - 3 + 596 + 8)^3 \end{aligned}$$

$$\begin{aligned} 253636137 &:= (2 - 5 + 3 + 636 + 1 + 3 - 7)^3 \\ &:= (2 + 5 + 3 + 6 - 3 + 613 + 7)^3 \\ &:= (25 - 3 - 6 - 3 + 613 + 7)^3 \\ &:= (2 + 536 - 3 + 61 + 37)^3 \end{aligned}$$

$$\begin{aligned} 254803968 &:= (2 + 5 - 4 + 8 + 039 + 6 - 8)^5 \\ &:= (-25 - 4 - 8 - 03 + 96 - 8)^5 \\ &:= (2 - 54 + 80 - 3 + 9 + 6 + 8)^5 \\ &:= (2 - 5 - 4 + 80 - 39 + 6 + 8)^5 \\ &:= (2 + 5 + 4 + 8 - 039 + 68)^5 \\ &:= (25 + 48 - 039 + 6 + 8)^5 \\ &:= (25 - 4 - 80 + 3 + 96 + 8)^5 \\ &:= (25 - 4 - 80 + 39 + 68)^5 \end{aligned}$$

$$\begin{aligned} 257259456 &:= (2 + 572 + 59 + 4 + 5 - 6)^3 \\ &:= (-2 + 572 + 5 + 9 - 4 + 56)^3 \\ &:= (-2 + 57 - 2 + 594 - 5 - 6)^3 \end{aligned}$$

$$\begin{aligned} 258474853 &:= (-25 - 84 + 748 - 5 + 3)^3 \\ &:= (258 - 474 + 853)^3 \end{aligned}$$

$$\begin{aligned} 259694072 &:= (2 + 596 + 9 + 40 - 7 - 2)^3 \\ &:= (2 + 596 - 9 + 40 + 7 + 2)^3 \\ &:= (2 + 5 + 9 + 694 - 072)^3 \\ &:= (25 - 9 + 694 - 072)^3 \end{aligned}$$

$$\begin{aligned} 260144641 &:= (-26 + 0144 + 6 + 4 - 1)^4 \\ &:= (260 - 144 + 6 + 4 + 1)^4 \end{aligned}$$

$$260917119 := (-260 + 917 + 1 - 19)^3$$

$$263374721 := (263 + 374 + 7 - 2 - 1)^3$$

$$\begin{aligned} 265847707 &:= (2 + 658 + 4 - 7 - 7 - 07)^3 \\ &:= (2 + 6 + 5 - 84 + 7 + 707)^3 \\ &:= (2 - 6 - 5 - 8 - 47 + 707)^3 \end{aligned}$$

$$267089984 := (-267 + 0899 + 8 + 4)^3$$

$$\begin{aligned} 268336125 &:= (26 + 8 - 3 - 3 + 612 + 5)^3 \\ &:= (2 + 683 - 36 - 1 + 2 - 5)^3 \end{aligned}$$

$$\begin{aligned} 268435456 &:= (-2 - 68 + 4 + 3 + 5 + 4 + 56)^{28} \\ &:= (26 + 8 - 4 - 35 - 4 + 5 + 6)^{28} \\ &:= (-26 - 8 - 4 - 3 + 54 - 5 - 6)^{28} \\ &:= (-2 + 68 + 4 - 3 - 54 - 5 - 6)^{28} \\ &:= (2 + 6 + 8 + 43 - 5 + 4 - 56)^{28} \\ &:= (-26 + 84 - 3 - 54 - 5 + 6)^{28} \\ &:= (26 - 84 + 3 + 5 - 4 + 56)^{28} \\ &:= (-26 + 8 + 4 - 35 + 45 + 6)^{28} \\ &:= (-2 + 6 + 84 - 35 - 45 - 6)^{28} \end{aligned}$$

$$\begin{aligned} 268435456 &:= (2 + 6 + 8 + 43 + 5 - 4 - 56)^{14} \\ &:= (2 + 6 + 8 + 4 + 35 - 45 - 6)^{14} \\ &:= (26 - 84 - 3 + 54 + 5 + 6)^{14} \\ &:= (26 - 84 - 3 + 5 + 4 + 56)^{14} \\ &:= (26 - 8 + 43 - 5 + 4 - 56)^{14} \\ &:= (2 - 68 - 4 + 35 + 45 - 6)^{14} \\ &:= (-26 - 8 - 4 + 35 - 4 + 5 + 6)^{14} \\ &:= (2 + 68 - 4 + 3 - 54 - 5 - 6)^{14} \\ &:= (2 + 68 - 4 + 3 - 5 - 4 - 56)^{14} \end{aligned}$$

$$\begin{aligned} 268435456 &:= (-2 - 6 + 84 - 3 - 5 + 4 - 56)^7 \\ &:= (2 + 6 + 8 - 43 + 54 - 5 - 6)^7 \\ &:= (2 - 6 + 8 - 43 - 5 + 4 + 56)^7 \\ &:= (2 + 6 + 8 - 4 - 35 + 45 - 6)^7 \\ &:= (-26 + 84 - 35 + 4 - 5 - 6)^7 \\ &:= (2 - 68 - 4 + 35 + 45 + 6)^7 \\ &:= (26 - 84 + 35 + 45 - 6)^7 \\ &:= (2 + 68 + 4 - 3 + 5 - 4 - 56)^7 \\ &:= (-26 + 8 + 4 + 35 - 4 + 5 - 6)^7 \\ &:= (-26 + 8 - 4 + 35 + 4 + 5 - 6)^7 \\ &:= (-26 - 8 - 4 - 3 + 5 - 4 + 56)^7 \\ &:= (2 + 68 - 4 - 35 - 4 - 5 - 6)^7 \\ &:= (2 + 68 - 4 - 3 + 5 + 4 - 56)^7 \end{aligned}$$

$$\begin{aligned}
268435456 &:= (2 + 68 - 4 - 3 + 54 + 5 + 6)^4 \\
&:= (-2 - 6 + 84 - 3 - 5 + 4 + 56)^4 \\
&:= (-2 + 684 - 3 - 545 - 6)^4 \\
&:= (-268 + 435 - 45 + 6)^4
\end{aligned}$$

$$\begin{aligned}
269586136 &:= (2 + 695 - 86 - 1 + 36)^3 \\
&:= (-2 + 69 + 586 - 13 + 6)^3
\end{aligned}$$

$$270840023 := (2 + 708 - 40 - 023)^3$$

$$272097792 := (-27 - 20 - 97 + 792)^3$$

$$\begin{aligned}
273359449 &:= (2 + 733 - 5 - 94 + 4 + 9)^3 \\
&:= (-2 + 73 - 3 + 594 - 4 - 9)^3 \\
&:= (27 + 33 + 594 + 4 - 9)^3 \\
&:= (-27 + 33 + 594 + 49)^3
\end{aligned}$$

$$\begin{aligned}
276922881 &:= (27 + 6 + 9 + 2 - 2 + 88 - 1)^4 \\
&:= (-2 - 7 + 69 - 2 - 2 - 8 + 81)^4 \\
&:= (27 + 69 - 2 + 28 + 8 - 1)^4 \\
&:= (-27 + 69 - 2 + 2 + 88 - 1)^4 \\
&:= (2 + 7 + 69 - 22 - 8 + 81)^4 \\
&:= (2 + 7 + 69 - 2 - 28 + 81)^4
\end{aligned}$$

$$\begin{aligned}
282475249 &:= (2 + 8 + 2 + 4 + 7 - 5 + 2 - 4 - 9)^{10} \\
&:= (28 + 2 + 4 - 7 - 5 - 2 - 4 - 9)^{10} \\
&:= (2 + 8 - 2 - 4 - 7 - 5 + 24 - 9)^{10} \\
&:= (28 - 24 - 7 - 5 + 2 + 4 + 9)^{10} \\
&:= (2 + 8 - 247 - 5 + 249)^{10} \\
&:= (2 + 8 - 24 - 7 - 5 + 24 + 9)^{10} \\
&:= (28 + 24 + 7 - 5 + 2 - 49)^{10} \\
&:= (-28 - 2 + 47 + 5 - 24 + 9)^{10}
\end{aligned}$$

$$\begin{aligned}
282475249 &:= (2 - 8 + 2 + 4 + 7 - 5 - 2 + 49)^5 \\
&:= (2 + 8 + 24 + 7 + 5 - 2 - 4 + 9)^5 \\
&:= (2 + 8 + 2 + 47 + 5 - 2 - 4 - 9)^5 \\
&:= (28 + 24 + 7 + 5 - 2 - 4 - 9)^5 \\
&:= (2 + 82 - 47 + 5 + 2 - 4 + 9)^5 \\
&:= (2 + 82 - 4 + 7 - 5 - 24 - 9)^5 \\
&:= (2 - 8 + 24 - 7 + 5 + 24 + 9)^5 \\
&:= (2 + 8 + 2 + 47 + 5 - 24 + 9)^5 \\
&:= (28 - 24 - 7 + 5 - 2 + 49)^5 \\
&:= (28 + 2 + 47 + 5 - 24 - 9)^5 \\
&:= (282 + 4 + 7 + 5 - 249)^5
\end{aligned}$$

$$\begin{aligned}
283593393 &:= (-283 - 5 + 933 + 9 + 3)^3 \\
286191179 &:= (-28 + 619 - 11 + 79)^3 \\
288804781 &:= (-28 - 88 - 04 + 781)^3 \\
294499921 &:= (2 + 94 - 49 - 9 + 92 + 1)^4
\end{aligned}$$

$$\begin{aligned}
296740963 &:= (2 + 9 + 674 - 09 - 6 - 3)^3 \\
&:= (2 - 9 + 6 + 740 - 9 - 63)^3
\end{aligned}$$

$$\begin{aligned}
298077632 &:= (-2 - 98 + 07 + 763 - 2)^3 \\
&:= (-29 - 80 + 776 + 3 - 2)^3
\end{aligned}$$

$$\begin{aligned}
299418309 &:= (29 + 941 + 8 - 309)^3 \\
&:= (2 + 994 - 18 - 309)^3
\end{aligned}$$

$$\begin{aligned}
302111711 &:= (-30 + 2 - 11 - 1 + 711)^3 \\
&:= (-30 - 21 + 11 + 711)^3
\end{aligned}$$

$$\begin{aligned}
&:= (30 + 35 + 9 + 57 + 7 - 6)^4 \\
&:= (3 - 035 + 95 - 7 + 76)^4 \\
&:= (303 - 5 - 95 - 77 + 6)^4
\end{aligned}$$

$$\begin{aligned}
307546875 &:= (-3 + 0754 + 6 - 87 + 5)^3 \\
&:= (30 + 7 - 54 + 687 + 5)^3
\end{aligned}$$

$$\begin{aligned}
308915776 &:= (3 + 08 - 9 - 1 + 5 + 7 + 7 + 6)^6 \\
&:= (30 - 8 + 9 + 15 - 7 - 7 - 6)^6 \\
&:= (-30 + 8 - 9 + 1 + 57 - 7 + 6)^6 \\
&:= (3 + 08 + 91 - 5 - 77 + 6)^6 \\
&:= (-308 + 915 - 7 + 76)^3
\end{aligned}$$

$$\begin{aligned}
311665752 &:= (3 + 1 - 1 + 665 + 7 + 5 - 2)^3 \\
&:= (31 - 1 - 6 + 657 - 5 + 2)^3 \\
&:= (-3 + 1 + 16 + 657 + 5 + 2)^3 \\
&:= (-3 + 1 - 1 - 66 - 5 + 752)^3 \\
&:= (-3 + 1 - 1 - 6 - 65 + 752)^3 \\
&:= (-31 - 1 + 665 - 7 + 52)^3
\end{aligned}$$

$$312500000 := (3 - 1 - 2 + 50 + 0000)^5$$

$$312900721 := (31 - 2 + 90 - 07 + 21)^4$$

$$:= (312 - 900 + 721)^4$$

$$313046839 := (3 + 1 - 3 + 04 + 683 - 9)^3$$

$$:= (31 - 30 + 4 + 683 - 9)^3$$

$$317214568 := (3 + 1 + 721 - 45 - 6 + 8)^3$$

$$318611987 := (3 - 1 - 8 + 611 - 9 + 87)^3$$

$$322417936 := (3 + 22 + 4 - 1 + 7 + 93 + 6)^4$$

$$:= (3 - 2 - 2 + 41 + 7 + 93 - 6)^4$$

$$:= (32 + 2 - 4 + 17 + 93 - 6)^4$$

$$:= (3 + 224 - 1 + 7 - 93 - 6)^4$$

$$:= (-3 + 2 + 241 - 7 - 93 - 6)^4$$

$$324242703 := (32 - 42 - 4 - 2 + 703)^3$$

$$325660672 := (-3 + 2 + 5 + 6 + 6 + 0672)^3$$

$$:= (32 - 5 + 660 + 6 - 7 + 2)^3$$

$$:= (3 + 25 - 6 - 6 + 0672)^3$$

$$:= (-3 + 2 + 5 + 6 + 606 + 72)^3$$

$$:= (-32 - 5 + 660 + 67 - 2)^3$$

$$327082769 := (3 + 2 + 708 - 2 - 7 - 6 - 9)^3$$

$$:= (3 + 2 + 708 - 27 - 6 + 9)^3$$

$$:= (-3 - 2 + 7 - 082 + 769)^3$$

$$:= (3 - 2 - 70 + 827 - 69)^3$$

$$330621489 := (-3306 + 21489)^2$$

$$331373888 := (-33 - 13 + 738 + 8 - 8)^3$$

$$332150625 := (-3 + 32 - 1 + 50 + 62 - 5)^4$$

$$:= (3 + 3 - 2 + 150 + 6 - 25)^4$$

$$337153536 := (3 - 3 + 7 + 153 + 536)^3$$

$$338608873 := (3 - 3 + 8 + 608 + 8 + 73)^3$$

$$342102016 := (-3 + 42 + 102 + 01 - 6)^4$$

$$:= (342 + 1 - 0201 - 6)^4$$

$$345025251 := (3 + 45 + 02 + 5 + 2 - 5 - 1)^5$$

$$:= (3 + 4 - 5 + 025 + 25 - 1)^5$$

$$:= (34 + 50 - 25 - 2 - 5 - 1)^5$$

$$:= (3 + 45 + 02 + 52 - 51)^5$$

$$348913664 := (3 + 48 - 9 + 1 - 3 + 664)^3$$

$$351895816 := (-3 - 5 + 1 - 8 - 95 + 816)^3$$

$$352275361 := (3 + 5 - 2 - 2 + 75 - 3 + 61)^4$$

$$:= (3 + 5 + 22 - 7 + 53 + 61)^4$$

$$:= (3 - 5 - 2 + 27 + 53 + 61)^4$$

$$:= (3 + 5 - 227 - 5 + 361)^4$$

$$:= (3 - 5227 + 5361)^4$$

$$360944128 := (-360 + 944 + 128)^3$$

$$361190025 := (3 + 6 - 1 + 19002 - 5)^2$$

$$362467097 := (3 + 6 - 2 - 4 - 6 + 709 + 7)^3$$

$$:= (-3 + 624 + 6 + 70 + 9 + 7)^3$$

$$:= (-3 + 6 + 24 + 670 + 9 + 7)^3$$

$$362673936 := (3 + 62 - 6 + 73 + 9 + 3 - 6)^4$$

$$:= (-3 + 62 - 6 + 73 + 9 - 3 + 6)^4$$

$$:= (3 + 6 + 26 + 7 - 3 + 93 + 6)^4$$

$$362797056 := (36 - 27 - 9 + 7 + 05 - 6)^{11}$$

$$:= (-3 - 62 + 79 - 7 + 05 - 6)^{11}$$

$$:= (3 - 62 - 7 - 9 + 70 + 5 + 6)^{11}$$

$$:= (3 - 62 + 7 + 9 - 7 + 056)^{11}$$

$$:= (3 - 62 + 79 - 70 + 56)^{11}$$

$$363994344 := (-3 + 639 - 9 + 43 + 44)^3$$

$$:= (-3639 + 9 + 4344)^3$$

$$365525875 := (3 + 655 - 25 + 87 - 5)^3$$

$$:= (365 - 525 + 875)^3$$

$$367061696 := (3 + 6 + 706 + 16 - 9 - 6)^3$$

$$:= (3 - 6 + 7 + 0616 + 96)^3$$

$$368601813 := (-3 - 6 - 86 - 01 + 813)^3$$

$$370146232 := (-3 + 701 - 4 - 6 - 2 + 32)^3$$

$$\begin{aligned} 371694959 &:= (3 + 716 + 9 - 4 + 9 - 5 - 9)^3 \\ &:= (37 + 1 + 694 - 9 + 5 - 9)^3 \end{aligned}$$

$$374805361 := (3 + 748 + 05 - 36 + 1)^3$$

$$\begin{aligned} 376367048 &:= (37 + 6 - 3 + 670 + 4 + 8)^3 \\ &:= (-3 + 7 + 636 + 70 + 4 + 8)^3 \\ &:= (3 - 7 - 6 + 36 + 704 - 8)^3 \\ &:= (37 + 63 + 670 - 48)^3 \end{aligned}$$

$$\begin{aligned} 380204032 &:= (3 + 8 + 02 + 040 - 3 + 2)^5 \\ &:= (-3 + 80 - 20 - 4 - 03 + 2)^5 \end{aligned}$$

$$\begin{aligned} 381078125 &:= (-3 + 810 - 78 - 1 + 2 - 5)^3 \\ 382657176 &:= (3 + 82 - 6 + 571 + 76)^3 \\ 384160000 &:= (-3 + 84 - 1 + 60 + 000)^4 \end{aligned}$$

$$\begin{aligned} 384240583 &:= (3 + 842 - 40 + 5 - 83)^3 \\ &:= (384 - 240 + 583)^3 \end{aligned}$$

$$385828352 := (3 + 858 + 2 - 83 - 52)^3$$

$$\begin{aligned} 387420489 &:= (3 + 8 + 7 + 4 + 2 - 04 - 8 - 9)^{18} \\ &:= (-3 - 8 - 7 + 42 - 04 - 8 - 9)^{18} \\ &:= (-3 + 8 - 7 + 4 - 20 + 4 + 8 + 9)^{18} \\ &:= (3 + 87 + 4 + 2 - 04 - 89)^{18} \\ &:= (3 + 8 + 7 + 42 - 048 - 9)^{18} \\ &:= (3 - 8 - 7 - 4 - 20 + 48 - 9)^{18} \\ &:= (-38 + 74 - 20 + 4 - 8 - 9)^{18} \\ &:= (3 + 8 + 7 + 4 + 20 - 48 + 9)^{18} \\ &:= (-3 + 87 - 42 - 048 + 9)^{18} \\ &:= (-3 + 87 - 4 - 20 - 48 - 9)^{18} \end{aligned}$$

$$\begin{aligned} 387420489 &:= (3 + 87 - 42 - 048 + 9)^9 \\ &:= (3 + 87 - 4 - 20 - 48 - 9)^9 \\ &:= (3 - 8 - 7 + 4 + 20 - 4 - 8 + 9)^9 \\ &:= (3 - 8 - 7 + 42 - 04 - 8 - 9)^9 \\ &:= (3 - 8 + 7 + 4 - 2 + 04 - 8 + 9)^9 \end{aligned}$$

$$\begin{aligned} 387420489 &:= (3 + 8 + 7 + 4 + 2 + 04 + 8 - 9)^6 \\ &:= (3 - 8 - 7 + 42 - 04 - 8 + 9)^6 \\ &:= (-3 - 8 - 7 + 4 + 20 + 4 + 8 + 9)^6 \\ &:= (-3 - 8 - 7 + 4 + 2 + 048 - 9)^6 \\ &:= (3 + 87 - 42 - 04 - 8 - 9)^6 \\ &:= (3 + 87 - 4 - 2 - 048 - 9)^6 \\ &:= (3 + 8 - 7 + 4 - 20 + 48 - 9)^6 \\ &:= (3 + 87 - 4 - 20 - 48 + 9)^6 \\ &:= (-3 - 87 + 4 + 20 + 4 + 89)^6 \\ &:= (3 - 87 - 4 + 204 - 89)^6 \end{aligned}$$

$$389017000 := (38 - 9 + 01 + 700 + 0)^3$$

$$\begin{aligned} 393832837 &:= (3 - 9 - 3 + 832 - 83 - 7)^3 \\ &:= (393 + 8 + 328 - 3 + 7)^3 \end{aligned}$$

$$\begin{aligned} 395254161 &:= (3 + 95 + 2 - 5 + 41 + 6 - 1)^4 \\ &:= (-3 + 95 - 2 - 5 - 4 - 1 + 61)^4 \\ &:= (39 + 52 + 54 + 1 - 6 + 1)^4 \\ &:= (-3 + 9 - 5 - 25 + 4 + 161)^4 \\ &:= (-395 + 2 + 541 - 6 - 1)^4 \\ &:= (-3 - 95 + 254 - 16 + 1)^4 \end{aligned}$$

$$395446904 := (-3 + 95 - 44 + 690 - 4)^3$$

$$\begin{aligned} 397065375 &:= (39 + 706 + 5 - 3 - 7 - 5)^3 \\ &:= (-3 + 97 + 0653 - 7 - 5)^3 \\ &:= (-3 - 9 + 706 + 53 - 7 - 5)^3 \end{aligned}$$

$$\begin{aligned} 398688256 &:= (39 + 8 + 688 + 2 + 5 - 6)^3 \\ &:= (-3 + 9 + 868 - 82 - 56)^3 \\ &:= (398 - 6 + 88 + 256)^3 \end{aligned}$$

$$399920004 := (3 + 9 - 9 - 9 + 20004)^2$$

$$\begin{aligned} 406586896 &:= (40 + 6 + 5 + 86 + 8 - 9 + 6)^4 \\ &:= (4 + 065 + 8 + 68 - 9 + 6)^4 \\ &:= (-4 + 065 - 8 - 6 + 89 + 6)^4 \\ &:= (-4 + 06 + 58 - 6 - 8 + 96)^4 \\ &:= (-40 + 6 - 5 + 86 + 89 + 6)^4 \end{aligned}$$

$$\begin{aligned} 406869021 &:= (40 + 6 + 8 + 690 - 2 - 1)^3 \\ &:= (4 + 068 + 690 - 21)^3 \end{aligned}$$

$$\begin{aligned}
410338673 &:= (4 + 1 + 03 + 3 + 8 - 6 + 7 - 3)^7 \\
&:= (41 + 03 - 3 - 8 - 6 - 7 - 3)^7 \\
&:= (4 - 10 + 33 - 8 - 6 + 7 - 3)^7 \\
&:= (-4 - 10 + 3 + 38 - 6 - 7 + 3)^7 \\
&:= (4 + 103 - 3 - 8 - 6 - 73)^7 \\
&:= (4 - 10 - 33 - 8 + 67 - 3)^7 \\
&:= (-4 + 1 + 033 - 86 + 73)^7 \\
&:= (410 + 3 - 386 - 7 - 3)^7 \\
&:= (410 - 3 - 386 - 7 + 3)^7
\end{aligned}$$

$$\begin{aligned}
411830784 &:= (-4 + 1 - 1 + 830 - 78 - 4)^3 \\
&:= (-4 + 1 + 1 - 8 - 30 + 784)^3
\end{aligned}$$

$$416832723 := (-4 + 1 + 683 - 2 + 72 - 3)^3$$

$$\begin{aligned}
418161601 &:= (-4 + 1 - 8 + 161 - 6 - 01)^4 \\
&:= (-4 + 1 - 8 + 1 - 6 + 160 - 1)^4 \\
&:= (41 + 81 + 6 + 16 - 01)^4 \\
&:= (4 + 18 - 1 + 61 + 60 + 1)^4
\end{aligned}$$

$$\begin{aligned}
418195493 &:= (-4 - 1 + 8 - 1 + 9 + 54 - 9 - 3)^5 \\
&:= (4 + 1 + 8 + 1 - 9 + 54 - 9 + 3)^5 \\
&:= (41 + 8 + 19 - 5 - 4 - 9 + 3)^5 \\
&:= (-41 + 8 - 1 + 95 + 4 - 9 - 3)^5 \\
&:= (-41 + 8 + 1 - 9 + 5 - 4 + 93)^5 \\
&:= (4 + 18 - 1 - 9 - 5 + 49 - 3)^5 \\
&:= (4 + 1 + 81 + 9 - 54 + 9 + 3)^5
\end{aligned}$$

$$\begin{aligned}
418195493 &:= (4 - 1 + 8 - 1 + 95 - 49 - 3)^5 \\
&:= (41 - 81 + 95 + 4 - 9 + 3)^5 \\
&:= (41 - 81 + 9 - 5 - 4 + 93)^5 \\
&:= (4 - 18 + 19 + 54 - 9 + 3)^5 \\
&:= (4 - 1 - 8 + 19 - 54 + 93)^5 \\
&:= (41 - 8 - 19 - 54 + 93)^5
\end{aligned}$$

$$418508992 := (4 - 1 + 850 - 8 - 99 + 2)^3$$

$$\begin{aligned}
420189749 &:= (4 - 2 - 01 + 8 - 9 + 749)^3 \\
&:= (4 - 20 - 1 + 8 + 9 + 749)^3 \\
&:= (4 - 201 + 897 + 49)^3
\end{aligned}$$

$$422055936 := (-4 - 2 + 20559 - 3 - 6)^2$$

$$423564751 := (4 - 2 + 3 + 5 - 6 - 4 + 751)^3$$

$$\begin{aligned}
428661064 &:= (-4 + 2 + 866 - 106 - 4)^3 \\
&:= (-4 - 2 + 86 + 610 + 64)^3
\end{aligned}$$

$$\begin{aligned}
429981696 &:= (4 + 2 + 9 + 9 + 8 + 1 - 6 - 9 - 6)^8 \\
&:= (42 + 9 - 9 - 8 - 1 - 6 - 9 - 6)^8 \\
&:= (4 + 29 + 9 - 8 - 1 - 6 - 9 - 6)^8 \\
&:= (42 + 9 + 9 + 81 + 6 - 9 + 6)^4 \\
&:= (-42 + 9 - 9 - 8 - 1 + 69 - 6)^8 \\
&:= (4 + 2 + 99 + 8 + 1 - 6 - 96)^8 \\
&:= (4 - 2 - 99 + 8 - 1 + 6 + 96)^8 \\
&:= (4 + 2 + 9 + 98 + 1 - 6 - 96)^8 \\
&:= (-4 + 2 + 9 - 98 + 1 + 6 + 96)^8 \\
&:= (4 + 2 + 9 - 9 + 81 - 69 - 6)^8 \\
&:= (-4 - 2 + 9 - 9 + 81 - 69 + 6)^8 \\
&:= (-42 - 9 - 9 - 8 - 16 + 96)^8
\end{aligned}$$

$$\begin{aligned}
429981696 &:= (4 + 2 - 9 - 9 + 81 + 69 + 6)^4 \\
&:= (42 - 9 + 98 + 16 - 9 + 6)^4 \\
&:= (42 - 9 - 9 + 8 + 16 + 96)^4 \\
&:= (4 + 29 + 98 + 16 - 9 + 6)^4 \\
&:= (4 + 29 - 9 + 8 + 16 + 96)^4 \\
&:= (429 - 981 + 696)^4
\end{aligned}$$

$$432081216 := (-43 - 20 + 812 + 1 + 6)^3$$

$$433798093 := (4 - 33 + 798 - 09 - 3)^3$$

$$437245479 := (-43 + 724 - 5 + 4 + 79)^3$$

$$437520889 := (-4 + 37 - 5 + 20889)^2$$

$$438976000 := (4 - 3 + 8 - 9 + 760 + 00)^3$$

$$442050625 := (-4 + 42 + 050 + 62 - 5)^4$$

$$442450728 := (4 + 4 - 24 + 50 + 728)^3$$

$$\begin{aligned}
447697125 &:= (44 + 7 + 6 - 9 + 712 + 5)^3 \\
&:= (4 + 47 + 6 - 9 + 712 + 5)^3
\end{aligned}$$

$$451217663 := (4 + 5 - 12 + 1 + 766 + 3)^3$$

$$\begin{aligned}
452984832 &:= (-45 + 2 - 9 - 8 - 4 + 832)^3 \\
&:= (4 + 5 + 2 + 9 - 84 + 832)^3
\end{aligned}$$

$$\begin{aligned}
454371856 &:= (4 + 54 + 3 + 7 - 1 + 85 - 6)^4 \\
&:= (-4 - 5 - 4 - 3 + 71 + 85 + 6)^4 \\
&:= (45 + 43 - 7 + 1 + 8 + 56)^4 \\
&:= (-45 + 4 + 3 - 7 + 185 + 6)^4 \\
&:= (-4 - 5 - 43 + 7 + 185 + 6)^4
\end{aligned}$$

$$458314011 := (-45 + 831 - 4 - 011)^3$$

$$\begin{aligned}
459165024 &:= (45 + 9 + 1 + 6 - 5 + 02 - 4)^5 \\
&:= (45 - 9 + 1 + 6 + 5 + 02 + 4)^5 \\
&:= (4 - 5 - 9 + 1 + 65 + 02 - 4)^5 \\
&:= (4 + 59 - 16 + 5 - 02 + 4)^5 \\
&:= (4 + 5 + 91 + 6 - 50 + 2 - 4)^5 \\
&:= (4 - 5 - 9 + 16 + 50 + 2 - 4)^5 \\
&:= (-45 + 9 + 1 + 65 + 024)^5 \\
&:= (-459 + 1 + 6 + 502 + 4)^5 \\
&:= (-45 + 9 + 16 + 50 + 24)^5
\end{aligned}$$

$$\begin{aligned}
461889917 &:= (-46 - 1 - 88 - 9 + 917)^3 \\
&:= (-46 - 1 - 8 - 89 + 917)^3 \\
&:= (-4 - 61 - 88 + 9 + 917)^3
\end{aligned}$$

$$\begin{aligned}
463684824 &:= (4 - 6 - 36 - 8 - 4 + 824)^3 \\
&:= (4 - 6 + 36 - 84 + 824)^3
\end{aligned}$$

$$\begin{aligned}
465484375 &:= (4 - 6 - 54 + 843 - 7 - 5)^3 \\
&:= (4 - 6 + 5 + 4 + 843 - 75)^3
\end{aligned}$$

$$\begin{aligned}
466948881 &:= (-4 + 66 + 94 + 8 - 8 - 8 - 1)^4 \\
&:= (-46 - 694 + 888 - 1)^4
\end{aligned}$$

$$\begin{aligned}
467288576 &:= (46 + 728 + 8 - 5 - 7 + 6)^3 \\
469097433 &:= (4 + 690 + 9 + 74 + 3 - 3)^3 \\
472729139 &:= (47 - 2 + 729 - 1 - 3 + 9)^3 \\
476379541 &:= (4 + 763 + 7 + 9 - 5 + 4 - 1)^3
\end{aligned}$$

$$\begin{aligned}
478211768 &:= (-47 + 821 - 1 + 7 - 6 + 8)^3 \\
&:= (4 + 782 - 11 - 7 + 6 + 8)^3 \\
&:= (4 - 7 + 8 - 2 + 11 + 768)^3
\end{aligned}$$

$$\begin{aligned}
479785216 &:= (47 + 97 + 8 + 5 - 2 - 1 - 6)^4 \\
&:= (-4 + 79 - 7 + 85 + 2 - 1 - 6)^4 \\
&:= (47 - 9 + 78 + 5 + 21 + 6)^4 \\
&:= (47 + 9 - 7 + 85 - 2 + 16)^4 \\
&:= (4 + 79 + 78 + 5 - 2 - 16)^4 \\
&:= (4 + 79 + 7 + 85 - 21 - 6)^4 \\
&:= (4 + 7 - 9 + 78 + 52 + 16)^4
\end{aligned}$$

$$\begin{aligned}
480048687 &:= (4 + 800 - 4 - 8 + 6 - 8 - 7)^3 \\
&:= (-4 + 800 + 48 - 68 + 7)^3
\end{aligned}$$

$$\begin{aligned}
481890304 &:= (4 + 8 + 18 - 9 + 03 + 04)^6 \\
&:= (4 + 8 - 1 - 8 - 9 + 030 + 4)^6 \\
&:= (48 - 18 - 9 + 03 + 04)^6 \\
&:= (4 - 81 + 8 + 90 + 3 + 04)^6 \\
&:= (481 + 8 - 9 + 0304)^3
\end{aligned}$$

$$\begin{aligned}
483736625 &:= (4 + 837 + 3 - 66 + 2 + 5)^3 \\
&:= (48 - 3 + 73 + 662 + 5)^3
\end{aligned}$$

$$484220025 := (4 + 8 - 4 + 22002 - 5)^2$$

$$\begin{aligned}
485587656 &:= (4 + 855 - 8 - 76 + 5 + 6)^3 \\
&:= (-48 + 55 + 8 + 765 + 6)^3 \\
&:= (-4 - 8 + 55 + 87 + 656)^3
\end{aligned}$$

$$\begin{aligned}
487443403 &:= (4 + 8 + 744 + 34 - 03)^3 \\
489303872 &:= (4 + 8 - 93 - 03 + 872)^3 \\
491169069 &:= (4 + 91 + 1 + 690 - 6 + 9)^3
\end{aligned}$$

$$\begin{aligned}
492884401 &:= (4 + 92 + 8 + 8 - 4 + 40 + 1)^4 \\
&:= (4 + 92 + 88 + 4 - 40 + 1)^4
\end{aligned}$$

