

Digit's Order Selfie Numbers: Factorial and Square-Root

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Abstract

*Numbers represented by their own digits by certain operations are considered as **selfie numbers**. Some times they are called as **wild narcissistic numbers**. There are many ways of representing **selfie numbers**. They can be represented in digit's order, reverse order of digits, increasing and/or decreasing order of digits, etc. These can be obtained by use of basis operations along with **factorial, square-root, Fibonacci sequence, Triangular numbers, binomial coefficients, s-gonal values, centered polygonal numbers**, etc. In this work, we have re-written **selfie numbers** just in digit's order with basic operations, **factorial, square-root, and factorial and square-root together**.*

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1 Introduction

Let's analyse historical aspects of some numbers:

- (i) Consider the following classical number famous as **printer's error** (Dudeney, 1917, pp. 379 [2]):

$$2592 := 2^5 \times 9^2 \tag{1}$$

Actually it is not a **printer's error**, it a represents number in its own digits. The first number similar property is $25 = 5^2$, but is in reverse order.

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(ii) Let consider another examples (Madachy, 1966, pp.167-275 [1]):

$$\begin{aligned}
 34425 &:= 3^4 \times 425 \\
 73942 &:= 73 \times 9 \times 42 \\
 312325 &:= 31^2 \times 325
 \end{aligned}
 \tag{2}$$

Above three are represented their own digits. Moreover, if we multiply by both sides by 10, they continued with property of same digits both sides. These kinds of numbers are famous as **number patterns**.

(iii) Madachy, 1966, pp.167-275 [1] also gave an interesting property with factorials know by **sum of factorials**:

$$\begin{aligned}
 1 &:= 1! \\
 2 &:= 2! \\
 145 &:= 1! + 4! + 5! \\
 40585 &:= 4! + 0! + 5! + 8! + 5!
 \end{aligned}
 \tag{3}$$

Above numbers also have the property of same digits on both sides, but with factorial and addition.

In all the three situations, we observe that we are dealing with numbers those have same digits on both sides, where one side is number another with same digits with certain operations. Based on above idea of numbers, the author studies numbers calling **selfie numbers**, i.e., numbers represented by their own digits by certain operations. Some times they are called as **wild narcissistic numbers**. Some studies in this direction can seen in the works of Friedman [3, 4] and Rose [5, 6, 7].

There are many ways of representing **selfie numbers**. They can be represented in digit's order, reverse order of digits, increasing and/or decreasing order of digits, etc. These can be obtained by use of basis operations along with **factorial, square-root, Fibonacci sequence, Triangular numbers, binomial coefficients, s-gonal values, centered polygonal numbers**, etc. For detailed study refer author's work [8]-[24].

Below are some examples of **selfie numbers** extending the idea of equation (2) using the operations of addition and subtraction with **factorial**:

$145 = 1! + 4! + 5!$	$363239 := 36 + 323 + 9!$
$733 := 7 + 3!! + 3!$	$363269 := 363 + 26 + 9!$
$5177 := 5! + 17 + 7!$	$403199 := 40319 + 9!$
$1463 := -1! + 4! + 6! + 3!!$	$40585 := 4! + 0! + 5! + 8! + 5!$
$10077 := -1! - 0! - 0! + 7! + 7!$	$80518 := 8! - 0! - 5! - 1! + 8!$

$$\begin{aligned}
 317489 &:= -3! - 1! - 7! - 4! - 8! + 9! \\
 352797 &:= -3! + 5 - 2! - 7! + 9! - 7! \\
 357592 &:= -3! - 5! - 7! - 5! + 9! - 2! \\
 357941 &:= 3! + 5! - 7! + 9! - 4! - 1! \\
 361469 &:= 3! - 6! - 1! + 4! - 6! + 9!
 \end{aligned}$$

$$\begin{aligned}
 364292 &:= 3!! + 6! - 4! - 2! + 9! - 2! \\
 397584 &:= -3!! + 9! - 7! + 5! + 8! + 4! \\
 398173 &:= 3! + 9! + 8! + 1! - 7! + 3! \\
 408937 &:= -4! + 0! + 8! + 9! + 3!! + 7! \\
 715799 &:= -7! - 1! + 5! - 7! + 9! + 9! \\
 720599 &:= -7! - 2! + 0! - 5! + 9! + 9!
 \end{aligned}$$

For details refer author’s work [20, 21]. Below are more examples extending the idea of equations (1) and (2) using basic operations together with **factorial** and **square-root** together.

● **Digit’s Order**

$$\begin{aligned}
 120 &:= ((1 + 2)! - 0!)! \\
 127 &:= -1 + 2^7 \\
 1673 &:= -1 - 6 + 7!/3 \\
 1679 &:= 1 + (-6 + 7!)/\sqrt{9} \\
 1680 &:= (1 + 6)!/\sqrt{8 + 0!}
 \end{aligned}$$

$$\begin{aligned}
 38970 &:= -3!! + 8! - 9 \times 70 \\
 38986 &:= -3 + 8! - \sqrt{(\sqrt{9} + 8)^6} \\
 40310 &:= (\sqrt{4^{03}})! - 10 \\
 90894 &:= -(\sqrt{9})! + ((0! + 8)! + (\sqrt{9})!!)/4 \\
 91560 &:= ((\sqrt{9})! + 1)! + 5! \times (6! + 0!)
 \end{aligned}$$

● **Reverse Order of Digits**

$$\begin{aligned}
 25 &:= 5^2 \\
 64 &:= \sqrt{4^6} \\
 289 &:= (9 + 8)^2 \\
 3894 &:= (\sqrt{4} + \sqrt{(\sqrt{9})!^8}) \times 3 \\
 4957 &:= 7! - 59 - 4!
 \end{aligned}$$

$$\begin{aligned}
 6992 &:= 2^9 + 9 \times 6! \\
 26493 &:= (2 + 6)! - 4!^{\sqrt{9}} - 3 \\
 30792 &:= 3! \times ((0 + 7)! + 92) \\
 54476 &:= (5! + 4!^4 - 7!)/6 \\
 75989 &:= \sqrt{9} \times (8 - (\sqrt{9})!!) + 5^7
 \end{aligned}$$

● **Both Ways**

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

For details refer author’s work [9, 8, 10, 13, 14].

The aim this work is to re-write **selfie numbers** only in **digit's order** with following aspects:

- (i) Basic Operations;
- (ii) Basic Operations with **factorial**;
- (iii) Basic Operations with **square-root**;
- (iv) Basic Operations with **factorial** and **square-root**;
- (v) Basic Operations with **Fibonacci sequence**;
- (vi) Basic Operations with **triangular numbers**.

This paper works with items (i)-(iv). Results on items (v) and (vi) are given in another work [25].

2 Selfie Numbers: Basic Operations

This section bring **selfie numbers** in digit's order using basic operations, i.e., addition, subtraction, multiplication, division and potentiation. This we have done up to 6 digits. The numbers given in expressions (1) and (2) are also included.

$127 := -1 + 2^7$	$15612 := -1 + 5^6 + 12$
$343 := (3 + 4)^3$	$15613 := 1 + 5^6 - 13$
$736 := 7 + 3^6$	$15617 := 1 \times 5^6 - 1 - 7$
$1285 := (1 + 2^8) \times 5$	$15618 := 1 \times 5^6 + 1 - 8$
$2187 := (2 + 1^8)^7$	$15621 := -1 + 5^6 + 2 - 1$
$2502 := 2 + 50^2$	$15622 := 1 + 5^6 - 2 - 2$
$2592 := 2^5 \times 9^2$	$15623 := -1 + 5^6 + 2 - 3$
$2737 := (2 \times 7)^3 - 7$	$15624 := 1 + 5^6 + 2 - 4$
$3125 := (3 \times 1 + 2)^5$	$15626 := 1 + 5^{6 \times 2 - 6}$
$3685 := (3^6 + 8) \times 5$	$15632 := 1 + 5^6 + 3 \times 2$
$3864 := 3 \times (-8 + 6^4)$	$15633 := -1 + 5^6 + 3 \times 3$
$3972 := 3 + (9 \times 7)^2$	$15642 := 1 + 5^6 + 4^2$
$4096 := 4^{0 \times 9 + 6}$	$15645 := 1 \times 5^6 + 4 \times 5$
$6455 := (6^4 - 5) \times 5$	$15655 := 1 \times 5 \times (6 + 5^5)$
$11264 := 11 \times 2^{6+4}$	$15656 := 1 + 5^6 + 5 \times 6$
$11664 := (1 - 1 + 6)^6 / 4$	$15662 := 1 + 5^6 + 6^2$
$12850 := (1 + 2^8) \times 50$	$15667 := 1 \times 5^6 + 6 \times 7$
$13825 := 1 + (3 \times 8)^{-2+5}$	$15688 := -1 + 5^6 + 8 \times 8$
$14641 := (1 + 4 + 6)^4 \times 1$	$15698 := 1 + 5^6 + 9 \times 8$
$15552 := (1^5 + 5)^5 \times 2$	$16377 := (1^6 + 3)^7 - 7$
$15585 := (1 \times 5^5 - 8) \times 5$	$16384 := (1^6 + 3)^8 / 4$
	$16447 := -1 + 64 + 4^7$
	$16875 := 1 \times 68 + 7^5$

$17536 := 1 \times 7^5 + 3^6$	$46626 := -4 + 6^6 - 26$
$18432 := 18 \times 4^{3+2}$	$46630 := 4 + 6^6 - 30$
$19453 := 19 \times 4^5 - 3$	$46632 := -4 \times 6 + 6^{3 \times 2}$
$19683 := (1 \times 9 - 6)^8 \times 3$	$46633 := 4 + 6^6 - 3^3$
$19739 := (-1 + 9) \times 7 + 3^9$	$46644 := 4 + 6^6 - 4 \times 4$
$23328 := (2 \times 3^3)^2 \times 8$	$46648 := 4 + 6^6 - 4 - 8$
$24546 := (2 + 4) \times (-5 + 4^6)$	$46651 := -4 + 6 \times 6^5 - 1$
$24576 := (-2 + 4)^{5+7} \times 6$	$46652 := -4 + (6 \times 6)^{5-2}$
$26364 := 26^3 \times 6/4$	$46655 := 4 + 6 \times 6^5 - 5$
$27639 := 2^7 \times 6^3 - 9$	$46656 := ((4 \times 6 + 6)/5)^6$
$28224 := (2 + 82)^2 \times 4$	$46660 := 4 + 6^6 + 6 \times 0$
$28559 := -2 + (8 + 5)^{-5+9}$	$46663 := 4 + 6^6 + 6 - 3$
$29282 := 2 \times (9 + 2)^{8/2}$	$46673 := -4 + 6^6 + 7 \times 3$
$29524 := (2 \times 9^5 - 2)/4$	$46684 := -4 + 6^6 + 8 \times 4$
$32759 := (3 - 2 + 7)^5 - 9$	$46688 := (4 + 6^6/8) \times 8$
$32765 := -3 + (2 \times 7 - 6)^5$	$52488 := (5 + 2 - 4)^8 \times 8$
$32768 := (3 - 2 + 7)^6/8$	$59052 := 5 + 9^{05} - 2$
$32771 := 3 + 2^{7+7+1}$	$63945 := 63 \times (-9 + 4^5)$
$32785 := 3 + 2 \times 7 + 8^5$	$64550 := (6^4 - 5) \times 50$
$34425 := 3^4 \times 425$	$65471 := -65 + 4^{7+1}$
$35721 := 3^5 \times 7 \times 21$	$66339 := (6 \times 6)^3 + 3^9$
$36850 := (3^6 + 8) \times 50$	$67234 := 6 + 7^{2+3} \times 4$
$37179 := 3^7 \times (1 + 7 + 9)$	$69984 := 6^{-9/9+8}/4$
$38856 := (3^8 - 85) \times 6$	$98415 := 9^{8-4} \times 15$
$39283 := 3^9 \times 2 - 83$	
$39342 := (3^9 - 3 \times 4) \times 2$	$103823 := (-1 + (03 \times 8) \times 2)^3$
$39343 := 39 + 34^3$	$114244 := (1 + 14 - 2)^4 \times 4$
$39358 := 3^9 \times (-3 + 5) - 8$	$116565 := (1 - 16) \times (5 - 6^5)$
$39363 := 3^9/3 \times 6 - 3$	$117128 := 11^{(7+1)/2} \times 8$
$39366 := 3^9 \times (3 - 6/6)$	$117396 := (-117 + 3^9) \times 6$
$39369 := 3 + 9^3 \times 6 \times 9$	$117476 := 1 - 174 + 7^6$
$39372 := (3 + 9 \times 3^7) \times 2$	$117571 := (-11 + 7^5) \times 7 + 1$
$39382 := ((3 \times 9)^3 + 8) \times 2$	$117576 := 1 + 1 - 75 + 7^6$
$43775 := (4 \times 3^7 + 7) \times 5$	$117587 := 1 + (-1 + 7^5 - 8) \times 7$
$45632 := -4^5 + 6^{3 \times 2}$	$117597 := 11 + (7^5 - 9) \times 7$
$45927 := ((4 + 5) \times 9)^2 \times 7$	$117619 := -11 + 7^6 - 19$
$45947 := 4 \times 5 + 9^4 \times 7$	$117624 := -1 + 1 \times 7^6 + 24$

$$\begin{aligned}
117625 &:= 1 + 1 \times 7^6 - 25 & 131071 &:= (-1 + 3)^{10+7} - 1 \\
117626 &:= -11 + 7^6 - 2 \times 6 & 131072 &:= (1 + 3)^{1+07} \times 2 \\
117628 &:= -11 + 7^6 - 2 - 8 & 134456 &:= (1 \times 3 + 4)^4 \times 56 \\
117629 &:= -1 - 1 + 7^6 - 2 \times 9 & 136162 &:= 1 + (3 + 61 \times 6)^2 \\
117630 &:= 11 + 7^6 - 30 & 137718 &:= (-1 + 3^7) \times (71 - 8) \\
117632 &:= -11 + 7^6 - 3 \times 2 & 137772 &:= (-1 + 3^7 \times 7) \times (7 + 2) \\
117633 &:= 11 + 7^6 - 3^3 & 137781 &:= 1 \times 3^7 \times 7 \times (8 + 1) \\
117635 &:= 1 + 1 \times 7^6 - 3 \times 5 & & \\
117637 &:= -1 - 1 + 7^6 - 3 - 7 & & \\
117638 &:= (1 - 1 + 7)^6 - 3 - 8 & 137790 &:= (1 + 3^7 \times 7) \times 9 + 0 \\
117639 &:= 1 + 1 + 7^6 - 3 - 9 & 137791 &:= (1 + 3^7 \times 7) \times 9 + 1 \\
117641 &:= -11 + 7^6 + 4 - 1 & 137792 &:= (1 + 3^7 \times 7) \times 9 + 2 \\
117642 &:= 1 + 1 \times 7^6 - 4 \times 2 & 137793 &:= (1 + 3^7 \times 7) \times 9 + 3 \\
117643 &:= 1 + 1 \times 7^6 - 4 - 3 & 137794 &:= (1 + 3^7 \times 7) \times 9 + 4 \\
117644 &:= 11 + 7^6 - 4 \times 4 & 137795 &:= (1 + 3^7 \times 7) \times 9 + 5 \\
117646 &:= -1 + 1 \times 7^6 + 4 - 6 & 137796 &:= (1 + 3^7 \times 7) \times 9 + 6 \\
117647 &:= 1 + 1 \times 7^6 + 4 - 7 & 137797 &:= (1 + 3^7 \times 7) \times 9 + 7 \\
117648 &:= 11 + 7^6 - 4 - 8 & 137798 &:= (1 + 3^7 \times 7) \times 9 + 8 \\
117650 &:= 1 + 1 \times 7^6 + 5 \times 0 & 137799 &:= (1 + 3^7 \times 7) \times 9 + 9 \\
117651 &:= -1 - 1 + 7^6 + 5 - 1 & & \\
117652 &:= (1 - 1 + 7)^6 + 5 - 2 & 137839 &:= -1 + 3 + 7 \times (8 + 3^9) \\
117653 &:= 1 + 1 + 7^6 + 5 - 3 & 137948 &:= -1 + 3 \times 7 \times (9^4 + 8) \\
117655 &:= (1 + (1 + 7^6)/5) \times 5 & 139965 &:= -1 \times 3 + (9 + 9) \times 6^5 \\
117660 &:= 11 + 7^6 + 6 \times 0 & 139966 &:= 1 - 3 \times (9/9 - 6^6) \\
117662 &:= 1 + 1 \times 7^6 + 6 \times 2 & 146410 &:= (1 + 4 + 6)^4 \times 10 \\
117663 &:= 11 + 7^6 + 6 - 3 & 146461 &:= (1^4 + 6)^4 \times 61 \\
117686 &:= -11 + 7^6 + 8 \times 6 & 147249 &:= (1 + 4^7 - 24) \times 9 \\
117695 &:= 1 + 1 \times 7^6 + 9 \times 5 & 147349 &:= 1 + (4^7 - 3 \times 4) \times 9 \\
117763 &:= 117 + 7^6 - 3 & 147419 &:= -1 + (4^7 - 4 \times 1) \times 9 \\
117777 &:= (1 + 1)^7 + 7^7/7 & 147429 &:= -1 + (4^7 - 4 + 2) \times 9 \\
118328 &:= (1 + (-1 + 8)^3)^2 - 8 & 147447 &:= (-1 + 4^7) \times (4 \times 4 - 7) \\
124386 &:= (12^4 + 3 - 8) \times 6 & 147453 &:= 1 \times 4^7 \times (4 + 5) - 3 \\
124416 &:= ((1 + 2) \times 4)^4 \times 1 \times 6 & 147455 &:= -1 + 4^7 \times 45/5 \\
125003 &:= 1 + 2 + 50^{03} & 147491 &:= 1 \times (4^7 + 4) \times 9 - 1 \\
125012 &:= 12 + 50^{1+2} & 147519 &:= (1 + 4^7 + 5 + 1) \times 9 \\
128500 &:= (1 + 2^8) \times 500 & 155520 &:= (1^5 + 5)^5 \times 20 \\
129283 &:= (-1 + 2^9) \times (2^8 - 3) & 155850 &:= 1 \times (5^5 - 8) \times 50 \\
& & 156225 &:= (-1 + (5^6 - 2) \times 2) \times 5
\end{aligned}$$

$$\begin{aligned}
 156235 &:= 1 \times (5^6 \times 2 - 3) \times 5 & 184365 &:= (1 + 8^4) \times (3 + 6) \times 5 \\
 156245 &:= (-1 + 5^6 \times (-2 + 4)) \times 5 & 184495 &:= (-1 + (8^4 + 4) \times 9) \times 5 \\
 156249 &:= -1 + 5^6 \times 2 \times (-4 + 9) & 184545 &:= (1 \times 8^4 + 5) \times 45 \\
 & & 184877 &:= (-1 + 8)^{-4+8} \times 77 \\
 156250 &:= 1 \times 5^6 \times 2 \times 5 + 0 & 185193 &:= ((1 \times 8 - 5) \times 19)^3 \\
 156251 &:= 1 \times 5^6 \times 2 \times 5 + 1 & 186615 &:= -1 - 8 + 6^6 \times (-1 + 5) \\
 156252 &:= 1 \times 5^6 \times 2 \times 5 + 2 & 186622 &:= 1 \times 8 \times 6^6 / 2 - 2 \\
 156253 &:= 1 \times 5^6 \times 2 \times 5 + 3 & 186624 &:= 1 \times 8 + (6^6 - 2) \times 4 \\
 156254 &:= 1 \times 5^6 \times 2 \times 5 + 4 & 186631 &:= -1 + 8 + 6^6 \times (3 + 1) \\
 156255 &:= 1 \times 5^6 \times 2 \times 5 + 5 & 186641 &:= 18 + 6^6 \times 4 - 1 \\
 156256 &:= 1 \times 5^6 \times 2 \times 5 + 6 & 186642 &:= (1 + 8) \times ((6 + 6)^4 + 2) \\
 156257 &:= 1 \times 5^6 \times 2 \times 5 + 7 & 186644 &:= (1 + 8 + 6^6 - 4) \times 4 \\
 156258 &:= 1 \times 5^6 \times 2 \times 5 + 8 & 186646 &:= (-1 + 8 + 6^6) \times 4 + 6 \\
 156259 &:= 1 \times 5^6 \times 2 \times 5 + 9 & 186648 &:= (1 \times 8 + 6^6) \times 4 - 8 \\
 & & 186684 &:= (-1 + 8 + 6^6 + 8) \times 4 \\
 156275 &:= ((-1 + 5^6) \times 2 + 7) \times 5 & 187278 &:= ((-1 + 8) \times 7)^2 \times 78 \\
 156285 &:= (-1 + 5^6 \times 2 + 8) \times 5 & 196608 &:= (-1 + 9)^6 \times 6 / 08 \\
 156295 &:= (1 \times 5^6 \times 2 + 9) \times 5 & 196830 &:= (1 \times 9 - 6)^8 \times 30 \\
 157463 &:= -1 + ((5 + 7) \times 4 + 6)^3 & 209944 &:= 2 \times ((09 + 9)^4 - 4) \\
 158466 &:= (15 - 8)^4 \times 66 & 209946 &:= 2 \times (09 + 9)^4 - 6 \\
 161051 &:= (1^6 + 10)^5 \times 1 & 209952 &:= (2 \times 09)^{9-5} \times 2 \\
 163835 &:= (-1 + (-6 + 38)^3) \times 5 & 210125 &:= (2^{10} + 1)^2 / 5 \\
 163855 &:= (1^6 \times 3 + 8^5) \times 5 & 216003 &:= 2 + 1 + 60^{03} \\
 163875 &:= (16^3 \times 8 + 7) \times 5 & 216021 &:= 21 + 60^{2+1} \\
 167286 &:= (167^2 - 8) \times 6 & 218491 &:= (-2 + 1 + 8)^4 \times 91 \\
 170471 &:= 1 \times 7^{04} \times 71 & 227529 &:= (22 \times 7 + 5)^2 \times 9 \\
 175232 &:= (-1 + 75)^2 \times 32 & 229373 &:= 2^{2 \times 9 - 3} \times 7 - 3 \\
 175274 &:= 1 + (75 - 2) \times 7^4 & 229378 &:= 2 + 2^{9+3} \times 7 \times 8 \\
 176466 &:= (-1 + 7^6) / 4 \times 6 - 6 & 232324 &:= (-2 + 3^{2+3})^2 \times 4 \\
 176472 &:= (1 - 7^6) \times (4 - 7) / 2 & 233255 &:= ((2 \times 3)^{3 \times 2} - 5) \times 5 \\
 177147 &:= (1 + 7 / 7 + 1)^{4+7} & 233280 &:= (2 \times 3^3)^2 \times 80 \\
 182476 &:= (1 + 8 - 2)^4 \times 76 & 234224 &:= 2 - 34 + 22^4 \\
 184275 &:= (-1 + 8^4) \times (2 + 7) \times 5 & 234248 &:= ((2 + 3) \times 4 + 2)^4 - 8 \\
 184325 &:= (1 + 8^4 \times 3^2) \times 5 & 234254 &:= -2 + (34 / 2 + 5)^4 \\
 184329 &:= (1 + 8^4) \times (3 + 2) \times 9 & 234264 &:= 2^3 + (4^2 + 6)^4 \\
 184335 &:= (1 + 8^4 \times 3) \times (3 \times 5) & 234375 &:= (2 + 3)^4 \times 375 \\
 & & 234377 &:= 2 + 3 \times (4 \times 3 - 7)^7
 \end{aligned}$$

$$\begin{aligned}
 235296 &:= -2 + (-3 + 5) \times (-2 + 9)^6 \\
 235768 &:= 2 \times (3^5 + 7^6 - 8) \\
 236194 &:= -2 + 36 \times 1 \times 9^4 \\
 236196 &:= 2 \times 3^{6+1} \times 9 \times 6 \\
 236764 &:= 2 \times (3^6 + 7^6 + 4) \\
 238648 &:= 23 \times (8 + 6^4 \times 8) \\
 245760 &:= (-2 + 4)^{5+7} \times 60 \\
 247167 &:= -2 \times 4^7 - 1 + 6^7
 \end{aligned}$$

$$\begin{aligned}
 248830 &:= -2 + (4 + 8)^{8-3} + 0 \\
 248831 &:= -2 + (4 + 8)^{8-3} + 1 \\
 248832 &:= -2 + (4 + 8)^{8-3} + 2 \\
 248833 &:= -2 + (4 + 8)^{8-3} + 3 \\
 248834 &:= -2 + (4 + 8)^{8-3} + 4 \\
 248835 &:= -2 + (4 + 8)^{8-3} + 5 \\
 248836 &:= -2 + (4 + 8)^{8-3} + 6 \\
 248837 &:= -2 + (4 + 8)^{8-3} + 7 \\
 248838 &:= -2 + (4 + 8)^{8-3} + 8 \\
 248839 &:= -2 + (4 + 8)^{8-3} + 9
 \end{aligned}$$

$$\begin{aligned}
 249318 &:= (2 + 4 \times 9) \times (3 \times 1)^8 \\
 250002 &:= 2 + 500^{02} \\
 252928 &:= 2^{5 \times 2} \times (-9 + 2^8) \\
 253135 &:= (2 + (5 \times 3)^{1+3}) \times 5 \\
 255886 &:= -2 \times 5^5 - 8 + 8^6 \\
 257049 &:= (2^5 + 7)^{04} / 9 \\
 259549 &:= -2595 + 4^9 \\
 261883 &:= -261 + (8 \times 8)^3 \\
 262118 &:= -26 + (2 \times 1)^{18} \\
 262122 &:= 2^{6 \times (2+1)} - 22 \\
 262128 &:= 2^{6 \times (2+1)} - 2 \times 8 \\
 262136 &:= -2 - 6 + (2 \times 1)^{3 \times 6} \\
 262137 &:= (2 + 62 \times 1)^3 - 7 \\
 262139 &:= -2 - 6/2 + (1 + 3)^9
 \end{aligned}$$

$$262140 := 2^{6 \times (2+1)} - 4 + 0$$

$$\begin{aligned}
 262141 &:= 2^{6 \times (2+1)} - 4 + 1 \\
 262142 &:= 2^{6 \times (2+1)} - 4 + 2 \\
 262143 &:= 2^{6 \times (2+1)} - 4 + 3 \\
 262144 &:= 2^{6 \times (2+1)} - 4 + 4 \\
 262145 &:= 2^{6 \times (2+1)} - 4 + 5 \\
 262146 &:= 2^{6 \times (2+1)} - 4 + 6 \\
 262147 &:= 2^{6 \times (2+1)} - 4 + 7 \\
 262148 &:= 2^{6 \times (2+1)} - 4 + 8 \\
 262149 &:= 2^{6 \times (2+1)} - 4 + 9
 \end{aligned}$$

$$\begin{aligned}
 262156 &:= 2 \times 6 + (2 + 1 + 5)^6 \\
 262176 &:= 2^6 / 2 + (1 + 7)^6 \\
 262196 &:= 26 \times 2 + (-1 + 9)^6 \\
 262286 &:= (2 \times 6)^2 - 2 + 8^6 \\
 262438 &:= -2 + (6^2 + 4) \times 3^8 \\
 263866 &:= (2 \times 6)^3 + 8^6 - 6 \\
 265617 &:= -2 - 6 + 5^6 \times 17 \\
 265689 &:= 2^6 + 5^6 \times (8 + 9) \\
 266565 &:= (2^{6+6} + 5) \times 65 \\
 268321 &:= -2 + (6 + 8^3)^2 - 1 \\
 268323 &:= 2 + (6 + 8^3)^2 - 3 \\
 268324 &:= (2 \times (6 + 8^3))^2 / 4 \\
 273375 &:= (2 + 7)^3 \times 375 \\
 274623 &:= -2 + (7 - 4 + 62)^3 \\
 275686 &:= (2 \times 7)^5 + 6 - 8^6 \\
 279666 &:= ((2 - 7) \times 9 + 6^6) \times 6 \\
 279841 &:= (2 \times 7 + 9)^{8-4} \times 1 \\
 279867 &:= 2 - 79 + 8 + 6^7 \\
 279934 &:= -2 + (7 - 9/9)^{3+4} \\
 279936 &:= ((2 - 7 + 9) \times 9)^3 \times 6 \\
 279937 &:= (2 + 7) / 9 + (9 - 3)^7 \\
 279967 &:= 279 / 9 + 6^7 \\
 282240 &:= (2 + 82)^2 \times 40 \\
 287496 &:= ((2 + 8) \times 7 - 4)^{9-6} \\
 289536 &:= 2^8 \times (9 \times 5^3 + 6) \\
 291602 &:= 2 + (9 \times 1 \times 60)^2 \\
 294778 &:= 2 \times 9 \times (4^7 - 7) - 8
 \end{aligned}$$

$$\begin{aligned}
294782 &:= -2 + 94 \times (7 \times 8)^2 & 352932 &:= 3 \times (-5 + (-2 + 9)^{3 \times 2}) \\
294829 &:= -2 + (-9 + 4^8/2) \times 9 & 352947 &:= 3 \times (5 + 2)^{9+4-7} \\
294838 &:= -2 + 9 \times ((4 \times 8)^3 - 8) & 352961 &:= 3 \times (5 + (-2 + 9)^6) - 1 \\
294894 &:= 2 \times (-9 + 4^8 \times 9/4) & 354276 &:= (-3 + (5 + 4)^{-2+7}) \times 6 \\
294895 &:= (2 + (9^4 - 8) \times 9) \times 5 & 354277 &:= ((3 \times 5)^4 - 2 \times 7) \times 7 \\
294912 &:= 2 \times 9 \times 4^{9 \times 1 - 2} & 354292 &:= 3^{5+4} \times 2 \times 9 - 2 \\
294928 &:= 2 \times (9 \times 4^{9-2} + 8) & 354294 &:= 3 \times (5 + 4) \times 2 \times 9^4 \\
295195 &:= (-2 + 9^5 + 1 - 9) \times 5 & 354627 &:= ((3 \times 5)^4 + 6^2) \times 7 \\
295235 &:= (-2 + 9^5) \times (-2 + 3) \times 5 & 357210 &:= 3^5 \times 7 \times 210 \\
295243 &:= -2 + 9^5 \times (-2 + 4 + 3) & 360855 &:= 3^{6 \times 0 + 8} \times 55 \\
295245 &:= (2 + 9^5 + 2 - 4) \times 5 & 367272 &:= (3^6 \times 7 - 2) \times 72 \\
295247 &:= 2 + 9^5 \times (2 - 4 + 7) & 368500 &:= (3^6 + 8) \times 500 \\
295255 &:= (2 + 9^5) \times 25/5 & 371314 &:= 3 \times 7 + 13^{1+4} \\
295285 &:= (2 + 9^5 - 2 + 8) \times 5 & 372573 &:= 3^7 + 2 \times 57^3 \\
295465 &:= (-2 + 9^5 + 46) \times 5 & 373239 &:= (-3 + 73 + 2)^3 - 9 \\
295505 &:= (2 + 9^5 + 50) \times 5 & 373248 &:= (3 \times (7 - 3))^{2+4}/8 \\
296346 &:= ((-2 + 9) \times 6)^3 \times 4 - 6 & 374439 &:= (-3 + 7^4 \times 4) \times 39 \\
296384 &:= (((-2 + 9) \times 6)^3 + 8) \times 4 & 374529 &:= 3 \times (7^4 \times 52 - 9) \\
299575 &:= (2^9 + 9) \times 575 & 375021 &:= 3 \times (7 + 50^{2+1}) \\
312325 &:= 31^2 \times 325 & 375168 &:= 3 \times (7 + (5 \times 1)^6) \times 8 \\
314431 &:= ((3 + 14) \times 4)^3 - 1 & 379793 &:= (-3 + 7)^9 + 7^{9-3} \\
314928 &:= 3^{1^4 \times 9} \times 2 \times 8 & 386758 &:= -3867 + 5^8 \\
325125 &:= ((3 + 2) \times 51)^2 \times 5 & 388560 &:= (3^8 - 85) \times 60 \\
326557 &:= (3 \times 2 \times 6^5 - 5) \times 7 & 388993 &:= -3 \times 8 + (-8 + 9 \times 9)^3 \\
326586 &:= 3 \times (-2 + 6^5 \times (8 + 6)) & 389342 &:= ((3 + 89)^3 - 4)/2 \\
326592 &:= (3 \times 2)^6 \times (5 + 9)/2 & 390358 &:= 3 - 90 \times 3 + 5^8 \\
326617 &:= 32 + (6^6 - 1) \times 7 & 390583 &:= -39 + 05^8 - 3 \\
326634 &:= ((3 \times 2)^6 + 6) \times (3 + 4) & 390589 &:= -3 \times 9 + 05^8 - 9 \\
326697 &:= ((3 \times 2)^6 + 6 + 9) \times 7 & 390628 &:= 3 + (9 - 06 + 2)^8 \\
327485 &:= (-32 - 7 + 4^8) \times 5 & 390658 &:= 3 \times 9 + 06 + 5^8 \\
331683 &:= 3 \times (-31 + (6 \times 8)^3) & 391864 &:= (-3^9 + (-1 + 8)^6) \times 4 \\
331773 &:= -3 + (31 - 7)^{7-3} & 393189 &:= 3 \times (-9 + (3 - 1)^{8+9}) \\
333234 &:= (3 \times 33)^2 \times 34 & 393216 &:= (3 + 9/3) \times 2^{16} \\
344250 &:= 3^4 \times 4250 & 393420 &:= (3^9 - 3 \times 4) \times 20 \\
347736 &:= 3 + 477 \times 3^6 & 393660 &:= 3^9 / (-3 + 6) \times 60 \\
351232 &:= (3 + 51 + 2)^3 \times 2 & 393720 &:= (3 + 9 \times 3^7) \times 20 \\
352926 &:= 3 \times (-5 - 2 + (9 - 2)^6) & 393820 &:= ((3 \times 9)^3 + 8) \times 20
\end{aligned}$$

$$397535 := (3 \times (9 + 7) - 5)^3 \times 5$$

$$413466 := (41^3 - 4 - 6) \times 6$$

$$413496 := (41^3 + 4 - 9) \times 6$$

$$413518 := 41^3 \times (5 + 1) - 8$$

$$417625 := (4 + 17^{6-2}) \times 5$$

$$419904 := 4 \times (1 \times 9 + 9)^{04}$$

$$420175 := (4 + 20 + 1) \times 7^5$$

$$425984 := (4 \times 2)^5 \times (9 + 8 - 4)$$

$$432964 := 4 \times 329^{6-4}$$

$$437564 := 4^3 + 7 \times 5^6 \times 4$$

$$437656 := 4 \times (-3 + 7 \times (6 + 5^6))$$

$$437750 := (4 \times 3^7 + 7) \times 50$$

$$455625 := (4 \times 5 - 5)^6 / 25$$

$$456533 := (4 + 5 + 65 + 3)^3$$

$$456976 := (4 \times 5 + 6)^{-9+7+6}$$

$$459270 := ((4 + 5) \times 9)^2 \times 70$$

$$466520 := (-4 + 6^6) \times 5 \times 2 + 0$$

$$466521 := (-4 + 6^6) \times 5 \times 2 + 1$$

$$466522 := (-4 + 6^6) \times 5 \times 2 + 2$$

$$466523 := (-4 + 6^6) \times 5 \times 2 + 3$$

$$466524 := (-4 + 6^6) \times 5 \times 2 + 4$$

$$466525 := (-4 + 6^6) \times 5 \times 2 + 5$$

$$466526 := (-4 + 6^6) \times 5 \times 2 + 6$$

$$466527 := (-4 + 6^6) \times 5 \times 2 + 7$$

$$466528 := (-4 + 6^6) \times 5 \times 2 + 8$$

$$466529 := (-4 + 6^6) \times 5 \times 2 + 9$$

$$466536 := (-4 + 6^6 \times 5/3) \times 6$$

$$466552 := (-4 + 6 \times 6^5 \times 5) \times 2$$

$$466553 := -4 + 6^6 \times (5 + 5) - 3$$

$$466557 := 4 + 6^6 \times (5 + 5) - 7$$

$$466560 := (4 + 6) \times 6^5 \times 6 + 0$$

$$466561 := (4 + 6) \times 6^5 \times 6 + 1$$

$$466562 := (4 + 6) \times 6^5 \times 6 + 2$$

$$466563 := (4 + 6) \times 6^5 \times 6 + 3$$

$$466564 := (4 + 6) \times 6^5 \times 6 + 4$$

$$466565 := (4 + 6) \times 6^5 \times 6 + 5$$

$$466566 := (4 + 6) \times 6^5 \times 6 + 6$$

$$466567 := (4 + 6) \times 6^5 \times 6 + 7$$

$$466568 := (4 + 6) \times 6^5 \times 6 + 8$$

$$466569 := (4 + 6) \times 6^5 \times 6 + 9$$

$$466652 := (46 + 6^6 \times 5) \times 2$$

$$466880 := (4 + 6^6/8) \times 80$$

$$470576 := 4 \times (7 \times 0 - 5 + 7^6)$$

$$470596 := 4 \times 7^{0 \times 59 + 6}$$

$$470616 := 4 \times (7^{06} - 1 + 6)$$

$$470632 := 4 \times (7^{06} + 3^2)$$

$$471576 := (471 + 5^7) \times 6$$

$$472364 := 4 \times (-7 + 2 \times 3^{6+4})$$

$$472384 := -4 + 72 \times 3^8 + 4$$

$$472388 := 4 + 72 \times 3^8 - 8$$

$$472392 := (4 + 7 \times 2)^3 \times 9^2$$

$$472395 := -4 + 7 + 2^3 \times 9^5$$

$$472398 := (-4 + 7) \times (2 + 3^9 \times 8)$$

$$472439 := 47 + 24 \times 3^9$$

$$474552 := (4 + 74)^{5/5+2}$$

$$475136 := 4^7 \times (5 + (1 + 3) \times 6)$$

$$475281 := (4^7 + 5) \times (28 + 1)$$

$$476254 := 4 + 762 \times 5^4$$

$$483153 := ((-4 + 8) \times 3 - 1)^5 \times 3$$

$$484128 := (48 \times 41)^2 / 8$$

$$492205 := 49^2 \times 205$$

$$493837 := -4 + 9 \times 38^3 - 7$$

$$493852 := 4 + 9 \times 38^{5-2}$$

$$497657 := 4 \times (9 + 7) \times 6^5 - 7$$

$$497662 := (-4 + 9 + 7)^6 / 6 - 2$$

$$497664 := 4 \times (9 + 7) \times 6 \times 6^4$$

$$508276 := 5^{08} + 2 + 7^6$$

$$515816 := -5^{1+5} + (8 + 1)^6$$

$$523665 := ((5 - 2) \times 3)^6 - 6^5$$

$$524088 := (-5^2 + 4^{08}) \times 8$$

$$524248 := (-5 + (2 \times 4 \times 2)^4) \times 8$$

$$524282 := -5 + (-2 + 4^{2+8})/2$$

$$524283 := -5 + 2^{4 \times 2 + 8 + 3}$$

$$524285 := -5 + 2 + 4^2 \times 8^5$$

$$524288 := (5 \times 2 - 4 - 2)^8 \times 8$$

$$524293 := 5 + 2^{4+2 \times 9-3}$$

$$524298 := 5 \times 2 + 4^{2+9}/8$$

$$524488 := (5^{-2+4} + 4^8) \times 8$$

$$524880 := (5 + 2 - 4)^8 \times 80$$

$$526833 := (-5 + (2^6 - 8)^3) \times 3$$

$$531296 := 5 \times (-31 + 2) + 9^6$$

$$531396 := -5 \times 3 \times 1 \times 3 + 9^6$$

$$531426 := -5 \times 3 + (1 + 4 \times 2)^6$$

$$531428 := -5 + 3^{14-2} - 8$$

$$531433 := -5 + (3 \times 1)^{4 \times 3} - 3$$

$$531436 := -5 + (3 - 1 + 4 + 3)^6$$

$$531438 := 5 + (3 \times 1)^{4 \times 3} - 8$$

$$531439 := -5 + 3 + (-1 + 4)^{3+9}$$

$$531441 := (5 - 3 + 1)^{4 \times (4-1)}$$

$$531443 := 5 + (31 - 4)^4 - 3$$

$$531446 := 5 + 3^{14+4-6}$$

$$531456 := 5 \times 3 + (1 \times 4 + 5)^6$$

$$531494 := 53 + ((-1 + 4) \times 9)^4$$

$$531496 := 5 \times (-3 + 14) + 9^6$$

$$531566 := 5^3 + (15 - 6)^6$$

$$531966 := 531 + 9^6 - 6$$

$$538412 := (5 + 3^8) \times 41 \times 2$$

$$546875 := 5^{4-6+8} \times 7 \times 5$$

$$549365 := 5 \times (49^3 - 6^5)$$

$$551343 := -5 \times 5 + (1 + 3^4)^3$$

$$559539 := 5^5 + (9^5 - 3) \times 9$$

$$562419 := ((5^6 - 2) \times 4 - 1) \times 9$$

$$563922 := ((56 + 3) \times 9)^2 \times 2$$

$$577602 := -5 + 7 + 760^2$$

$$583443 := (5 \times (8 - 3) - 4)^4 \times 3$$

$$583889 := -5 \times 8 + 3^8 \times 89$$

$$584647 := (5 + 8/4 \times 6)^4 \times 7$$

$$585640 := 5 \times 8 \times (5 + 6)^4 + 0$$

$$585641 := 5 \times 8 \times (5 + 6)^4 + 1$$

$$585642 := 5 \times 8 \times (5 + 6)^4 + 2$$

$$585643 := 5 \times 8 \times (5 + 6)^4 + 3$$

$$585644 := 5 \times 8 \times (5 + 6)^4 + 4$$

$$585645 := 5 \times 8 \times (5 + 6)^4 + 5$$

$$585646 := 5 \times 8 \times (5 + 6)^4 + 6$$

$$585647 := 5 \times 8 \times (5 + 6)^4 + 7$$

$$585648 := 5 \times 8 \times (5 + 6)^4 + 8$$

$$585649 := 5 \times 8 \times (5 + 6)^4 + 9$$

$$588765 := ((5 + 8) \times 8 + 7^6) \times 5$$

$$589748 := -5 - 8 + 9 \times (-7 + 4^8)$$

$$589864 := 5 \times 8 + 9 \times 8^6/4$$

$$590945 := 5 + 90 \times (9^4 + 5)$$

$$592763 := 59 + (2 \times 7 \times 6)^3$$

$$597878 := 5 + (9^7 + 8 + 7)/8$$

$$606476 := (6^{06} - 4) \times (7 + 6)$$

$$614125 := (6 \times 14 + 1)^{-2+5}$$

$$624978 := -6 + (-2 + (-4 + 9)^7) \times 8$$

$$629844 := 6 \times (-2 + (9 \times 8/4)^4)$$

$$629848 := (6/2)^9 \times 8 \times 4 - 8$$

$$635993 := -63 + (5 + 9 \times 9)^3$$

$$640024 := (6 + 400^2) \times 4$$

$$645500 := (6^4 - 5) \times 500$$

$$649495 := (6 - 4 + 9) \times (-4 + 9^5)$$

$$649529 := -6 - 4 + 9^5 \times (2 + 9)$$

$$653184 := 6^5 \times (3 + 18) \times 4$$

$$655284 := (6^5 + 5^2) \times 84$$

$$655354 := -6 + 5 \times (5 + 3)^5 \times 4$$

$$655935 := (6 \times 5^5 - 9) \times 35$$

$$656187 := (6 \times 5^6 - 1 - 8) \times 7$$

$$656244 := -6 + 5^6 \times (-2 + 44)$$

$$656250 := 6 \times 5^6 \times (2 + 5) + 0$$

$$656251 := 6 \times 5^6 \times (2 + 5) + 1$$

$$656252 := 6 \times 5^6 \times (2 + 5) + 2$$

$$656253 := 6 \times 5^6 \times (2 + 5) + 3$$

$$656254 := 6 \times 5^6 \times (2 + 5) + 4$$

$$656255 := 6 \times 5^6 \times (2 + 5) + 5$$

$$656256 := 6 \times 5^6 \times (2 + 5) + 6$$

$$656257 := 6 \times 5^6 \times (2 + 5) + 7$$

$$656258 := 6 \times 5^6 \times (2 + 5) + 8$$

$$656259 := 6 \times 5^6 \times (2 + 5) + 9$$

$$656298 := 6 \times (5^6 \times (-2 + 9) + 8)$$

$$656373 := 6 \times (5^6 + 3) \times 7 - 3$$

$$656376 := (6 + 5^6 - 3) \times 7 \times 6$$

$$656418 := 6 \times (5^6 + 4) \times (-1 + 8)$$

$$656790 := 6 \times (5^6 \times 7 + 90)$$

$$656817 := (6 \times 5^6 + 81) \times 7$$

$$657874 := (-6 + 5 \times 7 \times 8) \times 7^4$$

$$659685 := (6^5 - 9 - 6) \times 85$$

$$663552 := 6 \times (6 \times (3 + 5))^{5-2}$$

$$677328 := 6 \times ((-7 + 7^3)^2 - 8)$$

$$699875 := (6^9 / (9 \times 8) + 7) \times 5$$

$$705642 := (7^{05} - 6) \times 42$$

$$715821 := 71^{-5+8} \times 2 - 1$$

$$728993 := -7 + ((2 + 8) \times 9)^{9/3}$$

$$729014 := 7 \times 2 + 90^{-1+4}$$

$$741321 := (7 \times 41 \times 3)^2 \times 1$$

$$742572 := ((7 + 4 + 2)^5 - 7) \times 2$$

$$742586 := (7 + 4 + 2)^5 \times (8 - 6)$$

$$756045 := (7^5 - 6) \times 045$$

$$756315 := 7^5 \times (6 - 3) \times 15$$

$$756325 := (7^5 \times (6 + 3) + 2) \times 5$$

$$756549 := ((7^5 + 6) \times 5 - 4) \times 9$$

$$756585 := (7^5 + 6) \times (5 \times 8 + 5)$$

$$759359 := -7 + (5 \times 9/3)^5 - 9$$

$$759375 := (7 - 5 + 9 - 3 + 7)^5$$

$$765392 := 7^6 \times 5 + 3^{9+2}$$

$$766927 := (7 + 6 \times 6 \times 9)^2 \times 7$$

$$774137 := 7 \times (7 + 41)^3 - 7$$

$$776887 := 7^7 - 6^{-8/8+7}$$

$$777922 := ((7 + 7) \times 7 \times 9)^2 - 2$$

$$777924 := 7 \times 7 \times (7 \times 9)^2 \times 4$$

$$781257 := 7 + (8 \times 1 + 2) \times 5^7$$

$$786385 := -7 + 8^6 \times 3 - 8 \times 5$$

$$786393 := (-7 + 8^6 + 3 - 9) \times 3$$

$$786396 := (-7 + 8^6) \times 3 - 9 - 6$$

$$786411 := (-7 + 8^6) \times (4 - 1) \times 1$$

$$786413 := -7 + (8^6 - 4 \times 1) \times 3$$

$$786425 := -7 - 8^6 + 4^{2 \times 5}$$

$$786433 := -7 + 8 + 64^3 \times 3$$

$$786439 := 7 + (8 \times 6 \times 4)^3 / 9$$

$$786441 := (7 + 8^6 - 4) \times (4 - 1)$$

$$786453 := (7 + 8^6) \times (4 + 5) / 3$$

$$789264 := 7 \times (89 - 2) \times 6^4$$

$$805255 := (8 + 05 - 2)^5 \times 5$$

$$805655 := (80 + (5 + 6)^5) \times 5$$

$$806752 := 8 \times (06 \times 7^5 + 2)$$

$$823297 := -82 \times 3 + (-2 + 9)^7$$

$$823461 := -82 + (3 + 4)^{6+1}$$

$$823527 := -8 - 2^3 + (5 + 2)^7$$

$$823543 := ((8 - 2) / 3 + 5)^{4+3}$$

$$824577 := 8 + 2 + 4^5 + 7^7$$

$$839424 := 8 \times (-3 + 9^4) \times 2^4$$

$$839673 := ((-8 + 3) \times 9 + 6^7) \times 3$$

$$839812 := (8 + (-3 + 9)^8) / (1 \times 2)$$

$$839827 := -8 + 3 \times (9 + (8 - 2)^7)$$

$$839867 := 8 + 3 \times (9 + 8 + 6^7)$$

$$844277 := (8 + 4)^4 - 2 + 7^7$$

$$851942 := (8^5 - 1) \times (9 + 4) \times 2$$

$$851968 := (8 + 5) \times (1 + 9 - 6)^8$$

$$856192 := (8^5 + 6^{-1+9}) / 2$$

$$857383 := 8 + (57 + 38)^3$$

$$875336 := 8 \times 7 \times (5^{3+3} + 6)$$

$$884733 := (8 \times 84/7)^3 - 3$$

$$884736 := 8 \times 8^4 \times (7 \times 3 + 6)$$

$$\begin{aligned}
 886464 &:= (8 \times 86 - 4) \times 6^4 & 937577 &:= (9 + 3) \times (7 + 5^7) - 7 \\
 907569 &:= 9 \times 07^5 \times 6 - 9 & 944784 &:= 9^4 \times (4 \times 7 + 8) \times 4 \\
 912247 &:= (9 + 12 - 2)^4 \times 7 & 973944 &:= ((9 \times 7)^3 - 9^4) \times 4 \\
 923314 &:= -9 \times 23 + 31^4 & 984150 &:= 9^{8-4} \times 150 \\
 924385 &:= (9 - 2)^4 \times 385
 \end{aligned}$$

3 Factorial-Type Selfie Numbers

This section bring **selfie numbers** in digit's order using basic operations with **factorial**. This again, we have divided in two subsections. One with addition and subtraction and another with all basic operations.

3.1 Positive and Negative Signs

This subsection brings **factorial-type selfie numbers** only with addition and subtraction. Again we have divided in two subsections. One without brackets and another with brackets. The results are limited up to 6 digits. The numbers appeared in expression (3) are also appearing again.

