

# Selfie Numbers: Representations in Increasing and Decreasing Orders of Non Consecutive Digits

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**ABSTRACT.** In this work, the numbers have been written in terms of increasing and decreasing orders of non consecutive digits. For numbers with consecutive digits, see author's work [16]. The operations used are: *addition, subtraction, multiplication, potentiation, division, factorial and square-root*. For simplicity, we named these numbers as *selfie numbers*, since they have same digits on both sides of the expressions. Interesting symmetries among pair of *selfie numbers* are also presented.

## 1. SELFIE NUMBERS

In 1940, Hardy, 1940 [6] for the first time gave the idea of *narcissistic numbers*. These are also known as Armstrong number, Perfect Digital Invariant (Madachy 1979 [8]), etc. Madachy [8], studied these numbers in more details above numbers. Later, many authors [7] [14] came across in this direction and produced very interesting results. A good list of numbers having same digits on both sides of the expressions with the operations: *addition, subtraction, multiplication, potentiation and division* are called *Freidman numbers*, and can be seen at [4] [5]. In some situations, numbers having more operations like *square-root, factorial* etc., are named "*pretty wild or radical narcissistic numbers*" [11] [12] [13]. Rose [12] [13] studied these numbers just upto four digits. Instead calling "*pretty wild or radical narcissistic numbers*", let us call them as "*selfie numbers or selfie representations*", i.e., the numbers that can be represented by same digits with operations  $[+, -, \times, ^, /, \sqrt, !]$ . For simplicity, let us divide the *selfie numbers* in two different categories. See the examples below:

### 1.1. Representations in Order of Digits and Reverse

- **Order of Digits**

$$\begin{aligned} 24 &= (2 \times \sqrt{4})!; \\ 71 &= \sqrt{7! + 1}; \\ 936 &= (\sqrt{9!})^3 + 6!; \\ 1296 &= \sqrt{(1 + 2)!^9/6}; \\ 2896 &= 2 \times (8 + (\sqrt{9})!! + 6!). \\ 12969 &= 1 \times 2 \times 9 \times 6! + 9. \end{aligned}$$

- **Reverse Order of Digits**

$$\begin{aligned} 24 &= \sqrt{(4!)^2}; \\ 71 &= \sqrt{1 + 7!}; \\ 936 &= 6! + (3!)^{\sqrt{9}}; \\ 1296 &= 6^{(\sqrt{9}+2-1)}; \\ 2896 &= (6! + (\sqrt{9})!! + 8) \times 2. \\ 20167 &= 7 + (6 + 1 + 0!)!/2. \end{aligned}$$

### 1.2. Representations in Increasing and Decreasing Orders of Digits

- **Increasing Order of Digits**

$$\begin{aligned} 936 &= 3!! + 6^{\sqrt{9}}. \\ 1296 &= (1 + 2)! \times 6^{\sqrt{9}}. \\ 8397 &= -3 - 7! + 8!/\sqrt{9}. \\ 573846 &= -3!! - (\sqrt{4} - (5! - 6) \times 7! - 8). \\ 241965 &= (1 + (2 \times 4)! + 5) \times 6 + 9. \end{aligned}$$

- **Decreasing Order of Digits**

$$\begin{aligned} 936 &= (\sqrt{9})!! + 6^3. \\ 1296 &= ((\sqrt{9})! \times 6)^2 \times 1. \\ 20148 &= (8! - 4)/2 - 10. \\ 435609 &= 9 + (6! - 5!/\sqrt{4})^{(3-0!)}. \\ 13287456 &= (8 + 76) \times (54^3 + (2 + 1)!!). \end{aligned}$$

In literature, there are only examples of subsection 1.1 (in digits order [12]). The reverse orders are not known so far literature. Extended study of numbers as of subsection 1.1, see author's work [19]. In subsection 1.2, there are two possibilities. One when the numbers have their representations in consecutive order of digits and second non-consecutive order. Study for consecutive numbers see author's work [16]. For different study on numbers refer to author's work [15] [17] [18] [20]. Some comments on [15] can be seen in [1] [2] [9] [10]. Here our aim is to study extensively, the *selfie numbers* according to subsection 1.2 considering their representations in non consecutive orders of digits in increasing and decreasing ways. The operations applied are: *addition, subtraction, multiplication, potentiation, division, factorial and square-root* i.e.,  $[+, -, \times, ^, /, \sqrt, !]$ . Interesting symmetries among pair of *selfie numbers* are also presented.

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## 2. SYMMETRICAL SELFIES

In this section, we shall present *symmetrical selfies* in four different parts: first one, increasing and decreasing jointly, second in increasing order, third in decreasing order and fourth in decreasing order ending in zero. Sometimes, we can call them as "twin or multiple selfies".

### 2.1. Increasing and Decreasing Orders

$$\begin{array}{ll}
 2167 = (1 + 2) \times 6! + 7 & = 7 + 6! \times (2 + 1). \\
 2168 = (1 + 2) \times 6! + 8 & = 8 + 6! \times (2 + 1). \\
 2169 = (1 + 2) \times 6! + 9 & = 9 + 6! \times (2 + 1). \\
 \\ 
 5761 = 1 + 5! \times 6 + 7! & = 7! + 6 \times 5! + 1. \\
 5762 = 2 + 5! \times 6 + 7! & = 7! + 6 \times 5! + 2. \\
 5763 = 3 + 5! \times 6 + 7! & = 7! + 6 \times 5! + 3. \\
 5764 = 4 + 5! \times 6 + 7! & = 7! + 6 \times 5! + 4. \\
 \\ 
 5768 = 5! \times 6 + 7! + 8 & = 8 + 7! + 6 \times 5!. \\
 5769 = 5! \times 6 + 7! + 9 & = 9 + 7! + 6 \times 5!. \\
 \\ 
 15637 = -1 + 3! + 5^6 + 7 & = 7 + 6 + 5^{3!} - 1. \\
 15638 = -1 + 3! + 5^6 + 8 & = 8 + 6 + 5^{3!} - 1. \\
 15639 = -1 + 3! + 5^6 + 9 & = 9 + 6 + 5^{3!} - 1. \\
 \\ 
 34561 = 1 + (3 + 45) \times 6! & = 6! \times (5 + 43) + 1. \\
 34562 = 2 + (3 + 45) \times 6! & = 6! \times (5 + 43) + 2. \\
 \\ 
 34567 = (3 + 45) \times 6! + 7 & = 7 + 6! \times (5 + 43). \\
 34568 = (3 + 45) \times 6! + 8 & = 8 + 6! \times (5 + 43). \\
 34569 = (3 + 45) \times 6! + 9 & = 9 + 6! \times (5 + 43). \\
 \\ 
 38167 = -1 \times 3 \times 6! + 7 + 8! & = 8! + 7 - 6! \times 3 \times 1. \\
 38169 = -1 \times 3 \times 6! + 8! + 9 & = 9 + 8! - 6! \times 3 \times 1. \\
 \\ 
 39481 = 1 - (3 + \sqrt{4})! + 8! - (\sqrt{9})!! = -(\sqrt{9})!! + 8! - (\sqrt{4} + 3)! + 1. \\
 39482 = 2 - (3 + \sqrt{4})! + 8! - (\sqrt{9})!! = -(\sqrt{9})!! + 8! - (\sqrt{4} + 3)! + 2. \\
 \\ 
 39761 = 1 + ((3 + 6)! - 7!)/9 & = (9! - 7!)/(6 + 3) + 1. \\
 39762 = 2 + ((3 + 6)! - 7!)/9 & = (9! - 7!)/(6 + 3) + 2. \\
 \\ 
 45361 = 1 + 3!!/\sqrt{4} \times (5! + 6) & = (65 - \sqrt{4}) \times 3!! + 1. \\
 45362 = 2 + 3!!/\sqrt{4} \times (5! + 6) & = (65 - \sqrt{4}) \times 3!! + 2. \\
 \\ 
 45367 = 3!!/\sqrt{4} \times (5! + 6) + 7 & = 7 + (65 - \sqrt{4}) \times 3!!. \\
 45368 = 3!!/\sqrt{4} \times (5! + 6) + 8 & = 8 + (65 - \sqrt{4}) \times 3!!. \\
 \\ 
 48961 = 1 + 4 \times 6! \times (8 + 9) & = (9 + 8) \times 6! \times 4 + 1. \\
 48962 = 2 + 4 \times 6! \times (8 + 9) & = (9 + 8) \times 6! \times 4 + 2. \\
 48963 = 3 + 4 \times 6! \times (8 + 9) & = (9 + 8) \times 6! \times 4 + 3. \\
 \\ 
 75691 = 1 + 5 \times (6 + 7!) \times \sqrt{9} & = \sqrt{9} \times (7! + 6) \times 5 + 1. \\
 75692 = 2 + 5 \times (6 + 7!) \times \sqrt{9} & = \sqrt{9} \times (7! + 6) \times 5 + 2. \\
 75693 = 3 + 5 \times (6 + 7!) \times \sqrt{9} & = \sqrt{9} \times (7! + 6) \times 5 + 3. \\
 75694 = 4 + 5 \times (6 + 7!) \times \sqrt{9} & = \sqrt{9} \times (7! + 6) \times 5 + 4. \\
 \\ 
 95761 = 1 + (5! + 6 + 7) \times (\sqrt{9})!! & = (\sqrt{9})!! \times (7 + 6 + 5!) + 1. \\
 95762 = 2 + (5! + 6 + 7) \times (\sqrt{9})!! & = (\sqrt{9})!! \times (7 + 6 + 5!) + 2. \\
 95763 = 3 + (5! + 6 + 7) \times (\sqrt{9})!! & = (\sqrt{9})!! \times (7 + 6 + 5!) + 3. \\
 95764 = 4 + (5! + 6 + 7) \times (\sqrt{9})!! & = (\sqrt{9})!! \times (7 + 6 + 5!) + 4. \\
 \\ 
 138479 = ((1 + 3!!) \times 4! + 7) \times 8 - 9 & = -9 + 8 \times (7 + 4! \times (3!! + 1)). \\
 138497 = ((1 + 3!!) \times 4! + 7) \times 8 + 9 & = +9 + 8 \times (7 + 4! \times (3!! + 1)). \\
 \\ 
 158364 = (1 + 3) \times (-4 - 5 - 6! + 8!) & = (8! - 6! - 5 - 4) \times (3 + 1). \\
 158436 = (1 + 3) \times (+4 + 5 - 6! + 8!) & = (8! - 6! + 5 + 4) \times (3 + 1). \\
 \\ 
 164892 = 12 + 4 \times (6! + 8!) + (\sqrt{9})!! & = (\sqrt{9} + 8! + 6!) \times 4 + (2 + 1)!!. \\
 164893 = 13 + 4 \times (6! + 8!) + (\sqrt{9})!! & = (\sqrt{9} + 8! + 6!) \times 4 + 3!! + 1. \\
 \\ 
 362914 = 1 + 23 + 4 + 6 + 9! & = 9! + 6 + 4 + 3 + 21. \\
 362915 = 1 + 23 + 5 + 6 + 9! & = 9! + 6 + 5 + 3 + 21. \\
 362917 = 1 + 23 + 6 + 7 + 9! & = 9! + 7 + 6 + 3 + 21. \\
 362918 = 1 + 23 + 6 + 8 + 9! & = 9! + 8 + 6 + 3 + 21. \\
 \\ 
 483719 = -1 + 3 \times 4 \times (-7 + 8! - \sqrt{9}) & = (-\sqrt{9} + 8! - 7) \times 4 \times 3 - 1. \\
 483791 = -1 + 3 \times 4 \times (-7 + 8! + \sqrt{9}) & = (+\sqrt{9} + 8! - 7) \times 4 \times 3 - 1. \\
 \\ 
 816472 = (1 + 2 + 4!) \times 6 \times 7! - 8 & = -8 + 7! \times 6 \times (4! + 2 + 1). \\
 816473 = 1 + (3 + 4!) \times 6 \times 7! - 8 & = -8 + 7! \times 6 \times (4! + 3) + 1. \\
 \\ 
 816492 = 12 + (4 + 6)!/8 + 9! & = (9!/8 \times 6 + 4) \times (2 + 1). \\
 816493 = 13 + (4 + 6)!/8 + 9! & = (9!/8 \times 6 + 4) \times 3 + 1. \\
 \\ 
 968412 = 12 + 4 \times 6 \times 8! + (\sqrt{9})!! & = (\sqrt{9} + 8! \times 6) \times 4 + (2 + 1)!!. \\
 968413 = 13 + 4 \times 6 \times 8! + (\sqrt{9})!! & = (\sqrt{9} + 8! \times 6) \times 4 + 3!! + 1. \\
 \\ 
 236879 = (2^3)! \times 6 - 7! + 8 - 9 & = -9 + 8 - 7! + 6 \times (3! + 2)!. \\
 236897 = (2^3)! \times 6 - 7! + 8 + 9 & = +9 + 8 - 7! + 6 \times (3! + 2)!. \\
 \\ 
 263495 = 2 + 3 \times ((\sqrt{4} + 5!) \times 6! - 9) & = (-9 + 6! \times (5! + \sqrt{4})) \times 3 + 2. \\
 263549 = 2 + 3 \times ((\sqrt{4} + 5!) \times 6! + 9) & = (+9 + 6! \times (5! + \sqrt{4})) \times 3 + 2. \\
 \\ 
 267849 = (2 + 4) \times (-6! + 7! + 8!) + 9 & = 9 + (8! + 7! - 6!) \times (4 + 2). \\
 267894 = (2 + 4) \times (-6! + 7! + 8! + 9) & = 9 + (8! + 7! - 6!) \times (4 + 2). \\
 \\ 
 362978 = 23 + 67 + 8 + 9! & = 9! + 87 + 6 + 3 + 2. \\
 362987 = 23 + 6 + 78 + 9! & = 9! + 87 + 6 \times 3 + 2.
 \end{array}$$

## 2.2. Increasing Order

$$3781 = 1 + 3! \times 7!/8.$$

$$3782 = 2 + 3! \times 7!/8.$$

$$5172 = 12 + 5! + 7!.$$

$$5173 = 13 + 5! + 7!.$$

$$5174 = 14 + 5! + 7!.$$

$$34627 = 2 \times 3!! \times 4! + 67.$$

$$34628 = 2 \times 3!! \times 4! + 68.$$

$$34629 = 2 \times 3!! \times 4! + 69.$$

$$57461 = 1 + 4 \times 5^6 - 7!.$$

$$57462 = 2 + 4 \times 5^6 - 7!.$$

$$57463 = 3 + 4 \times 5^6 - 7!.$$

$$57468 = 4 \times 5^6 - 7! + 8.$$

$$57469 = 4 \times 5^6 - 7! + 9.$$

$$67541 = 1 + 4 \times 5^6 + 7!.$$

$$67542 = 2 + 4 \times 5^6 + 7!.$$

$$67543 = 3 + 4 \times 5^6 + 7!.$$

$$67548 = 4 \times 5^6 + 7! + 8.$$

$$67549 = 4 \times 5^6 + 7! + 9.$$

$$291546 = ((1 + 2)!! \times 45 - 6) \times 9.$$

$$291654 = ((1 + 2)!! \times 45 + 6) \times 9.$$

$$321845 = -(1 + 2)!! + (\sqrt{3^4})! - 5 - 8!.$$

$$321847 = -(1 + 2)!! + (\sqrt{3^4})! + 7 - 8!.$$

$$359167 = -(-1 + 3!)! - 5 \times 6! + 7 + 9!.$$

$$359168 = -(-1 + 3!)! - 5 \times 6! + 8 + 9!.$$

$$362194 = 1^2 \times 34 - 6! + 9!.$$

$$362195 = 1^2 \times 35 - 6! + 9!.$$

$$362941 = 12 + 3 + 46 + 9!.$$

$$362951 = 12 + 3 + 56 + 9!.$$

$$362957 = 2 + 3 + 5 + 67 + 9!.$$

$$362958 = 2 + 3 + 5 + 68 + 9!.$$

$$362974 = 23 + 4 + 67 + 9!.$$

$$362984 = 2 + 34 + 68 + 9!.$$

$$362975 = 23 + 5 + 67 + 9!.$$

$$362985 = 2 + 35 + 68 + 9!.$$

$$364957 = 345 \times 6 + 7 + 9!.$$

$$364958 = 345 \times 6 + 8 + 9!.$$

$$394567 = 3!! \times 4 \times (5 + 6) + 7 + 9!.$$

$$394568 = 3!! \times 4 \times (5 + 6) + 8 + 9!.$$

$$516972 = 12 + (5 + 6! - 7) \times (\sqrt{9})!!.$$

$$516973 = 13 + (5 + 6! - 7) \times (\sqrt{9})!!.$$

$$516974 = 14 + (5 + 6! - 7) \times (\sqrt{9})!!.$$

$$517693 = 13 - 5! \times (6 - 7! + (\sqrt{9})!!).$$

$$517694 = 14 - 5! \times (6 - 7! + (\sqrt{9})!!).$$

$$518463 = 1 \times 3!!^{\sqrt{4}} - 5 + 68.$$

$$518473 = 1 \times 3!!^{\sqrt{4}} - 5 + 78.$$

$$523798 = 2 \times (-35 \times 7 + 8^{(\sqrt{9})!}).$$

$$523948 = 2 \times (-34 \times 5 + 8^{(\sqrt{9})!}).$$

$$689235 = ((-2 + 3!!) \times 5! - 6) \times 8 + \sqrt{9}.$$

$$689325 = ((-2 + 3!!) \times 5! + 6) \times 8 - \sqrt{9}.$$

$$691572 = 12 + 5! \times (6! + 7! + \sqrt{9}).$$

$$691573 = 13 + 5! \times (6! + 7! + \sqrt{9}).$$

$$691574 = 14 + 5! \times (6! + 7! + \sqrt{9}).$$

$$694512 = 1 \times 2 - \sqrt{4} \times (5^6 - 9!).$$

$$694513 = 1 \times 3 - \sqrt{4} \times (5^6 - 9!).$$

$$938164 = (1 + 3!)! + 4 + \sqrt{6^8} \times (\sqrt{9})!!.$$

$$938165 = (1 + 3!)! + 5 + \sqrt{6^8} \times (\sqrt{9})!!.$$

$$964812 = 12 + 4 \times (6 \times 8! - (\sqrt{9})!!).$$

$$964813 = 13 + 4 \times (6 \times 8! - (\sqrt{9})!!).$$

$$1965723 = 123 + 5 \times (6 \times 7! + 9!).$$

$$1965724 = 124 + 5 \times (6 \times 7! + 9!).$$

$$1965734 = 134 + 5 \times (6 \times 7! + 9!).$$

$$2597163 = 123 + (5 \times 6! + 7) \times (\sqrt{9})!!.$$

$$2597164 = 124 + (5 \times 6! + 7) \times (\sqrt{9})!!.$$

$$3562947 = ((2 + 3) \times 4)^5 + 67 + 9!.$$

$$3562948 = ((2 + 3) \times 4)^5 + 68 + 9!.$$

$$3629147 = 1^2 + 346 + (7 + \sqrt{9})!.$$

$$3629157 = 1^2 + 356 + (7 + \sqrt{9})!.$$

$$3629471 = 1 + (2 \times 3 + 4) \times (67 + 9!).$$

$$3629481 = 1 + (2 \times 3 + 4) \times (68 + 9!).$$

$$3629475 = 2 - 3! + (\sqrt{4} \times 5)! + 679.$$

$$3629485 = 2 - 3! + (\sqrt{4} \times 5)! + 689.$$

$$5749168 = 1^4 - 5^6 + 7^8 - 9.$$

$$5749186 = 1^4 - 5^6 + 7^8 + 9.$$

$$5764812 = 1^{24} \times 5 + 6 + 7^8.$$

$$5764813 = 1^{34} + 5 + 6 + 7^8.$$

$$7156923 = 123 + 5!/6 \times (-7! + 9!).$$

$$7156924 = 124 + 5!/6 \times (-7! + 9!).$$

$$7156934 = 134 + 5!/6 \times (-7! + 9!).$$

$$\begin{aligned}12596738 &= 1 - 23 + 5 \times (6^7 - 8) \times 9. \\12596783 &= 1 \times 23 + 5 \times (6^7 - 8) \times 9. \\12596784 &= 1 \times 24 + 5 \times (6^7 - 8) \times 9.\end{aligned}$$

$$\begin{aligned}58461297 &= 12/4 \times ((5 + 6)^7 - 8 \times 9). \\58461729 &= 12/4 \times ((5 + 6)^7 + 8 \times 9).\end{aligned}$$