$$494913671 := (-49 + 4 + 913 - 6 - 71)^3$$

$$\begin{aligned}
496793088 &:= (-4 + 9 - 6 + 793 + 08 - 8)^3 \\
&:= (-49 + 6 - 7 + 930 - 88)^3 \\
&:= (4 - 9 + 679 + 30 + 88)^3
\end{aligned}$$

$$\begin{aligned}
498677257 &:= (4 - 9 + 8 + 6 + 772 + 5 + 7)^3 \\
&:= (-49 + 867 + 7 - 25 - 7)^3
\end{aligned}$$

$$\begin{aligned}
503284375 &:= (5 + 03 - 2 + 8 + 43 - 7 + 5)^5 \\
&:= (50 + 32 - 8 - 4 - 3 - 7 - 5)^5 \\
&:= (5 - 032 + 8 - 4 + 3 + 75)^5 \\
&:= (50 - 32 - 8 + 43 + 7 - 5)^5 \\
&:= (50 - 3 + 2 + 84 - 3 - 75)^5 \\
&:= (503 + 2 - 8 - 437 - 5)^5
\end{aligned}$$

$$\begin{aligned}
504358336 &:= (5 - 043 - 5 + 833 + 6)^3 \\
&:= (-5043 + 5833 + 6)^3
\end{aligned}$$

$$510082399 := (-5 - 1 + 00823 - 9 - 9)^3$$

$$\begin{aligned}
517781627 &:= (5 - 1 + 7 + 781 + 6 - 2 + 7)^3 \\
&:= (5 + 1 - 7 - 7 + 816 + 2 - 7)^3 \\
&:= (5 - 1 + 778 + 16 - 2 + 7)^3 \\
&:= (-5 + 1 - 7 + 781 + 6 + 27)^3
\end{aligned}$$

$$\begin{aligned}
519885601 &:= (51 + 98 - 8 + 5 + 6 - 01)^4 \\
&:= (5 + 1 + 98 - 8 + 56 - 01)^4 \\
&:= (5 + 1 - 9 + 88 + 5 + 60 + 1)^4 \\
&:= (5 + 1 + 9 - 8 + 85 + 60 - 1)^4
\end{aligned}$$

$$\begin{aligned}
521660125 &:= (-5 + 216 + 601 - 2 - 5)^3 \\
522853956 &:= (5 + 22853 + 9 + 5 - 6)^2 \\
525557943 &:= (-5 + 25 - 5 - 5 + 794 + 3)^3 \\
527514112 &:= (52 + 751 - 4 + 11 - 2)^3 \\
529230025 &:= (5 + 2 - 9 + 23002 + 5)^2
\end{aligned}$$

$$\begin{aligned}
529475129 &:= (52 + 9 + 4 + 751 + 2 - 9)^3 \\
&:= (5 + 294 + 7 + 512 - 9)^3 \\
&:= (-5 - 2 + 94 + 751 - 29)^3
\end{aligned}$$

$$\begin{aligned}
533794816 &:= (53 + 3 + 79 + 4 + 8 - 1 + 6)^4 \\
&:= (5 + 33 + 7 + 94 + 8 - 1 + 6)^4 \\
&:= (5 + 3 + 37 + 94 + 8 - 1 + 6)^4 \\
&:= (53 + 37 + 9 + 48 - 1 + 6)^4 \\
&:= (53 + 37 - 9 - 4 + 81 - 6)^4 \\
&:= (5 + 3 - 37 + 94 + 81 + 6)^4 \\
&:= (5 - 337 + 9 + 481 - 6)^4
\end{aligned}$$

$$\begin{aligned}
535387328 &:= (-53 + 5 - 3 + 873 - 2 - 8)^3 \\
&:= (5 - 3 - 53 + 873 - 2 - 8)^3 \\
&:= (5 - 35 - 3 + 873 - 28)^3
\end{aligned}$$

$$\begin{aligned}
536870912 &:= (5 - 3 + 6 + 8 + 7 - 09 - 12)^{29} \\
&:= (53 - 68 + 7 + 09 - 1 + 2)^{29} \\
&:= (-5 + 3 + 68 - 70 + 9 - 1 - 2)^{29} \\
&:= (5 + 3 - 68 + 70 - 9 - 1 + 2)^{29} \\
&:= (5 - 3 + 6 + 87 - 091 - 2)^{29} \\
&:= (5 - 3 - 6 - 87 + 091 + 2)^{29} \\
&:= (53 + 6 - 8 - 70 + 9 + 12)^{29}
\end{aligned}$$

$$\begin{aligned}
537367797 &:= (-5 + 37 + 3 + 6 + 779 - 7)^3 \\
&:= (-5 + 37 - 3 - 6 - 7 + 797)^3 \\
&:= (5 - 3 + 736 + 77 - 9 + 7)^3 \\
&:= (-5 + 3 + 7 + 36 + 779 - 7)^3 \\
&:= (5 + 37 - 3 + 677 + 97)^3
\end{aligned}$$

$$539353144 := (539 - 35 + 314 - 4)^3$$

$$\begin{aligned}
543338496 &:= (5 + 4 - 33 - 3 + 849 - 6)^3 \\
&:= (5 + 4 - 3 - 33 + 849 - 6)^3
\end{aligned}$$

$$545338513 := (5 - 4 - 5 - 33 + 851 + 3)^3$$

$$\begin{aligned}
547981281 &:= (54 + 7 + 98 + 1 + 2 - 8 - 1)^4 \\
&:= (5 + 4 - 7 - 9 + 81 - 2 + 81)^4 \\
&:= (54 + 79 - 8 + 1 + 28 - 1)^4 \\
&:= (54 + 7 - 9 + 8 + 12 + 81)^4 \\
&:= (5 + 47 + 98 + 12 - 8 - 1)^4 \\
&:= (5 + 47 - 9 + 81 + 28 + 1)^4 \\
&:= (-547 + 981 - 281)^4
\end{aligned}$$

$$549353259 := (5 + 493 + 5 + 325 - 9)^3$$

$$\begin{aligned}
550731776 &:= (55 + 07 + 3 - 1 - 7 - 7 + 6)^5 \\
&:= (5 + 50 + 7 + 3 - 1 - 7 - 7 + 6)^5 \\
&:= (-5 - 5 + 073 - 1 + 7 - 7 - 6)^5 \\
&:= (5 + 5 + 07 + 31 + 7 + 7 - 6)^5 \\
&:= (55 + 073 - 1 - 77 + 6)^5 \\
&:= (-5 + 50 - 73 + 1 + 7 + 76)^5
\end{aligned}$$



$$551368000 := (55 + 1 - 36 + 800 + 0)^3$$

$$553387661 := (5 - 5 + 3 + 3 + 876 - 61)^3$$

$$559476224 := (55 + 9 + 4 + 762 - 2 - 4)^3$$

$$:= (5 + 59 + 4 + 762 - 2 - 4)^3$$

$$:= (-55 + 947 - 62 - 2 - 4)^3$$

$$:= (5 + 594 + 7 - 6 + 224)^3$$

$$:= (559 + 47 - 6 + 224)^3$$

$$562448656 := (5 + 62 + 4 - 4 + 86 - 5 + 6)^4$$

$$:= (5 + 62 - 4 + 4 + 86 - 5 + 6)^4$$

$$:= (-5 - 6 + 244 - 8 - 65 - 6)^4$$

$$:= (5 + 624 - 486 + 5 + 6)^4$$

$$:= (-56 + 2 - 448 + 656)^4$$

$$563559976 := (-56 - 35 - 59 + 976)^3$$

$$569722789 := (56 - 9 - 7 + 2 - 2 + 789)^3$$

$$569722789 := (569 - 7 - 2 + 278 - 9)^3$$

$$571787000 := (-57 + 17 + 870 + 00)^3$$

$$573856191 := (5 - 7 - 3 + 856 - 19 - 1)^3$$

$$575930368 := (5 + 759 + 3 - 03 + 68)^3$$

$$:= (5 - 75 + 930 - 36 + 8)^3$$

$$576240025 := (-5 + 7 + 6 + 24002 - 5)^2$$

$$577200625 := (-57 - 7 + 200 - 6 + 25)^4$$

$$578009537 := (57 + 800 - 9 - 5 - 3 - 7)^3$$

$$:= (-5 + 780 + 095 - 37)^3$$

$$582182875 := (-5 - 8 - 21 - 8 + 2 + 875)^3$$

$$:= (-58 + 2 + 18 - 2 + 875)^3$$

$$584277056 := (5 + 842 + 7 - 7 - 05 - 6)^3$$

$$:= (-5 + 84 - 2 + 770 - 5 - 6)^3$$

$$586376253 := (-5 + 863 + 7 - 6 - 25 + 3)^3$$

$$:= (586 - 3 + 7 - 6 + 253)^3$$

$$:= (-5 + 863 - 76 + 2 + 53)^3$$

$$588480472 := (-5 + 884 + 8 - 047 - 2)^3$$

$$:= (58 + 848 + 04 - 72)^3$$

$$590589719 := (-5 + 905 - 8 + 9 - 71 + 9)^3$$

$$592240896 := (-59 - 2 + 240 - 8 - 9 - 6)^4$$

$$:= (5 + 92 - 24 + 089 - 6)^4$$

$$594823321 := (5 + 9 + 4 + 8 + 2 + 3 - 3 + 2 - 1)^6$$

$$:= (-5 - 9 + 48 - 2 + 3 - 3 - 2 - 1)^6$$

$$:= (5 - 9 + 4 + 8 + 23 - 3 + 2 - 1)^6$$

$$:= (5 + 9 + 4 - 8 - 2 + 3 - 3 + 21)^6$$

$$:= (59 - 4 + 8 + 2 - 33 - 2 - 1)^6$$

$$:= (-5 + 9 + 48 - 23 + 3 - 2 - 1)^6$$

$$:= (-5 - 9 + 4 - 8 + 23 + 3 + 21)^6$$

$$:= (5 - 94 + 82 + 33 + 2 + 1)^6$$

$$:= (-5 + 94 - 8 + 2 - 33 - 21)^6$$

$$:= (-5 - 9 + 48 - 23 - 3 + 21)^6$$

$$:= (5 + 94 - 82 + 33 - 21)^6$$

$$594823321 := (5 + 9 + 4 + 823 + 3 - 2 - 1)^3$$

$$:= (-5 + 9 - 4 + 823 - 3 + 21)^3$$

$$:= (5 - 9 + 4 + 823 - 3 + 21)^3$$

$$596947688 := (59 - 6 + 9 + 4 + 768 + 8)^3$$

$$:= (59 + 694 + 7 - 6 + 88)^3$$

$$:= (59 - 6 + 94 + 7 + 688)^3$$

$$599077107 := (5 + 9 + 907 - 71 - 07)^3$$

$$601692057 := (6 - 01 + 6 - 9 - 2 + 057)^5$$

$$:= (60 + 16 - 9 + 2 - 05 - 7)^5$$

$$:= (6 - 01 + 6 + 9 - 20 + 57)^5$$

$$:= (60 - 16 - 9 + 20 - 5 + 7)^5$$

$$:= (6 + 016 + 92 - 057)^5$$

$$605495736 := (-60 - 54 + 957 - 3 + 6)^3$$

$$:= (60 + 54 - 9 + 5 + 736)^3$$

$$605495736 := (605 - 495 + 736)^3$$

$$607573201 := (-60 + 7 + 5 + 7 - 3 + 201)^4$$

$$609800192 := (60 + 9 + 800 - 19 - 2)^3$$

$$:= (60 + 980 - 0192)^3$$

$$611960049 := (-61 - 1 + 960 - 049)^3$$

$$612220032 := (-6 - 1 + 22 + 2 + 003 - 2)^7$$

$$:= (6 + 1 - 2 - 2 + 20 - 03 - 2)^7$$

$$:= (-6 - 12 + 2 + 2 + 0032)^7$$

$$:= (61 - 22 - 20 - 03 + 2)^7$$

$$618470208 := (-6 + 1 + 847 + 02 + 08)^3$$

$$622835864 := (6 + 2 - 2 - 8 - 3 - 5 + 864)^3$$

$$:= (6 - 22 + 8 + 3 - 5 + 864)^3$$

$$623201296 := (62 + 3 - 2 + 01 - 2 + 96)^4$$

$$626250625 := (-6 - 26 + 25062 - 5)^2$$

$$629422793 := (-6 - 2 + 94 - 22 + 793)^3$$

$$631628712 := (6 - 3 - 16 + 2 + 871 - 2)^3$$

$$633839779 := (63 + 3 + 8 - 3 + 9 + 779)^3$$

$$:= (6 + 3 - 3 + 83 - 9 + 779)^3$$

$$:= (-63 - 3 + 839 + 77 + 9)^3$$

$$:= (6 - 3 + 38 + 39 + 779)^3$$

$$638277381 := (-6 + 3 + 82 + 773 + 8 + 1)^3$$

$$639128961 := (63 + 9 + 1 + 2 + 89 - 6 + 1)^4$$

$$:= (6 - 3 + 9 - 1 - 2 + 89 + 61)^4$$

$$:= (6 + 39 + 128 - 9 - 6 + 1)^4$$

$$:= (-6 + 39 + 1 + 28 + 96 + 1)^4$$

$$640503928 := (-64 - 05 + 03 + 928)^3$$

$$644972544 := (-6 - 44 + 972 - 54 - 4)^3$$

$$649461896 := (-6 - 4 - 9 - 4 - 6 - 1 + 896)^3$$

$$:= (6 - 4 + 946 + 1 - 89 + 6)^3$$

$$:= (-6 + 4 + 946 + 18 - 96)^3$$

$$656234909 := (-65 + 6 + 23 - 4 + 909)^3$$

$$656356768 := (65 + 6 - 3 + 5 + 6 - 7 - 6 - 8)^5$$

$$:= (6 - 5 + 63 - 5 + 6 + 7 - 6 - 8)^5$$

$$:= (6 - 5 + 6 + 3 - 5 + 67 - 6 - 8)^5$$

$$:= (6 + 5 - 6 + 3 - 5 - 6 - 7 + 68)^5$$

$$:= (-6 - 5 + 6 + 3 + 5 - 6 - 7 + 68)^5$$

$$:= (-6 + 56 + 35 - 6 - 7 - 6 - 8)^5$$

$$:= (65 + 63 - 5 - 67 - 6 + 8)^5$$

$$:= (65 - 6 + 3 - 5 - 67 + 68)^5$$

$$:= (-6 + 56 + 3 - 56 - 7 + 68)^5$$

$$:= (6 - 5 + 63 - 5 + 67 - 68)^5$$

$$:= (-6 + 563 - 567 + 68)^5$$

$$663054848 := (6 - 6 - 30 + 54 + 848)^3$$

$$665338617 := (6 - 6 + 5 + 3 - 3 + 861 + 7)^3$$

$$:= (6 - 6 + 5 - 3 + 3 + 861 + 7)^3$$

$$669921875 := (6 + 6 + 9 + 921 + 8 - 75)^3$$

$$671898241 := (67 - 1 - 8 + 98 + 2 + 4 - 1)^4$$

$$:= (6 + 71 + 89 - 8 - 2 + 4 + 1)^4$$

$$:= (-6 - 7 + 189 - 8 - 2 - 4 - 1)^4$$

$$:= (6 + 7 - 1 + 8 + 98 + 2 + 41)^4$$

$$:= (67 + 18 - 9 + 82 + 4 - 1)^4$$

$$:= (6 + 7 + 189 - 82 + 41)^4$$

$$676836152 := (-6 + 768 + 3 + 61 + 52)^3$$

$$:= (-6 + 768 - 36 + 152)^3$$

$$677925369 := (677 - 9 + 25369)^2$$

$$679151439 := (6 - 7 + 915 - 1 - 43 + 9)^3$$

$$:= (-6 + 791 + 51 + 4 + 39)^3$$

$$681472000 := (-6 + 814 + 72 + 000)^3$$

$$683797841 := (6 + 83 + 797 - 8 + 4 - 1)^3$$

$$:= (-6 + 8 - 3 + 797 + 84 + 1)^3$$

$$:= (68 + 37 - 9 + 784 + 1)^3$$

$$686128968 := (6 + 861 + 2 + 8 - 9 + 6 + 8)^3$$

$$688465387 := (6 + 884 + 6 + 5 - 3 - 8 - 7)^3$$

$$688747536 := (68 + 87 + 4 + 7 + 5 - 3 - 6)^4$$

$$:= (6 + 8 + 8 + 74 + 75 - 3 - 6)^4$$

$$:= (688 + 7 - 4 + 7 - 536)^4$$

$$693154125 := (6 + 931 - 54 - 1 - 2 + 5)^3$$

$$695506456 := (6 + 955 - 064 - 5 - 6)^3$$

$$697864103 := (-6 + 9 + 7 + 864 + 10 + 3)^3$$

$$702595369 := (-70 - 2 + 5 + 953 - 6 + 9)^3$$

$$705911761 := (70 + 5 + 91 - 1 - 7 + 6 - 1)^4$$

$$:= (-7 + 05 - 9 - 1 + 176 - 1)^4$$

$$:= (-70 + 59 - 1 + 176 - 1)^4$$

$$709732288 := (7 + 0973 + 2 - 2 - 88)^3$$

$$714924299 := (7 - 1 + 49 + 2 + 4 - 2 + 9 - 9)^5$$

$$:= (7 - 1 + 4 + 9 + 24 - 2 + 9 + 9)^5$$

$$:= (7 - 1 + 4 + 9 - 2 + 42 + 9 - 9)^5$$

$$:= (7 - 1 + 4 + 9 - 2 + 4 + 29 + 9)^5$$

$$:= (-7 - 14 + 92 + 4 + 2 - 9 - 9)^5$$

$$:= (7 - 1 + 49 + 24 - 2 - 9 - 9)^5$$

$$:= (-71 - 4 + 92 + 42 + 9 - 9)^5$$

$$:= (-71 + 4 + 92 - 4 + 29 + 9)^5$$

$$:= (-71 - 4 + 9 + 24 + 2 + 99)^5$$

$$:= (7 - 1 + 49 + 24 - 29 + 9)^5$$

$$:= (7 - 1 + 4 - 92 + 42 + 99)^5$$

$$:= (-71 - 4 - 9 + 242 - 99)^5$$

$$716917375 := (-7 - 16 + 917 + 3 - 7 + 5)^3$$

$$:= (-7 + 169 + 1 + 737 - 5)^3$$

$$719323136 := (-7 - 1 + 932 - 31 - 3 + 6)^3$$

$$722695689 := (-72 + 26956 + 8 - 9)^2$$

$$723394816 := (72 + 3 - 3 + 9 - 4 + 81 + 6)^4$$

$$:= (-7 + 2 + 3 - 3 + 94 + 81 - 6)^4$$

$$:= (72 + 3 + 3 + 94 + 8 - 16)^4$$

$$:= (-7 + 233 + 9 + 4 - 81 + 6)^4$$

$$726572699 := (7 + 265 + 726 - 99)^3$$

$$:= (7 + 265 - 72 + 699)^3$$

$$733870808 := (7 + 3 - 3 + 87 + 0808)^3$$

$$:= (-7 - 33 + 870 + 80 - 8)^3$$

$$736314327 := (736 - 3 + 143 + 27)^3$$

$$738763264 := (-7 + 3 + 876 - 32 + 64)^3$$

$$741200625 := (7 - 41 + 200 + 6 - 2 - 5)^4$$

$$:= (-7 + 4 - 1 + 200 - 6 - 25)^4$$

$$751089429 := (7 + 5 + 10 + 894 + 2 - 9)^3$$

$$:= (-7 + 51 + 0894 - 29)^3$$

$$753571000 := (-75 - 3 - 5 - 7 + 1000)^3$$

$$759333136 := (75 + 93 + 3 + 3 + 1 - 3 - 6)^4$$

$$:= (75 + 93 + 33 + 1 - 36)^4$$

$$:= (75 - 9 - 33 - 3 + 136)^4$$

$$:= (7 + 59 - 33 - 3 + 136)^4$$

$$761048497 := (76 - 1 - 04 + 849 - 7)^3$$

$$763551944 := (7 - 6 - 35 + 5 - 1 + 944)^3$$

$$:= (7 + 6 + 3 + 5 - 51 + 944)^3$$

$$768575296 := (76 + 85 + 752 + 9 - 6)^3$$

$$776151559 := (7 + 761 + 5 + 155 - 9)^3$$

$$777796321 := (77 + 77 + 9 + 6 - 3 + 2 - 1)^4$$

$$:= (77 + 7 + 79 + 6 - 3 + 2 - 1)^4$$

$$:= (77 + 7 - 7 + 96 - 3 - 2 - 1)^4$$

$$:= (77 - 7 + 79 - 6 + 3 + 21)^4$$

$$781229961 := (7 + 812 - 2 + 99 + 6 - 1)^3$$

$$:= (7 - 81 + 2 - 2 + 996 - 1)^3$$

$$:= (-7 + 8 - 12 - 29 + 961)^3$$

$$\begin{aligned} 783777448 &:= (783 + 77 + 74 - 4 - 8)^3 \\ &:= (-7 + 8377 - 7448)^3 \end{aligned}$$

$$786330467 := (786 - 330 + 467)^3$$

$$\begin{aligned} 788889024 &:= (-78 + 88 + 8 + 902 + 4)^3 \\ &:= (-78 + 888 + 90 + 24)^3 \\ &:= (-78 + 88 + 890 + 24)^3 \end{aligned}$$

$$791128129 := (7 - 9 + 1 - 1 + 28129)^2$$

$$\begin{aligned} 791453125 &:= (7 + 914 + 5 + 3 - 1 + 2 - 5)^3 \\ &:= (-7 + 914 - 5 - 3 + 1 + 25)^3 \end{aligned}$$

$$\begin{aligned} 796594176 &:= (79 + 6 - 5 + 9 + 4 - 1 + 76)^4 \\ &:= (7 + 96 + 59 + 4 + 1 + 7 - 6)^4 \\ &:= (7 - 9 + 6 - 5 + 94 - 1 + 76)^4 \\ &:= (79 + 65 + 9 + 4 + 17 - 6)^4 \\ &:= (7 - 9 - 6 + 59 + 41 + 76)^4 \end{aligned}$$

$$\begin{aligned} 796597983 &:= (7 + 9 - 6 - 59 - 7 + 983)^3 \\ &:= (79 - 6 + 59 + 798 - 3)^3 \end{aligned}$$

$$\begin{aligned} 799178752 &:= (-79 + 917 + 87 + 5 - 2)^3 \\ &:= (7 - 9 + 91 + 787 + 52)^3 \end{aligned}$$

$$809557568 := (-80 + 955 - 7 + 56 + 8)^3$$

$$\begin{aligned} 815730721 &:= (8 + 15 - 7 + 3 - 07 + 2 - 1)^8 \\ &:= (-8 - 1 - 5 + 7 + 30 - 7 - 2 - 1)^8 \\ &:= (81 - 57 - 3 - 07 - 2 + 1)^8 \\ &:= (81 - 5 + 7 + 3 - 072 - 1)^8 \\ &:= (8 + 15 + 7 - 3 + 07 - 21)^8 \\ &:= (8 + 1 - 5 - 7 + 30 + 7 - 21)^8 \\ &:= (81 - 57 + 3 + 07 - 21)^8 \\ &:= (-8 + 157 + 30 - 7 - 2 - 1)^4 \\ &:= (8 + 1 - 5 + 730 - 721)^8 \end{aligned}$$

$$822656953 := (822 + 65 + 6 - 9 + 53)^3$$

$$\begin{aligned} 825293672 &:= (-8 + 2 + 5 - 2 + 936 + 7 - 2)^3 \\ &:= (8 + 2 - 5 + 2 + 936 - 7 + 2)^3 \\ &:= (8 + 252 + 9 - 3 + 672)^3 \end{aligned}$$

$$827936019 := (8 - 2 + 7 + 936 - 01 - 9)^3$$

$$833237621 := (-8 + 332 + 3 - 7 + 621)^3$$

$$\begin{aligned} 835896888 &:= (835 + 89 - 6 + 8 + 8 + 8)^3 \\ &:= (835 + 8 + 9 - 6 + 8 + 88)^3 \\ &:= (8 + 3 + 58 - 9 - 6 + 888)^3 \end{aligned}$$

$$\begin{aligned} 843908625 &:= (84 + 3 - 9 + 0862 + 5)^3 \\ &:= (843 - 9 + 086 + 25)^3 \end{aligned}$$

$$\begin{aligned} 844596301 &:= (8 - 4 - 4 + 59 + 6 - 3 - 01)^5 \\ &:= (84 + 4 + 5 - 9 + 6 - 30 + 1)^5 \\ &:= (8 - 44 + 5 + 96 - 3 - 01)^5 \\ &:= (8 + 4 - 45 + 96 - 3 + 01)^5 \\ &:= (-84 + 45 + 96 + 3 + 01)^5 \end{aligned}$$

$$\begin{aligned} 846590536 &:= (8 - 4 + 6 - 5 + 905 + 36)^3 \\ &:= (8 + 4 + 65 + 905 - 36)^3 \end{aligned}$$

$$\begin{aligned} 849278123 &:= (8 + 4 + 927 + 8 + 1 + 2 - 3)^3 \\ &:= (8 - 4 + 927 - 8 + 1 + 23)^3 \\ &:= (849 - 2 + 78 - 1 + 23)^3 \\ &:= (-84 + 927 + 81 + 23)^3 \end{aligned}$$

$$851971392 := (8 + 5 + 1 + 971 - 39 + 2)^3$$

$$\begin{aligned} 870983875 &:= (870 + 98 - 3 - 8 - 7 + 5)^3 \\ &:= (870 - 9 + 8 + 3 + 8 + 75)^3 \\ &:= (8 + 70 - 9 + 8 + 3 + 875)^3 \\ &:= (-8 - 7 + 098 - 3 + 875)^3 \end{aligned}$$

$$873722816 := (873 + 72 - 2 + 8 - 1 + 6)^3$$

$$875213056 := (8 - 7 + 52 + 130 - 5 - 6)^4$$

$$876467493 := (876 + 4 + 67 + 4 + 9 - 3)^3$$

$$876929769 := (-87 - 69 + 29769)^2$$

$$\begin{aligned} 879217912 &:= (879 + 2 + 1 + 79 - 1 - 2)^3 \\ &:= (879 - 2 - 1 - 7 + 91 - 2)^3 \end{aligned}$$

$$:= (879 - 21 + 7 + 91 + 2)^3$$

$$881974079 := (8 - 8 + 1 + 974 - 07 - 9)^3$$

$$887503681 := (8 - 8 - 7 + 50 + 3 - 6 - 8 - 1)^6$$

$$:= (8 + 8 - 7 - 5 + 036 - 8 - 1)^6$$

$$:= (88 - 75 + 03 + 6 + 8 + 1)^6$$

$$:= (88 - 7 - 50 + 3 + 6 - 8 - 1)^6$$

$$:= (88 - 7 - 5 - 036 - 8 - 1)^6$$

$$:= (-8 + 87 - 5 - 036 - 8 + 1)^6$$

$$:= (8 + 8 - 75 + 03 + 6 + 81)^6$$

$$:= (8 + 8 - 7 - 50 + 3 + 68 + 1)^6$$

$$:= (-8 - 8 + 7 - 5 - 036 + 81)^6$$

$$:= (88 - 7 - 5 + 036 - 81)^6$$

$$:= (8 + 875 + 03 - 6 + 81)^3$$

$$890277128 := (890 + 2 + 77 - 1 + 2 - 8)^3$$

$$:= (-8 + 902 + 77 + 1 - 2 - 8)^3$$

$$:= (890 - 27 + 71 + 28)^3$$

$$893871739 := (8 + 9 + 3 - 8 + 7 - 1 + 7 + 3 - 9)^7$$

$$:= (89 + 3 - 87 + 1 + 7 - 3 + 9)^7$$

$$:= (89 - 3 - 87 + 1 + 7 + 3 + 9)^7$$

$$:= (8 + 93 + 8 - 71 - 7 - 3 - 9)^7$$

$$:= (8 + 93 - 8 + 7 + 1 - 73 - 9)^7$$

$$:= (8 - 9 - 38 + 71 - 7 + 3 - 9)^7$$

$$:= (8 - 9 + 38 - 7 - 17 - 3 + 9)^7$$

$$:= (8 - 9 - 38 - 7 + 1 + 73 - 9)^7$$

$$893871739 := (8 + 9 - 38 + 7 + 1 - 7 + 39)^7$$

$$:= (8 + 9 + 3 - 8 + 71 - 73 + 9)^7$$

$$:= (8 - 9 + 3 - 8 + 71 - 7 - 39)^7$$

$$:= (8 - 9 - 3 + 8 - 7 - 17 + 39)^7$$

$$:= (-89 + 38 + 71 - 7 - 3 + 9)^7$$

$$:= (-89 - 3 + 8 + 71 - 7 + 39)^7$$

$$:= (8 + 93 - 87 + 17 - 3 - 9)^7$$

$$:= (-8 - 93 + 87 + 1 - 7 + 39)^7$$

$$895745041 := (89 + 5 - 7 + 45 + 041)^4$$

$$895841344 := (8 + 958 + 4 - 1 + 3 - 4 - 4)^3$$

$$898632125 := (-8 + 986 - 3 - 2 - 1 - 2 - 5)^3$$

$$:= (898 + 63 + 2 - 1 - 2 + 5)^3$$

$$:= (8 + 986 - 3 - 2 + 1 - 25)^3$$

$$:= (898 + 63 - 21 + 25)^3$$

$$901428696 := (901 - 4 - 2 + 86 - 9 - 6)^3$$

$$:= (90 - 1 + 4 - 2 + 869 + 6)^3$$

$$904231063 := (904 - 2 + 3 - 1 + 063)^3$$

$$915498611 := (-9 + 1 - 5 - 4 + 986 + 1 + 1)^3$$

$$916132832 := (91 + 6 + 1 - 3 - 28 - 3 - 2)^5$$

$$:= (-9 - 16 + 1 + 3 + 2 + 83 - 2)^5$$

$$:= (9 - 1 + 6 - 1 - 32 + 83 - 2)^5$$

$$:= (9 + 1 - 6 + 1 - 3 + 28 + 32)^5$$

$$:= (91 - 61 + 3 + 28 + 3 - 2)^5$$

$$:= (91 + 6 - 13 + 2 + 8 - 32)^5$$

$$:= (9 + 1 - 61 + 32 + 83 - 2)^5$$

$$:= (9 - 1 + 61 - 3 + 28 - 32)^5$$

$$916636176 := (91 + 66 - 3 + 6 + 1 + 7 + 6)^4$$

$$:= (9 + 166 + 3 - 6 + 1 + 7 - 6)^4$$

$$:= (-9 + 16 - 6 + 3 - 6 + 176)^4$$

$$921167317 := (921 - 1 + 67 + 3 - 17)^3$$

$$929714176 := (9 - 2 + 971 - 4 + 1 + 7 - 6)^3$$

$$932574833 := (932 + 57 - 4 - 8 + 3 - 3)^3$$

$$:= (93 - 2 + 57 - 4 + 833)^3$$

$$935441352 := (935 + 44 - 1 - 3 + 5 - 2)^3$$

$$:= (935 - 4 + 41 + 3 + 5 - 2)^3$$

$$937890625 := (93 + 78 - 9 + 06 + 2 + 5)^4$$

$$:= (9 - 3 + 78 + 90 - 6 + 2 + 5)^4$$

$$:= (-9 - 3 + 78 + 90 - 6 + 25)^4$$

$$938313739 := (938 + 31 - 3 + 7 - 3 + 9)^3$$

$$:= (938 - 3 + 1 - 3 + 7 + 39)^3$$

$$946966168 := (9 + 4 + 6 + 966 - 1 + 6 - 8)^3$$

$$958585256 := (958 - 5 - 8 + 52 - 5 - 6)^3$$

$$961310025 := (-9 + 6 + 1 + 31002 + 5)^2$$

$$964430272 := (964 - 4 + 3 + 027 - 2)^3$$

$$\begin{aligned} 967361669 &:= (967 + 3 + 6 + 16 + 6 - 9)^3 \\ &:= (967 - 36 + 1 + 66 - 9)^3 \\ &:= (96 + 736 + 166 - 9)^3 \end{aligned}$$

$$\begin{aligned} 991026973 &:= (9 + 910 + 2 - 6 + 9 + 73)^3 \\ &:= (9 + 9 + 10 + 2 - 6 + 973)^3 \\ &:= (991 + 02 - 69 + 73)^3 \end{aligned}$$

$$\begin{aligned} 970299000 &:= (9 - 7 - 02 + 990 + 00)^3 \\ &:= (970 + 29 - 9 + 000)^3 \\ &:= (97 + 02 - 9 + 900 + 0)^3 \\ &:= (-9 + 70 + 29 + 900 + 0)^3 \end{aligned}$$

$$\begin{aligned} 992436543 &:= (9 + 9 - 2 + 43 + 6 + 5 - 4 - 3)^5 \\ &:= (9 - 9 - 2 + 4 + 3 + 65 - 4 - 3)^5 \\ &:= (9 + 9 + 2 - 4 + 3 + 6 - 5 + 43)^5 \\ &:= (99 - 2 + 4 - 36 + 5 - 4 - 3)^5 \\ &:= (9 + 92 + 4 - 36 - 5 - 4 + 3)^5 \\ &:= (9 + 92 + 4 + 3 + 6 - 54 + 3)^5 \\ &:= (9 + 9 - 24 + 3 + 65 + 4 - 3)^5 \\ &:= (9 - 9 + 24 - 3 - 6 + 5 + 43)^5 \end{aligned}$$

$$\begin{aligned} 973242271 &:= (973 + 24 + 2 - 2 - 7 + 1)^3 \\ &:= (973 - 2 + 4 + 22 - 7 + 1)^3 \\ &:= (973 + 2 + 42 - 27 + 1)^3 \end{aligned}$$

$$976191488 := (976 + 19 + 1 - 4 + 8 - 8)^3$$

$$\begin{aligned} 992436543 &:= (-9 - 9 + 24 + 3 + 6 + 5 + 43)^5 \\ &:= (99 + 24 + 3 - 6 - 54 - 3)^5 \\ &:= (-9 + 92 + 43 - 6 - 54 - 3)^5 \\ &:= (9 - 9 - 24 + 36 + 54 - 3)^5 \\ &:= (9 + 9 + 24 - 36 + 54 + 3)^5 \\ &:= (9 - 9 - 2 + 43 + 65 - 43)^5 \\ &:= (9 - 9 - 2 - 43 + 65 + 43)^5 \\ &:= (99 - 24 + 36 - 5 - 43)^5 \end{aligned}$$

$$\begin{aligned} 979146657 &:= (979 + 14 + 6 + 6 - 5 - 7)^3 \\ &:= (979 + 1 + 4 + 66 - 57)^3 \end{aligned}$$

$$981506241 := (9 + 81 + 50 - 6 + 2 + 41)^4$$

$$\begin{aligned} 982107784 &:= (982 + 10 + 7 + 7 - 8 - 4)^3 \\ &:= (-9 + 8 + 2 + 1077 - 84)^3 \end{aligned}$$

$$\begin{aligned} 988047936 &:= (-9 - 8 + 80 + 4 - 7 + 936)^3 \\ &:= (98 + 804 + 7 + 93 - 6)^3 \end{aligned}$$

$$\begin{aligned} 994011992 &:= (994 + 01 + 1 + 9 - 9 + 2)^3 \\ &:= (9 - 9 + 4 + 01 + 1 + 992)^3 \end{aligned}$$