3.1.1 Without Brackets

$$\begin{aligned}
 145 &:= 1 + 4! + 5! & 39583 &:= -3 - 9 - 5 + 8! - 3!! \\
 660 &:= 6! - 60 & 39588 &:= -3!! - 9 + 5 + 8! - 8 \\
 733 &:= 7 + 3!! + 3! & 39688 &:= -3!! + 96 - 8 + 8! \\
 & & 40281 &:= -40 + 2 + 8! - 1 \\
 1463 &:= -1 + 4! + 6! + 3!! & 40287 &:= -4! - 02 + 8! - 7 \\
 4317 &:= -4 - 3!! + 1 + 7! & 40288 &:= -4 - 028 + 8! \\
 5037 &:= -5 - 0! + 3 + 7! & 40289 &:= -4! + 02 + 8! - 9 \\
 5175 &:= 5! + 7! + 15 & 40308 &:= -4 - 0! - 3! - 0! + 8! \\
 5177 &:= 5! + 17 + 7! & 40318 &:= -4 + 0 + 3 - 1 + 8! \\
 5637 &:= -5! + 6! - 3 + 7! & 40338 &:= 4! + 0 - 3 - 3 + 8! \\
 6476 &:= 6! - 4 + 7! + 6! & 40358 &:= 40 + 3 - 5 + 8! \\
 & & 40585 &:= 4! + 0! + 5! + 8! + 5! \\
 & & 80518 &:= 8! - 0! - 5! - 1 + 8! \\
 & & 80585 &:= -5 + 8! - 50 + 8! \\
 & & 80638 &:= 8! + 3 - 6 + 0! + 8! \\
 10077 &:= -1 - 0! - 0! + 7! + 7! & & \\
 33837 &:= -3 - 3!! + 8! - 3!! - 7! & & \\
 35875 &:= 3!! - 5! + 8! - 7! - 5 & & \\
 38728 &:= -3!! - 872 + 8! & & \\
 38753 &:= -3!! + 8! - 7 - 5! - 3!! & 316798 &:= -3 + 1 - 6! - 7! + 9! - 8! \\
 38800 &:= -3!! + 8! - 800 & 317489 &:= -3! - 1 - 7! - 4! - 8! + 9! \\
 38864 &:= -3!! + 8! + 8 - 6! - 4! & 317498 &:= 3 - 1 - 7! - 4! + 9! - 8! \\
 38866 &:= -3!! + 8! - 8 - 6! - 6 & 322589 &:= 32 + 2 - 5 - 8! + 9! \\
 39388 &:= 3! - 938 + 8! & 323968 &:= -32 + 3!! + 9! + 6! - 8! \\
 39538 &:= -3!! - 9 - 53 + 8! & 323989 &:= 3!! - 2 + 3!! - 9 - 8! + 9!
 \end{aligned}$$

$$\begin{aligned}
326879 &:= -3 + 2 - 6! - 8! + 7! + 9! \\
352797 &:= -3! + 5 - 2 - 7! + 9! - 7! \\
356997 &:= 3! - 5! - 6! - 9 + 9! - 7! \\
357159 &:= -3! - 5715 + 9! \\
357219 &:= -3!! + 5! - 7! - 21 + 9! \\
357239 &:= -3 + 5! - 7! + 2 - 3!! + 9! \\
357479 &:= -357 - 4 - 7! + 9! \\
357589 &:= -3 - 5! - 7! - 5! - 8 + 9! \\
357592 &:= -3! - 5! - 7! - 5! + 9! - 2 \\
357598 &:= 3! - 5! - 7! - 5! + 9! - 8 \\
357699 &:= -3! - 5! - 7! - 6 + 9! - 9 \\
357709 &:= -3 - 5! - 7! - 7 - 0! + 9! \\
357739 &:= 3! - 5! + 7 - 7! + 3! + 9! \\
357779 &:= 3 - 57 - 7! - 7 + 9! \\
357790 &:= 3! - 57 - 7! + 9! + 0! \\
357794 &:= -35 - 7! - 7 + 9! - 4 \\
357819 &:= 3!! - 5781 + 9! \\
357829 &:= -3! + 5 - 7! - 8 - 2 + 9! \\
357839 &:= 3! - 5 - 7! - 8 + 3! + 9! \\
357879 &:= 3! + 5! - 7! - 87 + 9! \\
357927 &:= -3! + 5! - 7! + 9! - 27 \\
357933 &:= 3! + 5! - 7! + 9! - 33 \\
357939 &:= -3! + 5! - 7! + 9! - 3! - 9 \\
357940 &:= 3 + 5! - 7! + 9! - 4! + 0! \\
357941 &:= 3! + 5! - 7! + 9! - 4! - 1! \\
357945 &:= -3! + 5! - 7! + 9! - 4 - 5 \\
357945 &:= -3! + 5! - 7! + 9! - 4 - 5 \\
357949 &:= -3! + 5! - 7! + 9! + 4 - 9 \\
357950 &:= -3! + 5! - 7! + 9! - 5 + 0! \\
357951 &:= -3 + 5! - 7! + 9! - 5 - 1 \\
\\
357960 &:= 3! + 5! - 7! + 9! - 6 + 0 \\
357961 &:= 3! + 5! - 7! + 9! - 6 + 1 \\
357962 &:= 3! + 5! - 7! + 9! - 6 + 2 \\
357963 &:= 3! + 5! - 7! + 9! - 6 + 3 \\
357964 &:= 3! + 5! - 7! + 9! - 6 + 4 \\
357965 &:= 3! + 5! - 7! + 9! - 6 + 5 \\
357966 &:= 3! + 5! - 7! + 9! - 6 + 6 \\
357967 &:= 3! + 5! - 7! + 9! - 6 + 7 \\
357968 &:= 3! + 5! - 7! + 9! - 6 + 8 \\
357969 &:= 3! + 5! - 7! + 9! - 6 + 9 \\
\\
357970 &:= 3 + 5! - 7! + 9! + 7 + 0 \\
357971 &:= 3 + 5! - 7! + 9! + 7 + 1 \\
357972 &:= 3 + 5! - 7! + 9! + 7 + 2 \\
357973 &:= 3 + 5! - 7! + 9! + 7 + 3 \\
357974 &:= 3 + 5! - 7! + 9! + 7 + 4 \\
357975 &:= 3 + 5! - 7! + 9! + 7 + 5 \\
357976 &:= 3 + 5! - 7! + 9! + 7 + 6 \\
357977 &:= 3 + 5! - 7! + 9! + 7 + 7 \\
357978 &:= 3 + 5! - 7! + 9! + 7 + 8 \\
357979 &:= 3 + 5! - 7! + 9! + 7 + 9 \\
\\
357953 &:= -3! + 5! - 7! + 9! + 5 - 3! \\
357954 &:= 3 - 5 - 7! + 9! + 5! - 4 \\
357956 &:= -3 + 5! - 7! + 9! + 5 - 6 \\
357959 &:= 3 + 5! - 7! + 9! + 5 - 9 \\
358197 &:= 358 - 1 + 9! - 7! \\
359273 &:= 3!! - 5 + 9! - 2 - 7! + 3!! \\
361439 &:= -3! - 6! + 1 + 4 - 3!! + 9! \\
361459 &:= -3!! - 6! + 14 + 5 + 9! \\
361469 &:= 3! - 6! - 1 + 4! - 6! + 9! \\
361489 &:= -3!! - 6! + 1 + 48 + 9! \\
361539 &:= -3! - 615 - 3!! + 9! \\
361549 &:= -3!! - 615 + 4 + 9! \\
361599 &:= -3!! - 6! + 159 + 9! \\
361899 &:= 9! - 981 - 6 + 3! \\
361959 &:= -3! - 6! - 195 + 9! \\
361989 &:= 9! - 891 - 6 + 3! \\
362089 &:= -3!! - 62 - 0! - 8 + 9! \\
362093 &:= -3! - 62 + 0! + 9! - 3!! \\
362094 &:= -3!! - 62 + 09! - 4 \\
362096 &:= -3 - 62 + 0! + 9! - 6! \\
362139 &:= 3 - 6! - 21 - 3 + 9! \\
362149 &:= 3! - 6! - 21 + 4 + 9! \\
362159 &:= 3 - 6! + 2 - 1 - 5 + 9! \\
362193 &:= 3! - 6! + 21 + 9! + 3! \\
362259 &:= 3! - 622 - 5 + 9! \\
362395 &:= -362 - 3 + 9! - 5! \\
362492 &:= -362 - 4! + 9! - 2 \\
362619 &:= 3! - 6 - 261 + 9! \\
362695 &:= 3 - 62 - 6 + 9! - 5!
\end{aligned}$$

$$\begin{aligned}
 362739 &:= -3! - 62 - 73 + 9! & 362939 &:= -3! + 62 + 9! - 3! + 9 \\
 362799 &:= -3 - 62 - 7 + 9! - 9 \\
 362819 &:= -3! - 62 + 8 - 1 + 9! & 362940 &:= -3! + 62 + 9! + 4 + 0 \\
 362849 &:= -3 + 6 - 2 - 8 - 4! + 9! & 362941 &:= -3! + 62 + 9! + 4 + 1 \\
 362859 &:= -36 + 2 + 8 + 5 + 9! & 362942 &:= -3! + 62 + 9! + 4 + 2 \\
 362879 &:= -36 + 28 + 7 + 9! & 362943 &:= -3! + 62 + 9! + 4 + 3 \\
 362979 &:= 3! - 6 + 2 + 97 + 9! & 362944 &:= -3! + 62 + 9! + 4 + 4 \\
 & & 362945 &:= -3! + 62 + 9! + 4 + 5 \\
 & & 362946 &:= -3! + 62 + 9! + 4 + 6 \\
 & & 362947 &:= -3! + 62 + 9! + 4 + 7 \\
 & & 362948 &:= -3! + 62 + 9! + 4 + 8 \\
 & & 362949 &:= -3! + 62 + 9! + 4 + 9 \\
 & & & \\
 & & 362950 &:= 3 + 62 + 9! + 5 + 0 \\
 & & 362951 &:= 3 + 62 + 9! + 5 + 1 \\
 & & 362952 &:= 3 + 62 + 9! + 5 + 2 \\
 & & 362953 &:= 3 + 62 + 9! + 5 + 3 \\
 & & 362954 &:= 3 + 62 + 9! + 5 + 4 \\
 & & 362955 &:= 3 + 62 + 9! + 5 + 5 \\
 & & 362956 &:= 3 + 62 + 9! + 5 + 6 \\
 & & 362957 &:= 3 + 62 + 9! + 5 + 7 \\
 & & 362958 &:= 3 + 62 + 9! + 5 + 8 \\
 & & 362959 &:= 3 + 62 + 9! + 5 + 9 \\
 & & & \\
 & & 362995 &:= -3! - 6 - 2 + 9 + 9! + 5! \\
 & & 363159 &:= -36 + 315 + 9! \\
 & & 363199 &:= 3! - 6 + 319 + 9! \\
 & & 363239 &:= 36 + 323 + 9! \\
 & & 363249 &:= 363 + 2 + 4 + 9! \\
 & & 363269 &:= 363 + 26 + 9! \\
 & & 363279 &:= 3! + 6! - 327 + 9! \\
 & & 363459 &:= -3 + 6! + 3! - 4! - 5! + 9! \\
 & & 363489 &:= 3!! - 63 - 48 + 9! \\
 & & 363495 &:= -3 + 6! - 3! + 4! + 9! - 5! \\
 & & 363499 &:= -3! + 634 + 9! - 9 \\
 & & 363509 &:= -3! + 635 + 09! \\
 & & 363519 &:= 3 + 635 + 1 + 9! \\
 & & 363539 &:= 3!! - 63 + 5 - 3 + 9! \\
 & & 363549 &:= 3! + 6! - 3 - 54 + 9! \\
 & & 363579 &:= -3 + 6! - 3! - 5 - 7 + 9!
 \end{aligned}$$

$$\begin{aligned}
363590 &:= -3 + 6! - 3 - 5 + 9! + 0! & 367942 &:= 3! - 6 + 7! + 9! + 4! - 2 \\
363591 &:= 3 + 6! - 3! - 5 + 9! - 1 & 367946 &:= 36 + 7! + 9! - 4 - 6 \\
363593 &:= -3 + 6! - 3! + 5 + 9! - 3 & 367948 &:= 3! + 6 + 7! + 9! + 4! - 8 \\
363594 &:= 3! + 6! - 3 - 5 + 9! - 4 & 367950 &:= 36 + 7! + 9! - 5 - 0! \\
363597 &:= 3! + 6! + 3 - 5 + 9! - 7 & 367961 &:= 36 + 7! + 9! + 6 - 1 \\
363599 &:= 3! + 6! - 3 + 5 + 9! - 9 & 367977 &:= -3 + 67 + 9! - 7 + 7! \\
364159 &:= 3!! + 6! - 41 - 5! + 9! & 367995 &:= -36 + 7! - 9 + 9! + 5! \\
364239 &:= 3!! + 642 - 3 + 9! & 368709 &:= 3!! + 68 + 7! + 0! + 9! \\
364292 &:= 3!! + 6! - 4! - 2 + 9! - 2 & 369859 &:= -3! + 6985 + 9! \\
364294 &:= 3!! + 6! - 4! + 2 + 9! - 4 & 369869 &:= 3 + 6986 + 9! \\
364309 &:= 3!! + 6! - 4 - 3! - 0! + 9! & 372957 &:= -3! + 7! - 2 + 9! + 5 + 7! \\
364319 &:= -3! + 6! + 4 + 3!! + 1 + 9! & 372967 &:= 3 + 7! - 2 + 9! + 6 + 7! \\
364359 &:= 3!! + 6! + 4 + 35 + 9! & 377997 &:= 3! + 7! + 7! - 9 + 9! + 7! \\
364369 &:= 3! + 6! + 43 + 6! + 9! & 397438 &:= -3! + 9! - 7! + 4 - 3!! + 8! \\
364799 &:= 3!! + 6! + 479 + 9! & 397488 &:= -3!! + 9! - 7! + 48 + 8! \\
364969 &:= 3!! + 649 + 6! + 9! & 397584 &:= -3!! + 9! - 7! + 5! + 8! + 4! \\
366479 &:= 3 - 6! - 6! - 4 + 7! + 9! & 398157 &:= 3 + 9! + 8! - 1 - 5 + 7! \\
366539 &:= 3665 - 3! + 9! & 398173 &:= 3! + 9! + 8! + 1 - 7! + 3! \\
366549 &:= 3665 + 4 + 9! & 398275 &:= -3 + 9! + 8! - 2 - 7! + 5! \\
366597 &:= -3 - 6! - 6! + 5! + 9! + 7! & 398755 &:= 3!! + 9! + 8! - 7! - 5! - 5 \\
367193 &:= -3 - 6! + 7! - 1 + 9! - 3 & 398790 &:= 3!! + 9! + 8! - 7! - 90 \\
367194 &:= -3 - 6! + 7! + 1 + 9! - 4 & 398871 &:= 3!! + 9! + 8! - 8 - 7! - 1 \\
367196 &:= 3 - 6 + 7! - 1 + 9! - 6! & 398879 &:= 3!! - 9 + 8 + 8! - 7! + 9! \\
367197 &:= 3 - 6! - 7 + 1 + 9! + 7! & 398897 &:= 3!! + 9 + 8 + 8! + 9! - 7! \\
367795 &:= -3! - 6 + 7 + 7! + 9! - 5! & 398977 &:= 3!! + 9! + 8! + 97 - 7! \\
367891 &:= -36 + 7! + 8 + 9! - 1 & 398978 &:= 3!! + 98 + 9! - 7! + 8! \\
367895 &:= -3! - 6 + 7! - 8 + 9! - 5 & 403189 &:= -4 - 03! - 1 + 8! + 9! \\
367903 &:= -3! - 6 + 7! + 9! + 0! - 3! & 403198 &:= -4 + 03 - 1 + 9! + 8! \\
367904 &:= -3! - 6 + 7! + 9! + 0 - 4 & 403199 &:= 40319 + 9! \\
367905 &:= -3 - 6 + 7! + 9! - 0! - 5 & 403598 &:= 403 - 5 + 9! + 8! \\
367906 &:= -3 - 6 + 7! + 9! + 0! - 6 & 403889 &:= -4! + 0! + 3!! - 8 + 8! + 9! \\
367908 &:= 3 - 6 + 7! + 9! - 0! - 8 & 403893 &:= -4! + 03!! + 8! + 9! - 3 \\
367909 &:= 3 - 6 + 7! - 9 + 0! + 9! & 403918 &:= -4 + 0! + 3!! + 9! + 1 + 8! \\
367920 &:= 3 - 6 + 7! + 9! + 2 + 0! & 403938 &:= 4! + 03!! + 9! - 3! + 8! \\
367921 &:= 3! - 6 + 7! + 9! + 2 - 1 & 403948 &:= 4 + 03!! + 9! + 4! + 8! \\
367927 &:= 3! + 6 + 7! + 9! + 2 - 7 & 403984 &:= 40 + 3!! + 9! + 8! + 4! \\
367928 &:= 36 + 7! + 9! - 28 & 408937 &:= -4! + 0! + 8! + 9! + 3!! + 7! \\
367930 &:= -3 + 6 + 7! + 9! + 3! + 0! & 683995 &:= -6! - 8! - 3!! + 9! + 9! - 5 \\
367931 &:= 3 + 6 + 7! + 9! + 3 - 1 & 715799 &:= -7! - 1! + 5! - 7! + 9! + 9! \\
367934 &:= 3! + 6 + 7! + 9! + 3! - 4 & 715799 &:= -7! - 1 + 5! - 7! + 9! + 9! \\
367940 &:= 3 - 6 + 7! + 9! + 4! - 0! & 720599 &:= -7! - 2 + 0! - 5! + 9! + 9!
\end{aligned}$$

$$\begin{aligned}
 725499 &:= -7 - 254 + 9! + 9! \\
 725699 &:= -7 + 2 - 56 + 9! + 9! \\
 725799 &:= 7 + 25 + 7 + 9! + 9! \\
 725995 &:= -7 + 2 + 5! + 9! + 9! + 5!
 \end{aligned}$$

$$\begin{aligned}
 726499 &:= -7 + 2 + 6! + 4! + 9! + 9! \\
 730799 &:= 7! + 3! + 0 - 7 + 9! + 9!
 \end{aligned}$$

3.1.2 With Brackets

$$\begin{aligned}
 120 &:= ((1 + 2)! - 0!)! \\
 144 &:= (1 + 4)! + 4! \\
 715 &:= (7 - 1)! - 5 \\
 720 &:= (7 - 2 + 0!)! \\
 744 &:= (7 - 4)!! + 4! \\
 1435 &:= (-1 + 4)!! + 3!! - 5 \\
 1440 &:= (-1 + 4)!! + (4 - 0)!! \\
 1464 &:= (-1 + 4)!! + 6! + 4! \\
 4296 &:= -4! + (-2 + 9)! - 6! \\
 4316 &:= -4 - 3!! + (1 + 6)! \\
 4320 &:= (4 + 3)! - (2 + 0)!! \\
 5016 &:= -(5 - 0)! + (1 + 6)! \\
 5017 &:= -(5 - 0)! + 1! + 7! \\
 5034 &:= -5 - 0! + (3 + 4)! \\
 5035 &:= (5 - 0! + 3)! - 5 \\
 5040 &:= (5 - 0! + 4 - 0)! \\
 5184 &:= 5! + (-1 + 8)! + 4!
 \end{aligned}$$

$$\begin{aligned}
 5160 &:= 5! + (1 + 6)! + 0 \\
 5161 &:= 5! + (1 + 6)! + 1 \\
 5162 &:= 5! + (1 + 6)! + 2 \\
 5163 &:= 5! + (1 + 6)! + 3 \\
 5164 &:= 5! + (1 + 6)! + 4 \\
 5165 &:= 5! + (1 + 6)! + 5 \\
 5166 &:= 5! + (1 + 6)! + 6 \\
 5167 &:= 5! + (1 + 6)! + 7 \\
 5168 &:= 5! + (1 + 6)! + 8 \\
 5169 &:= 5! + (1 + 6)! + 9
 \end{aligned}$$

$$\begin{aligned}
 35268 &:= -3! - (5 + 2)! - 6 + 8! \\
 35274 &:= (3 + 5)! - 2 - 7! - 4 \\
 35276 &:= (3 + 5)! + 2 - 7! - 6
 \end{aligned}$$

$$\begin{aligned}
 35280 &:= (3 + 5)! - (-2 + 8 + 0!)! \\
 35283 &:= 3! - (5 + 2)! + 8! - 3 \\
 35304 &:= (3 + 5)! - (3! + 0!)! + 4!
 \end{aligned}$$

$$\begin{aligned}
 39480 &:= -3!! - (9 - 4)! + 8! + 0 \\
 39481 &:= -3!! - (9 - 4)! + 8! + 1 \\
 39482 &:= -3!! - (9 - 4)! + 8! + 2 \\
 39483 &:= -3!! - (9 - 4)! + 8! + 3 \\
 39484 &:= -3!! - (9 - 4)! + 8! + 4 \\
 39485 &:= -3!! - (9 - 4)! + 8! + 5 \\
 39486 &:= -3!! - (9 - 4)! + 8! + 6 \\
 39487 &:= -3!! - (9 - 4)! + 8! + 7 \\
 39488 &:= -3!! - (9 - 4)! + 8! + 8 \\
 39489 &:= -3!! - (9 - 4)! + 8! + 9 \\
 35880 &:= 3!! - 5! + 8! - (8 - 0)!
 \end{aligned}$$

$$\begin{aligned}
 39600 &:= -3!! + ((9 - 6)! + 0! + 0!)! \\
 39624 &:= -(-3 + 9)! + (6 + 2)! + 4! \\
 40175 &:= -4! - 0! + (1 + 7)! - 5! \\
 40195 &:= -(4 + 0!)! + (-1 + 9)! - 5 \\
 40260 &:= ((4 - 0!)! + 2)! - 60 \\
 40285 &:= -4! - (0! + 2)! + 8! - 5 \\
 40290 &:= -4! - (0! + 2)! + (9 - 0)! \\
 40296 &:= -4! + (02 + (9 - 6)!)! \\
 40309 &:= -4 - 0! - 3! + (-0! + 9)! \\
 40310 &:= (4 + 0! + 3)! - 10 \\
 40313 &:= (4 + 0! + 3)! - 1! - 3! \\
 40314 &:= -(4 - 0!)! + (3 + 1 + 4)! \\
 40315 &:= (4 + 03 + 1)! - 5 \\
 40316 &:= -4 + (03 - 1 + 6)! \\
 40317 &:= 4 - 0! - 3! + (1 + 7)! \\
 40319 &:= -4 + 03 + (-1 + 9)! \\
 40332 &:= (4 - 0!)! + 3! + (3! + 2)! \\
 40337 &:= 4! + (-0! + 3! + 3)! - 7
 \end{aligned}$$

$$\begin{aligned}
 40342 &:= (4 + 0! + 3)! + 4! - 2! \\
 40343 &:= 4! - 0! + (3! - 4 + 3)! \\
 40344 &:= 4! + (0! + 3! + (4 - 4)!)! \\
 40348 &:= -(4 - 0!)! + 34 + 8! \\
 40355 &:= 40 + (3 + 5)! - 5
 \end{aligned}$$

$$\begin{aligned}
 40320 &:= (40 - 32)! + 0 \\
 40321 &:= (40 - 32)! + 1 \\
 40322 &:= (40 - 32)! + 2 \\
 40323 &:= (40 - 32)! + 3 \\
 40324 &:= (40 - 32)! + 4 \\
 40325 &:= (40 - 32)! + 5 \\
 40326 &:= (40 - 32)! + 6 \\
 40327 &:= (40 - 32)! + 7 \\
 40328 &:= (40 - 32)! + 8 \\
 40329 &:= (40 - 32)! + 9
 \end{aligned}$$

$$\begin{aligned}
 40360 &:= 40 + (3 + 6 - 0!)! \\
 40368 &:= 4! + (0! - 3 + 6)! + 8! \\
 40438 &:= (4 + 0!)! + 4 - 3! + 8! \\
 40458 &:= -(4 - 0!)! + 4! + 5! + 8! \\
 40488 &:= (4 + 0!)! + 48 + 8! \\
 40584 &:= (4 + 0!)! + 5! + 8! + 4!
 \end{aligned}$$

$$\begin{aligned}
 40440 &:= (4 + 0!)! + (4 + 4)! + 0 \\
 40441 &:= (4 + 0!)! + (4 + 4)! + 1 \\
 40442 &:= (4 + 0!)! + (4 + 4)! + 2 \\
 40443 &:= (4 + 0!)! + (4 + 4)! + 3 \\
 40444 &:= (4 + 0!)! + (4 + 4)! + 4 \\
 40445 &:= (4 + 0!)! + (4 + 4)! + 5 \\
 40446 &:= (4 + 0!)! + (4 + 4)! + 6 \\
 40447 &:= (4 + 0!)! + (4 + 4)! + 7 \\
 40448 &:= (4 + 0!)! + (4 + 4)! + 8 \\
 40449 &:= (4 + 0!)! + (4 + 4)! + 9
 \end{aligned}$$

$$\begin{aligned}
 41036 &:= -4 + (1 + 0! + 3!)! + 6! \\
 41038 &:= (4 - 1)!! + 0! - 3 + 8!
 \end{aligned}$$

$$\begin{aligned}
 41736 &:= -4! + (1 + 7)! + 3!! + 6! \\
 44637 &:= (4 + 4)! - 6! - 3 + 7! \\
 45377 &:= 4! + (5 + 3)! + 7! - 7 \\
 45384 &:= (-4 + 5 + 3!)! + 8! + 4! \\
 80519 &:= 8! - 0! - 5! + (-1 + 9)! \\
 80635 &:= 8! + 0! - 6 + (3 + 5)! \\
 80639 &:= 8! - 0! + (-(-6 + 3!)! + 9)! \\
 80640 &:= 8! + (-0! + 6 + 4 - 0!)! \\
 80641 &:= (14 - 6)! + 0! + 8! \\
 80755 &:= 8! + (0! + 7)! + 5! - 5 \\
 80760 &:= 8! + (0! + 7)! + (6 - 0!)!
 \end{aligned}$$

$$\begin{aligned}
 277198 &:= -2 - 7! - (7 + 1)! + 9! - 8! \\
 287278 &:= -2 - 8! + 7! + (2 + 7)! - 8! \\
 321835 &:= (3 + (2 + 1)!)! - 8! - 3!! - 5 \\
 321839 &:= -(3 - 2 - 1)! - 8! - 3!! + 9! \\
 321840 &:= (3 + (2 + 1)!)! - 8! - (4 - 0!)!! \\
 321864 &:= (3 + (2 + 1)!)! - 8! - 6! + 4! \\
 322528 &:= -32 + (2 + 5 + 2)! - 8! \\
 322539 &:= 3 - (2 + 2)! - (5 + 3)! + 9! \\
 322549 &:= -(3! + 2)! - 2 + (5 + 4)! - 9 \\
 322554 &:= -(3! + 2)! - (-2 + 5)! + (5 + 4)! \\
 322554 &:= -(3! + 2)! - (-2 + 5)! + (5 + 4)! \\
 322558 &:= 3 + (2 + 2 + 5)! - 5 - 8! \\
 322559 &:= -3 + 2 - (-2 + 5 + 5)! + 9! \\
 322584 &:= (3 + (2 - 2)! + 5)! - 8! + 4! \\
 322598 &:= 32 + (-2 + 5)! + 9! - 8! \\
 322619 &:= -(3! + 2)! - 2 + 6! + 9! \\
 322680 &:= (3 + 2)! - (2 + 6)! + (8 + 0!)! \\
 323159 &:= 3!! - (2 + 3!)! - 1! - 5! + 9!
 \end{aligned}$$

$$\begin{aligned}
 322560 &:= -(3! + 2)! + (-2 + 5 + 6)! + 0 \\
 322561 &:= -(3! + 2)! + (-2 + 5 + 6)! + 1 \\
 322562 &:= -(3! + 2)! + (-2 + 5 + 6)! + 2 \\
 322563 &:= -(3! + 2)! + (-2 + 5 + 6)! + 3 \\
 322564 &:= -(3! + 2)! + (-2 + 5 + 6)! + 4 \\
 322565 &:= -(3! + 2)! + (-2 + 5 + 6)! + 5 \\
 322566 &:= -(3! + 2)! + (-2 + 5 + 6)! + 6 \\
 322567 &:= -(3! + 2)! + (-2 + 5 + 6)! + 7 \\
 322568 &:= -(3! + 2)! + (-2 + 5 + 6)! + 8 \\
 322569 &:= -(3! + 2)! + (-2 + 5 + 6)! + 9
 \end{aligned}$$

$$\begin{aligned}
323275 &:= 3!! - (2 + 3!)! + (2 + 7)! - 5 \\
323280 &:= 3!! - (2 + 3!)! + (2 + 8 - 0)! \\
323998 &:= 3!! - 2 + (-3 + 9)! + 9! - 8! \\
352079 &:= -3!! - (5 + 2)! - 0! - 7! + 9! \\
352789 &:= -3 - (5 + 2)! - 7! - 8 + 9! \\
352792 &:= -3! - (5 + 2)! - 7! + 9! - 2 \\
352792 &:= -3! - (5 + 2)! - 7! + 9! - 2! \\
352798 &:= 3! - (5 + 2)! - 7! + 9! - 8 \\
357139 &:= -3!! - 5 - 7! + (1 + 3)! + 9! \\
357237 &:= -3 + 5! + (7 + 2)! - 3!! - 7! \\
357719 &:= -(3 - 5 + 7)! - 7! - 1 + 9! \\
357723 &:= 3! - 5! - 7! + (7 + 2)! - 3 \\
357733 &:= 3! - 5! + 7 - 7! + (3 + 3)! \\
357770 &:= (-3 + 5 + 7)! - 7! - 70 \\
357780 &:= -3 - 57 - 7! + (8 + 0)! \\
357814 &:= 3 - 5 - 7! + (8 + 1)! - 4! \\
357832 &:= -3 - 5 - 7! + (8 + 3 - 2)! \\
357833 &:= 3! - 5 - 7! - 8 + (3 + 3)! \\
357837 &:= -3 + (5 - 7 + 8 + 3)! - 7! \\
357903 &:= 3! + 57 + 9! - (0! + 3)! \\
357930 &:= -3! + 5! - 7! + 9! - (3 + 0)! \\
357955 &:= -3! + 5! - 7! + 9! + (5 - 5)! \\
358547 &:= 3!! - 5 - 8 + (5 + 4)! - 7! \\
360719 &:= -3!! - 6! - 0! - (7 - 1)! + 9! \\
\\
361440 &:= -3!! - 6! + (1 + 4 + 4)! + 0 \\
361441 &:= -3!! - 6! + (1 + 4 + 4)! + 1 \\
361442 &:= -3!! - 6! + (1 + 4 + 4)! + 2 \\
361443 &:= -3!! - 6! + (1 + 4 + 4)! + 3 \\
361444 &:= -3!! - 6! + (1 + 4 + 4)! + 4 \\
361445 &:= -3!! - 6! + (1 + 4 + 4)! + 5 \\
361446 &:= -3!! - 6! + (1 + 4 + 4)! + 6 \\
361447 &:= -3!! - 6! + (1 + 4 + 4)! + 7 \\
361448 &:= -3!! - 6! + (1 + 4 + 4)! + 8 \\
361449 &:= -3!! - 6! + (1 + 4 + 4)! + 9 \\
\\
361319 &:= -3!! - 6! - (-1 + 3!)! - 1 + 9! \\
361435 &:= -3!! - 6! + (-1 + 4 + 3!)! + 5
\end{aligned}$$

$$\begin{aligned}
361454 &:= -3!! - 6! + 14 + (5 + 4)! \\
361463 &:= (3 + 6)! - 1 + 4! - 6! - 3!! \\
361464 &:= -3!! + (6 - 1 + 4)! - 6! + 4! \\
361545 &:= -3!! - 6!5 + (4 + 5)! \\
361970 &:= -3!! - (6 - 1)! + 9! - 70 \\
362039 &:= -(-3 + 6 + 2)! - 0! - 3!! + 9! \\
362040 &:= -3!! + (6 + 2 + 0)! - (4 + 0)! \\
362080 &:= -3!! + (6 + 2 + 0)! - 80 \\
362130 &:= (3 + 6)! - (2 + 1)!! - 30 \\
362133 &:= -3! - 6! - 21 + (3 + 3)! \\
362136 &:= -3 - 6! - 21 + (3 + 6)! \\
362143 &:= (3 + 6)! - 21 + 4 - 3!! \\
362145 &:= 3! - 6! - 21 + (4 + 5)! \\
362148 &:= (3 + 6)! - (2 + 1)!! - 4 - 8 \\
362154 &:= -3 - 6! - 2 - 1 + (5 + 4)! \\
362155 &:= (3 + 6)! - (2 - 1 + 5)! - 5 \\
362156 &:= (3 + 6)! + 2 - 1 - 5 - 6! \\
362157 &:= -3 - 6! + (21 - 5 - 7)! \\
362172 &:= 3! - 6! + (2 + 1)! + (7 + 2)! \\
362173 &:= (3 + 6)! - (2 + 1)!! + 7 + 3! \\
362179 &:= 3! - 6! + (2 + 1)! + 7 + 9! \\
362181 &:= -(-3 + 6)!! + 21 + (8 + 1)! \\
\\
362160 &:= (3 + (6 - 2 - 1)!)! - 6! + 0 \\
362161 &:= (3 + (6 - 2 - 1)!)! - 6! + 1 \\
362162 &:= (3 + (6 - 2 - 1)!)! - 6! + 2 \\
362163 &:= (3 + (6 - 2 - 1)!)! - 6! + 3 \\
362164 &:= (3 + (6 - 2 - 1)!)! - 6! + 4 \\
362165 &:= (3 + (6 - 2 - 1)!)! - 6! + 5 \\
362166 &:= (3 + (6 - 2 - 1)!)! - 6! + 6 \\
362167 &:= (3 + (6 - 2 - 1)!)! - 6! + 7 \\
362168 &:= (3 + (6 - 2 - 1)!)! - 6! + 8 \\
362169 &:= (3 + (6 - 2 - 1)!)! - 6! + 9 \\
\\
362182 &:= -3!! + (6 - 2)! + (1 + 8)! - 2 \\
362184 &:= (3 + 6)! - (2 + 1)!! + (8 - 4)! \\
362189 &:= -(-3 + 6)!! + 21 + 8 + 9! \\
362219 &:= -3 + 62 - (2 + 1)!! + 9! \\
362256 &:= (3 + 6)! - (2 + 2)! + 5! - 6! \\
362275 &:= -3 - 6! - 2 + (2 + 7)! + 5!
\end{aligned}$$

$$\begin{aligned}
362279 &:= -3 - 6! + 2 + (-2 + 7)! + 9! & 362838 &:= (3 + 6)! - 28 - 3! - 8 \\
362280 &:= -3!! + (6 - (2 - 2)!)! + (8 + 0)! & 362839 &:= -3 - (6 - 2)! - 8 - 3! + 9! \\
362399 &:= -(-3 + 6)!! + 239 + 9! & 362840 &:= (-3 + 6 - 2 + 8)! - 40 \\
362439 &:= (3 + 6)! - 2 - 439 & 362843 &:= (3 + 6)! - 2 + 8 + 43 \\
362441 &:= (3 + 6)! + 2 - 441 & 362844 &:= (3 + 6)! - 28 - 4 - 4 \\
362613 &:= (3 + 6)! - 261 - 3! & 362845 &:= (3 + 6)! + 2 + 8 - 45 \\
362730 &:= (3 + 6)! + (-2 + 7)! - 30 & 362847 &:= (3 + 6)! - 2 - (8 - 4)! - 7 \\
362745 &:= (3 + 6)! + 2 + 7 - 4! - 5! & 362848 &:= (3 + 6)! - 28 + 4 - 8 \\
362748 &:= (3 + 6)! - (-2 + 7)! - 4 - 8 & 362850 &:= (3 + 6)! + 2 - 8 - (5 - 0)! \\
362749 &:= -(-3 + 6 + 2)! - 7 - 4 + 9! & 362853 &:= (3 + 6)! - 28 - 5 + 3! \\
362750 &:= (3 + 6)! - 2 - 7 - 5! - 0! & 362854 &:= (3 + 6)! + 28 - 54 \\
362752 &:= -(-3 + 6)! + (2 + 7)! - 5! - 2 & 362856 &:= (3 + 6)! - (-2 + (-8 + 5 + 6)!)! \\
362753 &:= -(3! - 6)! + (2 + 7)! - 5! - 3! & 362858 &:= (3 + 6)! - 28 + (-5 + 8)! \\
362754 &:= -(-3 + 6)! - (-2 + 7)! + (5 + 4)! & 362862 &:= (3 + 6)! - 2 - 8 - 6 - 2 \\
362755 &:= (36 - 27)! - 5! - 5 & 362864 &:= (3 + 6)! + 2 - 8 - 6 - 4 \\
362758 &:= (-3 + 6)! + (2 + 7)! - 5! - 8 & 362866 &:= -3! - 6 - 2 + (8 + (6 - 6)!)! \\
362759 &:= -(3 + 6 - 2 - 7)! - 5! + 9! & 362867 &:= (-3 + 6 - 2 + 8)! - 6 - 7 \\
362760 &:= (3 + 6)! - ((2 + 7 - 6)! - 0)! & 362868 &:= (3 + 6)! - 2 - 8 + 6 - 8 \\
362761 &:= (3! - 6)! + (2 + 7)! - (6 - 1)! & 362869 &:= -3! - 6 + (2 - 8 + 6)! + 9! \\
362763 &:= (3 + 6)! - (-2 + 7)! + 6 - 3 & 362872 &:= (3 + 6)! - 2 - (8 - 7 + 2)! \\
362765 &:= -(3! - 6)! + (2 + 7)! + 6 - 5! & 362873 &:= (3 + 6)! + 2 - 8 - 7 + 3! \\
362769 &:= -3 + 6 - (-2 + 7)! + 6 + 9! & 362874 &:= -3! + (6 - 2 + 8 - 7 + 4)! \\
362772 &:= -36 + (2 + 7)! - 72 & 362875 &:= (3 + (6 - 2 - 8 + 7)!)! - 5 \\
362773 &:= (3 + 6)! - (-2 + 7)! + 7 + 3! & 362876 &:= -(-3 + 6)! + 2 + (8 + 7 - 6)! \\
362779 &:= 3! + 6 - (-2 + 7)! + 7 + 9! & 362877 &:= 3 - 6 + (2 + 8 - (7 - 7)!)! \\
362784 &:= -3! - 6 + (2 + 7)! - 84 & 362878 &:= 3! - 6 - 2 + (8 - 7 + 8)! \\
362787 &:= -(-3 + 6)! + (2 + 7)! - 87 & & \\
362790 &:= (36 - 27)! - 90 & & \\
362793 &:= (3 + 6)! - 2 - 79 - 3! & 362880 &:= (-3 - 6 + 2 + 8 + 8)! + 0 \\
362796 &:= 3! + 6 + (2 + 7)! - 96 & 362881 &:= (-3 - 6 + 2 + 8 + 8)! + 1 \\
362801 &:= (3 + 6)! + 2 - 80 - 1 & 362882 &:= (-3 - 6 + 2 + 8 + 8)! + 2 \\
362806 &:= -3! - 62 + (8 + 0)! - 6 & 362883 &:= (-3 - 6 + 2 + 8 + 8)! + 3 \\
362811 &:= -3! - 62 + (8 + 1)! - 1 & 362884 &:= (-3 - 6 + 2 + 8 + 8)! + 4 \\
362812 &:= -3! - 62 + (8 - 1 + 2)! & 362885 &:= (-3 - 6 + 2 + 8 + 8)! + 5 \\
362817 &:= 3! - 62 + (8 + 1)! - 7 & 362886 &:= (-3 - 6 + 2 + 8 + 8)! + 6 \\
362821 &:= 3 - 62 + (8 + 2 - 1)! & 362887 &:= (-3 - 6 + 2 + 8 + 8)! + 7 \\
362824 &:= (3 + 6)! + 2 - 82 + 4! & 362888 &:= (-3 - 6 + 2 + 8 + 8)! + 8 \\
362826 &:= (3 + 6)! - 28 - 26 & 362889 &:= (-3 - 6 + 2 + 8 + 8)! + 9 \\
362834 &:= (3 + 6)! - 28 + 3! - 4! & & \\
362835 &:= (3 + 6)! - 2 - 8 - 35 & & \\
362837 &:= (3 + 6)! + 2 - 8 - 37 & 362900 &:= -3 + (6 - 2)! + 9! - 0! + 0 \\
& & 362901 &:= -3 + (6 - 2)! + 9! - 0! + 1
\end{aligned}$$

$$\begin{aligned}
362902 &:= -3 + (6 - 2)! + 9! - 0! + 2 \\
362903 &:= -3 + (6 - 2)! + 9! - 0! + 3 \\
362904 &:= -3 + (6 - 2)! + 9! - 0! + 4 \\
362905 &:= -3 + (6 - 2)! + 9! - 0! + 5 \\
362906 &:= -3 + (6 - 2)! + 9! - 0! + 6 \\
362907 &:= -3 + (6 - 2)! + 9! - 0! + 7 \\
362908 &:= -3 + (6 - 2)! + 9! - 0! + 8 \\
362909 &:= -3 + (6 - 2)! + 9! - 0! + 9
\end{aligned}$$

$$\begin{aligned}
362910 &:= (3 + 6)! + 29 + 1 + 0 \\
362911 &:= (3 + 6)! + 29 + 1 + 1 \\
362912 &:= (3 + 6)! + 29 + 1 + 2 \\
362913 &:= (3 + 6)! + 29 + 1 + 3 \\
362914 &:= (3 + 6)! + 29 + 1 + 4 \\
362915 &:= (3 + 6)! + 29 + 1 + 5 \\
362916 &:= (3 + 6)! + 29 + 1 + 6 \\
362917 &:= (3 + 6)! + 29 + 1 + 7 \\
362918 &:= (3 + 6)! + 29 + 1 + 8 \\
362919 &:= (3 + 6)! + 29 + 1 + 9
\end{aligned}$$

$$\begin{aligned}
362965 &:= (3 + 6)! - 29 - 6 + 5! \\
362967 &:= (3 + 6)! - 2 + 96 - 7 \\
362969 &:= (3 + 6)! + 2 + 96 - 9 \\
362973 &:= (3 + 6)! + 2 + 97 - 3! \\
362975 &:= 3! - (6 - 2)! + 9! - 7 + 5! \\
362990 &:= (-3 + 6 + 2)! - 9 + 9! - 0!
\end{aligned}$$

$$\begin{aligned}
362980 &:= (3 + 6)! + 2 + 98 + 0 \\
362981 &:= (3 + 6)! + 2 + 98 + 1 \\
362982 &:= (3 + 6)! + 2 + 98 + 2 \\
362983 &:= (3 + 6)! + 2 + 98 + 3 \\
362984 &:= (3 + 6)! + 2 + 98 + 4 \\
362985 &:= (3 + 6)! + 2 + 98 + 5 \\
362986 &:= (3 + 6)! + 2 + 98 + 6 \\
362987 &:= (3 + 6)! + 2 + 98 + 7 \\
362988 &:= (3 + 6)! + 2 + 98 + 8 \\
362989 &:= (3 + 6)! + 2 + 98 + 9
\end{aligned}$$

$$362992 := -3! + (-6 + 2 + 9)! + 9! - 2$$

$$\begin{aligned}
362994 &:= -((3! - 6)! + 2)! + 9! + (9 - 4)! \\
362998 &:= 3! + (-6 + 2 + 9)! + 9! - 8 \\
362999 &:= (-3 + 6 + 2)! - (9 - 9)! + 9! \\
363189 &:= (3 + 6)! + 318 - 9 \\
363193 &:= (3 + 6)! + 319 - 3!
\end{aligned}$$

$$\begin{aligned}
363000 &:= (3 + 6)! + (3! - 0)! + 00 \\
363001 &:= (3 + 6)! + (3! - 0)! + 01 \\
363002 &:= (3 + 6)! + (3! - 0)! + 02 \\
363003 &:= (3 + 6)! + (3! - 0)! + 03 \\
363004 &:= (3 + 6)! + (3! - 0)! + 04 \\
363005 &:= (3 + 6)! + (3! - 0)! + 05 \\
363006 &:= (3 + 6)! + (3! - 0)! + 06 \\
363007 &:= (3 + 6)! + (3! - 0)! + 07 \\
363008 &:= (3 + 6)! + (3! - 0)! + 08 \\
363009 &:= (3 + 6)! + (3! - 0)! + 09 \\
363010 &:= (3 + 6)! + (3! - 0)! + 10 \\
363011 &:= (3 + 6)! + (3! - 0)! + 11 \\
363012 &:= (3 + 6)! + (3! - 0)! + 12 \\
363013 &:= (3 + 6)! + (3! - 0)! + 13 \\
363014 &:= (3 + 6)! + (3! - 0)! + 14 \\
363015 &:= (3 + 6)! + (3! - 0)! + 15 \\
363016 &:= (3 + 6)! + (3! - 0)! + 16 \\
363017 &:= (3 + 6)! + (3! - 0)! + 17 \\
363018 &:= (3 + 6)! + (3! - 0)! + 18 \\
363019 &:= (3 + 6)! + (3! - 0)! + 19 \\
363020 &:= (3 + 6)! + (3! - 0)! + 20 \\
363021 &:= (3 + 6)! + (3! - 0)! + 21 \\
363022 &:= (3 + 6)! + (3! - 0)! + 22 \\
363023 &:= (3 + 6)! + (3! - 0)! + 23 \\
363024 &:= (3 + 6)! + (3! - 0)! + 24 \\
363025 &:= (3 + 6)! + (3! - 0)! + 25 \\
363026 &:= (3 + 6)! + (3! - 0)! + 26 \\
363027 &:= (3 + 6)! + (3! - 0)! + 27 \\
363028 &:= (3 + 6)! + (3! - 0)! + 28 \\
363029 &:= (3 + 6)! + (3! - 0)! + 29 \\
363030 &:= (3 + 6)! + (3! - 0)! + 30 \\
363031 &:= (3 + 6)! + (3! - 0)! + 31 \\
363032 &:= (3 + 6)! + (3! - 0)! + 32 \\
363033 &:= (3 + 6)! + (3! - 0)! + 33 \\
363034 &:= (3 + 6)! + (3! - 0)! + 34
\end{aligned}$$

$$\begin{aligned}
363035 &:= (3 + 6)! + (3! - 0!)! + 35 \\
363036 &:= (3 + 6)! + (3! - 0!)! + 36 \\
363037 &:= (3 + 6)! + (3! - 0!)! + 37 \\
363038 &:= (3 + 6)! + (3! - 0!)! + 38 \\
363039 &:= (3 + 6)! + (3! - 0!)! + 39 \\
363040 &:= (3 + 6)! + (3! - 0!)! + 40 \\
363041 &:= (3 + 6)! + (3! - 0!)! + 41 \\
363042 &:= (3 + 6)! + (3! - 0!)! + 42 \\
363043 &:= (3 + 6)! + (3! - 0!)! + 43 \\
363044 &:= (3 + 6)! + (3! - 0!)! + 44 \\
363045 &:= (3 + 6)! + (3! - 0!)! + 45 \\
363046 &:= (3 + 6)! + (3! - 0!)! + 46 \\
363047 &:= (3 + 6)! + (3! - 0!)! + 47 \\
363048 &:= (3 + 6)! + (3! - 0!)! + 48 \\
363049 &:= (3 + 6)! + (3! - 0!)! + 49 \\
363050 &:= (3 + 6)! + (3! - 0!)! + 50 \\
363051 &:= (3 + 6)! + (3! - 0!)! + 51 \\
363052 &:= (3 + 6)! + (3! - 0!)! + 52 \\
363053 &:= (3 + 6)! + (3! - 0!)! + 53 \\
363054 &:= (3 + 6)! + (3! - 0!)! + 54 \\
363055 &:= (3 + 6)! + (3! - 0!)! + 55 \\
363056 &:= (3 + 6)! + (3! - 0!)! + 56 \\
363057 &:= (3 + 6)! + (3! - 0!)! + 57 \\
363058 &:= (3 + 6)! + (3! - 0!)! + 58 \\
363059 &:= (3 + 6)! + (3! - 0!)! + 59 \\
363060 &:= (3 + 6)! + (3! - 0!)! + 60 \\
363061 &:= (3 + 6)! + (3! - 0!)! + 61 \\
363062 &:= (3 + 6)! + (3! - 0!)! + 62 \\
363063 &:= (3 + 6)! + (3! - 0!)! + 63 \\
363064 &:= (3 + 6)! + (3! - 0!)! + 64 \\
363065 &:= (3 + 6)! + (3! - 0!)! + 65 \\
363066 &:= (3 + 6)! + (3! - 0!)! + 66 \\
363067 &:= (3 + 6)! + (3! - 0!)! + 67 \\
363068 &:= (3 + 6)! + (3! - 0!)! + 68 \\
363069 &:= (3 + 6)! + (3! - 0!)! + 69 \\
363070 &:= (3 + 6)! + (3! - 0!)! + 70 \\
363071 &:= (3 + 6)! + (3! - 0!)! + 71 \\
363072 &:= (3 + 6)! + (3! - 0!)! + 72 \\
363073 &:= (3 + 6)! + (3! - 0!)! + 73 \\
363074 &:= (3 + 6)! + (3! - 0!)! + 74 \\
363075 &:= (3 + 6)! + (3! - 0!)! + 75
\end{aligned}$$

$$\begin{aligned}
363076 &:= (3 + 6)! + (3! - 0!)! + 76 \\
363077 &:= (3 + 6)! + (3! - 0!)! + 77 \\
363078 &:= (3 + 6)! + (3! - 0!)! + 78 \\
363079 &:= (3 + 6)! + (3! - 0!)! + 79 \\
363080 &:= (3 + 6)! + (3! - 0!)! + 80 \\
363081 &:= (3 + 6)! + (3! - 0!)! + 81 \\
363082 &:= (3 + 6)! + (3! - 0!)! + 82 \\
363083 &:= (3 + 6)! + (3! - 0!)! + 83 \\
363084 &:= (3 + 6)! + (3! - 0!)! + 84 \\
363085 &:= (3 + 6)! + (3! - 0!)! + 85 \\
363086 &:= (3 + 6)! + (3! - 0!)! + 86 \\
363087 &:= (3 + 6)! + (3! - 0!)! + 87 \\
363088 &:= (3 + 6)! + (3! - 0!)! + 88 \\
363089 &:= (3 + 6)! + (3! - 0!)! + 89 \\
363090 &:= (3 + 6)! + (3! - 0!)! + 90 \\
363091 &:= (3 + 6)! + (3! - 0!)! + 91 \\
363092 &:= (3 + 6)! + (3! - 0!)! + 92 \\
363093 &:= (3 + 6)! + (3! - 0!)! + 93 \\
363094 &:= (3 + 6)! + (3! - 0!)! + 94 \\
363095 &:= (3 + 6)! + (3! - 0!)! + 95 \\
363096 &:= (3 + 6)! + (3! - 0!)! + 96 \\
363097 &:= (3 + 6)! + (3! - 0!)! + 97 \\
363098 &:= (3 + 6)! + (3! - 0!)! + 98 \\
363099 &:= (3 + 6)! + (3! - 0!)! + 99 \\
363200 &:= (3 + 6)! + 320 + 0 \\
363201 &:= (3 + 6)! + 320 + 1 \\
363202 &:= (3 + 6)! + 320 + 2 \\
363203 &:= (3 + 6)! + 320 + 3 \\
363204 &:= (3 + 6)! + 320 + 4 \\
363205 &:= (3 + 6)! + 320 + 5 \\
363206 &:= (3 + 6)! + 320 + 6 \\
363207 &:= (3 + 6)! + 320 + 7 \\
363208 &:= (3 + 6)! + 320 + 8 \\
363209 &:= (3 + 6)! + 320 + 9 \\
363243 &:= 363 + (2 + 4 + 3)! \\
363245 &:= 363 + 2 + (4 + 5)! \\
363273 &:= (3 + 6)! - 327 + 3!! \\
363300 &:= 3!! + (6 + 3)! - 300
\end{aligned}$$

$$\begin{aligned}
363453 &:= 3!! + (6 + 3)! - 4! - 5! - 3 \\
363456 &:= (3 + (6 - 3)!)! - 4! - 5! + 6! \\
363480 &:= 3!! + (6 + 3)! - (-4 + 8 + 0)! \\
363488 &:= 3!! + (6 + 3)! - 4! - 88 \\
363498 &:= 3!! + (6 + 3)! - 4 - 98 \\
363504 &:= 3!! + (6 + 3)! - 5! + 04! \\
363518 &:= 3 + 635 + (1 + 8)! \\
363524 &:= 3!! + (6 + 3)! - 52 - 4! \\
363537 &:= 3!! - 63 + (5 - 3 + 7)! \\
363543 &:= 3!! + (6 + 3)! - 54 - 3 \\
363546 &:= (3 + (6 - 3)!)! - 54 + 6! \\
363574 &:= 3!! + (6 + 3)! + 5 - 7 - 4! \\
363576 &:= 3!! + (6 + 3)! - (5 - 7 + 6)! \\
363587 &:= -3! + 6! + (3! - 5 + 8)! - 7 \\
363589 &:= -3 + ((-6 + 3!)! + 5)! - 8 + 9! \\
363592 &:= 3!! - (-6 + 3!)! - 5 + 9! - 2 \\
363595 &:= ((3 - 6 + 3)! + 5)! + 9! - 5 \\
363596 &:= (3 - 6 + 3)! - 5 + 9! + 6! \\
363598 &:= 3!! + (-6 + 3!)! + 5 + 9! - 8 \\
363713 &:= 3!! + (6 + 3)! - 7 + (-1 + 3)!
\end{aligned}$$

$$\begin{aligned}
363600 &:= 3!! + (6 - 3 + 6)! + 00 \\
363601 &:= 3!! + (6 - 3 + 6)! + 01 \\
363602 &:= 3!! + (6 - 3 + 6)! + 02 \\
363603 &:= 3!! + (6 - 3 + 6)! + 03 \\
363604 &:= 3!! + (6 - 3 + 6)! + 04 \\
363605 &:= 3!! + (6 - 3 + 6)! + 05 \\
363606 &:= 3!! + (6 - 3 + 6)! + 06 \\
363607 &:= 3!! + (6 - 3 + 6)! + 07 \\
363608 &:= 3!! + (6 - 3 + 6)! + 08 \\
363609 &:= 3!! + (6 - 3 + 6)! + 09 \\
363610 &:= 3!! + (6 - 3 + 6)! + 10 \\
363611 &:= 3!! + (6 - 3 + 6)! + 11 \\
363612 &:= 3!! + (6 - 3 + 6)! + 12 \\
363613 &:= 3!! + (6 - 3 + 6)! + 13 \\
363614 &:= 3!! + (6 - 3 + 6)! + 14 \\
363615 &:= 3!! + (6 - 3 + 6)! + 15 \\
363616 &:= 3!! + (6 - 3 + 6)! + 16 \\
363617 &:= 3!! + (6 - 3 + 6)! + 17 \\
363618 &:= 3!! + (6 - 3 + 6)! + 18 \\
363619 &:= 3!! + (6 - 3 + 6)! + 19
\end{aligned}$$