### 2.3. Decreasing Order

$$\begin{aligned}791 &= (\sqrt{9})!! + 71. \\792 &= (\sqrt{9})!! + 72. \\793 &= (\sqrt{9})!! + 73. \\794 &= (\sqrt{9})!! + 74. \\795 &= (\sqrt{9})!! + 75. \\796 &= (\sqrt{9})!! + 76.\end{aligned}$$

$$\begin{aligned}27368 &= 8 + 76 \times 3!!/2. \\27369 &= 9 + 76 \times 3!!/2.\end{aligned}$$

$$\begin{aligned}31257 &= 7 + 5^{3!} \times 2 \times 1. \\31258 &= 8 + 5^{3!} \times 2 \times 1. \\31259 &= 9 + 5^{3!} \times 2 \times 1.\end{aligned}$$

$$\begin{aligned}34651 &= (\sqrt{6!/5})!/4!^3 + 1. \\34652 &= (\sqrt{6!/5})!/4!^3 + 2.\end{aligned}$$

$$\begin{aligned}34657 &= 7 + (\sqrt{6!/5})!/4!^3. \\34658 &= 8 + (\sqrt{6!/5})!/4!^3. \\34659 &= 9 + (\sqrt{6!/5})!/4!^3.\end{aligned}$$

$$\begin{aligned}38761 &= 8! - 7!/6 - 3!! + 1. \\38762 &= 8! - 7!/6 - 3!! + 2.\end{aligned}$$

$$\begin{aligned}38764 &= 8! - 7!/6 + 4 - 3!!. \\38765 &= 8! - 7!/6 + 5 - 3!!.\end{aligned}$$

$$\begin{aligned}45391 &= 9 \times (5 + \sqrt{4})! + 31. \\45392 &= 9 \times (5 + \sqrt{4})! + 32.\end{aligned}$$

$$\begin{aligned}59761 &= (9! - 7!)/6 + 5! + 1. \\59762 &= (9! - 7!)/6 + 5! + 2. \\59763 &= (9! - 7!)/6 + 5! + 3. \\59764 &= (9! - 7!)/6 + 5! + 4.\end{aligned}$$

$$\begin{aligned}64981 &= (\sqrt{9})!!/8 \times (6! + \sqrt{4}) + 1. \\64982 &= (\sqrt{9})!!/8 \times (6! + \sqrt{4}) + 2.\end{aligned}$$

$$73591 = (9! + 7!)/5 + 3! + 1.$$

$$73592 = (9! + 7!)/5 + 3! + 2.$$

$$\begin{aligned}83526 &= 8! + 6 + 5! \times 3!!/2. \\83527 &= 8! + 7 + 5! \times 3!!/2.\end{aligned}$$

$$\begin{aligned}87361 &= 8! \times (7 + 6)/3! + 1. \\87362 &= 8! \times (7 + 6)/3! + 2.\end{aligned}$$

$$\begin{aligned}281573 &= 8! \times 7 + 53 - (2 + 1)!!. \\281574 &= 8! \times 7 + 54 - (2 + 1)!!.\end{aligned}$$

$$\begin{aligned}342795 &= 9! + 75 - (4!/3)!/2. \\342796 &= 9! + 76 - (4!/3)!/2.\end{aligned}$$

$$\begin{aligned}362148 &= -8 - 6! - 4 + (3^2)! \times 1. \\362158 &= -8 - 6! + 5 + (3^2)! + 1.\end{aligned}$$

$$\begin{aligned}491536 &= 9 + 6 + 5! \times 4^{3!} + 1. \\491537 &= 9 + 7 + 5! \times 4^{3!} + 1.\end{aligned}$$

$$\begin{aligned}531846 &= 8! + 6 + 5! \times 4^{3!} \times 1. \\531847 &= 8! + 7 + 5! \times 4^{3!} \times 1.\end{aligned}$$

$$\begin{aligned}624938 &= 9! + 8^6 - 43 \times 2. \\624983 &= 9! + 8^6 - 43 + 2.\end{aligned}$$

$$\begin{aligned}964821 &= ((\sqrt{9})! \times 8! - 6!) \times 4 + 21. \\964831 &= ((\sqrt{9})! \times 8! - 6!) \times 4 + 31.\end{aligned}$$

$$\begin{aligned}968421 &= (\sqrt{9})!! + 8! \times 6 \times 4 + 21. \\968431 &= (\sqrt{9})!! + 8! \times 6 \times 4 + 31.\end{aligned}$$

$$\begin{aligned}2176893 &= (9! + 8 - 76) \times 3! + 21. \\2176953 &= (9! + 7 - 65) \times 3! + 21.\end{aligned}$$

$$\begin{aligned}2597361 &= (\sqrt{9})!! \times (7 + 6! \times 5) + 321. \\2597461 &= (\sqrt{9})!! \times (7 + 6! \times 5) + 421.\end{aligned}$$

$$\begin{aligned}7516832 &= 87 \times 6! \times 5! + 32 \times 1. \\7516842 &= 87 \times 6! \times 5! + 42 \times 1. \\7516843 &= 87 \times 6! \times 5! + 43 \times 1.\end{aligned}$$

### 2.4. Decreasing Order of Digits Ending in Zero

$$\begin{aligned}3607 &= 7 + 6! \times (3! - 0!). \\3608 &= 8 + 6! \times (3! - 0!). \\3609 &= 9 + 6! \times (3! - 0!).\end{aligned}$$

$$\begin{aligned}5041 &= (5 + \sqrt{4})! + 1 \times 0!. \\5042 &= (5 + \sqrt{4})! + 2 \times 0!. \\5043 &= (5 + \sqrt{4})! + 3 \times 0!.\end{aligned}$$

$$\begin{aligned}5048 &= 8 + (5 + \sqrt{4})! \times 0!. \\5049 &= 9 + (5 + \sqrt{4})! \times 0!.\end{aligned}$$

$$\begin{aligned}20167 &= 7 + (6 + 2)!/(1 + 0!). \\20168 &= 8 + (6 + 2)!/(1 + 0!). \\20169 &= 9 + (6 + 2)!/(1 + 0!).\end{aligned}$$

$$\begin{aligned} 30245 &= 5 + (4 + 3)! \times (2 + 0)! \\ 30246 &= 6 + (4 + 3)! \times (2 + 0)! \\ 30247 &= 7 + (4 + 3)! \times (2 + 0)! \\ 30248 &= 8 + (4 + 3)! \times (2 + 0)! \\ 30249 &= 9 + (4 + 3)! \times (2 + 0)! \end{aligned}$$

$$\begin{aligned} 30967 &= (\sqrt{9})!! + 7 + 6 \times (3! + 0)! \\ 30968 &= (\sqrt{9})!! + 8 + 6 \times (3! + 0)! \end{aligned}$$

$$\begin{aligned} 40285 &= 8! + 5 - \sqrt{4} \times 20 \\ 40286 &= 8! + 6 - \sqrt{4} \times 20 \\ 40287 &= 8! + 7 - \sqrt{4} \times 20 \end{aligned}$$

$$\begin{aligned} 40315 &= 5 + (4!/3!) - 10 \\ 40317 &= 7 + (4!/3!) - 10 \end{aligned}$$

$$\begin{aligned} 40318 &= 8! - 4 \times 3 + 10 \\ 40328 &= 8! - 4 \times 3 + 20 \end{aligned}$$

$$\begin{aligned} 40325 &= 5 + (\sqrt{4 + 3 \times 20})! \\ 40326 &= 6 + (\sqrt{4 + 3 \times 20})! \\ 40327 &= 7 + (\sqrt{4 + 3 \times 20})! \end{aligned}$$

$$\begin{aligned} 40381 &= 8! + \sqrt{4} \times 31 - 0! \\ 40382 &= 8! + \sqrt{4} \times 31 + 0 \end{aligned}$$

$$\begin{aligned} 40385 &= 8! + 5 + \sqrt{4} \times 30 \\ 40386 &= 8! + 6 + \sqrt{4} \times 30 \\ 40387 &= 8! + 7 + \sqrt{4} \times 30 \end{aligned}$$

$$\begin{aligned} 40681 &= 8! + 6!/\sqrt{4} + 1 \times 0! \\ 40683 &= 8! + 6!/\sqrt{4} + 2 \times 0! \\ 40683 &= 8! + 6!/\sqrt{4} + 3 \times 0! \end{aligned}$$

$$\begin{aligned} 40687 &= 8! + 7 + 6!/\sqrt{4} \times 0! \\ 40689 &= 9 + 8! + 6!/\sqrt{4} \times 0! \end{aligned}$$

$$\begin{aligned} 59023 &= 9^5 - 3! - 20 \\ 59032 &= 9^5 + 3 - 20 \end{aligned}$$

$$\begin{aligned} 59024 &= 9^5 - 4! - 2 + 0! \\ 59042 &= 9^5 - 4 - 2 - 0! \end{aligned}$$

$$\begin{aligned} 60481 &= 8! \times 6/4 + 1 \times 0! \\ 60482 &= 8! \times 6/4 + 2 \times 0! \\ 60483 &= 8! \times 6/4 + 3 \times 0! \end{aligned}$$

$$\begin{aligned} 80641 &= 8! \times (6 - 4) + 1 \times 0! \\ 80642 &= 8! \times (6 - 4) + 2 \times 0! \\ 80643 &= 8! \times (6 - 4) + 3 \times 0! \end{aligned}$$

$$\begin{aligned} 80652 &= (8! + 6) \times (5 - 2 - 0!) \\ 80653 &= (8! + 6) \times (5 - 3) + 0! \end{aligned}$$

$$\begin{aligned} 120958 &= 9!/(8 - 5) - 2 + 1 \times 0 \\ 120963 &= 9!/(6 - 3) + 2 + 1 \times 0! \end{aligned}$$

$$120983 = \sqrt{9} + 8! \times 3 + 2 \times 10.$$

$$120985 = \sqrt{9} \times 8! + 5 + 2 \times 10.$$

$$\begin{aligned} 201583 &= 8! \times 5 + 3 - 2 \times 10 \\ 201584 &= 8! \times 5 + 4 - 2 \times 10 \end{aligned}$$

$$\begin{aligned} 281730 &= 8! \times 7 - 3!! + 210 \\ 283170 &= 8! \times 7 + 3!! + 210 \end{aligned}$$

$$\begin{aligned} 278064 &= 8! \times 7 + 6 \times (4! - (2 + 0)!!) \\ 286704 &= 8! \times 7 + 6 \times (4! + (2 + 0)!!) \end{aligned}$$

$$\begin{aligned} 302458 &= 8! - 5 + 4^{3^2} - 0! \\ 302584 &= 8! + 5! + 4^{3^2} - 0 \end{aligned}$$

$$\begin{aligned} 310896 &= 9 \times 8 \times (6 \times 3!! - 1 - 0!) \\ 310968 &= 9 \times 8 \times (6 \times 3!! - 1 - 0) \end{aligned}$$

$$\begin{aligned} 312507 &= 7 + 5^{3!} \times 2 \times 10 \\ 312570 &= (7 + 5^{3!} \times 2) \times 10 \end{aligned}$$

$$\begin{aligned} 312508 &= 8 + 5^{3!} \times 2 \times 10 \\ 312580 &= (8 + 5^{3!} \times 2) \times 10 \end{aligned}$$

$$\begin{aligned} 312509 &= 9 + 5^{3!} \times 2 \times 10 \\ 312590 &= (9 + 5^{3!} \times 2) \times 10 \end{aligned}$$

$$\begin{aligned} 346079 &= 9! - \sqrt{7^{6+4}} + 3! \times 0! \\ 346097 &= 9! - \sqrt{7^{6+4}} + (3 + 0)! \end{aligned}$$

$$\begin{aligned} 345806 &= 86 + 5! \times (4 \times 3!! + 0!) \\ 345807 &= 87 + 5! \times (4 \times 3!! + 0!) \end{aligned}$$

$$\begin{aligned} 345910 &= (\sqrt{9})!! \times 5! \times 4 + 310 \\ 345920 &= (\sqrt{9})!! \times 5! \times 4 + 320 \end{aligned}$$

$$\begin{aligned} 349028 &= 9! - 8 - 4!^3 - 20 \\ 349051 &= 9! + 5 - 4!^3 - 10 \end{aligned}$$

$$\begin{aligned} 349061 &= 9! + 6 - 4!^3 - 1 \times 0! \\ 349062 &= 9! + 6 - 4!^3 - 2 \times 0 \end{aligned}$$

$$\begin{aligned} 354289 &= \sqrt{9^8} \times 54 - 3 - 2 \\ 354298 &= \sqrt{9^8} \times 54 + 3! - 2 \end{aligned}$$

$$\begin{aligned} 359240 &= 9! - 5 \times (4 + 3!!) - 20 \\ 359260 &= 9! + 6 \times (5! - 3!!) - 20 \end{aligned}$$

$$\begin{aligned} 359046 &= 9! + 6 - 5! \times (\sqrt{4} + 30) \\ 359047 &= 9! + 7 - 5! \times (\sqrt{4} + 30) \\ 359048 &= 9! + 8 - 5! \times (\sqrt{4} + 30) \end{aligned}$$

$$\begin{aligned} 359406 &= 9! + 6 - (5! - 4) \times 30 \\ 359407 &= 9! + 7 - (5! - 4) \times 30 \\ 359408 &= 9! + 8 - (5! - 4) \times 30 \end{aligned}$$

$$\begin{aligned} 359410 &= 9! + 5 \times (4! - 3!!) + 10 \\ 359420 &= 9! + 5 \times (4! - 3!!) + 20 \end{aligned}$$