### 8.3 10-Digits Semi-Selfie Numbers

This subsection brings 10-digits **semi-selfie numbers** with positive and negative signs. In some cases there are many repeated values, but we have taken only few.

$$1003003001 := (1003 - 003 + 001)^3$$

$$\begin{aligned} 1018108216 &:= (1018 + 1 - 08 + 2 - 1 - 6)^3 \\ &:= (1018 + 10 - 8 + 2 - 16)^3 \\ &:= (10 + 181 + 0821 - 6)^3 \end{aligned}$$

$$\begin{aligned} 1003875856 &:= (100 + 3 + 87 - 5 - 8 - 5 + 6)^4 \\ &:= (100 + 3 + 8 - 7 - 5 + 85 - 6)^4 \\ &:= (10 - 03 + 87 + 5 + 85 - 6)^4 \\ &:= (100 + 38 - 7 + 58 - 5 - 6)^4 \end{aligned}$$

$$1021147343 := (1021 - 1 + 4 - 7 - 3 - 4 - 3)^3$$

$$1006012008 := (1006 - 012 + 008)^3$$

$$1012048064 := (-1 - 01 + 204 + 806 - 4)^3$$

$$1024192512 := (1024 - 1 - 9 + 2 - 5 - 1 - 2)^3$$

$$1024192512 := (1024 + 1 + 9 - 25 + 1 - 2)^3$$

$$\begin{aligned} 1015075125 &:= (1015 - 07 + 5 - 1 - 2 - 5)^3 \\ &:= (-10 + 1 + 507 + 512 - 5)^3 \end{aligned}$$

$$1024320025 := (10 + 2 - 4 + 32002 - 5)^2$$

$$\begin{aligned}
1026625681 &:= (102 + 6 + 6 + 2 + 56 + 8 - 1)^4 \\
&:= (-1 + 026 + 62 + 5 + 6 + 81)^4 \\
&:= (-1 + 02 + 66 + 25 + 6 + 81)^4 \\
&:= (-10 + 2 + 6 + 6 + 256 - 81)^4
\end{aligned}$$

$$1027243729 := (1027 + 2 + 43 - 72 + 9)^3$$

$$\begin{aligned}
1030301000 &:= (10 + 3 - 03 + 01000)^3 \\
&:= (1030 - 30 + 10 + 00)^3 \\
&:= (10 + 30 - 30 + 1000)^3
\end{aligned}$$

$$1032208384 := (1 + 032208 + 3 - 84)^2$$

$$\begin{aligned}
1036433728 &:= (1036 - 4 - 33 + 7 - 2 + 8)^3 \\
&:= (1036 + 4 + 3 - 37 - 2 + 8)^3 \\
&:= (1036 + 43 - 3 - 72 + 8)^3
\end{aligned}$$

$$\begin{aligned}
1039509197 &:= (1039 - 50 + 9 - 1 + 9 + 7)^3 \\
&:= (1039 - 5 - 09 - 19 + 7)^3
\end{aligned}$$

$$1042590744 := (104 - 2 + 5 + 907 + 4 - 4)^3$$

$$\begin{aligned}
1045678375 &:= (1045 - 6 - 7 - 8 + 3 - 7 - 5)^3 \\
&:= (1045 + 6 - 78 + 37 + 5)^3
\end{aligned}$$

$$\begin{aligned}
1051871913 &:= (105 - 1 + 8 - 7 - 1 + 913)^3 \\
&:= (-10 + 51 - 8 + 71 + 913)^3
\end{aligned}$$

$$\begin{aligned}
1054977832 &:= (1054 - 9 - 7 - 7 - 8 - 3 - 2)^3 \\
&:= (10 - 5 - 4 + 977 + 8 + 32)^3 \\
&:= (10 - 54 + 977 + 83 + 2)^3
\end{aligned}$$

$$1058089859 := (1058 - 08 - 9 - 8 - 5 - 9)^3$$

$$1067462648 := (10 - 6 + 746 + 264 + 8)^3$$

$$\begin{aligned}
1073283121 &:= (107 - 3 - 2 + 83 - 1 - 2 - 1)^4 \\
&:= (-10 + 73 + 2 - 8 + 3 + 121)^4 \\
&:= (-107 + 3 - 28 + 312 + 1)^4
\end{aligned}$$

$$\begin{aligned}
1073741824 &:= (10 + 7 - 3 + 7 - 4 - 1 - 8 - 2 - 4)^{30} \\
&:= (1 + 07 + 3 + 7 + 4 - 18 + 2 - 4)^{30} \\
&:= (10 + 7 - 3 + 7 - 4 + 1 + 8 - 24)^{30} \\
&:= (1 - 073 - 7 + 4 - 1 + 82 - 4)^{30} \\
&:= (1 + 07 - 37 + 41 - 8 + 2 - 4)^{30} \\
&:= (1 - 07 + 37 + 4 - 1 - 8 - 24)^{30} \\
&:= (1 - 07 + 3 - 74 + 1 + 82 - 4)^{30}
\end{aligned}$$

$$\begin{aligned}
1073741824 &:= (1 + 07 - 3 + 7 - 4 + 18 - 24)^{30} \\
&:= (10 - 73 + 74 + 1 - 8 + 2 - 4)^{30} \\
&:= (10 + 7 + 3 + 7 - 41 - 8 + 24)^{30} \\
&:= (1 - 07 - 37 - 41 + 82 + 4)^{30} \\
&:= (-107 - 3 - 7 + 41 + 82 - 4)^{30} \\
&:= (10 - 7 + 37 + 4 - 18 - 24)^{30} \\
&:= (-107 - 3 - 74 + 182 + 4)^{30}
\end{aligned}$$

$$\begin{aligned}
1073741824 &:= (10 + 7 - 3 + 7 - 4 + 1 - 8 - 2 - 4)^{15} \\
&:= (1 - 07 - 3 - 7 + 4 + 18 + 2 - 4)^{15} \\
&:= (10 - 7 - 3 - 7 - 4 - 1 - 8 + 24)^{15} \\
&:= (1 - 073 - 7 + 4 + 1 + 82 - 4)^{15} \\
&:= (1 - 07 - 37 + 41 + 8 + 2 - 4)^{15} \\
&:= (1 - 07 + 37 + 4 + 1 - 8 - 24)^{15} \\
&:= (1 - 07 - 3 - 74 + 1 + 82 + 4)^{15}
\end{aligned}$$

$$\begin{aligned}
1073741824 &:= (10 - 73 + 74 - 1 - 8 - 2 + 4)^{15} \\
&:= (10 + 7 - 37 + 4 + 18 - 2 + 4)^{15} \\
&:= (10 + 7 + 3 - 7 - 41 + 8 + 24)^{15} \\
&:= (-10 + 73 - 74 - 1 - 8 + 24)^{15} \\
&:= (10 - 7 - 37 - 4 + 18 + 24)^{15} \\
&:= (-1 + 073 - 74 - 18 + 24)^{15}
\end{aligned}$$

$$\begin{aligned}
1073741824 &:= (10 + 7 + 3 + 7 - 4 - 1 - 8 - 2 - 4)^{10} \\
&:= (1 - 07 - 3 - 7 + 4 + 18 - 2 + 4)^{10} \\
&:= (10 + 7 - 3 + 7 + 4 - 1 + 8 - 24)^{10} \\
&:= (1 - 073 + 7 - 4 - 1 + 82 - 4)^{10} \\
&:= (1 - 07 - 37 + 41 + 8 - 2 + 4)^{10} \\
&:= (1 + 07 - 37 + 4 + 1 + 8 + 24)^{10} \\
&:= (1 + 07 + 3 + 74 + 1 - 82 + 4)^{10} \\
&:= (1 + 07 + 3 + 7 - 4 + 18 - 24)^{10} \\
&:= (1 + 07 - 3 - 7 + 4 - 18 + 24)^{10}
\end{aligned}$$

$$\begin{aligned}
1073741824 &:= (107 - 3 - 7 - 4 + 1 - 82 - 4)^{10} \\
&:= (10 - 73 + 74 - 1 - 8 + 2 + 4)^{10} \\
&:= (10 + 7 - 37 + 4 + 18 + 2 + 4)^{10} \\
&:= (10 - 7 + 3 - 7 + 41 - 8 - 24)^{10} \\
&:= (1 + 073 + 7 - 41 - 8 - 24)^{10} \\
&:= (1 - 073 + 7 + 41 + 8 + 24)^{10} \\
&:= (1 + 07 - 37 - 41 + 82 - 4)^{10} \\
&:= (-107 + 3 - 7 + 41 + 82 - 4)^{10} \\
&:= (10 + 7 + 37 - 4 - 18 - 24)^{10} \\
&:= (1 - 073 + 74 - 18 + 24)^{10} \\
&:= (-107 + 3 - 74 + 182 + 4)^{10}
\end{aligned}$$

$$\begin{aligned}
1073741824 &:= (1 + 073 - 7 - 41 + 8 + 2 - 4)^6 \\
&:= (-1 + 073 + 7 - 41 - 8 - 2 + 4)^6 \\
&:= (1 + 073 - 7 - 4 + 1 - 8 - 24)^6 \\
&:= (1 - 07 - 37 - 4 + 1 + 82 - 4)^6 \\
&:= (1 + 07 + 37 + 4 - 1 + 8 - 24)^6 \\
&:= (-1 + 07 + 37 + 4 + 1 + 8 - 24)^6 \\
&:= (1 - 07 - 3 + 74 - 1 - 8 - 24)^6 \\
&:= (-1 - 07 - 3 + 74 + 1 - 8 - 24)^6 \\
&:= (-10 + 73 - 7 - 4 - 18 + 2 - 4)^6 \\
&:= (-10 - 7 + 37 - 4 + 18 + 2 - 4)^6 \\
&:= (10 - 7 + 37 + 4 - 18 + 2 + 4)^6
\end{aligned}$$

$$\begin{aligned}
1073741824 &:= (10 + 7 + 3 + 7 + 4 - 1 + 8 - 2 - 4)^6 \\
&:= (10 + 7 - 3 + 7 + 4 + 1 + 8 + 2 - 4)^6 \\
&:= (10 + 7 + 3 + 7 - 4 - 1 + 8 - 2 + 4)^6 \\
&:= (10 + 7 - 3 + 7 - 4 + 1 + 8 + 2 + 4)^6 \\
&:= (10 + 7 + 3 - 7 + 4 + 1 + 8 + 2 + 4)^6 \\
&:= (10 - 7 + 3 + 7 + 4 + 1 + 8 + 2 + 4)^6 \\
&:= (-1 + 07 + 37 + 4 - 1 - 8 - 2 - 4)^6 \\
&:= (1 + 07 + 37 - 4 + 1 - 8 + 2 - 4)^6 \\
&:= (1 - 07 + 37 - 4 - 1 + 8 + 2 - 4)^6 \\
&:= (-1 - 07 + 37 - 4 + 1 + 8 + 2 - 4)^6
\end{aligned}$$

$$\begin{aligned}
1073741824 &:= (-10 + 7 - 3 - 7 - 41 + 82 + 4)^6 \\
&:= (-10 - 7 - 3 + 7 - 41 + 82 + 4)^6 \\
&:= (10 + 7 - 3 - 7 + 41 + 8 - 24)^6 \\
&:= (10 - 7 - 3 + 7 + 41 + 8 - 24)^6 \\
&:= (-10 + 7 + 3 + 7 + 41 + 8 - 24)^6 \\
&:= (-10 + 73 + 7 + 4 - 18 - 24)^6 \\
&:= (-10 + 7 + 37 + 4 + 18 - 24)^6 \\
&:= (10 - 7 - 3 + 74 - 18 - 24)^6 \\
&:= (-10 + 7 + 3 + 74 - 18 - 24)^6 \\
&:= (1 - 073 - 74 + 182 - 4)^6 \\
&:= (107 - 37 + 4 - 18 - 24)^6
\end{aligned}$$

$$\begin{aligned}
1073741824 &:= (-1 + 07 + 37 - 4 - 1 - 8 - 2 + 4)^6 \\
&:= (1 - 07 + 37 + 4 - 1 - 8 + 2 + 4)^6 \\
&:= (-1 - 07 + 37 + 4 + 1 - 8 + 2 + 4)^6 \\
&:= (-1 + 07 + 3 + 7 + 4 + 18 - 2 - 4)^6 \\
&:= (1 + 07 - 3 + 7 + 4 + 18 + 2 - 4)^6 \\
&:= (-1 + 07 + 3 + 7 - 4 + 18 - 2 + 4)^6 \\
&:= (1 + 07 - 3 + 7 - 4 + 18 + 2 + 4)^6 \\
&:= (1 + 07 + 3 - 7 + 4 + 18 + 2 + 4)^6
\end{aligned}$$

$$\begin{aligned}
1073741824 &:= (1 + 073 + 7 - 4 + 1 - 8 - 2 - 4)^5 \\
&:= (1 + 07 - 3 + 74 - 1 - 8 - 2 - 4)^5 \\
&:= (1 + 07 + 37 + 4 - 1 - 8 + 24)^5 \\
&:= (1 + 07 - 3 + 74 + 1 + 8 - 24)^5 \\
&:= (107 + 3 - 7 - 41 + 8 - 2 - 4)^5 \\
&:= (10 + 73 - 7 + 4 - 18 - 2 + 4)^5 \\
&:= (10 - 7 + 37 + 4 + 18 - 2 + 4)^5 \\
&:= (10 - 7 + 3 + 74 - 18 - 2 + 4)^5 \\
&:= (10 + 7 - 3 - 7 + 41 - 8 + 24)^5 \\
&:= (10 + 7 + 37 + 4 - 18 + 24)^5
\end{aligned}$$

$$\begin{aligned}
1073741824 &:= (1 - 07 + 3 + 7 + 4 + 18 + 2 + 4)^6 \\
&:= (-10 + 7 - 3 + 7 + 41 - 8 + 2 - 4)^6 \\
&:= (10 - 7 - 3 - 7 + 41 - 8 + 2 + 4)^6 \\
&:= (-10 + 7 + 3 - 7 + 41 - 8 + 2 + 4)^6 \\
&:= (-10 - 7 + 3 + 7 + 41 - 8 + 2 + 4)^6 \\
&:= (10 + 7 - 3 + 7 - 4 - 1 - 8 + 24)^6 \\
&:= (10 + 7 + 3 - 7 + 4 - 1 - 8 + 24)^6 \\
&:= (10 - 7 + 3 + 7 + 4 - 1 - 8 + 24)^6
\end{aligned}$$

$$1076890625 := (1076 + 8 - 90 + 6 + 25)^3$$

$$1080045576 := (1080 + 04 + 5 - 57 - 6)^3$$

$$1086373952 := (1 + 08 + 63 + 7 - 3 + 952)^3$$

$$:= (1086 + 3 - 73 + 9 + 5 - 2)^3$$

$$:= (-1 + 0863 + 73 + 95 - 2)^3$$

$$:= (-10 + 8 + 637 + 395 - 2)^3$$



$$1089330025 := (-1 + 08 - 9 + 33002 + 5)^2$$

$$1089547389 := (-10 - 8 + 954 + 7 - 3 + 89)^3 \\ := (1 + 0895 + 47 - 3 + 89)^3$$

$$1095912791 := (109 - 5 + 912 + 7 + 9 - 1)^3$$

$$1097199376 := (1 + 097 + 1 + 99 - 3 - 7 - 6)^4 \\ := (1 + 097 - 1 - 9 + 93 + 7 - 6)^4 \\ := (1 + 09 + 71 + 99 + 3 - 7 + 6)^4 \\ := (1 + 09 + 71 + 9 + 93 - 7 + 6)^4 \\ := (1 - 09 + 7 + 199 - 3 - 7 - 6)^4 \\ := (1 + 09 - 7 + 1 + 99 + 3 + 76)^4 \\ := (109 + 71 + 9 + 9 - 3 - 7 - 6)^4$$

$$1097199376 := (109 - 7 + 1 + 9 - 9 + 3 + 76)^4 \\ := (10 + 97 - 19 + 93 + 7 - 6)^4 \\ := (10 + 9 + 7 + 199 - 37 - 6)^4 \\ := (10 - 9 - 7 + 19 + 93 + 76)^4 \\ := (1 - 097 + 199 + 3 + 76)^4 \\ := (1 - 097 + 1 - 99 + 376)^4$$

$$1099104768 := (1 - 09 - 9 + 1047 - 6 + 8)^3 \\ := (109 + 910 + 4 + 7 - 6 + 8)^3 \\ := (1099 - 10 + 4 + 7 - 68)^3$$

$$1102302937 := (-1 + 1023 - 02 + 9 - 3 + 7)^3 \\ := (-1 + 102 - 3 - 02 + 937)^3 \\ := (1102 - 30 - 29 - 3 - 7)^3 \\ := (1102 - 3 - 029 - 37)^3$$

$$1108717875 := (1108 - 7 + 17 - 8 - 75)^3$$

$$1111934656 := (1111 - 9 - 3 - 4 - 65 + 6)^3 \\ := (1 + 1119 - 34 + 6 - 56)^3$$

$$1115157653 := (1115 + 1 + 5 - 76 - 5 - 3)^3$$

$$1118386872 := (1118 + 3 - 86 + 8 - 7 + 2)^3 \\ := (-1 - 1 - 1 + 83 + 86 + 872)^3$$

$$1121513121 := (1 + 1 + 2 + 151 + 31 - 2 - 1)^4 \\ := (112 + 1 + 51 - 3 + 1 + 21)^4 \\ := (11 - 2 + 151 + 3 - 1 + 21)^4 \\ := (11 + 2 + 1 + 51 - 3 + 121)^4 \\ := (1 + 121 + 51 - 3 + 12 + 1)^4 \\ := (1 + 12 + 151 - 3 + 1 + 21)^4 \\ := (-112 - 15 - 1 + 312 - 1)^4 \\ := (1 + 121 + 51 + 31 - 21)^4$$

$$1121622319 := (1121 - 62 + 2 - 31 + 9)^3$$

$$1133668900 := (11 + 33668 - 9 + 00)^2$$

$$1137893184 := (1 - 1 + 37 - 8 + 931 + 84)^3$$

$$1141166125 := (-1 - 1 + 411 + 661 - 25)^3 \\ := (-1 + 1 + 4 + 1166 - 125)^3 \\ := (-114 + 1166 - 12 + 5)^3$$

$$1146228736 := (114 + 62 + 2 + 8 + 7 - 3 - 6)^4 \\ := (1 + 146 + 2 - 2 + 8 - 7 + 36)^4 \\ := (-1 + 146 + 2 + 2 - 8 + 7 + 36)^4 \\ := (1 - 1 - 46 + 228 - 7 + 3 + 6)^4 \\ := (-114 + 6 + 2 + 287 - 3 + 6)^4 \\ := (1 + 146 - 22 - 8 + 73 - 6)^4 \\ := (1 - 1 + 462 - 287 + 3 + 6)^4 \\ := (-11 + 46 + 228 - 73 - 6)^4$$

$$1151022592 := (-1 + 15 + 1022 + 5 + 9 - 2)^3$$

$$1154320649 := (1154 - 32 - 064 - 9)^3 \quad 1156340025 := (-1 +$$

$$1160290625 := (11 + 60 + 2 - 9 - 06 + 2 + 5)^5 \\ := (-1 + 16 + 02 - 9 + 062 - 5)^5 \\ := (1 + 1 + 6 - 02 + 90 - 6 - 25)^5 \\ := (11 + 6 + 029 - 06 + 25)^5 \\ := (1 + 16 + 029 - 06 + 25)^5 \\ := (1 + 160 - 29 - 062 - 5)^5 \\ := (-1 - 1 + 602 + 90 - 625)^5$$

$$1160935651 := (116 + 0935 + 6 - 5 - 1)^3 \\ := (11 + 60 + 935 - 6 + 51)^3$$

$$\begin{aligned}
1162261467 &:= (11 + 6 - 2 - 2 + 6 + 1 - 4 - 6 - 7)^{19} & 1196883216 &:= (1 + 1 + 96 + 88 + 3 + 2 + 1 - 6)^4 \\
&:= (1 + 16 - 2 - 2 + 6 + 1 - 4 - 6 - 7)^{19} & &:= (1 + 1 + 96 + 8 + 83 + 2 + 1 - 6)^4 \\
&:= (1 + 1 + 6 + 2 - 2 - 6 + 14 - 6 - 7)^{19} & &:= (-1 - 1 - 9 - 6 - 8 - 8 + 3 + 216)^4 \\
&:= (11 - 6 + 22 - 6 - 1 - 4 - 6 - 7)^{19} & &:= (1 + 196 + 8 + 8 - 32 - 1 + 6)^4 \\
&:= (11 + 6 + 2 - 26 + 1 - 4 + 6 + 7)^{19} & &:= (1 - 1 + 96 - 8 + 83 + 21 - 6)^4 \\
&:= (1 - 16 + 22 + 6 - 1 + 4 - 6 - 7)^{19} & &:= (119 + 6 + 88 - 32 - 1 + 6)^4 \\
&:= (1 - 16 + 2 + 26 - 1 + 4 - 6 - 7)^{19} & &:= (119 - 6 + 8 + 83 - 2 - 16)^4 \\
&:= (1 - 1 + 6 - 22 + 6 + 14 + 6 - 7)^{19} & &:= (-119 + 6 - 8 - 8 + 321 - 6)^4 \\
&:= (1 - 1 + 6 - 2 + 26 - 14 - 6 - 7)^{19} & &:= (11 + 9 + 68 + 83 + 21 - 6)^4 \\
&:= (11 - 62 + 2 + 61 + 4 - 6 - 7)^{19} & & \\
1162261467 &:= (11 + 6 - 2 + 26 + 1 - 46 + 7)^{19} & 1207949625 &:= (-1 - 2 + 07 + 94 + 962 + 5)^3 \\
&:= (11 + 6 - 2 - 2 + 61 - 4 - 67)^{19} & &:= (120 - 7 + 949 + 6 + 2 - 5)^3 \\
&:= (1 + 16 - 2 + 26 + 1 - 46 + 7)^{19} & &:= (1 + 20 - 7 + 94 + 962 - 5)^3 \\
&:= (1 + 16 - 2 - 2 + 61 - 4 - 67)^{19} & &:= (1207 - 94 + 9 - 62 + 5)^3 \\
&:= (1 + 1 + 62 - 2 - 6 + 14 - 67)^{19} & 1211355496 &:= (-12 + 1135 - 54 - 9 + 6)^3 \\
&:= (11 + 6 - 22 + 61 - 46 - 7)^{19} & 1214767763 &:= (1214 - 7 - 67 - 76 + 3)^3 \\
&:= (1 + 16 - 22 + 61 - 46 - 7)^{19} & 1218186432 &:= (1218 - 186 + 4 + 32)^3 \\
&:= (-1 + 16 - 22 - 61 + 4 + 67)^{19} & 1220703125 &:= (1 + 2 - 2 + 07 + 03 + 1 - 2 - 5)^{13} \\
&:= (-1 - 1 - 622 + 614 + 6 + 7)^{19} & &:= (1 + 22 - 07 - 03 - 1 - 2 - 5)^{13} \\
& & &:= (1 + 2 + 20 - 7 - 03 - 1 - 2 - 5)^{13} \\
& & &:= (-1 + 22 + 07 + 03 - 1 - 25)^{13} \\
& & &:= (1 + 2 - 20 - 7 + 03 + 1 + 25)^{13} \\
1171350625 &:= (-1 + 171 - 3 + 5 + 06 + 2 + 5)^4 & &:= (12 + 20 + 7 - 031 + 2 - 5)^{13} \\
&:= (117 - 1 - 3 + 5 + 062 + 5)^4 & &:= (-12 + 20 - 7 - 03 + 12 - 5)^{13} \\
&:= (1 - 1 + 71 - 3 + 50 + 62 + 5)^4 & &:= (12 - 20 - 7 + 03 + 12 + 5)^{13} \\
&:= (1 - 1 - 7 + 135 + 062 - 5)^4 & &:= (12 - 20 + 7 + 031 - 25)^{13} \\
&:= (117 + 135 - 062 - 5)^4 & &:= (1 - 2 + 20 - 70 + 31 + 25)^{13} \\
&:= (117 - 13 + 50 + 6 + 25)^4 & & \\
1180932193 &:= (118 + 0932 + 1 + 9 - 3)^3 & 1221611509 &:= (1221 + 6 + 1 - 150 - 9)^3 \\
&:= (1180 + 93 - 219 + 3)^3 & & \\
1181434384 &:= (1 - 18 + 1 + 4 + 34384)^2 & 1222830961 &:= (122 - 2 + 83 - 09 - 6 - 1)^4 \\
& & &:= (122 + 2 + 8 + 3 - 09 + 61)^4 \\
& & &:= (1 + 2 + 228 - 30 - 9 - 6 + 1)^4 \\
& & &:= (1 + 2 - 2 + 283 - 096 - 1)^4 \\
& & &:= (-1 + 2 - 2 + 283 - 096 + 1)^4 \\
& & &:= (1 - 2 + 228 + 30 - 9 - 61)^4 \\
1194389981 &:= (1 - 1 + 94 + 3 - 8 - 9 + 981)^3 & 1225350025 &:= (-1 + 2 + 2 + 5 + 35002 - 5)^2 \\
&:= (-11 + 9 - 4 - 3 + 89 + 981)^3 & 1235100736 &:= (-1 + 2 + 35100 + 7 + 36)^2 \\
& & 1235171025 &:= (1 - 2 + 35171 - 025)^2
\end{aligned}$$

$$1238833224 := (-1 + 238 + 833 + 2 - 2 + 4)^3$$

$$:= (12 - 3 + 8 + 833 + 224)^3$$

$$1242296875 := (-12 + 42 + 2 + 968 + 75)^3$$

$$:= (1 - 24 + 229 - 6 + 875)^3$$

$$1245766976 := (124 - 5 - 7 - 6 - 6 + 976)^3$$

$$:= (1 + 24 + 5 + 76 - 6 + 976)^3$$

$$:= (1 - 24 + 57 + 66 + 976)^3$$

$$1249198336 := (-1 + 2 + 4 + 91 + 98 + 3 - 3 - 6)^4$$

$$:= (-1 - 2 - 4 + 9 + 198 - 3 - 3 - 6)^4$$

$$:= (124 + 9 - 1 + 9 + 8 + 33 + 6)^4$$

$$:= (12 - 4 + 91 + 9 + 83 + 3 - 6)^4$$

$$:= (-1 - 24 + 9 + 198 + 3 - 3 + 6)^4$$

$$:= (1 + 2 + 49 - 1 + 98 + 33 + 6)^4$$

$$:= (1 + 2 + 49 - 1 + 98 + 3 + 36)^4$$

$$1249198336 := (124 + 9 - 19 + 83 - 3 - 6)^4$$

$$:= (124 + 9 - 1 + 9 + 83 - 36)^4$$

$$:= (12 - 4 + 9 + 198 - 33 + 6)^4$$

$$:= (-1 + 249 - 1 - 98 + 33 + 6)^4$$

$$:= (-1 + 2 + 49 + 19 + 83 + 36)^4$$

$$:= (12 - 49 + 198 + 33 - 6)^4$$

$$:= (-1 + 2 + 49 - 198 + 336)^4$$

$$1249243533 := (124 + 924 + 35 - 3 - 3)^3$$

$$1252332576 := (12 + 52 - 3 - 3 + 2 + 5 + 7 - 6)^5$$

$$:= (12 + 5 + 2 - 3 + 32 + 5 + 7 + 6)^5$$

$$:= (12 + 5 + 2 - 3 - 3 + 2 + 57 - 6)^5$$

$$:= (-12 - 5 - 2 + 3 + 3 - 2 + 5 + 76)^5$$

$$:= (1 + 25 + 23 - 3 + 2 + 5 + 7 + 6)^5$$

$$:= (1 + 25 + 2 + 3 - 3 + 25 + 7 + 6)^5$$

$$:= (1 + 25 + 2 - 3 + 3 + 25 + 7 + 6)^5$$

$$:= (1 + 2 + 52 - 3 + 32 - 5 - 7 - 6)^5$$

$$:= (1 + 2 + 5 + 23 - 3 + 25 + 7 + 6)^5$$

$$1252332576 := (125 + 2 + 3 - 3 + 2 - 57 - 6)^5$$

$$:= (12 + 5 + 23 + 32 - 5 - 7 + 6)^5$$

$$:= (12 - 5 - 23 + 3 - 2 + 5 + 76)^5$$

$$:= (12 - 5 + 2 + 33 + 25 - 7 + 6)^5$$

$$:= (1 - 25 - 2 - 3 + 32 + 57 + 6)^5$$

$$:= (1 + 25 - 2 + 3 - 32 - 5 + 76)^5$$

$$:= (125 - 23 - 32 - 5 + 7 - 6)^5$$

$$:= (125 - 2 - 33 - 25 + 7 - 6)^5$$

$$:= (12 - 52 + 33 + 2 - 5 + 76)^5$$

$$:= (1 - 25 - 23 + 32 + 5 + 76)^5$$

$$:= (12 - 523 + 3 - 2 + 576)^5$$

$$1252726552 := (1 + 2 + 527 + 2 - 6 + 552)^3$$

$$:= (1252 - 726 + 552)^3$$

$$1256216039 := (1256 - 216 + 039)^3$$

$$1261599361 := (-1 + 26159 + 9361)^2$$

$$1266723368 := (1 + 2 - 6 - 6 + 723 + 368)^3$$

$$1270238787 := (-12 + 70 + 238 + 787)^3$$

$$1273760704 := (-1 - 2 + 7 + 376 + 0704)^3$$

$$1275989841 := (1 - 2 - 7 + 5 + 98 + 9 + 84 + 1)^4$$

$$:= (127 - 5 - 9 + 89 - 8 - 4 - 1)^4$$

$$:= (127 + 5 + 9 + 8 - 9 + 8 + 41)^4$$

$$:= (12 + 75 + 98 - 9 + 8 + 4 + 1)^4$$

$$:= (12 + 75 - 9 + 8 + 98 + 4 + 1)^4$$

$$:= (12 + 7 + 5 - 9 + 89 + 84 + 1)^4$$

$$:= (1 + 275 - 9 - 89 + 8 + 4 - 1)^4$$

$$:= (-1 + 2 + 75 - 9 + 89 - 8 + 41)^4$$

$$:= (1 - 2 - 7 + 59 + 89 + 8 + 41)^4$$

$$1291467969 := (12 + 9 + 1 + 4 + 6 + 7 + 9 - 6 - 9)^6$$

$$:= (1 + 29 + 14 + 6 + 7 - 9 - 6 - 9)^6$$

$$:= (1 - 2 + 91 + 4 - 67 + 9 + 6 - 9)^6$$

$$:= (1 - 2 + 9 + 1 + 4 - 67 + 96 - 9)^6$$

$$:= (1 + 2 + 9 + 1 + 4 + 6 + 79 - 69)^6$$

$$:= (129 - 1 - 4 - 6 - 7 - 9 - 69)^6$$

$$\begin{aligned}
1291467969 &:= (12 + 91 + 4 + 6 + 7 - 96 + 9)^6 \\
&:= (1 + 2 + 9 + 14 + 67 + 9 - 69)^6 \\
&:= (129 - 14 - 6 - 79 - 6 + 9)^6 \\
&:= (12 - 9 + 14 + 6 + 79 - 69)^6 \\
&:= (1 + 291 + 4 + 6 + 796 - 9)^3 \\
&:= (1 - 29 + 146 - 7 - 9 - 69)^6
\end{aligned}$$

$$1296360025 := (-1 + 2 - 9 + 6 + 36002 + 5)^2$$

$$\begin{aligned}
1298596571 &:= (1 - 2 + 985 + 96 + 5 + 7 - 1)^3 \\
&:= (129 + 8 - 5 + 965 - 7 + 1)^3 \\
&:= (-1 - 29 + 85 + 965 + 71)^3
\end{aligned}$$