$$\begin{aligned}
363620 &:= 3!! + (6 - 3 + 6)! + 20 \\
363621 &:= 3!! + (6 - 3 + 6)! + 21 \\
363622 &:= 3!! + (6 - 3 + 6)! + 22 \\
363623 &:= 3!! + (6 - 3 + 6)! + 23 \\
363624 &:= 3!! + (6 - 3 + 6)! + 24 \\
363625 &:= 3!! + (6 - 3 + 6)! + 25 \\
363626 &:= 3!! + (6 - 3 + 6)! + 26 \\
363627 &:= 3!! + (6 - 3 + 6)! + 27 \\
363628 &:= 3!! + (6 - 3 + 6)! + 28 \\
363629 &:= 3!! + (6 - 3 + 6)! + 29 \\
363630 &:= 3!! + (6 - 3 + 6)! + 30 \\
363631 &:= 3!! + (6 - 3 + 6)! + 31 \\
363632 &:= 3!! + (6 - 3 + 6)! + 32 \\
363633 &:= 3!! + (6 - 3 + 6)! + 33 \\
363634 &:= 3!! + (6 - 3 + 6)! + 34 \\
363635 &:= 3!! + (6 - 3 + 6)! + 35 \\
363636 &:= 3!! + (6 - 3 + 6)! + 36 \\
363637 &:= 3!! + (6 - 3 + 6)! + 37 \\
363638 &:= 3!! + (6 - 3 + 6)! + 38 \\
363639 &:= 3!! + (6 - 3 + 6)! + 39 \\
363640 &:= 3!! + (6 - 3 + 6)! + 40 \\
363641 &:= 3!! + (6 - 3 + 6)! + 41 \\
363642 &:= 3!! + (6 - 3 + 6)! + 42 \\
363643 &:= 3!! + (6 - 3 + 6)! + 43 \\
363644 &:= 3!! + (6 - 3 + 6)! + 44 \\
363645 &:= 3!! + (6 - 3 + 6)! + 45 \\
363646 &:= 3!! + (6 - 3 + 6)! + 46 \\
363647 &:= 3!! + (6 - 3 + 6)! + 47 \\
363648 &:= 3!! + (6 - 3 + 6)! + 48 \\
363649 &:= 3!! + (6 - 3 + 6)! + 49 \\
363650 &:= 3!! + (6 - 3 + 6)! + 50 \\
363651 &:= 3!! + (6 - 3 + 6)! + 51 \\
363652 &:= 3!! + (6 - 3 + 6)! + 52 \\
363653 &:= 3!! + (6 - 3 + 6)! + 53 \\
363654 &:= 3!! + (6 - 3 + 6)! + 54 \\
363655 &:= 3!! + (6 - 3 + 6)! + 55 \\
363656 &:= 3!! + (6 - 3 + 6)! + 56 \\
363657 &:= 3!! + (6 - 3 + 6)! + 57 \\
363658 &:= 3!! + (6 - 3 + 6)! + 58 \\
363659 &:= 3!! + (6 - 3 + 6)! + 59 \\
363660 &:= 3!! + (6 - 3 + 6)! + 60
\end{aligned}$$

$$\begin{aligned}
363661 &:= 3!! + (6 - 3 + 6)! + 61 \\
363662 &:= 3!! + (6 - 3 + 6)! + 62 \\
363663 &:= 3!! + (6 - 3 + 6)! + 63 \\
363664 &:= 3!! + (6 - 3 + 6)! + 64 \\
363665 &:= 3!! + (6 - 3 + 6)! + 65 \\
363666 &:= 3!! + (6 - 3 + 6)! + 66 \\
363667 &:= 3!! + (6 - 3 + 6)! + 67 \\
363668 &:= 3!! + (6 - 3 + 6)! + 68 \\
363669 &:= 3!! + (6 - 3 + 6)! + 69 \\
363670 &:= 3!! + (6 - 3 + 6)! + 70 \\
363671 &:= 3!! + (6 - 3 + 6)! + 71 \\
363672 &:= 3!! + (6 - 3 + 6)! + 72 \\
363673 &:= 3!! + (6 - 3 + 6)! + 73 \\
363674 &:= 3!! + (6 - 3 + 6)! + 74 \\
363675 &:= 3!! + (6 - 3 + 6)! + 75 \\
363676 &:= 3!! + (6 - 3 + 6)! + 76 \\
363677 &:= 3!! + (6 - 3 + 6)! + 77 \\
363678 &:= 3!! + (6 - 3 + 6)! + 78 \\
363679 &:= 3!! + (6 - 3 + 6)! + 79 \\
363680 &:= 3!! + (6 - 3 + 6)! + 80 \\
363681 &:= 3!! + (6 - 3 + 6)! + 81 \\
363682 &:= 3!! + (6 - 3 + 6)! + 82 \\
363683 &:= 3!! + (6 - 3 + 6)! + 83 \\
363684 &:= 3!! + (6 - 3 + 6)! + 84 \\
363685 &:= 3!! + (6 - 3 + 6)! + 85 \\
363686 &:= 3!! + (6 - 3 + 6)! + 86 \\
363687 &:= 3!! + (6 - 3 + 6)! + 87 \\
363688 &:= 3!! + (6 - 3 + 6)! + 88 \\
363689 &:= 3!! + (6 - 3 + 6)! + 89 \\
363690 &:= 3!! + (6 - 3 + 6)! + 90 \\
363691 &:= 3!! + (6 - 3 + 6)! + 91 \\
363692 &:= 3!! + (6 - 3 + 6)! + 92 \\
363693 &:= 3!! + (6 - 3 + 6)! + 93 \\
363694 &:= 3!! + (6 - 3 + 6)! + 94 \\
363695 &:= 3!! + (6 - 3 + 6)! + 95 \\
363696 &:= 3!! + (6 - 3 + 6)! + 96 \\
363697 &:= 3!! + (6 - 3 + 6)! + 97 \\
363698 &:= 3!! + (6 - 3 + 6)! + 98 \\
363699 &:= 3!! + (6 - 3 + 6)! + 99 \\
363719 &:= 3!! + (6 + 3! - 7)! - 1 + 9!
\end{aligned}$$

$$\begin{aligned}
363963 &:= 363 + 9! + (6 - 3)!! \\
363999 &:= (-3 + 6)!! + 399 + 9! \\
364195 &:= 3!! + 6! - (4 + 1)! + 9! - 5 \\
364296 &:= 3!! - (6 - 4 + 2)! + 9! + 6! \\
364315 &:= 3!! + 6! + (4 + 3! - 1)! - 5 \\
364318 &:= 3!! + 6! + 4 - 3! + (1 + 8)! \\
364337 &:= 3!! + 6! + 4! + (3 + 3)! - 7 \\
364363 &:= 3!! + 6! + 43 + (6 + 3)! \\
366476 &:= (3 + 6)! - 6! - 4 + 7! - 6! \\
366545 &:= 3665 + (4 + 5)! \\
367187 &:= -3! - 6! + 7! + (1 + 8)! - 7 \\
363720 &:= 3!! + (6 + 3)! + (7 - 2)! + 0 \\
363721 &:= 3!! + (6 + 3)! + (7 - 2)! + 1 \\
363722 &:= 3!! + (6 + 3)! + (7 - 2)! + 2 \\
363723 &:= 3!! + (6 + 3)! + (7 - 2)! + 3 \\
363724 &:= 3!! + (6 + 3)! + (7 - 2)! + 4 \\
363725 &:= 3!! + (6 + 3)! + (7 - 2)! + 5 \\
363726 &:= 3!! + (6 + 3)! + (7 - 2)! + 6 \\
363727 &:= 3!! + (6 + 3)! + (7 - 2)! + 7 \\
363728 &:= 3!! + (6 + 3)! + (7 - 2)! + 8 \\
363729 &:= 3!! + (6 + 3)! + (7 - 2)! + 9 \\
364320 &:= 3!! + 6! + (4 + 3 + 2)! + 0 \\
364321 &:= 3!! + 6! + (4 + 3 + 2)! + 1 \\
364322 &:= 3!! + 6! + (4 + 3 + 2)! + 2 \\
364323 &:= 3!! + 6! + (4 + 3 + 2)! + 3 \\
364324 &:= 3!! + 6! + (4 + 3 + 2)! + 4 \\
364325 &:= 3!! + 6! + (4 + 3 + 2)! + 5 \\
364326 &:= 3!! + 6! + (4 + 3 + 2)! + 6 \\
364327 &:= 3!! + 6! + (4 + 3 + 2)! + 7 \\
364328 &:= 3!! + 6! + (4 + 3 + 2)! + 8 \\
364329 &:= 3!! + 6! + (4 + 3 + 2)! + 9 \\
367200 &:= (3 + 6)! + 7! - (2 + 0)!! + 0 \\
367201 &:= (3 + 6)! + 7! - (2 + 0)!! + 1 \\
367202 &:= (3 + 6)! + 7! - (2 + 0)!! + 2 \\
367203 &:= (3 + 6)! + 7! - (2 + 0)!! + 3 \\
367204 &:= (3 + 6)! + 7! - (2 + 0)!! + 4 \\
367205 &:= (3 + 6)! + 7! - (2 + 0)!! + 5
\end{aligned}$$

$$\begin{aligned}
367206 &:= (3 + 6)! + 7! - (2 + 0)! + 6 \\
367207 &:= (3 + 6)! + 7! - (2 + 0)! + 7 \\
367208 &:= (3 + 6)! + 7! - (2 + 0)! + 8 \\
367209 &:= (3 + 6)! + 7! - (2 + 0)! + 9
\end{aligned}$$

$$\begin{aligned}
367910 &:= (3 + 6)! + 7! - 9 - 1 + 0 \\
367911 &:= (3 + 6)! + 7! - 9 - 1 + 1 \\
367912 &:= (3 + 6)! + 7! - 9 - 1 + 2 \\
367913 &:= (3 + 6)! + 7! - 9 - 1 + 3 \\
367914 &:= (3 + 6)! + 7! - 9 - 1 + 4 \\
367915 &:= (3 + 6)! + 7! - 9 - 1 + 5 \\
367916 &:= (3 + 6)! + 7! - 9 - 1 + 6 \\
367917 &:= (3 + 6)! + 7! - 9 - 1 + 7 \\
367918 &:= (3 + 6)! + 7! - 9 - 1 + 8 \\
367919 &:= (3 + 6)! + 7! - 9 - 1 + 9
\end{aligned}$$

$$\begin{aligned}
397440 &:= -3!! + 9! - 7! + (4 + 4)! + 0 \\
397441 &:= -3!! + 9! - 7! + (4 + 4)! + 1 \\
397442 &:= -3!! + 9! - 7! + (4 + 4)! + 2 \\
397443 &:= -3!! + 9! - 7! + (4 + 4)! + 3 \\
397444 &:= -3!! + 9! - 7! + (4 + 4)! + 4 \\
397445 &:= -3!! + 9! - 7! + (4 + 4)! + 5 \\
397446 &:= -3!! + 9! - 7! + (4 + 4)! + 6 \\
397447 &:= -3!! + 9! - 7! + (4 + 4)! + 7 \\
397448 &:= -3!! + 9! - 7! + (4 + 4)! + 8 \\
397449 &:= -3!! + 9! - 7! + (4 + 4)! + 9
\end{aligned}$$

$$\begin{aligned}
367460 &:= (3 + 6)! + 7! - 460 \\
367785 &:= (3 + 6)! + 7! - 7 - 8 - 5! \\
367797 &:= -3 - (6 - (7 - 7)!) + 9! + 7! \\
367829 &:= (3 + 6)! + 7! - 82 - 9 \\
367856 &:= (3 + 6)! + 7! - 8 - 56 \\
367864 &:= (3 + 6)! + 7! + 8 - 64 \\
367894 &:= (-3 + 6)! + 7! - 8 + 9! - 4! \\
367898 &:= -(-3 + 6)! + 7! - 8 + 9! - 8 \\
367902 &:= -3! - 6 + 7! + 9! - (0! + 2)! \\
367907 &:= -(-3 + 6)! - 7 + 9! + 07! \\
367922 &:= -3 + 6 + 7! + 9! - (2 - 2)! \\
367923 &:= -(3! - 6)! + 7! + 9! - 2 + 3!
\end{aligned}$$

$$\begin{aligned}
367924 &:= (-3 + 6)! + 7! + 9! + 2 - 4 \\
367925 &:= 3! + 6 - 7 + 9! + (2 + 5)! \\
367932 &:= -3! - 6 + 7! + 9! + (3! - 2)! \\
367933 &:= 3! + 6 + 7! + 9! + (3 - 3)! \\
367945 &:= (-3 + 6)! + 7! + 9! + 4! - 5 \\
367955 &:= 36 + 7! + 9! - (5 - 5)! \\
367981 &:= -3! + 67 + 9! + (8 - 1)! \\
368040 &:= (3 + 6)! + (8 - 0)! + (4 + 0)! \\
368637 &:= ((3! - 6)! + 8)! + 6! - 3 + 7! \\
368708 &:= 3!! + 68 + 7! + (0! + 8)! \\
369360 &:= (-3 + 6)!! + 9! + 3!! + (6 + 0)! \\
372952 &:= -3! + 7! - 2 + 9! + (5 + 2)! \\
372954 &:= -3! + 7! + (-2 + 9)! + (5 + 4)! \\
372959 &:= -3! + 7! + (-2 + 9)! + 5 + 9! \\
372961 &:= 3 + 7! - 2 + 9! + (6 + 1)! \\
372963 &:= 3 + 7! + (-2 + 9)! + (6 + 3)! \\
372969 &:= 3 + 7! + (-2 + 9)! + 6 + 9! \\
372997 &:= 37 + (-2 + 9)! + 9! + 7! \\
373675 &:= 3!! + 7! + (3 + 6)! + 7! - 5 \\
373679 &:= 3!! + 7! - (3! - 6)! + 7! + 9! \\
373680 &:= 3!! + 7! + (3 + 6)! + (8 - 0)! \\
398037 &:= -3 + 9! + 8! - (-0! + 3)! - 7! \\
398158 &:= 3 + 9! - (8 - 1)! - 5 + 8! \\
398163 &:= -3 + 9! + 8! - (1 + 6)! + 3! \\
398277 &:= -3 + 9! + 8! + (-2 + 7)! - 7! \\
398760 &:= 3!! + 9! + 8! - 7! - (6 - 0)! \\
402598 &:= -(4 - 0)!! - 2 + 5! + 9! + 8! \\
402958 &:= -(4 + 0)! - 2 + 9! - 5! + 8! \\
403179 &:= -4! + 03 + (1 + 7)! + 9! \\
403188 &:= -(4 - 0)! - 3! + (1 + 8)! + 8! \\
403193 &:= (4 + 0! + 3)! - 1 + 9! - 3! \\
403195 &:= (4 + 03 + 1)! + 9! - 5 \\
403197 &:= 4 + (0! + 3! + 1)! + 9! - 7 \\
403248 &:= 4! + (0! + 3! + 2)! + 4! + 8! \\
403249 &:= 4! + 0! + (3! + 2)! + 4! + 9! \\
403295 &:= -4! - 0! + (3! + 2)! + 9! + 5! \\
403298 &:= -4! + (-0! + 3)! + 2 + 9! + 8! \\
403917 &:= -4 + 0! + 3!! + 9! + (1 + 7)! \\
403920 &:= (4 + 0! + 3)! + 9! + (2 + 0)!! \\
403923 &:= 4 - 0! + 3!! + 9! + (2 + 3)! \\
403926 &:= (4 - 0)! + 3!! + 9! + (2 + 6)!
\end{aligned}$$

$403928 := (4 - 0!)! + 3!! + 9! + 2 + 8!$	$725779 := (7 + 2)! + 5 + 7 + 7 + 9!$
$403944 := 4! + 03!! + 9! + (4 + 4)!$	$725818 := (7 + 2)! + 58 + (1 + 8)!$
$403968 := 4! + (0! + 3)! + 9! + 6! + 8!$	$725818 := (7 + 2)! + 58 + (1 + 8)!$
$408960 := (4 - 0!)!! + 8! + 9! + (6 + 0!)!$	$725819 := (7 + 2)! + 58 + 1 + 9!$
$443519 := (4 + 4)! + (3 + 5)! - 1 + 9!$	$725819 := (7 + 2)! + 58 + 1 + 9!$
$443519 := (4 + 4)! + (3 + 5)! - 1 + 9!$	$725849 := (7 + 2)! + 5 + 84 + 9!$
$720719 := (7 + 2)! - 07! - 1 + 9!$	$725872 := (7 + 2)! + 5! - 8 + (7 + 2)!$
$725519 := (7 + 2)! - 5! - 5! - 1 + 9!$	$725879 := (7 + 2)! + 5! - 8 + 7 + 9!$
$725635 := (7 + 2)! - 5 + (6 + 3)! - 5!$	$725904 := (7 + 2)! + 5! + 9! + 04!$
$725639 := (7 + 2)! - 5! - (-6 + 3!)! + 9!$	$726399 := (7 + 2)! + 639 + 9!$
$725640 := (7 + 2)! - 5! + (6 + 4 - 0!)!$	$726497 := (7 + 2)! + 6! + 4! + 9! - 7$
$725697 := (7 + 2)! - 56 + 9! - 7$	$730795 := (7 + 3 - 0!)! + 7! + 9! - 5$
$725749 := (7 + 2)! - 5 - (7 - 4)! + 9!$	$730919 := 7! + (3! - 0!)! + 9! - 1 + 9!$
$725760 := (7 + 2)! + (-5 + 7 + 6 + 0!)!$	
$725772 := (7 + 2)! + 5 + 7 + (7 + 2)!$	

3.2 Basic Operations

This section bring **selfie numbers** in digit's order using **basic operations** with **factorial**. Result appearing in above subsections are not included here. Due to high quantity of numbers, the results are limited up to 5 digits.

$36 := 3! \times 6$	$2048 := 2^{-0!+4+8}$
$143 := -1 + 4! \times 3!$	$2160 := (2 + 1) \times 6! + 0$
$240 := 2 \times (4 + 0!)!$	$2161 := (2 + 1) \times 6! + 1$
$355 := 3 \times 5! - 5$	$2162 := (2 + 1) \times 6! + 2$
$360 := 3! \times 60$	$2163 := (2 + 1) \times 6! + 3$
$456 := 4 \times (5! - 6)$	$2164 := (2 + 1) \times 6! + 4$
$693 := 6! - 9 \times 3$	$2165 := (2 + 1) \times 6! + 5$
$713 := -7 + 1 \times 3!!$	$2166 := (2 + 1) \times 6! + 6$
$720 := (7 - (2 \times 0!)!)!$	$2167 := (2 + 1) \times 6! + 7$
$744 := (7 + 4!) \times 4!$	$2168 := (2 + 1) \times 6! + 8$
	$2169 := (2 + 1) \times 6! + 9$
$1426 := -14 + 2 \times 6!$	
$1432 := 1 \times (-4 + 3!!) \times 2$	$2472 := -2 \times 4! + 7!/2$
$1436 := -1 \times 4 + 3!! + 6!$	$2496 := (2 + 4!) \times 96$
$1442 := (1 + (4!/4)!) \times 2$	
$1573 := (1 + 5!) \times (7 + 3!)$	$2520 := (2 + 5)!/2 + 0$
$1673 := -1 - 6 + 7!/3$	$2521 := (2 + 5)!/2 + 1$
$1704 := (1 + 70) \times 4!$	$2522 := (2 + 5)!/2 + 2$

$$\begin{aligned}
 2523 &:= (2 + 5)!/2 + 3 \\
 2524 &:= (2 + 5)!/2 + 4 \\
 2525 &:= (2 + 5)!/2 + 5 \\
 2526 &:= (2 + 5)!/2 + 6 \\
 2527 &:= (2 + 5)!/2 + 7 \\
 2528 &:= (2 + 5)!/2 + 8 \\
 2529 &:= (2 + 5)!/2 + 9
 \end{aligned}$$

$$\begin{aligned}
 2864 &:= -2 \times 8 + 6! \times 4 \\
 2995 &:= -29 + 9!/5! \\
 3354 &:= 4 \times (5! + 3!!) - 3! \\
 3376 &:= -3!! + (-3 + 7)^6 \\
 3448 &:= 3! \times 4! \times 4! - 8 \\
 3453 &:= 3!! \times 4!/5 - 3 \\
 3455 &:= (3!! \times 4! - 5)/5 \\
 3456 &:= 3!! \times 4/5 \times 6 \\
 3465 &:= (-3 - 4! + 6!) \times 5 \\
 3528 &:= (3! + 5!) \times 28 \\
 3550 &:= 3!! \times 5 - 50 \\
 3565 &:= -35 + 6! \times 5 \\
 3584 &:= 3!! \times 5 + 8 - 4! \\
 3585 &:= (3!! + 5 - 8) \times 5 \\
 3586 &:= 3!! \times 5 - 8 - 6 \\
 3590 &:= 3!! \times 5 - 9 - 0! \\
 3591 &:= 3!! \times 5 - 9 \times 1 \\
 3599 &:= 3!! \times 5 - 9/9
 \end{aligned}$$

$$\begin{aligned}
 3600 &:= 3!! \times (6 - 0!) + 0 \\
 3601 &:= 3!! \times (6 - 0!) + 1 \\
 3602 &:= 3!! \times (6 - 0!) + 2 \\
 3603 &:= 3!! \times (6 - 0!) + 3 \\
 3604 &:= 3!! \times (6 - 0!) + 4 \\
 3605 &:= 3!! \times (6 - 0!) + 5 \\
 3606 &:= 3!! \times (6 - 0!) + 6 \\
 3607 &:= 3!! \times (6 - 0!) + 7 \\
 3608 &:= 3!! \times (6 - 0!) + 8 \\
 3609 &:= 3!! \times (6 - 0!) + 9
 \end{aligned}$$

$$3615 := (3 + 6!) \times 1 \times 5$$

$$\begin{aligned}
 3625 &:= (3 + 6! + 2) \times 5 \\
 3630 &:= (3! + 6!) \times (3! - 0!) \\
 3636 &:= 3! \times (6 + 3!!) - 6! \\
 3654 &:= (3! + 6!) \times 5 + 4! \\
 3655 &:= (3!! + 6 + 5) \times 5 \\
 3744 &:= -3!! + 7! - 4! \times 4! \\
 3755 &:= (3!! + 7) \times 5 + 5! \\
 3774 &:= -3! + 7! - 7!/4
 \end{aligned}$$

$$\begin{aligned}
 3780 &:= 3! \times 7!/8 + 0 \\
 3781 &:= 3! \times 7!/8 + 1 \\
 3782 &:= 3! \times 7!/8 + 2 \\
 3783 &:= 3! \times 7!/8 + 3 \\
 3784 &:= 3! \times 7!/8 + 4 \\
 3785 &:= 3! \times 7!/8 + 5 \\
 3786 &:= 3! \times 7!/8 + 6 \\
 3787 &:= 3! \times 7!/8 + 7 \\
 3788 &:= 3! \times 7!/8 + 8 \\
 3789 &:= 3! \times 7!/8 + 9
 \end{aligned}$$

$$\begin{aligned}
 3957 &:= -3 - 9 \times 5! + 7! \\
 4176 &:= (-4! + (-1 + 7)!) \times 6 \\
 4314 &:= 4! \times (3!! - 1)/4 \\
 4316 &:= -4 + 3! \times 1 \times 6! \\
 4324 &:= 4 + 3! \times (2 + 4)! \\
 4330 &:= 4 + 3! \times (3!! + 0!) \\
 4332 &:= 4! + 3! \times (3!! - 2) \\
 4337 &:= (4 + 3!!) \times 3! - 7 \\
 4344 &:= 4! \times (3!! + 4)/4 \\
 4363 &:= 43 + 6 \times 3!! \\
 4464 &:= 4! \times (4! + 6!)/4 \\
 4480 &:= (4 + 4)!/(8 + 0!) \\
 4560 &:= -4 \times 5! + (6 + 0!)! \\
 5037 &:= 5 \times 0 - 3 + 7! \\
 5040 &:= (5 + 0! + (4 \times 0)!)! \\
 5064 &:= ((5 \times 0)! + 6)! + 4! \\
 5275 &:= 5! \times 2 + 7! - 5 \\
 5280 &:= 5! \times 2 + (8 - 0!)! \\
 5395 &:= -(5! - 3!!) \times 9 - 5 \\
 5568 &:= (-5!/5 + 6!) \times 8 \\
 5765 &:= 5 + 7! + 6 \times 5!
 \end{aligned}$$

$$5875 := 5! + 8!/7 - 5$$

$$5880 := 5! + 8!/(8 - 0!)$$

$$6399 := ((6 - 3)!! - 9) \times 9$$

$$6552 := (6 + 5!) \times 52$$

$$6768 := (6 + 7!/6) \times 8$$

$$6835 := (6! + 8!)/3! - 5$$

$$6840 := (6! + 8!)/(4 - 0)!)$$

$$6864 := (6! + 8!)/6 + 4!$$

$$7056 := (7 - 0!)^5 - 6!$$

$$7193 := -7 + (1 + 9) \times 3!!$$

$$7235 := (7 + 2 \times 3!!) \times 5$$

$$7595 := 7 \times (5 + 9 \times 5!)$$

$$7985 := -79 + 8!/5$$

$$8057 := 8!/(0 + 5) - 7$$

$$8062 := 8!/(-0! + 6) - 2$$

$$8064 := 8!/((0/6)! + 4)$$

$$8065 := (8! - 0! + 6)/5$$

$$8405 := (8!/4! + 0!) \times 5$$

$$8632 := -8 + 6! \times 3! \times 2$$

$$8648 := 8 + 6! \times (4 + 8)$$

$$10000 := 100^{0!+0!}$$

$$10024 := 100^2 + 4!$$

$$10067 := -1 + (0! + 0!) \times (-6 + 7!)$$

$$10072 := -10 + (0! + 7!) \times 2$$

$$10073 := -1 + (0! + 0!) \times (7! - 3)$$

$$10074 := (1 + 0!) \times (0! + 7! - 4)$$

$$10075 := (1 + 0!) \times (0 + 7!) - 5$$

$$10076 := (1 + 0!) \times (0! + 7!) - 6$$

$$10080 := (1 + 0!) \times (-0! + 8)! + 0$$

$$10081 := (1 + 0!) \times (-0! + 8)! + 1$$

$$10082 := (1 + 0!) \times (-0! + 8)! + 2$$

$$10083 := (1 + 0!) \times (-0! + 8)! + 3$$

$$10084 := (1 + 0!) \times (-0! + 8)! + 4$$

$$10085 := (1 + 0!) \times (-0! + 8)! + 5$$

$$10086 := (1 + 0!) \times (-0! + 8)! + 6$$

$$10087 := (1 + 0!) \times (-0! + 8)! + 7$$

$$10088 := (1 + 0!) \times (-0! + 8)! + 8$$

$$10089 := (1 + 0!) \times (-0! + 8)! + 9$$

$$10097 := -1 + (0! + 0!) \times (9 + 7!)$$

$$10785 := (10! - 7!)/(8!/5!)$$

$$10944 := (10 + 9) \times 4! \times 4!$$

$$11344 := (-11 + 3!!) \times 4 \times 4$$

$$11349 := (1 + (1 + 3!)!/4) \times 9$$

$$11495 := (1 + (1 + 4)!) \times 95$$

$$11520 := (1 + 15) \times (2 + 0)!!$$

$$11528 := (1 + (1 + 5)! \times 2) \times 8$$

$$11544 := 1 \times (1 + 5! \times 4) \times 4!$$

$$11957 := 11 \times (9 \times 5! + 7)$$

$$12096 := (1 + 2 + 0!)! \times 9!/6!$$

$$12240 := (1 + 2)!! \times (2^4 + 0!)$$

$$12274 := ((1 + 2)!! + 2) \times (-7 + 4!)$$

$$12288 := (1 + 2)! \times 2^8 \times 8$$

$$12294 := (1 + 2)! + 2^9 \times 4!$$

$$12923 := -1 + 2 \times 9 \times (-2 + 3!!)$$

$$12933 := (1 + 2) \times (-9 + 3! \times 3!!)$$

$$12955 := 12 \times 9 \times 5! - 5$$

$$12960 := 1 \times 2 \times 9 \times 6! + 0$$

$$12961 := 1 \times 2 \times 9 \times 6! + 1$$

$$12962 := 1 \times 2 \times 9 \times 6! + 2$$

$$12963 := 1 \times 2 \times 9 \times 6! + 3$$

$$12964 := 1 \times 2 \times 9 \times 6! + 4$$

$$12965 := 1 \times 2 \times 9 \times 6! + 5$$

$$12966 := 1 \times 2 \times 9 \times 6! + 6$$

$$12967 := 1 \times 2 \times 9 \times 6! + 7$$

$$12968 := 1 \times 2 \times 9 \times 6! + 8$$

$$12969 := 1 \times 2 \times 9 \times 6! + 9$$

$$13392 := ((1 + 3)! + 3!!) \times 9 \times 2$$

$$13433 := -1 - 3! + (4!/3)!/3$$

$$13435 := (1 + 3 + 4)!/3 - 5$$

$$13439 := -1 + 3 \times (4!/3)!/9$$

$$13440 := (1 + 3 + 4)!/(4 - 0!)$$

$$13443 := 1 \times 3 + (4 + 4)!/3$$

$$13452 := -1 - 3 + (-4 + 5!)^2$$

$$13537 := 1 + 3!^5 + 3!! + 7!$$

$$\begin{aligned}
 13555 &:= (-1 - 3! + 5!) \times 5! - 5 \\
 13557 &:= -1 \times 3 + 5! \times (5! - 7) \\
 13560 &:= (-1 + 3!)! \times (5! - 6 - 0!) \\
 13566 &:= ((1 + 3)! - 5) \times (6! - 6) \\
 13583 &:= -1 + 3!!/5 + 8!/3 \\
 13661 &:= (13 + 6) \times (6! - 1) \\
 13683 &:= 1 \times (3^6 + 8!)/3 \\
 13823 &:= -1 + (3! \times 8/2)^3 \\
 13824 &:= 1 \times (3 \times 8)^2 \times 4! \\
 14320 &:= -1 \times (4 - 3!!) \times 20 \\
 14335 &:= (-1 + 4 \times (-3 + 3!!)) \times 5 \\
 14352 &:= 1 \times 4! \times (3!! - 5! - 2) \\
 14365 &:= (-1 + 4 \times 3!! - 6) \times 5 \\
 14376 &:= -1 \times 4! + 3 \times 7! - 6! \\
 14394 &:= -(-1 + 4)! - 3!! + 9!/4! \\
 14395 &:= (-1 + 4 \times (-3 + 9)!) \times 5
 \end{aligned}$$

$$\begin{aligned}
 14400 &:= (1 + 4)! \times (4 + 0!)! + 0 \\
 14401 &:= (1 + 4)! \times (4 + 0!)! + 1 \\
 14402 &:= (1 + 4)! \times (4 + 0!)! + 2 \\
 14403 &:= (1 + 4)! \times (4 + 0!)! + 3 \\
 14404 &:= (1 + 4)! \times (4 + 0!)! + 4 \\
 14405 &:= (1 + 4)! \times (4 + 0!)! + 5 \\
 14406 &:= (1 + 4)! \times (4 + 0!)! + 6 \\
 14407 &:= (1 + 4)! \times (4 + 0!)! + 7 \\
 14408 &:= (1 + 4)! \times (4 + 0!)! + 8 \\
 14409 &:= (1 + 4)! \times (4 + 0!)! + 9
 \end{aligned}$$

$$\begin{aligned}
 14425 &:= (1 + 4! \times 4!) \times 25 \\
 14515 &:= (1 + 4)! \times (5! + 1) - 5 \\
 14420 &:= (1 + ((4!/4)!) \times 20 \\
 14424 &:= (1 + 4)!^{4-2} + 4!
 \end{aligned}$$

$$\begin{aligned}
 14520 &:= (1 + 4)! + 5!^2 + 0 \\
 14521 &:= (1 + 4)! + 5!^2 + 1 \\
 14522 &:= (1 + 4)! + 5!^2 + 2 \\
 14523 &:= (1 + 4)! + 5!^2 + 3
 \end{aligned}$$

$$\begin{aligned}
 14524 &:= (1 + 4)! + 5!^2 + 4 \\
 14525 &:= (1 + 4)! + 5!^2 + 5 \\
 14526 &:= (1 + 4)! + 5!^2 + 6 \\
 14527 &:= (1 + 4)! + 5!^2 + 7 \\
 14528 &:= (1 + 4)! + 5!^2 + 8 \\
 14529 &:= (1 + 4)! + 5!^2 + 9 \\
 14567 &:= -1 + 4! \times (-5! + 6! + 7) \\
 14637 &:= (1 - 4! + 6!) \times 3 \times 7 \\
 14640 &:= (1 + 4 + 6)^4 - 0! \\
 14689 &:= 1 + 4! \times 68 \times 9 \\
 14755 &:= (-1 + 4) \times (7! - 5!) - 5 \\
 14760 &:= (-1 + 4) \times (7! - (6 - 0!)!) \\
 14784 &:= (-14 + 7!/8) \times 4! \\
 14973 &:= -1 \times (49 - 7!) \times 3 \\
 14994 &:= -14 \times 9 + 9!/4! \\
 15093 &:= ((1 + 5 + 0!)! - 9) \times 3 \\
 15117 &:= (1 - (5 - 1)) \times (1 - 7!) \\
 15120 &:= (1 + 5)! \times (1 + 20) \\
 15121 &:= 1 + (5 + 1)! \times 21 \\
 15123 &:= (1 + (-5 + 12)!) \times 3 \\
 15125 &:= (1 + 5!) \times 125 \\
 15232 &:= (-1 + 5!) \times 2^3! \times 2 \\
 15237 &:= -1 + 5! - 2 + 3 \times 7! \\
 15273 &:= (-1 + 52 + 7!) \times 3 \\
 15367 &:= (1 + 5!) \times (3!!/6 + 7) \\
 15488 &:= (1 + 5!) \times (4! - 8) \times 8 \\
 15504 &:= -1 - 5! + 5^{(-0!+4)!} \\
 15505 &:= 1 \times 5^{5+0!} - 5! \\
 15506 &:= 1 - 5! + 5^{06} \\
 15552 &:= (15/5)!^5 \times 2 \\
 15609 &:= (1 + 5!) \times ((6 - 0!)! + 9) \\
 15620 &:= 1 + 5^6 - (2 + 0!)! \\
 15625 &:= 1 \times 5^{(6+2-5)!}
 \end{aligned}$$

$$\begin{aligned}
 15630 &:= -1 + 5^6 + 3! + 0 \\
 15631 &:= -1 + 5^6 + 3! + 1 \\
 15632 &:= -1 + 5^6 + 3! + 2 \\
 15633 &:= -1 + 5^6 + 3! + 3
 \end{aligned}$$

$$\begin{aligned}
 15634 &:= -1 + 5^6 + 3! + 4 & 17526 &:= 1 + 7^5 - 2 + 6! \\
 15635 &:= -1 + 5^6 + 3! + 5 & 17528 &:= 1 + 7^5 + (-2 + 8)! \\
 15636 &:= -1 + 5^6 + 3! + 6 & 17533 &:= 1 \times 7^5 + 3! + 3!! \\
 15637 &:= -1 + 5^6 + 3! + 7 & 17647 &:= (1 + 7! / (6 - 4)) \times 7 \\
 15638 &:= -1 + 5^6 + 3! + 8 & 17944 &:= (1 + 7)! / 9 \times 4 + 4! \\
 15639 &:= -1 + 5^6 + 3! + 9 & 18144 &:= (1 + 8)! / ((1 + 4) \times 4) \\
 & & 18145 &:= 1 + (8 + 1)! / (4 \times 5) \\
 & & 18433 &:= 1 + 8 \times 4!^3 / 3! \\
 15643 &:= 1 \times 5^6 + 4! - 3! & 18450 &:= 18 \times (4^5 + 0!) \\
 15644 &:= -1 + 5^6 + 4! - 4 & 18479 &:= -1 + (8! \times 4 + 7!) / 9 \\
 15648 &:= -1 + 5^6 + (-4 + 8)! & 18963 &:= -3!! + (-6 + 9)^{8+1} \\
 15650 &:= 1 + 5^6 + (5 - 0!)! & 19099 &:= (1 + 9!) / (0! + 9 + 9) \\
 15654 &:= 1 \times 5^6 + 5 + 4! & 19323 &:= -3!! / 2 + 3^9 \times 1 \\
 15697 &:= 1 \times 5^6 + 9! / 7! & 19368 &:= 1 \times 9 \times (3 \times 6! - 8) \\
 15745 &:= 1 \times 5^{(7-4)!} + 5! & 19443 &:= (1 + 9 \times (4! / 4)!) \times 3 \\
 15753 &:= 1 + 5! + 7 + 5^3! & 19628 &:= (-19 + 6!) \times 28 \\
 15864 &:= (-1 - 58 + 6!) \times 4! & 20144 &:= (((2 + 0!)! + 1)! - 4) \times 4 \\
 16245 &:= (1 + 6! / 2) \times 45 & 20157 &:= -2 - 0! + (-1 + 5) \times 7! \\
 16347 &:= -1 - 6 \times 3! + 4^7 & 20160 &:= 2^{0!+1} \times (6 + 0!)! \\
 16383 &:= -1 + (6/3)^{8+3!} & 20162 &:= 2 + (0! + 1 + 6)! / 2 \\
 16464 &:= -1 \times 6! + (-4 + 6!) \times 4! & 20164 &:= ((2 \times 0)! + (1 + 6)!) \times 4 \\
 16537 &:= (-1 + 6!) \times (5 \times 3! - 7) & 20184 &:= ((2 + 0!)! + (-1 + 8)!) \times 4 \\
 16564 &:= -1 - 6! + 5 + 6! \times 4! & 20328 &:= ((2 + 0!)! + 3!!) \times 28 \\
 16795 &:= (-1 + 6 \times 7! / 9) \times 5 & 20465 &:= (-2 - 0! + 4^6) \times 5 \\
 16944 &:= (-1 + 6! - 9 - 4) \times 4! & 20667 &:= 2 + (-0! + 6)^6 + 7! \\
 16945 &:= 1 + (6! - 9) \times 4! - 5! & 20734 &:= -2 + (-0! + 7 + 3!)^4 \\
 17064 &:= (-1 - 7 - 0! + 6!) \times 4! & 21456 &:= (2 + 1)! \times (-4! + 5 \times 6!) \\
 17159 &:= -1 + (7 + 1 + 5)! / 9! & 21575 &:= -(2 + 1)!! - 5 + 7!) \times 5 \\
 17232 &:= ((1 + 7) / 2)! \times (3!! - 2) & 21605 &:= ((2 + 1)! \times 6! + 0!) \times 5 \\
 17246 &:= -17 \times 2 + 4! \times 6! & 21630 &:= (2 - 1 + 6!) \times 30 \\
 17263 &:= -17 + (-2 + 6)! \times 3!! & 22316 &:= -2 - 2 + 31 \times 6! \\
 17264 &:= -(1 + 7) \times 2 + 6! \times 4! & 23024 &:= (2 \times 3!! - 0!) \times 2^4 \\
 17283 &:= (1 + 7! + (-2 + 8)!) \times 3 & 23024 &:= 4^2 \times (-0! + 3!! \times 2) \\
 17284 &:= (1 + 7! - (-2 + 8)!) \times 4 & 23035 &:= (2 + 30) \times 3!! - 5 \\
 17303 &:= -1 + (7 - 3)! \times (0! + 3!!) & 23038 &:= -2 + (3 + 0!) \times 3!! \times 8 \\
 17304 &:= 4 \times (0! + 3!!) \times (7 - 1) & 23040 &:= (2 + 30) \times (4 - 0)!! \\
 17346 &:= ((-1 + 7)! + 3) \times 4! - 6 & 23064 &:= (2 + 30) \times 6! + 4! \\
 17424 &:= (-1 + 7 + (4 + 2)!) \times 4! & 23136 &:= 2^{3!-1} \times (3 + 6!) \\
 17472 &:= 1 \times 7 \times (-4! + 7! / 2) & 23323 &:= -2 + 3!^{3!} / 2 - 3 \\
 17496 &:= (1 + 7 - 4)! \times (9 + 6!) & 23324 &:= (2 \times 3)^{3!} / 2 - 4
 \end{aligned}$$

$$\begin{aligned}
 23325 &:= 2 + 3!^{3!} / 2 - 5 & 25335 &:= ((2 + 5)! + 3^3) \times 5 \\
 23330 &:= 2 + 3!^{3!} / (3 - 0!) & 25337 &:= 2 + 5 \times (3^3 + 7!) \\
 23334 &:= 2 \times (3 + 3!^{3!} / 4) & 25344 &:= ((2 + 5)! + 3!^4) \times 4 \\
 23335 &:= -2 + 3 \times (3 + 3!^5) & 25375 &:= (2^5 + 3 + 7!) \times 5 \\
 23354 &:= 2 + 3 \times 3!^5 + 4! & 25395 &:= ((2 + 5)! + 39) \times 5 \\
 23424 &:= (2 \times 3!! + 4!) \times 2^4 & 25397 &:= 2 + 5 \times (39 + 7!) \\
 23664 &:= (-2 + 36) \times (6! - 4!) & 25758 &:= -2 + 5 \times (7! + 5! - 8) \\
 23694 &:= (-2 + (-3 + 6)!!) \times (9 + 4!) & 25775 &:= (2 + 5! - 7 + 7!) \times 5 \\
 23755 &:= -2 \times 3!! + 7! \times 5 - 5 & 25893 &:= -3 \times 9 + 8! - 5!^2 \\
 23758 &:= -2 + 3!! \times (-7 + 5 \times 8) & 25914 &:= -(-2 + 5)! + 9! / 14 \\
 23760 &:= -2 \times 3!! + 7! \times (6 - 0!) & 25922 &:= 2 + 5! \times 9 \times (2^2)! \\
 23843 &:= 2 + 3^8 + 4! \times 3!! & 25927 &:= 2 + 5 + 9! / (2 \times 7) \\
 24276 &:= (2 + 4!^2) \times 7 \times 6 & 25944 &:= (2 + 5! \times 9) \times 4! - 4! \\
 24328 &:= ((2 + 4!) \times 3!)^2 - 8 & 25945 &:= 25 + 9 \times 4! \times 5! \\
 24336 &:= (2 + 4!) \times (3!^3 + 6!) & 26496 &:= (2 + 6)! - 4!^{9-6} \\
 24384 &:= (2^{4+3!} - 8) \times 4! & 26638 &:= -(2 + 6!) + 6! \times 38 \\
 24504 &:= (-2 + 4^5 - 0!) \times 4! & 26832 &:= -(-2 + 6)! + 8! / 3 \times 2 \\
 24624 &:= (2^{4+6} + 2) \times 4! & 26864 &:= (2 - 6 + 8! / 6) \times 4 \\
 24739 &:= 2^4 + 7! + 3^9 & 26868 &:= 2 \times (-6 - 8! / 6) + 8! \\
 24960 &:= (2 + 4!) \times 960 & 26879 &:= -((2 - ((6 \times 8!) - 7))) / 9 \\
 25075 &:= (-25 + (0 + 7)!) \times 5 & 26884 &:= 2 \times (6 + 8!) \times 8 / 4! \\
 25135 &:= ((2 + 5)! - 13) \times 5 & 27648 &:= 2^7 \times 6^{(4! / 8)} \\
 25137 &:= 2 + 5 \times (-13 + 7!) & 28320 &:= 2 \times (8! / 3 + (2 + 0)!!) \\
 25165 &:= ((2 + 5)! - 1 - 6) \times 5 & 28438 &:= -2 + 8! - (4 \times 3)! / 8! \\
 25167 &:= 2 + 5 \times ((1 + 6)! - 7) & 28576 &:= (2^8 + 5!) \times 76 \\
 25173 &:= -2 + 5 \times (1 + 7! - 3!) & 28704 &:= (-((2^8)) + 7!) \times (-((0! - 4)))! \\
 25174 &:= -2 + 5 \times 1 \times 7! - 4! & 28775 &:= (2 + 8! / 7 - 7) \times 5 \\
 25175 &:= 25 \times (-1 + 7! / 5) & 28805 &:= ((-2 + 8)! \times 8 + 0!) \times 5 \\
 25183 &:= -2 + 5 \times ((-1 + 8)! - 3) & 29520 &:= ((-2 + 9)! - 5!) \times (2 + 0)! \\
 25185 &:= (2 - 5 + (-1 + 8)!) \times 5 & 29576 &:= 2 + (9 - 5! + 7!) \times 6 \\
 25189 &:= -2 + 5 \times (-1 + 8)! - 9 & 29676 &:= (2 - 96 + 7!) \times 6 \\
 25195 &:= ((2 + 5)! - 1^9) \times 5 & 29728 &:= -2^9 + 7! \times (-2 + 8) \\
 25197 &:= 2 - 5 \times (1^9 - 7!) & 30186 &:= ((3! + 0)! - 1 - 8) \times 6 \\
 25198 &:= -2 + 5 \times (-1^9 + 8)! & 30228 &:= ((3! + 0)! - 2) \times (-2 + 8) \\
 25200 &:= (2 + 5)! \times ((2 + 0)! - 0!) & 30234 &:= 3! \times (0! - 2 + (3 + 4)!) \\
 25207 &:= 2 + 5 \times ((2 \times 0)! + 7!) & 30235 &:= 3! \times (0! + 2 \times 3)! - 5 \\
 25208 &:= -2 + 5 \times (2 + (-0! + 8)!) & 30237 &:= -3 + (0 + 2 \times 3) \times 7! \\
 25215 &:= ((2 + 5)! + 2 + 1) \times 5 & & \\
 25217 &:= 2 + 5 \times (2 + 1 + 7!) & 30240 &:= 3! \times (0! + 2 + 4)! + 0 \\
 & & 30241 &:= 3! \times (0! + 2 + 4)! + 1
 \end{aligned}$$

$$30242 := 3! \times (0! + 2 + 4)! + 2$$

$$30243 := 3! \times (0! + 2 + 4)! + 3$$

$$30244 := 3! \times (0! + 2 + 4)! + 4$$

$$30245 := 3! \times (0! + 2 + 4)! + 5$$

$$30246 := 3! \times (0! + 2 + 4)! + 6$$

$$30247 := 3! \times (0! + 2 + 4)! + 7$$

$$30248 := 3! \times (0! + 2 + 4)! + 8$$

$$30249 := 3! \times (0! + 2 + 4)! + 9$$

$$30252 := 3! \times (0 + 2 + (5 + 2)!)$$

$$30264 := 3! \times (((0 \times 2)! + 6)! + 4)$$

$$30267 := 3^{0!+2} + 6 \times 7!$$

$$30270 := 3! \times ((0! + 2)! + 7! - 0!)$$

$$30273 := 3! \times ((0! + 2)! + 7!) - 3$$

$$30276 := 3 \times (0 + 2) \times (7! + 6)$$

$$30288 := 3! \times ((0! - 2 + 8)! + 8)$$

$$30297 := 3 \times (0! + 2 \times (9 + 7!))$$

$$30312 := 3! \times ((0! + 3!)! + 12)$$

$$30354 := 3! \times ((0! + 3!)! - 5 + 4!)$$

$$30355 := 3! \times (0! + 3!)! + 5! - 5$$

$$30360 := (3! - 0!)! + 3! \times (6 + 0!)!$$

$$30366 := (3! + 0!) \times (3 + 6!) \times 6$$

$$30372 := 3! \times ((0! + 3)! + 7! - 2)$$

$$30377 := 3! \times ((0! + 3)! + 7!) - 7$$

$$30384 := 3! \times ((0! + 3!)! + (8 - 4)!)$$

$$30532 := -3!! + (0! + 5^{3!}) \times 2$$

$$30672 := 3! \times ((0! + 6)! + 72)$$

$$30792 := 3! \times ((0 + 7)! + 92)$$

$$30955 := 3!! + (0! + 9)!/5! - 5$$

$$30960 := 3!! + (0! + 9)!/(6 - 0!)!$$

$$31253 := 3 + 1 \times 2 \times 5^{3!}$$

$$31256 := 3! + 1 \times 2 \times 5^6$$

$$31668 := -(3!! + 1) \times (6 + 6) + 8!$$

$$31995 := (3!! - 1 \times 9) \times 9 \times 5$$

$$32048 := -3!! + 2^{-0!+4!-8}$$

$$32085 := -3!! + (2 + 0!)^8 \times 5$$

$$32256 := (3! - 2)!^2 \times 56$$

$$32355 := 3^2 \times (3!! \times 5 - 5)$$

$$32394 := -3 \times (2 + 3!! \times (9 - 4!))$$

$$32395 := 3!! \times (2 + 3) \times 9 - 5$$

$$32400 := ((3 \times 2)!/4)^{0!+0!}$$

$$32424 := ((3 \times 2)!/4)^2 + 4!$$

$$32538 := -(3 \times 2)^5 - 3! + 8!$$

$$32544 := -(3 \times 2)^5 + (4 + 4)!$$

$$32548 := -(3 \times 2)^5 + 4 + 8!$$

$$32744 := 32^{7-4} - 4!$$

$$32748 := -3! \times (2 + 7!/4) + 8!$$

$$32760 := (-3!!/2 + 7!) \times (6 + 0!)$$

$$32762 := -3! + 2^{7+6+2}$$

$$32772 := 3! \times (2 + 7!) + 7!/2$$

$$32804 := 3!^2 + 8^{0!+4}$$

$$32805 := (3!/2)^8 \times 05$$

$$32835 := ((3!/2)^8 + 3!) \times 5$$

$$32848 := 3!! - 2 \times 8^4 + 8!$$

$$32977 := (-329 + 7!) \times 7$$

$$32992 := (32 + 9!)/(9 + 2)$$

$$32994 := (3!!/2 - 9) \times 94$$

$$33144 := (3!! + 3!!) \times (-1 + 4!) + 4!$$

$$33408 := 3! \times (3!! - 4!) \times 08$$

$$33482 := 3!! - 3! + 4^8/2$$

$$33495 := (3 + (3!! + 4!) \times 9) \times 5$$

$$33558 := (3!! - 3!) \times (55 - 8)$$

$$33585 := (-3 + (3!! + 5!) \times 8) \times 5$$

$$33648 := -3!! + 3! \times (6! - 4) \times 8$$

$$33741 := (-3!! + 3^7) \times (4! - 1)$$

$$33835 := 3!! \times 3! \times 8 - 3!! - 5$$

$$33837 := -3 - 3!! + 8! \times 3!/7$$

$$33839 := -3/3 + 8! - 3!! \times 9$$

$$33840 := 3!! \times 3! \times 8 - (4 \times 0)!$$

$$33852 := 3! \times (3!! \times 8 - 5! + 2)$$

$$33864 := -3!! + 3! \times (8 \times 6! + 4)$$

$$33876 := 3! \times (3! + 8!/7) - 6!$$

$$33885 := 3! - 3^8 + 8! + 5!$$

$$33984 := 3! \times ((3!! - 9) \times 8 - 4!)$$

$$34224 := (3!! + 4!) \times (22 + 4!)$$

$$34266 := -3! + 4! \times 2 \times (6! - 6)$$

$$34344 := (3 + 4!) \times (3!^4 - 4!)$$

$$34368 := 3! \times (-4!/3! + 6!) \times 8$$

$$34377 := (-3 \times 43 + 7!) \times 7$$

$$34386 := (3 - (4 - 3!!)) \times 8 \times 6$$

$$\begin{aligned}
 34432 &:= (3!! \times 4! - 4^3) \times 2 & 34776 &:= (-3 \times 4! + 7!) \times 7!/6! \\
 34440 &:= 3!! \times (4! + 4!) - (4 + 0!)! & 34777 &:= -3!! + (4! + 7 + 7!) \times 7 \\
 34464 &:= 3!! \times 4! + (-4 + 6!) \times 4! & 34848 &:= (3!! + (4!/8)!) \times 48 \\
 34480 &:= 3!! \times (4! + 4!) - 80 & 34968 &:= 3! \times (-4 + (9 + 6!) \times 8) \\
 34488 &:= -3^{(4!/4)} \times 8 + 8! & 34992 &:= 3!^4 \times (9 + 9 \times 2) \\
 34497 &:= 3!! \times (4! + 4!) - 9 \times 7 & 35037 &:= -3^5 + (0! + 3!) \times 7! \\
 34512 &:= (3!! \times 4! - (5 - 1)!) \times 2 & 35077 &:= (-3! \times 5 + 0! + 7!) \times 7 \\
 34528 &:= (-3!! - 4 + (5 + 2)!) \times 8 & 35231 &:= (-3 + 52) \times (3!! - 1) \\
 34536 &:= 3! \times (-4 + (5 + 3) \times 6!) & 35268 &:= 3! \times (5! - 2 + 6! \times 8) \\
 34542 &:= (3!! \times 4! - 5 - 4) \times 2 & 35270 &:= -3 + (5 + 2) \times (7! - 0!) \\
 34544 &:= (3 \times 4! \times 5! - 4) \times 4 & 35272 &:= 3! + (5 + 2) \times (7! - 2) \\
 34545 &:= 3 \times (4 \times 5! \times 4! - 5) & 35273 &:= (-3!! + (5 \times 2)!) \times 7/3!! \\
 34550 &:= (3!! - 4! - 5) \times 50 & 35275 &:= (-3 + 5 \times 2) \times 7! + 5 \\
 34555 &:= 3 \times (-4! + 5!) \times 5! - 5 & 35277 &:= 3! + 5 + (-2 + 7!) \times 7 \\
 34557 &:= -3 + 4! \times 5! \times (5 + 7) & 35278 &:= 3! + (5 + 2) \times 7! - 8 \\
 \\
 34560 &:= (3 + 45) \times 6! + 0 & 35280 &:= -3!! \times (5 + 2) + 8! + 0 \\
 34561 &:= (3 + 45) \times 6! + 1 & 35281 &:= -3!! \times (5 + 2) + 8! + 1 \\
 34562 &:= (3 + 45) \times 6! + 2 & 35282 &:= -3!! \times (5 + 2) + 8! + 2 \\
 34563 &:= (3 + 45) \times 6! + 3 & 35283 &:= -3!! \times (5 + 2) + 8! + 3 \\
 34564 &:= (3 + 45) \times 6! + 4 & 35284 &:= -3!! \times (5 + 2) + 8! + 4 \\
 34565 &:= (3 + 45) \times 6! + 5 & 35285 &:= -3!! \times (5 + 2) + 8! + 5 \\
 34566 &:= (3 + 45) \times 6! + 6 & 35286 &:= -3!! \times (5 + 2) + 8! + 6 \\
 34567 &:= (3 + 45) \times 6! + 7 & 35287 &:= -3!! \times (5 + 2) + 8! + 7 \\
 34568 &:= (3 + 45) \times 6! + 8 & 35288 &:= -3!! \times (5 + 2) + 8! + 8 \\
 34569 &:= (3 + 45) \times 6! + 9 & 35289 &:= -3!! \times (5 + 2) + 8! + 9 \\
 \\
 34602 &:= (-3 + 4! \times (6! + 0!)) \times 2 & 35328 &:= (3!!/5 - 3!) \times 2^8 \\
 34632 &:= 3! \times (4 \times 6! + 3!) \times 2 & 35424 &:= (3 + 5!) \times 4!/2 \times 4! \\
 34648 &:= (3!! + 4 + 6!) \times 4! - 8 & 35477 &:= -3! + (5 + 4! + 7!) \times 7 \\
 34650 &:= (-3 - 4! + 6!) \times 50 & 35488 &:= (-3!! + 5! - 4) \times 8 + 8! \\
 34668 &:= 3! \times (4! - 6 + 6! \times 8) & 35672 &:= (3 + 5 + 6!) \times 7^2 \\
 34686 &:= -((3 - (4! + (6! \times 8)))) \times 6 & 35793 &:= 3 \times 97 \times (5! + 3) \\
 34688 &:= (3! \times (4 + 6!) - 8) \times 8 & 35850 &:= (3!! + 5 - 8) \times 50 \\
 34704 &:= (3!! + 4! + 7!) \times (-0! + 4)! & 35910 &:= (3!! \times 5 - 9) \times 10 \\
 34713 &:= (-3^4 + 7!) \times (1 + 3!) & 35928 &:= -3 \times 5! + 9!/(2 + 8) \\
 34727 &:= (-3^4 + 7! + 2) \times 7 & 35995 &:= 3!! \times (59 - 9) - 5 \\
 34752 &:= 3 \times 4^7 - 5!^2 & 36000 &:= 3! \times 6000 \\
 34773 &:= (-3 \times 4! + 7!) \times 7 - 3 & 36007 &:= 3!! + (6 + 0!) \times (0! + 7!) \\
 & & 36025 &:= (3!! + 6! + 0!) \times 25
 \end{aligned}$$