$$362905 = 9! + 6 \times 5 - 3 - 2 \times 0!.$$

$$362907 = 9! + 7 + 6 \times 3 + 2 \times 0!.$$

$$369207 = 9! + 7 + 6320.$$

$$369208 = 9! + 8 + 6320.$$

$$367204 = 7! - 6! + 4 + (3^2)! \times 0!.$$

$$367205 = 7! - 6! + 5 + (3^2)! \times 0!.$$

$$367208 = 8 + 7! - 6! + (3^2)! \times 0!.$$

$$368520 = 8 \times 6! - 5! + (3^2)! \times 0!.$$

$$390527 = -97 + 5^{3!+2} - 0!.$$

$$390528 = -98 + 5^{3!+2} + 0!.$$

$$403172 = -7 \times 4 + (3! + 2!) \times 10.$$

$$403217 = -7 + 4! + (3! + 2!) \times 10.$$

$$403195 = 9! + 5 + (4!/3!) - 10.$$

$$403197 = 9! + 7 + (4!/3!) - 10.$$

$$453910 = 9! \times 5/4 + 310.$$

$$453920 = 9! \times 5/4 + 320.$$

$$403916 = 9! + 6! - 4 + (3! + 1 + 0!)!.$$

$$403918 = 9! + 8! - 4 + 3!! + 1 + 0!.$$

$$410389 = 9 + (8! - \sqrt{4} + 3!!) \times 10.$$

$$410398 = 9! + 8! - \sqrt{4} + 3!! \times 10.$$

$$410679 = -9 + (-7 + 6!) \times 4!^{1+0!}.$$

$$410697 = +9 + (-7 + 6!) \times 4!^{1+0!}.$$

$$470629 = (9 + 7^6) \times 4 - 2 - 0!.$$

$$470639 = (9 + 7^6) \times 4 + 3! + 0!.$$

$$480961 = (\sqrt{9} \times 8! - 6!) \times 4 + 1 \times 0!.$$

$$480962 = (\sqrt{9} \times 8! - 6!) \times 4 + 2 \times 0!.$$

$$480963 = (\sqrt{9} \times 8! - 6!) \times 4 + 3 \times 0!.$$

$$430561 = (6! - 5! - \sqrt{4}) \times 3!! + 1 \times 0!.$$

$$430562 = (6! - 5! - \sqrt{4}) \times 3!! + 2 \times 0!.$$

$$506942 = (-\sqrt{9} + 6! - 5)^{\sqrt{4}} - 2 \times 0!.$$

$$506943 = (+\sqrt{9} - 6! + 5)^{\sqrt{4}} - (3 \times 0)!.$$

$$518402 = (8 - 5)!!^{\sqrt{4}} + 2 \times 1 \times 0!.$$

$$518403 = (8 - 5)!!^{\sqrt{4}} + 3 \times 1 \times 0!.$$

$$518420 = (8 - 5)!!^{\sqrt{4}} + 2 \times 10.$$

$$518430 = (8 - 5)!!^{\sqrt{4}} + 3 \times 10.$$

$$519620 = (\sqrt{9})!! \times 6! + (5! + 2) \times 10.$$

$$519630 = (\sqrt{9})!! \times 6! + (5! + 3) \times 10.$$

$$519640 = (\sqrt{9})!! \times 6! + (5! + 4) \times 10.$$

$$536410 = 6! \times (\sqrt{5^4} + 3!!) + 10.$$

$$536420 = 6! \times (\sqrt{5^4} + 3!!) + 20.$$

$$539410 = ((\sqrt{9})!! + 5) \times (4! + 3!!) + 10.$$

$$539420 = ((\sqrt{9})!! + 5) \times (4! + 3!!) + 20.$$

$$574601 = 7! \times (-6 + 5!) + 41 \times 0!.$$

$$574602 = 7! \times (-6 + 5!) + 42 \times 0!.$$

$$574603 = 7! \times (-6 + 5!) + 43 \times 0!.$$

$$590731 = (9 + 7!) \times (5! - 3) - 1 - 0!.$$

$$590732 = (9 + 7!) \times (5! - 3) - 2 + 0!.$$

$$604792 = (\sqrt{9} + 7)!/6 - 4 \times 2 \times 0!.$$

$$604793 = (\sqrt{9} + 7)!/6 - 4 - 3 \times 0!.$$

$$635041 = (6 + 5!) \times (4 + 3)! + 1 \times 0!.$$

$$635042 = (6 + 5!) \times (4 + 3)! + 2 \times 0!.$$

$$630751 = (7! + 6) \times 5^3 + 1 \times 0!.$$

$$630752 = (7! + 6) \times 5^3 + 2 \times 0!.$$

$$635071 = 7! \times (6 + 5!) + 31 \times 0!.$$

$$635072 = 7! \times (6 + 5!) + 32 \times 0!.$$

$$650847 = 8 \times (-7! + 6! \times 5! - 4) - 0!.$$

$$650871 = 8 \times (-7! + 6! \times 5! - 1) - 0!.$$

$$804961 = (9! + 8! - 6!) \times \sqrt{4} + 1 \times 0!.$$

$$804962 = (9! + 8! - 6!) \times \sqrt{4} + 2 \times 0!.$$

$$804963 = (9! + 8! - 6!) \times \sqrt{4} + 3 \times 0!.$$

$$840961 = 9! - 8! + 6!^{\sqrt{4}} + 1 \times 0!.$$

$$840962 = 9! - 8! + 6!^{\sqrt{4}} + 2 \times 0!.$$

$$840963 = 9! - 8! + 6!^{\sqrt{4}} + 3 \times 0!.$$

$$847602 = (8! + 7 \times 6) \times (4! - 2 - 0!).$$

$$847603 = (8! + 7 \times 6) \times (4! - 3) + 0!.$$

$$964801 = ((\sqrt{9})! \times 8! - 6!) \times 4 + 1 \times 0!.$$

$$964802 = ((\sqrt{9})! \times 8! - 6!) \times 4 + 2 \times 0!.$$

$$964803 = ((\sqrt{9})! \times 8! - 6!) \times 4 + 3 \times 0!.$$

$$964810 = ((\sqrt{9})! \times 8! - 6!) \times 4 + 10.$$

$$964820 = ((\sqrt{9})! \times 8! - 6!) \times 4 + 20.$$

$$964830 = ((\sqrt{9})! \times 8! - 6!) \times 4 + 30.$$

$$968041 = (9 + 8! + 6) \times 4! + 1 \times 0!.$$

$$968042 = (9 + 8! + 6) \times 4! + 2 \times 0!.$$

$$968043 = (9 + 8! + 6) \times 4! + 3 \times 0!.$$

$$968401 = (\sqrt{9})!! + 8! \times 6 \times 4 + 1 \times 0!.$$

$$968402 = (\sqrt{9})!! + 8! \times 6 \times 4 + 2 \times 0!.$$

$$968403 = (\sqrt{9})!! + 8! \times 6 \times 4 + 3 \times 0!.$$

$$968410 = (\sqrt{9})!! + 8! \times 6 \times 4 + 10.$$

$$968420 = (\sqrt{9})!! + 8! \times 6 \times 4 + 20.$$

$$968430 = (\sqrt{9})!! + 8! \times 6 \times 4 + 30.$$

$$983041 = (\sqrt{9})!! \times 8^4/3 + 1 \times 0!.$$

$$983042 = (\sqrt{9})!! \times 8^4/3 + 2 \times 0!.$$

$$1047895 = -98 \times 7 + 5 + 4^{10}.$$

$$1047896 = -98 \times 7 + 6 + 4^{10}.$$

$$1048569 = -9 \times 8 + 65 + 4^{10}.$$

$$1048579 = -9 \times 8 + 75 + 4^{10}.$$

$$1056784 = (8 \times 7! + 6!)/5 + 4^{10}.$$

$$1057648 = (8! + 7 \times 6!)/5 + 4^{10}.$$

$$1058796 = 9!/8! \times (7^6 + 5 - 10).$$

$$1058976 = 9!/8! \times (7^6 + 5 + 10).$$

$$1062934 = (9^6 + 4! - 3) \times 2 + 10.$$

$$1063592 = (9^6 + 5! \times 3) \times 2 - 10.$$

$$1296054 = 9 \times (6 + 5!^{4/2}) \times 10.$$

$$1296540 = 9 \times (6 + 5!^{4/2}) \times 10.$$

$$1382409 = 9 + (8 \times 4! \times (3 \times 2)! \times 10).$$

$$1382490 = (9 + 8 \times 4! \times (3 \times 2)!) \times 10.$$

$$1486290 = (\sqrt{9})!! \times 86 \times 4! + 210.$$

$$1486390 = (\sqrt{9})!! \times 86 \times 4! + 310.$$

$$1587690 = 9 \times ((8! - 7 \times 6!) \times 5 + 10).$$

$$1587960 = 9 \times ((8! - 7! + 6) \times 5 + 10).$$

$$1953027 = -97 + 5^{3^2} - 1 \times 0!.$$

$$1953028 = -98 + 5^{3^2} + 1 \times 0!.$$

$$2015983 = (9! + 8!) \times 5 + 3 - 2 \times 10.$$

$$2015984 = (9! + 8!) \times 5 + 4 - 2 \times 10.$$

$$2097358 = (\sqrt{9})! + 8^7 - 5! + 320.$$

$$2097458 = (\sqrt{9})! + 8^7 - 5! + 420.$$

$$2097183 = +9 + 8^7 + 32 - 10.$$

$$2097185 = -9 + 8^7 + 52 - 10.$$

$$2097136 = -9 - 7 + (6/3)^{21} \times 0!.$$

$$2097163 = \sqrt{9} + 7 + (6/3)^{21} + 0!.$$

$$2597360 = (\sqrt{9})!! \times (7 + 6! \times 5) + 320.$$

$$2597460 = (\sqrt{9})!! \times (7 + 6! \times 5) + 420.$$

$$2890546 = 9! \times 8 + 6 - 5^4 \times 20.$$

$$2890547 = 9! \times 8 + 7 - 5^4 \times 20.$$

$$2903578 = 9! \times 8 + 7 + 532 - 0!.$$

$$2903678 = 9! \times 8 + 7 + 632 - 0!.$$

$$2983047 = (-9 + 8!) \times 74 + 32 + 0!.$$

$$2983074 = (-9 + 8!) \times 74 + 3 \times 20.$$

$$2903684 = 9! \times 8 + 643 + 2 - 0!.$$

$$2903784 = 9! \times 8 + 743 + 2 - 0!.$$

$$2916480 = 9! \times 8 + 64 \times 210.$$

$$2918370 = 9! \times 8 + 73 \times 210.$$

$$3064728 = 8! \times 76 - 4! \times (3 - 20).$$

$$3064872 = 8! \times 76 + 4! \times (3 + 20).$$

$$3507841 = 8! \times (75 + 4 \times 3) + 1 \times 0!.$$

$$3507842 = 8! \times (75 + 4 \times 3) + 2 \times 0!.$$

$$3572091 = 9 \times ((7!/(5+3))^2 - 1 \times 0!).$$

$$3572109 = 9 \times ((7!/(5+3))^2 + 1 \times 0!).$$

$$3589014 = -9 - 8! + 543 + 10!.$$

$$3589021 = +9 - 8! + 532 + 10!.$$

$$3590218 = -((\sqrt{9})!! + 8) \times 53 + 2 + 10!.$$

$$3590271 = -((\sqrt{9})!! + 7) \times 53 + 2 + 10!.$$

$$3612750 = 7! \times 6! - 5 \times 3210.$$

$$3625710 = 7! \times 6! + 5! - 3210.$$

$$3629105 = (96 + 5) \times 3 + 2 + 10!.$$

$$3629107 = (97 + 6) \times 3 - 2 + 10!.$$

$$3629150 = (9! + (6 + 5) \times 3 + 2) \times 10.$$

$$3629170 = (9! + (7 + 6) \times 3 - 2) \times 10.$$

$$3647150 = (7^6 + 5 - 4) \times 31 - 0.$$

$$3650714 = (7^6 + 5! - 4) \times 31 - 0!.$$

$$3647901 = ((\sqrt{9})!! + 76) \times 4! - 3 + 10!.$$

$$3647910 = ((\sqrt{9})!! + 76) \times 4! + 3! + 10!.$$

$$3650497 = 97 + 6! \times ((5 + \sqrt{4})! + 30).$$

$$3650498 = 98 + 6! \times ((5 + \sqrt{4})! + 30).$$

$$3654017 = 7! \times (6! + 5) + 4 + 3 + 10.$$

$$3654027 = 7! \times (6! + 5) + 4 + 3 + 20.$$

$$3654018 = 8 + (6! + 5) \times (4 + 3)! + 10.$$

$$3654028 = 8 + (6! + 5) \times (4 + 3)! + 20.$$

$$3659047 = 9! + 7 \times (654 \times 3!! + 0!).$$

$$3659048 = 9! + 8 + 654 \times (3! + 0!)!.$$

$$3675910 = (\sqrt{9})!! \times (7! + 65) + 310.$$

$$3675920 = (\sqrt{9})!! \times (7! + 65) + 320.$$

$$3758410 = 87 \times 5!^{\sqrt{4}} \times 3 + 10.$$

$$3758420 = 87 \times 5!^{\sqrt{4}} \times 3 + 20.$$

$$3901278 = -(\sqrt{9})! + (87 \times 3!)^2 + 10!.$$

$$3901287 = +\sqrt{9} + (87 \times 3!)^2 + 10!.$$

$$3956410 = ((\sqrt{9})!! + 65) \times (4 + 3)! + 10.$$

$$3956420 = ((\sqrt{9})!! + 65) \times (4 + 3)! + 20.$$

$$4160239 = 9^6 + 4 - 3 \times 2 + 10!.$$

$$4160259 = 9^6 + 5 \times 4 - 2 + 10!.$$

$$4251096 = (9^6 - 54) \times (-2 + 10).$$

$$4251960 = (9^6 + 54) \times (-2 + 10).$$

$$4593708 = (\sqrt{9})! \times (875^{\sqrt{4}} - 3! - 0!).$$

$$4593870 = (\sqrt{9})! \times 875^{\sqrt{4}} + (3! - 0!)!$$

$$6029318 = (\sqrt{9})! + 8^6 \times (3 + 2 \times 10).$$

$$6029381 = (\sqrt{9} + 8^6) \times (3 + 2 \times 10).$$

$$6814072 = 8! \times (7 + 6)^{\sqrt{4}} + 2 - 10.$$

$$6814073 = 8! \times (7 + 6)^{\sqrt{4}} + 3 - 10.$$

$$7259340 = (9! + 75 + 4 \times 3) \times 20.$$

$$7259380 = (9! + 87 + 5 - 3) \times 20.$$

$$7516803 = 87 \times 6! \times 5! + 3 + 1 \times 0.$$

$$7516804 = 87 \times 6! \times 5! + 4 + 1 \times 0.$$

$$7516820 = 87 \times 6! \times 5! + 2 \times 10.$$

$$7516830 = 87 \times 6! \times 5! + 3 \times 10.$$

$$7516840 = 87 \times 6! \times 5! + 4 \times 10.$$

$$8470691 = 9 \times (8 \times 7^6 - 4) - 1 \times 0!.$$

$$8470692 = 9 \times (8 \times 7^6 - 4) + 2 \times 0.$$

$$8576410 = 8! \times (7! + 65)/4! + 10.$$

$$8576420 = 8! \times (7! + 65)/4! + 20.$$

$$8576430 = 8! \times (7! + 65)/4! + 30.$$

$$10485732 = 8^7 \times 5 + 4 - 32 - 1 \times 0.$$

$$10485723 = 8^7 \times 5 - 4 - 32 - 1 \times 0!.$$

$$14062597 = 97 + (6 \times 5^4)^2 \times 1 \times 0!.$$

$$14062598 = 98 + (6 \times 5^4)^2 \times 1 \times 0!.$$

$$14670983 = -9 + (8^7 - 6^4) \times (-3 + 10).$$

$$14689073 = (-9 + 8^7 + 6^4) \times (-3 + 10).$$

$$15942670 = (\sqrt{9^{7+6}} - 54 - 2) \times 10.$$

$$15942760 = (\sqrt{9^{7+6}} - 5 - 42) \times 10.$$

$$17850642 = 8 + 7 + 65^4 + 2 \times 1 \times 0!.$$

$$17850624 = 8 - 7 + 65^4 - 2 \times 1 \times 0!.$$

$$19763520 = (-9 + 7^6) \times (5 + 3) \times 21 \times 0!.$$

$$19765023 = -9 + 7^6 \times (5 + 3) \times 21 \times 0!.$$

$$24018935 = -9 + 8^5 \times (4 + \sqrt{3^{2+10}}).$$

$$24018953 = +9 + 8^5 \times (4 + \sqrt{3^{2+10}}).$$

$$43052981 = 9^8 + (5^4 + 3 - 2) \times 10.$$

$$43059281 = 9^8 + (5^4 + 3) \times 2 \times 10.$$

$$50824367 = 8 \times 7^6 \times 54 - 3 + 2 \times 0!.$$

$$50824376 = 8 \times (7^6 \times 54 + 3 - 2 \times 0!).$$

$$60512937 = 97 + (6^5 + 3)^2 - 1 \times 0!.$$

$$60512938 = 98 + (6^5 + 3)^2 - 1 \times 0!.$$

$$84375019 = 9 + 8 \times 75^4/3 + 10.$$

$$84375029 = 9 + 8 \times 75^4/3 + 20.$$

$$84375012 = 8 \times 75^4/3 + 2 + 10.$$

$$84375021 = 8 \times 75^4/3 + 21 \times 0!.$$

$$86093524 = (9^8 + 6 + 5) \times \sqrt{4} + 3 \times 20.$$

$$86093452 = (9^8 - 6 - 5) \times \sqrt{4} + 32 \times 0!.$$

$$86093471 = (9^8 - 7 + 6) \times \sqrt{4} + 31 \times 0!.$$

$$86093472 = (9^8 - 7 + 6) \times \sqrt{4} + 32 \times 0!.$$

$$94371860 = (9 \times 8^7 + 6) \times (\sqrt{4} + 3) - 10.$$

$$94372085 = 9 \times (8^7 + 5) \times (\sqrt{4} + 3) + 20.$$

$$97824510 = \sqrt{9^8} \times (75 - 4) \times 210.$$

$$97824510 = \sqrt{9^8} \times (75 - 4) \times 210.$$

### 3. SEMI-SYMMETRICAL SELFIES

These representations are not symmetrical as in previous section, but are beautiful in pairs.