$$1305015625 := (-1 + 30501 + 5625)^2$$

$$1311236521 := (-1 - 311 + 2 + 36521)^2$$

$$1312932375 := (13 - 1293 + 2375)^3$$

$$1313627536 := (1 + 3 + 1 + 36275 - 36)^2$$

$$1316532736 := (13 - 1653 + 2736)^3$$

$$1327436356 := (-1 + 3 + 2 + 74 + 36356)^2$$

$$\begin{aligned}
1330863361 &:= (1 + 3 + 308 - 63 + 3 - 61)^4 \\
&:= (133 + 086 + 33 - 61)^4
\end{aligned}$$

$$1336560481 := (1 + 3 + 36560 + 4 - 8 - 1)^2$$

$$1336633600 := (-13 + 36633 - 60 + 0)^2$$

$$1338273208 := (-1 - 3 + 382 + 732 - 08)^3$$

$$\begin{aligned}
1349232625 &:= (-13 + 492 + 3 - 2 + 625)^3 \\
&:= (1349 + 23 - 262 - 5)^3
\end{aligned}$$

$$1350125107 := (13 + 50 + 1 + 2 - 5 - 1 + 07)^5$$

$$:= (13 - 5 - 01 + 2 + 51 + 07)^5$$

$$:= (1 + 3 + 50 + 12 - 5 - 1 + 07)^5$$

$$:= (1 - 3 + 50 - 1 - 2 + 5 + 10 + 7)^5$$

$$:= (1 - 35 + 01 - 2 - 5 + 107)^5$$

$$:= (1 - 3 - 50 + 125 + 1 - 07)^5$$

$$:= (1 + 3 - 50 - 1 + 2 + 5 + 107)^5$$

$$:= (13 + 50 + 12 - 5 - 10 + 7)^5$$

$$1351371121 := (1 - 351 + 37112 - 1)^2$$

$$\begin{aligned}
1358954496 &:= (1 + 3 + 5 - 8 + 95 + 4 - 4 + 96)^4 \\
&:= (135 - 8 + 9 + 5 - 4 + 49 + 6)^4 \\
&:= (1 - 3 + 58 - 9 + 5 + 44 + 96)^4 \\
&:= (135 - 89 + 54 - 4 + 96)^4 \\
&:= (-13 + 58 + 95 - 44 + 96)^4
\end{aligned}$$

$$1359101956 := (1 + 35910 - 1 + 956)^2$$

$$1366633024 := (-1 + 36663 + 302 + 4)^2$$

$$1367631000 := (1 + 36 + 76 - 3 + 1000)^3$$

$$1369296016 := (-1 + 36929 + 60 + 16)^2$$

$$1369370025 := (13 - 6 - 9 + 37002 + 5)^2$$

$$1369518049 := (-1 + 36951 + 8 + 049)^2$$

$$\begin{aligned}
1369962169 &:= (1 + 36996 + 2 - 1 + 6 + 9)^2 \\
&:= (-1 + 36996 + 21 + 6 - 9)^2
\end{aligned}$$

$$1370036196 := (1 + 37003 + 6 + 1 + 9 - 6)^2$$

$$1370110225 := (-1 + 37011 + 02 - 2 + 5)^2$$

$$1370184256 := (1 + 37018 - 4 + 2 + 5 - 6)^2$$

$$\begin{aligned}
1370258289 &:= (-1 + 37025 + 8 + 2 - 8 - 9)^2 \\
&:= (-1 + 37025 + 82 - 89)^2
\end{aligned}$$

$$1370554441 := (-1 + 37055 + 4 + 4 - 41)^2$$

$$1370776576 := (-1 + 37077 - 65 + 7 + 6)^2$$

$$1370924676 := (-1 + 37092 - 4 - 67 + 6)^2$$

$$1370998729 := (1 + 37099 + 8 - 72 - 9)^2$$

$$1371072784 := (1 + 37107 + 2 - 78 - 4)^2$$

$$1371294961 := (1 + 37129 - 4 - 96 + 1)^2$$

$$\begin{aligned}
1375036928 &:= (137 + 50 + 3 - 6 + 928)^3 \\
&:= (-13 + 750 + 369 - 2 + 8)^3
\end{aligned}$$

$$1382469544 := (138 + 24 - 6 + 954 + 4)^3$$

$$\begin{aligned}
1389928896 &:= (1 + 38 + 992 + 88 - 9 + 6)^3 \\
&:= (138 - 9 + 92 + 889 + 6)^3
\end{aligned}$$

$$1397937321 := (1 - 3 - 9 + 79 + 37321)^2$$

$$1407375225 := (1 + 4 - 07 + 37522 - 5)^2$$

$$1416247867 := (14 + 1 - 6 + 247 + 867)^3$$

$$\begin{aligned}
1416468496 &:= (1 + 4 + 164 + 6 + 8 - 4 + 9 + 6)^4 \\
&:= (1 + 4 + 1 + 6 - 4 + 6 + 84 + 96)^4 \\
&:= (141 + 6 + 46 + 8 - 4 - 9 + 6)^4 \\
&:= (1 + 41 + 6 + 46 + 8 - 4 + 96)^4 \\
&:= (14 + 16 + 4 + 68 - 4 + 96)^4 \\
&:= (1 + 4 + 164 + 68 - 49 + 6)^4 \\
&:= (-14 - 1 - 646 + 849 + 6)^4
\end{aligned}$$

$$\begin{aligned}
1423828125 &:= (1423 + 8 - 281 - 25)^3 \\
&:= (-1 + 423 + 828 - 125)^3
\end{aligned}$$

$$\begin{aligned}
1437850561 &:= (-1 + 4 + 37850 + 5 + 61)^2 \\
&:= (14 + 37850 + 56 - 1)^2
\end{aligned}$$

$$1441037521 := (-1 + 441 + 037521)^2$$

$$\begin{aligned}
1445900625 &:= (-1 + 44 + 5 + 90 + 062 - 5)^4 \\
&:= (-1 + 4 + 45 + 90 + 062 - 5)^4
\end{aligned}$$

$$\begin{aligned}
1453933568 &:= (1 - 4 + 53 + 9 + 3 + 3 + 5 + 6 - 8)^5 \\
&:= (1 + 4 + 5 + 39 + 3 - 3 + 5 + 6 + 8)^5 \\
&:= (1 + 4 - 5 - 3 + 93 - 3 - 5 - 6 - 8)^5 \\
&:= (1 + 4 + 5 + 3 + 9 - 3 + 35 + 6 + 8)^5 \\
&:= (1 + 4 + 5 + 3 - 9 + 3 - 3 + 56 + 8)^5 \\
&:= (-1 + 45 + 39 - 3 - 3 + 5 - 6 - 8)^5 \\
&:= (1 - 45 - 3 + 93 + 3 + 5 + 6 + 8)^5 \\
&:= (-1 + 45 + 3 - 9 + 33 - 5 - 6 + 8)^5 \\
&:= (1 + 45 - 3 - 9 - 3 + 35 - 6 + 8)^5
\end{aligned}$$

$$\begin{aligned}
1453933568 &:= (-14 - 5 + 39 - 3 + 3 + 56 - 8)^5 \\
&:= (14 - 5 + 3 + 93 - 35 + 6 - 8)^5 \\
&:= (1 - 45 + 39 + 3 - 3 + 5 + 68)^5 \\
&:= (1 - 45 - 3 + 9 + 33 + 5 + 68)^5 \\
&:= (1 - 45 + 3 + 9 - 3 + 35 + 68)^5 \\
&:= (1 + 4 + 5 - 39 + 33 + 56 + 8)^5 \\
&:= (-1 + 45 + 39 + 33 - 56 + 8)^5 \\
&:= (-1 - 4 - 53 + 93 - 35 + 68)^5 \\
&:= (1 + 4 + 53 - 93 + 35 + 68)^5
\end{aligned}$$

$$\begin{aligned}
1456338244 &:= (-14 - 5 - 63 + 38244)^2 \\
&:= (-145 + 63 + 38244)^2
\end{aligned}$$

$$1473638544 := (-147 - 3 - 6 + 38544)^2$$

$$\begin{aligned}
1475789056 &:= (1 + 4 + 7 + 5 + 7 - 8 + 9 - 05 - 6)^8 \\
&:= (-1 + 4 - 75 - 7 - 8 + 90 + 5 + 6)^8 \\
&:= (1 + 4 + 75 + 7 - 8 - 9 - 056)^8 \\
&:= (1 - 4 - 7 - 57 - 8 + 90 + 5 - 6)^8 \\
&:= (1 + 4 + 7 + 57 - 8 + 9 - 056)^8 \\
&:= (1 + 4 - 7 - 57 + 8 + 9 + 056)^8 \\
&:= (-1 + 4 + 7 + 5 + 78 - 90 + 5 + 6)^8 \\
&:= (-1 + 4 - 7 + 5 + 78 - 9 - 056)^8 \\
&:= (1 - 4 - 7 + 5 - 7 - 8 + 90 - 56)^8 \\
&:= (-14 + 7 - 57 + 89 - 05 - 6)^8 \\
&:= (-14 + 7 - 5 - 7 + 89 - 056)^8 \\
&:= (1 - 4 - 7 + 57 - 89 + 056)^8 \\
&:= (147 + 5 + 7 - 89 - 056)^8
\end{aligned}$$

$$\begin{aligned}
1475789056 &:= (-1 + 47 + 57 - 8 + 90 + 5 + 6)^4 \\
&:= (147 + 5 + 78 - 90 + 56)^4
\end{aligned}$$

$$\begin{aligned}
1477648619 &:= (1 + 477 + 648 - 6 + 19)^3 \\
&:= (1 + 477 - 6 + 48 + 619)^3
\end{aligned}$$

$$1483867441 := (-148 + 38674 - 4 - 1)^2$$

$$\begin{aligned}
1497193984 &:= (1 + 4 + 971 + 93 - 9 + 84)^3 \\
&:= (1 + 4 - 9 + 71 + 93 + 984)^3 \\
&:= (-14 + 971 + 93 + 98 - 4)^3
\end{aligned}$$

$$1498386681 := (1 + 49 - 8 + 38668 - 1)^2$$

$$1501123625 := (1501 - 1 + 2 - 362 + 5)^3$$

$$\begin{aligned}
1506138481 &:= (150 + 61 - 3 - 8 + 4 - 8 + 1)^4 \\
&:= (150 + 6 - 1 + 3 - 8 + 48 - 1)^4 \\
&:= (1 + 5 + 06 + 138 + 48 - 1)^4 \\
&:= (1 + 50 + 61 + 38 + 48 - 1)^4 \\
&:= (1 + 50 - 6 - 13 + 84 + 81)^4 \\
&:= (150 - 6 + 138 - 4 - 81)^4
\end{aligned}$$

$$1516910949 := (1 - 5 - 1 + 69 + 1094 - 9)^3$$

$$\begin{aligned}
1536953616 &:= (153 - 6 + 9 + 53 - 6 + 1 - 6)^4 \\
&:= (153 + 69 + 5 - 36 + 1 + 6)^4 \\
&:= (15 + 36 + 95 - 3 + 61 - 6)^4 \\
&:= (-1 + 5 - 369 - 53 + 616)^4 \\
&:= (15 - 369 + 536 + 16)^4 \\
&:= (-1 + 536 - 953 + 616)^4
\end{aligned}$$

$$1539228289 := (1 + 5 + 39228 - 2 - 8 + 9)^2$$

$$1543939849 := (-154 + 39398 + 49)^2$$

$$\begin{aligned}
1544804416 &:= (15 + 4 + 4 + 8 + 04 + 4 + 1 - 6)^6 \\
&:= (-1 + 54 + 4 - 8 - 04 - 4 - 1 - 6)^6 \\
&:= (-15 + 44 + 8 - 04 - 4 - 1 + 6)^6 \\
&:= (-15 + 4 + 48 - 04 - 4 - 1 + 6)^6 \\
&:= (-15 + 4 + 4 - 8 + 044 - 1 + 6)^6 \\
&:= (1 - 54 + 4 + 80 + 4 + 4 + 1 - 6)^6 \\
&:= (1 + 5 + 44 + 8 - 04 - 4 - 16)^6 \\
&:= (1 + 5 - 4 - 4 + 8 + 044 - 16)^6
\end{aligned}$$

$$\begin{aligned}
1544804416 &:= (-15 - 44 + 80 + 4 + 4 - 1 + 6)^6 \\
&:= (-15 - 4 + 4 + 80 + 4 - 41 + 6)^6 \\
&:= (1 - 54 + 48 + 044 + 1 - 6)^6 \\
&:= (1 - 54 + 48 + 04 + 41 - 6)^6 \\
&:= (1 + 5 - 44 + 80 + 4 + 4 - 16)^6 \\
&:= (1 + 5 + 448 - 04 - 416)^6 \\
&:= (-15 + 4 + 480 - 441 + 6)^6 \\
&:= (1544 - 804 + 416)^3
\end{aligned}$$

$$\begin{aligned}
1549839424 &:= (-1 - 54 - 9 + 8 + 39424)^2 \\
&:= (-15 - 49 + 8 + 39424)^2 \\
&:= (-154 + 98 + 39424)^2
\end{aligned}$$

$$1552836312 := (-1 + 5 + 528 - 3 + 631 - 2)^3$$

$$1556862679 := (1 + 556 - 8 + 626 - 7 - 9)^3$$

$$1560896000 := (1 + 560 + 8 - 9 + 600 + 0)^3$$

$$\begin{aligned}
1564031349 &:= (1 + 56 + 4 - 03 + 1 - 3 + 4 + 9)^5 \\
&:= (15 + 64 - 03 + 1 - 3 + 4 - 9)^5 \\
&:= (15 + 6 + 40 - 3 + 1 - 3 + 4 + 9)^5 \\
&:= (15 + 6 + 4 - 03 + 1 - 3 + 49)^5 \\
&:= (1 + 5 - 6 + 40 + 31 + 3 + 4 - 9)^5 \\
&:= (1 + 5 - 6 + 40 + 3 + 13 + 4 + 9)^5 \\
&:= (1 - 5 + 6 + 40 + 3 - 1 + 34 - 9)^5
\end{aligned}$$

$$\begin{aligned}
1564031349 &:= (1 - 5 - 6 - 4 + 031 + 3 + 49)^5 \\
&:= (-15 - 6 + 40 + 3 + 1 - 3 + 49)^5 \\
&:= (15 - 6 + 4 + 031 + 34 - 9)^5 \\
&:= (-1 - 56 + 4 - 03 + 134 - 9)^5 \\
&:= (1 - 56 - 4 + 03 + 134 - 9)^5 \\
&:= (1 - 5 - 6 + 40 + 3 - 13 + 49)^5 \\
&:= (156 - 40 - 3 - 1 - 34 - 9)^5 \\
&:= (156 - 4 - 031 - 3 - 49)^5
\end{aligned}$$

$$1566338929 := (-15 + 663 + 38929)^2$$

$$\begin{aligned}
1568239201 &:= (1 + 5 - 6 + 8 + 2 - 3 - 9 + 201)^4 \\
&:= (156 - 8 + 23 + 9 + 20 - 1)^4
\end{aligned}$$

$$1568397609 := (-156 + 8 + 39760 - 9)^2$$

$$1572439716 := (1 + 5 - 72 + 4 + 39716)^2$$

$$1581167125 := (1 - 5 + 8 + 1167 + 1 - 2 - 5)^3$$

$$1588739881 := (-15 + 8 - 8 - 7 + 39881)^2$$

$$1593413632 := (-159 - 34 + 1363 - 2)^3$$

$$1599840004 := (-1 + 5 - 9 - 9 + 8 + 40004)^2$$

$$1622234375 := (1622 - 2 - 3 - 437 - 5)^3$$

$$1626379776 := (162 + 6 + 37 + 977 - 6)^3$$

$$:= (1 - 6 + 26 + 379 + 776)^3$$

$$:= (1626 - 379 - 77 + 6)^3$$

$$1632240801 := (-16 - 32 + 240 + 8 + 01)^4$$

$$1638858339 := (-1 - 6 - 3 - 8 + 858 + 339)^3$$

$$1647212741 := (-16 - 4 - 72 + 1274 - 1)^3$$

$$1647212741 := (-164 + 72 + 1274 - 1)^3$$

$$1649740689 := (-16 - 49 - 7 + 40689)^2$$

$$1651040689 := (1 - 6 - 51 + 040689)^2$$

$$:= (-1 - 65 + 10 + 40689)^2$$

$$1655595487 := (1 + 655 - 5 - 9 + 548 - 7)^3$$

$$1664006625 := (166 + 400 - 6 + 625)^3$$

$$\begin{aligned} 1664966416 &:= (166 + 49 - 6 - 6 + 4 + 1 - 6)^4 \\ &:= (166 + 4 + 9 - 6 - 6 + 41 - 6)^4 \\ &:= (166 - 4 + 9 + 66 - 41 + 6)^4 \end{aligned}$$

$$1680914269 := (1 + 680 + 91 + 426 - 9)^3$$

$$1681410025 := (1 + 6 - 8 - 1 + 41002 + 5)^2$$

$$1689410871 := (1689 - 410 - 87 - 1)^3$$

$$\begin{aligned} 1698181681 &:= (-1 - 6 + 98 + 181 - 68 - 1)^4 \\ &:= (-16 + 981 - 81 - 681)^4 \end{aligned}$$

$$\begin{aligned} 1731891456 &:= (1 + 7 + 3 + 189 + 1 + 4 + 5 - 6)^4 \\ &:= (173 + 18 + 9 + 1 + 4 + 5 - 6)^4 \\ &:= (173 - 1 + 8 + 9 + 14 - 5 + 6)^4 \\ &:= (173 - 18 + 9 + 1 + 45 - 6)^4 \\ &:= (173 + 1 + 89 + 1 - 4 - 56)^4 \\ &:= (17 + 31 + 8 + 9 + 145 - 6)^4 \\ &:= (1 + 73 + 189 + 1 - 4 - 56)^4 \\ &:= (1 + 73 - 1 + 89 - 14 + 56)^4 \end{aligned}$$

$$1745337664 := (-1 - 7 + 453 - 3 + 766 - 4)^3$$

$$1764420025 := (1 + 7 - 6 - 4 + 42002 + 5)^2$$

$$1771561000 := (1771 - 561 + 000)^3$$

$$\begin{aligned} 1775956931 &:= (1775 + 9 - 569 - 3 - 1)^3 \\ &:= (1 - 77 + 595 + 693 - 1)^3 \end{aligned}$$

$$1786414756 := (-1 + 786 + 41475 + 6)^2$$

$$\begin{aligned} 1800814096 &:= (180 + 08 - 1 + 4 + 09 + 6)^4 \\ &:= (-1 + 80 - 08 - 1 + 40 + 96)^4 \\ &:= (180 + 081 - 40 - 9 - 6)^4 \end{aligned}$$

$$\begin{aligned} 1801088541 &:= (18 + 01 + 08 - 8 + 5 - 4 + 1)^7 \\ &:= (1 - 80 + 108 - 8 + 5 - 4 - 1)^7 \\ &:= (1 - 80 + 10 + 8 + 85 - 4 + 1)^7 \\ &:= (1 - 8 + 0108 - 85 + 4 + 1)^7 \end{aligned}$$

$$\begin{aligned} 1804229351 &:= (1 + 80 + 4 + 2 + 2 - 9 - 3 - 5 - 1)^5 \\ &:= (18 - 04 + 2 - 2 + 9 - 3 + 51)^5 \\ &:= (1 + 80 - 4 - 22 + 9 + 3 + 5 - 1)^5 \\ &:= (1 + 8 + 042 + 29 - 3 - 5 - 1)^5 \\ &:= (18 - 042 - 2 + 93 + 5 - 1)^5 \\ &:= (-18 + 042 + 2 - 9 + 3 + 51)^5 \end{aligned}$$

$$\begin{aligned} 1804229351 &:= (18 + 04 + 22 - 9 + 35 + 1)^5 \\ &:= (-18 + 04 + 22 + 9 + 3 + 51)^5 \\ &:= (1 + 80 - 42 + 29 - 3 + 5 + 1)^5 \\ &:= (1 + 8 + 0422 - 9 - 351)^5 \\ &:= (-1 - 8 + 0422 + 9 - 351)^5 \end{aligned}$$

$$1824793048 := (-1824 + 7 - 9 + 3048)^3$$

$$\begin{aligned} 1836036801 &:= (183 - 60 - 3 + 6 + 80 + 1)^4 \\ &:= (18 - 3 - 603 - 6 + 801)^4 \end{aligned}$$

$$\begin{aligned} 1838265625 &:= (18 - 3 + 8 + 2 + 6 + 5 + 6 - 2 - 5)^6 \\ &:= (1 + 8 + 38 - 2 - 6 + 5 - 6 + 2 - 5)^6 \\ &:= (-1 - 8 - 3 - 8 - 2 - 6 + 56 + 2 + 5)^6 \\ &:= (18 - 3 + 8 + 26 - 5 - 6 + 2 - 5)^6 \\ &:= (-18 + 3 - 8 + 2 + 65 - 6 + 2 - 5)^6 \\ &:= (-18 - 3 + 8 + 2 - 6 - 5 + 62 - 5)^6 \\ &:= (-18 + 3 - 8 + 2 - 6 + 5 + 62 - 5)^6 \end{aligned}$$

$$\begin{aligned} 1838265625 &:= (18 + 3 + 8 - 2 - 6 - 5 - 6 + 25)^6 \\ &:= (-1 + 83 + 8 - 2 + 6 - 56 + 2 - 5)^6 \\ &:= (1 + 83 + 8 + 2 - 6 - 56 - 2 + 5)^6 \\ &:= (1 + 8 + 38 - 26 + 5 + 6 - 2 + 5)^6 \\ &:= (1 + 8 - 38 - 2 - 6 + 5 + 62 + 5)^6 \\ &:= (-1 + 8 + 38 - 2 + 6 + 5 + 6 - 25)^6 \end{aligned}$$

$$\begin{aligned} 1838265625 &:= (1 + 8 - 3 + 82 + 6 - 56 + 2 - 5)^6 \\ &:= (1 + 8 - 3 - 8 - 26 + 56 + 2 + 5)^6 \\ &:= (18 - 38 + 2 - 6 + 56 - 2 + 5)^6 \\ &:= (18 - 3 + 82 - 65 + 6 + 2 - 5)^6 \\ &:= (18 - 3 + 8 + 26 + 5 + 6 - 25)^6 \\ &:= (18 + 3 + 8 - 2 + 65 - 62 + 5)^6 \\ &:= (-1 + 83 - 8 - 2 - 6 - 56 + 25)^6 \\ &:= (-1 + 8 + 38 + 26 - 5 - 6 - 25)^6 \\ &:= (1 + 8 + 38 - 26 - 5 - 6 + 25)^6 \end{aligned}$$

$$\begin{aligned}
1838265625 &:= (1 - 8 + 38 + 2 - 65 + 62 + 5)^6 \\
&:= (1 - 8 - 3 + 82 - 6 - 56 + 25)^6 \\
&:= (183 - 82 - 65 + 6 - 2 - 5)^6 \\
&:= (18 + 3 - 82 + 65 + 6 + 25)^6 \\
&:= (1 + 83 + 8 - 26 - 56 + 25)^6 \\
&:= (18 - 38 - 26 + 56 + 25)^6
\end{aligned}$$

$$1849430025 := (1 - 8 - 4 + 9 + 43002 + 5)^2$$

$$\begin{aligned}
1871773696 &:= (187 + 1 + 7 + 7 - 3 + 6 + 9 - 6)^4 \\
&:= (18 + 7 + 177 - 3 + 6 + 9 - 6)^4 \\
&:= (1 - 8 + 7 - 1 + 77 + 36 + 96)^4 \\
&:= (187 - 1 - 77 - 3 + 6 + 96)^4 \\
&:= (-18 + 71 + 77 + 3 + 69 + 6)^4 \\
&:= (-1 + 87 - 17 + 7 + 36 + 96)^4 \\
&:= (1 - 8 - 71 - 77 + 369 - 6)^4
\end{aligned}$$

$$1883652875 := (1883 - 652 - 8 + 7 + 5)^3$$

$$1884341281 := (-18 + 8 + 43412 + 8 - 1)^2$$

$$1897413272 := (1 - 89 - 7 + 4 + 1327 + 2)^3$$

$$1904362321 := (19 + 043623 - 2 - 1)^2$$

$$\begin{aligned}
1908029761 &:= (190 + 8 + 02 + 9 + 7 - 6 - 1)^4 \\
&:= (190 - 8 + 029 - 7 + 6 - 1)^4 \\
&:= (-1 - 90 + 8 + 0297 - 6 + 1)^4 \\
&:= (190 + 80 - 2 + 9 - 7 - 61)^4 \\
&:= (-19 - 08 + 0297 - 61)^4 \\
&:= (1 + 90 + 80 + 2 + 97 - 61)^4
\end{aligned}$$

$$1909427809 := (-1 + 909 + 42780 + 9)^2$$

$$1911240521 := (1 + 9 - 1 + 1240 - 5 - 2 - 1)^3$$

$$1925134784 := (-192 + 5 + 1347 + 84)^3$$

$$\begin{aligned}
1934917632 &:= (1 + 93 + 4 - 9 + 1 - 7 - 6 - 3 - 2)^5 \\
&:= (1 - 9 + 3 + 4 + 91 - 7 - 6 - 3 - 2)^5 \\
&:= (1 + 9 - 3 + 4 - 9 - 1 + 76 - 3 - 2)^5 \\
&:= (19 - 3 + 49 - 1 + 7 + 6 - 3 - 2)^5 \\
&:= (19 + 3 + 4 - 9 + 1 - 7 + 63 - 2)^5 \\
&:= (1 - 9 + 34 - 9 + 1 - 7 + 63 - 2)^5 \\
&:= (1 + 9 + 3 + 49 + 17 - 6 - 3 + 2)^5
\end{aligned}$$

$$\begin{aligned}
1934917632 &:= (1 - 9 - 3 + 49 + 1 + 7 - 6 + 32)^5 \\
&:= (1 - 9 + 3 + 4 - 9 + 17 + 63 + 2)^5 \\
&:= (19 + 34 - 9 + 17 + 6 + 3 + 2)^5 \\
&:= (19 + 3 + 4 + 91 - 7 - 6 - 32)^5 \\
&:= (19 - 3 + 4 + 9 + 17 - 6 + 32)^5 \\
&:= (1 + 93 + 49 + 1 - 7 - 63 - 2)^5 \\
&:= (1 - 93 - 4 + 91 + 76 + 3 - 2)^5
\end{aligned}$$

$$\begin{aligned}
1934917632 &:= (1 - 93 - 4 - 9 + 176 + 3 - 2)^5 \\
&:= (1 - 9 + 34 + 91 - 7 - 6 - 32)^5 \\
&:= (1 - 9 + 34 - 9 + 17 + 6 + 32)^5 \\
&:= (193 - 49 - 1 - 76 + 3 + 2)^5 \\
&:= (19 + 34 + 91 - 7 - 63 - 2)^5 \\
&:= (-19 + 34 + 9 - 17 + 63 + 2)^5 \\
&:= (-19 - 3 + 49 + 1 + 76 - 32)^5
\end{aligned}$$

$$1944016281 := (1 - 9 + 44016 + 2 + 81)^2$$

$$1944104464 := (-1 - 9 + 44104 - 4 + 6 - 4)^2$$

$$1953125000 := (1 - 9 + 5 + 3 + 1250 + 00)^3$$

$$1959744361 := (1 - 95 + 9 - 7 + 44361)^2$$

$$\begin{aligned}
1967221277 &:= (-19 + 6 - 7 - 2 - 2 + 1277)^3 \\
&:= (-1 + 967 - 2 + 212 + 77)^3
\end{aligned}$$

$$\begin{aligned}
1977326743 &:= (1 + 9 + 7 - 7 + 3 + 2 + 6 - 7 - 4 - 3)^{11} \\
&:= (1 - 9 + 7 - 7 + 3 + 26 - 7 - 4 - 3)^{11} \\
&:= (1 - 9 - 7 - 7 - 3 + 2 - 6 - 7 + 43)^{11} \\
&:= (19 + 7 + 7 - 32 + 6 + 7 - 4 - 3)^{11} \\
&:= (1 + 97 - 73 + 2 - 6 - 7 - 4 - 3)^{11} \\
&:= (1 + 97 - 7 - 3 + 2 - 6 - 74 - 3)^{11} \\
&:= (-1 + 9 + 77 + 3 + 2 - 6 - 74 - 3)^{11} \\
&:= (1 + 9 - 7 + 73 + 2 + 6 - 74 - 3)^{11} \\
&:= (1 - 9 + 7 - 73 - 2 + 6 + 74 + 3)^{11} \\
&:= (1 - 9 - 7 - 7 + 3 + 2 + 67 - 43)^{11} \\
&:= (19 - 77 + 3 + 2 + 67 - 4 - 3)^{11}
\end{aligned}$$



$$\begin{aligned}
1977326743 &:= (19 + 7 - 73 - 2 + 6 + 7 + 43)^{11} \\
&:= (19 + 7 - 7 + 32 + 6 - 7 - 43)^{11} \\
&:= (1 + 97 - 73 - 26 + 7 + 4 - 3)^{11} \\
&:= (1 + 97 + 7 - 32 - 67 + 4 - 3)^{11} \\
&:= (1 - 9 - 77 + 32 + 67 - 4 - 3)^{11} \\
&:= (1 + 9 - 77 + 32 + 6 - 7 + 43)^{11} \\
&:= (1 - 9 - 7 + 73 + 26 - 74 - 3)^{11} \\
&:= (-19 + 77 + 32 - 6 - 74 - 3)^{11} \\
&:= (19 - 77 + 3 + 26 - 7 + 43)^{11} \\
&:= (-19 + 773 + 2 - 6 - 743)^{11} \\
&:= (19 - 7 + 732 + 6 - 743)^{11}
\end{aligned}$$

$$\begin{aligned}
1982119441 &:= (1 + 9 + 8 + 211 - 9 - 4 - 4 - 1)^4 \\
&:= (198 + 2 + 11 + 9 - 4 - 4 - 1)^4 \\
&:= (19 - 8 + 2 + 1 + 194 + 4 - 1)^4 \\
&:= (1 + 98 + 2 + 119 - 4 - 4 - 1)^4 \\
&:= (1 - 9 + 82 + 1 + 1 + 94 + 41)^4 \\
&:= (19 + 82 + 119 - 4 - 4 - 1)^4 \\
&:= (1 + 98 + 211 - 94 - 4 - 1)^4 \\
&:= (-1 + 98 + 211 - 94 - 4 + 1)^4
\end{aligned}$$

$$\begin{aligned}
1995616979 &:= (19 - 9 + 561 + 697 - 9)^3 \\
2019487744 &:= (2019 + 4 - 8 - 7 - 744)^3
\end{aligned}$$

$$\begin{aligned}
2019963136 &:= (201 + 9 + 9 + 6 - 3 - 1 - 3 - 6)^4 \\
&:= (2 + 0199 + 6 + 3 - 1 - 3 + 6)^4 \\
&:= (20 + 199 + 6 - 3 - 1 - 3 - 6)^4 \\
&:= (201 + 9 - 9 + 6 - 31 + 36)^4 \\
&:= (2 + 0199 + 6 - 31 + 36)^4 \\
&:= (2 - 019 + 96 - 3 + 136)^4 \\
&:= (20 - 19 - 96 + 313 - 6)^4
\end{aligned}$$

$$\begin{aligned}
2033901163 &:= (20 - 3 - 3 + 90 + 1163)^3 \\
2045210176 &:= (2 + 045210 - 1 + 7 + 6)^2
\end{aligned}$$

$$\begin{aligned}
2058346161 &:= (205 - 8 + 3 + 4 - 6 + 16 - 1)^4 \\
&:= (20 - 5 + 83 - 46 + 161)^4
\end{aligned}$$

$$\begin{aligned}
2073071593 &:= (2 + 073 + 07 - 15 + 9 - 3)^5 \\
&:= (2 - 07 + 30 - 7 - 1 + 59 - 3)^5 \\
&:= (-2 - 07 - 3 + 07 - 15 + 93)^5 \\
&:= (20 + 73 + 07 - 15 - 9 - 3)^5 \\
&:= (20 + 7 + 30 + 7 + 15 - 9 + 3)^5 \\
&:= (-20 - 7 + 30 + 7 + 1 + 59 + 3)^5 \\
&:= (20 - 7 - 30 - 7 - 1 + 5 + 93)^5 \\
&:= (207 - 30 - 7 + 1 - 5 - 93)^5 \\
&:= (-207 + 307 - 15 - 9 - 3)^5
\end{aligned}$$

$$\begin{aligned}
2097273616 &:= (209 + 7 - 2 + 7 + 3 + 6 - 16)^4 \\
&:= (-2 - 09 + 7 + 273 - 61 + 6)^4 \\
&:= (209 - 72 + 7 + 3 + 61 + 6)^4 \\
&:= (209 + 7 + 27 - 36 + 1 + 6)^4 \\
&:= (-20 + 9 + 7 + 273 - 61 + 6)^4
\end{aligned}$$

$$\begin{aligned}
2104607376 &:= (-210 + 46073 + 7 + 6)^2 \\
2116460025 &:= (2 + 1 - 1 + 6 + 46002 - 5)^2 \\
2126781656 &:= (2126 - 781 - 65 + 6)^3 \\
2136719872 &:= (2 + 1367 - 1 + 9 - 87 - 2)^3
\end{aligned}$$