$$\begin{aligned}
 36049 &:= 3!! + (6! + 0!) \times 49 & 37748 &:= (-3!! + 77) \times 4 + 8! \\
 36050 &:= (3!! + (6 \times 0!)) \times 50 & 37752 &:= (3! + 7!/7) \times 52 \\
 36051 &:= -3!! + (6! + 0!) \times 51 & 37805 &:= -3 + 7! + 8^{05} \\
 36150 &:= (3 + 6!) \times 1 \times 50 & 37814 &:= 3! + 7! + 8^{1+4} \\
 36250 &:= (3 + 6! + 2) \times 50 & 38127 &:= -3! + 8! - (1 + 2)^7 \\
 36284 &:= (3 + 6)! / (2 + 8) - 4 & 38137 &:= 3 + 8! + 1 - 3^7 \\
 36432 &:= (3^6 \times 4! + 3!!) \times 2 & 38160 &:= 3!! \times (-8 + 1 + 60) \\
 36438 &:= (3! - 6^4 \times 3) + 8! & 38162 &:= -3!! + 8! + (1 - 6!) \times 2 \\
 36477 &:= (3 + (6! + 4!) \times 7) \times 7 & 38163 &:= 3 + 8! - 1 \times 6! \times 3 \\
 36550 &:= (3!! + 6 + 5) \times 50 & 38164 &:= 3!! + 8! + (1 - 6!) \times 4 \\
 36585 &:= -(3 + 6!) \times 5 + 8! - 5! & 38304 &:= -3!! + 8! - 3!^{04} \\
 36678 &:= 3!! - 6 \times (6! + 7) + 8! & 38368 &:= -3!! - 8^3 - 6! + 8! \\
 36720 &:= 3!! + 6! \times (7^2 + 0!) & 38394 &:= -3! + 8! - 3!!/9 \times 4! \\
 36744 &:= 3 \times 6! \times (-7 + 4!) + 4! & 38397 &:= -3 - 8!/3 + 9!/7 \\
 36748 &:= -3!! - (6! - 7) \times 4 + 8! & 38408 &:= (3! + 8)^4 - 0 - 8 \\
 36758 &:= 3 - (6! - 7) \times 5 + 8! & 38413 &:= (3! + 8)^4 - 1 \times 3 \\
 36864 &:= -3 \times 6! + 8! - 6^4 & 38415 &:= (3! + 8)^4 - 1^5 \\
 36984 &:= 3!!/6 + 9 \times 8^4 & 38416 &:= (3! + 8)^4 \times 1^6 \\
 37044 &:= (3 \times 7)^{-0!+4} \times 4 & 38417 &:= (3! + 8)^4 + 1^7 \\
 37296 &:= 37 \times 2 \times 9!/6! & 38424 &:= (3! + 8)^4 + 2 \times 4 \\
 37344 &:= (3!! \times (7 + 3!) - 4!) \times 4 & 38434 &:= (3! + 8)^4 - 3! + 4! \\
 37428 &:= -(3!! + 7! + 4!) / 2 + 8! & & \\
 37434 &:= -3! + 7! \times 4 + 3!! \times 4! & & \\
 37435 &:= (3! + 7) \times 4 \times 3!! - 5 & & \\
 & & 38440 &:= (3! + 8)^4 + 4! + 0 \\
 & & 38441 &:= (3! + 8)^4 + 4! + 1 \\
 37440 &:= 3!! \times (7 \times 4 + 4!) + 0 & 38442 &:= (3! + 8)^4 + 4! + 2 \\
 37441 &:= 3!! \times (7 \times 4 + 4!) + 1 & 38443 &:= (3! + 8)^4 + 4! + 3 \\
 37442 &:= 3!! \times (7 \times 4 + 4!) + 2 & 38444 &:= (3! + 8)^4 + 4! + 4 \\
 37443 &:= 3!! \times (7 \times 4 + 4!) + 3 & 38445 &:= (3! + 8)^4 + 4! + 5 \\
 37444 &:= 3!! \times (7 \times 4 + 4!) + 4 & 38446 &:= (3! + 8)^4 + 4! + 6 \\
 37445 &:= 3!! \times (7 \times 4 + 4!) + 5 & 38447 &:= (3! + 8)^4 + 4! + 7 \\
 37446 &:= 3!! \times (7 \times 4 + 4!) + 6 & 38448 &:= (3! + 8)^4 + 4! + 8 \\
 37447 &:= 3!! \times (7 \times 4 + 4!) + 7 & 38449 &:= (3! + 8)^4 + 4! + 9 \\
 37448 &:= 3!! \times (7 \times 4 + 4!) + 8 & & \\
 37449 &:= 3!! \times (7 \times 4 + 4!) + 9 & & \\
 & & 38437 &:= (3! + 8)^4 + 3 \times 7 \\
 & & 38479 &:= (3! + 8)^4 + 7 \times 9 \\
 37464 &:= (3! + 7) \times 4 \times 6! + 4! & 38525 &:= 3!! - 8! + 5^{2+5} \\
 37468 &:= (-3!! + 7) \times 4! / 6 + 8! & 38637 &:= -3 + 8! - 6! / 3 \times 7 \\
 37587 &:= 3^7 + 5! + 8! - 7! & 38638 &:= 3^8 \times 6 - 3!! - 8
 \end{aligned}$$

$$\begin{aligned}
 38664 &:= (3! + 8 \times 6) \times (6! - 4) \\
 38688 &:= -3 \times 8 \times 68 + 8! \\
 38694 &:= -3! + 8! - 6! \times 9/4 \\
 38736 &:= -(3 + 8)!/7! + 3!^6 \\
 38755 &:= -3!! + 8! - 7 \times 5! - 5
 \end{aligned}$$

$$\begin{aligned}
 38760 &:= -3!! + 8! - 7!/6 + 0 \\
 38761 &:= -3!! + 8! - 7!/6 + 1 \\
 38762 &:= -3!! + 8! - 7!/6 + 2 \\
 38763 &:= -3!! + 8! - 7!/6 + 3 \\
 38764 &:= -3!! + 8! - 7!/6 + 4 \\
 38765 &:= -3!! + 8! - 7!/6 + 5 \\
 38766 &:= -3!! + 8! - 7!/6 + 6 \\
 38767 &:= -3!! + 8! - 7!/6 + 7 \\
 38768 &:= -3!! + 8! - 7!/6 + 8 \\
 38769 &:= -3!! + 8! - 7!/6 + 9
 \end{aligned}$$

$$\begin{aligned}
 38793 &:= -3^8 + 7! \times 9 - 3! \\
 38799 &:= -3^8 + 7! + 9!/9 \\
 38808 &:= -3 \times 8!/80 + 8! \\
 38832 &:= -3! \times 8 + 8! - 3!! \times 2 \\
 38838 &:= 3! \times (-88 + 3^8) \\
 38874 &:= -3! + 8! - 8!/(7 \times 4) \\
 38880 &:= (-3!! + 8!/8) \times (8 + 0!) \\
 38889 &:= (-3!! + (8 + 8!)/8) \times 9 \\
 38928 &:= 3! \times (8 + 9 \times (-2 + 8)!) \\
 38955 &:= -3!! + 8! - (9 + 5!) \times 5 \\
 38970 &:= -3!! + 8! - 9 \times 70 \\
 39024 &:= 3! \times (9 \times (0! + 2)!! + 4!) \\
 39048 &:= (-3! \times 9 + 0!) \times 4! + 8! \\
 39096 &:= -3!! + (9 - 0!)! - 9!/6! \\
 39249 &:= (3!! + 9^2) \times 49 \\
 39318 &:= 3! \times (9^{3+1} - 8) \\
 39348 &:= -(3 + 9) \times 3^4 + 8! \\
 39360 &:= 3! \times (9 \times 3^6 - 0!) \\
 39384 &:= 3! \times (9 \times 3!! + 84) \\
 39402 &:= (3! + 9^4) \times (0! + 2)! \\
 39408 &:= 3! \times (9^4 - 0! + 8) \\
 39412 &:= (3^9 + 4! - 1) \times 2
 \end{aligned}$$

$$\begin{aligned}
 39438 &:= -3!! - 9 \times (4! - 3!) + 8! \\
 39456 &:= (3!! \times 9 - 4! + 5!) \times 6 \\
 39495 &:= 3! \times 9^4 + 9 + 5! \\
 39528 &:= -3!! + (-9 + (5 + 2)!) \times 8 \\
 39568 &:= -3 \times 9 - 5 - 6! + 8! \\
 39588 &:= -3 - 9^{-5+8} + 8!
 \end{aligned}$$

$$\begin{aligned}
 39600 &:= 3!! \times (9 \times 6 + 0!) + 0 \\
 39601 &:= 3!! \times (9 \times 6 + 0!) + 1 \\
 39602 &:= 3!! \times (9 \times 6 + 0!) + 2 \\
 39603 &:= 3!! \times (9 \times 6 + 0!) + 3 \\
 39604 &:= 3!! \times (9 \times 6 + 0!) + 4 \\
 39605 &:= 3!! \times (9 \times 6 + 0!) + 5 \\
 39606 &:= 3!! \times (9 \times 6 + 0!) + 6 \\
 39607 &:= 3!! \times (9 \times 6 + 0!) + 7 \\
 39608 &:= 3!! \times (9 \times 6 + 0!) + 8 \\
 39609 &:= 3!! \times (9 \times 6 + 0!) + 9
 \end{aligned}$$

$$\begin{aligned}
 39636 &:= 3!! + (9 \times 6! + 3!) \times 6 \\
 39680 &:= 3!!/9 - 6! + 8! + 0 \\
 39681 &:= 3!!/9 - 6! + 8! + 1 \\
 39682 &:= 3!!/9 - 6! + 8! + 2 \\
 39683 &:= 3!!/9 - 6! + 8! + 3 \\
 39684 &:= 3!!/9 - 6! + 8! + 4 \\
 39685 &:= 3!!/9 - 6! + 8! + 5 \\
 39686 &:= 3!!/9 - 6! + 8! + 6 \\
 39687 &:= 3!!/9 - 6! + 8! + 7 \\
 39688 &:= 3!!/9 - 6! + 8! + 8 \\
 39689 &:= 3!!/9 - 6! + 8! + 9
 \end{aligned}$$

$$\begin{aligned}
 39744 &:= (3! + 9 \times 7) \times 4! \times 4! \\
 39754 &:= -3! + (9! - 7!)/(5 + 4) \\
 39763 &:= 3 + (9! - 7!)/(6 + 3) \\
 39768 &:= ((3!! - 9) \times 7 - 6) \times 8 \\
 39784 &:= -3!!/9 \times 7 + 8! + 4! \\
 39799 &:= 39 + (-7! + 9!)/9 \\
 39816 &:= (3!! - 9) \times 8 \times (1 + 6) \\
 39828 &:= (3 - 9) \times 82 + 8!
 \end{aligned}$$

$$\begin{aligned}
39837 &:= ((3!! - 9) \times 8 + 3) \times 7 \\
39843 &:= 3^9 + 8! / (-4 + 3!) \\
39858 &:= -3! \times (9 \times 8 + 5) + 8! \\
39884 &:= -3! \times 9 \times 8 + 8! - 4 \\
39888 &:= -3 \times 9 \times (8 + 8) + 8! \\
39896 &:= 3!! / 9 + 8! - 9! / 6! \\
39924 &:= 3!! + 99^2 \times 4 \\
39948 &:= (3! - 99) \times 4 + 8! \\
40088 &:= 4! - (0! + 0!)^8 + 8! \\
40128 &:= (-4! + (0! + (1 + 2)!))! \times 8 \\
40199 &:= -(4 + 0!)! - 1 + 9! / 9 \\
40228 &:= -4 \times (0! + 22) + 8! \\
40248 &:= -(4 - 0!) \times 24 + 8! \\
40260 &:= (4 \times (0 + 2))! - 60 \\
40268 &:= -40 - 2 \times 6 + 8! \\
40270 &:= -(4! + 0!) \times 2 + (7 + 0!)! \\
40272 &:= 4 \times (-(0! + 2)! + 7!) \times 2 \\
40276 &:= 4 \times (0! + 2 \times (7! - 6)) \\
40278 &:= -40 - 2 + 7! \times 8 \\
40282 &:= -(4 - 0!)!^2 + 8! - 2 \\
40284 &:= -4! / 02 + 8! - 4! \\
40288 &:= 4 \times (0 \times 2 - 8) + 8! \\
40293 &:= (4 \times (0 + 2))! - 9 \times 3 \\
40295 &:= -4! - 0! + (2 \times (9 - 5))! \\
40296 &:= -4! - 0 + (2^{9-6})! \\
40298 &:= -40 + 2 \times 9 + 8! \\
40299 &:= -4! + 0! + 2 + 9! / 9 \\
40308 &:= -4 \times 03 + 08! \\
40310 &:= (4! / 03)! - 10 \\
40312 &:= 4 \times ((0! + 3!)! - 1) \times 2 \\
40313 &:= (4! / 03)! - 1 - 3! \\
40315 &:= (40 / (3! - 1))! - 5 \\
40317 &:= 4 \times 0 - 3 + (1 + 7)! \\
40318 &:= 4 \times 0 - 3 + 1 + 8! \\
40319 &:= (4! / 03)! - 1^9 \\
40332 &:= 4 \times (0 + 3) + (3! + 2)! \\
40335 &:= (4 + 0!) \times 3 + (3 + 5)! \\
40337 &:= 4! + (-0! + 3 \times 3)! - 7 \\
40338 &:= (4 + 0!) \times 3 + (3 + 8!) \\
40342 &:= 4! + 0! - 3 + (4 \times 2)! \\
40343 &:= 4! - 0! + ((3! - 4)^3)! \\
40344 &:= 4! - 0 / 3 + (4 + 4)! \\
40368 &:= ((4 - 0 + 3)! + 6) \times 8 \\
40372 &:= 4 \times (0! + (3! + 7!) \times 2) \\
40382 &:= 4^{03} + 8! - 2 \\
40383 &:= (4! - 0!) \times 3 + 8! - 3! \\
40384 &:= (4 + 0!)! / 3 + 8! + 4! \\
40386 &:= 4! \times (0 + 3) + 8! - 6 \\
40388 &:= 4 + ((0! + 3!)! + 8) \times 8 \\
40392 &:= 4 \times ((0! + 3!)! + 9) \times 2 \\
40398 &:= (4! - 0!) \times 3 + 9 + 8! \\
40399 &:= -(4 \times 0)! + (3!! + 9!) / 9 \\
40408 &:= 4 \times (-0! + 4! - 0!) + 8! \\
40428 &:= (4 \times (0! + (4! + 2))) + 8! \\
40435 &:= -4 - 0! + (4! / 3)! + 5! \\
40464 &:= (4 - 0 + 4)! + 6 \times 4! \\
40468 &:= 4 - 0 + 4! \times 6 + 8! \\
40480 &:= 40 \times 4 + 8! + 0 \\
40481 &:= 40 \times 4 + 8! + 1 \\
40482 &:= 40 \times 4 + 8! + 2 \\
40483 &:= 40 \times 4 + 8! + 3 \\
40484 &:= 40 \times 4 + 8! + 4 \\
40485 &:= 40 \times 4 + 8! + 5 \\
40486 &:= 40 \times 4 + 8! + 6 \\
40487 &:= 40 \times 4 + 8! + 7 \\
40488 &:= 40 \times 4 + 8! + 8 \\
40489 &:= 40 \times 4 + 8! + 9 \\
40528 &:= 4 \times (0 + 52) + 8! \\
40558 &:= (4 - 0!)^5 - 5 + 8! \\
40656 &:= ((4 - 0!)! + 6!) \times 56 \\
40688 &:= (40 + 6) \times 8 + 8! \\
40788 &:= (4 - 0!)! \times 78 + 8! \\
40829 &:= -4 + 0! + 8! + 2^9 \\
40838 &:= (4 - 0!)! + 8^3 + 8! \\
40848 &:= (4 - 0!)!! + 8! - 4! \times 8 \\
40879 &:= -(4 \times 0)! + 8! + 7! / 9 \\
40984 &:= 4! + (0! + 9) \times 8^4
\end{aligned}$$

$$\begin{aligned}
40986 &:= -(4 - 0!)! \times 9 + 8! + 6! & 43744 &:= 4 + 3^7 \times (4! - 4) \\
41035 &:= (4 \times (1 + 0!))! + 3!! - 5 & 43776 &:= 4! \times (-3 + 7)! \times 76 \\
41036 &:= -4 + ((1 + 0!)^3)! + 6! & 43856 &:= -4^3 + 8! + 5 \times 6! \\
41040 &:= (4 \times (1 + 0!))! + (4 - 0!)!! & 43965 &:= (4!/3)! + (9 + 6!) \times 5 \\
41064 &:= (4 \times (1 + 0!))! + 6! + 4! & 44298 &:= 442 \times 9 + 8! \\
41338 &:= 4^{-1+3!} - 3! + 8! & 44386 &:= -4! + 4^{3!} + 8! - 6 \\
41344 &:= 4^{-1+3!} + (4 + 4)! & 44416 &:= (4 + 4)! + 4^{1 \times 6} \\
41348 &:= 4^{-1+3!} + 4 + 8! & 44544 &:= 4! \times 4 \times (5! - 4) \times 4 \\
41448 &:= -4! + 1 \times 4!^4 / 8 & 44544 &:= 4! \times 4 \times (5! - 4) \times 4 \\
41472 &:= 4! \times 1 \times 4! \times 72 & 44628 &:= (4!/4) \times (6! - 2) + 8! \\
41616 &:= (4 - 1)!^6 - (1 + 6)! & 44635 &:= (4 + 4)! + 6 \times 3!! - 5 \\
41617 &:= (4 - 1)!^6 + 1 - 7! & 44640 &:= (4 + 4)! + 6 \times (4 - 0!)!! \\
41736 &:= (4 + 1)! - 7! + 3!^6 & 44652 &:= (4! + (4! + 6!) \times 5!) / 2 \\
41760 &:= (-4! + (-1 + 7)!) \times 60 & 44664 &:= (4 + 4)! + 6 \times (6! + 4) \\
42048 &:= 4!^2 \times (-0! + 4) + 8! & 44668 &:= 4 + (4 + 6!) \times 6 + 8! \\
42336 &:= (4 + 2)^{3!} - 3! \times 6! & 44688 &:= 4!/4 \times (6! + 8) + 8! \\
42648 &:= (4!^2 + 6) \times 4 + 8! & 44782 &:= -4! \times 4! + 7! + 8! - 2 \\
42984 &:= -4! + 2^9 \times 84 & 44784 &:= -4! \times (4! - (7! + 8!) / 4!) \\
43152 &:= (4! + (3!! - 1) \times 5!) / 2 & 44928 &:= 4^4 \times 9 \times 2 + 8! \\
43188 &:= 4 \times (3!! - 1) + 8! - 8 & 45056 &:= 4^{5+0!} \times (5 + 6) \\
43195 &:= 4 \times 3!! + (-1 + 9)! - 5 & 45125 &:= ((4! - (5! - 1))^2) \times 5 \\
43196 &:= -4 + 3!! \times (1 + 9) \times 6 & 45189 &:= (-4! + 5 + (-1 + 8)!) \times 9 \\
43199 &:= 4 \times 3!! - 1 + 9! / 9 & 45279 &:= -(4 + 5)^2 + 7! \times 9 \\
43204 &:= 4 + 3!! / 2 \times (0! + 4)! & 45297 &:= (4 + 5) \times (2 - 9 + 7!) \\
43205 &:= (4! \times 3!! / 2 + 0!) \times 5 & 45298 &:= -(4 + 5!) / 2 + 9! / 8 \\
43208 &:= 4 \times (3!! + 2) - 0 + 8! & 45306 &:= (4 + 5) \times ((3! + 0!)! - 6) \\
43224 &:= 4! + 3!!^2 \times 2 / 4! & 45315 &:= (4 + 5) \times ((3! + 1)! - 5) \\
43230 &:= (4! + 3!) \times (2 \times 3!! + 0!) & 45319 &:= 4 - ((5 - ((3! + 1)))!) \times 9 \\
43248 &:= 4 \times 3!! + 2 \times 4! + 8! & 45342 &:= (4 + 5) \times ((3 + 4)! - 2) \\
43260 &:= (4! + 3!^2) \times (6! + 0!) & 45355 &:= (4 + 5)! / (3 + 5) - 5 \\
43328 &:= 4 \times (3!! + 32) + 8! & 45356 &:= -4 + 5! \times 3 \times (5! + 6) \\
43452 &:= (4! + (3!! + 4) \times 5!) / 2 & 45360 &:= (4 + 5)! / (3 + 6 - 0!) \\
43562 &:= (4 + 3!! + 5! \times 6!) / 2 & 45362 &:= (4 + (5! + 3!) \times 6!) / 2 \\
43584 &:= ((4! + 3) \times 5! + 8!) + 4! & 45378 &:= (4 + 5) \times (-3! + 7! + 8) \\
43631 &:= (4!^3 + 6!) \times 3 - 1 & 45379 &:= 4 + 5 \times 3 + 7! \times 9 \\
43632 &:= (4!^3 + 6!) \times 3! / 2 & 45384 &:= (4! - 5 \times 3)! / 8 + 4! \\
43676 &:= (-4 + 3!!) \times (67 - 6) & 45387 &:= (4 + 5) \times 3 + 8! + 7! \\
43688 &:= 4^{3!} - 6! + 8! - 8 & 45398 &:= (4^5 - 3!! + 9!) / 8 \\
43740 &:= 4 \times 3^7 \times (4 + 0!) & 45576 &:= -4! + 5! \times 5 \times 76 \\
& & 45631 &:= -4^5 + 6^{3!} - 1
\end{aligned}$$

$$\begin{aligned}
 48964 &:= 4 \times (8 + 9) \times 6! + 4 \\
 48965 &:= 4 \times (8 + 9) \times 6! + 5 \\
 48966 &:= 4 \times (8 + 9) \times 6! + 6 \\
 48967 &:= 4 \times (8 + 9) \times 6! + 7 \\
 48968 &:= 4 \times (8 + 9) \times 6! + 8 \\
 48969 &:= 4 \times (8 + 9) \times 6! + 9
 \end{aligned}$$

$$\begin{aligned}
 49335 &:= (-4! + 93) \times (3!! - 5) \\
 49374 &:= (4! + 7!) \times 39/4 \\
 49456 &:= 49 \times (4^5) - 6!
 \end{aligned}$$

$$\begin{aligned}
 49680 &:= (4 + 9) \times 6! + 8! + 0 \\
 49681 &:= (4 + 9) \times 6! + 8! + 1 \\
 49682 &:= (4 + 9) \times 6! + 8! + 2 \\
 49683 &:= (4 + 9) \times 6! + 8! + 3 \\
 49684 &:= (4 + 9) \times 6! + 8! + 4 \\
 49685 &:= (4 + 9) \times 6! + 8! + 5 \\
 49686 &:= (4 + 9) \times 6! + 8! + 6 \\
 49687 &:= (4 + 9) \times 6! + 8! + 7 \\
 49688 &:= (4 + 9) \times 6! + 8! + 8 \\
 49689 &:= (4 + 9) \times 6! + 8! + 9
 \end{aligned}$$

$$\begin{aligned}
 49693 &:= 4 + 9 + 69 \times 3!! \\
 49723 &:= (4! \times 9 + 7)^2 - 3! \\
 49923 &:= ((-4 + 9)! + 9)^2 \times 3 \\
 50275 &:= -5! + (-0! + 2 \times 7!) \times 5 \\
 50375 &:= (-5 + (-0! + 3) \times 7!) \times 5 \\
 50395 &:= 5 \times (-0! + 3!! \times (9 + 5)) \\
 50653 &:= (-5 + (0! + 6)!/5!)^3 \\
 50688 &:= ((5 + 0!)^6 - 8!) \times 8 \\
 50745 &:= (5!/(0! + 7))^4 + 5! \\
 50769 &:= (-5! + 0! + 7! + 6!) \times 9 \\
 51373 &:= (5 + 1)! + 37^3 \\
 51425 &:= (5! + 1) \times 425 \\
 51686 &:= (-5! + 1 + 6!) \times 86
 \end{aligned}$$

$$51840 := 5! \times 18 \times 4! + 0$$

$$\begin{aligned}
 51841 &:= 5! \times 18 \times 4! + 1 \\
 51842 &:= 5! \times 18 \times 4! + 2 \\
 51843 &:= 5! \times 18 \times 4! + 3 \\
 51844 &:= 5! \times 18 \times 4! + 4 \\
 51845 &:= 5! \times 18 \times 4! + 5 \\
 51846 &:= 5! \times 18 \times 4! + 6 \\
 51847 &:= 5! \times 18 \times 4! + 7 \\
 51848 &:= 5! \times 18 \times 4! + 8 \\
 51849 &:= 5! \times 18 \times 4! + 9
 \end{aligned}$$

$$\begin{aligned}
 51960 &:= 5! + 1 \times 9!/(6 + 0!) \\
 51961 &:= 5! + 1 + 9!/(6 + 1) \\
 51968 &:= 5! + (1 + 9 \times 6!) \times 8 \\
 53376 &:= ((5 + 3)! + 3!^7)/6 \\
 53424 &:= 53 \times 42 \times 4! \\
 53448 &:= (5! + 3^{4+4}) \times 8 \\
 53557 &:= (-5 + 3!^5 - 5!) \times 7 \\
 53592 &:= (-5! + 3!^5) \times (9 - 2) \\
 53658 &:= (5! - 3) \times (-6 + 5!) + 8! \\
 53742 &:= (-5! + 3^7) \times (4! + 2) \\
 53883 &:= 5! + 3 + 8! + 8!/3 \\
 53886 &:= 5! + 3! + 8 \times 8!/6 \\
 54336 &:= 5! \times 4^3 + 3!^6 \\
 54375 &:= (5!/4! + 3!!) \times 75 \\
 54476 &:= (5! + 4!^4 - 7!)/6 \\
 54549 &:= (-5 + 4!) \times (5! \times 4! - 9) \\
 54644 &:= (-5 + 4!) \times (6! \times 4 - 4) \\
 54675 &:= (5 + 4 + 6!) \times 75 \\
 54678 &:= (5 - 4! + 6!) \times 78 \\
 54744 &:= (-5 \times 4! + 7^4) \times 4! \\
 54756 &:= 54 \times (7!/5 + 6) \\
 54869 &:= (-9! + 6^8)/4! + 5 \\
 55296 &:= (5!/5)^2 \times 96 \\
 55320 &:= -5! + (5 + 3)!/(2 + 0)!! \\
 55375 &:= -5! + (5 + 3!) \times (7! + 5) \\
 55680 &:= (-5!/5 + 6!) \times 80 \\
 56280 &:= 5! + 6! \times (-2 + 80) \\
 56448 &:= (5! + 6) \times 448 \\
 56544 &:= (5! - 6) \times (5! + 4) \times 4 \\
 56568 &:= 5! + (6^5 - 6!) \times 8
 \end{aligned}$$

$$\begin{aligned}
 56755 &:= (5 + 6) \times (7! + 5!) - 5 & 59764 &:= 5! + (9! - 7!)/6 + 4 \\
 56760 &:= (5 + 6) \times (7! + (6 - 0!))! & 59765 &:= 5! + (9! - 7!)/6 + 5 \\
 56950 &:= -5^6 + 9!/5 - 0! & 59766 &:= 5! + (9! - 7!)/6 + 6 \\
 56951 &:= -5^6 + 9!/5 \times 1 & 59767 &:= 5! + (9! - 7!)/6 + 7 \\
 57480 &:= -5! + (7 - 4)!! \times 80 & 59768 &:= 5! + (9! - 7!)/6 + 8 \\
 57504 &:= (-5 + 7^{5-0!}) \times 4! & 59769 &:= 5! + (9! - 7!)/6 + 9 \\
 57600 &:= 5 \times (7! + 6!) \times (0! + 0!) & & \\
 57602 &:= (5 \times (7! + 6!) + 0!) \times 2 & 59640 &:= -5! + 9!/6 - (4 - 0!)!! \\
 57624 &:= 5 \times (7! + 6!) \times 2 + 4! & 59664 &:= -5! + 9!/6 - 6! + 4! \\
 57625 &:= (5 + (7! + 6!) \times 2) \times 5 & 59755 &:= -5 + 9 \times 7! + 5! \times 5! \\
 57648 &:= (-5 + 7 + 6!) \times 4! + 8! & 59956 &:= (-5! + 9! - 9!/5!)/6 \\
 57960 &:= 5! \times 7 \times (9 + 60) & 59968 &:= (5! \times 9! - 9!)/6! - 8 \\
 57969 &:= (5! - 7) \times (9!/6! + 9) & 60359 &:= (9! - 5 - 3!! - 0!)/6 \\
 57974 &:= 5^7 + 9 - 7! \times 4 & 60432 &:= ((6 + 0!)! - 4) \times 3! \times 2 \\
 58325 &:= 5 + 8! + 3!! \times 25 & 60473 &:= -6 - 0! + 4 \times 7! \times 3 \\
 58344 &:= (-5 + 8)!! \times 3^4 + 4! & 60474 &:= -6 + (-0! + 4) \times 7! \times 4 \\
 58962 &:= (5! \times 8 - 9) \times 62 & 60475 &:= (6 + (-0! + 4)!) \times 7! - 5 \\
 58969 &:= (-(-5 + 8)!! + 9^6)/9 & & \\
 58995 &:= -(-5 + 8)! \times 9 + 9^5 & 60480 &:= (6 + 0!)! \times (4 + 8) + 0 \\
 59037 &:= -5 + 9^{-0!+3!} - 7 & 60481 &:= (6 + 0!)! \times (4 + 8) + 1 \\
 59042 &:= -5 + 9^{0!+4} - 2 & 60482 &:= (6 + 0!)! \times (4 + 8) + 2 \\
 59044 &:= -5 + 9^{(0 \times 4)!+4} & 60483 &:= (6 + 0!)! \times (4 + 8) + 3 \\
 59047 &:= 5 + 9^{0!+4} - 7 & 60484 &:= (6 + 0!)! \times (4 + 8) + 4 \\
 59052 &:= 2 + (5 \times 0)! + 9^5 & 60485 &:= (6 + 0!)! \times (4 + 8) + 5 \\
 59054 &:= 5 + 9^{(0 \times 5)!+4} & 60486 &:= (6 + 0!)! \times (4 + 8) + 6 \\
 59095 &:= 5 \times 9 + 0! + 9^5 & 60487 &:= (6 + 0!)! \times (4 + 8) + 7 \\
 59163 &:= 5! + 9^{-1+6} - 3! & 60488 &:= (6 + 0!)! \times (4 + 8) + 8 \\
 59169 &:= 5! + 9^6 \times 1/9 & 60489 &:= (6 + 0!)! \times (4 + 8) + 9 \\
 59319 &:= (5! + 9 \times (3!! - 1)) \times 9 & & \\
 59352 &:= (-5! + 9!/3!!) \times (5! - 2) & 60496 &:= ((6 - 0!)! - 4! + 9!)/6 \\
 59395 &:= (5! + 9 \times 3!!) \times 9 - 5 & 60593 &:= -6 - 0! + 5! + 9!/3! \\
 59395 &:= (5! + 9 \times 3!!) \times 9 - 5 & 60596 &:= (6! - (-0! + 5)! + 9!)/6 \\
 59554 &:= -5! + 9^5 + (5^4) & 60624 &:= 6 \times ((0! + 6)! \times 2 + 4!) \\
 59635 &:= -5! + 9!/6 - 3!! - 5 & 61285 &:= (6! + 1^2) \times 85 \\
 & & 62208 &:= 6^{2+0!} \times 8 \\
 & & 62436 &:= (62 + 4!) \times (3! + 6!) \\
 59760 &:= 5! + (9! - 7!)/6 + 0 & 62640 &:= 6! \times (2^6 + 4! - 0!) \\
 59761 &:= 5! + (9! - 7!)/6 + 1 & 62784 &:= 6 \times 2 \times (7! + 8 \times 4!) \\
 59762 &:= 5! + (9! - 7!)/6 + 2 & 63648 &:= 6 \times 3 \times 6^4 + 8! \\
 59763 &:= 5! + (9! - 7!)/6 + 3 & 63884 &:= (6 + 3!!) \times 88 - 4
 \end{aligned}$$

$$\begin{aligned}
 63985 &:= 6! \times (3!! - 9)/8 - 5 & 66144 &:= (-6! + (6! - 1) \times 4!) \times 4 \\
 63990 &:= ((6 - 3)!! - 9) \times 90 & 66234 &:= -6 + 6! \times 23 \times 4 \\
 64080 &:= 6! \times ((4 - 0)!!/8 - 0!) & 66240 &:= 6! \times (6 - 2) \times (4! - 0!) \\
 64096 &:= -6! + 4^{-0!+9} - 6! & 66246 &:= 6 + 6! \times 2 \times 46 \\
 64620 &:= 6!/4 \times (6!/2 - 0!) & 66248 &:= 6! - 6 - 2 + 4^8 \\
 64638 &:= (-6^4 + 6! \times 3!!)/8 & 66784 &:= 6^6 + (7! - 8) \times 4 \\
 64696 &:= (6! + 9!)/6 + 4^6 & 67534 &:= -6 + 7! + 5^{3!} \times 4 \\
 64776 &:= (6! - 4 + 7! + 7!) \times 6 & 67680 &:= (6 + 7!/6) \times 80 \\
 64784 &:= -6! + (4^7 - 8) \times 4 & 68352 &:= 2^5 \times 3 \times (-8 + 6!) \\
 64796 &:= -6! - 4 + 7! + 9!/6 & 68448 &:= (6! + 8) \times 4 + 4^8 \\
 64808 &:= -6! + 4^8 - 08 & 68544 &:= (6! - (8 - 5)!) \times 4! \times 4 \\
 64813 &:= (-6! + 4^8) \times 1 - 3 & 69255 &:= (6! + 9) \times (-25 + 5!) \\
 64815 &:= -6! + 4^8 - 1^5 & 69696 &:= 6 + (9 - 6)!! \times 96 \\
 64816 &:= (-6! + 4^8) \times 1^6 & 69696 &:= 6 + (9 - 6)!! \times 96 \\
 64817 &:= -6! + 4^8 + 1^7 & 69714 &:= -6! + (-9 + 7!) \times 14 \\
 64824 &:= -6! + 4^8 + 2 \times 4 & 69744 &:= 6! \times 97 - 4 \times 4! \\
 64834 &:= -6! + 4^8 - 3! + 4! & 69770 &:= 6! \times 97 - 70 \\
 64837 &:= -6! + 4^8 + 3 \times 7 & 69777 &:= -6! + (-9 + 7! + 7!) \times 7 \\
 & & 69786 &:= -6 \times (9 - 7!) + 8! - 6! \\
 & & 69795 &:= 6! \times 97 - 9 \times 5 \\
 & & 69835 &:= 6! \times 98 - 3!! - 5 \\
 & & 69840 &:= 6! \times (98 - (4 \times 0)!) \\
 & & 69864 &:= 6! \times 98 - 6! + 4! \\
 64840 &:= -6! + 4^8 + 4! + 0 & 69966 &:= -6! + 99 \times (6! - 6) \\
 64841 &:= -6! + 4^8 + 4! + 1 & 69984 &:= (6 - 9 + 9)^8/4! \\
 64842 &:= -6! + 4^8 + 4! + 2 & 70497 &:= ((7 + 0)!/4 - 9) \times 7 \\
 64843 &:= -6! + 4^8 + 4! + 3 & 70546 &:= (7! - 0!) \times (5 \times 4 - 6) \\
 64844 &:= -6! + 4^8 + 4! + 4 & 70560 &:= 70/5 \times (6 + 0)! \\
 64845 &:= -6! + 4^8 + 4! + 5 & 70584 &:= 7! \times (0! + 5 + 8) + 4! \\
 64846 &:= -6! + 4^8 + 4! + 6 & 71273 &:= 7 \times (-1 + 2 \times 7!) + 3!! \\
 64846 &:= -6! + 4^8 + 4! + 6 & 71568 &:= 71 \times (5! + 6) \times 8 \\
 64847 &:= -6! + 4^8 + 4! + 7 & 71993 &:= -7 + (1 + 99) \times 3!! \\
 64848 &:= -6! + 4^8 + 4! + 8 & 72035 &:= (7 + 20 \times 3!!) \times 5 \\
 64849 &:= -6! + 4^8 + 4! + 9 & 72350 &:= (7 + 2 \times 3!!) \times 50 \\
 & & 72538 &:= (7 + 2)!/5 - 38 \\
 64879 &:= -6! + 4^8 + 7 \times 9 & 72546 &:= (7 + 2)!/5 - 4! - 6 \\
 65248 &:= -6!/5 \times 2 + 4^8 & 72551 &:= ((7 + 2)! - 5!)/5 - 1 \\
 65507 &:= 65/5 \times (-0! + 7!) & 72556 &:= (7 + 2)!/5 - 5!/6 \\
 65520 &:= (6 + 5!) \times 520 & 72565 &:= (7 + 2)!/5 - 6 - 5 \\
 65544 &:= 6! \times (5! - 5 - 4!) + 4! & 72570 &:= (7 + 2)!/5 - 7 + 0! \\
 65664 &:= 6! \times 5! - (6 + 6)^4 & 72576 &:= (7 + 2)!/5 \times (7 - 6)
 \end{aligned}$$

$$\begin{aligned}
 72577 &:= (7 + 2)!/5 + 7/7 & 78352 &:= (-7 \times 8 + 3!!) \times (5! - 2) \\
 72582 &:= (7 + 2)!/5 + 8 - 2 & 78652 &:= 7 \times (8 + 6 - 5!)^2 \\
 72585 &:= (7 + 2) \times (5 + 8!)/5 & 79184 &:= (7! - 91) \times (-8 + 4!) \\
 72595 &:= 7 \times 2 + 5 + 9!/5 & 79335 &:= ((7! + 9) \times 3 + 3!!) \times 5 \\
 73085 &:= -7! + (3! - 0!)^8/5 & 80352 &:= (8! - (((0 + 3))!)/5) \times 2 \\
 73364 &:= (7 \times 3!)^3 - 6! - 4 & 80400 &:= (8! - ((0! + 4))!) \times (0! + 0!) \\
 73389 &:= (7! - 3 - 3!!) \times (8 + 9) & 80402 &:= (8! + (0! - ((4 + 0!)!)) \times 2 \\
 73433 &:= -7 + 34 \times 3 \times 3!! & 80424 &:= ((8! - ((0! + 4))!) \times 2) + 4! \\
 73435 &:= (-7! + 3!! \times 4!) \times 3! - 5 & 80448 &:= ((8!/(0 + 4)) - 4!) \times 8 \\
 73440 &:= (7! - 3!!) \times (4 \times 4 + 0!) & 80479 &:= (-8! + 0! - 4!) \times 7 + 9! \\
 73464 &:= (-7! + 3!! \times 4!) \times 6 + 4! & 80522 &:= (8! + 0! - 5!/2) \times 2 \\
 73745 &:= 7^3 \times (7!/4! + 5) & 80528 &:= 8! \times 2 - 5! + 08 \\
 74064 &:= 7! + 4 \times (-0! + 6!) \times 4! & 80532 &:= (8! - 0! - 53) \times 2 \\
 74164 &:= 7! + 4 \times (1 + 6! \times 4!) & 80572 &:= (8! + 0! - 5 \times 7) \times 2 \\
 74304 &:= 7! \times 4! - 3!^{(-0!+4)!} & 80592 &:= (8! - (0 - 5 + 9)!) \times 2 \\
 74431 &:= 7^4 \times (4! + 3! + 1) & 80622 &:= (8! - 0! - 6 - 2) \times 2 \\
 74688 &:= (7! - 4! - 6!) \times 8 + 8! & 80623 &:= (8! - 0! - 6) \times 2 - 3 \\
 75344 &:= 7! \times 5 \times 3 - 4^4 & 80624 &:= (8! - 06) \times 2 - 4 \\
 75375 &:= (7!/5 - 3) \times 75 & 80625 &:= (8! + 0! - 6) \times 2 - 5 \\
 75473 &:= -7 + 5 \times (-4! + 7! \times 3) & 80628 &:= 8! - 2 \times 6 - 0 + 8! \\
 75525 &:= (7! - 5) \times (5 - 2) \times 5 & 80629 &:= (8! - (0/6)!) \times 2 - 9 \\
 75543 &:= (7! \times 5 + 5 - 4!) \times 3 & 80630 &:= (8! + 0! - 6) \times (3 - 0!) \\
 75565 &:= (-7 + 5! \times (5! + 6)) \times 5 & 80632 &:= (8! - 0! - 6 + 3) \times 2 \\
 75578 &:= -7 - (5! - 5! \times 7!)/8 & 80634 &:= (8! - 0!) \times 6/3 - 4 \\
 75585 &:= (7! \times 5 - 5) \times (8 - 5) & 80635 &:= 8! \times (0 + 6/3) - 5 \\
 75595 &:= 7! \times (5!/5 - 9) - 5 & 80636 &:= (8! + 0!) \times 6/3 - 6 \\
 75600 &:= 7! \times 5 \times 6/(0! + 0!) & 80639 &:= 8! - 0! + (6 + 3)!/9 \\
 75603 &:= (7! \times 5 + (6 \times 0!)) \times 3 & & \\
 75615 &:= (7! - 5 + 6) \times 15 & 80640 &:= 8! \times (0 + 6 - 4) + 0 \\
 75624 &:= 7! \times 5 \times 6/2 + 4! & 80641 &:= 8! \times (0 + 6 - 4) + 1 \\
 75635 &:= 7 \times (5 + 6! \times 3 \times 5) & 80642 &:= 8! \times (0 + 6 - 4) + 2 \\
 75637 &:= 7 + 5 \times (6 + 3 \times 7!) & 80643 &:= 8! \times (0 + 6 - 4) + 3 \\
 75685 &:= (7! \times 5! + 6!)/8 - 5 & 80644 &:= 8! \times (0 + 6 - 4) + 4 \\
 75690 &:= (7! \times 5! + 6!)/(9 - 0!) & 80645 &:= 8! \times (0 + 6 - 4) + 5 \\
 76335 &:= (7 + 6!) \times 3 \times 35 & 80646 &:= 8! \times (0 + 6 - 4) + 6 \\
 76356 &:= -7! + (6! - 3!) \times (5! - 6) & 80647 &:= 8! \times (0 + 6 - 4) + 7 \\
 76608 &:= 7^6 - 6! - 0! - 8! & 80648 &:= 8! \times (0 + 6 - 4) + 8 \\
 76609 &:= 7^6 - 6! - (-0! + 9)! & 80649 &:= 8! \times (0 + 6 - 4) + 9 \\
 77634 &:= (-7 + 7! - 6!) \times (-3! + 4!) & & \\
 78047 &:= -78 + (0! + 4)^7 & 80652 &:= (8! + (0/6)! + 5) \times 2
 \end{aligned}$$

$$80662 := (8! - 0! + 6 + 6) \times 2$$

$$80664 := 8! \times (0! + 6/6) + 4!$$

$$80682 := (8 - 0!) \times 6 + (8! \times 2)$$

$$80688 := 8 \times (0 + 6) + (8! + 8!)$$

$$80784 := (4! - 8) \times (7! + 0! + 8)$$

$$80784 := (8 + 0! + 7!) \times (-8 + 4!)$$

$$80792 := 8 \times (0! + (7! + 9) \times 2)$$

$$80800 := (80 + 8!) \times (0! + 0!)$$

$$80802 := (8! + 0! + 80) \times 2$$

$$80824 := (80 + 8!) \times 2 + 4!$$

$$81360 := 8! \times (-1 + 3) + 6! + 0$$

$$81361 := 8! \times (-1 + 3) + 6! + 1$$

$$81362 := 8! \times (-1 + 3) + 6! + 2$$

$$81363 := 8! \times (-1 + 3) + 6! + 3$$

$$81364 := 8! \times (-1 + 3) + 6! + 4$$

$$81365 := 8! \times (-1 + 3) + 6! + 5$$

$$81366 := 8! \times (-1 + 3) + 6! + 6$$

$$81367 := 8! \times (-1 + 3) + 6! + 7$$

$$81368 := 8! \times (-1 + 3) + 6! + 8$$

$$81369 := 8! \times (-1 + 3) + 6! + 9$$

$$81355 := -(8 - 1)! + 3!! \times 5! - 5$$

$$81384 := 8! + (1 \times 3)!! + 8! + 4!$$

$$82082 := ((8 - 2)! + 0! + 8!) \times 2$$

$$82086 := 8 + 2 \times (-0! + 8! + 6!)$$

$$82560 := 8 \times (2 \times (5! + (6 + 0!)!))$$

$$82656 := (-8^2 + 6!) \times (5! + 6)$$

$$83157 := -8 + (3! + 1)! + 5^7$$

$$83232 := (8! + 3!^{-2+3!}) \times 2$$

$$83304 := (8 - 3!!) \times (3 - (0! + 4)!)!$$

$$83456 := -8^{3!} + 4 \times 5! \times 6!$$

$$83488 := (-8 + 3!!) \times 4 + 8! + 8!$$

$$83520 := 8! + 3 \times 5!^2 + 0$$

$$83521 := 8! + 3 \times 5!^2 + 1$$

$$83522 := 8! + 3 \times 5!^2 + 2$$

$$83523 := 8! + 3 \times 5!^2 + 3$$

$$83524 := 8! + 3 \times 5!^2 + 4$$

$$83525 := 8! + 3 \times 5!^2 + 5$$

$$83526 := 8! + 3 \times 5!^2 + 6$$

$$83527 := 8! + 3 \times 5!^2 + 7$$

$$83528 := 8! + 3 \times 5!^2 + 8$$

$$83529 := 8! + 3 \times 5!^2 + 9$$

$$83534 := 8 + 3! + 5! \times (3!! - 4!)$$

$$83640 := (8 - 3)! \times (6! - 4! + 0!)$$

$$83755 := (-8!/3!! + 7^5) \times 5$$

$$83957 := 8 \times (3!! + 9) + 5^7$$

$$84050 := (8!/4! + 0!) \times 50$$

$$85448 := 8 + 5! \times ((4!/4)! - 8)$$

$$85560 := -8 \times 5! + 5! \times (6! + 0!)$$

$$85568 := 8 + 5! + 5! \times (6! - 8)$$

$$85573 := 8 + 5 + 5! \times (-7 + 3!!)$$

$$85664 := 8 + 5! \times (6! - 6) - 4!$$

$$85666 := -8 + 5! \times (6! - 6) - 6$$

$$85675 := (-8 + 5!) \times 6! + 7! - 5$$

$$85679 := 8! + 5 - 6 + 7! \times 9$$

$$85680 := (-8 + 5!) \times 6! + (8 - 0!)!$$

$$85705 := -8! + 5 \times (7! + 0!) \times 5$$

$$85739 := 8! + 5 + (7! + 3!) \times 9$$

$$85795 := 8! + 5! + 7! \times 9 - 5$$

$$86151 := (-8 + 6!) \times (1 + 5!) - 1$$

$$86152 := (-8 + 6!) \times (-1 + 5! + 2)$$

$$86256 := 8! - 6! + (-2 + 5)!^6$$

$$86314 := -86 + 3!! \times (1 + 4)!$$

$$86351 := -8 \times 6 + 3!! \times 5! - 1$$

$$86352 := -8 \times 6 + 3! \times 5!^2$$

$$86356 := -8 - 6 \times 3! + 5! \times 6!$$

$$86384 := 8 + 6! \times (-3 + 8)! - 4!$$

$$86386 := -8 + 6! \times (-3 + 8)! - 6$$

$$86395 := 8 \times 6! \times (3! + 9) - 5$$

$$86397 := 8! + 6! - 3 + 9 \times 7!$$

$$86400 := (8! + 6! \times 4) \times (0! + 0!)$$

$$86402 := (8! + 6! \times 4 + 0!) \times 2$$

$$86404 := 8 + 6! \times (4 + 0!)! - 4$$

$$86408 := 8 + 6! \times (40/8)!$$

$$86424 := (8! + 6! \times 4) \times 2 + 4!$$

$$86440 := (8 + 6! \times 4!) \times (4 + 0!)$$

$$86456 := -8 + 64 + 5! \times 6!$$

$$86475 := (8 + 6! \times 4! + 7) \times 5$$

$$86506 := -8 - 6 + 5! \times (0! + 6!)$$

$$86528 := (-8 + 6! + 5!)^2 / 8$$

$$86584 := -8 + (6! \times 5 + 8) \times 4!$$

$$86632 := -8 + 6! / 6 \times (3!! + 2)$$

$$86640 := (8 - 6 + 6!) \times (4 + 0!)!$$

$$86968 := 8! + 6^{9-6!} - 8$$

$$86976 := 8! + (6 / (9 - 7))!^6$$

$$87352 := -8 + 7! / 3 \times 52$$

$$87355 := (8! / 7! + 3!!) \times 5! - 5$$

$$87360 := 8! \times (7 + 3!) / 6 + 0$$

$$87361 := 8! \times (7 + 3!) / 6 + 1$$

$$87362 := 8! \times (7 + 3!) / 6 + 2$$

$$87363 := 8! \times (7 + 3!) / 6 + 3$$

$$87364 := 8! \times (7 + 3!) / 6 + 4$$

$$87365 := 8! \times (7 + 3!) / 6 + 5$$

$$87366 := 8! \times (7 + 3!) / 6 + 6$$

$$87367 := 8! \times (7 + 3!) / 6 + 7$$

$$87368 := 8! \times (7 + 3!) / 6 + 8$$

$$87369 := 8! \times (7 + 3!) / 6 + 9$$

$$87384 := 8! \times 7 / 3! + 8! + 4!$$

$$87536 := 8 \times 7 + 5! \times 3^6$$

$$88704 := (88 \times 7!) / (0! + 4)$$

$$88832 := (8! + 8 \times 8^3) \times 2$$

$$89474 := 8 + (9! + 4! - 7!) / 4$$

$$90494 := (-904 + 9!) / 4$$

$$90534 := (9! - (-0! + 5!) - 3!!) / 4$$

$$90540 := (9! - (0! + 5!)!) / 4 + 0$$

$$90541 := (9! - (0! + 5!)!) / 4 + 1$$

$$90542 := (9! - (0! + 5!)!) / 4 + 2$$

$$90543 := (9! - (0! + 5!)!) / 4 + 3$$

$$90544 := (9! - (0! + 5!)!) / 4 + 4$$

$$90545 := (9! - (0! + 5!)!) / 4 + 5$$

$$90546 := (9! - (0! + 5!)!) / 4 + 6$$

$$90547 := (9! - (0! + 5!)!) / 4 + 7$$

$$90548 := (9! - (0! + 5!)!) / 4 + 8$$

$$90549 := (9! - (0! + 5!)!) / 4 + 9$$

$$90594 := (-9! / (0! + 5!) + 9!) / 4$$

$$90675 := 9 \times ((0! + 6!) + 7! - 5)$$

$$90702 := 9 \times (-0! + 7!) \times 02$$

$$90711 := 9 \times (-0! + 7! \times (1 + 1))$$

$$90719 := 90 \times 7! - 1 - 9!$$

$$90720 := 9 \times 07! \times 2 + 0$$

$$90721 := 9 \times 07! \times 2 + 1$$

$$90722 := 9 \times 07! \times 2 + 2$$

$$90723 := 9 \times 07! \times 2 + 3$$

$$90724 := 9 \times 07! \times 2 + 4$$

$$90725 := 9 \times 07! \times 2 + 5$$

$$90726 := 9 \times 07! \times 2 + 6$$

$$90727 := 9 \times 07! \times 2 + 7$$

$$90728 := 9 \times 07! \times 2 + 8$$

$$90729 := 9 \times 07! \times 2 + 9$$

$$90732 := (9 \times 07! + 3!) \times 2$$

$$90734 := (9! + (0! + 7!) / 3!!) / 4$$

$$90738 := 9 \times (0! + 7!) \times (-3! + 8)$$

$$90738 := 9 \times (0! + 7!) \times (-3! + 8)$$

$$90744 := 9! / (0 \times 7 + 4) + 4!$$

$$90747 := 9 \times (-0! + 7! + 4 + 7!)$$

$$91435 := 9! \times 1 / 4 + 3!! - 5$$

$$91440 := 9! \times 1 / 4 + (4 - 0!)!!$$

$$91446 := (9! \times 1 + 4!) / 4 + 6!$$

$$91449 := 9! / 4 + (4 - 1)!! + 9$$

$$91464 := 9! \times 1 / 4 + 6! + 4!$$

$$91744 := (9! + (1 + 7)^4) / 4$$

$$92364 := (9 + (2 + 3)!) \times (6! - 4)$$

$$93303 := -9 + 3!^{3!+0!} / 3$$

$$93312 := (9 - 3)^{3!} \times 1 \times 2$$

$$93320 := 9 + 3!^{3!} \times 2 - 0!$$

$$93321 := 9 + 3!^{3!} \times 2 \times 1$$

$$93325 := (9 + 3!^{3!}) \times 2 - 5$$

$$\begin{aligned}
 93330 &:= (9 + 3!^{3!}) \times (3 - 0!) & 95237 &:= (9 + 5! + 2) \times (3!! + 7) \\
 93342 &:= (-9 + 3!^{3!} + 4!) \times 2 & 95755 &:= 95 \times 7!/5 - 5 \\
 93591 &:= -9 + 3!! \times (5! + 9 + 1) & 95760 &:= 95 \times 7!/(6 - 0!) \\
 93744 &:= 9!/3!! \times (7!/4! - 4!) & 96759 &:= 96 \times 7!/5 - 9 \\
 94315 &:= 9!/4 + (3!! - 1) \times 5 & 97792 &:= 9 + 7^7 - 9! \times 2 \\
 94335 &:= 9!/4 + (3 + 3!!) \times 5 & 98304 &:= 9 \times 8^3!/04! \\
 94365 &:= 9!/4 + 3^6 \times 5 & 98313 &:= 9 + 8^{3!-1} \times 3 \\
 94494 &:= (9!/4! - 4! + 9!)/4 & 98334 &:= (9 \times 8^3! + 3!!)/4! \\
 94751 &:= 94 \times 7!/5 - 1 & 98503 &:= (9 + 8 + 5!) \times (-0! + 3!!) \\
 94751 &:= 94 \times 7!/5 - 1 & 99369 &:= (9! + 9^{(-3+6)!})/9 \\
 94848 &:= (9 + 4!) \times 8^4 - 8! \\
 94976 &:= 9! - 4^9 - 7! - 6!
 \end{aligned}$$