#### 3.1. Increasing and Decreasing Orders

$$256318 = -1 \times 2 + 3 \times 5! \times (6! - 8) = (-8 + 6!) \times 5! \times 3 - 2 \times 1.$$

$$263518 = -1 \times 2 + 3! \times (5 \times 6! + 8!) = (+8! + 6! \times 5) \times 3! - 2 \times 1.$$

$$614857 = +1 - 4! + (5! - 6) \times 7! + 8! = 8! + 7! \times (-6 + 5!) - 4! + 1.$$

$$614875 = -1 - 4 + (5! - 6) \times 7! + 8! = 8! + 7! \times (-6 + 5!) - 4 - 1.$$

$$847152 = (1 + 2) \times (4! + 5! + 7 \times 8!) = (8! \times 7 + 5! + 4!) \times (2 + 1).$$

$$847153 = 1 + 3 \times (4! + 5!) + 7 \times 8! = (8! \times 7 + 5! + 4!) \times 3 + 1.$$



$$321589 = (-1 + (2^3)! - 5!) \times 8 - \sqrt{9} = -\sqrt{9} - 8 \times (5! - (3! + 2)! + 1).$$

$$321598 = +1 + ((2^3)! - 5!) \times 8 - \sqrt{9} = -\sqrt{9} - 8 \times (5! - (3! + 2)!) + 1.$$

$$357941 = (1 + 3)! \times 4 + 5 - 7! + 9! = 9! - 7! + 5 + 4! \times (3 + 1).$$

$$359164 = (1 - 3!!) \times 4 - 5! - 6! + 9! = 9! - 6! \times 5 + 4 - (3! - 1)!.$$

$$481692 = (1 + 2) \times (4 - 6! + 8!) + 9! = 9! + (8! - 6! + 4) \times (2 + 1).$$

$$481693 = 1 + 3 \times (4 - 6! + 8!) + 9! = 9! + (8! - 6! + 4) \times 3 + 1.$$

$$278596 = -2 - 5 \times 6! + 7 \times (8! - \sqrt{9}!) = (-\sqrt{9}! + 8!) \times 7 - 6! \times 5 - 2.$$

$$278659 = -2 - 5 \times 6! + 7 \times (8! + \sqrt{9}!) = (+\sqrt{9}! + 8!) \times 7 - 6! \times 5 - 2.$$

$$397452 = (2 \times 3!!) \times 4! + 5 + 7 + 9! = 9! + 7 + 5 + 4! \times 3!! \times 2.$$

$$397524 = 2 \times 3! \times (4! \times 5! + 7) + 9! = 9! + (7 + 5! \times 4!) \times 3! \times 2.$$

$$725934 = 2 \times (3! + 4! + 57 + 9!) = (9! + 75 + 4 \times 3) \times 2.$$

$$725938 = 2 \times (3! + 5 + 78 + 9!) = (9! + 87 + 5 - 3) \times 2.$$

$$927384 = 2 \times (3 \times 4 + 7 \times 8!) + 9! = 9! + (8! \times 7 + 4 \times 3) \times 2.$$

$$927648 = 2 \times (4! \times 6 + 7 \times 8!) + 9! = 9! + (8! \times 7 + 6 \times 4!) \times 2.$$

### 3.2. Increasing Order

$$26487 = -2 - \sqrt{4!^6} - 7 + 8!.$$

$$26489 = +2 - \sqrt{4!^6} + 8! - 9.$$

$$48936 = -3! \times 4 + 68 \times (\sqrt{9}!!).$$

$$48956 = -4 + 5! \times 68 \times (\sqrt{9}!!).$$

$$98634 = 3^4 \times 6! + 8! - (\sqrt{9}!).$$

$$98643 = 3^4 \times 6! + 8! + \sqrt{9}.$$

$$125639 = -1 + (2^3)! + 5! \times (6! - 9).$$

$$126359 = -1 + (2^3)! + 5! \times (6! - \sqrt{9}).$$

$$146892 = (1 + 2) \times (4 + 68 \times (\sqrt{9}!!)).$$

$$146893 = 1 + 3 \times (4 + 68 \times (\sqrt{9}!!)).$$

$$159348 = (1 + 3) \times (-4 \times 5! + 8! - \sqrt{9}).$$

$$159384 = (1 + 3) \times (-4 \times 5! + 8! + (\sqrt{9}!!)).$$

$$186593 = -1 - 3! \times 5 + 6^8/9.$$

$$186594 = -1 - 4! - 5 + 6^8/9.$$

$$173256 = -(1 + 2) + 3^5 \times (6! - 7).$$

$$173265 = (1 + 2)! + 3^5 \times (6! - 7).$$

$$194357 = -1 + (3!! \times 45 - 7) \times (\sqrt{9}!!).$$

$$194358 = (1 + 3!! \times 45 - 8) \times (\sqrt{9}!!).$$

$$196824 = \sqrt{9^8} \times (6 + 4!) - (2 + 1)!.$$

$$196834 = \sqrt{9^8} \times (6 + 4!) + 3 + 1.$$

$$234579 = (2 \times 34 + 5^7) \times \sqrt{9}.$$

$$234759 = (2^{(3+4)} + 5^7) \times \sqrt{9}.$$

$$246917 = (\sqrt{9}!!) \times \sqrt{7^6} - 42 - 1.$$

$$246971 = (\sqrt{9}!!) \times \sqrt{7^6} + 4!/2 - 1.$$

$$259176 = (1 + 2) \times (5! \times 6! - 7) - \sqrt{9}.$$

$$259186 = (1 + 2) \times (5! \times 6!) - 8 - (\sqrt{9}!!).$$

$$279645 = -2 \times (4! + 5!) + 6^7 - \sqrt{9}.$$

$$279654 = -2 \times (4! + 5!) + 6^7 + (\sqrt{9}!!).$$

$$283675 = (2 \times 3!) - 5 + 6! + 7 \times 8!.$$

$$284376 = 2 \times 3!! - 4! + 6! + 7 \times 8!.$$

$$297356 = 2 + (3 + 56) \times 7! - (\sqrt{9}!!).$$

$$297365 = 2 + (3 + 56) \times 7! + \sqrt{9}.$$

$$314752 = 1 \times 2^{3!} \times (-\sqrt{4} - 5! + 7!).$$

$$327145 = (1 + 2^{3!}) \times ((\sqrt{4} + 5!) - 7).$$

$$328569 = (2 + 3!!) \times 5! + 6 \times 8! + 9.$$

$$328596 = (2 + 3!!) \times 5! + 6 \times (8! + (\sqrt{9}!!)).$$

$$351967 = -13 \times (+5! + 6!) + 7 + 9!.$$

$$351968 = +13 \times (-5! - 6!) + 8 + 9!.$$

$$357961 = 1^3 + 5! - 6! \times 7 + 9!. \\ 357981 = 13 + 5! - 7! + 8 + 9!.$$

$$356892 = 2 \times (3! - 5!) - 6! \times 8 + 9!. \\ 356928 = (2 - 3! - 5!) \times (6 \times 8) + 9!.$$

$$364295 = 2 \times 3!! - 4! + 5 - 6 + 9!. \\ 364297 = 2 \times 3!! - 4! - 6 + 7 + 9!.$$

$$368942 = -2 - 3!! + (\sqrt{4} + 6!) \times 8^{\sqrt{9}}. \\ 369248 = -2 \times 3!! + (+4 + 6!) \times 8^{\sqrt{9}}.$$

$$374589 = (3!^4 + 5 + 7! \times 8) \times 9. \\ 374859 = (3!^4 + 5 \times 7 + 8!) \times 9.$$

$$452168 = 8 + 6! \times (5^4 + 2 + 1). \\ 452816 = (8 + 6!) \times (5^4 - 2 - 1).$$

$$452968 = -2 + ((\sqrt{4} \times 5!) + 6!)/8 - (\sqrt{9})!. \\ 452978 = +2 + ((\sqrt{4} \times 5!) - 7!)/8 + (\sqrt{9})!.$$

$$518347 = 1 + 3!!^{\sqrt{4}} - 5 - \sqrt{\sqrt{7^8}}. \\ 518374 = 1 + 3!!^{\sqrt{4}} - 5 \times 7 + 8.$$

$$518429 = (1 + 2)!!^{\sqrt{4}} + 5 + 8 \times \sqrt{9}. \\ 518439 = 1 \times 3!!^{\sqrt{4}} + (5 + 8) \times \sqrt{9}.$$

$$519426 = (1 + 2)!!^{\sqrt{4}} + (5! - 6) \times 9. \\ 519463 = (1 + 3!!)^{\sqrt{4}} - (5! + 6) \times \sqrt{9}.$$

$$531489 = 1 \times 3^{\sqrt{4+5!}} + 8 \times (\sqrt{9})!. \\ 531498 = 1 + 3^{\sqrt{4+5!}} + 8!/( \sqrt{9})!.$$

$$629784 = 2 \times (-4 + 6^7/8) \times 9. \\ 629847 = 2 \times (-4 + 6^7)/8 \times 9.$$

$$673941 = (13 \times 4! \times 6! + 7) \times \sqrt{9}. \\ 674193 = 13 \times (4! \times 6! + 7) \times \sqrt{9}.$$

$$683529 = 2^3 \times 5! \times (6! - 8) + 9. \\ 683592 = 2^3 \times (5! \times (6! - 8) + 9).$$

$$715692 = (-1 - 2 + 5) \times (6 - 7! + 9!). \\ 715693 = 1 + (-3 + 5) \times (6 - 7! + 9!).$$

$$724896 = (2 - 4) \times (6 - 7!) \times 8 \times 9. \\ 724968 = 2 \times (4 - (6 - 7!) \times 8) \times 9.$$

$$927386 = 23 \times (-6 + 7 + 8!) + \sqrt{9}. \\ 927438 = 23 \times (-4 + 7 + 8!) + 9.$$

$$937485 = 3 \times (4 \times 5^7 - 8) + 9. \\ 937548 = 3 \times 4 \times 5^7 + 8 \times (\sqrt{9})!.$$

$$1376259 = 1 \times 2^{3 \times 5} \times 6 \times 7 + \sqrt{9}.$$

$$1376295 = (1 + 2^{3 \times 5}) \times 6 \times 7 - \sqrt{9}.$$

$$1347859 = 1 + 3! \times (4! \times 5! \times 78 + \sqrt{9}). \\ 1347895 = 1 + 3! \times (4! \times 5! \times 78 + 9).$$

$$1543678 = 1 - 3 + 4! \times 5! \times 67 \times 8. \\ 1543687 = 1 + 3! + 4! \times 5! \times 67 \times 8.$$

$$1572483 = 1 + 2 + (34 + 5) \times 7! \times 8. \\ 1572486 = (1 + 2)! + (45 - 6) \times 7! \times 8.$$

$$1537926 = (1 + 2)! + 356 \times (7! - (\sqrt{9})!). \\ 1537962 = ((1 + 2)!! \times 356 + 7) \times (\sqrt{9})!.$$

$$1693457 = 13 + 4 + 56 \times 7! \times (\sqrt{9})!. \\ 1693475 = 1 + 34 + 56 \times 7! \times (\sqrt{9})!.$$

$$1743896 = 1 \times 346 \times 7! + 8!/( \sqrt{9})!. \\ 1748936 = (1 + 346) \times 7! + 8!/( \sqrt{9})!. \\ 1758963 = (1 + 356) \times 7! - 8! + \sqrt{9}.$$

$$1854723 = 1 + 2 + (34 + 5 + 7) \times 8!. \\ 1854726 = (1 + 2)! + (45 - 6 + 7) \times 8!.$$

$$1975386 = (-13 - 5 + 67) \times (8! - (\sqrt{9})!). \\ 1975683 = (-13 - 5 + 67) \times 8! + \sqrt{9}.$$

$$2654189 = -1 + 2 \times (4^5 \times \sqrt{6^8} - 9). \\ 2654198 = -1 + 2 \times 4^5 \times \sqrt{6^8} - 9.$$

$$2691378 = 12 + 3! + 6 \times 7! \times 89. \\ 2691387 = (1 + 2)^3 + 6 \times 7! \times 89.$$

$$2745369 = (23^4 + 5 \times 6! \times 7) \times 9. \\ 2745639 = (23^4 + 5 \times (6 + 7!)) \times 9.$$

$$2984136 = 12^{3!} - 4! \times (68 + 9). \\ 2984361 = 12^{3!} - 4! \times 68 + 9.$$

$$2986315 = 12^{3!} + 5 \times 68 - 9. \\ 2986513 = 12^{3!} - 5 + 6 \times 89.$$

$$3628945 = (2 \times 3 + 4)! + 56 + 89. \\ 3629487 = (2 \times 3 + 4)! + 678 + 9.$$

$$5764819 = 1 + 4 \times 5 + 6 + 7^8 - 9. \\ 5764918 = (1 + 4 \times 5) \times 6 + 7^8 - 9.$$

$$8714592 = (1 + 2)!! + 4! \times (5! + 78 + 9!). \\ 8714593 = 1 + 3!! + 4! \times (5! + 78 + 9!).$$

$$9436278 = 234 \times (6 + 7! \times 8) - (\sqrt{9})!. \\ 9436287 = 234 \times (6 + 7! \times 8) + \sqrt{9}.$$

$$12597364 = 1 + (23 + 4 + 5 \times 6^7) \times 9. \\ 12937564 = 1 + (23 \times 4 \times 5^6 + 7) \times 9.$$

$$17294538 = (1 + 2) \times (3 + 45 + 7^8) - 9. \\ 17294835 = (1 + 2) \times (3 \times 45 + 7^8 + 9).$$