$$\begin{aligned}
2136750625 &:= (213 - 6 + 75 - 062 - 5)^4 \\
&:= (213 - 67 + 50 - 6 + 25)^4
\end{aligned}$$

$$2141700569 := (-21 + 41 + 700 + 569)^3$$

$$\begin{aligned}
2147483648 &:= (2 + 14 + 7 - 4 - 8 - 3 + 6 - 4 - 8)^{31} \\
&:= (2 - 1 - 4 - 7 - 4 - 8 + 36 - 4 - 8)^{31} \\
&:= (-2 + 1 + 47 - 4 + 8 - 36 - 4 - 8)^{31} \\
&:= (2 + 1 - 4 - 74 + 83 + 6 - 4 - 8)^{31} \\
&:= (-2 + 1 - 4 + 74 + 8 - 3 - 64 - 8)^{31} \\
&:= (-2 + 1 - 4 + 7 + 48 - 36 - 4 - 8)^{31} \\
&:= (-2 + 1 + 4 + 7 - 4 + 8 + 36 - 48)^{31} \\
&:= (21 - 47 - 4 + 8 + 36 - 4 - 8)^{31}
\end{aligned}$$

$$\begin{aligned}
2147483648 &:= (21 + 4 - 7 - 48 + 36 + 4 - 8)^{31} \\
&:= (2 + 14 + 7 + 48 + 3 - 64 - 8)^{31} \\
&:= (2 - 14 - 7 - 48 - 3 + 64 + 8)^{31} \\
&:= (2 - 14 + 7 - 4 + 83 - 64 - 8)^{31} \\
&:= (-21 + 47 - 48 + 36 - 4 - 8)^{31} \\
&:= (-2 + 147 - 4 - 83 - 64 + 8)^{31} \\
&:= (-2 - 14 - 74 + 8 + 36 + 48)^{31}
\end{aligned}$$

$$\begin{aligned}
2176782336 &:= (2 + 17 - 6 - 7 + 8 - 2 + 3 - 3 - 6)^{12} & 2176782336 &:= (-2 + 17 - 67 + 82 + 3 - 3 + 6)^6 \\
&:= (2 + 1 + 7 + 6 + 7 + 8 + 2 - 33 + 6)^{12} & &:= (-2 - 17 + 67 + 8 - 23 - 3 + 6)^6 \\
&:= (2 + 1 - 7 - 6 - 7 - 8 - 2 - 3 + 36)^{12} & &:= (2 - 1 + 76 - 78 - 2 + 33 + 6)^6 \\
&:= (21 + 7 + 6 - 7 + 8 - 2 - 33 + 6)^{12} & &:= (2 + 1 - 76 + 78 - 2 - 3 + 36)^6 \\
&:= (21 + 7 - 6 + 7 + 8 + 2 + 3 - 36)^{12} & &:= (2 - 1 + 76 - 78 - 2 + 3 + 36)^6 \\
&:= (2 - 17 + 6 - 7 + 8 + 23 - 3 - 6)^{12} & &:= (2 - 1 - 7 - 67 + 82 + 33 - 6)^6 \\
&:= (2 + 17 + 6 - 7 + 8 - 23 - 3 + 6)^{12} & &:= (-217 + 6 - 7 - 82 + 336)^6 \\
&:= (2 - 1 - 76 - 7 + 82 + 3 - 3 + 6)^{12} & &:= (21 - 76 + 78 - 23 + 36)^6 \\
&:= (2 + 1 + 7 - 6 + 7 + 8 + 23 - 36)^{12} & & \\
2176782336 &:= (21 + 7 - 67 + 8 - 2 + 33 + 6)^{12} & 2176782336 &:= (2 + 1 + 7 - 6 - 7 - 8 + 233 - 6)^4 \\
&:= (21 + 7 - 67 + 8 - 2 + 3 + 36)^{12} & &:= (-2 + 176 - 7 + 8 + 2 + 3 + 36)^4 \\
&:= (21 + 7 + 6 - 7 - 8 + 23 - 36)^{12} & &:= (2 + 176 - 7 + 8 - 2 + 3 + 36)^4 \\
&:= (21 - 7 - 6 - 7 - 8 - 23 + 36)^{12} & &:= (-21 + 7 + 6 - 7 - 8 + 233 + 6)^4 \\
&:= (-21 - 7 + 6 + 7 + 8 - 23 + 36)^{12} & &:= (-21 + 76 - 78 + 233 + 6)^4 \\
&:= (2 - 17 - 67 + 82 + 3 - 3 + 6)^{12} & &:= (-21 - 7 + 6 + 7 - 8 + 233 + 6)^4 \\
&:= (2 - 17 - 67 + 82 - 3 + 3 + 6)^{12} & &:= (217 + 6 - 7 + 8 - 2 + 3 - 3 - 6)^4 \\
&:= (-2 + 1 + 7 - 67 + 8 + 23 + 36)^{12} & &:= (2 - 1 - 7 - 6 - 7 + 8 + 233 - 6)^4 \\
&:= (-21 - 76 + 78 - 2 + 33 - 6)^{12} & &:= (217 - 6 - 7 + 8 - 2 + 3 - 3 + 6)^4 \\
&:= (2 + 17 + 6 - 78 + 23 + 36)^{12} & &:= (217 - 6 - 7 - 8 + 23 + 3 - 6)^4 \\
&:= (21 + 76 - 78 + 23 - 36)^{12} & & \\
2176782336 &:= (2 + 17 + 6 + 7 + 8 + 2 + 3 - 3 - 6)^6 & 2186875592 &:= (-2 + 1868 - 7 - 559 - 2)^3 \\
&:= (2 - 1 + 7 + 6 - 7 - 8 - 2 + 33 + 6)^6 & 2191933899 &:= (2 + 1 + 919 - 3 + 389 - 9)^3 \\
&:= (2 + 1 + 7 - 6 - 7 + 8 - 2 - 3 + 36)^6 & &:= (-21 + 919 + 3 + 389 + 9)^3 \\
&:= (-21 + 76 - 7 - 8 + 2 + 3 - 3 - 6)^6 & 2197546884 &:= (2 - 1 - 9 + 7 - 5 + 46884)^2 \\
&:= (21 + 7 - 6 - 7 - 8 + 2 + 33 - 6)^6 & 2217373921 &:= (221 + 7 - 3 + 7 - 3 - 9 - 2 - 1)^4 \\
&:= (21 - 7 + 6 - 7 - 8 - 2 - 3 + 36)^6 & &:= (221 + 7 - 3 + 7 - 3 + 9 - 21)^4 \\
&:= (2 - 17 + 67 - 8 - 2 + 3 - 3 - 6)^6 & &:= (221 - 7 - 37 + 39 + 2 - 1)^4 \\
&:= (2 - 17 + 67 - 8 - 2 - 3 + 3 - 6)^6 & &:= (22 + 173 + 7 + 3 - 9 + 21)^4 \\
&:= (2 + 17 + 6 - 7 - 8 + 23 - 3 + 6)^6 & &:= (2 + 2 - 173 - 7 + 392 + 1)^4 \\
&:= (2 - 1 + 76 - 7 - 8 - 23 + 3 - 6)^6 & 2219006624 &:= (2 + 2 + 1 + 9 + 0066 - 2 - 4)^5 \\
&:= (2 + 1 - 7 + 67 + 8 - 2 + 3 - 36)^6 & &:= (2 - 2 + 1 + 9 + 0066 + 2 - 4)^5 \\
& & &:= (2 - 2 + 1 + 9 + 006 + 62 - 4)^5 \\
& & &:= (22 + 1 - 9 - 006 + 62 + 4)^5 \\
& & &:= (2 + 21 - 9 + 0066 - 2 - 4)^5 \\
& & &:= (2 + 21 - 9 - 006 + 62 + 4)^5 \\
& & &:= (22 + 1 + 9 + 0066 - 24)^5
\end{aligned}$$

$$\begin{aligned}
2224725889 &:= (2 - 2 - 2 + 47258 - 89)^2 & 2357947691 &:= (2 + 3 + 5 - 79 - 4 + 76 + 9 - 1)^9 \\
2242496025 &:= (-2242 + 49602 - 5)^2 & &:= (2 + 3 - 5 - 79 + 4 + 76 + 9 + 1)^9 \\
2242946629 &:= (2242 - 946 + 6 - 2 + 9)^3 & &:= (2 - 3 - 5 - 79 + 4 + 7 - 6 + 91)^9 \\
& & &:= (2 - 3 + 5 - 79 - 4 - 7 + 6 + 91)^9 \\
2258530576 &:= (2 + 2 - 5 - 85 + 305 - 7 + 6)^4 & &:= (2 + 3 + 5 - 7 + 94 - 76 - 9 - 1)^9 \\
&:= (225 - 85 - 3 + 05 + 76)^4 & &:= (2 - 3 - 5 + 7 + 94 - 76 - 9 + 1)^9 \\
&:= (-2 + 258 - 5 + 30 - 57 - 6)^4 & &:= (2 + 3 - 5 + 7 + 94 + 7 - 6 - 91)^9 \\
& & &:= (2 - 3 - 5 + 7 - 94 + 7 + 6 + 91)^9 \\
2263475776 &:= (-2 - 2 + 6 + 3 + 47577 - 6)^2 & 2357947691 &:= (2 - 3 + 5 - 7 - 9 - 47 + 69 + 1)^9 \\
2263571297 &:= (22 - 63 + 57 + 1297)^3 & &:= (2 - 3 - 5 + 7 - 9 + 4 - 76 + 91)^9 \\
& & &:= (-23 - 57 + 94 - 7 - 6 + 9 + 1)^9 \\
2300257521 &:= (2 + 300 - 2 - 5 - 75 - 2 + 1)^4 & &:= (-23 - 57 - 9 - 4 + 7 + 6 + 91)^9 \\
&:= (-2 - 30 + 0257 - 5 - 2 + 1)^4 & &:= (23 + 5 - 79 - 4 + 76 - 9 - 1)^9 \\
&:= (2 + 300 - 25 - 7 - 52 + 1)^4 & &:= (23 - 5 + 79 + 4 + 7 - 6 - 91)^9 \\
&:= (2 - 300 - 2 + 5 - 7 + 521)^4 & &:= (23 + 5 - 7 - 94 + 76 + 9 - 1)^9 \\
&:= (-2 + 300 - 25 - 75 + 21)^4 & &:= (23 - 5 + 7 + 9 + 47 - 69 - 1)^9 \\
2310148096 &:= (-23 - 10 + 1 + 48096)^2 & 2357947691 &:= (23 + 5 - 7 + 9 - 4 + 76 - 91)^9 \\
2312648100 &:= (2 - 3 - 1 - 2 - 6 + 48100)^2 & &:= (2 + 35 + 7 - 94 - 7 + 69 - 1)^9 \\
& & &:= (-2 - 35 + 7 - 9 - 47 + 6 + 91)^9 \\
2342560000 &:= (-2 - 34 + 256 + 0000)^4 & &:= (-2 + 3 + 57 - 9 + 47 + 6 - 91)^9 \\
&:= (2 - 342 + 560 + 000)^4 & &:= (-23 + 5 + 79 + 47 - 6 - 91)^9 \\
& & &:= (2 + 35 - 794 + 769 - 1)^9 \\
& & &:= (2 - 3 + 579 - 476 - 91)^9 \\
& & &:= (23 - 579 + 476 + 91)^9 \\
2348468521 &:= (2 - 3 + 48468 - 5 - 2 + 1)^2 & 2373046875 &:= (2 + 3 + 7 - 3 + 046 + 8 + 7 + 5)^5 \\
&:= (-23 + 48468 - 5 + 21)^2 & &:= (2 + 3 + 7 + 3 + 04 + 68 - 7 - 5)^5 \\
& & &:= (2 - 3 + 7 - 3 - 04 - 6 + 87 - 5)^5 \\
2348759296 &:= (-2 + 3 + 48759 - 296)^2 & &:= (23 + 7 + 3 + 046 + 8 - 7 - 5)^5 \\
2355452089 &:= (-2 - 3554 + 52089)^2 & &:= (23 - 7 - 3 - 04 + 68 - 7 + 5)^5 \\
& & &:= (2 + 37 + 30 + 4 + 6 + 8 - 7 - 5)^5 \\
& & &:= (2 + 37 - 30 + 46 + 8 + 7 + 5)^5 \\
2357947691 &:= (2 + 3 - 5 + 7 + 9 + 4 + 7 - 6 - 9 - 1)^9 & &:= (2 - 37 + 30 + 4 - 6 + 87 - 5)^5 \\
&:= (23 + 5 - 7 + 9 + 4 - 7 - 6 - 9 - 1)^9 & &:= (2 - 37 - 3 + 046 - 8 + 75)^5 \\
&:= (2 - 3 - 5 - 7 - 9 + 47 - 6 - 9 + 1)^9 & &:= (2 + 3 + 73 + 04 + 68 - 75)^5 \\
&:= (23 + 5 + 7 + 9 - 47 + 6 + 9 - 1)^9 & &:= (2 - 3 - 7 - 30 + 46 - 8 + 75)^5 \\
&:= (-2 - 35 - 7 - 9 - 4 + 76 - 9 + 1)^9 & &:= (23 + 73 + 046 + 8 - 75)^5 \\
&:= (-2 - 3 - 57 + 94 - 7 - 6 - 9 + 1)^9 & &:= (23 + 730 + 4 - 687 + 5)^5 \\
&:= (2 + 3 - 57 - 9 + 4 + 76 - 9 + 1)^9 & & \\
&:= (2 - 3 + 5 + 79 - 4 - 76 + 9 - 1)^9 & 2384621056 &:= (2384 + 6 + 2 - 1056)^3
\end{aligned}$$

$$\begin{aligned}
2385443281 &:= (238 + 5 - 4 - 4 - 3 - 2 - 8 - 1)^4 & 2494357888 &:= (-2 + 4 + 9 + 4 + 3 + 5 + 7 + 8 - 8 - 8)^7 \\
&:= (238 + 5 + 4 + 4 - 3 - 28 + 1)^4 &&:= (24 + 9 + 4 - 3 + 5 + 7 - 8 - 8 - 8)^7 \\
&:= (-2 + 3 - 8 - 54 + 4 - 3 + 281)^4 &&:= (2 + 49 + 4 + 3 - 5 - 7 - 8 - 8 - 8)^7 \\
&:= (238 - 54 - 4 + 32 + 8 + 1)^4 &&:= (2 + 4 + 9 + 43 - 5 - 7 - 8 - 8 - 8)^7 \\
&:= (238 - 5 - 44 + 3 + 28 + 1)^4 &&:= (24 - 9 + 43 - 5 - 7 - 8 - 8 - 8)^7 \\
&:= (-23 - 85 + 4 - 4 + 328 + 1)^4 &&:= (2 - 49 + 43 - 5 + 7 + 8 + 8 + 8)^7 \\
&:= (23 + 85 + 4 - 4 + 32 + 81)^4 &&:= (2 - 49 + 4 - 3 - 5 - 7 + 88 - 8)^7 \\
&:= (23 - 85 - 44 + 328 - 1)^4 &&:= (2 + 4 + 94 + 3 - 57 - 8 - 8 - 8)^7 \\
&:= (-238 - 54 + 432 + 81)^4 && 2494357888 &:= (2 + 4 - 9 - 43 - 5 - 7 + 88 - 8)^7 \\
&:= (-2 + 385 - 443 + 281)^4 &&&:= (24 + 94 + 3 - 5 - 78 - 8 - 8)^7 \\
&&&&:= (-2 + 49 + 43 + 5 + 7 - 88 + 8)^7 \\
2416893688 &:= (-2 + 416 - 8 + 936 + 8 - 8)^3 &&&:= (-2 - 4 - 94 + 35 + 7 + 88 - 8)^7 \\
2417492224 &:= (-2 - 41 - 7 + 49222 - 4)^2 &&&:= (-2 + 4 - 9 + 4 + 35 + 78 - 88)^7 \\
2426449081 &:= (242 - 64 + 49081)^2 &&&:= (-24 - 94 + 3 + 57 + 88 - 8)^7 \\
&&&&:= (2 + 49 - 4 - 35 - 78 + 88)^7 \\
2428912656 &:= (242 + 8 - 9 - 12 - 6 + 5 - 6)^4 &&&:= (24 + 943 - 57 - 888)^7 \\
&:= (2 - 4 + 289 - 1 - 2 - 6 - 56)^4 && 2499500025 &:= (2 + 4 - 9 - 9 + 50002 + 5)^2 \\
&:= (2 + 4 + 2 + 89 + 126 + 5 - 6)^4 && 2501500225 &:= (2 - 5 + 01 + 50022 - 5)^2 \\
&:= (2 - 428 - 9 - 1 + 2 + 656)^4 && 2509408836 &:= (-2 + 50940 - 8 - 836)^2 \\
&:= (-2 - 4 - 28 + 912 - 656)^4 && 2509911279 &:= (250 + 991 + 127 - 9)^3 \\
2433138625 &:= (2 - 43 + 3 + 1386 + 2 - 5)^3 && 2517630976 &:= (251 + 7 + 6 - 30 - 9 - 7 + 6)^4 \\
&&&&:= (-2 + 5 + 1 - 76 + 309 - 7 - 6)^4 \\
2438569736 &:= (-24 + 385 + 6 + 973 + 6)^3 &&&:= (-25 + 176 - 30 + 97 + 6)^4 \\
2444008923 &:= (-24 + 440 + 08 + 923)^3 && 2522450176 &:= (2 + 52 - 2 - 4 + 50176)^2 \\
2450250000 &:= (-2 + 4 - 502 + 50000)^2 && 2532139147 &:= (2 + 5 - 32 + 1391 + 4 - 7)^3 \\
2454911549 &:= (2 + 454 + 911 - 5 - 4 - 9)^3 && 2535525376 &:= (2 + 53 + 5 + 5 + 2 + 5 + 3 + 7 - 6)^5 \\
&&&&:= (2 + 5 + 3 + 55 + 2 + 5 + 3 + 7 - 6)^5 \\
2472973441 &:= (247 - 2 - 9 - 7 + 3 - 4 - 4 - 1)^4 &&&:= (2 + 5 + 3 + 5 + 52 + 5 + 3 + 7 - 6)^5 \\
&:= (247 - 29 + 7 - 3 + 4 - 4 + 1)^4 &&&:= (2 + 5 + 3 + 5 + 5 + 2 + 53 + 7 - 6)^5 \\
&:= (247 + 2 + 9 + 7 + 3 - 44 - 1)^4 &&&:= (2 + 5 + 3 - 5 + 5 - 2 - 5 - 3 + 76)^5 \\
&:= (2 - 47 + 297 - 34 + 4 + 1)^4 &&&:= (25 + 35 + 5 + 2 + 5 + 3 + 7 - 6)^5 \\
&:= (247 - 2 - 97 + 34 + 41)^4 &&&:= (25 + 3 + 55 - 2 + 5 + 3 - 7 - 6)^5 \\
&&&&:= (25 + 3 + 5 + 52 - 5 - 3 - 7 + 6)^5 \\
2476813977 &:= (-2 - 47 + 6 - 8 + 1397 + 7)^3 &&&:= (25 + 3 + 5 + 5 - 2 + 53 - 7 - 6)^5 \\
&:= (24 + 7 - 68 + 1397 - 7)^3 &&&:= (25 + 3 + 5 + 5 + 2 + 5 + 37 - 6)^5 \\
&&&&:= (2 + 53 + 5 - 5 + 25 - 3 - 7 + 6)^5 \\
2482309864 &:= (2 + 482 - 3 + 09 + 864)^3 &&&:= (2 + 5 + 35 + 5 + 25 + 3 + 7 - 6)^5 \\
2487813875 &:= (-2 + 487 + 8 - 13 + 875)^3 &&&:= (2 - 5 + 3 + 55 + 25 - 3 - 7 + 6)^5
\end{aligned}$$

$$\begin{aligned}
2535525376 &:= (25 + 3 + 5 - 5 - 25 - 3 + 76)^5 \\
&:= (2 + 53 + 55 + 2 - 5 - 37 + 6)^5 \\
&:= (2 + 53 + 5 + 52 - 5 - 37 + 6)^5 \\
&:= (2 + 53 + 5 - 5 - 2 - 53 + 76)^5 \\
&:= (2 + 5 - 35 + 52 + 53 - 7 + 6)^5 \\
&:= (2 + 5 - 3 - 55 - 2 + 53 + 76)^5 \\
&:= (2 - 5 + 3 - 55 + 2 + 53 + 76)^5 \\
&:= (2 + 5 - 3 - 5 - 52 + 53 + 76)^5 \\
&:= (25 + 35 + 52 - 5 - 37 + 6)^5 \\
&:= (25 + 35 - 5 - 2 - 53 + 76)^5 \\
&:= (253 + 5 - 5 - 253 + 76)^5 \\
&:= (253 - 5 + 5 - 253 + 76)^5 \\
&:= (-253 + 5 - 5 + 253 + 76)^5 \\
&:= (-25 + 355 - 253 - 7 + 6)^5 \\
&:= (2 + 53 + 552 - 537 + 6)^5
\end{aligned}$$

$$\begin{aligned}
2537716544 &:= (2 + 53 + 771 - 6 + 544)^3 \\
2550351001 &:= (-2 + 5 - 503 + 51001)^2
\end{aligned}$$

$$\begin{aligned}
2562890625 &:= (2 + 5 + 6 - 2 + 8 + 9 - 06 - 2 - 5)^8 \\
&:= (25 + 6 - 2 + 8 - 9 - 06 - 2 - 5)^8 \\
&:= (-2 + 5 + 6 + 28 - 9 - 06 - 2 - 5)^8 \\
&:= (2 - 5 + 6 - 2 - 8 - 9 + 06 + 25)^8 \\
&:= (25 + 6 - 28 + 9 + 06 + 2 - 5)^8 \\
&:= (25 + 6 - 2 + 8 + 9 - 06 - 25)^8 \\
&:= (2 - 5 - 62 + 89 - 06 + 2 - 5)^8 \\
&:= (2 - 5 + 6 - 28 + 9 + 06 + 25)^8 \\
&:= (2 - 5 - 6 + 2 + 89 - 062 - 5)^8
\end{aligned}$$

$$\begin{aligned}
2562890625 &:= (-25 - 62 + 89 + 06 + 2 + 5)^8 \\
&:= (2 + 56 - 2 - 8 - 90 + 62 - 5)^8 \\
&:= (2 - 56 + 2 + 8 + 90 - 6 - 25)^8 \\
&:= (2 + 5 - 62 + 89 + 06 - 25)^8 \\
&:= (2 - 5 + 6 + 289 - 062 - 5)^4 \\
&:= (-25 + 62 - 89 + 062 + 5)^8 \\
&:= (2 + 56 + 28 - 90 - 6 + 25)^8 \\
&:= (-2 + 5 + 628 + 9 - 0625)^8 \\
&:= (256 + 28 - 90 + 6 + 25)^4
\end{aligned}$$

$$\begin{aligned}
2565726409 &:= (2 + 56 - 5 - 7 - 2 + 6 - 4 - 09)^6 \\
&:= (2 + 5 - 6 + 57 - 2 - 6 - 4 - 09)^6 \\
&:= (-25 - 6 - 5 + 72 + 6 + 4 - 09)^6 \\
&:= (2 + 56 - 5 + 7 + 2 + 6 - 40 + 9)^6 \\
&:= (2 + 5 - 6 + 57 - 26 - 4 + 09)^6 \\
&:= (25 + 65 - 72 + 6 + 4 + 09)^6 \\
&:= (25 - 6 + 57 - 2 - 6 - 40 + 9)^6 \\
&:= (25 + 6 + 5 - 72 + 64 + 09)^6 \\
&:= (2 + 56 - 5 + 7 + 26 - 40 - 9)^6 \\
&:= (2 + 5 + 65 - 72 + 6 + 40 - 9)^6 \\
&:= (2 - 5 + 6 + 57 + 26 - 40 - 9)^6 \\
&:= (25 - 6 - 57 + 26 + 40 + 9)^6
\end{aligned}$$

$$\begin{aligned}
2576987811 &:= (-2 + 576 + 9 + 8 + 781 - 1)^3 \\
2593941624 &:= (25 + 939 + 416 - 2 - 4)^3 \\
2608451329 &:= (-260 + 8 - 4 + 51329)^2
\end{aligned}$$

$$\begin{aligned}
2608757776 &:= (260 + 8 + 7 - 57 + 7 + 7 - 6)^4 \\
&:= (-2 + 60 + 87 + 5 + 77 - 7 + 6)^4 \\
&:= (-2 + 60 + 87 + 5 + 7 - 7 + 76)^4 \\
&:= (-260 - 8 - 7 + 577 - 76)^4
\end{aligned}$$

$$\begin{aligned}
2624512900 &:= (-2 - 62 + 4 + 51290 + 0)^2 \\
2630151225 &:= (-2 + 63 - 01 + 51225)^2 \\
2639514968 &:= (-2 - 6 - 3 - 95 + 1496 - 8)^3
\end{aligned}$$

$$\begin{aligned}
2645248887 &:= (-26 + 4 + 524 + 888 - 7)^3 \\
&:= (2 - 6 + 452 + 48 + 887)^3
\end{aligned}$$

$$\begin{aligned}
2649057961 &:= (-2 - 6490 + 57961)^2 \\
2655134784 &:= (265 + 51347 - 84)^2
\end{aligned}$$

$$\begin{aligned}
2655237841 &:= (265 + 5 - 23 - 7 - 8 - 4 - 1)^4 \\
&:= (265 - 5 + 23 - 7 - 8 - 41)^4 \\
&:= (2 - 6 - 55 + 237 + 8 + 41)^4 \\
&:= (2 - 655 + 2 + 37 + 841)^4
\end{aligned}$$

$$\begin{aligned}
2691419471 &:= (2 - 6 + 914 + 1 + 9 + 471)^3 \\
2694751921 &:= (2 - 6 - 9 - 4 + 7 + 51921)^2 \\
2697451969 &:= (-26 - 9 + 7 - 4 + 51969)^2
\end{aligned}$$

$$\begin{aligned}
2702336256 &:= (270 - 2 - 33 + 6 - 2 - 5 - 6)^4 \\
&:= (270 - 2 - 3 - 36 - 2 - 5 + 6)^4 \\
&:= (2 + 7 + 02 - 3 - 36 + 256)^4 \\
&:= (270 - 2 + 33 - 62 - 5 - 6)^4 \\
&:= (2 - 70 + 233 + 62 - 5 + 6)^4
\end{aligned}$$

$$\begin{aligned}
2706784157 &:= (2 + 7 + 067 + 8 - 4 - 1 + 5 - 7)^5 \\
&:= (-2 + 7 + 06 - 7 + 84 + 1 - 5 - 7)^5 \\
&:= (2 + 7 - 06 - 7 + 84 - 1 + 5 - 7)^5 \\
&:= (27 + 067 - 8 + 4 - 1 - 5 - 7)^5 \\
&:= (27 + 06 + 7 + 8 + 41 - 5 - 7)^5 \\
&:= (2 + 70 - 6 + 7 - 8 + 4 + 15 - 7)^5 \\
&:= (2 + 70 - 6 + 7 + 8 + 4 - 15 + 7)^5 \\
&:= (2 + 70 - 6 - 7 - 8 + 4 + 15 + 7)^5 \\
&:= (2 + 7 - 06 + 78 + 4 - 15 + 7)^5
\end{aligned}$$

$$\begin{aligned}
2706784157 &:= (2 + 70 + 67 - 8 + 4 - 1 - 57)^5 \\
&:= (-2 - 7 - 067 - 8 + 4 + 157)^5 \\
&:= (2 + 7 + 06 + 78 + 41 - 57)^5 \\
&:= (-2 - 7 + 06 + 7 - 84 + 157)^5 \\
&:= (2 - 706 + 784 - 1 + 5 - 7)^5 \\
&:= (-2 + 70 - 67 + 84 - 15 + 7)^5 \\
&:= (2 + 70 + 67 - 84 + 15 + 7)^5 \\
&:= (-270 - 67 - 8 + 415 + 7)^5 \\
&:= (-2 + 706 - 784 + 157)^5
\end{aligned}$$

$$2715452100 := (-2 - 7 + 15 + 4 + 52100)^2$$

$$2726397773 := (-2 + 726 - 3 - 97 + 773)^3$$

$$2750058481 := (275 - 005 + 8 - 48 - 1)^4$$

$$2761677827 := (-2 + 7 + 616 + 7 + 782 - 7)^3$$

$$2767587264 := (-2 - 7 + 675 + 8 + 726 + 4)^3$$

$$2778554944 := (-2778 + 55494 - 4)^2$$

$$2779431416 := (2 - 7 - 7 + 9 - 4 - 3 + 1416)^3$$

$$:= (-27 + 7 + 9 + 4 - 3 + 1416)^3$$

$$:= (2779 + 43 - 1416)^3$$

$$2785366143 := (2 + 785 - 3 + 6 + 614 + 3)^3$$

$$2797260929 := (-2 + 797 - 2 + 609 - 2 + 9)^3$$

$$2798410000 := (279 - 8 - 41 + 0000)^4$$

$$2805291225 := (-2 + 80 + 52912 - 25)^2$$

$$2821151997 := (2 - 8 - 2 - 1 + 1519 - 97)^3$$

$$2822053129 := (2 - 8 + 2 - 2 + 053129)^2$$

$$:= (-28 + 22 + 053129)^2$$

$$:= (-28 + 2 + 20 + 53129)^2$$

$$2827145944 := (-28 - 2 - 7 + 1459 - 4 - 4)^3$$

$$:= (2 + 827 - 1 - 4 + 594 - 4)^3$$

$$:= (2 - 8 - 2 + 7 + 1459 - 44)^3$$

$$:= (-28 + 27 + 1459 - 44)^3$$

$$2845178713 := (28 + 4 + 517 + 871 - 3)^3$$

$$2847396321 := (284 + 7 - 3 + 9 - 63 - 2 - 1)^4$$

$$2847396321 := (2 - 8 + 4 - 73 - 9 - 6 + 321)^4$$

$$2847396321 := (-2 + 8 - 4 + 7 - 3 - 96 + 321)^4$$

$$2847396321 := (284 + 7 + 3 - 96 + 32 + 1)^4$$

$$2847396321 := (2 + 84 + 73 + 96 - 3 - 21)^4$$

$$2847396321 := (-2 - 8 - 47 - 39 + 6 + 321)^4$$

$$2865353841 := (2 - 8 - 6 + 53538 + 4 - 1)^2$$

$$2869341461 := (28 - 69 - 3 + 4 + 1461)^3$$

$$2881473967 := (-2 - 8 - 8 + 1 + 473 + 967)^3$$

$$2881473967 := (-2 + 8814 - 7396 + 7)^3$$

$$2887174368 := (2 + 88 + 7 + 1 - 7 + 4 - 3 - 6 - 8)^5$$

$$:= (2 + 8 + 87 + 1 - 7 + 4 - 3 - 6 - 8)^5$$

$$:= (2 + 8 + 8 + 7 + 1 + 7 + 43 - 6 + 8)^5$$

$$:= (2 + 8 + 8 + 7 - 1 - 7 - 4 - 3 + 68)^5$$

$$:= (28 + 8 + 7 - 1 + 7 + 43 - 6 - 8)^5$$

$$:= (-2 - 8 - 8 + 71 - 7 + 4 + 36 - 8)^5$$

$$:= (-2 - 8 - 8 - 7 - 1 - 7 + 43 + 68)^5$$

$$:= (28 + 87 + 1 + 7 - 43 + 6 - 8)^5$$

$$2887174368 := (-28 + 8 - 7 + 1 - 7 + 43 + 68)^5$$

$$:= (2 - 88 + 7 + 174 - 3 - 6 - 8)^5$$

$$:= (2 + 88 + 7 - 1 + 7 + 43 - 68)^5$$

$$:= (-2 + 8 + 87 + 17 - 4 - 36 + 8)^5$$

$$:= (2 + 8 + 87 - 1 + 7 + 43 - 68)^5$$

$$:= (-28 + 87 + 1 - 7 - 43 + 68)^5$$

$$:= (288 - 71 - 74 + 3 - 68)^5$$

$$:= (-288 - 71 - 7 + 436 + 8)^5$$

$$\begin{aligned}
2897022976 &:= (-2 + 8 - 9 + 7 + 0229 - 7 + 6)^4 \\
&:= (-2 + 8 - 9 - 7 + 0229 + 7 + 6)^4 \\
&:= (2 + 89 + 70 + 2 + 2 - 9 + 76)^4 \\
&:= (2 + 8 - 9 - 70 - 2 + 297 + 6)^4 \\
&:= (-2 + 8 - 9 - 70 + 2 + 297 + 6)^4 \\
&:= (28 - 97 - 02 + 297 + 6)^4 \\
&:= (-2 + 8 - 9 - 70 + 229 + 76)^4
\end{aligned}$$