4 Square-Root-Type Selfie Numbers

This section bring **selfie numbers** in digit's order using **basic operations** with **square-root**. In this section, the results are limited up to 6 digits.

$$\begin{aligned}
 729 &:= (7 + 2)^{\sqrt{9}} & 13823 &:= -1 + (3 \times \sqrt{8^2})^3 \\
 1764 &:= (1 \times 7 \times 6)^{\sqrt{4}} & 13824 &:= \sqrt{(1 \times 3 \times 8)^{2+4}} \\
 2378 &:= -23 + \sqrt{7^8} & 15544 &:= ((1 + 5)^5 - 4) \times \sqrt{4} \\
 2744 &:= \sqrt{(2 \times 7)^{\sqrt{4+4}}} & 15546 &:= (1 + 5)^5 \times \sqrt{4} - 6 \\
 2746 &:= 2 + \sqrt{(7 \times \sqrt{4})^6} & 15549 &:= (1 + 5)^5 \times \sqrt{4} - \sqrt{9} \\
 3645 &:= 3\sqrt{\sqrt{6^4}} \times 5 & 15564 &:= ((1 + 5)^5 + 6) \times \sqrt{4} \\
 4372 &:= \sqrt{4} \times 3^7 - 2 & 15627 &:= -1 + 5^6 + \sqrt{2 + 7} \\
 4374 &:= 4 \times 3^7/\sqrt{4} & 15628 &:= 1 + 5^6 + \sqrt{\sqrt{2 \times 8}} \\
 4913 &:= (\sqrt{4} \times 9 - 1)^3 & 15629 &:= -1 + 5^6 + 2 + \sqrt{9} \\
 5184 &:= \sqrt{(5 + 1)^8} \times 4 & 15634 &:= 1 \times 5^6 + \sqrt{3^4} \\
 6495 &:= (6^4 + \sqrt{9}) \times 5 & 15674 &:= 1 \times 5^6 + \sqrt{7^4} \\
 6859 &:= (6 + 8 + 5)^{\sqrt{9}} & 16791 &:= -16 + \sqrt{7^{9+1}} \\
 8192 &:= 8^{1+\sqrt{9}} \times 2 & 16807 &:= \sqrt{(1 + 6)^8} \times 07 \\
 11495 &:= \sqrt{11^4} \times 95 & 16849 &:= 1 + \sqrt{6^8} \times (4 + 9) \\
 12288 &:= \sqrt{(1 + 2)^2 \times 8^8} & 17459 &:= 17 \times (4^5 + \sqrt{9}) \\
 & & 17496 &:= (-1 + 7) \times 4 \times \sqrt{9^6} \\
 & & 19454 &:= 19 \times 4^5 - \sqrt{4} \\
 & & 19459 &:= 19 \times 4^5 + \sqrt{9}
 \end{aligned}$$

$$19682 := -1 + \sqrt{\sqrt{\sqrt{96 \times (8-2)}}$$

$$19684 := 1 + \sqrt{9 \left(\sqrt{\sqrt{6^8}} \right) / 4}$$

$$19699 := 1 + 9 + 6 + \sqrt{9^9}$$

$$24389 := (24 - 3 + 8)^{\sqrt{9}}$$

$$26244 := \left(2 \times (6/2)^4 \right)^{\sqrt{4}}$$

$$26995 := (2 \times (6 + 9))^{\sqrt{9}} - 5$$

$$26998 := -2 + (6 + 9)^{\sqrt{9}} \times 8$$

$$27648 := 2^7 \times \sqrt{6^{-\sqrt{4}+8}}$$

$$28671 := \sqrt{(2 \times 8)^6 \times 7} - 1$$

$$28672 := \sqrt{(2 \times 8)^6 \times \sqrt{7^2}}$$

$$28674 := \sqrt{(2 \times 8)^6 \times 7} + \sqrt{4}$$

$$29281 := 2 \times \sqrt{(9 + 2)^8} - 1$$

$$29284 := 2 + \sqrt{(9 + 2)^8 \times 4}$$

$$29435 := \sqrt{29^4} \times 35$$

$$29584 := \left(-2 + \sqrt{9} \times 58 \right)^{\sqrt{4}}$$

$$31684 := (31 \times 6 - 8)^{\sqrt{4}}$$

$$32684 := \sqrt{32^6} - 84$$

$$32774 := \left(3 + 2^{7+7} \right) \times \sqrt{4}$$

$$32849 := \sqrt{9^4} + 8^{2+3}$$

$$34295 := \left(3 + 4^2 \right)^{\sqrt{9}} \times 5$$

$$34445 := \left(3^4 + \sqrt{4} \right)^{\sqrt{4}} \times 5$$

$$34992 := 3 \times \left(4 \times 9 \times \sqrt{9} \right)^2$$

$$35945 := 35 \times \left(\sqrt{9} + 4^5 \right)$$

$$36450 := 3^{\sqrt{\sqrt{6^4}}} \times 50$$

$$36864 := (3 + 6) \times 8^{(6-\sqrt{4})}$$

$$36882 := (3 + 6) \times \left(\sqrt{8^8} + 2 \right)$$

$$37485 := \sqrt{(3 \times 7)^4} \times 85$$

$$38475 := \sqrt{3^8} \times 475$$

$$39364 := 3^9 / 3 \times 6 - \sqrt{4}$$

$$39374 := \left(3^9 - 3 + 7 \right) \times \sqrt{4}$$

$$39384 := 3 \times \left(\sqrt{9} + 3^8 \right) \times \sqrt{4}$$

$$39494 := \left(3^9 + 4^{\sqrt{9}} \right) \times \sqrt{4}$$

$$42873 := -\sqrt{4} + (28 + 7)^3$$

$$42879 := 4 + (28 + 7)^{\sqrt{9}}$$

$$43264 := 4^3 \times \sqrt{26^4}$$

$$44944 := (4 \times (49 + 4))^{\sqrt{4}}$$

$$45357 := -\sqrt{4^{5 \times 3}} + 5^7$$

$$45945 := \left(4^5 - \sqrt{9} \right) \times 45$$

$$46627 := -\sqrt{4} + 6^6 - 27$$

$$46629 := \sqrt{4} + 6^6 - 29$$

$$46636 := -\sqrt{4} + 6^6 - 3 \times 6$$

$$46637 := \sqrt{4} + 6^6 - 3 \times 7$$

$$46642 := \sqrt{4} + 6^6 - 4^2$$

$$46645 := -4 + 6^6 - \sqrt{4} - 5$$

$$46646 := \sqrt{4} + 6^6 - \sqrt{4} \times 6$$

$$46647 := \sqrt{4} + 6^6 - 4 - 7$$

$$46649 := 4 + 6^6 - \sqrt{4} - 9$$

$$46654 := \sqrt{4} + 6 \times 6^5 - 4$$

$$46658 := \sqrt{4} + (6 \times 6)^{-5+8}$$

$$46660 := 4 + 6^{\sqrt{6 \times 6}} + 0$$

$$46661 := 4 + 6^{\sqrt{6 \times 6}} + 1$$

$$46662 := 4 + 6^{\sqrt{6 \times 6}} + 2$$

$$46663 := 4 + 6^{\sqrt{6 \times 6}} + 3$$

$$46664 := 4 + 6^{\sqrt{6 \times 6}} + 4$$

$$46665 := 4 + 6^{\sqrt{6 \times 6}} + 5$$

$$46666 := 4 + 6^{\sqrt{6 \times 6}} + 6$$

$$46667 := 4 + 6^{\sqrt{6 \times 6}} + 7$$

$$46668 := 4 + 6^{\sqrt{6 \times 6}} + 8$$

$$46669 := 4 + 6^{\sqrt{6 \times 6}} + 9$$

$$46672 := \sqrt{4} + 6^6 + 7 \times 2$$

$$\begin{aligned}
 46674 &:= 4 + 6^6 + 7 \times \sqrt{4} \\
 46679 &:= \sqrt{4} + 6^6 + 7 \times \sqrt{9} \\
 46694 &:= \sqrt{4} + 6^6 + 9 \times 4 \\
 48729 &:= 4^8 - 7^{(2+\sqrt{9})} \\
 49147 &:= -\sqrt{4} + \sqrt{9} \times (-1 + 4^7) \\
 49575 &:= \sqrt{4^{\sqrt{9} \times 5}} + 7^5 \\
 49928 &:= (\sqrt{4} - 9 \times 9)^2 \times 8 \\
 51840 &:= \sqrt{(5+1)^8} \times 40 \\
 52822 &:= \sqrt{(5+2)^8} \times 22 \\
 54675 &:= \sqrt{(5+4)^6} \times 75 \\
 56644 &:= (\sqrt{5^6} - 6)^{\sqrt{4}} \times 4 \\
 58991 &:= -58 + \sqrt{99+1} \\
 59054 &:= 5 + 9\sqrt{\sqrt{05^4}} \\
 59319 &:= (5 + \sqrt{9} + 31)^{\sqrt{9}} \\
 64006 &:= 6 + \sqrt{40^06} \\
 64950 &:= (6^4 + \sqrt{9}) \times 50 \\
 68644 &:= (6 + \sqrt{8^6/4})^{\sqrt{4}} \\
 69978 &:= -6 + \sqrt{(9+9)^7} \times 8 \\
 69984 &:= (6 \times \sqrt{9})^{\sqrt{9}} \times (8+4) \\
 72688 &:= 7 \times (2 + \sqrt{6^8}) \times 8 \\
 73984 &:= ((7 + 3 \times 9) \times 8)^{\sqrt{4}} \\
 74431 &:= 7^{\sqrt{4 \times 4}} \times 31 \\
 75168 &:= (7 + 51) \times \sqrt{6^8} \\
 81920 &:= 8^{(1+\sqrt{9})} \times 20 \\
 82944 &:= 8/2 \times (\sqrt{9} \times 4)^4 \\
 84672 &:= \sqrt{(8+4)^6} \times 7^2 \\
 85176 &:= -8 + \sqrt{(51-7)^6} \\
 85734 &:= (-8 + (5 \times 7)^3) \times \sqrt{4} \\
 98286 &:= \sqrt{9} \times (\sqrt{8^{2+8}} - 6) \\
 98297 &:= \sqrt{9} \times 8^{2+\sqrt{9}} - 7 \\
 98304 &:= \sqrt{9} \times 8^{3+\sqrt{04}} \\
 98328 &:= \sqrt{9} \times (8^{3+2} + 8) \\
 98385 &:= \sqrt{\sqrt{9^8}} + 3 \times 8^5 \\
 98598 &:= \sqrt{9} \times (8^5 + 98) \\
 102487 &:= \sqrt{(10 + 2/\sqrt{4})^8} \times 7 \\
 104964 &:= -10 - \sqrt{4} + (\sqrt{9} \times 6)^4 \\
 104976 &:= (10 - \sqrt{4}) \times \sqrt{9^7} \times 6 \\
 106929 &:= (106 + \sqrt{9})^2 \times 9 \\
 114677 &:= -11 - (\sqrt{4} - 6)^7 \times 7 \\
 114687 &:= -1 \times 1 + \sqrt{4^{6+8}} \times 7 \\
 114950 &:= \sqrt{11^4} \times 950 \\
 116424 &:= 11 \times 6 \times \sqrt{42^4} \\
 116645 &:= (1 \times 1 + 6^6/\sqrt{4}) \times 5 \\
 116964 &:= (116 \times \sqrt{9} - 6)^{\sqrt{4}} \\
 117572 &:= -(11 - 7^5) \times \sqrt{7^2} \\
 117574 &:= (-11 + 7^5) \times 7 + \sqrt{4} \\
 117640 &:= -11 + 7^6 + \sqrt{4} + 0 \\
 117646 &:= 1 + 1 \times 7^6 + \sqrt{4} - 6 \\
 117659 &:= 1 + 1 + 7^6 + 5 + \sqrt{9} \\
 117661 &:= 11 + 7^{\sqrt{6 \times 6}} + 1 \\
 117664 &:= 11 + 7^6 + 6 - \sqrt{4} \\
 117665 &:= 11 + 7^{\sqrt{6 \times 6}} + 5 \\
 117666 &:= 11 + 7^6 + \sqrt{6 \times 6} \\
 117667 &:= 11 + 7^{\sqrt{6 \times 6}} + 7 \\
 117668 &:= 11 + 7^{\sqrt{6 \times 6}} + 8 \\
 117669 &:= 11 + 7^6 + 6 + \sqrt{9} \\
 117674 &:= 11 + 7^6 + 7 \times \sqrt{4} \\
 117676 &:= \sqrt{\sqrt{(1+1+7)^6}} + 7^6 \\
 117726 &:= 11 \times 7 + \sqrt{7^2 \times 6}
 \end{aligned}$$

$$\begin{aligned}
 117764 &:= 117 + 7^6 - \sqrt{4} \\
 117766 &:= 117 + 7^{\sqrt{6 \times 6}} \\
 117769 &:= 117 + 7^6 + \sqrt{9} \\
 117996 &:= 1 \times (-17 + \sqrt{99}) \times 6 \\
 118098 &:= 1 \times 18 \times \sqrt{0 + 9^8} \\
 124413 &:= (12^4 \times \sqrt{4} - 1) \times 3 \\
 124416 &:= 12^4 \times (4 + \sqrt{\sqrt{16}}) \\
 124419 &:= (12^4 \times \sqrt{4} + 1) \times \sqrt{9} \\
 124428 &:= (12^4 + \sqrt{4}) \times (-2 + 8) \\
 124852 &:= \sqrt{(1 - 2 \times 4)^8} \times 52 \\
 124856 &:= -\sqrt{12^4} + 8 \times 5^6 \\
 124995 &:= (1^2 + 49)^{\sqrt{9}} - 5 \\
 124999 &:= -1 + (-2 + 49 + \sqrt{9})^{\sqrt{9}} \\
 129375 &:= (12^{\sqrt{9}} - 3) \times 75 \\
 131074 &:= (-1 + 3)^{10+7} + \sqrt{4} \\
 132519 &:= -132 + 51^{\sqrt{9}} \\
 136462 &:= (\sqrt{13^6} + 4) \times 62 \\
 136857 &:= \sqrt{(13 - 6)^8} \times 57 \\
 137781 &:= 1 \times 3^7 \times 7 \times \sqrt{81} \\
 137979 &:= (1 + (3^7 + \sqrt{9}) \times 7) \times 9 \\
 138915 &:= (13 + 8)^{\sqrt{9}} \times 15 \\
 139953 &:= (((1 + 3) \times 9)^{\sqrt{9}} - 5) \times 3 \\
 139972 &:= 1 + 3 + (9 - \sqrt{9})^7 / 2 \\
 143749 &:= 1 + 4 \times (37 - 4)^{\sqrt{9}} \\
 147438 &:= 1 \times (4^7 - \sqrt{4}) \times \sqrt{\sqrt{3^8}} \\
 147439 &:= 1 + (4^7 - \sqrt{4}) \times 3 \times \sqrt{9} \\
 147454 &:= 1 \times 4^7 \times (4 + 5) - \sqrt{4} \\
 147456 &:= 1 \times 4^7 \times (\sqrt{4 + 5} + 6) \\
 147459 &:= 1 \times 4^7 \times (4 + 5) + \sqrt{9} \\
 147465 &:= (1 + 4^7) \times (-\sqrt{4} + 6 + 5) \\
 147474 &:= (1 \times 4^7 + \sqrt{4}) \times (7 + \sqrt{4}) \\
 147492 &:= 1 \times (4^7 + 4) \times \sqrt{9^2} \\
 147493 &:= 1 + (4^7 + 4) \times \sqrt{9} \times 3 \\
 147494 &:= 1 \times (4^7 + 4) \times 9 + \sqrt{4} \\
 148862 &:= \sqrt{\sqrt{(1 + 48)^8} \times 62} \\
 148945 &:= ((-1 + 4 \times 8)^{\sqrt{9}} + \sqrt{4}) \times 5 \\
 148955 &:= (-1 + 4 \times 8)^{\sqrt{9}} \times \sqrt{5 \times 5} \\
 149769 &:= (1 - (4 \times 97))^{6/\sqrt{9}} \\
 149797 &:= 1 \times (4^{\sqrt{9}+7} + \sqrt{9}) / 7 \\
 151875 &:= 15^{\sqrt{(18+7)/5}} \\
 157459 &:= -1 \times 5 + (\sqrt{7^4} + 5)^{\sqrt{9}} \\
 157464 &:= (1 + 57 - 4)^{6/\sqrt{4}} \\
 157469 &:= 1 \times 5 + ((7 + \sqrt{4}) \times 6)^{\sqrt{9}} \\
 157479 &:= 15 + (7 + 47)^{\sqrt{9}} \\
 158499 &:= (1 + \sqrt{(5 \times 8)^4}) \times 99 \\
 159744 &:= (-1 + 5^{\sqrt{9+7}}) \times 4^4 \\
 161999 &:= -1 + 6 \times ((1 + 9) \times \sqrt{9})^{\sqrt{9}} \\
 163296 &:= (1 + 6) \times 32 \times \sqrt{9^6} \\
 163297 &:= 1 + 6^{3+2} \times \sqrt{9} \times 7 \\
 163825 &:= (-1 + 6) \times (-3 + 8^{\sqrt{25}}) \\
 163840 &:= \sqrt{\sqrt{(1 + 63)^8} \times 40} \\
 163885 &:= (-1 + 6) \times (\sqrt{\sqrt{3^8}} + 8^5) \\
 164592 &:= 1 \times 6^4 \times (5^{\sqrt{9}} + 2) \\
 165884 &:= \sqrt{(1 + 6 + 5)^8} \times 8 - 4 \\
 165888 &:= \sqrt{(\sqrt{16} \times (5 - 8))^8} \times 8 \\
 165889 &:= 1 + 6^5 \times 8 \times 8 / \sqrt{9}
 \end{aligned}$$

$$\begin{aligned}
 166464 &:= \left((\sqrt{16} + 64) \times 6 \right)^{\sqrt{4}} & 194474 &:= (19 + \sqrt{4})^4 - \sqrt{\sqrt{74}} \\
 166698 &:= \sqrt{(1+6)^6} \times 6 \times \sqrt{\sqrt{9^8}} & 194479 &:= (19 + \sqrt{4})^4 + 7 - 9 \\
 167961 &:= (-1 + 6^7) \times \sqrt{9} / (6 - 1) & 194481 &:= (1 \times 9 - \sqrt{4})^4 \times 81 \\
 168070 &:= \sqrt{(1+6)^8} \times 070 & 194497 &:= (19 + \sqrt{4})^4 + 9 + 7 \\
 169744 &:= 1 \times ((6 + 97) \times 4)^{\sqrt{4}} & 194634 &:= (-19 + 46^3) \times \sqrt{4} \\
 172872 &:= 1 \times 7^{\sqrt{2 \times 8}} \times 72 & 194672 &:= (-1 + \sqrt{9}) \times 46^{\sqrt{7+2}} \\
 175446 &:= \sqrt{(175 - 4)^4} \times 6 & & \\
 175609 &:= -1 \times 7 + 56^{\sqrt{09}} & & \\
 175623 &:= 1 \times 7 + \sqrt{56^{2 \times 3}} & 194490 &:= (19 + \sqrt{4})^4 + 9 + 0 \\
 175633 &:= 17 + 56^{\sqrt{3 \times 3}} & 194491 &:= (19 + \sqrt{4})^4 + 9 + 1 \\
 176129 &:= 1 + (\sqrt{7^6} + 1) \times 2^9 & 194492 &:= (19 + \sqrt{4})^4 + 9 + 2 \\
 176469 &:= (-1 + 7^6) / 4 \times 6 - \sqrt{9} & 194493 &:= (19 + \sqrt{4})^4 + 9 + 3 \\
 176474 &:= (1 + 7^6 \times (-4 + 7)) / \sqrt{4} & 194494 &:= (19 + \sqrt{4})^4 + 9 + 4 \\
 176499 &:= \left((-1 + 7^6) / \sqrt{4} - 9 \right) \times \sqrt{9} & 194495 &:= (19 + \sqrt{4})^4 + 9 + 5 \\
 176868 &:= \sqrt{17 \sqrt{\sqrt{\sqrt{6^8}}}} \times \sqrt{\sqrt{6^8}} & 194496 &:= (19 + \sqrt{4})^4 + 9 + 6 \\
 177674 &:= 1 \times 7 \times \sqrt{7^6} \times 74 & 194497 &:= (19 + \sqrt{4})^4 + 9 + 7 \\
 179469 &:= (17 \times \sqrt{9})^{\sqrt{4}} \times 69 & 194498 &:= (19 + \sqrt{4})^4 + 9 + 8 \\
 181447 &:= (1 - 81 \times \sqrt{4})^{\sqrt{4}} \times 7 & 194499 &:= (19 + \sqrt{4})^4 + 9 + 9 \\
 186599 &:= -1 + 8 \times (6^5 \times \sqrt{9} - \sqrt{9}) & & \\
 186616 &:= -1 \times 8 + 6^6 \times \sqrt{16} & & \\
 186687 &:= (1 + 8) \times \left(\sqrt{(6+6)^8} + 7 \right) & 194692 &:= (1 + 9 + 46^{\sqrt{9}}) \times 2 \\
 188415 &:= -1 + \sqrt{8^8} \times (41 + 5) & 195113 &:= 1 + (\sqrt{9} + 5 \times 11)^3 \\
 188461 &:= (1 + \sqrt{8^8}) \times 46 - 1 & 195776 &:= -1 + \sqrt{9} + 5^7 + 7^6 \\
 188462 &:= (1 + \sqrt{8^8}) \times \sqrt{46^2} & 199955 &:= (1 + 9) \times \sqrt{9^9} + 5^5 \\
 188464 &:= (1 + \sqrt{8^8}) \times 46 + \sqrt{4} & 209949 &:= 2 \times (0 + (9 + 9)^4) - \sqrt{9} \\
 188646 &:= (-1 + \sqrt{8^8} + 6) \times 46 & 215994 &:= -2 + (1 + 59)^{\sqrt{9}} - 4 \\
 194463 &:= (19 + \sqrt{4})^4 - 6 \times 3 & 215995 &:= -2 + (1 + 59)^{\sqrt{9}} - 5 \\
 194472 &:= (19 + \sqrt{4})^4 - 7 - 2 & 215996 &:= -2 + (1 + 59)^{\sqrt{9}} - 6 \\
 & & 215998 &:= -2 + (1 + 59) \left(\sqrt{\sqrt{\sqrt{\sqrt{9^8}}}} \right)
 \end{aligned}$$

$$\begin{aligned}
 215999 &:= 2 + (1 + 59)^{\sqrt{9}} - \sqrt{9} \\
 218568 &:= 21 \times 8 \times (5 + \sqrt{68}) \\
 218756 &:= 2 \times (\sqrt{1+8} + 7 \times 5^6) \\
 225792 &:= 2 \times (2 + 5 - 7^{\sqrt{9}})^2 \\
 226979 &:= -2 + (-2 + (6 + \sqrt{9}) \times 7)^{\sqrt{9}} \\
 226981 &:= (2 \times 26 + 9)^{\sqrt{\sqrt{81}}} \\
 226983 &:= \sqrt{2^2} + (69 - 8)^3 \\
 228484 &:= ((2 - 28)^4 - 8) / \sqrt{4} \\
 228488 &:= \sqrt{((-2 + 28) / \sqrt{4})^8} \times 8 \\
 229374 &:= 2^{2 \times 9 - 3} \times 7 - \sqrt{4} \\
 229379 &:= 2^{2 \times 9 - 3} \times 7 + \sqrt{9} \\
 229397 &:= (2^{2 \times 9 - 3} + \sqrt{9}) \times 7 \\
 232897 &:= \sqrt{(2 - 3^2)^8} \times 97 \\
 233295 &:= ((2 \times 3)^{3 \times 2} + \sqrt{9}) \times 5 \\
 234248 &:= (23 - \sqrt{4}/2)^4 - 8 \\
 234357 &:= -2 \times \sqrt{3^4} + 3 \times 5^7 \\
 234365 &:= (-2 + 3 \times (\sqrt{4} + 3)^6) \times 5 \\
 234373 &:= -2 + (-3 + \sqrt{4^3})^7 \times 3 \\
 234579 &:= (2 \times 34 + 5^7) \times \sqrt{9} \\
 234757 &:= -2 + 3 \times (\sqrt{4^7} + 5^7) \\
 235224 &:= 2 \times 3^5 \times \sqrt{22^4} \\
 235292 &:= 2 \times (-3 + (5 + 2)^{\sqrt{9 \times 2}}) \\
 235294 &:= 2 \times (-3 + 52)^{\sqrt{9}} - 4 \\
 235298 &:= 2 \times (-3 + 52) \left(\sqrt{\sqrt{\sqrt{\sqrt{9^8}}}} \right) \\
 235784 &:= 2 \times (3^5 + 7^{8 - \sqrt{4}}) \\
 236198 &:= 2 + 36 \times 1 \times \sqrt{9^8} \\
 236268 &:= (2 + 3^{6+2}) \times \sqrt{\sqrt{6^8}} \\
 236665 &:= -\sqrt{23^6} + (6 + 6)^5 \\
 238144 &:= (2 \times 3 \times 81 + \sqrt{4})^{\sqrt{4}} \\
 238328 &:= (23 + 8)^{\sqrt{3^2}} \times 8 \\
 238519 &:= -2 + 3 \times (-8 + 51)^{\sqrt{9}} \\
 239432 &:= 2 \times (3 + (9 - \sqrt{4})^3)^2 \\
 242064 &:= ((2 + 4 \times 20) \times 6)^{\sqrt{4}} \\
 249856 &:= 2^4 \times \left(-\sqrt{\sqrt{\sqrt{9^8}} + 5^6} \right) \\
 255894 &:= -2 \times 5^5 + 8^{\sqrt{9 \times 4}} \\
 258064 &:= (-2 + (5 + 80) \times 6)^{\sqrt{4}} \\
 261949 &:= -(2^6 + 1) \times \sqrt{9} + 4^9 \\
 261982 &:= \sqrt{(2 \times 8)^9} - 162 \\
 262154 &:= 2^{6 \times (2+1)} + 5 \times \sqrt{4} \\
 262159 &:= 2^{6 \times (2+1)} + 5 \times \sqrt{9} \\
 262186 &:= \sqrt{-2 + 6} \times 21 + 8^6 \\
 263869 &:= (2 \times 6)^3 + 8^6 - \sqrt{9} \\
 268322 &:= -2 + (6 + 8^3)^{\sqrt{2^2}} \\
 268326 &:= 2 + (6 + 8^3)^{\sqrt{-2+6}} \\
 268329 &:= 2 + (6 + 8^3)^2 + \sqrt{9} \\
 269568 &:= 26 \times (\sqrt{9} + 5) \times \sqrt{6^8} \\
 272484 &:= 2 \times (7 - 2 + \sqrt{4^8})^{\sqrt{4}} \\
 272976 &:= (-2 + 7)^{2^{\sqrt{9}}} - 7^6 \\
 274639 &:= 2 \times 7 + (\sqrt{4} + 63)^{\sqrt{9}} \\
 274653 &:= 2 \times 7 \times \sqrt{4} + 65^3 \\
 278868 &:= (-2 + 7 + \sqrt{8^8}) \times 68 \\
 278949 &:= -2 + 7^{8 - \sqrt{9}} + 4^9 \\
 279675 &:= -\sqrt{2^{7+9}} + 6^7 - 5 \\
 279814 &:= -27 + (\sqrt{9} \times 8 - 1)^4 \\
 279844 &:= \sqrt{2 + 7} + (9 - 8 \times 4)^4 \\
 279928 &:= -8 + \left(\sqrt{2 \times (9 + 9)} \right)^{\sqrt{7^2}}
 \end{aligned}$$

$$\begin{aligned}
 279962 &:= 26 + (-\sqrt{9} + 9)^{\sqrt{72}} \\
 279997 &:= -2 + 7 \times 9 + (9 - \sqrt{9})^7 \\
 286497 &:= (2^8 + 6) / \sqrt{4} \times \sqrt{9^7} \\
 287492 &:= -(2 + (8 - 74)^{\sqrt{9}}) - 2 \\
 287493 &:= ((2 + 8) \times 7 - 4)^{\sqrt{9}} - 3 \\
 287494 &:= 2 - (8 - 74)^{\sqrt{9}} - 4 \\
 287498 &:= 2 + (-8 + 74) \left(\sqrt{\sqrt{\sqrt{9^8}}} \right) \\
 287499 &:= ((2 + 8) \times 7 - 4)^{\sqrt{9}} + \sqrt{9} \\
 289444 &:= \left((2^8 + 9 + 4)^{\sqrt{4}} \right) \times 4 \\
 292820 &:= (2 + 9)^{\sqrt{2 \times 8}} \times 20 \\
 292864 &:= 2^9 \times 286 \times \sqrt{4} \\
 293764 &:= (2 + 9 \times (3 + 7) \times 6)^{\sqrt{4}} \\
 294350 &:= \sqrt{29^4} \times 350 \\
 294698 &:= 2 + 9 \times (4^6 - \sqrt{9}) \times 8 \\
 294784 &:= 2 \times (9 \times 4^7 - \sqrt{8^4}) \\
 294847 &:= -2 + 9 \times (4^8 / \sqrt{4} - 7) \\
 294849 &:= (2 - 9 + 4^8 / \sqrt{4}) \times 9 \\
 294856 &:= -2 + \sqrt{\sqrt{9^4}} \times (8^5 - 6) \\
 294892 &:= -2 + 9 \times ((4 \times 8)^{\sqrt{9}} - 2) \\
 294914 &:= 2 + 9 \times 4^{9-1} / \sqrt{4} \\
 294939 &:= (2^{9+\sqrt{4 \times 9}} + 3) \times 9 \\
 295198 &:= -2 - 9 \times 5 \times (1 - \sqrt{9^8}) \\
 295225 &:= (-2 + 9^5 - 2) \times \sqrt{25} \\
 295265 &:= -2 + (9^{\sqrt{5^2}} + 6) \times 5 \\
 295295 &:= (2 + 9^5 + 2^{\sqrt{9}}) \times 5 \\
 296344 &:= (((-2 + 9) \times 6)^3 - \sqrt{4}) \times 4 \\
 296349 &:= ((-2 + 9) \times 6)^3 \times 4 - \sqrt{9} \\
 297434 &:= 2 + \sqrt{9^7} \times 4 \times 34 \\
 299617 &:= -2 + \sqrt{9^9} + 6^{1 \times 7}
 \end{aligned}$$

$$\begin{aligned}
 299975 &:= 2 + \sqrt{9} \times (-9 + (\sqrt{9} + 7)^5) \\
 311364 &:= (31 \times 1 \times 3 \times 6)^{\sqrt{4}} \\
 311469 &:= 3 \times (1 + 1 \times 46)^{\sqrt{9}} \\
 314434 &:= ((3 + 14) \times 4)^3 + \sqrt{4} \\
 314463 &:= 31 + (4 + \sqrt{4^6})^3 \\
 314928 &:= \sqrt{3^{14}} \times 9 \times 2 \times 8 \\
 314946 &:= (6 + (\sqrt{4} \times 9)^4) \times 1 \times 3 \\
 319488 &:= (-3 + 1 \times \sqrt{(1 \times 9)^4}) \times \sqrt{8^8} \\
 327680 &:= \sqrt{(3^2 + 7)^6} \times 80 \\
 327695 &:= (3 + 2^{7+6+\sqrt{9}}) \times 5 \\
 328050 &:= \sqrt{3^{2 \times 8}} \times (0 + 50) \\
 328509 &:= (3 + 2 \times 8 + 50)^{\sqrt{9}} \\
 331779 &:= 3 + (31 - 7)^{\sqrt{7+9}} \\
 331869 &:= 3 \times (31 + (8 \times 6)^{\sqrt{9}}) \\
 334365 &:= -\sqrt{3 \times 3} + 43 \times 6^5 \\
 334368 &:= (3 + 3) \times 43 \times \sqrt{6^8} \\
 334611 &:= 3^{\sqrt{3^4}} \times (6 + 11) \\
 338724 &:= (3 + 3 + 8 \times 72)^{\sqrt{4}} \\
 342950 &:= (3 + 4^2)^{\sqrt{9}} \times 50 \\
 342995 &:= (3^4 - 2 - 9)^{\sqrt{9}} - 5 \\
 344450 &:= (3^4 + \sqrt{4})^{\sqrt{4}} \times 50 \\
 345744 &:= ((3 - 45) \times 7)^{\sqrt{4}} \times 4 \\
 348145 &:= \sqrt{(3 + 4)^8} \times 145 \\
 349920 &:= (3 \times (\sqrt{4} \times 9)^{\sqrt{9}}) \times 20 \\
 349965 &:= (3 + \sqrt{4}) \times (9 + 9 \times 6^5) \\
 352962 &:= 3 \times (5 + (2 - 9)^{\sqrt{6^2}}) \\
 352964 &:= 3 \times (5 + (2 - 9)^6) + \sqrt{4} \\
 354186 &:= (3^{5 \times \sqrt{4}} - 18) \times 6
 \end{aligned}$$

$$\begin{aligned}
 354246 &:= (3^{5 \times \sqrt{4}} - 2 \times 4) \times 6 \\
 354273 &:= (3^{5 \times \sqrt{4}} \times 2 - 7) \times 3 \\
 354282 &:= (3^{5 \times \sqrt{4}} - 2) \times (8 - 2) \\
 354287 &:= 3^{5 \times \sqrt{4}} \times (-2 + 8) - 7 \\
 354329 &:= 35 + \sqrt{4} \times 3^{2+9} \\
 354354 &:= ((3 \times 5)^4 - 3) \times (5 + \sqrt{4}) \\
 354375 &:= (3 \times 5)^4 \times (\sqrt{-3+7} + 5) \\
 354486 &:= (3^{5 \times \sqrt{4}} + 4 \times 8) \times 6 \\
 354487 &:= ((3 \times 5)^4 + \sqrt{4} \times 8) \times 7 \\
 354726 &:= (3^{5 \times \sqrt{4}} + 72) \times 6 \\
 356445 &:= (3^5 + 6 \times 4)^{\sqrt{4}} \times 5 \\
 364500 &:= 3^{\sqrt{\sqrt{6^4}}} \times 500 \\
 365471 &:= \sqrt{36^5} \times 47 - 1 \\
 365472 &:= \sqrt{36^5} \times \sqrt{47^2} \\
 365474 &:= \sqrt{36^5} \times 47 + \sqrt{4} \\
 366052 &:= \sqrt{3^6} + 605^2 \\
 366795 &:= (-3^6 + (6 \times 7)^{\sqrt{9}}) \times 5 \\
 368640 &:= 3 \times 6 \times \sqrt{8^6} \times 40 \\
 374452 &:= (3 \times 7^4 - \sqrt{4}) \times 52 \\
 374544 &:= ((37 \times 4 + 5) \times 4)^{\sqrt{4}} \\
 374845 &:= (37^4 + \sqrt{8^4}) / 5 \\
 374850 &:= \sqrt{(3 \times 7)^4} \times 850 \\
 384750 &:= \sqrt{3^8} \times 4750 \\
 389344 &:= (3 + 89)^3 \times \sqrt{4}/4 \\
 389893 &:= (-3 + (8 - \sqrt{9})^8) - 9^3 \\
 390584 &:= -39 + 05^8 - \sqrt{4} \\
 393198 &:= (-3 + 9) \times (-3 + (1 + \sqrt{9})^8) \\
 393216 &:= \sqrt{39 - 3} \times 2^{16} \\
 393217 &:= 3/\sqrt{9} + 3 \times 2^{17} \\
 393645 &:= (-3 + (\sqrt{9^{3+6}} \times 4)) \times 5
 \end{aligned}$$

$$\begin{aligned}
 393660 &:= 3 \times \sqrt{9} \times 3^6 \times 60 \\
 394384 &:= \left(3 + \sqrt{(\sqrt{9} - \sqrt{4^3})^8}\right)^{\sqrt{4}} \\
 411772 &:= (\sqrt{4} - 1) \times (1 + 7^7) / 2 \\
 411774 &:= \sqrt{4} \times (1 + (1 + 7^7) / 4) \\
 411845 &:= (41 \times (-1 + 8))^{\sqrt{4}} \times 5 \\
 413357 &:= (\sqrt{4} + 1 \times (3 \times 3)^5) \times 7 \\
 413499 &:= (41^3 \times \sqrt{4} - 9) \times \sqrt{9} \\
 413526 &:= 41^{\sqrt{3 \times (5-2)}} \times 6 \\
 413556 &:= (41^3 + \sqrt{5 \times 5}) \times 6 \\
 417595 &:= (-\sqrt{4} + 17^{-5+9}) \times 5 \\
 419888 &:= (-\sqrt{4} + 1 \times \sqrt{9^8} \times 8) \times 8 \\
 419944 &:= 4 \times (1 + 9 + (9 \times \sqrt{4})^4) \\
 425958 &:= (-\sqrt{4} + 2^{5 \times \sqrt{9}}) \times (5 + 8) \\
 437456 &:= 4 \times (3 + 7 \times (-\sqrt{4} + 5^6)) \\
 437512 &:= 4 \times (3 + 7 \times \sqrt{5^{12}}) \\
 438244 &:= 4 \times (3 + 82 \times 4)^{\sqrt{4}} \\
 438928 &:= (-4 + 38^{\sqrt{9}} - 2) \times 8 \\
 438938 &:= (\sqrt{4} \times 38)^{\sqrt{9}} - 38 \\
 438944 &:= \sqrt{4} \times (38^{\sqrt{9}} - 4) \times 4 \\
 438948 &:= 4 + (38^{\sqrt{9}} - 4) \times 8 \\
 438964 &:= (4 \times 38^{\sqrt{9}} - 6) \times \sqrt{4} \\
 438965 &:= (\sqrt{4} \times 38)^{\sqrt{9}} - 6 - 5 \\
 438968 &:= (\sqrt{4} \times 38)^{9-6} - 8 \\
 438977 &:= (\sqrt{4} \times 38)^{\sqrt{9}} + 7/7 \\
 438980 &:= 4 + 38^{\sqrt{9}} \times 8 + 0 \\
 438981 &:= 4 + 38^{\sqrt{9}} \times 8 + 1 \\
 438982 &:= 4 + 38^{\sqrt{9}} \times 8 + 2
 \end{aligned}$$

$$\begin{aligned}
 438983 &:= 4 + 38^{\sqrt{9}} \times 8 + 3 & 466543 &:= (-\sqrt{4} + 6^6) \times 5 \times \sqrt{4} + 3 \\
 438984 &:= 4 + 38^{\sqrt{9}} \times 8 + 4 & 466544 &:= (-\sqrt{4} + 6^6) \times 5 \times \sqrt{4} + 4 \\
 438985 &:= 4 + 38^{\sqrt{9}} \times 8 + 5 & 466545 &:= (-\sqrt{4} + 6^6) \times 5 \times \sqrt{4} + 5 \\
 438986 &:= 4 + 38^{\sqrt{9}} \times 8 + 6 & 466546 &:= (-\sqrt{4} + 6^6) \times 5 \times \sqrt{4} + 6 \\
 438987 &:= 4 + 38^{\sqrt{9}} \times 8 + 7 & 466547 &:= (-\sqrt{4} + 6^6) \times 5 \times \sqrt{4} + 7 \\
 438988 &:= 4 + 38^{\sqrt{9}} \times 8 + 8 & 466548 &:= (-\sqrt{4} + 6^6) \times 5 \times \sqrt{4} + 8 \\
 438989 &:= 4 + 38^{\sqrt{9}} \times 8 + 9 & 466549 &:= (-\sqrt{4} + 6^6) \times 5 \times \sqrt{4} + 9
 \end{aligned}$$

$$\begin{aligned}
 438983 &:= 4 + 38^{\sqrt{9}} \times 8 + 3 & 466550 &:= \sqrt{4} \times (6^6 \times 5 - 5) + 0 \\
 438994 &:= (4 \times 38^{\sqrt{9}} + 9) \times \sqrt{4} & 466551 &:= \sqrt{4} \times (6^6 \times 5 - 5) + 1 \\
 438997 &:= (\sqrt{4} \times 38)^{\sqrt{9}} + \sqrt{9} \times 7 & 466552 &:= \sqrt{4} \times (6^6 \times 5 - 5) + 2 \\
 438998 &:= -\sqrt{4} + (38^{\sqrt{9}} + \sqrt{9}) \times 8 & 466553 &:= \sqrt{4} \times (6^6 \times 5 - 5) + 3 \\
 446148 &:= (4 + \sqrt{4^6}) \times (-1 + 4)^8 & 466554 &:= \sqrt{4} \times (6^6 \times 5 - 5) + 4 \\
 451584 &:= (4 - 51 - \sqrt{5^8})^{\sqrt{4}} & 466555 &:= \sqrt{4} \times (6^6 \times 5 - 5) + 5 \\
 453789 &:= (4 + 5) \times 3 \times 7^{8-\sqrt{9}} & 466556 &:= \sqrt{4} \times (6^6 \times 5 - 5) + 6 \\
 455147 &:= (-4 + (5 \times 51)^{\sqrt{4}}) \times 7 & 466557 &:= \sqrt{4} \times (6^6 \times 5 - 5) + 7 \\
 455593 &:= -\sqrt{4^5} + 5 \times (5 \times 9)^3 & 466558 &:= \sqrt{4} \times (6^6 \times 5 - 5) + 8 \\
 455625 &:= \sqrt{(45 \times 5)^6} / 25 & 466559 &:= \sqrt{4} \times (6^6 \times 5 - 5) + 9 \\
 458748 &:= -\sqrt{4^5} / 8 + 7 \times 4^8 & & \\
 459450 &:= (4^5 - \sqrt{9}) \times 450 & 466575 &:= (\sqrt{4} \times (6^6 + 5) - 7) \times 5 \\
 466375 &:= (\sqrt{4} \times 6^6 - 37) \times 5 & 466585 &:= \left(\sqrt{4} \times 6^6 + \sqrt{\sqrt{\sqrt{5^8}}} \right) \times 5 \\
 466495 &:= (\sqrt{4} \times 6^6 - 4 - 9) \times 5 & 466595 &:= (\sqrt{4} \times (6^6 + 5) - \sqrt{9}) \times 5 \\
 466515 &:= (\sqrt{4} \times (6^6 - 5) + 1) \times 5 & 466615 &:= (\sqrt{4} \times (6 + 6^6) - 1) \times 5 \\
 466530 &:= \sqrt{4} \times 6^6 \times 5 - 30 & 466635 &:= (\sqrt{4} \times (6 + 6^6) + 3) \times 5 \\
 466534 &:= ((-\sqrt{4} + 6^6) \times 5 - 3) \times \sqrt{4} & 466944 &:= 4^6 \times 6 \times (\sqrt{9} + 4 \times 4) \\
 466538 &:= \sqrt{4} \times (6^6 \times 5 - 3 - 8) & 469264 &:= 4^6 \times \sqrt{9} + 26^4 \\
 & & 469732 &:= 4 \times (-6^{\sqrt{9}} + 7^{3 \times 2}) \\
 466540 &:= (-\sqrt{4} + 6^6) \times 5 \times \sqrt{4} + 0 & 470604 &:= (\sqrt{4} + 7^{0+6}) \times (0 + 4) \\
 466541 &:= (-\sqrt{4} + 6^6) \times 5 \times \sqrt{4} + 1 & 470628 &:= 4 \times (7^{\sqrt{0+6^2}} + 8) \\
 466542 &:= (-\sqrt{4} + 6^6) \times 5 \times \sqrt{4} + 2 & &
 \end{aligned}$$

$$\begin{aligned}
 472385 &:= -\sqrt{4} + 72 \times 3^8 - 5 & 524236 &:= -52 + \sqrt{4} \times 2^{3 \times 6} \\
 472386 &:= (\sqrt{4} + 7)^{2+3} \times 8 - 6 & 524263 &:= -5^2 + \sqrt{4} \times 2^{6 \times 3} \\
 472387 &:= \sqrt{4} + 72 \times 3^8 - 7 & 524274 &:= (-5 - 2 + 4^{2+7}) \times \sqrt{4} \\
 472389 &:= (\sqrt{4} + 7)^{2+3} \times 8 - \sqrt{9} & 524278 &:= -5 \times 2 + \sqrt{4^{27-8}} \\
 472394 &:= \sqrt{4} + 72 \times (3 \times \sqrt{9})^4 & 524286 &:= -\sqrt{5 - 2/\sqrt{4}} + 2 \times 8^6 \\
 473344 &:= (4 + 7^3 - 3)^{\sqrt{4}} \times 4 & 524291 &:= 5 + 2 \times (\sqrt{4^{2 \times 9}} - 1) \\
 474546 &:= (4 + 74)^{\sqrt{5+4}} - 6 & 524294 &:= (5 - 2 + \sqrt{4^{2 \times 9}}) \times \sqrt{4} \\
 474549 &:= (4 + 74)^{\sqrt{5+4}} - \sqrt{9} & 524297 &:= -5 + 2 \times (\sqrt{4^{2 \times 9}} + 7) \\
 483149 &:= -4 + (8 + 3)^{1+4} \times \sqrt{9} & 524299 &:= 5 + 2 \times (\sqrt{4^{2 \times 9}} + \sqrt{9}) \\
 483153 &:= (\sqrt{48 \times 3} - 1)^5 \times 3 & 524328 &:= (5 + 2^{\sqrt{4^3 \times 2}}) \times 8 \\
 483159 &:= (\sqrt{4} + (8 + 3)^{1 \times 5}) \times \sqrt{9} & 524392 &:= (52 + 4^{3 \times \sqrt{9}}) \times 2 \\
 491775 &:= (-4 + \sqrt{9^{1+7}}) \times 75 & 524979 &:= 5 + 2 \times (4^9 + 7^{\sqrt{9}}) \\
 492375 &:= (4 + \sqrt{9^{2^3}}) \times 75 & 528220 &:= \sqrt{(5 + 2)^8} \times 220 \\
 492802 &:= -\sqrt{4} + (9 \times (2 - 80))^2 & 529984 &:= (52 \times (9 - \sqrt{9} + 8))^{\sqrt{4}} \\
 493039 &:= (49 + 30)^{\sqrt{3 \times \sqrt{9}}} & 531389 &:= -53 + 1 + \sqrt{3^{8 \times \sqrt{9}}} \\
 493832 &:= \sqrt{4} + 9 \times (38^3 - 2) & 531434 &:= -5 + 3^{1 \times 4 \times 3} - \sqrt{4} \\
 493834 &:= 4 + 9 \times (38^3 - \sqrt{4}) & 531444 &:= 5 + 3^{\sqrt{144}} - \sqrt{4} \\
 493838 &:= -\sqrt{4} + 9 \times 38^3 - 8 & 531496 &:= 53 + 1 \times \sqrt{4} + 9^6 \\
 493839 &:= (-4 + \sqrt{9} + 38^3) \times 9 & 531969 &:= 531 + 9^6 - \sqrt{9} \\
 493895 &:= \sqrt{4} + 9 \times (38^{\sqrt{9}} + 5) & 548937 &:= (-5 + \sqrt{4^8}) \times (9/3)^7 \\
 495616 &:= (4^{\sqrt{9}} \times (5 + 6))^{\sqrt{\sqrt{16}}} & 559867 &:= -5 + \sqrt{5 - 9 + 8} \times 6^7 \\
 497442 &:= 4^9 + 7^{4+\sqrt{4}} \times 2 & 559872 &:= (\sqrt{5 \times 5} + 9 - 8)^7 \times 2 \\
 497666 &:= \sqrt{4} + ((9 - 7) \times 6)^6 / 6 & 562428 &:= (5^6 - 2) \times \sqrt{\sqrt{(4 + 2)^8}} \\
 499280 &:= (\sqrt{4} - 9 \times 9)^2 \times 80 & 562464 &:= (5^6 - 2/\sqrt{4}) \times \sqrt{6^4} \\
 499755 &:= (-49 + (\sqrt{9} + 7)^5) \times 5 & 562495 &:= 5^{\sqrt{6^2}} \times 4 \times 9 - 5 \\
 511949 &:= -51 + (-1 + \sqrt{9^4})^{\sqrt{9}} & 563868 &:= (5^6 + 38) \times \sqrt{\sqrt{6^8}} \\
 515816 &:= -5^{1+5} + \sqrt{81^6} & 566440 &:= (\sqrt{5^6} - 6)^{\sqrt{4}} \times 40 \\
 518400 &:= \sqrt{(5 + 1)^8} \times 400 & 566937 &:= (\sqrt{(5 \times 6)^6} - \sqrt{9}) \times 3 \times 7 \\
 524184 &:= (-52 + \sqrt{4^{18}}) \times \sqrt{4} & 574644 &:= (5^7 + 4^{\sqrt{6^4}}) \times 4
 \end{aligned}$$