## 3.3. Decreasing Order

$$38526 = 8! + 6 - 5 \times 3!!/2.$$

$$38529 = 9 + 8! - 5 \times 3!!/2.$$

$$61589 = (-\sqrt{9} + \sqrt{8^6}) \times (5! + 1).$$

$$61958 = (+\sqrt{9})! + \sqrt{8^6} \times (5! + 1).$$

$$259146 = \sqrt{9} \times 6 \times (5!^{\sqrt{4}} - 2 - 1).$$

$$259164 = \sqrt{9} \times 6 \times (5!^{\sqrt{4}} - 2) \times 1.$$

$$261538 = 8^6 + 5! - 3! - (2 + 1)!!.$$

$$261548 = 8^6 + 5! + 4 - (2 + 1)!!.$$

$$279354 = 97 \times 5! \times 4! - 3 \times 2.$$

$$279364 = 97 \times 6! \times 4 + 3! - 2.$$

$$321489 = (9 - 8 \times 4! \times 3)^2 \times 1.$$

$$321498 = 9 \times ((8 \times 4! - 3)^2 + 1).$$

$$361259 = 9! - 6! - (5 \times 3!)^2 - 1.$$

$$361529 = 9! - 6 \times (5 \times 3!)^2 - 1.$$

$$367894 = 9! - 8 + 7! - 6 - 4 \times 3.$$

$$367895 = 9! + 8 + 7! - 6 \times 5 - 3.$$

$$394516 = 9! + (6 + 5) \times 4 \times (3!! - 1).$$

$$394561 = 9! + (6 + 5) \times 4 \times 3!! + 1.$$

$$456192 = 9! + 6^5 \times 4 \times (2 + 1).$$

$$456193 = 9! + 6^5 \times 4 \times 3 + 1.$$

$$482376 = -8! + 7! - 6! - 4! + 3!!^2.$$

$$483256 = -8! - 6! + 5! + (4 + 3!!)^2.$$

$$483267 = (8 \times (7! - 6) \times 4! + 3!)/2.$$

$$483276 = 8 \times ((7! - 6) \times 4! + 3)/2.$$

$$483916 = \sqrt{9} \times (8! + 6) \times 4 + 3 + 1.$$

$$483917 = \sqrt{9} \times (8! + 7) \times 4 - 3! - 1.$$

$$518263 = +8 - 6!/5 + 3!!^2 - 1.$$

$$518326 = -8 - 65 + 3!!^2 - 1.$$

$$589617 = 9 \times (8! + 7 \times (6! \times 5 - 1)).$$

$$589671 = 9 \times (8! + 7 \times 6! \times 5 - 1).$$

$$786234 = (8! \times (7 + 6) - 4) \times 3/2.$$

$$786243 = (8! \times (7 + 6) + \sqrt{4}) \times 3/2.$$

$$837294 = ((\sqrt{9})!^8 - 7! + 4 \times 3)/2.$$

$$839724 = ((\sqrt{9})!^8 - 7 \times 4 \times 3!)/2.$$

$$846219 = \sqrt{9} + (8! - 6 \times 4) \times 21.$$

$$846921 = -9 + (8! + 6 + 4) \times 21.$$

$$947682 = (\sqrt{9})! \times (8! + 7^6 - 4! + 2).$$

$$947862 = (\sqrt{9})! \times (8 + 7^6 + (4 \times 2)!).$$

$$1538697 = 98 \times (76 + 5^3) - 1.$$

$$1538796 = 98 \times (76 + 5^3 + 1).$$

$$1562397 = -\sqrt{9} + 7! \times (-6 - 5 + 321).$$

$$1592637 = -\sqrt{9} + 7 \times 6! \times (-5 + 321).$$

$$1594267 = \sqrt{9^{7+6}} - 54 - 2 \times 1.$$

$$1594276 = \sqrt{9^{7+6}} - 5 - 42 \times 1.$$

$$1594283 = \sqrt{9^{8+5}} - 43 + 2 + 1.$$

$$1594382 = \sqrt{9^{8+5}} - 4 + 3 \times 21.$$

$$1697238 = (\sqrt{9})! \times (8! \times 7 + 632 + 1).$$

$$1697358 = (\sqrt{9})! \times (8! \times 7 + 653 \times 1).$$

$$1689723 = 9 \times (87 \times (6! \times 3 - 2) + 1).$$

$$1692837 = 9 \times (87 \times (6! \times 3 + 2) - 1).$$

$$1975482 = (-9 + 87^{5-\sqrt{4}}) \times (2 + 1).$$

$$1975483 = (-9 + 87^{5-\sqrt{4}}) \times 3 + 1.$$

$$2174395 = ((\sqrt{9})!! \times 7 + 5) \times (432 - 1).$$

$$2179435 = -(\sqrt{9})! + (7! + 5) \times 432 + 1.$$

$$2358169 = 9 \times (8^6 - 5^3) - 2 \times 1.$$

$$2359168 = 9 \times 8^6 - 5^3 - 2 - 1.$$

$$2361945 = (9 + 6) \times (54^3 - 2 + 1).$$

$$2361954 = (9 + 6) \times 54^3 - (2 + 1)!.$$

$$2539716 = 9! \times 7 - 6 \times (53 + 21).$$

$$2539761 = 9! \times 7 - 6 \times 5! + 321.$$

$$3176289 = 9 \times ((-8 + 7^6) \times 3 - 2 \times 1).$$

$$3176298 = (9 \times (-8 + 7^6) - 3) \times (2 + 1).$$

$$3529467 = 9 + (7^6 \times 5 - \sqrt{4}) \times 3 \times 2.$$

$$3529476 = (9 + (7^6 \times 5 - \sqrt{4}) \times 3) \times 2.$$

$$3675921 = (\sqrt{9})!! \times (7! + 65) + 321.$$

$$3761259 = ((\sqrt{9})!! + 7!) \times 653 - 21.$$

$$5418369 = 9 \times (865 \times (-4! + 3!!) + 1).$$

$$5638941 = 9 \times (865 + 4) \times (3!! + 1).$$

$$5927418 = (9 + 8! \times 7 + 5 + 4) \times 21.$$

$$5928174 = ((9 + 8!) \times 7 - 5 - 4) \times 21.$$

$$6291587 = \sqrt{9} \times 8^7 + 65 \times 2 + 1.$$

$$6291837 = \sqrt{9} \times (8^7 + 63 \times 2 + 1).$$

$$6531849 = 9 + 8! \times 6 \times 54/(3 - 1).$$

$$6531948 = (9 \times 8! + 6) \times 54/3 \times 1.$$

$$9562374 = 2 \times (34 \times 5^6 - 7) \times 9.$$

$$9562437 = (2 \times 34 \times 5^6 - 7) \times 9.$$

$$9678312 = 9 \times ((8 + \sqrt{7^6} \times 3)^2 - 1).$$

$$9678321 = 9 \times (8 + \sqrt{7^6} \times 3)^2 \times 1.$$

$$9701263 = (-\sqrt{9} + 7!) \times (6 \times 321) + 0!.$$

$$9706321 = -(\sqrt{9})!! + 7! \times 6 \times 321 + 0!.$$

$$19764285 = 9 + (8 \times (7^6 - 5) + 4) \times 21.$$

$$19764852 = 9 + (8 \times 7^6 - 5 - 4) \times 21.$$

$$85194723 = (9 - 87 + 5)^4 \times 3 \times (2 - 1).$$

$$85194732 = ((9 - 87 + 5)^4 + 3) \times (2 + 1).$$

### 3.4. Decreasing Order Ending in Zero

$$41036 = 6! - 4 + (3! + 1 + 0!)!.$$

$$41038 = 8! - 4 + 3!! + 1 + 0!.$$

$$40872 = 8! - 7 \times 4! + (2 + 0!)!!.$$

$$40873 = 8! - 7 \times 4! + 3!! + 0!.$$

$$103964 = (-\sqrt{9} + 6!) \times (4! \times 3! + 1) - 0!.$$

$$103965 = (-\sqrt{9} + 6!) \times (5! + (3 + 1)! + 0!).$$

$$120578 = (8! - 7 - 5!) \times (2 + 1) - 0!.$$

$$120583 = (8! - 5! - 3!) \times (2 + 1) + 0!.$$

$$136079 = 9 \times 7 \times 6! \times 3 - 1 \times 0!.$$

$$136097 = (9 \times 7! + 6) \times 3 - 1 \times 0!.$$

$$136809 = 9 + (8! + 6!)/3 \times 10.$$

$$136890 = (9 + (8! + 6!)/3) \times 10.$$

$$152670 = (7 + 6 \times 5!) \times 210.$$

$$153720 = (7 + 5 + 3!!) \times 210.$$

$$196830 = \sqrt{9^8} \times (6 - 3) \times 10.$$

$$196840 = \sqrt{9^8} \times (6 + 4!) + 10.$$

$$209367 = 9 \times ((7 + 6!) \times 32 - 0!).$$

$$209376 = 9 \times (7 + 6!) \times 32 \times 0!.$$

$$243078 = 8 \times (7! + 4!) \times 3! + (2 + 0!)!.$$

$$243087 = 8 \times ((7! + 4!) \times 3! + 2) - 0!.$$

$$257041 = 7! \times (54 - 2 - 1) + 0!.$$

$$257043 = 7! \times (54 - 3) + 2 + 0!.$$

$$283704 = 8! \times 7 + 4! + 3!! \times 2 \times 0!.$$

$$287304 = 8! \times 7 + 4! + (3 \times 2 + 0!)!.$$

$$347506 = (7 + 6!) \times (5! \times 4 - 3 + 0!)!.$$

$$350647 = 7 + 6! \times (5! \times 4 + 3! + 0!).$$

$$369408 = 9 \times (8! + 6! + \sqrt{4}) + 30.$$

$$369480 = 9 \times (8! + 6!) + 4 \times 30.$$

$$390624 = (\sqrt{9} + 6 - 4)^{3!+2} - 0!.$$

$$390625 = (\sqrt{9})! - 6 + 5^{3!+2} \times 0!.$$

$$398160 = 9! + 8! + 6! \times (3 - 10).$$

$$398170 = 9! + 8! - 7 \times 3!! + 10.$$

$$402978 = 9! + 8! - 74 \times (2 + 0!).$$

$$402987 = 9! + 8! - 7!/4! - 2 - 0!.$$

$$490752 = 9! \times 7/5 - 4! \times (2 + 0!)!!.$$

$$490753 = 9! \times 7/5 - 4! \times 3!! + 0!.$$

$$496073 = (\sqrt{9})!! \times (-7 + 6! - 4!) - 3! - 0!.$$

$$496081 = (\sqrt{9})!! \times (-8 + 6! - 4! + 1) + 0!.$$

$$507912 = 9! \times 7/5 - ((2 + 1)! - 0!)!.$$

$$507913 = 9! \times 7/5 - (3! - 1)! + 0!.$$

$$509472 = 9! \times 7/5 + \sqrt{4} \times (2 + 0!)!!.$$

$$509473 = 9! \times 7/5 + \sqrt{4} \times 3!! + 0!.$$

$$524089 = -(\sqrt{9})! + (8! - 5) \times (4!/2 + 0!).$$

$$524098 = +\sqrt{9} + (8! - 5) \times (4!/2 + 0!).$$

$$604758 = (8! - 7) \times 6 + (5 + 4 - 0!)!.$$

$$604785 = (8! - 7 + 6) \times 5 \times (4 - 0!)!.$$

$$635047 = 7! \times (6 + 5!) + 4 + 3 - 0.$$

$$635074 = 7! \times (6 + 5!) + 4 + 30.$$

$$635470 = 7! \times (6 + 5!) + 430.$$

$$726048 = (8 + 7! - 6) \times 4! \times (2 + 0!)!.$$

$$726480 = 8! \times (7 \times 6 - 4!) + (2 + 0!)!!.$$

$$725034 = (7! - 5) \times 4! \times 3! - (2 + 0!)!.$$

$$725043 = (7! - 5) \times 4! \times 3! + 2 + 0!.$$

$$804356 = (86 + 5 + \sqrt{4})^3 - 0!.$$

$$804357 = (87 + (5 - \sqrt{4})!)^3 \times 0!.$$

$$837290 = ((\sqrt{9})!)^8 - 7! + 3!)/2 - 0!.$$

$$839460 = ((\sqrt{9})!)^8 - 6! + 4!)/(3 - 0!)!.$$

$$915840 = 9! + 8 \times 5! \times 4!^{1+0!}.$$

$$916408 = 9! - 8 + (6! + 4!)^{1+0!}.$$

$$1290378 = (-\sqrt{9} + 8! + 7) \times 32 - 10.$$

$$1290384 = (\sqrt{9})! + (8! + 4) \times 32 + 10.$$

$$1379280 = (\sqrt{9^8} + 7!/3!!) \times 210.$$

$$1430298 = \sqrt{9^8} \times (4!/3 + 210).$$

$$1382460 = (8 \times 6! \times 4! + 3 \times 2) \times 10.$$

$$1386240 = 8 \times 6 \times 4 \times (3!! + 2) \times 10.$$

$$1728056 = 8 \times 7 + 6! \times 5! \times 2 \times 10.$$

$$1728560 = (8 \times 7 + 6! \times 5! \times 2) \times 10.$$

$$2984710 = (\sqrt{9})! + 8! \times 74 + 2^{10}.$$

$$1693048 = 98 \times (6! \times 4! + 3! - 10). \\ 1693408 = 98 \times 6! \times 4! - 31 - 0!.$$

$$3179608 = (-9 + 8 + 7!) \times 631 - 0!. \\ 3180967 = (\sqrt{9})!! + 8 + 7! \times 631 - 0!.$$

$$1895024 = -(\sqrt{9})! + 8! \times (5 + 42) - 10. \\ 1895034 = -(\sqrt{9})! + 8! \times (54 + 3 - 10).$$

$$3265901 = (9! - 6 + 5) \times 3^2 - 10. \\ 3265910 = 9 \times (6 - 5) \times (3^2)! - 10.$$

$$1965708 = (\sqrt{9})! \times (8 + 7! \times 65 + 10). \\ 1965720 = (\sqrt{9})! \times (7! \times 65 + 2 \times 10).$$

$$3584160 = -8 \times 6! - 54 \times 3!! + 10!. \\ 3584170 = (-8 + 7! - 54) \times 3!! + 10!.$$

$$2096783 = -9 + 8^7 - 6 \times 3 \times 20. \\ 2096837 = +9 + 8^7 - (6 \times 3)^2 \times 0!.$$

$$3618450 = -86 \times 5! - 4! - 3! + 10!. \\ 3618504 = -86 \times 5! + 4 \times 3! + 10!.$$

$$2097483 = +9 + 8^7 + \sqrt{4} + 320. \\ 2097583 = -9 + 8^7 + 5! + 320.$$

$$4705936 = (-\sqrt{9} + 7^6 \times 5) \times \sqrt{4^3} \times 0!. \\ 4705963 = +\sqrt{9} + 7^6 \times (5 \times \sqrt{4} + 30).$$

$$2097856 = 9 + 8^7 + 6! - 5 - 20. \\ 2097861 = 9 + 8^7 + 6! - 2 \times 10.$$

$$7258104 = 8 \times 7 \times (5 + 4) + 2 \times 10!. \\ 7258140 = (8 + 7 + 5!) \times 4 + 2 \times 10!.$$

$$2107389 = -\sqrt{9} + (8 \times 7)^3 \times (2 + 10). \\ 2107398 = (\sqrt{9})! + (8 \times 7)^3 \times (2 + 10).$$

$$8709341 = (9! \times 8 + 74) \times 3 - 1 \times 0!. \\ 8709342 = (9! \times 8 + 74) \times (3 - 2 \times 0).$$

$$2537910 = 9! \times 7 - (5 \times 3)^2 \times 10. \\ 2539710 = 9! \times 7 - 5 \times 3^2 \times 10.$$

$$23068579 = (-9 + 8^7) \times (6 + 5) + 3 \times 2 \times 0!. \\ 23068597 = -9 + (8^7 - 6) \times (5 + 3 \times 2) \times 0!.$$

$$2570391 = -9 + 7! \times (53 - 2) \times 10. \\ 2571930 = (\sqrt{9} + 7!) \times (53 - 2) \times 10.$$

$$60342851 = (-8 + 6^5)^{\sqrt{4}} + 3 + 2^{10}. \\ 60341825 = (8 - 6^5)^{\sqrt{4}} + (3 - 2)^{10}.$$

$$2540197 = 9! \times 7 + 5 + 42 - 10. \\ 2540697 = 9! \times 7 - 6 + 542 + 0!.$$

$$70543816 = -8 \times 7 + 6^{5+4} \times (-3 + 10). \\ 70543861 = -8 + 7 \times 6^{5+4} - 3 \times 1 \times 0!.$$

$$2764809 = 9 + 8!/7 \times 6 \times 4 \times 20. \\ 2764980 = (9 + 8!/7 \times 6 \times 4) \times 20.$$

$$78124903 = -9 + 8 \times (-7 - 4 + (3 + 2)^{10}). \\ 78125093 = -\sqrt{9} + 8 \times (7 + 5 + (3 + 2)^{10}).$$

$$2984701 = -\sqrt{9} + 8! \times 74 + 2^{10}.$$

$$94371805 = 9 \times 8^7 \times 5 - 4 - 31 \times 0!. \\ 94371850 = 9 \times 8^7 \times 5 + (4 - 3) \times 10.$$

#### 4. NON CONSECUTIVE REPRESENTATION OF SELFIE NUMBERS - INCREASING AND DECREASING JOINTLY

In previous two section, we have considered symmetrical numbers in multiple form. This section deals with the same kind of numbers, but are not necessarily twin or multiple symmetric.

##### 4.1. Two Digits.

$$24 = (2^{\sqrt{4}})! = \sqrt{4!^2}. \\ 36 = 3! \times 6 = 6 \times 3!. \\ 71 = \sqrt{1 + 7!} = \sqrt{7! + 1}.$$

##### 4.2. Three Digits.

$$143 = -1 + 3! \times 4! = 4! \times 3! - 1. \\ 145 = 1 + 4! + 5! = 5! + 4! + 1. \\ 184 = (-1 + 4!) \times 8 = 8 \times (4! - 1). \\ 216 = \sqrt{(1 + 2)!^6} = 6^{2+1}. \\ 354 = 3 \times (-\sqrt{4} + 5!) = (5! - \sqrt{4}) \times 3. \\ 456 = 4 \times (5! - 6) = (-6 + 5!) \times 4. \\ 693 = -\sqrt{\sqrt{9^6} + 3!!} = 3!! - \sqrt{6! + 9}.$$

$$713 = 1 \times 3!! - 7 = -7 + 3!! \times 1. \\ 721 = 1 + (\sqrt{2 + 7})!! = (\sqrt{7 + 2})!! + 1. \\ 728 = (\sqrt{2 + 7})!! + 8 = 8 + (\sqrt{7 + 2})!!. \\ 729 = (2 + 7)^{\sqrt{9}} = 9^{\sqrt{7+2}}. \\ 734 = 3!! + \sqrt{4} \times 7 = 7 \times \sqrt{4} + 3!!. \\ 791 = \sqrt{1 + 7!} + (\sqrt{9})!! = (\sqrt{9})!! + 7!. \\ 936 = 3!! + 6^{\sqrt{9}} = (\sqrt{9})!! + 6^3.$$

## 4.3. Four Digits.

$$\begin{aligned}
1296 &= (1 + 2)! \times 6^{\sqrt{9}} &= ((\sqrt{9})! \times 6)^2 \times 1. & 3598 &= 3!! \times 5 - 8 + (\sqrt{9})! &= (\sqrt{9})! - 8 + 5 \times 3!! \\
1432 &= 1 \times 2 \times (3!! - 4) &= (-4 + 3!!) \times 2 \times 1. & 3625 &= (2 + 3) \times (5 + 6!) &= (6! + 5) \times (3 + 2). \\
1435 &= 1 \times 3!! \times \sqrt{4} - 5 &= -5 + \sqrt{4} \times 3!! \times 1. & 3798 &= (3 + 7!/8) \times (\sqrt{9})! &= ((\sqrt{9})!! - 87) \times 3!. \\
1436 &= (-1 + 3) \times (-\sqrt{4} + 6!) &= (6! - \sqrt{4}) \times (3 - 1). & 4296 &= 2 \times (-4 + 6!) \times \sqrt{9} &= \sqrt{9} \times (6! - 4) \times 2. \\
1438 &= (-1 + 3!!) \times \sqrt{-4 + 8} &= 8/4 \times (3!! - 1). & 4316 &= (1 + 3!!) - 4 - 6! &= -6! - 4 + (3! + 1)!. \\
1439 &= (1 + 3!!) \times \sqrt{4} - \sqrt{9} &= ((\sqrt{9})! - 4) \times 3!! - 1. & 4317 &= 1 - 3!! - 4 + 7! &= 7! - 4 - 3!! + 1. \\
1463 &= -1 + 3!! + 4! + 6! &= 6! + 4! + 3!! - 1. & 4319 &= -1 - 3!! + (\sqrt{49})! &= (\sqrt{9 \times 4})! \times 3! - 1. \\
1785 &= (-1 + 5!) \times (7 + 8) &= (8 + 7) \times (5! - 1). & 4356 &= 3!! + (\sqrt{4 + 5})! \times 6 &= (6! + (5 - \sqrt{4})!) \times 3!. \\
2159 &= -1 + 2 \times 5! \times 9 &= 9 \times 5! \times 2 - 1. & 4368 &= 3 \times \sqrt{4} \times (6! + 8) &= (8 + 6!) \times \sqrt{4} \times 3. \\
2163 &= 1 + 2 + 3 \times 6! &= 6! \times 3 + 2 + 1. & 4392 &= (2 \times 3!! + 4!) \times \sqrt{9} &= \sqrt{9} \times (4! + 3!! \times 2). \\
2197 &= (-1 + 2 \times 7)^{\sqrt{9}} &= ((\sqrt{9})! + 7)^{2+1}. & 4752 &= -2 \times (4! + 5!) + 7! &= 7! - (5! + 4!) \times 2. \\
2846 &= -2 + 4 \times (6! - 8) &= (-8 + 6!) \times 4 - 2. & 4917 &= -(1 + 4)! + 7! - \sqrt{9} &= -\sqrt{9} + 7! - (4 + 1)!. \\
2864 &= 2 \times (\sqrt{4} \times 6! - 8) &= 8 \times (6! - 4)/2. & 4967 &= -\sqrt{4^6} + 7! - 9 &= -9 + 7! - 64. \\
2896 &= 2 \times (6! + 8 + (\sqrt{9})!!) &= ((\sqrt{9})!! + 8 + 6!) \times 2. & 4976 &= -\sqrt{4^6} + 7 \times (\sqrt{9})!! &= (\sqrt{9})!! \times 7 - 64. \\
2954 &= 2 + 4! \times (5! + \sqrt{9}) &= (\sqrt{9} + 5!) \times 4! + 2. & 5167 &= 1 + 5! + 6 + 7! &= 7! + 6 + 5! + 1. \\
3125 &= (1 \times 2 + 3)^5 &= 5^{3+2} \times 1. & 5391 &= (-1 + 3!! - 5!) \times 9 &= 9 \times (-5! + 3!! - 1). \\
3249 &= (2 + 3!!)/\sqrt{4} \times 9 &= 9 \times (\sqrt{4} + 3!!)/2. & 5397 &= 3 \times 5! + 7! - \sqrt{9} &= -\sqrt{9} + 7! + 5! \times 3. \\
3456 &= 3!! \times 4/5 \times 6 &= 6!/5 \times 4 \times 3!. & 5637 &= -3 - 5! + 6! + 7! &= 7! + 6! - 5! - 3. \\
3459 &= 3!! \times 4!/5 + \sqrt{9} &= (\sqrt{9})!!/5 \times 4! + 3. & 6459 &= 4! + (-5 + 6!) \times 9 &= 9 \times (6! - 5) + 4!. \\
3579 &= 3!! \times 5 - 7 \times \sqrt{9} &= -\sqrt{9} \times 7 + 5 \times 3!!.. & 6472 &= -2 \times (4 - 6!) + 7! &= 7! + (6! - 4) \times 2. \\
3582 &= (-2 + 3!!) \times 5 - 8 &= -8 + 5 \times (3!! - 2). & 6498 &= \left( \sqrt{4} + \left( \sqrt{\sqrt{\sqrt{6^8}}} \right)! \right) \times 9 &= 9!/8! \times (6! + \sqrt{4}). \\
3586 &= 3!! \times 5 - 6 - 8 &= -8 - 6 + 5 \times 3!!.. & 6549 &= 4! + (5 + 6!) \times 9 &= 9 \times (6! + 5) + 4!. \\
3589 &= 3!! \times 5 - 8 - \sqrt{9} &= -\sqrt{9} - 8 + 5 \times 3!!.. & 6839 &= (3!! - 6 + 8!)/(\sqrt{9})! &= ((\sqrt{9})!! + 8! - 6)/3!. \\
3591 &= 1 \times 3!! \times 5 - 9 &= -9 + 5 \times 3!! \times 1. & 8632 &= 2 \times 3! \times 6! - 8 &= -8 + 6 \times 3!! \times 2. \\
3592 &= -2^3 + 5 \times (\sqrt{9})!! &= (\sqrt{9})!! \times 5 - 3! - 2. & 9372 &= 2 \times (3! + 7!) - (\sqrt{9})!! &= -(\sqrt{9})!! + (7! + 3!) \times 2. \\
3594 &= (3 \times \sqrt{4})! \times 5 - (\sqrt{9})! &= (\sqrt{9})!! \times 5 - \sqrt{4}. & & & 
\end{aligned}$$