$$2916540025 := (2 - 9 - 1 + 6 + 54002 + 5)^2$$

$$2918076589 := (-2 + 918 - 076 + 589)^3$$

$$2928541456 := (-29 + 2 - 8 + 54145 + 6)^2$$

$$2928541456 := (2 - 9 - 28 + 54145 + 6)^2$$

$$2942649737 := (-2 + 942 + 6 + 497 - 3 - 7)^3$$

$$2947295521 := (2 + 94 + 72 + 9 + 55 + 2 - 1)^4$$

$$:= (2 + 94 - 7 - 2 + 95 + 52 - 1)^4$$

$$:= (2 - 9 - 47 + 295 - 5 - 2 - 1)^4$$

$$:= (2 + 9 + 4 + 72 + 95 + 52 - 1)^4$$

$$:= (2 + 9 - 47 + 295 - 5 - 21)^4$$

$$2954357316 := (-2 + 9 + 54357 - 3 - 1 - 6)^2$$

$$2954357316 := (2 - 9 + 54357 - 3 + 1 + 6)^2$$

$$2955444496 := (2 + 9 + 5 + 54444 - 96)^2$$

$$2965455936 := (2 - 96 + 54559 - 3 - 6)^2$$

$$2966545156 := (2 + 9 - 66 + 54515 + 6)^2$$

$$2979767519 := (-297 + 976 + 751 + 9)^3$$

$$2995482361 := (2 - 99 + 54823 + 6 - 1)^2$$

$$2998219536 := (299 - 8 - 2 + 1 - 9 - 53 + 6)^4$$

$$:= (29 - 9 + 8 + 2 + 195 + 3 + 6)^4$$

$$:= (2 + 99 + 82 + 1 - 9 + 53 + 6)^4$$

$$:= (299 - 82 + 19 - 5 - 3 + 6)^4$$

$$:= (29 - 9 + 82 + 1 + 95 + 36)^4$$

$$:= (29 + 9 + 8 + 219 + 5 - 36)^4$$

$$2998442888 := (-2 + 998 - 442 + 888)^3$$

$$3010936384 := (30 - 1 + 09 + 3 + 6 + 3 - 8 - 4)^6$$

$$:= (3 - 01 + 09 + 36 + 3 - 8 - 4)^6$$

$$:= (3 + 01 - 09 + 3 + 6 + 38 - 4)^6$$

$$:= (3 - 01 - 09 - 3 + 6 + 38 + 4)^6$$

$$:= (-30 - 1 - 09 + 3 + 63 + 8 + 4)^6$$

$$:= (-30 - 1 - 09 - 3 - 6 + 3 + 84)^6$$

$$:= (3 - 010 - 9 + 3 + 63 - 8 - 4)^6$$

$$:= (3 + 01 + 093 - 63 + 8 - 4)^6$$

$$:= (3 - 01 - 09 - 36 - 3 + 84)^6$$

$$3010936384 := (30 - 10 - 9 + 36 + 3 - 8 - 4)^6$$

$$:= (30 + 1 + 09 - 36 + 38 - 4)^6$$

$$:= (30 - 1 - 09 - 3 - 63 + 84)^6$$

$$:= (3 - 010 + 93 - 6 - 38 - 4)^6$$

$$:= (30 - 10 + 93 - 63 - 8 - 4)^6$$

$$:= (30 - 10 + 93 + 6 + 3 - 84)^6$$

$$:= (3 - 0109 - 3 + 63 + 84)^6$$

$$:= (-301 - 09 - 36 + 384)^6$$

$$:= (30 - 109 + 36 - 3 + 84)^6$$

$$3029952025 := (3029 - 9 + 52025)^2$$

$$3067586677 := (30 - 6 + 758 - 6 + 677)^3$$

$$3077056399 := (3 + 07 - 7 - 05 + 63 + 9 + 9)^5$$

$$:= (-30 + 77 + 05 + 6 + 3 + 9 + 9)^5$$

$$:= (30 + 7 + 7 + 056 - 3 - 9 - 9)^5$$

$$:= (-30 + 7 + 7 + 05 - 6 - 3 + 99)^5$$

$$:= (-30 - 7 + 70 - 56 + 3 + 99)^5$$

$$:= (-3 + 07 + 705 - 639 + 9)^5$$

$$:= (307 - 70 - 56 - 3 - 99)^5$$

$$3102044416 := (31 + 0204 + 4 + 4 - 1 - 6)^4$$

$$:= (3 - 10 + 204 + 4 + 41 - 6)^4$$

$$:= (3 + 1 + 0204 + 44 - 16)^4$$

$$:= (3 - 10 - 204 + 441 + 6)^4$$

$$3125592649 := (-3 - 1 - 2 + 55926 - 4 - 9)^2$$

$$3137785344 := (-3 + 1377 + 85 - 3 + 4 + 4)^3$$

$$3144219625 := (3 + 1442 + 19 - 6 + 2 + 5)^3$$

$$\begin{aligned}
3154956561 &:= (315 - 4 - 9 - 5 - 65 + 6 - 1)^4 \\
&:= (315 - 4 - 9 - 5 + 6 - 5 - 61)^4 \\
&:= (-3 + 154 + 9 + 5 + 65 + 6 + 1)^4 \\
&:= (-3 + 15 + 4 + 95 + 65 + 61)^4
\end{aligned}$$

$$\begin{aligned}
3373402561 &:= (3 - 3 - 7 - 3 - 4 + 0256 - 1)^4 \\
&:= (337 + 3 - 40 - 2 - 56 - 1)^4 \\
&:= (-33 - 7 + 340 - 2 - 56 - 1)^4 \\
&:= (-33 - 73 + 402 - 56 + 1)^4
\end{aligned}$$

$$\begin{aligned}
3157114563 &:= (3 + 1571 + 1 - 45 - 63)^3 \\
3176523000 &:= (3 + 1765 + 2 - 300 + 0)^3
\end{aligned}$$

$$3395290527 := (33 + 952 - 9 + 0527)^3$$

$$\begin{aligned}
3208542736 &:= (320 + 8 - 5 - 4 - 2 - 73 - 6)^4 \\
&:= (-32 - 08 - 5 + 4 + 273 + 6)^4 \\
&:= (3 + 208 - 5 + 42 - 7 + 3 - 6)^4 \\
&:= (3 + 208 + 5 + 4 + 27 - 3 - 6)^4 \\
&:= (3 + 2 + 08 - 54 + 273 + 6)^4 \\
&:= (320 + 8 - 54 - 27 - 3 - 6)^4 \\
&:= (3 + 208 - 54 + 2 + 73 + 6)^4 \\
&:= (-3 + 20 + 8 - 54 + 273 - 6)^4
\end{aligned}$$

$$\begin{aligned}
3404825447 &:= (3 + 4 + 04 + 8 - 2 + 5 + 4 + 4 - 7)^7 \\
&:= (3 + 40 - 4 - 8 + 2 + 5 - 4 - 4 - 7)^7 \\
&:= (-3 - 4 + 048 + 2 - 5 - 4 - 4 - 7)^7 \\
&:= (-3 + 4 + 04 + 8 + 25 - 4 - 4 - 7)^7 \\
&:= (-34 + 04 + 8 + 2 + 54 - 4 - 7)^7 \\
&:= (-3 - 40 + 48 - 2 + 5 + 4 + 4 + 7)^7 \\
&:= (3 + 40 + 4 + 8 - 25 + 4 - 4 - 7)^7 \\
&:= (3 - 40 + 4 + 8 + 2 - 5 + 44 + 7)^7 \\
&:= (3 - 40 + 4 + 8 + 2 - 5 + 4 + 47)^7
\end{aligned}$$

$$\begin{aligned}
3215457025 &:= (-321 + 5 - 4 + 57025)^2 \\
3215578176 &:= (3 - 2 + 1557 - 81 - 7 + 6)^3 \\
3240569476 &:= (-3 - 24 + 056947 + 6)^2 \\
3245694841 &:= (32 - 4 + 56948 - 4 - 1)^2 \\
3248367641 &:= (3 - 2 - 4 + 836 + 7 + 641)^3 \\
3249570025 &:= (-3 - 2 + 4 + 9 + 57002 - 5)^2 \\
3261545587 &:= (-3 - 2 - 6 + 1545 - 58 + 7)^3 \\
3262808641 &:= (326 - 2 - 80 - 8 + 6 - 4 + 1)^4 \\
&:= (326 + 2 - 8 - 086 + 4 + 1)^4 \\
&:= (-32 - 6 + 280 + 8 - 6 - 4 - 1)^4
\end{aligned}$$

$$\begin{aligned}
3404825447 &:= (3 + 4 + 048 - 25 + 4 - 4 - 7)^7 \\
&:= (-3 + 4 - 04 + 82 - 5 - 4 - 47)^7 \\
&:= (3 + 4 - 04 + 8 - 25 + 44 - 7)^7 \\
&:= (-3 + 4 + 04 - 8 - 25 + 44 + 7)^7 \\
&:= (34 + 048 - 2 - 54 + 4 - 7)^7 \\
&:= (-3 + 40 + 4 + 8 + 25 - 44 - 7)^7 \\
&:= (-3 + 4 + 048 + 25 - 44 - 7)^7 \\
&:= (-3 - 4 + 048 + 25 + 4 - 47)^7 \\
&:= (3 - 40 + 48 - 25 + 44 - 7)^7 \\
&:= (-3 - 4 + 0482 - 5 - 447)^7 \\
&:= (-3 + 404 - 825 + 447)^7
\end{aligned}$$

$$\begin{aligned}
3268147904 &:= (-3 - 2 + 6 + 8 + 1479 - 04)^3 \\
3276800000 &:= (3 - 2 - 7 + 6 + 80 + 0000)^5 \\
3301293169 &:= (-3 + 30 + 1293 + 169)^3 \\
3314613771 &:= (-33 + 146 + 1377 + 1)^3 \\
3348071936 &:= (33 - 480 + 7 + 1936)^3 \\
3352757409 &:= (-33 + 527 + 57409)^2 \\
3357970704 &:= (-33 + 57970 + 7 + 04)^2 \\
3361517992 &:= (-33 - 6 + 1517 + 9 + 9 + 2)^3 \\
&:= (-3 - 3 - 6 + 1 + 517 + 992)^3 \\
3364580025 &:= (3 + 3 + 6 - 4 + 58002 - 5)^2
\end{aligned}$$

$$3415584249 := (34 - 1 - 5 + 58424 - 9)^2$$

$$\begin{aligned}
3429742096 &:= (342 - 97 - 4 - 2 + 09 - 6)^4 \\
&:= (-34 + 297 - 4 - 2 - 09 - 6)^4 \\
&:= (3 + 42 - 9 + 7 - 4 + 209 - 6)^4 \\
&:= (3 + 4 + 29 + 7 - 4 + 209 - 6)^4 \\
&:= (342 + 9 - 74 - 20 - 9 - 6)^4 \\
&:= (3 - 4 + 297 + 42 - 096)^4 \\
&:= (3 + 429 - 74 - 20 - 96)^4
\end{aligned}$$



$$\begin{aligned}
3441582225 &:= (-3 + 441 + 58222 + 5)^2 \\
3458733721 &:= (3 + 4 + 58733 + 72 - 1)^2 \\
3458851344 &:= (3 - 4 + 58851 - 34 - 4)^2 \\
3481590025 &:= (3 + 4 - 8 - 1 + 59002 + 5)^2 \\
3484156096 &:= (3 - 48 + 4 + 1560 - 9 + 6)^3 \\
\\
3486784401 &:= (3 - 4 + 8 + 6 + 7 - 8 - 4 - 4 - 01)^{20} \\
&:= (3 - 48 + 6 + 7 - 8 + 44 - 01)^{20} \\
&:= (3 - 48 + 6 + 7 - 8 + 4 + 40 - 1)^{20} \\
&:= (3 - 4 + 86 + 7 - 84 - 4 - 01)^{20} \\
&:= (-3 - 4 - 86 + 7 + 84 + 4 + 01)^{20} \\
&:= (3 + 4 + 8 + 67 - 84 + 4 + 01)^{20} \\
&:= (34 + 8 - 6 - 78 + 44 + 01)^{20} \\
&:= (34 + 8 - 6 - 78 + 4 + 40 + 1)^{20} \\
&:= (-34 - 86 + 78 + 44 + 01)^{20} \\
&:= (-3 - 486 + 7 + 84 + 401)^{20} \\
\\
3486784401 &:= (3 + 4 + 8 - 6 - 7 + 8 + 4 - 4 - 01)^{10} \\
&:= (-3 - 4 - 8 - 6 - 7 - 8 + 44 + 01)^{10} \\
&:= (-3 - 48 + 67 - 8 + 4 - 4 + 01)^{10} \\
&:= (3 - 48 - 6 + 7 + 8 + 44 + 01)^{10} \\
&:= (3 + 48 - 6 + 7 - 8 + 4 - 40 + 1)^{10} \\
&:= (3 + 4 - 86 + 7 + 84 - 4 + 01)^{10} \\
&:= (-3 + 4 - 8 + 67 - 8 - 44 + 01)^{10} \\
&:= (3 + 48 - 6 + 7 - 84 + 40 + 1)^{10} \\
&:= (-34 + 86 - 78 - 4 + 40 - 1)^{10} \\
&:= (-348 - 6 - 78 + 440 + 1)^{10} \\
\\
3486784401 &:= (3 - 486 + 7 + 84 + 401)^{10} \\
&:= (-3 + 4 + 86 - 7 + 8 - 4 - 4 + 01)^5 \\
&:= (3 + 4 + 8 + 67 + 8 - 4 - 4 - 01)^5 \\
&:= (3 + 4 + 8 - 6 - 7 + 84 - 4 - 01)^5 \\
&:= (3 + 48 - 6 - 7 + 8 - 4 + 40 - 1)^5 \\
&:= (3 + 48 - 6 + 7 - 8 - 4 + 40 + 1)^5 \\
&:= (34 + 8 + 6 + 78 - 44 - 01)^5 \\
&:= (3 + 48 + 67 + 8 - 44 - 01)^5 \\
&:= (3 - 48 - 6 + 7 + 84 + 40 + 1)^5 \\
&:= (-3 + 4 - 8 - 67 - 84 + 401)^4 \\
&:= (-34 - 86 - 78 + 440 + 1)^4 \\
\\
3518743761 &:= (3 + 5 + 1 + 8 + 7 + 4 - 3 + 7 + 6 + 1)^6 \\
&:= (3 - 5 - 1 - 8 + 7 + 43 + 7 - 6 - 1)^6 \\
&:= (3 + 5 - 1 - 8 - 7 - 4 - 3 - 7 + 61)^6 \\
&:= (35 + 18 + 7 - 4 - 3 - 7 - 6 - 1)^6 \\
&:= (-35 - 1 - 8 + 7 + 4 - 3 + 76 - 1)^6 \\
&:= (3 - 51 + 8 + 74 + 3 + 7 - 6 + 1)^6 \\
&:= (3 - 5 - 18 + 74 - 3 - 7 - 6 + 1)^6 \\
&:= (-3 + 5 - 18 + 7 + 4 + 37 + 6 + 1)^6 \\
&:= (3 + 5 + 1 + 87 - 43 - 7 - 6 - 1)^6 \\
&:= (3 + 5 - 1 + 87 - 4 + 3 + 7 - 61)^6 \\
\\
3518743761 &:= (3 - 5 + 1 + 8 + 74 - 37 - 6 + 1)^6 \\
&:= (3 - 5 + 1 + 8 + 7 - 43 + 7 + 61)^6 \\
&:= (35 - 18 - 7 + 43 - 7 - 6 - 1)^6 \\
&:= (35 + 1 + 87 - 4 - 3 - 76 - 1)^6 \\
&:= (35 - 1 + 8 - 74 + 3 + 7 + 61)^6 \\
&:= (3 + 51 + 8 - 74 - 3 - 7 + 61)^6 \\
&:= (3 - 51 - 8 - 7 + 4 + 37 + 61)^6 \\
&:= (3 - 5 + 18 + 74 + 3 + 7 - 61)^6 \\
&:= (3 + 5 - 1 + 8 - 74 + 37 + 61)^6 \\
&:= (3 + 51 + 87 - 4 - 37 - 61)^6 \\
&:= (35 - 18 + 743 + 761)^3 \\
\\
3524559424 &:= (-3 - 52 + 4 - 5 + 59424)^2 \\
\\
3544535296 &:= (3 - 54 - 4 + 5 + 3 - 5 + 296)^4 \\
&:= (3 + 544 - 5 + 3 - 5 - 296)^4 \\
&:= (-3 - 54 + 45 + 352 - 96)^4 \\
\\
3546578125 &:= (-3 + 54 + 657 + 812 + 5)^3 \\
3553559576 &:= (35 + 535 + 5 + 957 - 6)^3 \\
3559673569 &:= (3 - 5 + 59673 - 5 + 6 - 9)^2 \\
3566597841 &:= (-3 + 5 - 66 + 59784 + 1)^2 \\
3600360009 &:= (3 - 6 - 003 + 60009)^2 \\
3603000625 &:= (-36 + 0300 + 06 - 25)^4 \\
3603600900 &:= (3 - 60 - 3 + 60090 + 0)^2 \\
3616805375 &:= (361 - 6 + 805 + 375)^3 \\
3623878656 &:= (3 - 6 + 2 + 3 + 878 + 656)^3 \\
\\
3645153819 &:= (-3 - 6 - 4 - 5 + 1538 + 19)^3 \\
&:= (36 - 45 + 1538 + 1 + 9)^3
\end{aligned}$$

$$3651059776 := (-3 + 651 + 059776)^2$$

$$\begin{aligned} 3662186256 &:= (-3 + 6 + 6 + 218 + 6 + 2 + 5 + 6)^4 \\ &:= (3 + 6 - 6 + 2 - 1 - 8 - 6 + 256)^4 \\ &:= (-3 + 66 - 2 + 186 - 2 - 5 + 6)^4 \\ &:= (3 - 6 + 62 + 186 + 2 + 5 - 6)^4 \\ &:= (3 + 6 + 6 + 218 - 6 + 25 - 6)^4 \\ &:= (-3 + 6 + 6 - 21 + 8 - 6 + 256)^4 \\ &:= (366 - 21 - 86 - 2 - 5 - 6)^4 \\ &:= (366 - 2 - 1 - 86 - 25 - 6)^4 \\ &:= (-366 + 2 - 1 - 8 + 625 - 6)^4 \end{aligned}$$

$$3666512088 := (-3666 + 5120 + 88)^3$$

$$\begin{aligned} 3707398432 &:= (3 + 7 - 07 + 3 - 9 + 84 + 3 - 2)^5 \\ &:= (37 + 07 + 39 + 8 - 4 - 3 - 2)^5 \\ &:= (37 + 07 + 3 - 9 + 8 + 4 + 32)^5 \\ &:= (3 + 70 - 7 - 3 - 9 - 8 + 4 + 32)^5 \\ &:= (3 + 7 + 07 + 3 + 98 - 4 - 32)^5 \\ &:= (37 + 073 + 9 + 8 - 43 - 2)^5 \\ &:= (3 - 70 + 73 - 9 + 84 + 3 - 2)^5 \\ &:= (3 + 70 + 7 + 39 + 8 - 43 - 2)^5 \\ &:= (3 - 70 + 7 + 3 + 98 + 43 - 2)^5 \end{aligned}$$

$$\begin{aligned} 3722098081 &:= (37 + 220 - 9 + 8 - 08 - 1)^4 \\ &:= (372 - 20 - 98 - 08 + 1)^4 \\ &:= (-37 + 220 - 9 - 8 + 081)^4 \\ &:= (-37 + 2 + 209 - 8 + 081)^4 \\ &:= (3 + 72 + 20 - 9 + 80 + 81)^4 \\ &:= (3 + 7 + 220 + 98 - 081)^4 \\ &:= (37 + 220 - 9 + 80 - 81)^4 \\ &:= (37 + 2 + 209 + 80 - 81)^4 \end{aligned}$$

$$3752779464 := (3 + 752 + 7 + 794 - 6 + 4)^3$$

$$3759161344 := (-37 - 5 + 9 + 1 + 61344)^2$$

$$3767287616 := (-3 + 76 + 728 + 761 - 6)^3$$

$$\begin{aligned} 3782742016 &:= (3 - 7 - 8 + 274 + 2 - 016)^4 \\ &:= (3 + 7 + 8 + 27 - 4 + 201 + 6)^4 \end{aligned}$$

$$3796161769 := (-3 - 7 - 9 + 61617 + 6 + 9)^2$$

$$3803721481 := (3 + 8 - 03 + 72 + 1481)^3$$

$$3825694144 := (-3 - 8 - 2569 + 4144)^3$$

$$3844124001 := (3 + 8 + 4 - 4 - 1 + 240 - 01)^4$$

$$3855122432 := (3 - 855 - 12 + 2432)^3$$

$$3862622500 := (-38 - 62 + 62250 + 0)^2$$

$$3884701248 := (3 + 884 + 701 - 24 + 8)^3$$

$$3892119517 := (-38 + 9 + 2119 - 517)^3$$

$$3899547224 := (3 + 899 - 54 + 722 + 4)^3$$

$$3906250000 := (3 - 9 + 06 + 250 + 000)^4$$

$$3906625009 := (-3 - 9 + 06 + 62500 + 9)^2$$

$$3929352552 := (-3 + 92 + 935 + 2 + 552)^3$$

$$3939040643 := (3 + 9 - 3 + 9 + 04 + 064 - 3)^5$$

$$:= (39 + 39 + 04 - 06 + 4 + 3)^5$$

$$:= (3 - 9 - 3 - 9 + 040 + 64 - 3)^5$$

$$:= (3 + 9 + 3 - 9 + 040 - 6 + 43)^5$$

$$:= (-39 - 3 + 90 + 40 - 6 + 4 - 3)^5$$

$$:= (3 + 93 - 90 + 40 - 6 + 43)^5$$

$$3969126001 := (3 - 9 + 6 - 9 + 1 + 260 - 01)^4$$

$$:= (3 + 96 + 91 + 2 + 60 - 01)^4$$

$$:= (-3 - 96 + 91 + 260 - 01)^4$$

$$3981876625 := (3 - 9 + 818 + 766 + 2 + 5)^3$$

$$4012099469 := (-40 - 1 + 2099 - 469)^3$$

$$4032758016 := (4 - 03 + 275 - 8 - 016)^4$$

$$:= (4 - 0327 + 580 + 1 - 6)^4$$

$$4097152081 := (40 - 9 + 7 + 1 + 5 + 208 + 1)^4$$

$$4125364441 := (41 - 253 + 64441)^2$$

$$4134520125 := (-413 - 4 + 5 + 2012 + 5)^3$$

$$4162314256 := (4 + 16 + 231 + 4 - 2 - 5 + 6)^4$$

$$:= (4 - 16 + 2 + 3 + 1 + 4 + 256)^4$$

$$:= (4 + 1 - 62 + 314 - 2 + 5 - 6)^4$$

$$:= (4 + 1 + 6 - 2 + 3 - 14 + 256)^4$$

$$:= (41 - 6 - 2 - 31 - 4 + 256)^4$$

$$:= (-4 + 162 - 3 + 1 + 42 + 56)^4$$

$$\begin{aligned}
4162314256 &:= (4 - 16 + 231 + 4 + 25 + 6)^4 \\
&:= (-4 - 16 + 23 - 1 - 4 + 256)^4 \\
&:= (-4 + 1 + 62 - 3 + 142 + 56)^4 \\
&:= (4 - 1 + 6 + 231 - 42 + 56)^4 \\
&:= (-4 - 1 - 6 + 23 - 14 + 256)^4 \\
&:= (41 - 6 - 23 - 14 + 256)^4
\end{aligned}$$

$$4167864481 := (4 - 1 + 67 + 8 + 64481)^2$$

$$\begin{aligned}
4182119424 &:= (4 + 1 + 82 - 1 - 1 + 9 - 4 - 2 - 4)^5 \\
&:= (41 + 8 + 21 - 1 + 9 + 4 - 2 + 4)^5 \\
&:= (41 - 8 + 2 + 1 + 1 + 9 + 42 - 4)^5 \\
&:= (41 + 8 - 2 + 1 - 1 + 9 + 4 + 24)^5 \\
&:= (4 - 18 + 2 + 1 - 1 + 94 - 2 + 4)^5 \\
&:= (4 + 1 - 8 - 2 - 11 + 94 + 2 + 4)^5 \\
&:= (41 + 82 - 1 - 1 - 9 - 4 - 24)^5 \\
&:= (41 + 8 - 21 + 1 + 9 + 42 + 4)^5
\end{aligned}$$

$$\begin{aligned}
4182119424 &:= (4 + 182 - 1 - 1 - 94 - 2 - 4)^5 \\
&:= (4 + 18 - 2 - 1 + 19 + 42 + 4)^5 \\
&:= (4 + 1 + 8 - 2 + 119 - 42 - 4)^5 \\
&:= (4 - 1 - 8 - 2 + 119 - 4 - 24)^5 \\
&:= (-4 + 1 + 8 - 2 + 11 + 94 - 24)^5 \\
&:= (41 - 82 + 119 + 4 - 2 + 4)^5 \\
&:= (4 - 18 - 21 + 1 + 94 + 24)^5 \\
&:= (-4 + 1 - 82 - 1 + 194 - 24)^5
\end{aligned}$$

$$4227952113 := (-422 - 79 + 5 + 2113)^3$$

$$\begin{aligned}
4228250625 &:= (4 - 2 - 2 + 8 + 250 - 6 - 2 + 5)^4 \\
&:= (4 + 22 - 8 + 250 - 6 - 2 - 5)^4 \\
&:= (42 - 28 + 250 - 6 + 2 - 5)^4 \\
&:= (42 + 2 - 8 + 250 - 6 - 25)^4 \\
&:= (4 - 22 - 8 + 250 + 6 + 25)^4 \\
&:= (4 - 2 - 28 + 250 + 6 + 25)^4 \\
&:= (42 + 282 - 50 + 6 - 25)^4 \\
&:= (4 - 228 - 2 + 506 - 25)^4 \\
&:= (4 + 2 - 282 + 506 + 25)^4
\end{aligned}$$

$$\begin{aligned}
4256518564 &:= (-4 + 2 - 5 + 65185 + 64)^2 \\
4262653521 &:= (-4 + 2 - 62 + 65352 + 1)^2 \\
4267293848 &:= (42 + 6 + 729 - 3 + 848)^3 \\
4275191367 &:= (-42 + 751 + 913 - 6 + 7)^3 \\
4291015625 &:= (-4 - 2 - 9 + 1015 + 625)^3 \\
4293656676 &:= (-42 - 93 + 65667 - 6)^2
\end{aligned}$$

$$\begin{aligned}
4294967296 &:= (4 + 2 + 9 - 4 + 9 + 6 - 7 - 2 - 9 - 6)^{32} \\
&:= (42 - 9 - 4 - 9 + 6 - 7 - 2 - 9 - 6)^{32} \\
&:= (4 + 29 - 4 - 9 + 6 - 7 - 2 - 9 - 6)^{32} \\
&:= (4 - 2 + 9 + 4 + 9 + 6 + 7 - 29 - 6)^{32}
\end{aligned}$$

$$\begin{aligned}
4294967296 &:= (42 + 9 - 49 + 6 + 7 + 2 - 9 - 6)^{32} \\
&:= (42 + 9 - 4 + 9 - 67 - 2 + 9 + 6)^{32} \\
&:= (42 + 9 - 4 - 9 + 6 - 7 - 29 - 6)^{32} \\
&:= (4 + 29 - 49 + 6 + 7 + 2 + 9 - 6)^{32} \\
&:= (4 - 29 - 4 + 9 + 6 - 7 + 29 - 6)^{32} \\
&:= (4 + 2 - 94 + 96 + 7 + 2 - 9 - 6)^{32} \\
&:= (-4 - 2 + 94 - 96 - 7 + 2 + 9 + 6)^{32}
\end{aligned}$$

$$\begin{aligned}
4294967296 &:= (4 + 2 - 94 + 9 + 6 + 72 + 9 - 6)^{32} \\
&:= (4 + 2 - 94 + 9 - 6 + 72 + 9 + 6)^{32} \\
&:= (4 - 2 + 94 - 9 + 6 + 7 - 2 - 96)^{32} \\
&:= (4 + 2 + 94 + 9 - 6 - 7 + 2 - 96)^{32} \\
&:= (4 + 2 - 94 + 9 - 6 - 7 - 2 + 96)^{32} \\
&:= (4 + 2 - 9 - 49 + 67 + 2 - 9 - 6)^{32} \\
&:= (4 + 2 + 9 - 49 - 6 + 7 + 29 + 6)^{32} \\
&:= (4 + 2 - 9 - 4 + 96 - 72 - 9 - 6)^{32} \\
&:= (4 + 2 + 9 - 4 + 96 - 7 - 2 - 96)^{32} \\
&:= (4 + 2 - 9 - 4 + 96 + 7 + 2 - 96)^{32}
\end{aligned}$$

$$\begin{aligned}
4294967296 &:= (4 + 2 - 9 - 4 - 9 - 6 - 72 + 96)^{32} \\
&:= (42 - 94 - 9 + 6 + 72 - 9 - 6)^{32} \\
&:= (42 - 94 - 9 - 6 + 72 - 9 + 6)^{32} \\
&:= (42 - 9 + 4 + 9 - 67 + 29 - 6)^{32} \\
&:= (4 + 29 + 49 - 67 + 2 - 9 - 6)^{32} \\
&:= (4 + 2 - 9 + 49 - 67 + 29 - 6)^{32} \\
&:= (42 - 94 + 96 - 7 - 29 - 6)^{32} \\
&:= (42 - 9 - 49 - 6 - 72 + 96)^{32} \\
&:= (4 - 294 + 9 - 6 - 7 + 296)^{32} \\
&:= (4 + 29 - 49 - 6 - 72 + 96)^{32} \\
&:= (429 - 496 + 72 - 9 + 6)^{32}
\end{aligned}$$

$$\begin{aligned}
4294967296 &:= (4 + 2 + 9 - 4 + 9 - 6 + 7 - 2 - 9 - 6)^{16} & 4294967296 &:= (42 + 94 - 96 - 7 - 2 - 9 - 6)^8 \\
&:= (4 + 29 - 4 - 9 - 6 + 7 - 2 - 9 - 6)^{16} &&:= (42 + 9 + 49 - 67 - 2 - 9 - 6)^8 \\
&:= (42 + 9 - 49 - 6 + 7 - 2 + 9 - 6)^{16} &&:= (42 + 9 + 4 - 96 + 72 - 9 - 6)^8 \\
&:= (42 + 9 - 4 - 9 - 6 + 7 - 29 - 6)^{16} &&:= (42 + 9 + 4 - 9 - 6 + 72 - 96)^8 \\
&&&:= (4 - 2 + 94 - 96 - 7 + 29 - 6)^8 \\
&&&:= (4 + 2 - 9 + 49 - 6 + 72 - 96)^8 \\
4294967296 &:= (-4 - 29 + 49 - 6 + 7 + 2 - 9 - 6)^{16} &&:= (42 - 94 + 96 + 7 - 29 - 6)^8 \\
&:= (4 + 29 - 4 + 9 - 6 + 7 - 29 - 6)^{16} &&:= (42 - 9 - 49 + 67 - 29 - 6)^8 \\
&:= (-4 + 2 + 94 - 96 + 7 - 2 + 9 - 6)^{16} &&:= (4 - 294 + 9 - 6 + 7 + 296)^8 \\
&:= (-4 - 2 + 94 - 9 - 6 - 72 + 9 - 6)^{16} &&:= (4 + 29 - 49 + 67 - 29 - 6)^8 \\
&:= (-4 - 2 + 9 - 49 + 67 - 2 - 9 - 6)^{16} &&:= (-4 - 2 + 94 + 96 - 72 - 96)^8 \\
&:= (-4 - 2 + 9 - 4 + 96 + 7 - 2 - 96)^{16} &&:= (42 + 94 - 96 + 72 - 96)^8 \\
&:= (-42 + 9 - 4 + 9 + 67 - 29 - 6)^{16} && \\
&:= (-4 - 2 - 9 + 49 - 6 + 72 - 96)^{16} & 4294967296 &:= (4 + 2 + 94 - 9 + 67 + 2 + 96)^4 \\
&:= (-4 + 294 + 9 - 6 + 7 - 296)^{16} &&:= (4 + 294 + 9 + 6 - 72 + 9 + 6)^4 \\
&&&:= (42 + 94 + 96 - 72 + 96)^4 \\
&&&:= (-4 - 2 + 949 - 672 - 9 - 6)^4 \\
4294967296 &:= (4 + 2 + 9 - 4 + 9 + 6 + 7 - 2 - 9 - 6)^8 &&:= (42 - 9 + 49 + 6 + 72 + 96)^4 \\
&:= (42 + 9 + 4 - 9 - 6 - 7 - 2 - 9 - 6)^8 && \\
&:= (4 + 29 + 4 + 9 - 6 - 7 - 2 - 9 - 6)^8 && \\
&:= (4 + 2 - 9 + 49 - 6 - 7 - 2 - 9 - 6)^8 && \\
4294967296 &:= (4 - 2 + 9 + 4 - 9 - 6 - 7 + 29 - 6)^8 & 4362470401 &:= (4 - 3 + 6 + 247 + 04 - 01)^4 \\
&:= (42 + 9 - 49 + 6 + 7 - 2 + 9 - 6)^8 &&:= (43 + 6 + 247 - 040 + 1)^4 \\
&:= (-42 - 9 - 4 - 9 + 67 - 2 + 9 + 6)^8 && \\
&:= (42 + 9 + 4 + 9 - 6 - 7 - 29 - 6)^8 & 4386781853 &:= (4 - 3 + 8 - 6 + 781 + 853)^3 \\
&:= (4 - 29 + 49 - 6 - 7 + 2 + 9 - 6)^8 & 4393966369 &:= (-4 - 39 - 39 + 66369)^2 \\
&:= (4 + 29 - 4 + 9 + 6 + 7 - 29 - 6)^8 && \\
4294967296 &:= (4 - 29 - 4 + 9 + 6 + 7 + 29 - 6)^8 & 4430766096 &:= (4 + 4 + 307 + 6 - 60 - 9 + 6)^4 \\
&:= (4 + 29 - 4 + 9 - 6 + 7 - 29 + 6)^8 &&:= (-44 - 307 - 6 + 609 + 6)^4 \\
&:= (4 - 29 - 4 + 9 - 6 + 7 + 29 + 6)^8 && \\
&:= (4 + 2 - 94 + 96 + 7 - 2 + 9 - 6)^8 && \\
&:= (4 + 2 + 94 + 9 - 6 - 72 - 9 - 6)^8 && \\
&:= (-4 + 2 + 94 + 9 + 6 + 7 - 2 - 96)^8 && \\
&:= (4 + 2 - 94 + 9 - 6 + 7 - 2 + 96)^8 && \\
&:= (4 + 2 + 9 + 49 - 6 - 7 - 29 - 6)^8 && \\
&:= (4 - 2 + 9 - 4 + 96 - 72 - 9 - 6)^8 && \\
&:= (4 + 2 + 9 - 4 - 96 + 7 - 2 + 96)^8 & 4466783556 &:= (4 - 4 + 66783 - 5 + 56)^2 \\
&:= (4 - 2 + 9 - 4 - 9 - 6 - 72 + 96)^8 & 4481766916 &:= (44 - 8 + 1 - 7 + 66916)^2
\end{aligned}$$