$$574992 := \left((-5 + 74 - \sqrt{9})^{\sqrt{9}} \right) \times 2$$

$$575995 := (5 + 7 \times 5)^{\sqrt{9}} \times 9 - 5$$

$$583443 := (3 + 4)^4 \times \sqrt{\sqrt{\sqrt{3^{8 \times 5}}}}$$

$$584199 := (-\sqrt{5^8} + 4^{-1+9}) \times 9$$

$$585925 := (5^8 - 5) \times \sqrt{9}/2 - 5$$

$$585944 := \left((5^8 + 5) \times \sqrt{9} - \sqrt{4} \right) / \sqrt{4}$$

$$587615 := -\sqrt{5^8} + (7^6 - 1) \times 5$$

$$587635 := -\sqrt{5^8} + (7^6 + 3) \times 5$$

$$588245 := \left(5 + \sqrt{\sqrt{8+8}} \right)^{2+4} \times 5$$

$$589829 := 5 + 8^{-\sqrt{9}+8} \times 2 \times 9$$

$$592697 := (5 \times 9 \times 2 - 6)^{\sqrt{9}} - 7$$

$$592699 := -5 + (9^2 - 6 + 9)^{\sqrt{9}}$$

$$592829 := 5^{\sqrt{9}} + (2 + 82)^{\sqrt{9}}$$

$$606528 := 6^{0+6} \times (\sqrt{5^2} + 8)$$

$$614648 := ((6 + 1) \times 4)^{6-\sqrt{4}} - 8$$

$$627264 := (6 \times 2 \times (72 - 6))^{\sqrt{4}}$$

$$629784 := 6^2 \times (\sqrt{9^7} \times 8 - \sqrt{4})$$

$$629868 := 6 \times \left(2 + \sqrt{\sqrt{9^8} \times \sqrt{6^8}} \right)$$

$$629964 := 6 \times \left(2 \times 9 + (\sqrt{9} \times 6)^4 \right)$$

$$629984 := (6 - 2 + \sqrt{9^9}) \times 8 \times 4$$

$$649500 := (6^4 + \sqrt{9}) \times 500$$

$$649511 := -6 + (-\sqrt{4} + 9^5) \times 11$$

$$649545 := 6 + (\sqrt{4} + 9) \times (5 + 4)^5$$

$$649547 := \sqrt{64} + 9^5 \times (4 + 7)$$

$$649549 := 6 + 4 + 9^5 \times (\sqrt{4} + 9)$$

$$649583 := (6 - \sqrt{4} + 9^5) \times (8 + 3)$$

$$649589 := 6 + (4 + 9^5) \times (8 + \sqrt{9})$$

$$656274 := 6 \times (5^{\sqrt{6^2}} \times 7 + 4)$$

$$656374 := 6 \times \left((5^6 + 3) \times 7 - \sqrt{4} \right)$$

$$656379 := 6 \times (5^6 + 3) \times 7 + \sqrt{9}$$

$$656397 := \left(6 \times (5^6 + 3) + \sqrt{9} \right) \times 7$$

$$658845 := (6 + 5)^{\sqrt{8+8}} \times 45$$

$$659344 := \left(6 \times 5 \times 9 \times 3 + \sqrt{4} \right)^{\sqrt{4}}$$

$$668174 := \sqrt{6 \times 6} + 8 \times 17^4$$

$$675684 := (6 + (7 + 5) \times 68)^{\sqrt{4}}$$

$$684288 := \sqrt{6^8} \times (4 + 2) \times 88$$

$$685464 := 6 \times (8 + 5)^4 \times (6 - \sqrt{4})$$

$$685984 := \left(((6 + 8) \times 5)^{\sqrt{9}} - 8 \right) \times \sqrt{4}$$

$$685994 := \left(((6 + 8) \times 5)^{\sqrt{9}} - \sqrt{9} \right) \times \sqrt{4}$$

$$690768 := (6 \times 90 - 7) \times \sqrt{6^8}$$

$$691488 := 6 \times \sqrt{9} \times 14^{\sqrt{8+8}}$$

$$699735 := (6^9 - \sqrt{9} - 7) \times 3 \times 5$$

$$699840 := 6^{\sqrt{9}} \times \sqrt{\sqrt{9^8}} \times 40$$

$$704899 := -\sqrt{\sqrt{70^4}} + 89^{\sqrt{9}}$$

$$704969 := (70 + 4 + 9 + 6)^{\sqrt{9}}$$

$$708295 := \sqrt{70+8} \times 295$$

$$715822 := 71^{\sqrt{5+8/2}} \times 2$$

$$715824 := 71^{-5+8} \times 2 + \sqrt{4}$$

$$726880 := 7 \times (2 + \sqrt{6^8}) \times 80$$

$$728995 := \left(\sqrt{\sqrt{(7+2)^8} + 9} \right)^{\sqrt{9}} - 5$$

$$729003 := \sqrt{7+2} + 90^{0+3}$$

$$729009 := 7 + 2 + 90^{\sqrt{09}}$$

$$729049 := 7^2 + \left(\sqrt{\sqrt{90^4}} \right)^{\sqrt{9}}$$

$$729072 := 72 + 90^{\sqrt{7+2}}$$

$$742592 := \left((7 + 4 + 2)^5 + \sqrt{9} \right) \times 2$$

$$744310 := 7^{\sqrt{4 \times 4}} \times 310$$

$$744385 := (\sqrt{7^4} + 4) \left(\sqrt{\sqrt{\sqrt{3^8}}} \right) \times 5$$

$$746489 := -7 + \sqrt{4} \times (64 + 8)^{\sqrt{9}}$$

$$746503 := 7 + (\sqrt{4} \times 6)^5 \times (0 + 3)$$

$$746523 := \left(7 + (\sqrt{4} \times 6)^5 + 2 \right) \times 3$$

$$751599 := (7 + (5 - 1)^5) \times 9^{\sqrt{9}}$$

$$753424 := \left(7 \times (5^3 - \sqrt{4}/2) \right)^{\sqrt{4}}$$

$$756495 := (7^5 + 6 - \sqrt{4}) \times 9 \times 5$$

$$759368 := -7 + (5 \times \sqrt{9})^{3-6+8}$$

$$759381 := 7 + (5 \times \sqrt{9})^{-3+8} - 1$$

$$759382 := 7 + (5 \times \sqrt{9})^{3+\sqrt{8/2}}$$

$$759384 := 7 + (5 \times \sqrt{9})^{-3+8} + \sqrt{4}$$

$$765625 := \sqrt{7^6} \times 5^6 / (2 + 5)$$

$$765667 := 7 \times \left(6 + (5^{\sqrt{6 \times 6}}) \times 7 \right)$$

$$765674 := (7 - 6 + 5^6) \times \sqrt{7^4}$$

$$774198 := (77 + 41) \times \sqrt{9^8}$$

$$778034 := \left(-\sqrt{7 \times 7} + 80 \right)^3 \times \sqrt{4}$$

$$780325 := \sqrt{7^8} \times (0 + 325)$$

$$781258 := \sqrt{\sqrt{\sqrt{7^8}} + 1 + 2 \times 5^8}$$

$$786329 := -7 + (8^6 - 32) \times \sqrt{9}$$

$$786399 := (-7 + 8^6) \times 3 - 9 - \sqrt{9}$$

$$786417 := -7 - 8 + 6 \times \sqrt{4^{17}}$$

$$786419 := -7 + (8^6 - \sqrt{4}) \times 1 \times \sqrt{9}$$

$$786423 := (-7 + 8^6 + \sqrt{4^2}) \times 3$$

$$786427 := 7 + (8^6 - 4) \times \sqrt{2 + 7}$$

$$786429 := (7 + 8^6 - 4 \times 2) \times \sqrt{9}$$

$$786432 := \sqrt{7 + 8 - 6} \times 4^{3^2}$$

$$786443 := -7 + (8^6 + 4 + \sqrt{4}) \times 3$$

$$786445 := 7 + (8^6 + \sqrt{4}) \times \sqrt{4 + 5}$$

$$786447 := (7 + 8^6 - \sqrt{4}) \times (-4 + 7)$$

$$786449 := -7 + (8^6 + 4 + 4) \times \sqrt{9}$$

$$786463 := 3 \times (\sqrt{64^6} + 8) + 7$$

$$786467 := (7 + 8^6 / \sqrt{4}) \times 6 - 7$$

$$786469 := 7 + (8^6 + 4 + 6) \times \sqrt{9}$$

$$786483 := (7 + 8^6 + \sqrt{4} + 8) \times 3$$

$$786489 := (7 + 8^6 + 4 + 8) \times \sqrt{9}$$

$$786493 := 7 + (8^6 + \sqrt{4} \times 9) \times 3$$

$$786499 := \sqrt{\sqrt{7^8}} + (6 + 4^9) \times \sqrt{9}$$

$$788544 := (7 + 885 - 4)^{\sqrt{4}}$$

$$788833 := \sqrt{7^8} + (8 \times 8)^3 \times 3$$

$$789647 := (7^8 - \sqrt{9} - 6) \times 47$$

$$796488 := 7 \times (-\sqrt{9} + 6^4) \times 88$$

$$798848 := (79 \times \sqrt{8 + 8})^{\sqrt{4}} \times 8$$

$$819200 := 8^{1+\sqrt{9}} \times 200$$

$$823477 := -(8/2)^3 - \sqrt{4} + 7^7$$

$$823547 := 7^{\sqrt{4}+5} + 32/8$$

$$823727 := 8 \times 23 + \sqrt{7^2 \times 7}$$

$$829440 := \sqrt{(8 \times 2 \times 9)^4} \times 40$$

$$839779 := -8 + \left((-3 + 9)^7 - 7 \right) \times \sqrt{9}$$

$$839784 := -(\sqrt{4} - 8)^7 \times \sqrt{9} - 3 \times 8$$

$$839793 := (-8 + (-3 + 9)^7 + \sqrt{9}) \times 3$$

$$839795 := -8 + (-3 + 9)^7 \times \sqrt{9} - 5$$

$$839804 := (-8 + (3 - 9)^8 + 0) / \sqrt{4}$$

$$839816 := (8 + (3 - 9)^8) / \sqrt{\sqrt{16}}$$

$$851964 := 8^5 \times \left(-1 + \sqrt{\sqrt{9^6}} \right) - 4$$

$$851969 := -8^5 + 1 + 96^{\sqrt{9}}$$

$$851981 := (8 + 5) \times \left((1 + \sqrt{9})^8 + 1 \right)$$

$$859775 := 85^{\sqrt{9}} \times \sqrt{7 \times 7} / 5$$

$$864557 := 8^6 \times \sqrt{4 + 5} + 5^7$$

$$875448 := 8 \times 7 \times (5^{\sqrt{4+4}} + 8)$$

$$879795 := ((8 \times 7)^{\sqrt{9}} + 7^{\sqrt{9}}) \times 5$$

$$884728 := (8 \times (8 + 4))^{\sqrt{7+2}} - 8$$

$$884734 := ((8 \times 84) / 7)^3 - \sqrt{4}$$

$$884739 := (8 \times 84 / 7)^3 + \sqrt{9}$$

$$898779 := (8 - 9 + 8^7) / 7 \times \sqrt{9}$$

$$907596 := (9 \times (07)^5 + \sqrt{9}) \times 6$$

$$911493 := (9 \times 11)^{\sqrt{4}} \times 93$$

$$912673 := \left((\sqrt{9} + 1) \times 26 - 7 \right)^3$$

$$917448 := (\sqrt{9} - 1) \times 7 \times (-4 + 4^8)$$

$$917484 := (-9 - 1 + 7 \times 4^8) \times \sqrt{4}$$

$$917488 := (\sqrt{9} - 1) \times (7 \times 4^8 - 8)$$

$$917494 := -9 - 1 + 7 \times 4^9 / \sqrt{4}$$

$$923524 := \sqrt{9} + (2 \times 3 + 5^2)^4$$

$$938492 := (93 + 8)^{\sqrt{4}} \times 92$$

$$941168 := (\sqrt{9} + (-4 + 11)^6) \times 8$$

$$943299 := \sqrt{9} + \sqrt{9} \times (2 \times 34)^{\sqrt{9}}$$

$$944559 := \left((9 \times \sqrt{4})^4 - 5 \times 5 \right) \times 9$$

$$944847 := 9 \times \left((\sqrt{4} + (\sqrt{4} \times 8))^4 + 7 \right)$$

$$946176 := \sqrt{9} \times 4^6 \times (1 + 76)$$

$$948395 := \sqrt{(9 - \sqrt{4})^8} \times 395$$

$$958464 := 9 \times (5 + 8) \times 4^6 \times \sqrt{4}$$

$$968244 := (-\sqrt{9} + (6 \times 82)^{\sqrt{4}}) \times 4$$

$$972405 := (\sqrt{9} \times 7)^{\sqrt{24}} \times 05$$

$$979766 := -\sqrt{9} - 7 + \sqrt{9} \times 7 \times 6^6$$

$$984375 := (\sqrt{9^8} \times \sqrt{4} + 3) \times 75$$

$$989497 := (98 + \sqrt{9})^{\sqrt{4}} \times 97$$

$$994842 := \sqrt{9 \times 9^4} \times (8^4 - 2)$$

$$995316 := \left((9 + \sqrt{9})^5 - 3 \right) \times \sqrt{16}$$

$$995324 := \left((9 + \sqrt{9})^5 - 3 + 2 \right) \times 4$$

$$995364 := \left((9 + \sqrt{9})^5 + 3 + 6 \right) \times 4$$

$$995340 := \left((9 + \sqrt{9})^5 + 3 \right) \times 4 + 0$$

$$995341 := \left((9 + \sqrt{9})^5 + 3 \right) \times 4 + 1$$

$$995342 := \left((9 + \sqrt{9})^5 + 3 \right) \times 4 + 2$$

$$995343 := \left((9 + \sqrt{9})^5 + 3 \right) \times 4 + 3$$

$$995344 := \left((9 + \sqrt{9})^5 + 3 \right) \times 4 + 4$$

$$995345 := \left((9 + \sqrt{9})^5 + 3 \right) \times 4 + 5$$

$$995346 := \left((9 + \sqrt{9})^5 + 3 \right) \times 4 + 6$$

$$995347 := \left((9 + \sqrt{9})^5 + 3 \right) \times 4 + 7$$

$$995348 := \left((9 + \sqrt{9})^5 + 3 \right) \times 4 + 8$$

$$995349 := \left((9 + \sqrt{9})^5 + 3 \right) \times 4 + 9$$

$$995453 := (9 + \sqrt{9})^5 \times 4 + 5^3$$

$$995544 := \left((9 + \sqrt{9})^5 + 54 \right) \times 4$$

$$999916 := -9 \times 9 - \sqrt{9} + (9 + 1)^6$$

$$999919 := -9 \times 9 + (9 + 91)^{\sqrt{9}}$$

$$999976 := -\sqrt{9} \times 9 + \sqrt{9} + (\sqrt{9} + 7)^6$$

5 Factorial-Square-Root-Type Selfie Numbers

This section bring **selfie numbers** in digit's order using **basic operations** with **factorial** and **square-root** together. Due to high quantity of numbers, the results are limited up to five digits.

$$24 := (\sqrt{2^4})!$$

$$71 := \sqrt{7! + 1}$$

$$119 := -1 + (-1 + (\sqrt{9})!)!$$

$$216 := \sqrt{(2 + 1)!^6}$$

$$354 := 3 \times (5! - \sqrt{4})$$

$$384 := 3! \times \sqrt{8^4}$$

$$595 := -5! + (\sqrt{9})!! - 5$$

$$720 := (\sqrt{7 + 2})!! + 0$$

$$721 := (\sqrt{7 + 2})!! + 1$$

$$722 := (\sqrt{7 + 2})!! + 2$$

$$723 := (\sqrt{7 + 2})!! + 3$$

$$724 := (\sqrt{7 + 2})!! + 4$$

$$725 := (\sqrt{7 + 2})!! + 5$$

$$726 := (\sqrt{7 + 2})!! + 6$$

$$727 := (\sqrt{7 + 2})!! + 7$$

$$727 := (\sqrt{7 + 2})!! + 7$$

$$728 := (\sqrt{7 + 2})!! + 8$$

$$729 := (\sqrt{7 + 2})!! + 9$$

$$799 := 79 + (\sqrt{9})!!$$

$$936 := (\sqrt{9})!^3 + 6!$$

$$1288 := \sqrt{(1 + 2)!^8} - 8$$

$$1294 := -1 \times 2 + (\sqrt{9})!^4$$

$$1296 := \sqrt{(1 + 2)!^9 / 6}$$

$$1298 := 1 \times 2 + \sqrt{(\sqrt{9})!^8}$$

$$1392 := (- (1 + 3)! + (\sqrt{9})!!) \times 2$$

$$1433 := -1 + \sqrt{4} \times (3!! - 3)$$

$$1434 := (1 - 4 + 3!!) \times \sqrt{4}$$

$$1435 := 1 \times \sqrt{4} \times 3!! - 5$$

$$1439 := -1 + \sqrt{4} \times (-3 + 9)!$$

$$1440 := (-1 + 4)!! \times \sqrt{4} + 0$$

$$1441 := (-1 + 4)!! \times \sqrt{4} + 1$$

$$1442 := (-1 + 4)!! \times \sqrt{4} + 2$$

$$1443 := (-1 + 4)!! \times \sqrt{4} + 3$$

$$1444 := (-1 + 4)!! \times \sqrt{4} + 4$$

$$1445 := (-1 + 4)!! \times \sqrt{4} + 5$$

$$1446 := (-1 + 4)!! \times \sqrt{4} + 6$$

$$1447 := (-1 + 4)!! \times \sqrt{4} + 7$$

$$1448 := (-1 + 4)!! \times \sqrt{4} + 8$$

$$1449 := (-1 + 4)!! \times \sqrt{4} + 9$$

$$1464 := 1 \times 4! + 6! \times \sqrt{4}$$

$$1679 := 1 + (-6 + 7!) / \sqrt{9}$$

$$1680 := (1 + 6)! / \sqrt{8 + 0!}$$

$$1684 := \sqrt{16} + 8! / 4!$$

$$1944 := 1 \times \sqrt{9^4} \times 4!$$

$$2139 := -21 + 3 \times (\sqrt{9})!!$$

$$2304 := \sqrt{(2 \times (3 + 0!)!)^4}$$

$$2544 := (2 + 5)! / \sqrt{4} + 4!$$

$$2864 := \sqrt{2 \times 8} \times (6! - 4)$$

$$2880 := \sqrt{2 \times 8} \times (\sqrt{8 + 0!})!!$$

$$\begin{aligned}
 2896 &:= 2 \times (8 + (\sqrt{9})!! + 6!) \\
 2904 &:= ((2 + \sqrt{9})! + 0!) \times 4! \\
 2954 &:= 2 + (\sqrt{9} + 5!) \times 4! \\
 3249 &:= (3!! + 2) / \sqrt{4} \times 9 \\
 3444 &:= 3! \times (4!^{\sqrt{4}} - \sqrt{4}) \\
 3448 &:= 3! \times 4!^{\sqrt{4}} - 8 \\
 3454 &:= 3!! \times 4! / 5 - \sqrt{4} \\
 3459 &:= 3!! \times 4! / 5 + \sqrt{9} \\
 3495 &:= (3 - 4! + (\sqrt{9})!!) \times 5 \\
 3564 &:= 3!! \times 5 - \sqrt{6^4} \\
 3579 &:= 3!! \times 5 - 7 \times \sqrt{9} \\
 3589 &:= 3!! \times 5 - 8 - \sqrt{9} \\
 3592 &:= 3!! \times 5 - (\sqrt{9})! - 2 \\
 3594 &:= 3!! \times 5 - \sqrt{9} \times 4 \\
 3595 &:= (3!! + 5 - (\sqrt{9})!) \times 5 \\
 3598 &:= 3! + 5 \times (\sqrt{9})!! - 8 \\
 3738 &:= -3! + 7! - \sqrt{3!^8} \\
 3744 &:= -3!! + 7! - 4!^{\sqrt{4}} \\
 3844 &:= \sqrt{(38 + 4!)^4} \\
 3960 &:= 3! \times ((\sqrt{9})!! - 60) \\
 3996 &:= (3!! - 9 \times (\sqrt{9})!) \times 6 \\
 4088 &:= 4^{(\sqrt{0!+8})!} - 8 \\
 4093 &:= 4^{(\sqrt{0+9})!} - 3 \\
 4094 &:= -\sqrt{4} + (-0! + 9)^4 \\
 4098 &:= \sqrt{4} + \sqrt{(-0! + 9)^8} \\
 4099 &:= 4^{(\sqrt{0+9})!} + \sqrt{9} \\
 4296 &:= (-4 + (2 \times \sqrt{9})!) \times 6 \\
 4308 &:= (-\sqrt{4} + 3!!) \times (\sqrt{0! + 8})! \\
 4316 &:= \sqrt{4} + (3!! - 1) \times 6 \\
 4318 &:= -\sqrt{4} + 3! \times (\sqrt{1 + 8})!! \\
 4319 &:= (4 + 3)! - 1 - (\sqrt{9})!! \\
 4320 &:= \sqrt{4} \times 3!! \times (2 + 0!) \\
 4331 &:= (\sqrt{4} + 3!!) \times 3! - 1 \\
 4332 &:= (\sqrt{4} + 3!!) \times 3 \times 2 \\
 4334 &:= (\sqrt{4} + 3!!) \times 3! + \sqrt{4} \\
 4336 &:= -\sqrt{4} + 3! \times (3 + 6!) \\
 4346 &:= \sqrt{4} + 3! \times (4 + 6!) \\
 4368 &:= \sqrt{4} \times 3 \times (6! + 8) \\
 4466 &:= 6 \times (6! + 4!) + \sqrt{4} \\
 4608 &:= \sqrt{4!^6 / (0! + 8)} \\
 4795 &:= -\sqrt{4} + 7! - \sqrt{9^5} \\
 4816 &:= 4^{(\sqrt{\sqrt{81}})!} + 6! \\
 4944 &:= (\sqrt{49})! - 4 \times 4! \\
 4970 &:= (\sqrt{49})! - 70 \\
 4973 &:= -4^{\sqrt{9}} + 7! - 3 \\
 4974 &:= -4^{\sqrt{9}} + 7! - \sqrt{4} \\
 4976 &:= -4^{\sqrt{9}} + 7 \times 6! \\
 4977 &:= (-\sqrt{4} + (\sqrt{9})!! - 7) \times 7 \\
 4979 &:= -4^{\sqrt{9}} + 7! + \sqrt{9} \\
 4991 &:= -49 + ((\sqrt{9})! + 1)! \\
 4995 &:= (\sqrt{49})! - 9 \times 5 \\
 4997 &:= -49 + (\sqrt{9})! + 7! \\
 5027 &:= -\sqrt{5! + 0!} - 2 + 7! \\
 5029 &:= -\sqrt{5! + 0!} + (-2 + 9)! \\
 5039 &:= 5 + (0! + 3!)! - (\sqrt{9})! \\
 5040 &:= (5 + 0 + \sqrt{4})! + 0 \\
 5041 &:= (5 + 0 + \sqrt{4})! + 1 \\
 5042 &:= (5 + 0 + \sqrt{4})! + 2 \\
 5043 &:= (5 + 0 + \sqrt{4})! + 3 \\
 5044 &:= (5 + 0 + \sqrt{4})! + 4 \\
 5045 &:= (5 + 0 + \sqrt{4})! + 5
 \end{aligned}$$

$$\begin{aligned}
 5046 &:= (5 + 0 + \sqrt{4})! + 6 \\
 5047 &:= (5 + 0 + \sqrt{4})! + 7 \\
 5048 &:= (5 + 0 + \sqrt{4})! + 8 \\
 5049 &:= (5 + 0 + \sqrt{4})! + 9 \\
 \\
 5090 &:= 50 + ((\sqrt{9})! + 0)! \\
 5397 &:= 5! \times 3 - \sqrt{9} + 7! \\
 5864 &:= 5! + 8 \times (6! - \sqrt{4}) \\
 6394 &:= -6 + (3!/9)^{\sqrt{4}} \\
 6475 &:= 6! \times (\sqrt{4} + 7) - 5 \\
 6480 &:= 6!^{\sqrt{4}}/80 \\
 6494 &:= (6! + \sqrt{4}) \times 9 - 4 \\
 6498 &:= (6! + \sqrt{4}) \times 9!/8! \\
 6696 &:= \sqrt{6^6} + 9 \times 6! \\
 6719 &:= -(6 - (7 + 1)!) / (\sqrt{9})! \\
 6839 &:= (6! + 8! - 3!) / (\sqrt{9})! \\
 7199 &:= 7! - 1 + \sqrt{9} \times (\sqrt{9})!! \\
 7944 &:= 7! + (\sqrt{9})!! \times 4 + 4! \\
 8397 &:= 8!/3 - \sqrt{9} - 7! \\
 8644 &:= (8 + 6! \times 4!) / \sqrt{4} \\
 8974 &:= (8!/9 + 7) \times \sqrt{4} \\
 9360 &:= (\sqrt{9})!! \times (3! + 6 + 0!) \\
 9372 &:= -(\sqrt{9})!! + (3! + 7!) \times 2 \\
 9576 &:= ((\sqrt{9})! + 5!) \times 76 \\
 9595 &:= (\sqrt{9})!! \times 5!/9 - 5 \\
 9599 &:= ((\sqrt{9})!! \times 5! - 9) / 9 \\
 9648 &:= -(\sqrt{9})!! + 6^4 \times 8 \\
 9894 &:= -(\sqrt{9})! + (8! - (\sqrt{9})!!) / 4 \\
 9972 &:= (-9 \times (\sqrt{9})! + 7!) \times 2 \\
 \\
 10077 &:= -\sqrt{10 - 0!} + 7! + 7! \\
 \\
 10078 &:= (1 + 0!) \times \left(-0! + \left(\sqrt{\sqrt{\sqrt{7^8}}} \right)! \right) \\
 10079 &:= (1 + 0!) \times (0! + 7!) - \sqrt{9} \\
 10368 &:= (1 + 0!)^3 \times \sqrt{6^8} \\
 10729 &:= 107^2 - (\sqrt{9})!! \\
 10795 &:= -1 + (-0! + 7)! \times \sqrt{9} \times 5 \\
 10798 &:= -1 - 0! + 7! + (\sqrt{9})!! \times 8 \\
 10799 &:= -1 + (-0! + 7 + 9) \times (\sqrt{9})!! \\
 10815 &:= (1 + (\sqrt{0! + 8})!!) \times 15 \\
 11519 &:= (\sqrt{9})!! \times (15 + 1) - 1 \\
 12289 &:= 1 + (2 \times 2)! \times 8^{\sqrt{9}} \\
 12544 &:= \sqrt{(-12 + 5! + 4)^4} \\
 12599 &:= -1 + 25 \times 9! / (\sqrt{9})!! \\
 12959 &:= -1 + 2 \times 9 \times 5! \times (\sqrt{9})! \\
 12974 &:= ((1 + 2)!! \times 9 + 7) \times \sqrt{4} \\
 12975 &:= (1 + 2) \times (- (\sqrt{9})!! + 7! + 5) \\
 12993 &:= (-1 + (2 + (\sqrt{9})!!) \times (\sqrt{9})!) \times 3 \\
 12994 &:= (-1 + (2 + (\sqrt{9})!!) \times 9) \times \sqrt{4} \\
 12996 &:= 1 \times (2 + (\sqrt{9})!!) \times \sqrt{9} \times 6 \\
 12999 &:= (1 + (2 + (\sqrt{9})!!) \times (\sqrt{9})!) \times \sqrt{9} \\
 13199 &:= -1 + (-3!! + (-1 + 9)!) / \sqrt{9} \\
 13433 &:= -1 - 3! + (\sqrt{4^3})!/3 \\
 13439 &:= ((1 + 3 + 4)! - 3) / \sqrt{9} \\
 13441 &:= 1 + (3! + \sqrt{4})! / (4 - 1) \\
 13448 &:= (1 + (3! + \sqrt{4})!/4!) \times 8 \\
 13449 &:= 1 + ((3! + \sqrt{4})! + 4!) / \sqrt{9} \\
 13454 &:= 1 - 3 + (-4 + 5!)^{\sqrt{4}} \\
 13489 &:= 1 + (3! \times 4! + 8!) / \sqrt{9} \\
 13577 &:= (-1 + (\sqrt{3!!/5})!/7!) / 7 \\
 13679 &:= -1 + 3!! \times (6 + 7 + (\sqrt{9})!)
 \end{aligned}$$

$$\begin{aligned}
 13680 &:= (13 + 6) \times (\sqrt{8 + 0!})!! \\
 13695 &:= \sqrt{(1 + 3)!^6 - 9 - 5!} \\
 13817 &:= (1 + 3)!^{\sqrt{\sqrt{81}}} - 7 \\
 13822 &:= \sqrt{(1 + 3)!^{8-2} - 2} \\
 13826 &:= -1 + 3 + \sqrt{(8/2)!^6} \\
 13829 &:= -1 + 3! + (8/2)!^{\sqrt{9}} \\
 13843 &:= 1 + 3^8 \times \sqrt{4} + 3!! \\
 13849 &:= 1 + 3 \times 8 + 4!^{\sqrt{9}} \\
 13920 &:= \left(-(1 + 3)! + (\sqrt{9})!! \right) \times 20 \\
 13924 &:= \sqrt{((-1 - 3 + 9)! - 2)^4} \\
 13943 &:= -1 + 3!! / (\sqrt{9})! + 4!^3 \\
 13949 &:= (-1 + 3!)^{\sqrt{9}} + 4!^{\sqrt{9}} \\
 14359 &:= -1 + \left(-\sqrt{4} + 3!! \right) \times 5! / (\sqrt{9})! \\
 14390 &:= \left(-1 + \sqrt{4} \times 3!! \right) \times (9 + 0!) \\
 14397 &:= 1 - 4 + \left(-3!! + \sqrt{9} \times 7! \right) \\
 14399 &:= -1 + (4 + 3)! \times \sqrt{9} - (\sqrt{9})!!
 \end{aligned}$$

$$\begin{aligned}
 14400 &:= (1 + 4)!^{\sqrt{4}} + 00 \\
 14401 &:= (1 + 4)!^{\sqrt{4}} + 01 \\
 14402 &:= (1 + 4)!^{\sqrt{4}} + 02 \\
 14403 &:= (1 + 4)!^{\sqrt{4}} + 03 \\
 14404 &:= (1 + 4)!^{\sqrt{4}} + 04 \\
 14405 &:= (1 + 4)!^{\sqrt{4}} + 05 \\
 14406 &:= (1 + 4)!^{\sqrt{4}} + 06 \\
 14407 &:= (1 + 4)!^{\sqrt{4}} + 07 \\
 14408 &:= (1 + 4)!^{\sqrt{4}} + 08 \\
 14409 &:= (1 + 4)!^{\sqrt{4}} + 09 \\
 14410 &:= (1 + 4)!^{\sqrt{4}} + 10 \\
 14411 &:= (1 + 4)!^{\sqrt{4}} + 11 \\
 14412 &:= (1 + 4)!^{\sqrt{4}} + 12 \\
 14413 &:= (1 + 4)!^{\sqrt{4}} + 13
 \end{aligned}$$

$$\begin{aligned}
 14414 &:= (1 + 4)!^{\sqrt{4}} + 14 \\
 14415 &:= (1 + 4)!^{\sqrt{4}} + 15 \\
 14416 &:= (1 + 4)!^{\sqrt{4}} + 16 \\
 14417 &:= (1 + 4)!^{\sqrt{4}} + 17 \\
 14418 &:= (1 + 4)!^{\sqrt{4}} + 18 \\
 14419 &:= (1 + 4)!^{\sqrt{4}} + 19 \\
 14420 &:= (1 + 4)!^{\sqrt{4}} + 20 \\
 14421 &:= (1 + 4)!^{\sqrt{4}} + 21 \\
 14422 &:= (1 + 4)!^{\sqrt{4}} + 22 \\
 14423 &:= (1 + 4)!^{\sqrt{4}} + 23 \\
 14424 &:= (1 + 4)!^{\sqrt{4}} + 24 \\
 14425 &:= (1 + 4)!^{\sqrt{4}} + 25 \\
 14426 &:= (1 + 4)!^{\sqrt{4}} + 26 \\
 14427 &:= (1 + 4)!^{\sqrt{4}} + 27 \\
 14428 &:= (1 + 4)!^{\sqrt{4}} + 28 \\
 14429 &:= (1 + 4)!^{\sqrt{4}} + 29 \\
 14430 &:= (1 + 4)!^{\sqrt{4}} + 30 \\
 14431 &:= (1 + 4)!^{\sqrt{4}} + 31 \\
 14432 &:= (1 + 4)!^{\sqrt{4}} + 32 \\
 14433 &:= (1 + 4)!^{\sqrt{4}} + 33 \\
 14434 &:= (1 + 4)!^{\sqrt{4}} + 34 \\
 14435 &:= (1 + 4)!^{\sqrt{4}} + 35 \\
 14436 &:= (1 + 4)!^{\sqrt{4}} + 36 \\
 14437 &:= (1 + 4)!^{\sqrt{4}} + 37 \\
 14438 &:= (1 + 4)!^{\sqrt{4}} + 38 \\
 14439 &:= (1 + 4)!^{\sqrt{4}} + 39 \\
 14440 &:= (1 + 4)!^{\sqrt{4}} + 40 \\
 14441 &:= (1 + 4)!^{\sqrt{4}} + 41 \\
 14441 &:= (1 + 4)!^{\sqrt{4}} + 41 \\
 14442 &:= (1 + 4)!^{\sqrt{4}} + 42 \\
 14443 &:= (1 + 4)!^{\sqrt{4}} + 43 \\
 14444 &:= (1 + 4)!^{\sqrt{4}} + 44 \\
 14445 &:= (1 + 4)!^{\sqrt{4}} + 45
 \end{aligned}$$

$$\begin{aligned}
 14446 &:= (1 + 4)!^{\sqrt{4}} + 46 \\
 14447 &:= (1 + 4)!^{\sqrt{4}} + 47 \\
 14448 &:= (1 + 4)!^{\sqrt{4}} + 48 \\
 14449 &:= (1 + 4)!^{\sqrt{4}} + 49 \\
 14450 &:= (1 + 4)!^{\sqrt{4}} + 50 \\
 14451 &:= (1 + 4)!^{\sqrt{4}} + 51 \\
 14452 &:= (1 + 4)!^{\sqrt{4}} + 52 \\
 14453 &:= (1 + 4)!^{\sqrt{4}} + 53 \\
 14454 &:= (1 + 4)!^{\sqrt{4}} + 54 \\
 14455 &:= (1 + 4)!^{\sqrt{4}} + 55 \\
 14456 &:= (1 + 4)!^{\sqrt{4}} + 56 \\
 14457 &:= (1 + 4)!^{\sqrt{4}} + 57 \\
 14458 &:= (1 + 4)!^{\sqrt{4}} + 58 \\
 14459 &:= (1 + 4)!^{\sqrt{4}} + 59 \\
 14460 &:= (1 + 4)!^{\sqrt{4}} + 60 \\
 14461 &:= (1 + 4)!^{\sqrt{4}} + 61 \\
 14462 &:= (1 + 4)!^{\sqrt{4}} + 62 \\
 14463 &:= (1 + 4)!^{\sqrt{4}} + 63 \\
 14464 &:= (1 + 4)!^{\sqrt{4}} + 64 \\
 14465 &:= (1 + 4)!^{\sqrt{4}} + 65 \\
 14466 &:= (1 + 4)!^{\sqrt{4}} + 66 \\
 14467 &:= (1 + 4)!^{\sqrt{4}} + 67 \\
 14468 &:= (1 + 4)!^{\sqrt{4}} + 68 \\
 14469 &:= (1 + 4)!^{\sqrt{4}} + 69 \\
 14470 &:= (1 + 4)!^{\sqrt{4}} + 70 \\
 14471 &:= (1 + 4)!^{\sqrt{4}} + 71 \\
 14472 &:= (1 + 4)!^{\sqrt{4}} + 72 \\
 14473 &:= (1 + 4)!^{\sqrt{4}} + 73 \\
 14474 &:= (1 + 4)!^{\sqrt{4}} + 74 \\
 14475 &:= (1 + 4)!^{\sqrt{4}} + 75 \\
 14476 &:= (1 + 4)!^{\sqrt{4}} + 76 \\
 14477 &:= (1 + 4)!^{\sqrt{4}} + 77 \\
 14478 &:= (1 + 4)!^{\sqrt{4}} + 78
 \end{aligned}$$

$$\begin{aligned}
 14479 &:= (1 + 4)!^{\sqrt{4}} + 79 \\
 14480 &:= (1 + 4)!^{\sqrt{4}} + 80 \\
 14481 &:= (1 + 4)!^{\sqrt{4}} + 81 \\
 14482 &:= (1 + 4)!^{\sqrt{4}} + 82 \\
 14483 &:= (1 + 4)!^{\sqrt{4}} + 83 \\
 14484 &:= (1 + 4)!^{\sqrt{4}} + 84 \\
 14485 &:= (1 + 4)!^{\sqrt{4}} + 85 \\
 14486 &:= (1 + 4)!^{\sqrt{4}} + 86 \\
 14487 &:= (1 + 4)!^{\sqrt{4}} + 87 \\
 14488 &:= (1 + 4)!^{\sqrt{4}} + 88 \\
 14489 &:= (1 + 4)!^{\sqrt{4}} + 89 \\
 14490 &:= (1 + 4)!^{\sqrt{4}} + 90 \\
 14491 &:= (1 + 4)!^{\sqrt{4}} + 91 \\
 14492 &:= (1 + 4)!^{\sqrt{4}} + 92 \\
 14493 &:= (1 + 4)!^{\sqrt{4}} + 93 \\
 14494 &:= (1 + 4)!^{\sqrt{4}} + 94 \\
 14495 &:= (1 + 4)!^{\sqrt{4}} + 95 \\
 14496 &:= (1 + 4)!^{\sqrt{4}} + 96 \\
 14497 &:= (1 + 4)!^{\sqrt{4}} + 97 \\
 14498 &:= (1 + 4)!^{\sqrt{4}} + 98 \\
 14499 &:= (1 + 4)!^{\sqrt{4}} + 99 \\
 14543 &:= -1 + \left(\sqrt{4 + 5}\right)!! + 4!^3 \\
 14544 &:= (1 + 4)! + 5!^{\sqrt{4}} + 4! \\
 14545 &:= 1 + 4! + 5!^{\sqrt{4}} + 5! \\
 14549 &:= (-1 + 4)!! + 5 + 4!^{\sqrt{9}} \\
 14665 &:= 1 + \sqrt{4!^6} + 6! + 5! \\
 14739 &:= 1 \times (4! - 7)^3 \times \sqrt{9} \\
 14753 &:= -1 + \left(-\sqrt{4} + 7! - 5!\right) \times 3 \\
 14754 &:= (-1 + 4) \times \left(7! - 5! - \sqrt{4}\right) \\
 14759 &:= 1 - \sqrt{4} + (7! - 5!) \times \sqrt{9} \\
 14884 &:= \sqrt{\left((1 + 4)! + \sqrt{\sqrt{8 + 8}}\right)^4} \\
 14905 &:= (1 + 4)^{(\sqrt{9})!} - (0! + 5)!
 \end{aligned}$$

$$\begin{aligned}
 14906 &:= (1 + 4)^{(\sqrt{9})!} + 0! - 6! \\
 14975 &:= -1 - 4! + \sqrt{9} \times 7! - 5! \\
 14993 &:= -1 + (4! - \sqrt{9}) \times ((\sqrt{9})!! - 3!) \\
 14997 &:= -(1 + 4)! - \sqrt{9} + \sqrt{9} \times 7! \\
 15093 &:= ((\sqrt{-1 + 50})! - 9) \times 3 \\
 15097 &:= 1 - (5 - 0!)! + \sqrt{9} \times 7! \\
 15119 &:= -1 + (5 + 1 + 1)! \times \sqrt{9} \\
 15279 &:= (1 + 52 + 7!) \times \sqrt{9} \\
 15359 &:= -1 + 5! \times (3 + 5^{\sqrt{9}}) \\
 15424 &:= (1 + 5! \times \sqrt{4}) \times \sqrt{\sqrt{2^{4!}}} \\
 15473 &:= -1 + (5! - \sqrt{4} + 7!) \times 3 \\
 15479 &:= (1 + 5!) \times \sqrt{4^7} - 9 \\
 15488 &:= (1 + 5!) \times \sqrt{4} \times 8 \times 8 \\
 15504 &:= -1 - 5! + 5^{(0! + \sqrt{4})!} \\
 15589 &:= (-1 + 5!) \times (5! + 8 + \sqrt{9}) \\
 15595 &:= 1 \times (5^5 - (\sqrt{9})!) \times 5 \\
 15615 &:= 1 + 5^6 - \sqrt{1 + 5!} \\
 15619 &:= 1 + 5^6 - 1 - (\sqrt{9})! \\
 15649 &:= 1 \times 5^6 + 4 \times (\sqrt{9})! \\
 15746 &:= 1 + 5! + (7 - \sqrt{4})^6 \\
 15763 &:= \sqrt{1 + 5!} \times (-7 + 6! + 3!!) \\
 15839 &:= -1 + (\sqrt{\sqrt{5^8}} - 3) \times (\sqrt{9})!! \\
 15928 &:= \sqrt{1 + 5!} \times ((\sqrt{9})!! \times 2 + 8) \\
 15939 &:= \sqrt{1 + 5!} \times (9^3 + (\sqrt{9})!!) \\
 15949 &:= -\sqrt{(1 + 5!)^{\sqrt{9}}} + 4! \times (\sqrt{9})!! \\
 15967 &:= (1 + 5! + \sqrt{9} \times 6!) \times 7 \\
 16224 &:= ((\sqrt{16})! + 2)^2 \times 4! \\
 16339 &:= (-1 + 6)^{3!} + 3!! - (\sqrt{9})! \\
 16343 &:= (-1 + 6)^{3!} - \sqrt{4} + 3!! \\
 16345 &:= (-1 + 6)^{3!} + (\sqrt{4 + 5})!! \\
 16346 &:= 1 + 6! + (3 + \sqrt{4})^6 \\
 16349 &:= (-1 + 6)^{3!} + 4 + (\sqrt{9})!! \\
 16382 &:= \sqrt{\sqrt{16^{3!+8}}} - 2 \\
 16408 &:= (\sqrt{16})! + 4^{(-0!+8)} \\
 16559 &:= -1 - 6! + (5!/5) \times (\sqrt{9})!! \\
 16704 &:= (\sqrt{16})! \times ((7 - 0!)! - 4!) \\
 16783 &:= -(\sqrt{16})! + 7^{8-3} \\
 16799 &:= -1 + 6! \times 7! / (\sqrt{9})!^{\sqrt{9}} \\
 16805 &:= -\sqrt{\sqrt{16}} + (8 - 0!)^5 \\
 16885 &:= (1 - 6! + \sqrt{8^8}) \times 5 \\
 16992 &:= (\sqrt{16})! \times ((\sqrt{9})!! - (\sqrt{9})! \times 2) \\
 17039 &:= -1 + \sqrt{7! + 0!} \times 3!! / \sqrt{9} \\
 17136 &:= (\sqrt{17 - 1})! \times (3!! - 6) \\
 17248 &:= (-1 + (\sqrt{7 + 2})!!) \times 4! - 8 \\
 17253 &:= \sqrt{1 + 7!} \times (2 \times 5! + 3) \\
 17274 &:= 1 - 7 + (\sqrt{2 + 7})!! \times 4! \\
 17279 &:= -1 + (7 + 2)! / (7 \times \sqrt{9}) \\
 17280 &:= (-1 + 7)! \times (\sqrt{2 \times 8})! + 0 \\
 17281 &:= (-1 + 7)! \times (\sqrt{2 \times 8})! + 1 \\
 17282 &:= (-1 + 7)! \times (\sqrt{2 \times 8})! + 2 \\
 17283 &:= (-1 + 7)! \times (\sqrt{2 \times 8})! + 3 \\
 17284 &:= (-1 + 7)! \times (\sqrt{2 \times 8})! + 4 \\
 17285 &:= (-1 + 7)! \times (\sqrt{2 \times 8})! + 5 \\
 17286 &:= (-1 + 7)! \times (\sqrt{2 \times 8})! + 6 \\
 17287 &:= (-1 + 7)! \times (\sqrt{2 \times 8})! + 7 \\
 17288 &:= (-1 + 7)! \times (\sqrt{2 \times 8})! + 8 \\
 17289 &:= (-1 + 7)! \times (\sqrt{2 \times 8})! + 9
 \end{aligned}$$

$$\begin{aligned}
 17294 &:= 1 \times 7 \times 2 + (\sqrt{9})!! \times 4! \\
 17296 &:= (1 + 7) \times (2 + \sqrt{9} \times 6!) \\
 17329 &:= 1 + (7 - 3)! \times (2 + (\sqrt{9})!!) \\
 17349 &:= ((-1 + 7)! + 3) \times 4! - \sqrt{9} \\
 17351 &:= \sqrt{1 + 7!} + 3!! \times (5 - 1)! \\
 17395 &:= (5 + (\sqrt{9})!!/3) \times 7! \\
 17424 &:= \sqrt{((-1 + 7) \times (4! - 2))}^4 \\
 17449 &:= 1 + 7 \times 4! + 4! \times (\sqrt{9})!! \\
 17489 &:= 17 + 4! \times (8 + (\sqrt{9})!!) \\
 17527 &:= 1 \times 7^5 + (\sqrt{2 + 7})!! \\
 17529 &:= 1 \times 7^5 + 2 + (\sqrt{9})!! \\
 17584 &:= 1 \times 7! + (5! - 8)^{\sqrt{4}} \\
 17688 &:= (17 + 6!) \times (\sqrt{8 + 8})! \\
 17849 &:= -\sqrt{1 + 7!} + 8! \times 4/9 \\
 17925 &:= ((-1 + 7)! - \sqrt{9}) \times 25 \\
 17994 &:= 1 - 7 + (\sqrt{9})!! + (\sqrt{9})!! \times 4! \\
 17995 &:= (1 + (\sqrt{7 + 9})!) \times (\sqrt{9})!! - 5 \\
 17997 &:= (-1 + 7! - (\sqrt{9})!!) \times \sqrt{9} + 7! \\
 17999 &:= -1 + (7 + 9 + 9) \times (\sqrt{9})!! \\
 18025 &:= ((\sqrt{1 + 8})!! + 0!) \times 25 \\
 18145 &:= 1 + (\sqrt{81})! / (4 \times 5) \\
 18396 &:= (-1 + 8^3) \times (\sqrt{9})! \times 6 \\
 18642 &:= (-\sqrt{1 + 8} + 6!) \times (4! + 2) \\
 18793 &:= 1 + 87 \times (\sqrt{9})!^3 \\
 18963 &:= \sqrt{(18 + 9)^6} - 3!! \\
 18969 &:= \sqrt{(1 + 8)^9} - 6! + (\sqrt{9})! \\
 19044 &:= 1 \times ((\sqrt{9})! \times (-0! + 4!))^{\sqrt{4}} \\
 19344 &:= ((1 + \sqrt{9})! + 3!!) \times (4! + \sqrt{4})
 \end{aligned}$$

$$\begin{aligned}
 19395 &:= 1 \times 9 \times 3 \times (\sqrt{9})!! - 5 \\
 19413 &:= (-1 + (\sqrt{9})!!) \times (4 - 1)^3 \\
 19433 &:= -1 + (\sqrt{9} + 4!) \times 3!! - 3! \\
 19435 &:= (-1 + (\sqrt{9})!^4) \times 3 \times 5 \\
 19436 &:= -1 - \sqrt{9} + (4! + 3) \times 6! \\
 19437 &:= (-1 + (\sqrt{9})!)!^{\sqrt{4}} - 3 + 7! \\
 19439 &:= -1 + (\sqrt{9 \times 4})! \times 3 \times 9 \\
 19440 &:= 1 \times (\sqrt{9} + 4!) \times (4 - 0)!! \\
 19441 &:= 1 + (\sqrt{9} + 4!) \times (4 - 1)!! \\
 19443 &:= (1 + 9 \times (4 + \sqrt{4})!) \times 3 \\
 19447 &:= -1 - (\sqrt{9})!! + 4 \times (\sqrt{4} + 7!) \\
 19449 &:= (1 + \sqrt{9} \times (4 + \sqrt{4})!) \times 9 \\
 19456 &:= 19 \times \sqrt{\sqrt{45!/6}} \\
 19464 &:= 1 \times (\sqrt{9} + 4!) \times 6! + 4! \\
 19467 &:= (1 + (\sqrt{9})!!) \times \sqrt{\sqrt{4} + 6! + 7} \\
 19493 &:= -1 + ((\sqrt{9})!! + \sqrt{4}) \times 9 \times 3 \\
 19494 &:= 1 \times (\sqrt{9} + 4!) \times ((\sqrt{9})!! + \sqrt{4}) \\
 19539 &:= -1 \times (\sqrt{9})!!/5 + 3^9 \\
 19693 &:= 1 + 9 + \sqrt{(6! + 9)^3} \\
 19792 &:= (1 + \sqrt{9}) \times (7! - 92) \\
 19800 &:= 1 \times (- (\sqrt{9})!! + 8!) / (0! + 0!) \\
 19801 &:= 1 + (- (\sqrt{9})!! + 8!) / (0! + 1) \\
 19824 &:= 1 \times (- (\sqrt{9})!! + 8!) / 2 + 4! \\
 20184 &:= (2^{0!+1})! + 8! / \sqrt{4} \\
 20455 &:= (\sqrt{20+4!} - 5) \times 5 \\
 20495 &:= (\sqrt{20+4!} + \sqrt{9}) \times 5 \\
 20738 &:= 2 + \sqrt{(-0! + 7 + 3!)^8} \\
 20882 &:= 2 + (\sqrt{0! + 8})!! + 8!/2
 \end{aligned}$$