## 4.4. Five Digits.

$$\begin{aligned}
12943 &= 1 + (-2 + 3!! \times \sqrt{4}) \times 9 &= 9 \times (\sqrt{4} \times 3!! - 2) + 1. & 14392 &= 1 + (2 + 3)!^{\sqrt{4}} - 9 &= -9 + (\sqrt{4} + 3)!^2 + 1. \\
12957 &= (-1 - (-2 + 5)!! + 7!) \times \sqrt{9} &= \sqrt{9} \times (7! - (5 - 2)!! - 1). & 14395 &= 1 - 3! + 4 \times 5 \times (\sqrt{9})!! &= -9 + \sqrt{5!^4} + 3 + 1. \\
12963 &= (1 + (2 \times 3)! \times 6) \times \sqrt{9} &= \sqrt{9} - 6! \times (3 - 21). & 14397 &= 1 - 3!! - 4 + 7! \times \sqrt{9} &= -9 + 7^4 \times 3! \times 1. \\
12964 &= 1 \times 2 \times (\sqrt{4} + 6! \times 9) &= (9 \times 6! + \sqrt{4}) \times 2 \times 1. & 14398 &= (-1 + 3!)!^{\sqrt{4}} - 8 + (\sqrt{9})! &= \sqrt{(-\sqrt{9} + 8)!^4} - 3 + 1. \\
12967 &= 1 + (2 - 6! + 7!) \times \sqrt{9} &= \sqrt{9} \times (7! - 6! + 2) + 1. & 14567 &= -1 + 4! \times (-5! + 6! + 7) &= (7 + 6! - 5!) \times 4! - 1. \\
12975 &= (1 + 2) \times (5 + 7! - (\sqrt{9})!!) &= \sqrt{9} \times (7! + 5 - (2 + 1)!!). & 14739 &= 1 \times 3 \times (4! - 7)^{\sqrt{9}} &= (\sqrt{9}) \times (-7 + 4!)^3 \times 1. \\
13674 &= (-1 + 3!! \times \sqrt{4}) \times 6 + 7! &= 7! + 6 \times (\sqrt{4} \times 3!! - 1). & 14753 &= -1 + 3 \times (-\sqrt{4} - 5! + 7!) &= (7! - 5! - \sqrt{4}) \times 3 - 1. \\
13679 &= -1 + 3!! \times (6 + 7 + (\sqrt{9})!!) &= ((\sqrt{9})! + 7 + 6) \times 3!! - 1. & 14759 &= -1^4 + (-5! + 7!) \times \sqrt{9} &= \sqrt{9} \times (7! - 5 \times 4!) - 1. \\
13824 &= (1 + 23)^{4!/8} &= 8 \times (4 \times 3)^{2+1}. & 14927 &= -1 + (-\sqrt{\sqrt{2^4!}} + 7!) \times \sqrt{9} &= \sqrt{9} \times (7! - 54) - 1. \\
14385 &= \sqrt{(-1 + 3!)!^4} - 5!/8 &= -8 + 5!^{\sqrt{4}} - 3! - 1. & 14973 &= (1 \times 3 - 4!) \times (7 - (\sqrt{9})!!) &= ((\sqrt{9})!! - 7) \times (4! - 3 \times 1).
\end{aligned}$$

$$\begin{aligned}
 14975 &= -145 + 7! \times \sqrt{9} &= \sqrt{9} \times 7! - 5! - 4! - 1. \\
 14976 &= -1 \times 4! \times 6 + 7! \times \sqrt{9} &= \sqrt{9} \times 7! - 6 \times 4! \times 1. \\
 15473 &= -1 + 3 \times (-\sqrt{4} + 5! + 7!) &= (7! + 5! - \sqrt{4}) \times 3 - 1. \\
 15479 &= -1^4 + (5! + 7!) \times \sqrt{9} &= ((\sqrt{9})!! - 75) \times 4! - 1. \\
 15624 &= 124 \times (5! + 6) &= 6 \times (5! + 4) \times 21. \\
 15632 &= 1 + 2 \times 3 + 5^6 &= 6 + 5^{3 \times 2} + 1. \\
 15839 &= -1 + 3!! \times (5 + 8 + 9) &= (9 + 8 + 5) \times 3!! - 1. \\
 16345 &= 1 \times (3 \times \sqrt{4})! + 5^6 &= 6! + 5^{4+3-1}. \\
 16384 &= (1 - 3 + 4)^{6+8} &= 8^6 / (4 \times (3 + 1)). \\
 16497 &= (-1 + 4!) \times 6! - 7 \times 9 &= -9 \times 7 + 6! \times (4! - 1). \\
 16537 &= (-1 + 3!!) \times (5 \times 6 - 7) &= (-7 + 6 \times 5) \times (3!! - 1). \\
 16798 &= (1 + 6) \times \sqrt{7^8} - 9 &= -9! / 8! + 7^{6-1}. \\
 16945 &= 1 + 4! \times (-5 + 6! - 9) &= (-9 + 6! - 5) \times 4! + 1. \\
 17245 &= (1 + 2)!! \times 4! - 5 \times 7 &= -7 \times 5 + 4! \times (2 + 1)!!. \\
 17265 &= (1 + 2) \times (-5 + 6! + 7!) &= (7! + 6! - 5) \times (2 + 1). \\
 17295 &= ((1 + 2)!! + 5 + 7!) \times \sqrt{9} &= \sqrt{9} \times (7! + 5 + (2 + 1)!!). \\
 17329 &= 1 + (2 + 3!!) \times (\sqrt{7} + 9)! &= (\sqrt{9} + 7!) \times (3!! + 2) + 1. \\
 17346 &= -1 + 3!! \times 4! + 67 &= 7 \times 6 + 4! \times (3!! + 1). \\
 17349 &= (-1 + 3!! + 4! + 7!) \times \sqrt{9} &= \sqrt{9} \times (7! + 4! + 3!! - 1). \\
 17496 &= (-1 + 4)^6 \times (\sqrt{7} + 9)! &= \sqrt{9^{7 \times 64 \times 3}}. \\
 18432 &= 12 \times 3! \times \sqrt{4^8} &= 8 \times 4!^3 / (2 + 1)!. \\
 19368 &= 1 \times (3 \times 6! - 8) \times 9 &= 9 \times (-8 + 6! \times 3) \times 1. \\
 19376 &= -1 + (3 \times 6! - 7) \times 9 &= 9 \times (-7 + 6! \times 3) - 1. \\
 19435 &= (1 + 3!)! \times 4 - 5 - (\sqrt{9})!! &= -(\sqrt{9})!! - 5 + 4 \times (3! + 1)!. \\
 19436 &= -1 + (3 + 4!) \times 6! - \sqrt{9} &= -\sqrt{9} + 6! \times (4! + 3) - 1. \\
 19437 &= (-1 + 3!! \times (\sqrt{4} + 7)) \times \sqrt{9} &= \sqrt{9} \times (7 + \sqrt{4}) \times 3!! - 1. \\
 19682 &= -1 + ((-2 + 6)! / 8)^9 &= \sqrt{9^8} \times 6 / 2 - 1. \\
 19683 &= (1^3 - 6 + 8)^9 &= \sqrt{9^8} \times 6 / (3 - 1). \\
 19684 &= 1 + (4 \times 6 / 8)^9 &= \sqrt{\sqrt{9^{8+6+4}}} + 1. \\
 21456 &= 12^4 + 5! \times 6 &= (6! \times 5 - 4!) \times (2 + 1)!. \\
 21539 &= -1 + (-2 + 3!!) \times 5 \times (\sqrt{9})! &= (\sqrt{9})! \times 5 \times (3!! - 2) - 1. \\
 21594 &= (-1 + (2 + 4!) \times 5) \times (\sqrt{9})! &= (\sqrt{9})! \times (5 \times (4 + 2)! - 1). \\
 21597 &= -1 - 2 + 5 \times (7! - (\sqrt{9})!!) &= (-(\sqrt{9})!! + 7!) \times 5 - 2 - 1. \\
 23184 &= ((1 + 2)! - 3!!) \times 4! + 8! &= 8! - 4! \times (3!! - (2 + 1)!). \\
 23694 &= (-2 + 3!!) \times (4 \times 6 + 9) &= (9 + 6 \times 4) \times (3!! - 2). \\
 24389 &= (23 - \sqrt{4} + 8)^{\sqrt{9}} &= \sqrt{(\sqrt{9} - 8 \times 4)^{3 \times 2}}. \\
 24395 &= 2 \times 3 + (4! + 5)^{\sqrt{9}} &= (\sqrt{9})! + \sqrt{(5 + 4!)^{3 \times 2}}. \\
 25137 &= (1 + (-2 + 3!!) \times 5) \times 7 &= 7! \times 5 - 3 \times 21. \\
 25167 &= -1 - 2 + 5 \times (-6 + 7!) &= (7! - 6) \times 5 - 2 - 1. \\
 25173 &= -(1 + 2)^3 + 5 \times 7! &= 7! \times 5 - 3! - 21. \\
 25174 &= -1 \times 2 - 4! + 5 \times 7! &= 7! \times 5 - 4! - 2 \times 1. \\
 25176 &= (1 + 2)! + 5 \times (-6 + 7!) &= (7! - 6) \times 5 + (2 + 1)!. \\
 25179 &= -12 + 5 \times 7! - 9 &= (\sqrt{9})!! \times 7 \times 5 - 21. \\
 25194 &= (1 + 2 + 4!) \times 5 - (\sqrt{9})! &= -(\sqrt{9})! + 5 \times (4 + 2 + 1)!. \\
 25197 &= -12 + 5 \times 7! + 9 &= (\sqrt{9})!! \times 7 \times 5 - 2 - 1. \\
 25798 &= -2 + 5 \times (7! + (8 - \sqrt{9})!) &= (-\sqrt{9} + 8) \times (7! + 5!) - 2. \\
 25914 &= -(1 + 2)! + 4! \times 5! \times 9 &= 9 \times 5! \times 4! - (2 + 1)!. \\
 25917 &= (1 + 2)!! + 5 \times 7! - \sqrt{9} &= (\sqrt{9})!! + 7! \times 5 - 2 - 1. \\
 25937 &= 2 + 3!! + 5 \times (7! + \sqrt{9}) &= (\sqrt{9} + 7!) \times 5 + 3!! + 2. \\
 25938 &= (2 + 3 \times 5! \times 8) \times 9 &= 9 \times (8 \times 5! \times 3 + 2). \\
 25946 &= 2 + 4! + 5! \times 6^{\sqrt{9}} &= \sqrt{(\sqrt{9})!^6} \times 5! + 4! + 2. \\
 25968 &= ((2 + 5)! - 6! + 8) \times (\sqrt{9})! &= (\sqrt{9})! \times (8 - 6! + (5 + 2)!). \\
 26398 &= 2 \times (-3 - 6! + 8!) / \sqrt{9} &= (-\sqrt{9} + 8! - 6!) / 3 \times 2. \\
 26894 &= 2 + \sqrt{4} \times (6 + 8! / \sqrt{9}) &= (\sqrt{9} + 8! / 6) \times 4 + 2. \\
 26934 &= 2 \times (3 + \sqrt{4!^6}) - (\sqrt{9})!! &= (\sqrt{9})! \times (64 + 3)^2. \\
 27436 &= (2 + 3!!) \times (-4 + 6 \times 7) &= (76 / \sqrt{4})^3 / 2. \\
 27634 &= 2 \times (\sqrt{(3! \times 4)^6} - 7) &= (-7 + (6 \times 4)^3) \times 2. \\
 27643 &= 2 \times (-3! + \sqrt{4!^6}) + 7 &= 7 - 6 + 4!^3 \times 2. \\
 27648 &= 8! - (7! + 6^4) \times 2 &= 2 \times \sqrt{4!^6} \times (-7 + 8). \\
 28319 &= -1 + 2 \times (3!! + 8! / \sqrt{9}) &= ((\sqrt{9})!! + 8! / 3) \times 2 - 1. \\
 29374 &= -2 + (-3! \times 4! + 7!) \times (\sqrt{9})! &= (\sqrt{9})! \times (7! - 4! \times 3!) - 2. \\
 29376 &= (-(-2 + 3!)! \times 6 + 7!) \times (\sqrt{9})! &= (\sqrt{9})! \times (7! - 6! / (3 + 2)). \\
 29438 &= (-2 + 3!!) \times (4 \times 8 + 9) &= (9 + 8 \times 4) \times (3!! - 2). \\
 29517 &= (-1 + 2 \times (-5! + 7!)) \times \sqrt{9} &= \sqrt{9} \times ((7! - 5!) \times 2 - 1). \\
 29574 &= (2 + 4) \times (-5! + 7! + 9) &= (9 + 7! - 5!) \times (4 + 2). \\
 29736 &= (-2 \times 3! + 6!) \times 7 \times (\sqrt{9})! &= (\sqrt{9})! \times 7 \times (6! - 3! \times 2). \\
 31249 &= -1 + 2 \times (3 + \sqrt{4})^{(\sqrt{9})!} &= (9 - 4)^{3!} \times 2 - 1. \\
 31256 &= 1 \times 2 \times (3 + 5^6) &= 6 + 5^{3!} \times 2 \times 1. \\
 31679 &= -1 + (3! + 6!) / (7! \times \sqrt{9}) &= (\sqrt{9})! \times (7! + 6! / 3) - 1. \\
 32568 &= 23 \times (5! + \sqrt{6^8}) &= 8! - 6^5 + (3! - 2)!. \\
 32768 &= 2^{3 \times (6+7-8)} &= 8^{(7-6) \times 3+2}. \\
 32784 &= 2 \times ((3! - \sqrt{4})^7 + 8) &= 8! / 7! \times (4^{3!} + 2). \\
 34295 &= (2 + 3) \times (4! - 5)^{\sqrt{9}} &= 95 \times (\sqrt{4} + 3!!) / 2. \\
 34572 &= 2 \times 3!! \times 4! + 5 + 7 &= 7 + 5 + 4! \times 3!! \times 2. \\
 34596 &= (3 + 4! \times 5!) \times (6 + (\sqrt{9})!) &= ((\sqrt{9})! + 6) \times (5! \times 4! + 3). \\
 34692 &= 2 \times (-3! + 4! \times (6! + \sqrt{9})) &= ((\sqrt{9} + 6!) \times 4! - 3!) \times 2. \\
 34698 &= 3! \times ((4 + 6!) \times 8 - 9) &= (-9 + 8 \times (6! + 4)) \times 3!. \\
 34768 &= -\sqrt{(3! + \sqrt{4})^6} - 7! + 8! &= 8! - 7! - \sqrt{64^3}. \\
 34896 &= (3 + 4 + 6!) \times 8 \times (\sqrt{9})! &= (\sqrt{9})! \times 8 \times (6! + 4 + 3). \\
 34986 &= 3 \times (-\sqrt{4} + \sqrt{6^8} \times 9) &= 98 \times (6! / \sqrt{4} - 3). \\
 35147 &= ((1 + 3!)! - 4! + 5) \times 7 &= (7! + 5 - 4!) \times (3! + 1). \\
 35184 &= -(1 + 3!)! + 4! - 5! + 8! &= 8! - 5! + 4! - (3! + 1)!. \\
 35247 &= 2 + (3 + 4) \times (-5 + 7!) &= (7! - 5) \times (4 + 3) + 2. \\
 35268 &= -(2 + 3!! + 5!) \times 6 + 8! &= 8! - 6 \times (5! + 3!! + 2). \\
 35274 &= -2 \times 3 + (\sqrt{4} + 5!)! \times 7 &= 7 \times (5 + \sqrt{4})! - 3 \times 2. \\
 35276 &= 2 + (3 + 5)! - 6 - 7! &= -7! - 6 + (5 + 3)! + 2. \\
 35278 &= -2 + (3 + 5)! \times 7 / 8 &= 8! \times 7 / (5 + 3) - 2. \\
 35279 &= 2 + (3 + 5)! - 7! - \sqrt{9} &= -\sqrt{9} - 7! + (5 + 3)! + 2. \\
 35281 &= 1 - (2 \times 3! - 5!) + 8! &= 8! - (-5 + 3! \times 2)! + 1. \\
 35284 &= -2 + 3! - (\sqrt{4} + 5!) + 8! &= 8! - (5 + \sqrt{4})! + 3! - 2.
 \end{aligned}$$