$$4499860561 := (44 - 9 + 98 + 60 + 5 + 61)^4$$

$$:= (-449 + 98 + 605 + 6 - 1)^4$$

$$4526732961 := (-45 + 2 + 67329 - 6 + 1)^2$$

$$4586471424 := (4 - 5 + 8 + 6 - 4 + 7 + 14 - 2 - 4)^7$$

$$:= (45 + 8 - 6 + 4 - 7 - 14 - 2 - 4)^7$$

$$:= (4 + 58 + 6 - 47 + 1 + 4 + 2 - 4)^7$$

$$:= (4 + 58 - 6 + 4 - 7 - 1 - 4 - 24)^7$$

$$:= (4 + 58 - 6 - 4 - 7 - 1 + 4 - 24)^7$$

$$:= (4 - 5 + 86 + 4 - 71 + 4 - 2 + 4)^7$$

$$:= (4 - 5 - 8 + 6 + 47 - 14 - 2 - 4)^7$$

$$:= (4 - 5 - 8 - 6 + 47 - 14 + 2 + 4)^7$$

$$:= (4 + 5 - 8 - 6 + 4 + 71 - 42 - 4)^7$$

$$4586471424 := (4 + 5 + 8 + 6 + 4 + 7 + 14 - 24)^7$$

$$:= (45 - 86 - 4 + 71 + 4 - 2 - 4)^7$$

$$:= (45 + 8 + 6 - 47 + 14 + 2 - 4)^7$$

$$:= (45 + 8 + 6 - 4 + 7 - 14 - 24)^7$$

$$:= (4 + 58 - 64 + 7 - 1 - 4 + 24)^7$$

$$:= (4 - 58 - 6 + 47 - 1 + 42 - 4)^7$$

$$:= (-4 + 5 + 86 - 47 - 14 + 2 - 4)^7$$

$$:= (4 - 5 - 8 + 64 + 7 - 14 - 24)^7$$

$$:= (458 - 6 + 4 - 7 - 1 - 424)^7$$

$$:= (45 - 8 - 64 + 71 + 4 - 24)^7$$

$$:= (-458 + 64 - 7 + 1 + 424)^7$$

$$4624680025 := (4 + 6 + 2 - 4 + 68002 - 5)^2$$

$$4640470641 := (-4 - 6 + 404 - 70 - 64 + 1)^4$$

$$:= (-46 - 404 + 706 + 4 + 1)^4$$

$$:= (-46 - 404 + 70 + 641)^4$$

$$4683896721 := (4 + 68389 + 67 - 21)^2$$

$$4684307364 := (4 + 68430 + 7 + 3 - 6 + 4)^2$$

$$4684444249 := (-4 + 68444 - 4 + 2 - 4 + 9)^2$$

$$4684581136 := (4 + 68458 + 1 - 13 - 6)^2$$

$$4690469169 := (4 - 690 + 4 + 69169)^2$$

$$4704270176 := (4 + 70 - 4 - 2 + 7 + 017 - 6)^5$$

$$:= (4 + 7 - 04 - 2 + 70 + 17 - 6)^5$$

$$:= (4 - 7 + 042 + 70 - 17 - 6)^5$$

$$:= (47 - 042 + 70 + 17 - 6)^5$$

$$4705685604 := (47 - 05 + 68560 - 4)^2$$

$$4711998736 := (4 + 71 + 199 - 8 - 7 - 3 + 6)^4$$

$$:= (471 - 199 - 8 + 7 - 3 - 6)^4$$

$$:= (47 + 119 + 98 + 7 - 3 - 6)^4$$

$$:= (4 - 711 - 9 + 987 - 3 - 6)^4$$

$$:= (4 + 7 + 1 + 199 + 87 - 36)^4$$

$$:= (4 - 711 + 998 + 7 - 36)^4$$

$$:= (4 + 7 - 11 + 998 - 736)^4$$

$$4736880625 := (47 - 3 + 68806 - 25)^2$$

$$4750104241 := (4 - 7 + 50 + 1 - 04 + 2 - 4 - 1)^6$$

$$:= (47 - 5 - 010 + 4 + 2 + 4 - 1)^6$$

$$:= (4 + 75 + 01 - 042 + 4 - 1)^6$$

$$:= (4 + 75 + 01 + 04 - 2 - 41)^6$$

$$:= (4 + 7 - 5 - 010 + 42 + 4 - 1)^6$$

$$:= (4 + 7 + 5 - 010 - 4 - 2 + 41)^6$$

$$:= (47 - 50 - 1 + 042 + 4 - 1)^6$$

$$:= (47 - 50 + 1 + 04 - 2 + 41)^6$$

$$:= (47 + 5 + 010 + 4 - 24 - 1)^6$$

$$:= (47 + 5 - 010 - 42 + 41)^6$$

$$4753688809 := (4 + 75 - 3 + 68880 - 9)^2$$

$$4758586568 := (-4 + 758 - 5 + 865 + 68)^3$$

$$4761690025 := (-4 + 7 - 6 + 1 + 69002 + 5)^2$$

$$4767078987 := (-4 + 7 - 6 + 707 - 8 + 987)^3$$

$$4784350561 := (4 - 7 - 84 + 350 + 5 - 6 + 1)^4$$

$$:= (478 - 4 + 350 - 561)^4$$

$$4806926224 := (-4 + 80 + 69262 - 2 - 4)^2$$

$$4814694544 := (-48 - 14 + 69454 - 4)^2$$

$$4819969476 := (48 + 1 - 99 + 69476)^2$$

$$4833169441 := (48 + 33 - 1 + 69441)^2$$

$$4857532416 := (-48 + 5 - 7 - 5 + 324 + 1 - 6)^4$$

$$:= (-48 + 57 + 5 + 3 + 241 + 6)^4$$

$$:= (4 + 85 - 75 + 3 + 241 + 6)^4$$

$$:= (-4 + 8 - 5 - 75 + 324 + 16)^4$$

$$4861163384 := (4 + 8 + 61 + 1633 - 8 - 4)^3$$

$$4887035873 := (-48 + 870 - 3 + 5 + 873)^3$$

$$4921675101 := (-4 + 9216 - 7510 - 1)^3$$

$$4931269729 := (493 - 1 + 2 + 69729)^2$$

$$4931550625 := (4 + 9 + 315 - 50 - 6 - 2 - 5)^4$$

$$:= (4 + 931 + 5 - 50 - 625)^4$$

$$:= (49 - 315 + 506 + 25)^4$$

$$4937170225 := (49 - 3 - 7 + 1 + 70225)^2$$

$$4947761664 := (4 + 947 + 761 - 6 - 6 + 4)^3$$

$$4984209207 := (-4 + 9 + 84 - 2 + 09 - 2 - 07)^5$$

$$:= (49 - 8 + 42 + 09 + 2 - 07)^5$$

$$:= (-4 - 9 + 84 + 20 - 9 - 2 + 07)^5$$

$$:= (49 - 8 + 42 - 09 + 20 - 7)^5$$

$$:= (-4 + 9 + 84 + 20 - 9 - 20 + 7)^5$$

$$:= (-4 + 984 + 20 - 920 + 7)^5$$

$$:= (-4 + 9 + 84 - 209 + 207)^5$$

$$5017776128 := (-50 + 1777 - 6 + 1 - 2 - 8)^3$$

$$5041710025 := (5 + 04 - 1 + 71002 - 5)^2$$

$$5073712900 := (-50 - 7 - 3 + 71290 + 0)^2$$

$$5082121521 := (50 + 8 + 212 + 1 - 5 + 2 - 1)^4$$

$$:= (50 + 8 - 2 - 1 + 215 - 2 - 1)^4$$

$$:= (-5 + 08 + 212 + 1 + 52 - 1)^4$$

$$:= (-50 + 82 - 1 + 215 + 21)^4$$

$$5106219048 := (-510 - 6 + 2190 + 48)^3$$

$$5131716496 := (5 - 13 + 1 + 71649 - 6)^2$$

$$5158686976 := (51 + 58 + 6 + 86 - 9 + 76)^4$$

$$:= (-515 + 868 + 6 - 97 + 6)^4$$

$$5159780352 := (51 - 5 - 9 - 7 - 8 - 03 - 5 - 2)^9$$

$$:= (5 + 15 - 9 - 7 + 8 - 03 + 5 - 2)^9$$

$$:= (5 - 1 - 5 - 9 - 7 - 8 + 035 + 2)^9$$

$$:= (5 + 1 - 5 + 97 - 80 - 3 - 5 + 2)^9$$

$$:= (51 - 5 - 97 + 8 + 03 + 52)^9$$

$$:= (-5 - 15 + 9 + 78 - 03 - 52)^9$$

$$:= (-5 - 1 + 59 - 78 + 035 + 2)^9$$

$$:= (-51 - 59 - 7 + 80 - 3 + 52)^9$$

$$:= (-5 + 159 - 7 - 80 - 3 - 52)^9$$

$$:= (-5 - 15 - 97 + 80 - 3 + 52)^9$$

$$5165871876 := (-5 + 16 - 5 - 8 + 71876)^2$$

$$5168743489 := (5 + 1687 + 4 + 34 + 8 - 9)^3$$

$$5168743489 := (516 + 874 + 348 - 9)^3$$

$$5171911056 := (5 + 1 + 71911 + 05 - 6)^2$$

$$:= (-51 + 71911 + 056)^2$$

$$5177717000 := (51 - 7 - 7 - 7 + 1700 + 0)^3$$

$$5184720025 := (5 - 1 + 8 - 4 + 72002 - 5)^2$$

$$5186700891 := (-5186 + 7008 - 91)^3$$

$$5231776256 := (-52 + 3 + 1776 - 2 + 5 + 6)^3$$

$$:= (-5 + 23 + 1776 - 2 - 56)^3$$

$$5236114321 := (-5 + 236 - 1 - 1 + 43 - 2 - 1)^4$$

$$:= (5 + 236 + 1 - 1 + 4 + 3 + 21)^4$$

$$:= (5 + 2 - 3 - 61 + 1 + 4 + 321)^4$$

$$:= (-5 + 236 + 11 - 4 + 32 - 1)^4$$

$$:= (52 + 361 - 143 - 2 + 1)^4$$

$$5277112021 := (-5 - 277 + 1 + 1 + 2021)^3$$

$$5277319168 := (52 + 7 + 7 - 3 + 1 + 9 + 1 + 6 + 8)^5$$

$$:= (5 + 2 + 77 - 3 + 1 + 9 - 1 + 6 - 8)^5$$

$$:= (5 - 2 + 77 - 3 - 1 + 9 + 1 - 6 + 8)^5$$

$$:= (5 - 2 + 7 + 73 - 1 + 9 - 1 + 6 - 8)^5$$

$$:= (5 + 2 + 7 - 7 + 3 + 1 + 91 - 6 - 8)^5$$

$$:= (5 - 27 + 7 - 3 + 1 + 91 + 6 + 8)^5$$

$$:= (5 - 2 + 7 - 7 - 3 + 19 + 1 + 68)^5$$

$$\begin{aligned}
5277319168 &:= (52 + 77 - 31 - 9 + 1 + 6 - 8)^5 \\
&:= (5 - 2 + 77 - 3 + 19 - 16 + 8)^5 \\
&:= (5 - 2 + 7 + 73 - 19 + 16 + 8)^5 \\
&:= (-52 + 7 + 7 + 3 + 191 - 68)^5 \\
&:= (-5 - 27 - 73 + 191 - 6 + 8)^5 \\
&:= (5 - 2 + 77 + 31 - 91 + 68)^5 \\
&:= (-5 + 277 + 3 - 19 - 168)^5
\end{aligned}$$

$$5285726209 := (5 + 2 + 85 + 72620 - 9)^2$$

$$5287325796 := (-528 + 73257 - 9 - 6)^2$$

$$\begin{aligned}
5333673024 &:= (5 + 3 + 3 + 3 - 6 + 73024)^2 \\
&:= (5 - 33 + 36 + 73024)^2
\end{aligned}$$

$$5444373796 := (5 - 4 - 4 - 4 - 3 + 73796)^2$$

$$\begin{aligned}
5473632256 &:= (5 - 4 + 7 + 3 + 6 - 3 + 2 + 256)^4 \\
&:= (54 - 7 + 3 + 6 - 3 + 225 - 6)^4 \\
&:= (5 - 47 - 3 + 6 + 322 - 5 - 6)^4 \\
&:= (5 - 4 + 7 + 36 - 3 + 225 + 6)^4 \\
&:= (54 - 7 - 36 + 3 + 2 + 256)^4 \\
&:= (5 - 47 - 3 + 63 - 2 + 256)^4 \\
&:= (547 + 36 - 322 + 5 + 6)^4 \\
&:= (-5 + 47 - 36 + 322 - 56)^4 \\
&:= (-5 - 47 + 36 + 32 + 256)^4
\end{aligned}$$

$$5473928196 := (54 + 73928 + 1 + 9 - 6)^2$$

$$5476740025 := (5 + 4 - 7 + 6 + 74002 - 5)^2$$

$$\begin{aligned}
5489031744 &:= (54 - 8 + 9 + 03 - 1 - 7 - 4 - 4)^6 \\
&:= (5 + 4 + 8 + 9 + 031 - 7 - 4 - 4)^6 \\
&:= (5 - 48 + 90 - 3 - 1 + 7 - 4 - 4)^6 \\
&:= (5 + 48 + 9 - 03 - 17 + 4 - 4)^6 \\
&:= (-5 + 4 + 89 - 031 - 7 - 4 - 4)^6 \\
&:= (5 + 4 - 8 + 90 + 3 - 1 - 7 - 44)^6 \\
&:= (5 - 4 - 8 + 90 - 3 - 1 + 7 - 44)^6 \\
&:= (5 - 4 + 8 + 9 - 03 - 17 + 44)^6 \\
&:= (-54 - 8 + 90 - 3 + 17 + 4 - 4)^6 \\
&:= (5 + 48 + 9 + 031 - 7 - 44)^6 \\
&:= (54 + 89 - 031 - 74 + 4)^6 \\
&:= (5 + 48 + 90 - 31 - 74 + 4)^6 \\
&:= (5 - 48 - 90 - 3 + 174 + 4)^6
\end{aligned}$$

$$5498074201 := (5 - 49 - 8 + 074201)^2$$

$$\begin{aligned}
5517084663 &:= (5 + 5 + 1708 + 46 + 6 - 3)^3 \\
&:= (5 - 5 + 1708 - 4 + 66 - 3)^3 \\
&:= (-5 + 5 + 1708 - 4 + 66 - 3)^3
\end{aligned}$$

$$5554571841 := (55 - 5 + 45 - 7 + 184 + 1)^4$$

$$\begin{aligned}
5558746249 &:= (5 - 55 - 8 + 74624 - 9)^2 \\
&:= (5 - 5 - 58 + 74624 - 9)^2
\end{aligned}$$

$$5574115600 := (-55 + 74115 + 600)^2$$

$$5574712896 := (-55 + 74712 - 8 + 9 + 6)^2$$

$$\begin{aligned}
5584059449 &:= (5 + 5 + 84 - 05 + 9 + 4 - 4 - 9)^5 \\
&:= (5 + 5 + 8 + 40 + 5 - 9 + 44 - 9)^5 \\
&:= (5 + 5 + 8 + 40 - 5 - 9 - 4 + 49)^5 \\
&:= (55 + 84 - 059 + 4 - 4 + 9)^5 \\
&:= (-55 - 8 + 4 + 05 + 94 + 49)^5 \\
&:= (-5 + 58 - 40 + 59 + 4 + 4 + 9)^5 \\
&:= (5 - 58 + 40 - 5 + 94 + 4 + 9)^5 \\
&:= (5 - 58 + 4 - 05 + 94 + 49)^5 \\
&:= (55 + 84 - 05 - 94 + 49)^5 \\
&:= (55 + 8 + 40 - 59 - 4 + 49)^5 \\
&:= (5 + 58 + 40 - 59 - 4 + 49)^5 \\
&:= (-558 + 4 + 0594 + 49)^5
\end{aligned}$$

$$5591749284 := (-55 - 91 + 74928 - 4)^2$$

$$5601816576 := (5 + 6 + 01816 - 57 + 6)^3$$

$$5620762952 := (5 - 6 + 2076 - 295 - 2)^3$$

$$5625750025 := (5 + 6 + 2 - 5 + 75002 - 5)^2$$

$$5636405776 := (-5 - 63 + 6 + 405 + 7 - 76)^4$$

$$5637757225 := (5 - 637 + 75722 - 5)^2$$

$$5678376025 := (5 - 678 + 3 + 76025)^2$$

$$5719140625 := (57 + 191 - 4 + 06 + 25)^4$$

$$:= (57 - 191 + 406 - 2 + 5)^4$$

$$:= (57 + 191 - 40 + 62 + 5)^4$$

$$\begin{aligned}
5758381456 &:= (-5 + 75838 - 1 - 4 + 56)^2 & 6103515625 &:= (6 + 10 + 3 + 5 - 1 - 5 - 6 - 2 - 5)^{14} \\
5758988544 &:= (-5 + 75898 + 8 - 5 - 4 - 4)^2 & &:= (6 - 1 + 03 - 5 + 15 - 6 - 2 - 5)^{14} \\
5763694561 &:= (5 + 76369 - 456 + 1)^2 & &:= (61 + 03 - 51 + 5 - 6 - 2 - 5)^{14} \\
5768098704 &:= (5 + 76809 - 870 + 4)^2 & &:= (61 - 03 + 5 + 1 - 56 + 2 - 5)^{14} \\
& & &:= (6 + 10 - 3 + 5 + 1 + 5 + 6 - 25)^{14} \\
5802782976 &:= (580 - 2 - 7 + 8 - 297 - 6)^4 & &:= (6 + 1 + 035 - 1 - 5 - 6 - 25)^{14} \\
&:= (5 + 80 + 278 - 2 - 9 - 76)^4 & &:= (6 + 1 - 03 - 51 - 5 + 62 - 5)^{14} \\
& & &:= (6 + 1 - 03 + 5 + 15 + 6 - 25)^{14} \\
5804154225 &:= (-5 + 80415 - 4225)^2 & &:= (6 + 10 - 35 + 15 + 6 - 2 + 5)^{14} \\
& & &:= (6 + 10 - 3 + 51 - 56 + 2 - 5)^{14} \\
5822285399 &:= (-582 + 2285 - 3 + 99)^3 & &:= (6 + 103 - 51 - 56 - 2 + 5)^{14} \\
&:= (-5 - 82 + 2285 - 399)^3 & &:= (6 + 10 + 35 - 15 - 6 - 25)^{14} \\
& & &:= (610 + 3 - 51 - 562 + 5)^{14} \\
5827642921 &:= (-5 - 82 + 76429 - 2 - 1)^2 & &:= (610 + 35 - 15 - 625)^{14} \\
5841725401 &:= (-5 + 84 + 1725 - 4 + 01)^3 & & \\
5887339441 &:= (-58 - 8 - 7 - 3 + 394 - 41)^4 & 6103515625 &:= (6 + 1 + 03 + 51 - 5 - 6 - 25)^7 \\
& & &:= (-6 + 1 + 03 - 5 + 1 + 56 - 25)^7 \\
5904900000 &:= (5 + 90 + 4 - 9 + 00000)^5 & &:= (6 + 1 + 035 + 1 - 5 - 6 - 2 - 5)^7 \\
&:= (5 - 9 + 04 + 90 + 0000)^5 & &:= (6 + 1 - 03 + 5 - 15 + 6 + 25)^7 \\
& & &:= (6 + 1 - 03 - 51 + 5 + 62 + 5)^7 \\
5919918129 &:= (5 - 9 + 19 - 9 + 1812 - 9)^3 & &:= (6 - 1 + 03 + 5 + 15 - 6 - 2 + 5)^7 \\
&:= (5 + 9 + 1 + 991 + 812 - 9)^3 & &:= (-6 - 1 + 03 - 5 + 15 - 6 + 25)^7 \\
& & &:= (61 + 035 + 1 - 5 - 62 - 5)^7 \\
5949419328 &:= (-5 - 94 - 9 - 4 + 1932 - 8)^3 & &:= (6 - 1 + 035 - 1 + 5 + 6 - 25)^7 \\
&:= (-59 - 49 - 4 + 1932 - 8)^3 & &:= (61 + 03 - 5 - 15 + 6 - 25)^7 \\
& & &:= (6 - 1 + 035 - 1 - 5 - 6 + 2 - 5)^7 \\
5972816656 &:= (59 + 72 - 8 + 166 - 5 - 6)^4 & &:= (6 - 10 + 35 - 15 + 6 - 2 + 5)^7 \\
&:= (59 - 7 + 281 - 66 + 5 + 6)^4 & &:= (6 - 10 - 3 - 5 + 1 + 5 + 6 + 25)^7 \\
&:= (59 + 7 - 2 - 8 + 166 + 56)^4 & &:= (6 - 10 - 35 + 1 + 56 + 2 + 5)^7 \\
&:= (5 + 9 - 7 + 281 - 66 + 56)^4 & &:= (61 - 035 + 1 - 5 + 6 + 2 - 5)^7 \\
& & &:= (610 - 3 - 515 - 62 - 5)^7 \\
5979018375 &:= (5 + 979 - 01 + 837 - 5)^3 & & \\
6059221281 &:= (60 + 5 + 9 + 2 + 212 - 8 - 1)^4 & 6138539191 &:= (61 - 3 + 853 + 919 + 1)^3 \\
&:= (6 + 059 + 221 + 2 - 8 - 1)^4 & 6144678544 &:= (-6 - 144 - 6 + 78544)^2 \\
&:= (60 - 59 - 2 - 2 + 1 + 281)^4 & 6157854784 &:= (-6 + 15 + 78547 - 84)^2 \\
6077917521 &:= (60 + 77917 + 5 - 21)^2 & 6168761704 &:= (61 + 68 + 7 - 6 + 1704)^3 \\
6084780025 &:= (-6 + 08 - 4 + 78002 + 5)^2 & 6178857875 &:= (-6 + 1788 + 57 + 8 - 7 - 5)^3 \\
& & 6178903236 &:= (-61 + 78903 - 236)^2 \\
& & 6187867569 &:= (-6 + 1 + 8 + 78675 - 6 - 9)^2 \\
& & 6209212472 &:= (-6 + 2092 + 1 - 247 - 2)^3
\end{aligned}$$



$$\begin{aligned} 6227892889 &:= (6 + 2 - 2 + 78928 - 8 - 9)^2 \\ &:= (-6 - 22 + 78928 + 8 + 9)^2 \end{aligned}$$

$$\begin{aligned} 6324066576 &:= (6 + 324 - 066 + 5 + 7 + 6)^4 \\ &:= (6 - 3 + 240 - 6 - 6 + 57 - 6)^4 \end{aligned}$$

$$\begin{aligned} 6234839521 &:= (6 + 234 + 8 + 39 - 5 - 2 + 1)^4 \\ &:= (-6 + 2 + 348 - 3 - 9 - 52 + 1)^4 \\ &:= (-62 - 3 - 48 + 395 - 2 + 1)^4 \\ &:= (6 + 234 + 83 + 9 - 52 + 1)^4 \\ &:= (6 - 2 + 348 + 3 - 95 + 21)^4 \end{aligned}$$

$$\begin{aligned} 6390083844 &:= (-6 - 3900 + 83844)^2 \\ 6396800400 &:= (-63 + 9 - 6 + 80040 + 0)^2 \\ 6398880049 &:= (-63 - 9 + 8 + 8 + 80049)^2 \\ 6400480009 &:= (-6 + 4 - 004 + 80009)^2 \\ 6400800025 &:= (-6 + 4 + 0080002 + 5)^2 \\ 6404800900 &:= (-64 + 04 + 80090 + 0)^2 \end{aligned}$$

$$\begin{aligned} 6240321451 &:= (62 - 4 + 032 + 1 - 4 + 5 - 1)^5 \\ &:= (6 - 2 + 40 + 3 - 2 - 1 - 4 + 51)^5 \\ &:= (62 + 40 - 3 + 2 - 14 + 5 - 1)^5 \\ &:= (-62 + 4 + 03 + 2 + 145 - 1)^5 \\ &:= (-6 + 24 - 03 + 21 + 4 + 51)^5 \\ &:= (62 + 40 + 32 + 1 - 45 + 1)^5 \\ &:= (62 - 4 - 032 + 14 + 51)^5 \\ &:= (-6 + 240 + 3 - 2 - 145 + 1)^5 \\ &:= (62 - 40 + 32 - 14 + 51)^5 \end{aligned}$$

$$\begin{aligned} 6414247921 &:= (-641 + 4 + 2 + 4 - 7 + 921)^4 \\ &:= (-64 - 1 + 424 - 79 + 2 + 1)^4 \\ &:= (6 + 4 + 14 + 247 - 9 + 21)^4 \end{aligned}$$

$$\begin{aligned} 6279294564 &:= (6 + 2 + 79294 - 56 - 4)^2 \\ 6311112192 &:= (631 + 1 - 1 + 1219 - 2)^3 \end{aligned}$$

$$\begin{aligned} 6497329896 &:= (-6 - 4 + 973 - 2 + 9 + 896)^3 \\ 6518244032 &:= (-6 + 5 + 1824 + 40 + 3 + 2)^3 \\ 6528717909 &:= (-6 + 5 + 2 + 87 + 1790 - 9)^3 \\ 6561810025 &:= (6 - 5 + 6 + 1 + 81002 - 5)^2 \\ 6573804241 &:= (657 - 3 + 80424 + 1)^2 \\ 6581103376 &:= (6 + 5 + 81103 - 3 + 7 + 6)^2 \end{aligned}$$

$$\begin{aligned} 6321363049 &:= (63 - 2 + 1 + 3 - 6 - 3 - 04 - 9)^6 \\ &:= (6 + 3 + 21 - 3 + 6 - 3 + 04 + 9)^6 \\ &:= (6 + 3 - 2 - 1 - 3 - 6 - 3 + 049)^6 \\ &:= (63 - 21 + 3 + 6 - 3 + 04 - 9)^6 \\ &:= (6 + 32 + 13 - 6 + 3 + 04 - 9)^6 \\ &:= (-6 + 32 + 13 + 6 + 3 + 04 - 9)^6 \\ &:= (6 + 3 - 21 - 3 + 63 + 04 - 9)^6 \\ &:= (6 + 3 - 2 + 13 + 6 + 30 - 4 - 9)^6 \\ &:= (63 - 2 + 13 - 6 - 30 - 4 + 9)^6 \end{aligned}$$

$$\begin{aligned} 6590815232 &:= (6 + 5 + 90 - 8 + 1 + 5 - 2 - 3 - 2)^5 \\ 6590815232 &:= (65 + 9 - 08 + 1 - 5 - 2 + 32)^5 \\ &:= (6 + 59 + 08 - 1 - 5 + 23 + 2)^5 \\ &:= (6 + 5 + 90 + 8 - 1 + 5 - 23 + 2)^5 \\ &:= (65 + 9 + 08 - 15 + 23 + 2)^5 \\ &:= (6 - 59 - 08 + 152 + 3 - 2)^5 \\ &:= (6 + 59 + 08 - 15 + 2 + 32)^5 \\ &:= (-6 - 5 + 90 - 8 + 1 + 52 - 32)^5 \\ &:= (-6 + 5 + 90 - 81 + 52 + 32)^5 \end{aligned}$$

$$\begin{aligned} 6321363049 &:= (63 - 2 - 1 - 3 - 63 + 049)^6 \\ &:= (6 - 32 - 1 - 3 - 6 + 30 + 49)^6 \\ &:= (6 - 3 - 21 + 36 + 30 + 4 - 9)^6 \\ &:= (63 - 21 + 36 - 30 + 4 - 9)^6 \\ &:= (63 - 2 - 1 - 36 - 30 + 49)^6 \\ &:= (6 - 321 + 363 + 04 - 9)^6 \\ &:= (6 + 3 - 21 + 36 - 30 + 49)^6 \\ &:= (-632 - 1 - 3 + 630 + 49)^6 \\ &:= (-63 - 213 + 6 + 304 + 9)^6 \end{aligned}$$

$$\begin{aligned} 6591796875 &:= (65 + 917 + 968 - 75)^3 \\ 6597500625 &:= (-65 + 975 - 00625)^4 \\ 6646814784 &:= (6 - 6 + 46 + 81478 + 4)^2 \\ 6690585616 &:= (6 - 6 + 905 - 8 + 5 - 616)^4 \\ 6697829125 &:= (-6 - 6 + 978 + 2 + 912 + 5)^3 \\ 6761990971 &:= (-6 - 76 + 1990 - 9 - 7 - 1)^3 \\ 6776582400 &:= (-6 + 7 - 76 - 5 + 82400)^2 \end{aligned}$$

$$\begin{aligned}
6784652161 &:= (67 + 8 - 4 + 6 - 5 + 216 - 1)^4 \\
&:= (6 - 7 + 84 - 6 - 5 + 216 - 1)^4 \\
&:= (6 + 7 + 8 + 46 + 5 + 216 - 1)^4 \\
&:= (67 - 8 + 4 + 65 - 2 + 161)^4 \\
&:= (6 + 78 - 4 - 6 + 52 + 161)^4 \\
&:= (-6 + 784 - 652 + 161)^4
\end{aligned}$$

$$\begin{aligned}
6816648969 &:= (-6 + 81664 + 896 + 9)^2 \\
6823751236 &:= (-6 + 82375 + 1 + 236)^2 \\
6825568689 &:= (-6 + 82556 + 8 + 68 - 9)^2 \\
6825899161 &:= (6 + 82589 + 9 + 16 - 1)^2
\end{aligned}$$

$$\begin{aligned}
6826725376 &:= (6 + 82672 - 53 - 7 + 6)^2 \\
&:= (-6 + 82705 - 5 + 8 - 76)^2
\end{aligned}$$

$$\begin{aligned}
6827882161 &:= (6 + 82788 - 2 - 161)^2 \\
6860643241 &:= (6 + 86064 - 3241)^2 \\
6879707136 &:= (-687 + 970 + 7 + 1 + 3 - 6)^4 \\
6891541327 &:= (689 + 1541 - 327)^3 \\
6924185416 &:= (69 - 24 + 1854 + 1 + 6)^3
\end{aligned}$$

$$\begin{aligned}
6956883693 &:= (69 + 5 + 6 + 8 + 8 + 3 + 6 - 9 - 3)^5 \\
&:= (6 + 9 + 5 + 6 + 88 - 3 - 6 - 9 - 3)^5 \\
&:= (6 - 9 + 5 + 6 + 8 + 83 + 6 - 9 - 3)^5 \\
&:= (6 + 9 + 5 - 6 + 8 + 8 - 3 + 69 - 3)^5 \\
&:= (6 - 9 + 5 + 6 + 8 + 8 + 3 + 69 - 3)^5 \\
&:= (6 + 95 + 6 + 8 + 8 - 36 + 9 - 3)^5 \\
&:= (69 + 56 + 8 + 8 - 36 - 9 - 3)^5 \\
&:= (69 - 56 - 8 - 8 - 3 + 6 + 93)^5
\end{aligned}$$

$$\begin{aligned}
6956883693 &:= (69 + 5 + 6 + 88 - 3 - 69 - 3)^5 \\
&:= (69 + 5 - 6 + 88 + 3 - 69 + 3)^5 \\
&:= (69 + 5 - 6 + 8 + 83 - 69 + 3)^5 \\
&:= (6 + 95 + 68 + 8 + 3 + 6 - 93)^5 \\
&:= (6 - 9 + 56 + 88 - 36 - 9 - 3)^5 \\
&:= (69 + 5 + 68 + 8 + 36 - 93)^5 \\
&:= (695 + 6 + 88 - 3 - 693)^5 \\
&:= (6 + 95 + 688 - 3 - 693)^5
\end{aligned}$$

$$\begin{aligned}
6975757441 &:= (6 + 9 + 7 - 5 + 7 - 5 + 7 - 4 - 4 - 1)^8 \\
&:= (6 - 9 + 7 - 5 - 7 - 5 - 7 - 4 + 41)^8 \\
&:= (69 + 7 + 5 - 7 - 5 - 7 - 44 - 1)^8 \\
&:= (69 + 7 + 5 - 7 - 5 - 7 - 4 - 41)^8 \\
&:= (6 + 97 + 5 - 75 - 7 - 4 - 4 - 1)^8 \\
&:= (6 + 9 + 75 - 75 - 7 + 4 + 4 + 1)^8 \\
&:= (6 + 9 - 7 + 57 - 57 + 4 + 4 + 1)^8 \\
&:= (-6 + 9 + 7 - 57 - 5 + 74 - 4 - 1)^8 \\
&:= (6 - 97 - 5 + 75 - 7 + 44 + 1)^8
\end{aligned}$$