$$\begin{aligned}
 20884 &:= (2 + 0!)!! + (8 + 8!) / \sqrt{4} \\
 20909 &:= (20 + 9) \times (0! + (\sqrt{9})!!) \\
 21184 &:= (2^{11} + 8!) / \sqrt{4} \\
 21579 &:= -21 + 5 \times (7! - (\sqrt{9})!!) \\
 21594 &:= -(2 + 1)! + 5! \times (\sqrt{9})!! / 4 \\
 21595 &:= 2 \times 15 \times (\sqrt{9})!! - 5 \\
 21596 &:= 2 + (-1 + 5 \times (\sqrt{9})!!) \times 6 \\
 21597 &:= -2 - 1 + 5 \times (- (\sqrt{9})!! + 7!) \\
 21598 &:= 2 \times (-1 + 5! \times (\sqrt{9})!! / 8) \\
 21599 &:= -2 + 1 + 5 \times (\sqrt{9})! \times (\sqrt{9})!! \\
 22319 &:= -2/2 + 31 \times (\sqrt{9})!! \\
 22968 &:= (2 \times 2)! \times (-\sqrt{9} - 6!) + 8! \\
 22984 &:= (2 + (-2 + (\sqrt{9})!!) \times 8) \times 4 \\
 23298 &:= 2 + 32 \times ((\sqrt{9})!! + 8) \\
 23326 &:= -2 + 3!^{3!} / \sqrt{-2 + 6} \\
 23329 &:= -2 + 3!^{3!} / 2 + \sqrt{9} \\
 23465 &:= (2 + 3!!) / \sqrt{4} \times 65 \\
 23595 &:= (-2 + 35) \times ((\sqrt{9})!! - 5) \\
 23669 &:= \sqrt{(23 + 6)^6} - (\sqrt{9})!! \\
 23694 &:= (-2 + (\sqrt{36})!) \times (9 + 4!) \\
 23856 &:= (\sqrt{2^{3 \times 8}} - 5!) \times 6 \\
 24334 &:= (2 + (4! - 3))^3 \times \sqrt{4} \\
 24390 &:= (2 + 4! + 3)^{\sqrt{9}} + 0! \\
 24431 &:= (\sqrt{2^{4!}} - 4!) \times 3! - 1 \\
 24432 &:= (\sqrt{2^{4!}} - 4!) \times 3 \times 2 \\
 24434 &:= (\sqrt{2^{4!}} - 4!) \times 3! + \sqrt{4} \\
 24453 &:= \sqrt{\sqrt{2^{4!}} + (4! + 5)^3} \\
 24456 &:= (\sqrt{2^{4!}} - 4 \times 5) \times 6 \\
 24476 &:= 2 \times (-\sqrt{4} + (4! - 7) \times 6!) \\
 24528 &:= (-2 + 4^5) \times (\sqrt{2 \times 8})! \\
 24538 &:= (\sqrt{2^{4!}} - 5) \times 3! - 8 \\
 24565 &:= \sqrt{(-2 + 4! - 5)^6} \times 5 \\
 24568 &:= 2^{\sqrt{4!+5!}} \times 6 - 8 \\
 24594 &:= 2 \times (-4! + (5! - 9)^{\sqrt{4}}) \\
 24598 &:= (\sqrt{2^{4!}} + 5) \times (\sqrt{9})! - 8 \\
 24606 &:= (\sqrt{2^{4!}} + 6 - 0!) \times 6 \\
 24612 &:= (\sqrt{2^{4!}} + 6) \times (1 + 2)! \\
 24696 &:= \sqrt{2^{4!}} \times 6 + (\sqrt{9})!! / 6 \\
 24975 &:= (-2 \times 4! + \sqrt{9} + 7!) \times 5 \\
 25187 &:= 2 + 5 \times (-\sqrt{1 + 8} + 7!) \\
 25192 &:= 2 + 5 \times (((1 + (\sqrt{9})!)!)! - 2) \\
 25194 &:= -2 + 5 \times (1 + (\sqrt{9})!)! - 4 \\
 25196 &:= 2 + 5 \times (1 + (\sqrt{9})!)! - 6 \\
 25199 &:= 2 + 5 \times (1 + (\sqrt{9})!)! - \sqrt{9} \\
 25205 &:= (((\sqrt{25} + 2)! + 0!) \times 5 \\
 25668 &:= (-2 - 5 + 6!) \times \sqrt{\sqrt{6^8}} \\
 25790 &:= (-2 + 5! + 7!) \times (((\sqrt{9})! - 0!) \\
 25795 &:= (2 + 5! + 7! - \sqrt{9}) \times 5 \\
 25798 &:= -2 + (5! + 7!) \times (-\sqrt{9} + 8) \\
 25918 &:= -2 - 5!^{\sqrt{9}-1} + 8! \\
 25920 &:= (-2 + 5)!! \times (\sqrt{9})!^2 + 0 \\
 25921 &:= (-2 + 5)!! \times (\sqrt{9})!^2 + 1 \\
 25922 &:= (-2 + 5)!! \times (\sqrt{9})!^2 + 2 \\
 25923 &:= (-2 + 5)!! \times (\sqrt{9})!^2 + 3 \\
 25924 &:= (-2 + 5)!! \times (\sqrt{9})!^2 + 4 \\
 25925 &:= (-2 + 5)!! \times (\sqrt{9})!^2 + 5 \\
 25926 &:= (-2 + 5)!! \times (\sqrt{9})!^2 + 6
 \end{aligned}$$

$$\begin{aligned}
 25927 &:= (-2 + 5)!! \times (\sqrt{9})!^2 + 7 \\
 25928 &:= (-2 + 5)!! \times (\sqrt{9})!^2 + 8 \\
 25929 &:= (-2 + 5)!! \times (\sqrt{9})!^2 + 9 \\
 \\
 25932 &:= (-2 + 5)! \times \left((\sqrt{9})! \times 3!! + 2 \right) \\
 25968 &:= (-2 + 5)! \times \left((\sqrt{9})! \times 6! + 8 \right) \\
 25992 &:= 2 \times (5! - 9 + \sqrt{9})^2 \\
 25994 &:= 2 + (5! \times 9 + \sqrt{9}) \times 4! \\
 26354 &:= 2 + 6^3 \times (5! + \sqrt{4}) \\
 26493 &:= (2 + 6)! - 4!^{\sqrt{9}} - 3 \\
 26494 &:= (2 + 6)! - 4!^{\sqrt{9}} - \sqrt{4} \\
 26498 &:= 2 - (6 \times 4)^{\sqrt{9}} + 8! \\
 26499 &:= (2 + 6)! - 4!^{\sqrt{9}} + \sqrt{9} \\
 26880 &:= ((2 + 6)! + 8!) / \sqrt{8 + 0!} \\
 26890 &:= 2 \times (6 + 8! / \sqrt{9} - 0!) \\
 26891 &:= 2 \times (6 + 8! / \sqrt{9}) - 1 \\
 26892 &:= 2 \times (\sqrt{9} + 8! / 6) \times 2 \\
 26894 &:= 2 + 6 \times (8! / 9 + \sqrt{4}) \\
 26896 &:= 2 \times ((6 + 8!) / \sqrt{9} + 6) \\
 27384 &:= (\sqrt{2 + 7})!! \times 38 + 4! \\
 27392 &:= 2^7 \times (3!^{\sqrt{9}} - 2) \\
 27646 &:= 2 \times (-7 + 6 + \sqrt{4!^6}) \\
 27746 &:= 2 \times (7 \times 7 + \sqrt{4!^6}) \\
 27837 &:= -2 - \sqrt{7^8} + 3! \times 7! \\
 28544 &:= -2^8 + \sqrt{5!^4} \times 4 \\
 28640 &:= -(\sqrt{2 \times 8} - 6!) \times 40 \\
 28704 &:= (-2^8 + 7!) \times (0! + \sqrt{4})! \\
 28790 &:= (-2 + 8! / 7) \times ((\sqrt{9})! - 0!) \\
 28795 &:= (2 + 8! / 7 - \sqrt{9}) \times 5 \\
 28798 &:= -2 - 8! / 7 \times (\sqrt{9} - 8) \\
 \\
 28896 &:= \left(\sqrt{2^{(\sqrt{8+8})!}} + (\sqrt{9})!! \right) \times 6 \\
 29280 &:= 2 \times \left(\sqrt{(9 + 2)^8} - 0! \right) \\
 29294 &:= 2 \times \left((\sqrt{9})! + (2 + 9)^4 \right) \\
 29374 &:= -2 - (\sqrt{9})!! + 3! \times (7! - 4!) \\
 29376 &:= \left(-(-2 + (\sqrt{9})!)! \times 3! + 7! \right) \times 6 \\
 29414 &:= (-2 + (\sqrt{9})!!) \times 41 - 4! \\
 29476 &:= -2 + (\sqrt{9})! \times \sqrt{(4! - 7)^6} \\
 29496 &:= ((-2 + 9)! - 4) \times (\sqrt{9})! - 6! \\
 29518 &:= -2 + (\sqrt{9})! \times (-5! + (-1 + 8)!) \\
 29522 &:= 2 + (\sqrt{9})!! + 5!^2 \times 2 \\
 29526 &:= 2 \times (\sqrt{9} + 5!^2) + 6! \\
 29641 &:= -2 + (\sqrt{9} + 6!) \times 41 \\
 29790 &:= \left((-2 + (\sqrt{9})!)! + 7 \right)^{\sqrt{9}} - 0! \\
 29791 &:= \left((-2 + (\sqrt{9})!)! + 7 \right)^{\sqrt{9}} \times 1 \\
 29952 &:= 2^{(\sqrt{9})!} \times 9 \times 52 \\
 29976 &:= (-2 + (- (\sqrt{9})! + (\sqrt{9})!!)) \times 7 \times 6 \\
 29979 &:= -29 \times 9 + 7! \times (\sqrt{9})! \\
 30096 &:= ((3! + 0!)! - (0! + \sqrt{9})!) \times 6 \\
 30186 &:= ((3! + 0!)! - 1 - 8) \times 6 \\
 30198 &:= 3! \times (0! + (1 + (\sqrt{9})!)! - 8) \\
 30274 &:= 3! \times ((0! + 2)! + 7!) - \sqrt{4} \\
 30279 &:= 3 \times (0! + 2 \times (7! + (\sqrt{9})!)) \\
 30384 &:= (-30 + \sqrt{3!^8}) \times 4! \\
 30597 &:= 3 \times (-0! + 5!) + (\sqrt{9})! \times 7! \\
 30624 &:= 3! \times \left((0! + 6)! + \sqrt{\sqrt{2^4!}} \right) \\
 30947 &:= 3!! - 0! + (\sqrt{9})! \times (-\sqrt{4} + 7!) \\
 30957 &:= -3 - 0 + (\sqrt{9})! \times (5! + 7!)
 \end{aligned}$$

$$30960 := 3! \times (0! + (\sqrt{9})!)! + 6! + 0$$

$$30961 := 3! \times (0! + (\sqrt{9})!)! + 6! + 1$$

$$30962 := 3! \times (0! + (\sqrt{9})!)! + 6! + 2$$

$$30963 := 3! \times (0! + (\sqrt{9})!)! + 6! + 3$$

$$30964 := 3! \times (0! + (\sqrt{9})!)! + 6! + 4$$

$$30965 := 3! \times (0! + (\sqrt{9})!)! + 6! + 5$$

$$30966 := 3! \times (0! + (\sqrt{9})!)! + 6! + 6$$

$$30967 := 3! \times (0! + (\sqrt{9})!)! + 6! + 7$$

$$30968 := 3! \times (0! + (\sqrt{9})!)! + 6! + 8$$

$$30969 := 3! \times (0! + (\sqrt{9})!)! + 6! + 9$$

$$30972 := 3!! - 0 + (\sqrt{9})! \times (7! + 2)$$

$$30979 := 3!! + 0! + (\sqrt{9} + 7!) \times (\sqrt{9})!$$

$$30984 := \left(-3! + 0! + \sqrt{(\sqrt{9})!^8} \right) \times 4!$$

$$30996 := 3!! + \left((0! + (\sqrt{9})!)! + (\sqrt{9})! \right) \times 6$$

$$30997 := 3!! + 0! + (\sqrt{9})! \times \left((\sqrt{9})! + 7! \right)$$

$$31104 := \sqrt{3!^{1 \times 10}} \times 4$$

$$31679 := (\sqrt{9})! \times 7! + 6! - 1 + 3!!$$

$$31944 := (3! + 1 \times (\sqrt{9})!!) \times 44$$

$$31974 := 3! \times (1 + 9!/7!)^{\sqrt{4}}$$

$$32048 := -3!! + \sqrt{2^{0+4!}} \times 8$$

$$32445 := (3!! + 2/\sqrt{4}) \times 45$$

$$32448 := 3! \times (2 + 4!)^{\sqrt{4}} \times 8$$

$$32490 := (3!! + 2/\sqrt{4}) \times 90$$

$$32784 := \left((3! - 2)^7 + 8 \right) \times \sqrt{4}$$

$$32835 := (\sqrt{3^{2 \times 8}} + 3!) \times 5$$

$$32888 := (3 + 2)! + 8 \times \sqrt{8^8}$$

$$32985 := (3!^2 + \sqrt{9^8}) \times 5$$

$$32989 := (-3 + 2 + 9!) / (8 + \sqrt{9})$$

$$33124 := (3!! / (3 + 1) + 2)^{\sqrt{4}}$$

$$33485 := -3 + (3 \times \sqrt{4})! + 8^5$$

$$33488 := 3!! + (3! + \sqrt{4}) \times \sqrt{8^8}$$

$$33489 := (3 + 3!!/4)^{(8 - (\sqrt{9})!)}$$

$$33492 := 3 + (3!!/4 + \sqrt{9})^2$$

$$33494 := 3! + 3!! + \sqrt{4^{-9+4!}}$$

$$33595 := (-3! + (3 + 5)!) / (\sqrt{9})! \times 5$$

$$33696 := (3!^3 + 6!) \times (\sqrt{9})! \times 6$$

$$33759 := -3 \times 3^7 + (5 + \sqrt{9})!$$

$$33768 := 3!^3 \times \sqrt{7^6} - 8!$$

$$33798 := -3!! + 3! \times (-7 + (\sqrt{9})!! \times 8)$$

$$33844 := 3!! + ((3!! + 8) / 4)^{\sqrt{4}}$$

$$33981 := (3 + 3!!) \times \left((\sqrt{9})! \times 8 - 1 \right)$$

$$34269 := -3 + 4! \times 2 \times (6! - (\sqrt{9})!)$$

$$34368 := (3!! - 4) \times \sqrt{36} \times 8$$

$$34398 := 3! \times (-4! - 3 + (\sqrt{9})!! \times 8)$$

$$34440 := 3!! \times 4! \times \sqrt{4} - (4 + 0)!$$

$$34454 := \left((3!! - \sqrt{4}) \times 4! - 5 \right) \times \sqrt{4}$$

$$34464 := 3 \times 4 \times 4 \times (6! - \sqrt{4})$$

$$34480 := (3!! \times 4! \times \sqrt{4}) - 80$$

$$34488 := -3^{4+\sqrt{4}} \times 8 + 8!$$

$$34492 := (-34 + 4! \times (\sqrt{9})!!) \times 2$$

$$34494 := (3!! \times 4! - 4! - 9) \times \sqrt{4}$$

$$34497 := 3!! \times 4! \times \sqrt{4} - 9 \times 7$$

$$34548 := 3! \times (-\sqrt{4} + 5! \times 48)$$

$$34554 := (-3 + (4! + 5!) \times 5!) \times \sqrt{4}$$

$$34555 := \sqrt{3! \times 4!^5} \times 5 - 5$$

$$34572 := 3! \times \left((\sqrt{4 + 5})!! + 7! + 2 \right)$$

$$34574 := (3! \times 4! \times 5! + 7) \times \sqrt{4}$$

$$\begin{aligned}
 34584 &:= 3!^{\sqrt{4}} \times 5! \times 8 + 4! & 35281 &:= - \left(\sqrt{-3 + 52} \right)! + 8! + 1 \\
 34596 &:= (3 + 4! \times 5!) \times \left((\sqrt{9})! + 6 \right) & 35282 &:= - \left(\sqrt{-3 + 52} \right)! + 8! + 2 \\
 34608 &:= 3 \times \sqrt{4} \times (6! + 0!) \times 8 & 35283 &:= - \left(\sqrt{-3 + 52} \right)! + 8! + 3 \\
 34614 &:= (3 + 4! \times (6! + 1)) \times \sqrt{4} & 35284 &:= - \left(\sqrt{-3 + 52} \right)! + 8! + 4 \\
 34629 &:= -3 + 4! \times (6! \times 2 + \sqrt{9}) & 35285 &:= - \left(\sqrt{-3 + 52} \right)! + 8! + 5 \\
 34644 &:= \left(-3! + 4! \times (6! + \sqrt{4}) \right) \times \sqrt{4} & 35286 &:= - \left(\sqrt{-3 + 52} \right)! + 8! + 6 \\
 34692 &:= \left(-3! + 4! \times (6! + \sqrt{9}) \right) \times 2 & 35287 &:= - \left(\sqrt{-3 + 52} \right)! + 8! + 7 \\
 34702 &:= (3!! \times 4! + \sqrt{7! + 0!}) \times 2 & 35288 &:= - \left(\sqrt{-3 + 52} \right)! + 8! + 8 \\
 34728 &:= (3!! \times \sqrt{4} + 7) \times (\sqrt{2 \times 8})! & 35289 &:= - \left(\sqrt{-3 + 52} \right)! + 8! + 9 \\
 34734 &:= 3! + 4! \times (7 + 3!! \times \sqrt{4}) & & \\
 34774 &:= (-3 \times 4! + 7!) \times 7 - \sqrt{4} & 35344 &:= ((3! - 53) \times 4)^{\sqrt{4}} \\
 34779 &:= (-3 \times 4! + 7!) \times 7 + \sqrt{9} & 35378 &:= (3!! + 5 - 3) \times \sqrt{\sqrt{7^8}} \\
 34795 &:= 3!! + 47 \times \left((\sqrt{9})!! + 5 \right) & 35707 &:= \left(\sqrt{3!! \times 5 + 7! + 0!} \right) \times 7 \\
 34797 &:= (-3 \times 4! + 7! + \sqrt{9}) \times 7 & 35777 &:= \left(\sqrt{3! - 5 + 7! + 7!} \right) \times 7 \\
 34836 &:= 3! \times \left(-\sqrt{4} + 8 \times (3! + 6!) \right) & 35784 &:= 3! \times \left(-5! + \sqrt{78^4} \right) \\
 34839 &:= \sqrt{\sqrt{(3 + 4)^8} \times (3!! - 9)} & 35949 &:= \sqrt{3!!/5} + (9 + 4!)^{\sqrt{9}} \\
 34848 &:= (3!! - \sqrt{4} + 8) \times 48 & 35950 &:= (3!! + 5 - (\sqrt{9})!) \times 50 \\
 34944 &:= (3!! + \sqrt{4\sqrt{9}}) \times \sqrt{4} \times 4! & 35970 &:= -3! \times (5 + (\sqrt{9})!!) + (7 + 0!)! \\
 34950 &:= (3 - 4! + (\sqrt{9})!!) \times 50 & 35994 &:= -3! + 5 \times (\sqrt{9})!! \times ((\sqrt{9})! + 4) \\
 34956 &:= 3! \times (4! \times \sqrt{9^5} - 6) & 35995 &:= 3!! \times (59 - 9) - 5 \\
 34968 &:= -3! \times (4 - \sqrt{9^6} \times 8) & 35997 &:= -3 + 5 \times (\sqrt{9})!! \times (\sqrt{9} + 7) \\
 34986 &:= 3!^{\sqrt{49}}/8 - 6 & 35998 &:= 3 - 5 - (\sqrt{9})! \times (\sqrt{9})!! + 8! \\
 34989 &:= 3!^{\sqrt{49}}/8 - \sqrt{9} & 35999 &:= \left(\sqrt{(3!! \times 5)^{\sqrt{9}}} - (\sqrt{9})! \right) / (\sqrt{9})! \\
 34991 &:= 3!^4 \times 9 \times \sqrt{9} - 1 & 36050 &:= \left((\sqrt{36})! + 0! \right) \times 50 \\
 34994 &:= 3!^4 \times 9 \times \sqrt{9} + \sqrt{4} & 36224 &:= (\sqrt{36} + 2)! - \sqrt{2^4!} \\
 34995 &:= 3 + 4! \times (\sqrt{9})! \times \sqrt{9^5} & 36288 &:= (3 + 6)! / (2 + \sqrt{8 \times 8}) \\
 34998 &:= 3 \times \left(\sqrt{4} + 9 \times \sqrt{(\sqrt{9})!^8} \right) & 36348 &:= -3 - \sqrt{63^4} + 8! \\
 35279 &:= (3 + 5)! + 2 - 7! - \sqrt{9} & 36414 &:= (-3! + 6!)^{\sqrt{4}} / 14 \\
 35280 &:= - \left(\sqrt{-3 + 52} \right)! + 8! + 0 & 36465 &:= (\sqrt{3^6} + 4!) \times (6! - 5)
 \end{aligned}$$

$$\begin{aligned}
 36757 &:= (\sqrt{3!^6} + 7! - 5) \times 7 \\
 36792 &:= (\sqrt{3!^6} + 7!) \times (9 - 2) \\
 36798 &:= -3 + 6 \times 7! + \sqrt{9^8} \\
 37044 &:= (3 \times 7)^{0!+\sqrt{4}} \times 4 \\
 37424 &:= (-3!! + (7! - \sqrt{4}) \times 2) \times 4 \\
 37435 &:= (3 + \sqrt{7^4}) \times 3!! - 5 \\
 37438 &:= -\sqrt{-3+7} - 4 \times 3!! + 8! \\
 37464 &:= ((3 + 7!) \times \sqrt{4} - 6!) \times 4 \\
 37467 &:= 3^7 + (\sqrt{4} + 6)! - 7! \\
 37468 &:= (3!! - 7) \times (\sqrt{4} - 6) + 8! \\
 37789 &:= (3!! - 7) \times (7 \times 8 - \sqrt{9}) \\
 37794 &:= -3! + 7 \times (7! + (\sqrt{9})!!/\sqrt{4}) \\
 37893 &:= -3^7 + 8! - (\sqrt{9})!!/3 \\
 37895 &:= (-3 + 7 \times 8) \times ((\sqrt{9})!! - 5) \\
 37899 &:= 3^7 \times (8 + 9) + (\sqrt{9})!! \\
 37998 &:= 3!^7 - (\sqrt{9})! \times (\sqrt{9} + 8!) \\
 38148 &:= -3 \times ((\sqrt{\sqrt{81}})!! + 4) + 8! \\
 38169 &:= 3! + 8! + (1 - 6!) \times \sqrt{9} \\
 38184 &:= -3 \times (\sqrt{\sqrt{81}})!! + 8! + 4! \\
 38394 &:= \sqrt{3!^8} \times (3!! - 9) / 4! \\
 38397 &:= (7! - (\sqrt{9})!!/3) \times 8 - 3 \\
 38398 &:= -(3! + 8 \times 3!!) / \sqrt{9} + 8! \\
 38405 &:= (3! + 8)^4 - \sqrt{0! + 5!} \\
 38409 &:= (3! + 8)^4 - 0! - (\sqrt{9})! \\
 38414 &:= (3! + 8)^4 - 1 \times \sqrt{4} \\
 38416 &:= (38 - 4!)^{\sqrt{16}} \\
 38419 &:= (3! + 8)^4 + 1 \times \sqrt{9} \\
 38496 &:= -3! \times (\sqrt{8^4} - 9 \times 6!) \\
 38544 &:= (3! + \sqrt{(8 \times 5)^4}) \times 4!
 \end{aligned}$$

$$\begin{aligned}
 38598 &:= 3! \times (-8 - 5! + \sqrt{9^8}) \\
 38646 &:= 3^8 \times \sqrt{\sqrt{6^4} - 6!} \\
 38848 &:= -(3!! + 8 + 8) \times \sqrt{4} + 8! \\
 38869 &:= -3!! + 8! - 8 - 6! - \sqrt{9} \\
 38872 &:= -3!! - 8 + 8! - (\sqrt{7+2})!! \\
 38873 &:= -3!! + (\sqrt{8 \times 8})! - 7 - 3!! \\
 38879 &:= -3!! - 8 + 8! + 7 - (\sqrt{9})!! \\
 38880 &:= -3!! \times \sqrt{\sqrt{8+8}} + 8! + 0 \\
 38881 &:= -3!! \times \sqrt{\sqrt{8+8}} + 8! + 1 \\
 38882 &:= -3!! \times \sqrt{\sqrt{8+8}} + 8! + 2 \\
 38883 &:= -3!! \times \sqrt{\sqrt{8+8}} + 8! + 3 \\
 38883 &:= -3!! \times \sqrt{\sqrt{8+8}} + 8! + 3 \\
 38884 &:= -3!! \times \sqrt{\sqrt{8+8}} + 8! + 4 \\
 38885 &:= -3!! \times \sqrt{\sqrt{8+8}} + 8! + 5 \\
 38886 &:= -3!! \times \sqrt{\sqrt{8+8}} + 8! + 6 \\
 38887 &:= -3!! \times \sqrt{\sqrt{8+8}} + 8! + 7 \\
 38888 &:= -3!! \times \sqrt{\sqrt{8+8}} + 8! + 8 \\
 38889 &:= -3!! \times \sqrt{\sqrt{8+8}} + 8! + 9 \\
 38894 &:= 3! + 8 + 8! - (\sqrt{9})!! \times \sqrt{4} \\
 38895 &:= -\sqrt{3!^8} + 8! - 9 - 5! \\
 38904 &:= -3!! + 8! - (\sqrt{9})!! - 0 + 4! \\
 38944 &:= -3!! + 8! - (\sqrt{9})!! + \sqrt{\sqrt{\sqrt{4^4!}}} \\
 38948 &:= -(3! + 8)^{\sqrt{9}} / \sqrt{4} + 8! \\
 38952 &:= \sqrt{\sqrt{3!^8}} \times (9 \times 5! + 2) \\
 38979 &:= (3 + 8 - (\sqrt{9})!! + 7!) \times 9 \\
 38983 &:= -3! + 8! - (\sqrt{9} + 8)^3 \\
 38986 &:= -3 + 8! - \sqrt{(\sqrt{9} + 8)^6}
 \end{aligned}$$

$$38988 := -\sqrt{3!^8} - \sqrt{\sqrt{(\sqrt{9})!^8}} + 8!$$

$$38998 := -(3+8)^{\sqrt{9}} + 9 + 8!$$

$$39096 := (3!! + \sqrt{9} + 0!) \times 9 \times 6$$

$$39248 := 3!! \times 9 + \sqrt{2^4!} \times 8$$

$$39258 := 3 \times \sqrt{9} \times (2-5!) + 8!$$

$$39294 := 3^9 \times 2 - \sqrt{9} \times 4!$$

$$39297 := (3! \times (\sqrt{9})! - 2)^{\sqrt{9}} - 7$$

$$39347 := (3^9 - 3!) \times \sqrt{4} - 7$$

$$39354 := 3! \times (\sqrt{9^{3+5}} - \sqrt{4})$$

$$39378 := -3!! - (\sqrt{9})! \times 37 + 8!$$

$$39414 := (3^9 + 4!) \times 1 \times \sqrt{4}$$

$$39438 := 3! \times (\sqrt{9} \times 4 + 3^8)$$

$$39448 := (- (3!^{\sqrt{9}} + \sqrt{4}) \times 4 + 8!)$$

$$39468 := -\sqrt{(3! + (\sqrt{9})!!) \times 4! - 6! + 8!}$$

$$39478 := 3! - (\sqrt{9})!! - \sqrt{4^7} + 8!$$

$$39538 := -3^{(\sqrt{9})!} - 53 + 8!$$

$$39546 := -3! \times (9 + 5!) + (\sqrt{4} + 6)!$$

$$39548 := -3! \times (9 + 5!) + \sqrt{4} + 8!$$

$$39550 := -3!! + (\sqrt{9} + 5)! - 50$$

$$39555 := (3!! - \sqrt{9}) \times 55 + 5!$$

$$39564 := -3!! + (\sqrt{9} + 5)! - \sqrt{6^4}$$

$$39570 := -3!! - (\sqrt{9})! \times 5 + (7 + 0)!!$$

$$39578 := -3!! - \sqrt{9} \times 5 - 7 + 8!$$

$$39579 := -3!! + (\sqrt{9} + 5)! - 7 \times \sqrt{9}$$

$$39581 := -1 + 8! - (5! + \sqrt{9}) \times 3!$$

$$39582 := -3! \times (\sqrt{9} + 5!) + (\sqrt{8^2})!$$

$$39583 := -3^{(\sqrt{9})!} - 5 + 8! - 3$$

$$39584 := 3 - (\sqrt{9})!! + (5 + 8!) - 4!$$

$$39586 := -3 \times \sqrt{9} - 5 + 8! - 6!$$

$$39587 := -3! - (\sqrt{9})! \times 5! + 8! - 7$$

$$39589 := 3 - (\sqrt{9})!! - 5 + 8! - 9$$

$$39590 := -3!! - 9 + (5 + \sqrt{9})! - 0!$$

$$39591 := -3 \times \sqrt{9^5} + (9 - 1)!$$

$$39592 := -3! + (\sqrt{9} + 5)! - (\sqrt{9})!! - 2$$

$$39594 := (3^9 + 5! - (\sqrt{9})!) \times \sqrt{4}$$

$$39595 := -(-3 + 9)! + (5 + \sqrt{9})! - 5$$

$$39597 := -3 - (\sqrt{9})!! + (5 + \sqrt{9}) \times 7!$$

$$39598 := -(-3 + 9)! - 5 + \sqrt{9} + 8!$$

$$39599 := -3!! + (\sqrt{9} + 5)! - 9/9$$

$$39618 := 3 \times (\sqrt{9})! - 6! + 1 \times 8!$$

$$39648 := -3!! + 96/\sqrt{4} + 8!$$

$$39654 := (3^9 + 6!/5) \times \sqrt{4}$$

$$39655 := (3/\sqrt{9} + 6!) \times 55$$

$$39678 := -3!! + (\sqrt{9})! \times (6 + 7) + 8!$$

$$39784 := -3!!/9 \times 7 + 8! + 4!$$

$$39789 := 3 \times 9 \times 7 + 8! - (\sqrt{9})!!$$

$$39798 := 3! \times (9!/7! + \sqrt{9^8})$$

$$39808 := - (3!/ \sqrt{9})^{8+0!} + 8!$$

$$39828 := (3 - 9) \times 82 + 8!$$

$$39834 := (-3^9 + 8! - 3!!) \times \sqrt{4}$$

$$39835 := 3!!/\sqrt{9} + 8! - 3!! - 5$$

$$39840 := 3!!/\sqrt{9} + 8! - (4 - 0)!!$$

$$39842 := 3^9 + (8! - \sqrt{4})/2$$

$$39844 := 3^9 + (8! + \sqrt{4})/\sqrt{4}$$

$$39848 := (-3!^{\sqrt{9}} + 8!) - \sqrt{4^8}$$

$$39849 := 3^9 + 8!/ \sqrt{4} + (\sqrt{9})!$$

$$39864 := 3!!/\sqrt{9} + 8! - 6! + 4!$$

$$39878 := 3! + ((\sqrt{9})!! - 8) \times 7 \times 8$$

$$39930 := (3! + (\sqrt{9})!!) \times (9 \times 3! + 0!)$$

$$39954 := -3! + (\sqrt{9})!! \times (-9 + 5!) / \sqrt{4}$$

$$39957 := -3 + 9 \times (-(\sqrt{9})!! + 5! + 7!)$$

$$39958 := -3! / \sqrt{9} - \sqrt{9} \times 5! + 8!$$

$$39960 := (3!! - 9 \times (\sqrt{9})!) \times 60$$

$$39978 := 3! \times ((\sqrt{9})! - 9 \times 7) + 8!$$

$$39983 := (-3!! + (- (\sqrt{9})! + (\sqrt{9})!!) \times 8!) / 3!!$$

$$39984 := (3!! - (\sqrt{9})!) \times ((\sqrt{9})! + 8) \times 4$$

$$39987 := 3 + ((\sqrt{9})!! - (\sqrt{9})!) \times 8 \times 7$$

$$39988 := -3! \times 9 \times (\sqrt{9})! + 8! - 8$$

$$40178 := -\sqrt{4 \times (0 + 1 + 7!)} + 8!$$

$$40198 := -(4 + 0!)! + 1 - \sqrt{9} + 8!$$

$$40258 := \sqrt{4} \times (0! - 2^5) + 8!$$

$$40280 := -\sqrt{40^2} + 8! + 0$$

$$40281 := -\sqrt{40^2} + 8! + 1$$

$$40282 := -\sqrt{40^2} + 8! + 2$$

$$40283 := -\sqrt{40^2} + 8! + 3$$

$$40284 := -\sqrt{40^2} + 8! + 4$$

$$40285 := -\sqrt{40^2} + 8! + 5$$

$$40286 := -\sqrt{40^2} + 8! + 6$$

$$40287 := -\sqrt{40^2} + 8! + 7$$

$$40288 := -\sqrt{40^2} + 8! + 8$$

$$40289 := -\sqrt{40^2} + 8! + 9$$

$$40294 := -\sqrt{4} - 0 + (2^{\sqrt{9}})! - 4!$$

$$40297 := -4! + 0! + (2 \times \sqrt{9 + 7})!$$

$$40309 := -\sqrt{4} + (0! + 3! + 0!)! - 9$$

$$40310 := (\sqrt{4^{0+3}})! - 10$$

$$40313 := (\sqrt{4^{0+3}})! - 1 - 3!$$

$$40319 := (\sqrt{4^{0+3}})! - 1^9$$

$$40334 := \sqrt{4} \times (0! + 3!) + (3! + \sqrt{4})!$$

$$40342 := (\sqrt{4^{0+3}})! + 4! - 2$$

$$40343 := 4! - (0/3)! + (\sqrt{4^3})!$$

$$40345 := 4! + 0! + (\sqrt{\sqrt{3^4} + 5})!$$

$$40346 := 4! - 0! + 3 + (\sqrt{4} + 6)!$$

$$40358 := 40 + 3 - 5 + 8!$$

$$40378 := \sqrt{4} + (0! + 3!!) \times 7 \times 8$$

$$40380 := \sqrt{(4 + 0!) \times 3!! + 8! + 0}$$

$$40381 := \sqrt{(4 + 0!) \times 3!! + 8! + 1}$$

$$40382 := \sqrt{(4 + 0!) \times 3!! + 8! + 2}$$

$$40383 := \sqrt{(4 + 0!) \times 3!! + 8! + 3}$$

$$40384 := \sqrt{(4 + 0!) \times 3!! + 8! + 4}$$

$$40385 := \sqrt{(4 + 0!) \times 3!! + 8! + 5}$$

$$40386 := \sqrt{(4 + 0!) \times 3!! + 8! + 6}$$

$$40387 := \sqrt{(4 + 0!) \times 3!! + 8! + 7}$$

$$40388 := \sqrt{(4 + 0!) \times 3!! + 8! + 8}$$

$$40389 := \sqrt{(4 + 0!) \times 3!! + 8! + 9}$$

$$40395 := (4! + 0!) \times 3 + (\sqrt{9} + 5)!$$

$$40398 := \sqrt{4} \times (0 + 39) + 8!$$

$$40435 := (4 + 0!)! + (\sqrt{4^3})! - 5$$

$$40458 := (4! - 0!) \times (\sqrt{4 + 5})! + 8!$$

$$40465 := 4! + 0! + (\sqrt{4} + 6)! + 5!$$

$$40536 := (40/5)! + \sqrt{3!^6}$$

$$40538 := \sqrt{4} + (0! + 5)^3 + 8!$$

$$40548 := -(4 - 0!)! + 5! \times \sqrt{4} + 8!$$

$$40562 := \sqrt{4} \times (0! + 5!) + (6 + 2)!$$

$$40568 := \sqrt{4} \times (0! + 5!) + 6 + 8!$$

$$40582 := 4! \times \sqrt{0! + 5!} + 8! - 2$$

$$40584 := \sqrt{4} \times (0 + 5)! + 8! + 4!$$

$$40668 := \sqrt{4! \times ((0! + 6)! + 6)} + 8!$$

$$\begin{aligned}
 40698 &:= ((4 + 0!)! + 6) \times \sqrt{9} + 8! \\
 40832 &:= \sqrt{4^{0!+8}} + (3! + 2)! \\
 40895 &:= -4! - 0! + 8! + (\sqrt{9})!! - 5! \\
 40896 &:= -(4 - 0!)!! \times 8 + (\sqrt{9})!^6 \\
 40968 &:= 4! \times (0 - \sqrt{9}) + 6! + 8! \\
 41035 &:= (-\sqrt{4} + 10)! + 3!! - 5 \\
 41040 &:= (-\sqrt{4} + 10)! + (4 - 0!)!! \\
 41064 &:= (-\sqrt{4} + 10)! + 6! + 4! \\
 41398 &:= -\sqrt{4} + (-1 + 3!)! \times 9 + 8! \\
 41463 &:= (4 - 1) \times (\sqrt{4!^6} - 3) \\
 41466 &:= (4 - 1) \times \sqrt{4!^6} - 6 \\
 41469 &:= (4 - 1) \times \sqrt{4!^6} - \sqrt{9} \\
 41493 &:= 4! + (-1 + 4!^{\sqrt{9}}) \times 3 \\
 41496 &:= 4! \times \left(1 + \sqrt{(4 \times \sqrt{9})^6}\right) \\
 41499 &:= (4 - 1) \times (4!^{\sqrt{9}} + 9) \\
 41758 &:= -\sqrt{4} + (-1 + 7)! \times 58 \\
 41762 &:= \sqrt{4} + (1 + 7)! + 6! \times 2 \\
 41764 &:= 4 + (1 + 7)! + 6! \times \sqrt{4} \\
 41784 &:= \sqrt{4} \times (-1 + 7)! + 8! + 4! \\
 41998 &:= -\sqrt{4} + (1 + (\sqrt{9})!)! / \sqrt{9} + 8! \\
 42456 &:= -4! + \left(\sqrt{\sqrt{2^{4!}}} - 5\right) \times 6! \\
 42768 &:= (4! + 2 + 7) \times \sqrt{6^8} \\
 42960 &:= \left(-4 + (2 \times \sqrt{9})!\right) \times 60 \\
 42975 &:= (4!^2 - \sqrt{9}) \times 75 \\
 42995 &:= (4! + 2 + 9)^{\sqrt{9}} + 5! \\
 43198 &:= 4 \times 3!! + 1 - \sqrt{9} + 8! \\
 43203 &:= \left((\sqrt{4} + 3)!^2 + 0!\right) \times 3 \\
 43320 &:= (\sqrt{4} + 3!!) \times 3 \times 20 \\
 43356 &:= -4! + (3 + 3!!) \times \sqrt{5 \times 6!} \\
 43440 &:= (4 + 3!!) / \sqrt{4} \times (4 + 0!)! \\
 43536 &:= -4! + \sqrt{3!! \times 5} \times (3! + 6!) \\
 43564 &:= 4 + (3!! + 5! \times 6!) / \sqrt{4} \\
 43593 &:= -\sqrt{4} + 35^{\sqrt{9}} + 3!! \\
 43599 &:= 4 + 35^{\sqrt{9}} + (\sqrt{9})!! \\
 43634 &:= (4!^3 + 6!) \times 3 + \sqrt{4} \\
 43769 &:= -4 \times 3!! - 7 + 6^{(\sqrt{9})!} \\
 43896 &:= -4! - 3!! + 8! + (\sqrt{9})! \times 6! \\
 43915 &:= (\sqrt{4^3})! + ((\sqrt{9})!! - 1) \times 5 \\
 43918 &:= -\sqrt{4} + 3!! \times ((\sqrt{9})! - 1) + 8! \\
 43920 &:= (4^3 - \sqrt{9}) \times (2 + 0!)!! \\
 43924 &:= 4 - 3!! \times \left(\sqrt{9} - \sqrt{\sqrt{2^{4!}}}\right) \\
 43935 &:= (\sqrt{4^3})! + (\sqrt{9} + 3!!) \times 5 \\
 43944 &:= 4! - 3!! \times \left(\sqrt{9} - \sqrt{\sqrt{\sqrt{4^{4!}}}}\right) \\
 43965 &:= (\sqrt{4^3})! + \sqrt{9^6} \times 5 \\
 44389 &:= -4! + 4^{3!} + 8! + \sqrt{9} \\
 44392 &:= -4! + 4^{3!} + ((\sqrt{9})! + 2)! \\
 44398 &:= \sqrt{\sqrt{4^{4!}}} - 3 \times (\sqrt{9})! + 8! \\
 44418 &:= \sqrt{4} + 4^{(4-1)!} + 8! \\
 44428 &:= \sqrt{\sqrt{4^{4!}}} + 4! / 2 + 8! \\
 44438 &:= 4! - \sqrt{4} + 4^{3!} + 8! \\
 44496 &:= (4 + 4)! + (-4! + (\sqrt{9})!!) \times 6 \\
 44628 &:= (4 + \sqrt{4}) \times (6! - 2) + 8! \\
 44636 &:= -4 + (\sqrt{4} + 6)! + 3! \times 6! \\
 44638 &:= \sqrt{4} - 4 + 6 \times 3!! + 8! \\
 44662 &:= 4! - \sqrt{4} + 6! \times 62 \\
 44688 &:= (4 + \sqrt{4}) \times (6! + 8) + 8! \\
 44764 &:= \sqrt{4} \times (4! + 7) \times (6! + \sqrt{4}) \\
 44782 &:= -4!^{\sqrt{4}} + 7! + 8! - 2 \\
 44896 &:= 4^4 + 8! + (\sqrt{9})! \times 6!
 \end{aligned}$$

$$\begin{aligned}
 44938 &:= \left(-\sqrt{\sqrt{4^{4!}} + 9! + 3!!} \right) / 8 \\
 44942 &:= (4 - 4! \times 9)^{\sqrt{4}} - 2 \\
 44998 &:= \left(-4 \times \left(4 + \left(\sqrt{9} \right)!! \right) + 9! \right) / 8 \\
 45099 &:= \left(-4! - 5 + \left(0! + \left(\sqrt{9} \right)!! \right) \right) \times 9 \\
 45328 &:= \left(\sqrt{4} + 5 \right)! - 32 + 8! \\
 45333 &:= \left(\left(\sqrt{4} + 5 \right)! - 3 \right) \times 3 \times 3 \\
 45336 &:= -4! + \left(\sqrt{5 \times 3!!} + 3 \right) \times 6! \\
 45339 &:= \left(\sqrt{4} + 5 \right) \times \left(-3 + 3!! \times 9 \right) \\
 45344 &:= \left(4^5 + 3!! \right) \times \left(4! + \sqrt{4} \right) \\
 45348 &:= \left(\sqrt{4} + 5 \right)! - 3 \times 4 + 8! \\
 45358 &:= \left(\sqrt{4} + 5 \right)! + 3 - 5 + 8! \\
 \\
 45360 &:= \left(\sqrt{4} + 5 \right)! \times (3 + 6) + 0 \\
 45361 &:= \left(\sqrt{4} + 5 \right)! \times (3 + 6) + 1 \\
 45362 &:= \left(\sqrt{4} + 5 \right)! \times (3 + 6) + 2 \\
 45363 &:= \left(\sqrt{4} + 5 \right)! \times (3 + 6) + 3 \\
 45364 &:= \left(\sqrt{4} + 5 \right)! \times (3 + 6) + 4 \\
 45365 &:= \left(\sqrt{4} + 5 \right)! \times (3 + 6) + 5 \\
 45366 &:= \left(\sqrt{4} + 5 \right)! \times (3 + 6) + 6 \\
 45367 &:= \left(\sqrt{4} + 5 \right)! \times (3 + 6) + 7 \\
 45368 &:= \left(\sqrt{4} + 5 \right)! \times (3 + 6) + 8 \\
 45369 &:= \left(\sqrt{4} + 5 \right)! \times (3 + 6) + 9 \\
 \\
 45373 &:= -\sqrt{4} + (5 + 3 \times 7!) \times 3 \\
 45375 &:= \sqrt{4 + 5} \times (3 \times 7! + 5) \\
 45393 &:= \left(\left(\sqrt{4} + 5 \right)! + 3 \right) \times 9 + 3! \\
 45395 &:= \left(\sqrt{4} + 5 \right) \times (3!! \times 9 + 5) \\
 45397 &:= \sqrt{4} + (5 + 3!! \times 9) \times 7 \\
 45478 &:= \sqrt{4} + 5! - 4 + 7! + 8!
 \end{aligned}$$

$$\begin{aligned}
 45568 &:= \sqrt{\sqrt{\sqrt{4^{5!/5}}} \times (6! - 8)} \\
 45598 &:= -\sqrt{4} + 5! + 5! + 9! / 8 \\
 45634 &:= -4^5 + 6^{3!} + \sqrt{4} \\
 45824 &:= \left(-4 + (-5 + 8)!! \right) \times \sqrt{\sqrt{2^{4!}}} \\
 45840 &:= \sqrt{4} \times 5! \times (8 \times 4! - 0!) \\
 45933 &:= \sqrt{4} - 5 - \left(\sqrt{9} \right)!! + 3!^{3!} \\
 45934 &:= \left(\sqrt{4 + 5} \right)! \left(\sqrt{9} \right)! - 3!! - \sqrt{4} \\
 45939 &:= \left(\sqrt{4 + 5} \right)! \left(\sqrt{9} \right)! - 3!! + \sqrt{9} \\
 45958 &:= -\sqrt{4} - 5! + \left(\sqrt{9} \right)!! \times 5! - 8! \\
 45964 &:= 4 - 5! + \left(\sqrt{9} \right)!! \times 64 \\
 45984 &:= \left(4! \times 5! - \left(\sqrt{9} \right)! \right) \times 8 \times \sqrt{4} \\
 45985 &:= \left(\left(\sqrt{4} + 5 \right)! + 9! \right) / 8 - 5 \\
 45990 &:= \left(\left(\sqrt{4} + 5 \right)! + 9! \right) / (9 - 0!) \\
 45999 &:= \left(\left(\sqrt{4} + 5 \right)! - 9 \right) \times 9 + \left(\sqrt{9} \right)!! \\
 46048 &:= \left(\sqrt{4} \times 6! - 0! \right) \times 4 \times 8 \\
 46056 &:= -4! + 6! \times \sqrt{(-0! + 5)^6} \\
 46075 &:= \sqrt{4^6} \times (-0! + 7)! - 5 \\
 46078 &:= -\sqrt{4} + (6! + 0 + 7!) \times 8 \\
 46079 &:= -\sqrt{4} + 6! + 0! + 7! \times 9 \\
 \\
 46080 &:= \sqrt{4^6} \times \left(\sqrt{0! + 8} \right)!! + 0 \\
 46081 &:= \sqrt{4^6} \times \left(\sqrt{0! + 8} \right)!! + 1 \\
 46082 &:= \sqrt{4^6} \times \left(\sqrt{0! + 8} \right)!! + 2 \\
 46083 &:= \sqrt{4^6} \times \left(\sqrt{0! + 8} \right)!! + 3 \\
 46084 &:= \sqrt{4^6} \times \left(\sqrt{0! + 8} \right)!! + 4 \\
 46085 &:= \sqrt{4^6} \times \left(\sqrt{0! + 8} \right)!! + 5 \\
 46086 &:= \sqrt{4^6} \times \left(\sqrt{0! + 8} \right)!! + 6 \\
 46087 &:= \sqrt{4^6} \times \left(\sqrt{0! + 8} \right)!! + 7 \\
 46088 &:= \sqrt{4^6} \times \left(\sqrt{0! + 8} \right)!! + 8
 \end{aligned}$$

$$46089 := \sqrt{4^6} \times (\sqrt{0! + 8})!! + 9$$

$$46104 := 4! + 6! \times \sqrt{\sqrt{(1 + 0!)^{4!}}}$$

$$46137 := \sqrt{4^6} \times (1 + 3!!) - 7$$

$$46146 := \sqrt{4} + (6! + 1) \times \sqrt{4^6}$$

$$46208 := (\sqrt{4} + 6!) \times 2^{(\sqrt{0!+8})!}$$

$$46464 := (4 + 6! + \sqrt{4}) \times 64$$

$$46466 := \sqrt{4} + 64 \times (6 + 6!)$$

$$46558 := \sqrt{4} \times (-6 + 5^5 + 8!)$$

$$46593 := \sqrt{4} - 65 + (\sqrt{9})!^{3!}$$

$$46596 := (-4 + 6^5 - (\sqrt{9})!) \times 6$$

$$46628 := -4! + 6^6 - \sqrt{2 \times 8}$$

$$46634 := \sqrt{4} + 6^6 - 3! \times 4$$

$$46639 := -\sqrt{4} - 6 + 6^{3!} - 9$$

$$46650 := -\sqrt{4} + 6^6 - 5 + 0!$$

$$46658 := \sqrt{4} + 6^{(6+5-8)!}$$

$$46659 := 4 + 6^6 + 5 - (\sqrt{9})!$$

$$46670 := (\sqrt{4} - 6!) \times (6 - \sqrt{7! + 0!})$$

$$46680 := 4! + 6\sqrt{\sqrt{\sqrt{6^8}}} + 0$$

$$46681 := 4! + 6\sqrt{\sqrt{\sqrt{6^8}}} + 1$$

$$46682 := 4! + 6\sqrt{\sqrt{\sqrt{6^8}}} + 2$$

$$46683 := 4! + 6\sqrt{\sqrt{\sqrt{6^8}}} + 3$$

$$46684 := 4! + 6\sqrt{\sqrt{\sqrt{6^8}}} + 4$$

$$46685 := 4! + 6\sqrt{\sqrt{\sqrt{6^8}}} + 5$$

$$46686 := 4! + 6\sqrt{\sqrt{\sqrt{6^8}}} + 6$$

$$46687 := 4! + 6\sqrt{\sqrt{\sqrt{6^8}}} + 7$$

$$46688 := 4! + 6\sqrt{\sqrt{\sqrt{6^8}}} + 8$$

$$46689 := 4! + 6\sqrt{\sqrt{\sqrt{6^8}}} + 9$$

$$46692 := 4! + 6^6 + (\sqrt{9})! \times 2$$

$$46695 := 4! + 6^6 + \sqrt{9} \times 5$$

$$46696 := 46 + 6^{(\sqrt{9})!} - 6$$

$$46699 := 46 + 6^{(\sqrt{9})!} - \sqrt{9}$$

$$46784 := (4 + 6! + 7) \times \sqrt{8^4}$$

$$46793 := 4! \times 6 - 7 + (\sqrt{9})!^{3!}$$

$$46795 := \sqrt{4} \times 6! + 7! \times 9 - 5$$

$$46798 := -\sqrt{4} + 6! \times (-7 + 9 \times 8)$$

$$46818 := (\sqrt{4} + 6!) \times \sqrt{81} + 8!$$

$$46836 := \sqrt{4} \times 6! / 8 + 3!^6$$

$$46896 := (4! + 6) \times 8 + (\sqrt{9})!^6$$

$$46992 := -4! + 6^{(\sqrt{9})!} + (\sqrt{9})!! / 2$$

$$46998 := (\sqrt{4!^6} + 9! - (\sqrt{9})!!) / 8$$

$$47038 := -\sqrt{4} + (7 + 0!)! / 3! + 8!$$

$$47393 := 4! - 7 + 3!! + (\sqrt{9})!^{3!}$$

$$47397 := (4!^{7-3} + \sqrt{9}) / 7$$

$$47488 := 4 \times 7 \times \sqrt{4^8} + 8!$$

$$47496 := 4 \times 7! / 4! + (\sqrt{9})!^6$$

$$47548 := 4 \times (7 + (\sqrt{5! + 4!})! / 8!)$$

$$47744 := (\sqrt{4} + 7)! / 7 - \sqrt{\sqrt{4^4!}}$$

$$48095 := -\sqrt{4} + 8! + 0! + (\sqrt{9})!^5$$

$$48096 := \sqrt{4} \times (\sqrt{8 + 0!})!! + (\sqrt{9})!^6$$

$$48334 := -\sqrt{4} + 3!^{3!} + 8! / 4!$$

$$48386 := \sqrt{4} + 8! / (-3 + 8) \times 6$$

$$48864 := (-4! + \sqrt{8^8}) \times 6 \times \sqrt{4}$$

$$48956 := -4 + \left(8 + \sqrt{(\sqrt{9})!! \times 5}\right) \times 6!$$

$$48958 := -\sqrt{4} + 8! + 9 \times 5! \times 8$$

$$48984 := (4 + 8) \times (\sqrt{9})!! + 8! + 4!$$

$$49068 := 4 \times \sqrt{9^{0!+6}} + 8!$$

$$\begin{aligned}
 49152 &:= 4! \times (\sqrt{9} + 1)^5 \times 2 & 53985 &:= -5 \times (3 - (\sqrt{9})!! / 8 \times 5!) \\
 49164 &:= (4^{(\sqrt{9})!} + 1) \times 6 \times \sqrt{4} & 53994 &:= ((5 \times 3!)^{\sqrt{9}} - \sqrt{9}) \times \sqrt{4} \\
 49173 &:= (4^{(\sqrt{9})!+1} + 7) \times 3 & 53995 &:= 5 \times 3!! \times (9 + (\sqrt{9})!) - 5 \\
 49224 &:= 4! \times (\sqrt{9} + \sqrt{2^{(-2+4!)}}) & 54075 &:= (((\sqrt{5+4})!! + 0!) \times 75 \\
 49248 &:= 4 \times \sqrt{9} \times (\sqrt{2^{4!}} + 8) & 54238 &:= (5! - \sqrt{4})^2 - 3! + 8! \\
 49284 &:= (4! \times 9 - 2 + 8)^{\sqrt{4}} & 54244 &:= (5! - \sqrt{4})^2 + (4 + 4)! \\
 49368 &:= (\sqrt{4 \times 9} + 3!!) \times 68 & 54248 &:= (5! - \sqrt{4})^2 + 4 + 8! \\
 49536 &:= 4 \times (\sqrt{9})! \times 5! + 3!^6 & 54375 &:= (5 + (\sqrt{4} \times 3)!) \times 75 \\
 49656 &:= -4! + (9 + \sqrt{6! \times 5}) \times 6! & 54715 &:= 5!^{\sqrt{4}} + (7 + 1)! - 5 \\
 49669 &:= -\sqrt{4} - 9 + 6! \times 69 & 54720 &:= 5!^{\sqrt{4}} + (7 + (2 \times 0)!)! \\
 49678 &:= -\sqrt{4} + (\sqrt{9})!! \times (6 + 7) + 8! & 54748 &:= 5!^{\sqrt{4}} + 7 \times 4 + 8! \\
 49697 &:= 4! + (\sqrt{9})!! \times 69 - 7 & 54768 &:= 5!^{\sqrt{4}} + (7! + 6) \times 8 \\
 49704 &:= 4! + (\sqrt{9})!! \times (\sqrt{7! + 0!} - \sqrt{4}) & 54840 &:= 5!^{\sqrt{4}} + 8! + (4 + 0!)! \\
 49729 &:= (4! \times 9 + 7)^{\sqrt{-2+(\sqrt{9})!}} & 54864 &:= 5!^{\sqrt{4}} + 8! + 6 \times 4! \\
 49770 &:= (-\sqrt{4} + (\sqrt{9})!! - 7) \times 70 & 54872 &:= (5!/4 + 8)^{\sqrt{7+2}} \\
 49896 &:= -4! \times (\sqrt{\sqrt{9^8}} - \sqrt{9} \times 6!) & 54979 &:= -5 + (-4! + (\sqrt{9})!!) \times 79 \\
 49956 &:= (4 + (\sqrt{9})!!) \times (9 + \sqrt{5 \times 6!}) & 55379 &:= 5 + (5 + 3!) \times (7! - (\sqrt{9})!) \\
 50384 &:= \sqrt{4} \times (-8 + (3! + 0!)! \times 5) & 55435 &:= -5 + (5 + \sqrt{4})! \times (3! + 5) \\
 50394 &:= (5 \times (0! + 3!)! - \sqrt{9}) \times \sqrt{4} & 55438 &:= 5! \times 5! - \sqrt{4} + 3!! + 8! \\
 50765 &:= \sqrt{(5 \times 0)! + 7!} \times (6! - 5) & 55473 &:= \sqrt{5! + 5 - 4} \times (7! + 3) \\
 50907 &:= ((5 + 0!)! - \sqrt{9}) \times \sqrt{0! + 7!} & 55495 &:= (5 + (5 + \sqrt{4})!) \times ((\sqrt{9})! + 5) \\
 50976 &:= (5 + 0!)^{(\sqrt{9})!} + 7! - 6! & 55715 &:= (5 \times 5 + 7!) \times \sqrt{1 + 5!} \\
 51696 &:= (5 - 1)! \times (6! \times \sqrt{9} - 6) & 55875 &:= (5! + \sqrt{5^8}) \times 75 \\
 51737 &:= 5! + \sqrt{1 + 7!} \times (3!! + 7) & 55948 &:= 5 + 5^{(\sqrt{9})!} - \sqrt{4} + 8! \\
 53289 &:= (5! - 3)^2 + 8! - (\sqrt{9})!! & 56644 &:= (5! - 6/6)^{\sqrt{4}} \times 4 \\
 53475 &:= (-5 + 3!! - \sqrt{4}) \times 75 & 56649 &:= 5 + (-6 + 6!)^{\sqrt{4}} / 9 \\
 53495 &:= -5^{3!} + 4!^{\sqrt{9}} \times 5 & 57464 &:= 5! + 7 \times 4^6 \times \sqrt{4} \\
 53880 &:= 5! \times \sqrt{(-3 + 8) \times 8! + 0!} & 57595 &:= (5 + 75) \times (\sqrt{9})!! - 5 \\
 53984 &:= ((5 \times 3!)^{\sqrt{9}} - 8) \times \sqrt{4} & 57744 &:= (5 + (7 \times 7)^{\sqrt{4}}) \times 4! \\
 & & 57845 &:= 5^7 - 8! / \sqrt{4} - 5!
 \end{aligned}$$