$$\begin{aligned}
35286 &= -(2 \times 3! - 5)! + 6 + 8! &= 8! + 6 - (-5 + 3! \times 2)!. & 39875 &= (3!! + 5) \times (7 + 8 \times (\sqrt{9})!) = ((\sqrt{9})! \times 8 + 7) \times (5 + 3!!). \\
35287 &= 2 \times 3! - 5 - 7! + 8! &= 8! - 7! - 5 + 3! \times 2. & 41352 &= 12^3 \times 4! - 5! &= -5! + 4!^3 \times (2 + 1). \\
35289 &= -(2 \times 3! - 5)! + 8! + 9 &= 9 + 8! - (-5 + 3! \times 2)!. & 41768 &= 1 + \sqrt{4} \times 6! + 7 + 8! &= 8 \times (7! + 6! / 4 + 1). \\
35496 &= (3!! - 4!) \times (5! - 69) &= (9! - 6!)/(5 \times \sqrt{4}) - 3!!!. & 41832 &= (-1 + 2^{3!}) \times 4! + 8! &= 8! + 4! \times 3 \times 21. \\
36719 &= -1 + 3!! \times (6 \times 7 + 9) &= (9 + 7 \times 6) \times 3!! - 1. & 42368 &= 2^{3+\sqrt{4}+6} + 8! &= 8! + 64 \times 32. \\
36748 &= -3!! - 4 \times (6! - 7) + 8! &= 8! + (7 - 6!) \times 4 - 3!!!. & 43195 &= 1 + 3!!/\sqrt{4} \times 5! - (\sqrt{9})! &= \sqrt{9} \times \sqrt{5!^4} - 3! + 1. \\
36758 &= 3 - 5 \times (6! - 7) + 8! &= 8! + (7 - 6!) \times 5 + 3. & 43198 &= 1 + 3!! \times 4 + 8! - \sqrt{9} &= -\sqrt{9} + 8! + 4 \times 3!! + 1. \\
36975 &= (3!! + 5) \times (6 \times 7 + 9) &= (9 + 7 \times 6) \times (5 + 3!!). & 43872 &= -2 \times (3!! + 4!) + 7! + 8! &= 8! + 7! - (4! + 3!!) \times 2. \\
37248 &= -(-2 + 3!)! \times \sqrt{4^7} + 8! &= 8 \times (7! - 4! - 3!!/2). & 43896 &= (3!! + 4!) \times (68 - 9) &= 9!/8 - 6! - 4! - 3!!!. \\
37584 &= -(3 \times \sqrt{4})^5 + 7! + 8! &= 87 \times (5! + 4!) \times 3. & 43928 &= (2 + 3!!) \times 4 + 8! + (\sqrt{9})!! &= 9!/8 + (4 - 3!!) \times 2. \\
37895 &= (3!! - 5) \times (7 \times 8 - \sqrt{9}) &= (\sqrt{9} - 8 \times 7) \times (5 - 3!!). & 43965 &= (3! + \sqrt{4})! + 5 \times (6! + 9) &= \sqrt{9^6} \times 5 + (4!/3)!. \\
37928 &= (2^3)! - \sqrt{7^8} + 9 &= 9 + 8! - 7^{3!-2}. & 45179 &= -1 + (-4 \times 5 + 7!) \times 9 &= 9 \times (7! - 5 \times 4) - 1. \\
38159 &= -1 + 3!! \times (5 + 8 \times (\sqrt{9})!) &= ((\sqrt{9})! \times 8 + 5) \times 3!! - 1. & 45238 &= -2 + (3 + 4!) - 5! + 8! &= 8! - 5! + (4 + 3!)! - 2. \\
38162 &= 1 \times 2 - 3 \times 6! + 8! &= 8! - 6! \times 3 + 2 \times 1. & 45279 &= (2^{\sqrt{4}} + 5) \times (7! - 9) &= 9 \times 7! - (5 + 4)^2. \\
38164 &= (1 - 3!!) \times 4 + 6! + 8! &= 8! + 6! - 4 \times (3!! - 1). & 45297 &= (2 - 4 - 5 + 7!) \times 9 &= 9 \times (-7 + 5! \times 42). \\
38527 &= 2 + 3!! + 5^7 - 8! &= 8! + 7 - 5 \times 3!!/2. & 45369 &= ((3 + 4)! - 5 + 6) \times 9 &= 9 \times (6 - 5 + (4 + 3)!). \\
38652 &= 2 \times (3! - 5! - 6!) + 8! &= 8! + (6 - 5! - 3!!) \times 2. & 45372 &= 2 \times 3! + (4 + 5) \times 7! &= 7! \times (5 + 4) + 3! \times 2. \\
38961 &= (1 + 3!! \times 6 + 8) \times 9 &= 9 \times (8 + 6 \times 3!! + 1). & 45378 &= 3 \times (\sqrt{4 + 5})! + 7! + 8! &= 8! + 7! + 54/3. \\
39276 &= 9 \times ((7 + 6!) \times 3! + 2) &= (2 + 3! \times (6! + 7)) \times 9. & 45379 &= 3! \times 4 - 5 + 7! \times 9 &= 9 \times (7! - 5) + 4^3. \\
39456 &= 3! \times (-4! + 5! + 6! \times 9) &= (9 \times 6! + 5! - 4!) \times 3!. & 45387 &= 3 \times (4 + 5) + 7! + 8! &= 8! + 7! + (5 + 4) \times 3. \\
39478 &= 3! - \sqrt{4^7} + 8! - (\sqrt{9})!! &= -(\sqrt{9})! + 8! - (7! - 4!)/3!. & 45397 &= -3! - \sqrt{4} + (5 + 7!) \times 9 &= 9 \times (7! + 5) - \sqrt{4^3}. \\
39485 &= -3!! - 4 - 5! + 8! + 9 &= 9 + 8! - 5! - 4 - 3!!!. & 45679 &= 4 + (5 + 6!) \times 7 \times 9 &= 9 \times 7 \times (6! + 5) + 4. \\
39486 &= -(3 + 4)!/6 + 8! + (\sqrt{9})! &= \sqrt{9^8} \times 6 + (\sqrt{4} + 3)!. & 45837 &= -3 + 4 \times 5! + 7! + 8! &= 8! + 7! + 5! \times 4 - 3. \\
39487 &= -(3 + \sqrt{4})! + 7 + 8! - (\sqrt{9})!! &= \sqrt{9} + 8! - (7! - 4!)/3!. & 45936 &= (3 - 4 - 5)^6 - (\sqrt{9})!! &= (96 + 5!)^{\sqrt{4}} - 3!!!. \\
39564 &= (3! + \sqrt{4})! - (5! + 6) \times (\sqrt{9})! &= -(\sqrt{9})! \times (6 + 5!) + (\sqrt{4^3})!. & 45938 &= -3!! + \sqrt{4} + (-5 + 8!)^{(\sqrt{9})} &= (\sqrt{9})!^{(8-5)!} + \sqrt{4} - 3!!!. \\
39576 &= (3 + 5)! - 6! - (\sqrt{7 + 9})! &= -(\sqrt{9 + 7})! - 6! + (5 + 3)!!. & 45987 &= ((4 + 5)! + 7!)/8 - \sqrt{9} &= \sqrt{9^8} \times 7 + 5!/\sqrt{4}. \\
39578 &= -3 \times 5 - 7 + 8! - (\sqrt{9})!! &= -(\sqrt{9})!! + 8! - 7 - 5 \times 3. & 46137 &= (1 + 3!!) \times \sqrt{4^6} - 7 &= -7 + 64 \times (3!! + 1). \\
39581 &= -(1 + 3)! + 5 + 8! - (\sqrt{9})!! &= -(\sqrt{9})!! + 8! + 5 - (3 + 1)!!. & 46539 &= (3 - 4! \times 5) + 6^{(\sqrt{9})!} &= (\sqrt{9})!^6 - 5 \times 4! + 3. \\
39582 &= -23 + 5 + 8! - (\sqrt{9})!! &= -(\sqrt{9})!! + 8! - 5!/3! + 2. & 46719 &= (-1 + 4!)^6 + 7 \times 9 &= 9 \times 7 + 6^{4-1}!. \\
39584 &= -3!! - \sqrt{4} + 5 + 8! - 9 &= 9 + 8! - \sqrt{5^4} - 3!!!. & 46792 &= 2 \times (-4 + 6!) + 7! \times 9 &= 9 \times 7! + (6! - 4) \times 2. \\
39586 &= (3 + 5)! - 6 - 8 - (\sqrt{9})!! &= -(\sqrt{9})!! + 8! - 6 - 5 - 3. & 46793 &= 3!! \times \sqrt{4^6} - 7 + (\sqrt{9})!! &= (\sqrt{9})!! - 7 + 6! \times 4^3. \\
39587 &= -3! \times 5! - 7 + 8! - (\sqrt{9})! &= -(\sqrt{9})! + 8! - 7 - 5! \times 3!. & 46798 &= -\sqrt{4} + 6! \times (-7 + 8 \times 9) &= (9 \times 8 - 7) \times 6! - \sqrt{4}. \\
39618 &= 1 \times 3 \times 6 + 8! - (\sqrt{9})!! &= -(\sqrt{9})!! + 8! + 6 \times 3 \times 1. & 47369 &= (3 \times \sqrt{4})^6 - 7 + (\sqrt{9})!! &= (\sqrt{9})!! - 7 + 6^{\sqrt{4} \times 3}. \\
39624 &= (2^3)! + 4 \times 6 - (\sqrt{9})!! &= -(9 - 6)!! + 4! + (3! + 2)!!. & 47519 &= -1 + (\sqrt{4} \times 5! + 7!) \times 9 &= 9 \times (7! + 5! \times \sqrt{4}) - 1. \\
39648 &= ((3 + 4)! + 6) \times 8 - (\sqrt{9})!! &= (\sqrt{9})! \times 8 + (\sqrt{64})! - 3!!!. & 47592 &= (2 \times (4 + 5)! + 7!) \times 9 &= 9 \times (7! + (5! + 4) \times 2). \\
39678 &= 3! \times (6 + 7) + 8! - (\sqrt{9})!! &= -(\sqrt{9})!! + 8! + (7 + 6) \times 3!. & 47952 &= (2 \times (4! + 5!) + 7!) \times 9 &= (-9 + 7!/5) \times (4! \times 2). \\
39754 &= -3! + ((4 + 5)! - 7!)/9 &= (9! - 7!)/(5 + 4) - 3!. & 48736 &= -3!! + 4^6 + 7! + 8! &= 8! + 7! - 6! + 4^{3!}. \\
39768 &= (3 + 6!) \times 7 \times 8 - (\sqrt{9})!! &= -(\sqrt{9})!! + 8 \times 7 \times (6! + 3). & 48926 &= (-2 + 4 \times 6!) \times (8 + 9) &= (9 + 8) \times (6! \times 4 - 2). \\
39816 &= \sqrt{(1 \times 3!)^6} + 8! - (\sqrt{9})!! &= -(\sqrt{9})!! + 8! + 6^3 \times 1. & 49152 &= (1 + 2) \times \sqrt{4^{5+9}} &= \sqrt{(\sqrt{9})!!/5 \times 4^{(2+1)!}}. \\
39825 &= -2 \times 3^5 + 8! - 9 &= -(\sqrt{9})!! + 8! + (5 \times 3)^2. & 49153 &= 1 + 3 \times \sqrt{4^{5+9}} &= \sqrt{(\sqrt{9})!!/5 \times 4^{3!}} + 1. \\
39846 &= -3!! \times 4/6 + 8! + (\sqrt{9})! &= (\sqrt{9})! + 8! - 6! \times 4/3!. & 49158 &= (1 + 4^5 \times 8) \times (\sqrt{9})! &= (\sqrt{9})! \times (8^5/4 + 1). \\
39852 &= 2 \times (3! + 5!) + 8! - (\sqrt{9})!! &= -(\sqrt{9})!! + 8! + (5! + 3!) \times 2. & 49173 &= (1 + 3! + 4^7) \times \sqrt{9} &= \sqrt{9} \times (7 + 4^{3!+1}). \\
39872 &= 2^{3!} \times 7 \times 89 &= ((\sqrt{9})!! - 8) \times 7 \times (3! + 2). & 49536 &= 3! \times (-4! + 5! \times 69) &= (\sqrt{9})! \times 6^5 + 4 \times 3!!!.
\end{aligned}$$



$$\begin{aligned}
 49678 &= -\sqrt{4} + 6! \times (78 - 9) &= 9!/8 + 7! - 6! - \sqrt{4}. & 84965 &= (-\sqrt{4} + 5!) \times 6! + 8 - \sqrt{9} &= -\sqrt{9} + 8 + 6! \times (5! - \sqrt{4}). \\
 49728 &= 2 \times (4! + 7!) + 8! - (\sqrt{9})!! &= -(\sqrt{9})!! + 8! + (7! + 4!) \times 2. & 85416 &= -1 \times 4! + 5! \times (6! - 8) &= (-8 + 6!) \times 5! - 4! \times 1. \\
 51796 &= 1 + (-5 + 6! + 7!) \times 9 &= 9 \times (7! + 6! - 5) + 1. & 85436 &= -3! + \sqrt{4} + 5! \times (6! - 8) &= (-8 + 6!) \times 5! + \sqrt{4} - 3!. \\
 51839 &= -1 + 3! \times 5! \times 8 \times 9 &= 9 \times 8 \times 5! \times 3! - 1. & 85439 &= 3 - 4 + 5! \times (-8 + (\sqrt{9})!!) &= ((\sqrt{9})!! - 8) \times 5! - 4 + 3. \\
 51843 &= (1 + 3!! \times 4!) \times (-5 + 8) &= (8 - 5) \times (4! \times 3!! + 1). & 85462 &= -2 + 4! + 5! \times (6! - 8) &= (-8 + 6!) \times 5! + 4! - 2. \\
 51849 &= (1 + (\sqrt{4 + 5})!! \times 8) \times 9 &= 9 \times (8!/(5 + \sqrt{4}) + 1). & 85679 &= 5 - 6 + 7! \times (8 + 9) &= (9 + 8) \times 7! - 6 + 5. \\
 53248 &= 2^{3 \times 4} \times (5 + 8) &= (8 + 5) \times (4^3)^2. & 85691 &= (-1 + 5!) \times 6! + 8 + \sqrt{9} &= \sqrt{9} + 8 + 6! \times (5! - 1). \\
 54678 &= (-4! + 5 + 6!) \times 78 &= 8! - 7 \times 6 + \sqrt{5!^4}. & 85697 &= (-5 + 6 + 7!) \times (8 + 9) &= (9 + 8) \times (7! + 6 - 5). \\
 54936 &= (-3^{\sqrt{4}}! + (5 + 6)!)/(\sqrt{9})!! &= (-9! + (6 + 5)!)/(\sqrt{4} \times 3)!. & 85736 &= 3!! \times 5! - 6! + 7 \times 8 &= 8 \times 7 - 6! + 5! \times 3!!. \\
 57648 &= 4! \times (-5 + 6 + \sqrt{7^8}) &= 8! + (7 + 6! - 5) \times 4!. & 85934 &= (3!! - 4) \times 5! + 8 + (\sqrt{9})! &= (\sqrt{9})! + 8 - 5! \times (4 - 3!!). \\
 59318 &= -1 + (3 \times (5 + 8))^{\sqrt{9}} &= (\sqrt{9} \times (8 + 5))^3 - 1. & 86152 &= (1^2 + 5!) \times (6! - 8) &= (-8 + 6!) \times (5! + 2 - 1). \\
 59784 &= 4! + (5 + 78) \times (\sqrt{9})!! &= (\sqrt{9})!! \times (8 + 75) + 4!. & 86159 &= -1 + 5! \times (6! - 8 + (\sqrt{9})!) &= ((\sqrt{9})!! - 8 + 6) \times 5! - 1. \\
 61834 &= (1 - 3!!) \times (4 - 6!/8) &= 86 \times ((\sqrt{4} \times 3!) - 1). & 86351 &= -1 + 3!! \times 5! - 6 \times 8 &= -8 \times 6 + 5! \times 3!! - 1. \\
 64798 &= -\sqrt{4} + 6! \times (7 + 8) \times (\sqrt{9})! &= (\sqrt{9} + 87) \times 6! - \sqrt{4}. & 86352 &= (2 \times 3)! \times 5! - 6 \times 8 &= -8 \times 6 + 5! \times (3 \times 2)!. \\
 64893 &= 3! \times 4^6 + 8! - \sqrt{9} &= -\sqrt{9} + 8! + 6 \times 4^{3!}. & 86391 &= (-1 + 3!)! \times (\sqrt{\sqrt{\sqrt{6^8}}})! - 9 &= -9!/8! + 6! \times (3! - 1)!. \\
 64983 &= (3!! + \sqrt{4}) \times 6!/8 + \sqrt{9} &= (\sqrt{9})!!/8 \times (6! + \sqrt{4}) + 3. & 86392 &= -2^3 + 6! \times (8 - \sqrt{9})! &= (-\sqrt{9} + 8!) \times 6! - 3! - 2. \\
 68352 &= (-(-2 + 3!)! + 5!) \times (6! - 8) &= (-8 + 6!) \times (5! - (3! - 2)!). & 86394 &= -3! + 4! \times 6! \times (8 - \sqrt{9}) &= -(\sqrt{9})! + 8! + 64 \times 3!!. \\
 68945 &= 4! + (5 + \sqrt{\sqrt{6^8}})^{\sqrt{9}} &= (-\sqrt{9} + 8! + 6!) \times 5/3. & 86395 &= 3!! \times 5! - 6 - 8 + 9 &= 9 - 8 + 6! \times 5! - 3!. \\
 69837 &= -3 - 6! + 7! \times (8 + (\sqrt{9})!) &= ((\sqrt{9})! + 8) \times 7! - 6! - 3. & 86397 &= -3 + 6! + 7! \times (8 + 9) &= (9 + 8) \times 7! + 6! - 3. \\
 74159 &= -1 + (-4! + 5! + 7) \times (\sqrt{9})!! &= (\sqrt{9})!! \times (7 + 5! - 4!) - 1. & 86415 &= -1 + 4! + 5! \times 6! - 8 &= -8 + 6! \times 5! + 4! - 1. \\
 74352 &= (2 + 3!!) \times (-4! + 5!) + 7! &= 7! + (5! - 4!) \times (3!! + 2). & 86435 &= 3 + 4! + 5! \times 6! + 8 &= -8 + 6! \times 5! + 43. \\
 74536 &= \sqrt{(3 + 4! - 5)^6} \times 7 &= 7 \times ((6 + 5) \times \sqrt{4})^3. & 86519 &= -1 + 5! \times (6! - 8 + 9) &= (9 - 8 + 6!) \times 5! - 1. \\
 75984 &= 4! + 5! \times (7!/8 + \sqrt{9}) &= ((\sqrt{9})!! - 87) \times 5! + 4!. & 86973 &= 3!^6 + 7! \times 8 - \sqrt{9} &= -\sqrt{9} + 8 \times 7! + 6^{3!}. \\
 78149 &= (1 + 4)^7 + 8 \times \sqrt{9} &= (-\sqrt{9} + 8)^7 + 4! \times 1. & 91573 &= (1 + 3!!) \times (5! + 7) + (\sqrt{9})! &= (\sqrt{9})! + (7 + 5!) \times (3!! + 1). \\
 78624 &= 2 \times (-4! \times 6 \times 7 + 8!) &= (8! - 7 \times 6 \times 4!) \times 2. & 92158 &= -1 \times 2 + (5! + 8) \times (\sqrt{9})!! &= (\sqrt{9})!! \times (8 + 5!) - 2 \times 1. \\
 78954 &= \sqrt{4} \times (-5! \times 7 + 8! - \sqrt{9}) &= (-\sqrt{9} + 8! - 7 \times 5!) \times \sqrt{4}. & 93264 &= 2 \times (-3! \times 4 + 6^{(\sqrt{9})!}) &= ((\sqrt{9})!)^6 - 4 \times 3! \times 2. \\
 79248 &= 2 \times (4! + 7! \times 8 - (\sqrt{9})!!) &= (-\sqrt{9})!! + 8 \times 7! + 4! \times 2. & 93546 &= (-34 + 5^6) \times (\sqrt{9})! &= ((\sqrt{9})!)^6 + 5! \times \sqrt{4} - 3!. \\
 81347 &= 1 + 3!! + \sqrt{4} \times (-7 + 8!) &= (8! - 7) \times \sqrt{4} + 3!! + 1. & 93756 &= 3! \times (5^6 + 7 - (\sqrt{9})!) &= (\sqrt{9})! \times (7 - 6 + 5^{3!}). \\
 81349 &= 1 + 3!! + \sqrt{4} \times (8! - (\sqrt{9})!) &= (-\sqrt{9})! + 8! \times \sqrt{4} + 3!! + 1. & 95368 &= (3! + \sqrt{5^6}) \times (8 + (\sqrt{9})!!) &= ((\sqrt{9})!! + 8) \times (6 + 5^3). \\
 81359 &= -1 + (-3 + 5) \times 8! + (\sqrt{9})!! &= (9! + 8!)/5 + 3!! - 1. & 95436 &= (3 \times 4 + 5!) \times (6! + \sqrt{9}) &= (\sqrt{9} + 6!) \times (5! + 4 \times 3). \\
 81374 &= (1 \times 3!)! + \sqrt{4} \times (7 + 8!) &= (8! + 7) \times \sqrt{4} + 3!! \times 1. & 95784 &= (4! - 5) \times 7! + 8 \times \sqrt{9} &= \sqrt{9} \times 8 + 7! \times (-5 + 4!). \\
 82594 &= 2 + (4 - 5!) \times (8 - (\sqrt{9})!!) &= ((\sqrt{9})!! - 8) \times (5! - 4) + 2. & 95874 &= (4! - 5) \times \left( \sqrt{\sqrt{\sqrt{7^8}}} + (\sqrt{9})! \right) &= ((\sqrt{9!}/8!)! + 7!) \times (-5 + 4!). \\
 83157 &= (1 + 3!)! + 5^7 - 8 &= -8 + 7! + 5^{3!+1}. & 96384 &= -3! \times 4^6 + 8! \times \sqrt{9} &= \sqrt{9} \times 8! - 6 \times 4^{3!}. \\
 83521 &= 1 + 2 \times 3!! \times 58 &= 8! + 5! \times 3!!/2 + 1. & 97632 &= 2 \times 3!^6 + 7! - (\sqrt{9})!! &= -(\sqrt{9})!! + 7! + 6^{3!} \times 2. \\
 83529 &= 2 \times 3!! \times 58 + 9 &= 9 + 8! + 5! \times 3!!/2. & 97835 &= (3!! - 5 + 7!) \times (8 + 9) &= (9 + 8) \times (7! - 5 + 3!!). \\
 84576 &= -4! + 5! \times (6! - 7 - 8) &= (-8 - 7 + 6!) \times 5! - 4!. & 98415 &= (1 + 4) \times (-5 + 8)^9 &= \sqrt{9^8} \times 5 \times (4 - 1). \\
 84956 &= -4 + (5! + 6 - 8) \times (\sqrt{9})!! &= (\sqrt{9})!! \times (-8 + 6 + 5!) - 4.
 \end{aligned}$$