$$\begin{aligned}
6975757441 &:= (6 - 97 + 5 - 7 - 5 + 74 + 41)^8 \\
&:= (6 - 9 - 75 - 7 + 57 + 44 + 1)^8 \\
&:= (69 + 75 - 75 - 7 - 4 - 41)^8 \\
&:= (69 - 7 + 57 - 57 - 44 - 1)^8 \\
&:= (69 - 7 + 57 - 57 - 4 - 41)^8 \\
&:= (69 - 7 - 5 + 75 - 74 - 41)^8 \\
&:= (-6 - 9 + 757 - 5 - 7 - 441)^4 \\
&:= (-6 - 9 - 7 - 5 + 757 - 441)^4
\end{aligned}$$

$$\begin{aligned}
6978430369 &:= (-697 + 84303 - 69)^2 \\
6978821031 &:= (-6 - 97 - 88 + 2103 - 1)^3 \\
6985783561 &:= (69 + 8 - 57 + 83561)^2 \\
7056840025 &:= (7 - 05 + 6 + 84002 - 5)^2 \\
7058184169 &:= (-70 - 5 - 81 + 84169)^2 \\
7114585104 &:= (-711 - 45 + 85104)^2 \\
7119984400 &:= (7 + 1 - 19 - 9 + 84400)^2 \\
7184766169 &:= (-71 + 84766 - 1 + 69)^2 \\
7225850025 &:= (7 - 2 - 2 + 5 + 85002 - 5)^2
\end{aligned}$$

$$\begin{aligned}
7256313856 &:= (7 + 2 + 5 + 6 + 3 - 1 + 3 + 8 + 5 + 6)^6 \\
&:= (7 + 25 + 6 + 3 - 1 - 3 + 8 + 5 - 6)^6 \\
&:= (7 + 2 - 5 + 63 - 1 - 3 - 8 - 5 - 6)^6 \\
&:= (72 + 5 - 6 - 31 - 3 + 8 + 5 - 6)^6 \\
&:= (7 - 25 + 63 - 1 + 3 + 8 - 5 - 6)^6 \\
&:= (7 + 2 + 56 - 31 + 3 + 8 + 5 - 6)^6 \\
&:= (7 + 2 + 5 - 63 - 1 + 3 + 85 + 6)^6 \\
&:= (7 + 2 + 5 - 6 - 31 + 3 + 8 + 56)^6 \\
&:= (7 - 2 - 5 + 6 + 3 - 13 - 8 + 56)^6 \\
&:= (72 + 56 + 3 + 1 + 3 - 85 - 6)^6
\end{aligned}$$

$$\begin{aligned}
7256313856 &:= (72 - 5 - 63 + 1 + 38 - 5 + 6)^6 \\
&:= (7 + 25 - 63 - 1 - 3 + 85 - 6)^6 \\
&:= (7 + 25 + 6 - 31 + 38 + 5 - 6)^6 \\
&:= (7 + 25 - 6 - 31 + 38 + 5 + 6)^6 \\
&:= (7 - 2 - 56 + 3 + 13 + 85 - 6)^6 \\
&:= (7 - 2 - 5 + 63 - 1 + 38 - 56)^6 \\
&:= (7 + 2 + 5 - 63 - 1 + 38 + 56)^6 \\
&:= (-7 - 25 - 63 + 138 - 5 + 6)^6 \\
&:= (7 + 25 + 63 + 13 - 8 - 56)^6
\end{aligned}$$

$$7268585536 := (-7 - 268 - 5 + 85536)^2$$

$$\begin{aligned}
7269949696 &:= (7 + 2 + 6 - 9 + 94 + 96 + 96)^4 \\
&:= (7 + 2 - 6 + 994 - 9 - 696)^4
\end{aligned}$$

$$\begin{aligned}
7339040224 &:= (73 + 39 + 04 + 02 - 24)^5 \\
&:= (7 + 33 + 90 - 40 + 2 - 2 + 4)^5 \\
&:= (7 - 33 + 90 + 4 + 022 + 4)^5 \\
&:= (7 - 33 + 90 + 4 + 02 + 24)^5 \\
&:= (73 + 39 - 040 - 2 + 24)^5 \\
&:= (73 - 3 + 90 - 40 - 2 - 24)^5 \\
&:= (7 - 339 + 0402 + 24)^5
\end{aligned}$$

$$7370050801 := (7 + 370 - 05 - 080 + 1)^4$$

$$7374859129 := (7 - 37 + 4 + 85912 - 9)^2$$

$$7392083392 := (-7 - 39 + 2083 + 3 - 92)^3$$

$$\begin{aligned}
7471182096 &:= (74 + 7 + 1 + 1 + 8 + 209 - 6)^4 \\
&:= (7 + 4 + 71 + 1 + 8 + 209 - 6)^4
\end{aligned}$$

$$\begin{aligned}
7488652369 &:= (7 - 4 + 8 + 86523 - 6 + 9)^2 \\
&:= (-7 - 48 + 86523 + 69)^2
\end{aligned}$$

$$7524868516 := (-75 - 24 + 86851 - 6)^2$$

$$\begin{aligned}
7547786884 &:= (7 + 5 - 4 - 7 - 7 + 86884)^2 \\
&:= (75 - 4 - 77 + 86884)^2
\end{aligned}$$

$$7573350625 := (-7 + 5 - 7 + 335 - 06 - 25)^4$$

$$\begin{aligned}
7573350625 &:= (7 - 5 + 7 + 3 + 350 - 62 - 5)^4 \\
&:= (7 + 5 - 7 - 335 + 0625)^4 \\
&:= (75 + 733 - 506 - 2 - 5)^4 \\
&:= (75 - 73 + 350 - 62 + 5)^4
\end{aligned}$$

$$7608723984 := (7 - 6 + 087239 - 8 - 4)^2$$

$$7651875625 := (-76 - 5 - 1 + 87562 - 5)^2$$

$$7658875225 := (7 - 6 - 5 - 8 + 87522 + 5)^2$$

$$\begin{aligned}
7668682048 &:= (-76 + 6 + 8 - 6 - 8 + 2048)^3 \\
&:= (-76 - 68 + 68 + 2048)^3
\end{aligned}$$

$$\begin{aligned}
7676563456 &:= (7 - 67 + 6 + 5 + 6 + 345 - 6)^4 \\
&:= (-76 - 76 - 5 - 6 + 3 + 456)^4 \\
&:= (-76 + 765 + 63 - 456)^4
\end{aligned}$$

$$7692038424 := (7 - 69 + 2038 + 4 - 2 - 4)^3$$

$$7727161833 := (77 + 2 + 71 - 6 + 1833)^3$$

$$\begin{aligned}
7737809375 &:= (77 + 3 + 7 + 8 + 09 + 3 - 7 - 5)^5 \\
&:= (7 + 73 + 7 + 8 + 09 + 3 - 7 - 5)^5 \\
&:= (7 + 7 + 3 + 78 + 09 + 3 - 7 - 5)^5 \\
&:= (7 - 7 + 3 - 7 + 8 + 093 - 7 + 5)^5 \\
&:= (7 + 7 + 3 + 7 + 8 - 09 - 3 + 75)^5 \\
&:= (-7 - 7 + 37 + 80 - 9 + 3 - 7 + 5)^5 \\
&:= (77 - 37 - 8 - 09 - 3 + 75)^5 \\
&:= (-77 + 3 + 78 + 093 - 7 + 5)^5 \\
&:= (77 + 3 + 78 + 09 + 3 - 75)^5 \\
&:= (7 + 73 + 78 + 09 + 3 - 75)^5
\end{aligned}$$

$$7744880025 := (7 - 7 + 4 + 4 + 88002 - 5)^2$$

$$\begin{aligned}
7762392000 &:= (7 - 7 - 6 - 2 - 3 - 9 + 2000)^3 \\
&:= (7 - 7 - 6 - 23 + 9 + 2000)^3
\end{aligned}$$

$$\begin{aligned}
7780827681 &:= (7 + 7 + 8 + 08 + 276 - 8 - 1)^4 \\
&:= (7 + 7 + 80 + 8 + 276 - 81)^4
\end{aligned}$$

$$7798832721 := (7 + 7 - 9 + 88327 - 21)^2$$

$$7809531904 := (7 + 80 - 9 + 5 - 3 + 1904)^3$$

$$7859886336 := (7 + 8 + 5 + 9 + 88633 - 6)^2$$

$$\begin{aligned} 7886150416 &:= (788 + 6 + 1 - 504 + 1 + 6)^4 \\ &:= (-7 + 8 - 8 - 61 - 50 + 416)^4 \end{aligned}$$

$$\begin{aligned} 7888281856 &:= (7 + 88828 - 18 + 5 - 6)^2 \\ 7992538801 &:= (-7 - 9 - 9 + 253 - 8 + 80 - 1)^4 \\ 8024024008 &:= (8 + 02402 - 400 - 8)^3 \end{aligned}$$

$$\begin{aligned} 8031810176 &:= (8 - 03 + 18 + 1 + 01 + 7 - 6)^7 \\ &:= (8 - 03 + 1 + 8 + 10 + 1 + 7 - 6)^7 \\ &:= (8 - 03 + 1 + 8 + 1 + 017 - 6)^7 \\ &:= (80 - 31 - 8 - 1 - 01 - 7 - 6)^7 \\ &:= (-80 - 3 + 1 + 8 + 101 - 7 + 6)^7 \\ &:= (8 + 031 + 8 - 10 - 17 + 6)^7 \\ &:= (8 + 03 - 18 + 10 + 17 + 6)^7 \\ &:= (80 - 3 - 18 - 10 - 17 - 6)^7 \\ &:= (-80 + 3 + 18 + 10 - 1 + 76)^7 \end{aligned}$$

$$\begin{aligned} 8068889929 &:= (-80 - 6 - 8 - 8 + 89929)^2 \\ &:= (-8 - 06 - 88 + 89929)^2 \end{aligned}$$

$$8100900025 := (8 - 10 + 090002 + 5)^2$$

$$\begin{aligned} 8118190201 &:= (-81 - 18 - 1 + 90201)^2 \\ &:= (-8 - 11 - 81 + 90201)^2 \\ &:= (81 - 181 + 90201)^2 \end{aligned}$$

$$\begin{aligned} 8153726976 &:= (81 + 5 + 3 + 7 - 2 + 6 + 9 - 7 - 6)^5 \\ &:= (8 + 1 + 5 + 3 + 7 + 2 + 69 + 7 - 6)^5 \\ &:= (81 - 5 - 3 + 7 + 26 - 9 - 7 + 6)^5 \\ &:= (8 + 15 + 3 + 72 + 6 - 9 + 7 - 6)^5 \\ &:= (8 + 15 - 3 - 7 - 2 - 6 + 97 - 6)^5 \\ &:= (8 + 15 + 3 + 7 + 2 - 6 - 9 + 76)^5 \\ &:= (-8 - 1 + 53 - 7 - 2 - 6 - 9 + 76)^5 \\ &:= (-8 + 1 - 5 + 37 - 2 + 6 - 9 + 76)^5 \\ &:= (81 - 53 + 72 + 6 - 9 - 7 + 6)^5 \\ &:= (81 + 5 + 3 - 72 - 6 + 9 + 76)^5 \\ &:= (8 + 153 + 7 - 2 - 69 - 7 + 6)^5 \end{aligned}$$

$$\begin{aligned} 8153726976 &:= (8 - 15 + 37 - 2 + 69 - 7 + 6)^5 \\ &:= (8 + 15 + 3 - 7 - 26 + 97 + 6)^5 \\ &:= (8 - 15 + 3 + 7 + 26 - 9 + 76)^5 \\ &:= (8 + 1 - 53 + 72 + 69 - 7 + 6)^5 \\ &:= (8 + 1 + 53 - 7 - 26 - 9 + 76)^5 \\ &:= (8 + 1 - 53 - 7 + 2 + 69 + 76)^5 \\ &:= (8 + 1 - 5 - 37 + 26 + 97 + 6)^5 \\ &:= (8 + 1 + 5 + 3 + 72 - 69 + 76)^5 \\ &:= (815 - 3 - 726 + 9 + 7 - 6)^5 \\ &:= (815 + 3 - 726 - 9 + 7 + 6)^5 \\ &:= (-81 + 53 + 7 + 26 + 97 - 6)^5 \\ &:= (8 + 153 - 72 - 69 + 76)^5 \end{aligned}$$

$$\begin{aligned} 8208541201 &:= (-8 + 20 + 85 + 4 - 1 + 201)^4 \\ 8230172859 &:= (-823 - 017 + 2859)^3 \\ 8263900836 &:= (826 + 3 + 90083 - 6)^2 \\ 8279186167 &:= (82 + 79 + 1861 - 6 + 7)^3 \end{aligned}$$

$$\begin{aligned} 8303765625 &:= (-8 - 3 - 03 + 7 + 65 - 6 - 2 - 5)^6 \\ &:= (-8 + 3 - 03 + 7 - 6 - 5 + 62 - 5)^6 \\ &:= (8 + 3 - 03 + 7 + 6 + 5 - 6 + 25)^6 \\ &:= (83 - 03 + 7 - 6 - 5 - 6 - 25)^6 \\ &:= (8 - 30 - 3 + 76 - 5 + 6 - 2 - 5)^6 \\ &:= (83 + 03 - 7 - 65 + 6 + 25)^6 \\ &:= (8 + 30 + 37 + 6 - 5 - 6 - 25)^6 \\ &:= (8 + 30 + 3 + 76 - 5 - 62 - 5)^6 \\ &:= (-8 + 3 - 037 + 6 + 56 + 25)^6 \\ &:= (83 + 037 + 6 - 56 - 25)^6 \\ &:= (-8 - 30 + 37 + 65 + 6 - 25)^6 \end{aligned}$$

$$\begin{aligned} 8318169616 &:= (8 + 318 - 16 - 9 + 6 + 1 - 6)^4 \\ &:= (8 + 318 + 1 + 6 - 9 - 6 - 16)^4 \\ &:= (8 - 318 - 1 + 6 - 9 + 616)^4 \end{aligned}$$

$$\begin{aligned} 8329117696 &:= (83 + 2 + 91176 + 9 - 6)^2 \\ 8377795791 &:= (8 - 3777 + 9 + 5791)^3 \end{aligned}$$

$$\begin{aligned} 8428892481 &:= (-84 - 2 + 8 - 8 - 92 + 481)^4 \\ &:= (8 + 428 + 8 - 92 - 48 - 1)^4 \\ &:= (8 - 4 - 2 - 88 - 92 + 481)^4 \end{aligned}$$

$$8464920025 := (-8 - 4 + 6 + 4 + 92002 + 5)^2$$

$$8539238464 := (85 + 3 + 92384 - 64)^2$$

$$8540717056 := (8 + 5 - 407 - 1 + 705 - 6)^4$$

$$8577357823 := (-8 - 5773 + 5 + 7823)^3$$

$$8587340257 := (85 + 8 + 7 + 3 + 4 + 02 - 5 - 7)^5$$

$$:= (8 + 5 + 87 + 3 + 4 + 02 - 5 - 7)^5$$

$$:= (85 + 8 - 7 - 3 - 4 + 025 - 7)^5$$

$$:= (8 + 58 + 7 + 34 + 02 - 5 - 7)^5$$

$$:= (8 - 5 + 8 - 7 + 34 + 02 + 57)^5$$

$$:= (8 + 5 + 8 + 7 - 3 + 40 + 25 + 7)^5$$

$$:= (85 + 8 - 7 + 3 + 40 - 25 - 7)^5$$

$$:= (8 + 5 - 8 + 73 - 40 + 2 + 57)^5$$

$$:= (85 + 87 - 3 - 40 - 25 - 7)^5$$

$$:= (8 + 5 + 8 - 7 + 340 - 257)^5$$

$$8589934592 := (8 - 5 + 8 + 9 - 9 + 3 + 4 - 5 - 9 - 2)^{33}$$

$$:= (-8 + 5 - 8 - 9 - 9 - 3 + 45 - 9 - 2)^{33}$$

$$8589934592 := (85 - 89 + 9 + 3 - 4 + 5 - 9 + 2)^{33}$$

$$:= (8 + 58 + 9 - 93 + 4 + 5 + 9 + 2)^{33}$$

$$:= (8 + 58 - 9 - 9 - 34 - 5 - 9 + 2)^{33}$$

$$:= (8 + 58 + 9 - 9 - 3 - 4 - 59 + 2)^{33}$$

$$:= (8 + 5 + 8 - 99 - 3 - 4 - 5 + 92)^{33}$$

$$:= (8 + 5 + 8 + 9 - 93 + 4 + 59 + 2)^{33}$$

$$:= (8 - 5 + 8 + 9 + 9 + 34 - 59 - 2)^{33}$$

$$:= (85 + 8 + 9 - 9 - 34 - 59 + 2)^{33}$$

$$:= (8 + 58 - 99 - 3 + 45 - 9 + 2)^{33}$$

$$:= (8 + 58 - 9 - 93 + 45 - 9 + 2)^{33}$$

$$:= (8 + 5 + 89 - 9 - 34 - 59 + 2)^{33}$$

$$:= (-85 - 89 + 93 - 4 - 5 + 92)^{33}$$

$$:= (858 - 9 - 934 - 5 + 92)^{33}$$

$$:= (858 - 993 + 45 + 92)^{33}$$

$$8589934592 := (8 + 5 - 8 + 9 + 9 - 3 + 4 - 5 - 9 - 2)^{11}$$

$$:= (8 - 5 - 8 - 9 - 9 - 3 + 45 - 9 - 2)^{11}$$

$$8589934592 := (85 - 89 + 9 - 3 + 4 - 5 + 9 - 2)^{11}$$

$$:= (8 + 58 - 9 - 9 - 34 + 5 - 9 - 2)^{11}$$

$$:= (8 - 58 + 9 - 9 - 3 + 4 + 59 - 2)^{11}$$

$$:= (8 + 58 + 9 - 9 + 3 - 4 - 59 + 2)^{11}$$

$$8589934592 := (8 + 5 - 8 + 99 - 3 + 4 - 5 - 92)^{11}$$

$$:= (8 - 5 - 8 + 99 - 3 + 4 + 5 - 92)^{11}$$

$$:= (8 + 5 + 8 - 99 + 3 - 4 - 5 + 92)^{11}$$

$$:= (8 - 58 + 99 - 3 - 45 + 9 - 2)^{11}$$

$$:= (8 + 58 - 99 + 3 + 45 - 9 + 2)^{11}$$

$$:= (-8 + 5 - 89 + 9 + 34 + 59 - 2)^{11}$$

$$8598667441 := (85986 + 6744 - 1)^2$$

$$8602933504 := (8 - 602 + 93350 - 4)^2$$

$$8653650625 := (8 - 65 + 365 - 06 - 2 + 5)^4$$

$$:= (8 - 6 + 5 + 365 - 062 - 5)^4$$

$$:= (-86 - 5 + 365 + 06 + 25)^4$$

$$8657930304 := (8 - 6 + 5 + 7 + 93030 + 4)^2$$

$$8688663369 := (86886 + 6336 - 9)^2$$

$$8784937984 := (8 - 78 + 4 + 93798 - 4)^2$$

$$8793938176 := (-87 + 93938 + 1 - 76)^2$$

$$8818423496 := (881 + 842 + 349 - 6)^3$$

$$8822657041 := (88226 + 5704 - 1)^2$$

$$8945187241 := (-8 + 94518 + 72 - 4 + 1)^2$$

$$8945754724 := (8 + 94575 + 4 - 7 - 2 + 4)^2$$

$$8947078921 := (-8 + 94707 - 89 - 21)^2$$

$$8994815281 := (8 + 9 + 94815 + 2 + 8 - 1)^2$$

$$:= (8 - 9 + 94815 + 28 - 1)^2$$

$$8995004964 := (-89 + 95004 - 9 - 64)^2$$

$$8998912000 := (89 + 9 - 8 - 9 - 1 + 2000)^3$$

$$:= (8 - 9 - 9 + 89 + 1 + 2000)^3$$

$$8999178496 := (89 + 99 - 1 + 78 + 49 - 6)^4$$

$$:= (-89 - 9 - 91 - 7 + 8 + 496)^4$$

$$:= (89 - 99 - 178 + 496)^4$$

$$9025950025 := (-9 + 02 + 5 + 95002 + 5)^2$$

$$\begin{aligned}
9039207968 &:= (90 - 3 + 9 + 2 - 07 + 9 + 6 - 8)^5 \\
&:= (9 - 03 + 92 - 07 + 9 + 6 - 8)^5 \\
&:= (9 + 03 - 9 + 2 + 079 + 6 + 8)^5 \\
&:= (9 - 03 + 9 + 2 - 07 + 96 - 8)^5 \\
&:= (90 - 3 + 9 + 20 - 7 - 9 + 6 - 8)^5 \\
&:= (9 + 039 - 2 - 07 - 9 + 68)^5 \\
&:= (9 - 03 - 9 + 20 + 79 - 6 + 8)^5 \\
&:= (9 - 03 - 9 + 20 - 7 + 96 - 8)^5 \\
&:= (9 + 03 + 9 - 20 - 7 + 96 + 8)^5
\end{aligned}$$

$$\begin{aligned}
9039207968 &:= (90 - 3 + 92 - 079 + 6 - 8)^5 \\
&:= (90 - 3 + 92 + 07 - 96 + 8)^5 \\
&:= (90 + 3 - 92 - 07 + 96 + 8)^5 \\
&:= (9 + 039 - 20 - 7 + 9 + 68)^5 \\
&:= (-9 - 03 - 9 + 207 - 96 + 8)^5 \\
&:= (-90 + 39 + 2 + 079 + 68)^5 \\
&:= (-903 + 920 + 79 - 6 + 8)^5 \\
&:= (-903 + 920 - 7 + 96 - 8)^5 \\
&:= (90 + 39 - 20 - 79 + 68)^5
\end{aligned}$$

$$9109557136 := (-91 + 095571 - 36)^2$$

$$\begin{aligned}
9116621361 &:= (9 + 1 + 1 - 66 + 2 + 1 + 361)^4 \\
&:= (91 + 16 - 6 + 213 - 6 + 1)^4 \\
&:= (9 + 1 + 166 - 2 + 136 - 1)^4 \\
&:= (9 + 1 - 1 + 662 - 1 - 361)^4 \\
&:= (9 - 1 + 1662 - 1361)^4
\end{aligned}$$

$$9139551201 := (91 - 3 + 95512 + 01)^2$$

$$9174957796 := (9 + 1 + 7 - 4 + 95779 - 6)^2$$

$$9208180736 := (9 + 2081 + 8 + 07 - 3 - 6)^3$$

$$9216960025 := (-9 + 2 - 1 + 6 + 96002 + 5)^2$$

$$9228868489 := (9228 + 86848 - 9)^2$$

$$9274236301 := (-9 + 2742 - 3 - 630 + 1)^3$$

$$9296430724 := (-9 + 2 + 96430 - 7 - 2 + 4)^2$$

$$9316496484 := (9 + 31 - 6 + 4 + 96484)^2$$

$$9354951841 := (9 + 354 - 9 + 5 + 1 - 8 - 41)^4$$

$$:= (-93 - 5 + 495 - 1 - 84 - 1)^4$$

$$:= (9 - 3 - 5 + 495 - 184 - 1)^4$$

$$9383796900 := (-9 - 3 - 8 - 3 - 7 + 96900)^2$$

$$9474296896 := (9 + 4 + 7 + 4 + 2 + 9 + 6 + 8 - 9 + 6)^6$$

$$:= (9 - 4 + 7 + 42 + 9 + 6 - 8 - 9 - 6)^6$$

$$:= (9 + 4 + 7 - 4 + 29 + 6 - 8 + 9 - 6)^6$$

$$:= (-9 + 4 - 7 + 4 - 2 - 9 + 68 - 9 + 6)^6$$

$$:= (-9 - 4 - 7 - 4 + 2 - 9 - 6 + 89 - 6)^6$$

$$:= (-9 + 47 - 4 + 29 + 6 - 8 - 9 - 6)^6$$

$$:= (9 - 47 - 4 + 2 + 9 - 6 + 89 - 6)^6$$

$$:= (9 + 4 - 7 + 4 - 29 + 68 - 9 + 6)^6$$

$$:= (-94 + 74 - 2 - 9 - 6 + 89 - 6)^6$$

$$:= (-94 + 7 + 42 + 9 - 6 - 8 + 96)^6$$

$$:= (9 + 47 - 4 + 2 + 96 - 8 - 96)^6$$

$$:= (9 - 4 + 7 + 42 + 96 - 8 - 96)^6$$

$$:= (947 - 4 + 2 - 9 + 6 - 896)^6$$

$$:= (94 + 7 - 42 - 96 + 89 - 6)^6$$

$$9475854336 := (9 - 4 - 7 - 5 - 8 - 5 - 4 + 336)^4$$

$$:= (9 - 47 + 5 + 8 + 5 - 4 + 336)^4$$

$$:= (9 - 4 - 75 - 8 + 54 + 336)^4$$

$$:= (94 + 758 - 543 - 3 + 6)^4$$

$$9508980196 := (9 - 508 + 98019 - 6)^2$$

$$9509900499 := (95 + 09 + 9 + 004 - 9 - 9)^5$$

$$:= (9 + 5 + 099 + 004 - 9 - 9)^5$$

$$:= (9 + 5 + 09 + 90 + 04 - 9 - 9)^5$$

$$:= (9 - 5 + 09 - 9 - 004 + 99)^5$$

$$:= (9 + 50 + 9 - 9 + 0049 - 9)^5$$

$$:= (95 + 099 + 004 - 99)^5$$

$$:= (95 - 099 + 004 + 99)^5$$

$$:= (95 + 09 + 90 + 04 - 99)^5$$

$$:= (95 - 09 - 90 + 04 + 99)^5$$

$$:= (950 - 9 - 900 + 49 + 9)^5$$

$$:= (-9 + 509 - 900 + 499)^5$$

$$9597924961 := (9 + 5 - 9 + 7 - 9 + 249 + 61)^4$$

$$9622822383 := (-96 - 2 - 2 - 8 + 2238 - 3)^3$$

$$9649918756 := (-964 + 99187 + 5 + 6)^2$$

$$9655617169 := (96556 + 1716 - 9)^2$$

$$\begin{aligned} 9677214091 &:= (9 + 6 - 7 - 7 + 2140 - 9 - 1)^3 \\ &:= (-96 + 77 + 2140 + 9 + 1)^3 \\ &:= (96 - 7 - 7 + 2140 - 91)^3 \end{aligned}$$

$$\begin{aligned} 9689842969 &:= (9 + 6 + 8 + 98429 - 6 - 9)^2 \\ &:= (9 + 68 + 98429 - 69)^2 \end{aligned}$$

$$\begin{aligned} 9718142104 &:= (-9 + 718 + 1421 + 04)^3 \\ &:= (-9 + 7 + 18 + 14 + 2104)^3 \end{aligned}$$

$$\begin{aligned} 9721171216 &:= (97 + 211 - 7 - 1 - 2 + 16)^4 \\ &:= (97 - 2 + 11 - 7 - 1 + 216)^4 \\ &:= (9 + 72 + 11 + 7 - 1 + 216)^4 \\ &:= (-9 - 7 - 2 + 117 - 1 + 216)^4 \end{aligned}$$

$$\begin{aligned} 9783979396 &:= (978 + 3 + 97939 - 6)^2 \\ 9801990025 &:= (-9 + 8 - 01 + 99002 + 5)^2 \\ 9817639056 &:= (98176 - 3 + 905 + 6)^2 \\ 9822990321 &:= (98229 + 903 - 21)^2 \\ 9825963876 &:= (98259 - 6 - 3 + 876)^2 \\ 9879763609 &:= (98797 - 6 - 3 + 609)^2 \\ 9901245025 &:= (99012 - 4 + 502 - 5)^2 \\ 9911994481 &:= (99119 - 9 + 448 + 1)^2 \end{aligned}$$

$$\begin{aligned} 9913985761 &:= (991 + 3 + 98576 - 1)^2 \\ 9925738384 &:= (99257 + 383 - 8 - 4)^2 \\ 9931318336 &:= (99313 - 1 + 8 + 336)^2 \\ 9942682369 &:= (99426 - 82 + 369)^2 \\ 9952248951 &:= (-99 + 5 + 2248 - 9 + 5 + 1)^3 \\ 9957046225 &:= (99570 - 4 - 6 + 225)^2 \\ 9960439204 &:= (99604 + 3 - 9 + 204)^2 \end{aligned}$$

$$\begin{aligned} 9971220736 &:= (99 + 7 + 12 + 207 - 3 - 6)^4 \\ &:= (9 + 97 + 12 + 207 - 3 - 6)^4 \\ &:= (9 - 9 + 71 + 2 + 207 + 36)^4 \\ &:= (-9 + 9 + 71 + 2 + 207 + 36)^4 \end{aligned}$$

$$\begin{aligned} 9973217956 &:= (99732 - 1 + 79 + 56)^2 \\ 9973817161 &:= (99738 - 1 + 71 + 61)^2 \\ 9975415129 &:= (99754 - 1 - 5 + 129)^2 \\ 9977212996 &:= (99772 + 129 - 9 - 6)^2 \\ 9978211881 &:= (99782 + 118 - 8 - 1)^2 \\ 9979810201 &:= (99798 + 102 - 01)^2 \\ 9982807396 &:= (99828 - 07 - 3 + 96)^2 \\ 9984406084 &:= (99844 - 06 + 084)^2 \\ 9984805776 &:= (99848 + 05 + 77 - 6)^2 \\ 9987403969 &:= (99874 + 03 - 9 + 69)^2 \\ 9988403364 &:= (99884 - 03 - 3 + 64)^2 \\ 9991201936 &:= (99912 - 01 + 9 + 36)^2 \\ 9997200196 &:= (99972 - 001 + 9 + 6)^2 \\ 9997800121 &:= (99978 + 0012 - 1)^2 \end{aligned}$$

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## References

- [1] H. HEINZ, Narcissistic Numbers: Sums and Powers, <http://www.magic-squares.net/narciss.htm>.
- [2] H.E. DUDENEY, Amusements in Mathematics, EBD E-Books Directory.com, 1917.
- [3] J.S. MADACHY, Mathematics on Vacations, Charlars Scriber's Son, New York, 1966.

- [4] I.J. TANEJA, Selfie Numbers: Consecutive Representations in Increasing and Decreasing Orders, RGMIA Research Report Collection, 17(2014), Article 140, pp. 1-57. <http://rgmia.org/papers/v17/v17a140.pdf>.
- [5] I.J. TANEJA, Different Types of Pretty Wild Narcissistic Numbers: Selfie Representations - I, RGMIA Research Report Collection, 18(2015), Article 32, pp.1-43. <http://rgmia.org/papers/v18/v18a32.pdf>.
- [6] I.J. TANEJA, Selfie Numbers: Representations in Increasing and Decreasing Orders of Non Consecutive Digits, RGMIA Research Report Collection, 18(2015), Article 70, pp.1-104. <http://rgmia.org/papers/v18/v18a70.pdf>.
- [7] I.J. TANEJA, Patterns in Selfie Numbers, RGMIA Research Report Collection, 18(2015), Article 154, pp. 1-41. <http://rgmia.org/papers/v18/v18a154.pdf>.
- [8] I.J. TANEJA, Selfie Numbers - I: Symmetrical and Unified Representations, RGMIA Research Report Collection, 18(2015), Article 174, pp.1-94. <http://rgmia.org/papers/v18/v18a174.pdf>.
- [9] I.J. TANEJA, Selfie Numbers - II: Six Digits Symmetrical, Unified and Patterned Representations Without Factorial, RGMIA Research Report Collection, 18(2015), Article 175, pp.1-41. <http://rgmia.org/papers/v18/v18a175.pdf>.
- [10] I.J. TANEJA, Selfie Numbers - III: With Factorial and Without Square-Root - Up To Five Digits, RGMIA Research Report Collection, 19(2016), Article 16, pp.1-52, <http://rgmia.org/papers/v19/v19a16.pdf>.
- [11] I.J. TANEJA, Selfie Numbers - IV: Addition, Subtraction and Factorial, RGMIA Research Report Collection, 19(2016), Article 163, pp.1-42, <http://rgmia.org/papers/v19/v19a163.pdf>.
- [12] I.J. TANEJA, Selfie Numbers - V: Six Digits Symmetrical Representations with Factorial, RGMIA Research Report Collection, 19(2016), Article 164, pp.1-60, <http://rgmia.org/papers/v19/v19a164.pdf>.
- [13] I.J. TANEJA, Crazy Representations of Natural Numbers, Selfie Numbers, Fibonacci Sequence, and Selfie Fractions, RGMIA Research Report Collection, 19(2016), Article 179, pp.1-37, <http://rgmia.org/papers/v19/v19a179.pdf>.
- [14] I.J. TANEJA, 2017 - Mathematical Style, RGMIA Research Report Collection, 20(2017), Article 03, pp.1-17, <http://rgmia.org/papers/v20/v20a03.pdf>.
- [15] I.J. TANEJA, Hardy Ramanujan Number - 1729, RGMIA Research Report Collection, 20(2017), Article 06, pp.1-50, <http://rgmia.org/papers/v20/v20a06.pdf>.
- [16] I.J. TANEJA, Semi-Selfie Numbers and Multiplicative Selfie Equalities, RGMIA Research Report Collection, 20(2017), Article 37, pp.1-63, <http://rgmia.org/papers/v20/v20a37.pdf>.
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