$$\begin{aligned}
 58119 &:= -5! + 81 \times (-1 + (\sqrt{9})!!) \\
 58195 &:= -5! + 81 \times (\sqrt{9})!! - 5 \\
 58560 &:= 5! \times 8 \times (\sqrt{5 \times 6!} + 0!) \\
 58564 &:= (5! + 8 + 5! - 6)^{\sqrt{4}} \\
 58795 &:= 5 \times (8! - 7!) / \sqrt{9} - 5 \\
 58799 &:= (5 \times (8! - 7!) - \sqrt{9}) / \sqrt{9} \\
 58929 &:= - \left(\sqrt{\sqrt{\sqrt{5^8}}} \right)! + 9^{2+\sqrt{9}} \\
 58937 &:= -5! + 8 + \sqrt{9^{3+7}} \\
 58960 &:= (5 \times 8)^{\sqrt{9}} - (6 + 0!)! \\
 58982 &:= -58 + (\sqrt{9})!! \times 82 \\
 59049 &:= (5 + \sqrt{9} + 0!)^4 \times 9 \\
 59050 &:= (5 + \sqrt{9} + 0!)^5 + 0! \\
 59169 &:= 5! + 9^{\sqrt{16+9}} \\
 59295 &:= (5! + \sqrt{9}) \times 2 + 9^5 \\
 59399 &:= -5! \times 9 + (-3! + 9!) / (\sqrt{9})! \\
 59439 &:= 5! + (9 \times 4 + 3)^{\sqrt{9}} \\
 59472 &:= (5! + (\sqrt{9})!) \times 472 \\
 59535 &:= (5^{\sqrt{9}} + 5!) \times 3^5 \\
 59639 &:= -5! + (9! - 6) / 3! - (\sqrt{9})!! \\
 59644 &:= (5^{(\sqrt{9})!} - 6!) \times 4 + 4! \\
 59649 &:= -5! + \sqrt{9^{6+4}} + (\sqrt{9})!! \\
 59784 &:= -5! + ((\sqrt{9})!^7 - 8!) / 4 \\
 59897 &:= (5! - \sqrt{9}) \times 8^{\sqrt{9}} - 7 \\
 59975 &:= -5^{(\sqrt{9})!} + \sqrt{9} \times 7! \times 5 \\
 59984 &:= 5 + \sqrt{9^9} + 8! - 4! \\
 59989 &:= -9 + 8! + \sqrt{9^9} - 5 \\
 59996 &:= (5! + 9!) / (\sqrt{9})! - 9! / 6! \\
 59998 &:= -5 + (9 / \sqrt{9})^9 + 8! \\
 60384 &:= 6 \times ((0! + 3!)! - 8) \times \sqrt{4}
 \end{aligned}$$

$$\begin{aligned}
 60472 &:= 6 \times (-0! + \sqrt{4} \times 7!) - 2 \\
 60475 &:= 6 \times \sqrt{0+4} \times 7! - 5 \\
 60478 &:= 6 \times (0! + \sqrt{4} \times 7!) - 8 \\
 60479 &:= -(6 \times 0!) + 4 \times 7! \times \sqrt{9} \\
 60492 &:= 6 \times (0! + (\sqrt{49})!) \times 2 \\
 60499 &:= (-6 + (0! + 4)! + 9!) / (\sqrt{9})! \\
 60564 &:= (6! + 0!) \times (5! - \sqrt{6^4}) \\
 60599 &:= (6! - 0! - 5 + 9!) / (\sqrt{9})! \\
 60696 &:= \sqrt{6^{0+6}} + 9! / 6 \\
 60984 &:= (6 + (\sqrt{0+9})!!) \times 84 \\
 61199 &:= 6! - 1 + 1 \times 9! / (\sqrt{9})! \\
 62496 &:= 62 \times \sqrt{4} \times 9! / 6! \\
 63504 &:= (63 \times (5 - 0!))^{\sqrt{4}} \\
 63888 &:= \left(6 + \left(\sqrt{\sqrt{\sqrt{3^8}}} \right)!! \right) \times 88 \\
 63995 &:= (6! / (3 \times (\sqrt{9})!))^{\sqrt{9}} - 5 \\
 64528 &:= ((\sqrt{6^4})! / 5 + 2) \times 8 \\
 64795 &:= 6 \times (\sqrt{4} \times 7! + (\sqrt{9})!!) - 5 \\
 64798 &:= (6!^{\sqrt{4}} - 7 - 9) / 8 \\
 64800 &:= 6!^{\sqrt{4}} / 8 + 00 \\
 64801 &:= 6!^{\sqrt{4}} / 8 + 01 \\
 64802 &:= 6!^{\sqrt{4}} / 8 + 02 \\
 64803 &:= 6!^{\sqrt{4}} / 8 + 03 \\
 64804 &:= 6!^{\sqrt{4}} / 8 + 04 \\
 64805 &:= 6!^{\sqrt{4}} / 8 + 05 \\
 64806 &:= 6!^{\sqrt{4}} / 8 + 06 \\
 64807 &:= 6!^{\sqrt{4}} / 8 + 07 \\
 64808 &:= 6!^{\sqrt{4}} / 8 + 08 \\
 64809 &:= 6!^{\sqrt{4}} / 8 + 09 \\
 64810 &:= 6!^{\sqrt{4}} / 8 + 10
 \end{aligned}$$

$$\begin{aligned} 64811 &:= 6!^{\sqrt{4}}/8 + 11 \\ 64812 &:= 6!^{\sqrt{4}}/8 + 12 \\ 64813 &:= 6!^{\sqrt{4}}/8 + 13 \\ 64814 &:= 6!^{\sqrt{4}}/8 + 14 \\ 64815 &:= 6!^{\sqrt{4}}/8 + 15 \\ 64816 &:= 6!^{\sqrt{4}}/8 + 16 \\ 64817 &:= 6!^{\sqrt{4}}/8 + 17 \\ 64818 &:= 6!^{\sqrt{4}}/8 + 18 \\ 64819 &:= 6!^{\sqrt{4}}/8 + 19 \\ 64820 &:= 6!^{\sqrt{4}}/8 + 20 \\ 64821 &:= 6!^{\sqrt{4}}/8 + 21 \\ 64822 &:= 6!^{\sqrt{4}}/8 + 22 \\ 64823 &:= 6!^{\sqrt{4}}/8 + 23 \\ 64824 &:= 6!^{\sqrt{4}}/8 + 24 \\ 64825 &:= 6!^{\sqrt{4}}/8 + 25 \\ 64826 &:= 6!^{\sqrt{4}}/8 + 26 \\ 64827 &:= 6!^{\sqrt{4}}/8 + 27 \\ 64828 &:= 6!^{\sqrt{4}}/8 + 28 \\ 64829 &:= 6!^{\sqrt{4}}/8 + 29 \\ 64830 &:= 6!^{\sqrt{4}}/8 + 30 \\ 64831 &:= 6!^{\sqrt{4}}/8 + 31 \\ 64832 &:= 6!^{\sqrt{4}}/8 + 32 \\ 64833 &:= 6!^{\sqrt{4}}/8 + 33 \\ 64834 &:= 6!^{\sqrt{4}}/8 + 34 \\ 64835 &:= 6!^{\sqrt{4}}/8 + 35 \\ 64836 &:= 6!^{\sqrt{4}}/8 + 36 \\ 64837 &:= 6!^{\sqrt{4}}/8 + 37 \\ 64838 &:= 6!^{\sqrt{4}}/8 + 38 \\ 64839 &:= 6!^{\sqrt{4}}/8 + 39 \\ 64840 &:= 6!^{\sqrt{4}}/8 + 40 \\ 64841 &:= 6!^{\sqrt{4}}/8 + 41 \\ 64842 &:= 6!^{\sqrt{4}}/8 + 42 \\ 64843 &:= 6!^{\sqrt{4}}/8 + 43 \end{aligned}$$

$$\begin{aligned} 64844 &:= 6!^{\sqrt{4}}/8 + 44 \\ 64845 &:= 6!^{\sqrt{4}}/8 + 45 \\ 64846 &:= 6!^{\sqrt{4}}/8 + 46 \\ 64847 &:= 6!^{\sqrt{4}}/8 + 47 \\ 64848 &:= 6!^{\sqrt{4}}/8 + 48 \\ 64849 &:= 6!^{\sqrt{4}}/8 + 49 \\ 64850 &:= 6!^{\sqrt{4}}/8 + 50 \\ 64851 &:= 6!^{\sqrt{4}}/8 + 51 \\ 64852 &:= 6!^{\sqrt{4}}/8 + 52 \\ 64853 &:= 6!^{\sqrt{4}}/8 + 53 \\ 64854 &:= 6!^{\sqrt{4}}/8 + 54 \\ 64855 &:= 6!^{\sqrt{4}}/8 + 55 \\ 64856 &:= 6!^{\sqrt{4}}/8 + 56 \\ 64857 &:= 6!^{\sqrt{4}}/8 + 57 \\ 64858 &:= 6!^{\sqrt{4}}/8 + 58 \\ 64859 &:= 6!^{\sqrt{4}}/8 + 59 \\ 64860 &:= 6!^{\sqrt{4}}/8 + 60 \\ 64861 &:= 6!^{\sqrt{4}}/8 + 61 \\ 64862 &:= 6!^{\sqrt{4}}/8 + 62 \\ 64863 &:= 6!^{\sqrt{4}}/8 + 63 \\ 64864 &:= 6!^{\sqrt{4}}/8 + 64 \\ 64865 &:= 6!^{\sqrt{4}}/8 + 65 \\ 64866 &:= 6!^{\sqrt{4}}/8 + 66 \\ 64867 &:= 6!^{\sqrt{4}}/8 + 67 \\ 64868 &:= 6!^{\sqrt{4}}/8 + 68 \\ 64869 &:= 6!^{\sqrt{4}}/8 + 69 \\ 64870 &:= 6!^{\sqrt{4}}/8 + 70 \\ 64871 &:= 6!^{\sqrt{4}}/8 + 71 \\ 64872 &:= 6!^{\sqrt{4}}/8 + 72 \\ 64873 &:= 6!^{\sqrt{4}}/8 + 73 \\ 64874 &:= 6!^{\sqrt{4}}/8 + 74 \\ 64875 &:= 6!^{\sqrt{4}}/8 + 75 \\ 64876 &:= 6!^{\sqrt{4}}/8 + 76 \end{aligned}$$

$$\begin{aligned}
 64877 &:= 6!^{\sqrt{4}}/8 + 77 \\
 64878 &:= 6!^{\sqrt{4}}/8 + 78 \\
 64879 &:= 6!^{\sqrt{4}}/8 + 79 \\
 64880 &:= 6!^{\sqrt{4}}/8 + 80 \\
 64881 &:= 6!^{\sqrt{4}}/8 + 81 \\
 64882 &:= 6!^{\sqrt{4}}/8 + 82 \\
 64883 &:= 6!^{\sqrt{4}}/8 + 83 \\
 64884 &:= 6!^{\sqrt{4}}/8 + 84 \\
 64885 &:= 6!^{\sqrt{4}}/8 + 85 \\
 64886 &:= 6!^{\sqrt{4}}/8 + 86 \\
 64887 &:= 6!^{\sqrt{4}}/8 + 87 \\
 64888 &:= 6!^{\sqrt{4}}/8 + 88 \\
 64889 &:= 6!^{\sqrt{4}}/8 + 89 \\
 64890 &:= 6!^{\sqrt{4}}/8 + 90 \\
 64891 &:= 6!^{\sqrt{4}}/8 + 91 \\
 64892 &:= 6!^{\sqrt{4}}/8 + 92 \\
 64893 &:= 6!^{\sqrt{4}}/8 + 93 \\
 64894 &:= 6!^{\sqrt{4}}/8 + 94 \\
 64895 &:= 6!^{\sqrt{4}}/8 + 95 \\
 64896 &:= 6!^{\sqrt{4}}/8 + 96 \\
 64897 &:= 6!^{\sqrt{4}}/8 + 97 \\
 64898 &:= 6!^{\sqrt{4}}/8 + 98 \\
 64899 &:= 6!^{\sqrt{4}}/8 + 99
 \end{aligned}$$

$$\begin{aligned}
 64980 &:= (6! + \sqrt{4}) \times (\sqrt{9})!!/8 + 0 \\
 64981 &:= (6! + \sqrt{4}) \times (\sqrt{9})!!/8 + 1 \\
 64982 &:= (6! + \sqrt{4}) \times (\sqrt{9})!!/8 + 2 \\
 64983 &:= (6! + \sqrt{4}) \times (\sqrt{9})!!/8 + 3 \\
 64984 &:= (6! + \sqrt{4}) \times (\sqrt{9})!!/8 + 4 \\
 64985 &:= (6! + \sqrt{4}) \times (\sqrt{9})!!/8 + 5 \\
 64986 &:= (6! + \sqrt{4}) \times (\sqrt{9})!!/8 + 6 \\
 64987 &:= (6! + \sqrt{4}) \times (\sqrt{9})!!/8 + 7
 \end{aligned}$$

$$\begin{aligned}
 64988 &:= (6! + \sqrt{4}) \times (\sqrt{9})!!/8 + 8 \\
 64989 &:= (6! + \sqrt{4}) \times (\sqrt{9})!!/8 + 9
 \end{aligned}$$

$$\begin{aligned}
 65495 &:= (-6! - 5 + 4!^{\sqrt{9}}) \times 5 \\
 65548 &:= \sqrt{6 \times 5!}/5 + 4^8 \\
 66816 &:= 6^6 + 8!/\sqrt{\sqrt{16}} \\
 66954 &:= -6 + 6! \times (95 - \sqrt{4}) \\
 66955 &:= 6! \times (-\sqrt{6!+9} + 5!) + 5 \\
 66960 &:= 6! \times (-\sqrt{6!+9} + (6-0!)) \\
 67199 &:= (-6 + (7+1)! + 9!) / (\sqrt{9})! \\
 67968 &:= (\sqrt{6^{7+\sqrt{9}}} + 6!) \times 8 \\
 68395 &:= (6! + 8! - 3) / \sqrt{9} \times 5 \\
 69024 &:= 6 \times ((\sqrt{9})!! - 0!) \times 2^4 \\
 69144 &:= 6! \times (\sqrt{9} + 1) \times 4! + 4! \\
 69168 &:= 6 \times ((\sqrt{9})!! \times 16 + 8) \\
 69264 &:= (6 + (\sqrt{9})!! \times (-2 + 6)) \times 4! \\
 69404 &:= ((6! + \sqrt{9}) \times 4! - 0!) \times 4 \\
 69465 &:= (69 + \sqrt{4!^6}) \times 5 \\
 69595 &:= 6! + ((\sqrt{9})!! + 5) \times 95 \\
 69759 &:= 69 \times (7!/5 + \sqrt{9}) \\
 69774 &:= (6 \times (\sqrt{9})!^7 - 7!) / 4! \\
 69798 &:= -6! + (-\sqrt{9} + 7!) \times ((\sqrt{9})! + 8) \\
 69804 &:= (-6! + (\sqrt{9})!^{(8-0!)}) / 4 \\
 69837 &:= 6! \times (\sqrt{9})!!/8 - 3 + 7! \\
 69848 &:= 6 \times (\sqrt{9})!! - 8 + 4^8 \\
 69888 &:= 6 \times ((\sqrt{9})!! + 8) \times (8 + 8) \\
 69954 &:= 6 + 9 \times ((\sqrt{9})!^5 - 4) \\
 69982 &:= 6 \times 9 \times \sqrt{(\sqrt{9})!^8} - 2
 \end{aligned}$$

$$\begin{aligned}
 69990 &:= 6 + 9 \times \sqrt{(\sqrt{9})!^{9+0!}} \\
 69993 &:= \left(6 + (\sqrt{9})!^{(\sqrt{9})!}\right) \times 9/3! \\
 70476 &:= 7 \times \sqrt{0+4} \times (7! - 6) \\
 70497 &:= \left(7! \times \sqrt{0+4} - 9\right) \times 7 \\
 70574 &:= 7 \times ((0/5)! + 7!) \times \sqrt{4} \\
 70582 &:= \left(-7! + \sqrt{0!+5!} + 8!\right) \times 2 \\
 70993 &:= 7^{(\sqrt{0+9})!} - (\sqrt{9})!^{3!} \\
 72495 &:= -\sqrt{(7+2)^4} + 9!/5 \\
 72549 &:= (7+2)!/5 - 4! - \sqrt{9} \\
 72552 &:= ((7+2)! - 5!) / \sqrt{5^2} \\
 72554 &:= ((7+2)! - 5!) / 5 + \sqrt{4} \\
 72564 &:= (7+2)!/5 - 6 \times \sqrt{4} \\
 72584 &:= (7+2)!/5 + \sqrt{\sqrt{8^4}} \\
 72594 &:= (7+2)!/5 + 9 \times \sqrt{4} \\
 72597 &:= (7+2)!/5 + \sqrt{9} \times 7 \\
 73079 &:= -7! + (3! - 0!)^7 - (\sqrt{9})! \\
 73368 &:= (7 \times 3!)^3 - \left(\sqrt{\sqrt{\sqrt{6^8}}}\right)! \\
 73474 &:= \left(7! - 3!! + \sqrt{4}\right) \times (-7 + 4!) \\
 73959 &:= (7 \times 3!)^{\sqrt{9}} - 5! - 9 \\
 73975 &:= (7 \times 3!)^{\sqrt{9}} + 7 - 5! \\
 73994 &:= (7 \times 3!)^{\sqrt{9}} - 94 \\
 73998 &:= (7 \times 3!)^{\sqrt{9}} - (\sqrt{9})!!/8 \\
 74304 &:= 7! \times 4! - 3!^{(0!+\sqrt{4})!} \\
 74448 &:= -7! + \sqrt{4} \times \left(-4!^{\sqrt{4}} + 8!\right) \\
 74469 &:= (7 + 4 \times 4!) \times \left(6! + \sqrt{9}\right) \\
 74873 &:= -7 + \sqrt{4} \times 8! + 7! - 3!! \\
 74880 &:= -7! + \sqrt{4} \times 8! - \left(\sqrt{8+0!}\right)!! \\
 74887 &:= 7 + \sqrt{4} \times 8! - 8!/7 \\
 74896 &:= 7! + 4^8 + (\sqrt{9})! \times 6! \\
 74904 &:= \left(7^4 + (\sqrt{9})!!\right) \times (0 + 4)! \\
 75468 &:= -7! - 5! + \sqrt{4} \times (-6 + 8!) \\
 75480 &:= -7! - 5! + \sqrt{4} \times 8! + 0 \\
 75481 &:= -7! - 5! + \sqrt{4} \times 8! + 1 \\
 75482 &:= -7! - 5! + \sqrt{4} \times 8! + 2 \\
 75483 &:= -7! - 5! + \sqrt{4} \times 8! + 3 \\
 75484 &:= -7! - 5! + \sqrt{4} \times 8! + 4 \\
 75485 &:= -7! - 5! + \sqrt{4} \times 8! + 5 \\
 75486 &:= -7! - 5! + \sqrt{4} \times 8! + 6 \\
 75487 &:= -7! - 5! + \sqrt{4} \times 8! + 7 \\
 75488 &:= -7! - 5! + \sqrt{4} \times 8! + 8 \\
 75489 &:= -7! - 5! + \sqrt{4} \times 8! + 9 \\
 75495 &:= \left(7! - 5 - \sqrt{4}\right) \times \sqrt{9} \times 5 \\
 75498 &:= -7! - 5! + \sqrt{4} \times (9 + 8!) \\
 75579 &:= \left(7! \times \sqrt{5 \times 5} - 7\right) \times \sqrt{9} \\
 75593 &:= -7 + \left(5! - 5 \times \sqrt{9}\right) \times 3!! \\
 75595 &:= 7! \times \sqrt{5 \times 5 \times 9} - 5 \\
 75618 &:= (7! \times 5 + 6) \times \sqrt{1+8} \\
 75834 &:= -7! + (5! + 8! - 3) \times \sqrt{4} \\
 75840 &:= -7! + (5! + 8!) \times \sqrt{4} + 0 \\
 75841 &:= -7! + (5! + 8!) \times \sqrt{4} + 1 \\
 75842 &:= -7! + (5! + 8!) \times \sqrt{4} + 2 \\
 75843 &:= -7! + (5! + 8!) \times \sqrt{4} + 3 \\
 75844 &:= -7! + (5! + 8!) \times \sqrt{4} + 4 \\
 75845 &:= -7! + (5! + 8!) \times \sqrt{4} + 5 \\
 75846 &:= -7! + (5! + 8!) \times \sqrt{4} + 6 \\
 75847 &:= -7! + (5! + 8!) \times \sqrt{4} + 7 \\
 75848 &:= -7! + (5! + 8!) \times \sqrt{4} + 8 \\
 75849 &:= -7! + (5! + 8!) \times \sqrt{4} + 9 \\
 75975 &:= \left(75 + \sqrt{9} \times 7!\right) \times 5 \\
 76832 &:= \sqrt{(7!/6!)^8} \times 32
 \end{aligned}$$

$$\begin{aligned}
 76896 &:= (7! + 6^{8-\sqrt{9}}) \times 6 & 80497 &:= -8! + 0! + 4! \times (- (\sqrt{9})! + 7!) \\
 77329 &:= (7 \times 7)^3 - (2^{\sqrt{9}})! & 80534 &:= (8! + 0 - 53) \times \sqrt{4} \\
 77957 &:= -7 \times (\sqrt{7+9})! + 5^7 & 80544 &:= (8! / \sqrt{-0! + 5 - 4!}) \times 4 \\
 79184 &:= (7! - 91) \times 8 \times \sqrt{4} & 80570 &:= 8! \times \sqrt{-0! + 5} - 70 \\
 79195 &:= (7! \times \sqrt{9} - 1 + (\sqrt{9})!!) \times 5 & 80584 &:= -8 + \sqrt{-0! + 5} \times (8! - 4!) \\
 79198 &:= (7 - 9) \times (1 + (\sqrt{9})!! - 8!) & 80594 &:= (8! + 0! - (-5 + 9)!) \times \sqrt{4} \\
 79233 &:= 7^{((\sqrt{9})! - 2)} \times 33 & 80595 &:= 8! \times \sqrt{-0! + 5} - 9 \times 5 \\
 79488 &:= (7! - \sqrt{9} \times 4!) \times (8 + 8) & 80599 &:= -8! - 0! + (-5! + 9!) / \sqrt{9} \\
 79524 &:= (7 \times \sqrt{9} + 5!)^2 \times 4 & 80626 &:= (8! - 0! - 6) \times \sqrt{-2 + 6} \\
 79538 &:= (7^{(\sqrt{9})!} + 5) / 3 + 8! & 80634 &:= (8! + 0 - 6 + 3) \times \sqrt{4} \\
 79565 &:= 7! - ((\sqrt{9})!! - 5^6) \times 5 & 80639 &:= (8! \times (0 + 6) - 3) / \sqrt{9} \\
 79800 &:= -7! / (\sqrt{9})! + 8! \times (0! + 0!) & 80650 &:= (8! - 0! + 6) \times \sqrt{5 - 0!} \\
 79802 &:= -7! / (\sqrt{9})! + (8! + 0!) \times 2 & 80654 &:= (8! + 0! + 6! / 5!) \times \sqrt{4} \\
 79824 &:= -7! / (\sqrt{9})! + 8! \times 2 + 4! & 80664 &:= (8! - 0 + 6 + 6) \times \sqrt{4} \\
 79853 &:= (7 - (\sqrt{9})!!) \times (8 - 5!) - 3 & 80692 &:= (8! - 0! + \sqrt{6! + 9}) \times 2 \\
 79854 &:= (7 - (\sqrt{9})!!) \times (8 - 5!) - \sqrt{4} & 80694 &:= (8! + \sqrt{(0 + 6)! + 9}) \times \sqrt{4} \\
 79859 &:= (7 - (\sqrt{9})!!) \times (8 - 5!) + \sqrt{9} & 80782 &:= (\sqrt{(8 \times 0)! + 7! + 8!}) \times 2 \\
 79899 &:= -7 \times (\sqrt{9} + 8!) - (\sqrt{9})!! + 9! & 80784 &:= 8 \times (0! + 7! + 8) \times \sqrt{4} \\
 79913 &:= -7 + (-9 + ((\sqrt{9})! - 1)!) \times 3!! & 80794 &:= (8! + \sqrt{0! + 7!} + (\sqrt{9})!) \times \sqrt{4} \\
 79926 &:= -7! + ((\sqrt{9})! - (\sqrt{9})!!)^2 / 6 & 81346 &:= (8! - 1 - 3!) \times \sqrt{4} + 6! \\
 79927 &:= 7 + (\sqrt{9})!! \times (-9 + (-2 + 7)!) & 81357 &:= -\sqrt{\sqrt{81}} + 3!! \times (5! - 7) \\
 79954 &:= (-7^{\sqrt{9}} + (\sqrt{9} + 5)!) \times \sqrt{4} & 81359 &:= 8! - 1 + 3!! + (5 + \sqrt{9})! \\
 80354 &:= (8! + 0! - 3!! / 5) \times \sqrt{4} & 81936 &:= 8! - (1 + (\sqrt{9})!)! + 3!^6 \\
 80384 &:= (8! - (-0! + 3!)! - 8) \times \sqrt{4} & 81937 &:= 8! + 1 + (\sqrt{9})!^{3!} - 7! \\
 80394 &:= (8! - (-0! + 3!)! - \sqrt{9}) \times \sqrt{4} & 82084 &:= (8! + 2 + (\sqrt{0! + 8})!!) \times \sqrt{4} \\
 80399 &:= -8! - 0! + (-3!! + 9!) / \sqrt{9} & 82088 &:= 8 + 2 \times ((\sqrt{0! + 8})!! + 8!) \\
 80474 &:= (8! + 0!) \times \sqrt{4} - 7 \times 4! & 82092 &:= (8! + (2 + 0!)! + (\sqrt{9})!!) \times 2 \\
 80484 &:= (-80 + \sqrt{4} + 8!) \times \sqrt{4} & 82284 &:= (822 + 8!) \times \sqrt{4} \\
 80494 &:= (8! - 0! - 4! \times \sqrt{9}) \times \sqrt{4} & 82368 &:= 8! \times 2 + \sqrt{3!^6} \times 8 \\
 & & 82793 &:= 8! \times 2 - 7 + \sqrt{9} \times 3!! \\
 & & 82896 &:= (-8 + (\sqrt{2 \times 8})!^{\sqrt{9}}) \times 6
 \end{aligned}$$

$$82936 := -8 + (-2 + (\sqrt{9})!)^3 \times 6$$

$$82937 := (8/2)!^{\sqrt{9}} \times 3! - 7$$

$$82942 := 8^2 \times (\sqrt{9})!^4 - 2$$

$$82952 := 8 + (2 \times (\sqrt{9})!!/5)^2$$

$$83232 := 2 \times (\sqrt{3!(2^3)} + 8!)$$

$$83328 := 8^2 \times (3! + \sqrt{3!^8})$$

$$83384 := (8 + 3!)^3 + 8! \times \sqrt{4}$$

$$83424 := (8! + (3!! - 4!) \times 2) \times \sqrt{4}$$

$$83544 := 8! + 3 \times 5!^{\sqrt{4}} + 4!$$

$$83584 := -8! + (3 \times 5! - 8)^{\sqrt{4}}$$

$$83656 := -\sqrt{(8 + 3!)^6} + 5! \times 6!$$

$$83957 := 8 \times 3^{(\sqrt{9})!} + 5^7$$

$$83994 := -8!/3! - (\sqrt{9})! + 9!/4$$

$$84736 := 8! \times \sqrt{4} + (7 - 3)^6$$

$$84743 := 8! \times \sqrt{4} + 7 + 4^3!$$

$$84755 := (8 - \sqrt{4})! + 7^5 \times 5$$

$$84952 := -8 + (\sqrt{4 \times 9})! \times (5! - 2)$$

$$84954 := -8 + \sqrt{4} + (\sqrt{9})!! \times (5! - \sqrt{4})$$

$$84955 := (-8 - 4 + (\sqrt{9})!!) \times 5! + 5$$

$$84960 := 8! \times \sqrt{4} + (\sqrt{9})! \times 6! + 0$$

$$84961 := 8! \times \sqrt{4} + (\sqrt{9})! \times 6! + 1$$

$$84962 := 8! \times \sqrt{4} + (\sqrt{9})! \times 6! + 2$$

$$84963 := 8! \times \sqrt{4} + (\sqrt{9})! \times 6! + 3$$

$$84964 := 8! \times \sqrt{4} + (\sqrt{9})! \times 6! + 4$$

$$84965 := 8! \times \sqrt{4} + (\sqrt{9})! \times 6! + 5$$

$$84966 := 8! \times \sqrt{4} + (\sqrt{9})! \times 6! + 6$$

$$84967 := 8! \times \sqrt{4} + (\sqrt{9})! \times 6! + 7$$

$$84968 := 8! \times \sqrt{4} + (\sqrt{9})! \times 6! + 8$$

$$84969 := 8! \times \sqrt{4} + (\sqrt{9})! \times 6! + 9$$

$$84996 := 8! \times \sqrt{4} + (\sqrt{9})! \times ((\sqrt{9})! + 6!)$$

$$85437 := (8! - 5!) \times \sqrt{4} - 3 + 7!$$

$$85440 := (-8 + (\sqrt{5 + 4})!!) \times (4 + 0)!$$

$$85442 := (8! + (5 + \sqrt{4})^4) \times 2$$

$$85448 := 8 + 5! \times ((4 + \sqrt{4})! - 8)$$

$$85456 := 8 \times (-5! + \sqrt{4}) + 5! \times 6!$$

$$85669 := -8 + 5! \times (6! - 6) - \sqrt{9}$$

$$85672 := -8 + 5! \times (6! - (\sqrt{7 + 2})!)$$

$$85792 := -8 + 5! \times (-7 + (\sqrt{9})!! + 2)$$

$$85928 := 8 + 5! \times ((\sqrt{9})!! - \sqrt{2 \times 8})$$

$$86154 := (-8 + 6!) \times (1 + 5!) + \sqrt{4}$$

$$86354 := -8 \times 6 + 3!! \times 5! + \sqrt{4}$$

$$86389 := -8 + 6! \times (-3 + 8)! - \sqrt{9}$$

$$86391 := -8 + 6!/3! \times (\sqrt{9})!! - 1$$

$$86392 := -8 + 6! \times (\sqrt{3 \times 9 - 2})!$$

$$86393 := -8 + (6 + 3!! \times (\sqrt{9})!!) / 3!$$

$$86394 := -8 + 6!/3! \times (\sqrt{9})!! + \sqrt{4}$$

$$86398 := -8 + 6 + 3!! \times (-\sqrt{9} + 8)!$$

$$86399 := 8 + 6!/3! \times (\sqrt{9})!! - 9$$

$$86448 := 8 \times 6! + \sqrt{4} \times (4! + 8!)$$

$$86544 := (8 + 6! \times 5 - \sqrt{4}) \times 4!$$

$$86592 := (8 + 6! \times 5) \times ((\sqrt{9})! - 2)!$$

$$86938 := 8! + 6^{(\sqrt{9})!} - 38$$

$$86946 := 8! + 6^{(\sqrt{9})!} - 4! - 6$$

$$86949 := 8! + 6^{(\sqrt{9})!} - 4! - \sqrt{9}$$

$$86956 := 8! + 6^{(\sqrt{9})!} - 5!/6$$

$$86964 := 8! + 6^{(\sqrt{9})!} - 6 \times \sqrt{4}$$

$$86965 := 8! - 6 + (\sqrt{9})!^6 - 5$$

$$86970 := 8! + 6^{(\sqrt{9})!} - 7 + 0!$$

$$\begin{aligned}
86976 &:= 8! + \sqrt{(6^9-7)^6} \\
86977 &:= 8! + 6^{(\sqrt{9})!} + 7/7 \\
86982 &:= 8 + 6^{(\sqrt{9})!} + 8! - 2 \\
86984 &:= 8! + 6^{(\sqrt{9})!} + \sqrt{\sqrt{8^4}} \\
86994 &:= 8! + 6^{(\sqrt{9})!} + 9 \times \sqrt{4} \\
86996 &:= (8 + 6!) \times ((\sqrt{9})!! - \sqrt{9}) / 6 \\
86997 &:= 8! + 6^{(\sqrt{9})!} + \sqrt{9} \times 7 \\
87379 &:= ((8!/7!)^3! - 7) / \sqrt{9} \\
87595 &:= (-8 + 7^5 + (\sqrt{9})!!) \times 5 \\
87696 &:= 8 \times 7! + 6! + (\sqrt{9})!^6 \\
88536 &:= (\sqrt{8+8} + 5!) \times (3!! - 6) \\
89460 &:= -8! + (\sqrt{9})!! / 4 \times (6! + 0!) \\
89471 &:= 8! + \sqrt{9} \times 4^7 - 1 \\
89472 &:= 8! + \sqrt{9} \times 4^{\sqrt{7^2}} \\
89537 &:= (8 + (\sqrt{9})!!) \times (5! + 3) - 7 \\
89568 &:= (8! + (\sqrt{9})!!) / 5 \times 6 + 8! \\
89595 &:= 8!/9 \times 5! / (\sqrt{9})! - 5 \\
89599 &:= (8! / (\sqrt{9})! \times 5! - 9) / 9 \\
89659 &:= -8 + \sqrt{9^6} \times (5! + \sqrt{9}) \\
89956 &:= -8 + ((\sqrt{9})!! - (\sqrt{9})!) \times (5! + 6) \\
89992 &:= -8 - (\sqrt{9})!! + 9! / ((\sqrt{9})! - 2) \\
89995 &:= (8 - \sqrt{9})^{\sqrt{9}} \times (\sqrt{9})!! - 5 \\
90125 &:= ((\sqrt{9})!! + 0!) \times 125 \\
90592 &:= ((\sqrt{9})!! - 0!) \times (5! + (\sqrt{9})!) - 2 \\
90648 &:= 9 \times ((0! + 6)! \times \sqrt{4} - 8) \\
90690 &:= (9! - (-0! + 6)!) / (\sqrt{9} + 0!) \\
90693 &:= ((\sqrt{9})! \times (0! + 6)! - 9) \times 3 \\
90704 &:= (9 \times (-0! + 7!) + 0!) \times \sqrt{4} \\
90714 &:= -(\sqrt{9})! + (0! + 7 + 1)! / 4 \\
90717 &:= \sqrt{9} \times (-0! + 7! \times (-1 + 7)) \\
90718 &:= -\sqrt{9} + 0! + 7! \times 18 \\
90734 &:= \sqrt{9} \times (0! + 7!) \times 3! - 4 \\
90735 &:= \sqrt{9} \times ((0 + 7)! \times 3! + 5) \\
90742 &:= (9 \times (0! + 7!) + \sqrt{4}) \times 2 \\
90753 &:= (((\sqrt{9})! \times (0! + 7!) + 5) \times 3) \\
90774 &:= 9 \times (-0! + 7 + 7! \times \sqrt{4}) \\
90786 &:= (\sqrt{9} \times (0! + 7!) + 8) \times 6 \\
90792 &:= 9 \times (0! + 7! + \sqrt{9}) \times 2 \\
90794 &:= \sqrt{9} + \sqrt{0! + 7!} + 9! / 4 \\
90864 &:= (((\sqrt{9})! + 0!)! + 8) \times (-6 + 4!) \\
90894 &:= -(\sqrt{9})! + ((0! + 8)! + (\sqrt{9})!!) / 4 \\
90936 &:= 9! / (0! + \sqrt{9}) + \sqrt{3!^6} \\
91437 &:= (\sqrt{9})!! \times (1 + 4)! - 3 + 7! \\
91439 &:= (\sqrt{9} \times 3)! / 4 - 1 + (\sqrt{9})!! \\
91560 &:= (((\sqrt{9})! + 1)! + 5! \times (6! + 0!)) \\
91566 &:= 6! + (6 + 5!) \times (1 + (\sqrt{9})!!) \\
91573 &:= ((\sqrt{9})!! + 1) \times (5! + 7) + 3! \\
91974 &:= (9! - (1 + \sqrt{9})! - 7!) / 4 \\
92032 &:= 2 \times (3!! - 0!) \times 2^{(\sqrt{9})!} \\
92160 &:= (\sqrt{9})!! \times 2^{1+6} + 0 \\
92161 &:= (\sqrt{9})!! \times 2^{1+6} + 1 \\
92162 &:= (\sqrt{9})!! \times 2^{1+6} + 2 \\
92163 &:= (\sqrt{9})!! \times 2^{1+6} + 3 \\
92164 &:= (\sqrt{9})!! \times 2^{1+6} + 4 \\
92165 &:= (\sqrt{9})!! \times 2^{1+6} + 5 \\
92166 &:= (\sqrt{9})!! \times 2^{1+6} + 6 \\
92167 &:= (\sqrt{9})!! \times 2^{1+6} + 7 \\
92168 &:= (\sqrt{9})!! \times 2^{1+6} + 8
\end{aligned}$$

$$\begin{aligned}
 92169 &:= (\sqrt{9})!! \times 2^{1+6} + 9 & 93435 &:= (\sqrt{9})!^{3!} \times \sqrt{4} + 3 + 5! \\
 92184 &:= (\sqrt{9})!! \times 2^{(-1+8)} + 4! & 93544 &:= \left((\sqrt{9})!^{3!} + 5! - 4 \right) \times \sqrt{4} \\
 92288 &:= \left((\sqrt{9})!! \times 2 + 2 \right) \times 8 \times 8 & 93546 &:= \left((\sqrt{9})!^{3!} + 5! \right) \times \sqrt{4} - 6 \\
 92416 &:= \left((\sqrt{9})!! + 2 \right) \times \sqrt{4^{1+6}} & 93549 &:= \left((\sqrt{9})!^{3!} + 5! \right) \times \sqrt{4} - \sqrt{9} \\
 92592 &:= -(\sqrt{9})!! + (-2 + 5)!^{(\sqrt{9})!} \times 2 & 93552 &:= \left((\sqrt{9})! \times 3!^5 + 5! \right) \times 2 \\
 92880 &:= (\sqrt{9})!! \times (2 \times (8 \times 8) + 0!) & 93562 &:= \left((\sqrt{9})!^{3!} + \sqrt{5^6} \right) \times 2 \\
 92928 &:= \left((\sqrt{9})!! / 2 + \sqrt{9} \right) \times 2^8 & 93564 &:= \left((\sqrt{9})!^{3!} + 5! + 6 \right) \times \sqrt{4} \\
 93009 &:= (9 + (3! - 0!)!) \times (0! + (\sqrt{9})!!) & 93594 &:= -(\sqrt{9})! + 3!! \times (5! + (\sqrt{9})! + 4) \\
 93248 &:= 9! / 3! + \sqrt{2^{4!}} \times 8 & 93595 &:= (\sqrt{9})!! + 3!! \times (5! + 9) - 5 \\
 93252 &:= (\sqrt{9})!^{3!} \times 2 - 5! / 2 & 93597 &:= -\sqrt{9} + 3!! \times (5! + \sqrt{9} + 7) \\
 93256 &:= (\sqrt{9})!^{3!} \times 2 - 56 & 93756 &:= (\sqrt{9})! \times (-3! + 7 + 5^6) \\
 93264 &:= \left((\sqrt{9})!^{3!} - (-2 + 6)! \right) \times \sqrt{4} & 93888 &:= 9 \times (\sqrt{3!^8} + 8) \times 8 \\
 93288 &:= (\sqrt{9})!^{3!} \times 2 - (\sqrt{8+8})! & 93894 &:= (\sqrt{9})! \times ((-3 + 8)^{(\sqrt{9})!} + 4!) \\
 93294 &:= \left((\sqrt{9})!^{3 \times 2} - 9 \right) \times \sqrt{4} & 93927 &:= \left((\sqrt{9})!! - 3 \right) \times (\sqrt{9} + 2^7) \\
 93298 &:= (\sqrt{9})!^{3!} \times 2 - (\sqrt{9})! - 8 & 94032 &:= (\sqrt{9})!! + (4 - 0!)!^{3!} \times 2 \\
 93300 &:= \left((\sqrt{9})!^{3!} - 3! \right) \times (0! + 0!) & 94464 &:= \left((\sqrt{9})!! - \sqrt{\sqrt{\sqrt{4^{4!}}}} \right) \times 6 \times 4! \\
 93302 &:= \left((\sqrt{9})!^{3!} - (3! - 0!) \right) \times 2 & 94512 &:= \left((\sqrt{9})!! - 4 \right) \times (5! + 12) \\
 93304 &:= \left((\sqrt{9})!^{3!} - 3 - 0! \right) \times \sqrt{4} & 94752 &:= 94 \times 7! / \sqrt{5^2} \\
 93306 &:= \left((\sqrt{9})!^{3!} / 3 - 0! \right) \times 6 & 94754 &:= 94 \times 7! / 5 + \sqrt{4} \\
 93309 &:= (-9 + 3!^{3!+0!}) / \sqrt{9} & 94816 &:= 9! / 4 + 8^{\sqrt{16}} \\
 93311 &:= (\sqrt{9})!^{3!} \times (3 - 1) - 1 & 94824 &:= (9! / 4 + 8) + \sqrt{2^{4!}} \\
 93313 &:= (\sqrt{9} + 3!^{3!+1}) / 3 & 94864 &:= \left((9! / \sqrt{4} + 8!) / 6! \right)^{\sqrt{4}} \\
 93314 &:= \left((9 - 3)^{3!} + 1 \right) \times \sqrt{4} & 94944 &:= (9 + 4!) \times (\sqrt{9})!! - 4! \times 4 \\
 93315 &:= \sqrt{9} + 3!^{3!} \times \sqrt{-1 + 5} & 94957 &:= -\sqrt{9} + \left(4 + (\sqrt{9})! \right)^5 - 7! \\
 93322 &:= \left((\sqrt{9})!^{3!} + 3 + 2 \right) \times 2 & 95035 &:= \left(\sqrt{(\sqrt{9})!! / 5} \right)! / (0! + 3!)! - 5 \\
 93324 &:= \left(\sqrt{9} + 3!^{3!} / 2 \right) \times 4 & 95037 &:= -\sqrt{9} + ((5 - 0!) \times 3)! / 7! \\
 93384 &:= \left(\sqrt{9} + 3 \times \sqrt{3!^8} \right) \times 4! & 95040 &:= \left(\sqrt{(\sqrt{9})!! / 5} \right)! / (0! + (4 - 0!)!)! \\
 93432 &:= (\sqrt{9})!^{3!} \times \sqrt{4} + (3 + 2)! & &
 \end{aligned}$$

$$95064 := \left(\sqrt{(\sqrt{9})!!/5} \right)! / (0! + 6)! + 4!$$

$$95368 := \left((\sqrt{9})! + 5^3 \right) \times (6! + 8)$$

$$95494 := (9 + 5! + 4) \times \left((\sqrt{9})!! - \sqrt{4} \right)$$

$$95496 := \left(-9! + 5!^4 / \sqrt{9} \right) / 6!$$

$$95499 := \left(9 + 5! + \sqrt{4} \right) \times 9^{\sqrt{9}}$$

$$95532 := \left(-(\sqrt{9})! + 5! \right) \times (5! + 3!! - 2)$$

$$95745 := -\sqrt{9} \times 5 + 7! \times (4! - 5)$$

$$95749 := 9!/4 + 7! - 5 - (\sqrt{9})!$$

$$95754 := -(\sqrt{9})!!/5! + 7! \times (-5 + 4!)$$

$$95757 := -\sqrt{9} + 5! \times 7 \times 5! - 7!$$

$$95760 := (\sqrt{9})!! \times (5! + 7 + 6) + 0$$

$$95761 := (\sqrt{9})!! \times (5! + 7 + 6) + 1$$

$$95762 := (\sqrt{9})!! \times (5! + 7 + 6) + 2$$

$$95763 := (\sqrt{9})!! \times (5! + 7 + 6) + 3$$

$$95764 := (\sqrt{9})!! \times (5! + 7 + 6) + 4$$

$$95765 := (\sqrt{9})!! \times (5! + 7 + 6) + 5$$

$$95766 := (\sqrt{9})!! \times (5! + 7 + 6) + 6$$

$$95767 := (\sqrt{9})!! \times (5! + 7 + 6) + 7$$

$$95768 := (\sqrt{9})!! \times (5! + 7 + 6) + 8$$

$$95769 := (\sqrt{9})!! \times (5! + 7 + 6) + 9$$

$$95784 := \left((\sqrt{9})! + 5 \right) \times 7! + 8! + 4!$$

$$95937 := (\sqrt{9})! \times 5^{(\sqrt{9})!} + 3^7$$

$$95976 := (9 + 5!) \times \left((\sqrt{9+7})! + 6! \right)$$

$$95994 := -(\sqrt{9})! + (5!^{\sqrt{9}}) / (9 \times \sqrt{4})$$

$$95999 := -(\sqrt{9} - 5!^{\sqrt{9}} / (\sqrt{9})!) / \sqrt{9}$$

$$96475 := (\sqrt{9})!! \times (6 + \sqrt{4^7}) - 5$$

$$96480 := (\sqrt{9})!! \times (6 + \sqrt{4^{(8-0!)}})$$

$$96558 := \left((\sqrt{9})! + 6! \right) \times (5! + 5 + 8)$$

$$96768 := \left((\sqrt{9})! + 6 \right)! / (7! - 6!/8)$$

$$96957 := \sqrt{9^6} \times \left((\sqrt{9})! + 5! + 7 \right)$$

$$96984 := -9!/6 + \sqrt{9^8} \times 4!$$

$$97209 := \left((\sqrt{9})!! + 7! \times 2 + 0! \right) \times 9$$

$$97344 := ((9 + 7 - 3) \times 4!)^{\sqrt{4}}$$

$$97447 := \left(-(\sqrt{9})!! + (7 + 4)^4 \right) \times 7$$

$$97464 := \left((\sqrt{9})!! + 7 \times \sqrt{4!^6} \right) - 4!$$

$$97632 := -(\sqrt{9})!! + 7! + 6^3! \times 2$$

$$97917 := -\sqrt{9} + (7! + (\sqrt{9})!!) \times 17$$

$$97920 := \left((\sqrt{9})!! + 7! \right) \times (-\sqrt{9} + 20)$$

$$97947 := \sqrt{9^7} + 9!/4 + 7!$$

$$98301 := \sqrt{9} \times (8^{3!-0!} - 1)$$

$$98302 := \sqrt{9} \times 8^{3!-0!} - 2$$

$$98424 := (\sqrt{9} + 8^4 + 2) \times 4!$$

$$98444 := \left((\sqrt{9})! + 8^4 \right) \times 4! - 4$$

$$98448 := \left((\sqrt{9})! + 8^4 \right) \times (-4 + 8)!$$

$$98496 := -(\sqrt{9})!^8/4 + (\sqrt{9})!! \times 6!$$

$$98517 := \sqrt{9} \times (8^5 + \sqrt{1+7!})$$

$$98535 := \sqrt{9^8} \times 5 \times 3 + 5!$$

$$98634 := -(\sqrt{9})! + 8! + 6! \times 3^4$$

$$98640 := (\sqrt{9})!! \times (-8 + 6 \times 4! + 0!)$$

$$98784 := \left(\sqrt{(\sqrt{9})!^8 \times 7 + 8!} \right) \times \sqrt{4}$$

$$99024 := (\sqrt{9})!! + (\sqrt{9} + 0!)! \times \sqrt{2^4!}$$

$$99127 := \left((\sqrt{9})!! / (\sqrt{9})! - 1 \right)^2 \times 7$$

$$99342 := 9! - \left((\sqrt{9})! + 3!! \right)^{\sqrt{4}} / 2$$

$$99354 := -(\sqrt{9})! + (\sqrt{9})!! \times (-3! + 5! + 4!)$$

$$99355 := (\sqrt{9})!! \times (\sqrt{9} \times 3! + 5!) - 5$$

$$\begin{aligned}
 99360 &:= (\sqrt{9})!! \times (\sqrt{9} \times 3! + (6 - 0)!) & 99594 &:= \left(-(\sqrt{9})! + 9!/5! \right) \times (9 + 4!) \\
 99369 &:= (9! + 9^{\sqrt{36}}) / 9 & 99648 &:= \sqrt{(9 + 9)^6} \times 4! - 8! \\
 99378 &:= 9 + \sqrt{9^{3+7}} + 8! & 99720 &:= \left(-9 \times (\sqrt{9})! + 7! \right) \times 20 \\
 99408 &:= (\sqrt{9})! \times \left((\sqrt{9})!! \times (4! - 0!) + 8 \right) & 99792 &:= 99 \times 7! / (\sqrt{9} + 2) \\
 99495 &:= (\sqrt{9^9} + 4! \times 9) \times 5 & 99846 &:= \left(9 + (-\sqrt{9} + 8)! \right)^{\sqrt{4}} \times 6 \\
 99584 &:= (\sqrt{9})!! \times (\sqrt{9})!! / 5 - 8^4 & &
 \end{aligned}$$

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