## 4.5. Six Digits.

$$\begin{aligned}
123745 &= 1 - (-2 + 3!) \times (4 - 5! - 7!) &= (7! + 5! - 4) \times (3! - 2)! + 1. \\
156247 &= (1 + (2 + 4! + 5) \times 6!) \times 7 &= 7 \times (6! \times (5 + 4! + 2) + 1). \\
156427 &= 1 + (2 + 4! + 5) \times (6 + 7!) &= (7! + 6) \times (5 + 4! + 2) + 1. \\
172465 &= 1 + 2 \times 4! \times (5 \times 6! - 7) &= (-7 + 6! \times 5) \times 4! \times 2 + 1. \\
172546 &= (1 \times 2 + \sqrt{4} \times 5!) \times (6! - 7) &= (-7 + 6!) \times (5! \times \sqrt{4} + 2 \times 1). \\
173526 &= -1 + (-2 + 3^5) \times 6! + 7 &= 7 + 6! + 5! \times 3!! \times 2 - 1. \\
176435 &= (1 + 34) \times (-5 + 6 + 7!) &= (7! + 6 - 5) \times (4 + 3!). \\
241637 &= -1 + 2 \times (3 + 4! \times (-6 + 7!)) &= ((7! - 6) \times 4! + 3) \times 2 - 1. \\
241763 &= (-1 + (2^3)! - 4!) \times 6 - 7 &= -7 + 6 \times (-4! + (3! + 2)! - 1). \\
246715 &= (1 + 2 \times 4!) \times (-5 + 6! \times 7) &= (7 \times 6! - 5) \times (4! \times 2 + 1). \\
263174 &= (1 \times 2 + 3!!/\sqrt{4}) \times (6! + 7) &= (7 + 6!) \times (4 + 3!!)/2 + 1. \\
263175 &= 1 + (2 + 3 \times 5!) \times (6! + 7) &= (7 + 6!) \times (5! \times 3 + 2) + 1. \\
317526 &= (1 + 2)! + (3 + \sqrt{5 \times 6!}) \times 7! &= 7! \times (\sqrt{6! \times 5} + 3) + (2 + 1)!. \\
326571 &= (-1 - 2 + 3!^5 \times 6) \times 7 &= 7 \times (6^5 \times 3!) - 21. \\
326741 &= -1 + (-2 + 3!)!^4 + 6 - 7! &= -7! + 6 + 4!^{3!-2} - 1. \\
345127 &= (-1 + (2 \times 3!)) \times 4 \times 5! + 7 &= 7 + 5! \times 4 \times ((3 \times 2)! - 1). \\
345617 &= (1 + 3)! + 4 \times 5! \times 6! - 7 &= -7 + 6! \times 5! \times 4 + (3 + 1)!. \\
346517 &= -1 + (3! + 4 \times 5!) \times (6! - 7) &= (-7 + 6!) \times (5! \times 4 + 3!) - 1. \\
354671 &= -1 + 3 \times 4! \times (-5! + 6 + 7!) &= (7! + 6 - 5!) \times 4! \times 3 - 1. \\
417635 &= (-1 + 3!) \times ((-4 + 5!) \times 6! + 7) &= (7 + 6! \times (5! - 4)) \times (3! - 1). \\
453671 &= -1 + 3 \times (4! + 5 \times 6 \times 7!) &= (7! \times 6 \times 5 + 4!) \times 3 - 1. \\
516237 &= 1 \times (2 + 3!!) \times (-5 + 6!) + 7 &= 7 + (6! - 5) \times (3!! + 2) \times 1. \\
516247 &= (1 + 2)!! \times (\sqrt{4} - 5 + 6!) + 7 &= 7 + 6! \times ((5 - \sqrt{4})!! - 2 - 1). \\
524167 &= (1 - (2^4 - 5!) \times 6!) \times 7 &= 7 \times (6! \times (5! - 4^2) + 1). \\
524173 &= (1 + (2^3)!) \times (4 \times 5 - 7) &= -7 + 5 + (4 + 3!!)^2 - 1. \\
524176 &= ((1 + 2)!! + 4)^{\sqrt{5+6-7}} &= ((7 - 6 + 5)! + 4)^2 \times 1. \\
536417 &= (1 + 3!!) \times (4 + 5!) \times 6 - 7 &= -7 + 6 \times (5! + 4) \times (3!! + 1). \\
543671 &= -1 + (3 \times 4 - 5!) \times (6 - 7!) &= (7! - 6) \times (5! - 4 \times 3) - 1. \\
615734 &= (1 + 3!!) \times (-4 + 5! + 6) \times 7 &= 7 \times (6 + 5! - 4) \times (3!! + 1). \\
645127 &= (1 + 2^{\sqrt{4+5}} \times 6!) \times 7 &= 7 \times (6! \times (5! + 4 \times 2) + 1). \\
721435 &= (-1 + 2 \times 3 \times 4!) \times (5 + 7!) &= (7! + 5) \times ((4 \times 3)^2 - 1). \\
725641 &= 1 + 24 \times (-5 + 6 \times 7!) &= (7! \times 6 - 5) \times 4! + 2 - 1. \\
123846 &= (1 + 2)!! + 3 \times (\sqrt{4} + 6! + 8!) &= 86 \times \sqrt{4} \times 3!! + (2 + 1)!. \\
123857 &= 1 + (2 + 3 \times (5! + 7!)) \times 8 &= 8 \times ((7! + 5!) \times 3 + 2) + 1. \\
126784 &= (1 + (-2 + 4!) \times 6! + 7) \times 8 &= 8 \times (7 + 6! \times (4! - 2) + 1). \\
126835 &= (1 + (2 + 3!)) \times (-5 + 6!) + 8! &= 8! + (6! - 5) \times ((3 + 2)! + 1). \\
132485 &= (1 + 2 \times 3!! \times 4!) \times 5 - 8! &= -8! + 5 + (4 + 3!)!/21. \\
132486 &= (1 + 2)! - (3!! - 4! \times 6!) \times 8 &= -8! + 6 + (4 + 3!)!/21. \\
132864 &= 1 \times ((2 + 3!!) \times 4! - 6!) \times 8 &= 8 \times (-6! + 4! \times (3!! + 2)) \times 1. \\
135482 &= (1 + 2 \times 3!!) \times (\sqrt{4} + 5!) - 8! &= -8! + (5! + \sqrt{4}) \times (3!! \times 2 + 1). \\
136728 &= (1 + 2) \times (\sqrt{3!^6} + 7! + 8!) &= (-87 + 6!) \times 3!^{2+1}. \\
136782 &= (1 + 2)!! - 3 \times (6 - 7! - 8!) &= (8! + 7! - 6) \times 3 + (2 + 1)!!. \\
136847 &= -1 - (3! - 4! \times (6! - 7)) \times 8 &= 8 \times ((-7 + 6!) \times 4! - 3!) - 1.
\end{aligned}$$

$$\begin{aligned}
137856 &= (1 + 3)! \times (5 + 6! - 7) \times 8 &= 8 \times (-7 + 6! + 5) \times (3 + 1)!. \\
138246 &= 12 - 3! + 4! \times 6! \times 8 &= 8 \times 6! \times 4! + 3 + 2 + 1. \\
138247 &= -1 + (2^3)! \times 4!/7 + 8 &= 8!/7 \times 4! + 3 \times 2 + 1. \\
138264 &= 1 + 23 + 4! \times (6! \times 8) &= (8 + 6! \times 4^3) \times (2 + 1). \\
138456 &= (1 + 3)! \times (4 + 5 + 6! \times 8) &= (8 \times 6! + 5 + 4) \times (3 + 1)!. \\
138624 &= (1 + 23) \times 4^6 + 8! &= 8! + 6 \times 4^{3 \times 2 + 1}. \\
138672 &= (1 + 2)!^3 \times (6! - 78) &= 8! + 7! + 6^{3!} \times 2 \times 1. \\
143856 &= (-13 + 4 + 5!) \times \sqrt{6^8} &= 8! + 6!/5 \times ((\sqrt{4} \times 3!) - 1). \\
145783 &= (1 - 3! - 4!) \times (5 - 7! + 8) &= (8 - 7! + 5) \times (\sqrt{4} - 31). \\
157384 &= (-1 - 3! - 4 \times (5! - 7!)) \times 8 &= 8 \times ((7! - 5!) \times 4 - 3! - 1). \\
157438 &= 1 - 3 + 4 \times (-5! + 7!) \times 8 &= 8 \times (7! - 5!) \times 4 - 3 + 1. \\
158426 &= (1 + 2)! + 4 \times (5 - 6! + 8!) &= (8! - 6! + 5) \times 4 + (2 + 1)!. \\
163584 &= (1 + 3) \times ((-4! + 5!) \times 6 + 8!) &= (8! + 6!/5 \times 4) \times (3 + 1). \\
163872 &= 1 \times 2 \times (3!^6 - 7! + 8!) &= (8! - 7! + 6^{3!}) \times 2 \times 1. \\
173648 &= (-1 + 3!)! \times (\sqrt{4} \times 6! + 7) + 8 &= 8 + (7 + 6! \times \sqrt{4}) \times (3! - 1)!. \\
176238 &= (1 + 2)^3 \times (-6 + 7!) + 8! &= 8! + (7! - 6) \times (3! + 21). \\
176832 &= (1 + 2)! \times (-3!! + 6 \times (7! - 8)) &= ((-8 + 7!) \times 6 - 3!!) \times (2 + 1)!. \\
184326 &= (1 + 2)! + 3!! \times (-4 + 6)^8 &= \sqrt{8^6/4} \times 3!! + (2 + 1)!. \\
184367 &= -1 + (3! + 4 \times (6! + 7!)) \times 8 &= 8 \times ((7! + 6!) \times 4 + 3!) - 1. \\
184376 &= (1 + 3)^4 \times 6! + 7 \times 8 &= 8 \times 7 + 6! \times 4^{3+1}. \\
185472 &= (12 + 4!) \times (5! + 7! - 8) &= 8 \times (7!/5) \times (\sqrt{4} + 21). \\
185473 &= 1 + 3!^{\sqrt{4}} \times (5! + 7! - 8) &= 8! + 7!/5 \times 4! \times 3! + 1. \\
186472 &= (1 + (2 + 4) \times 6) \times 7! - 8 &= -8 + 7! \times (-6 + 42 + 1). \\
216784 &= (12 - 4)^6 - 7! - 8! &= -8! - 7! + 64^{2+1}. \\
236871 &= -1 + (2^3)! \times 6 - 7! - 8 &= -8 - 7! + 6 \times (3! + 2)! - 1. \\
237618 &= (1 + 2)! \times (3 - 6! + 7! \times 8) &= (8 \times 7! - 6! + 3) \times (2 + 1)!. \\
241368 &= -1 \times 23 \times 4! + 6 \times 8! &= 8! \times 6 - 4! \times ((3! - 2!) - 1). \\
241685 &= (1 - 2 \times 4!) \times 5 + 6 \times 8! &= 8! \times 6 - 5 \times (4! \times 2 - 1). \\
241758 &= (1 + 2)! \times (-4 \times 5 - 7 + 8!) &= (8! - 7 - 5 \times 4) \times (2 + 1)!. \\
241836 &= -12 \times (3 + 4) + 6 \times 8! &= 8! \times 6 - 4!/3! \times 21. \\
241837 &= 1 - 2 \times 3 \times (\sqrt{4} \times 7 - 8!) &= (8! - 7 \times \sqrt{4}) \times 3 \times 2 + 1. \\
241856 &= -1 \times 2 \times \sqrt{4^5} + 6 \times 8! &= 8! \times 6!/5! - 4^{2+1}. \\
241863 &= 1 + 2 - 3! \times (4 + 6 - 8!) &= 8! \times 6 - 4! - 32 - 1. \\
241875 &= -1 - 2 + (\sqrt{4 + 5})! \times (-7 + 8!) &= (8! - 7) \times (5 - \sqrt{4})! - 2 - 1. \\
241876 &= 1 \times (2 - 4) + 6 \times (-7 + 8!) &= (8! - 7) \times 6 - 4/2 \times 1. \\
246381 &= -1 - 2 + 3! \times (4! + 6! + 8!) &= (8! + 6! + 4!) \times 3! - 2 - 1. \\
247681 &= 1 + ((2 + 4)! + 6 \times 7!) \times 8 &= 8 \times (7! \times 6 + (4 + 2)!) + 1. \\
267183 &= -1 + 2^{3 \times 6} + \left( \sqrt{\sqrt{\sqrt{7^8}}} \right)! &= 8! \times 7 - (6! - 3) \times 21. \\
267184 &= (12 - 4)^6 + \left( \sqrt{\sqrt{\sqrt{7^8}}} \right)! &= (8!/7!)^6 + (4 + 2 + 1)!. \\
267841 &= 1 - (2 + 4) \times (6! - 7! - 8!) &= (8! + 7! - 6!) \times (4 + 2) + 1. \\
271584 &= (1 + 2)! \times (4! - 5! + 7! + 8!) &= (8! + 7! - 5! + 4!) \times (2 + 1)!.
\end{aligned}$$

$$\begin{aligned}
276481 &= 1 + (2 \times 4)! \times 6/7 \times 8 &= 8!/7 \times (6 + 42) + 1. \\
278143 &= -1 - 2^{3 \times 4} + 7 \times 8! &= 8! \times 7 - 4^{3 \times 2} - 1. \\
281736 &= (1 + 2)!^3 - 6! + 7 \times 8! &= 8! \times 7 + 6^3 - (2 + 1)!. \\
281754 &= -(1 + 2)! - 4 \times 5! + 7 \times 8! &= 8! \times 7 - 5! \times 4 - (2 + 1)!. \\
283176 &= (1 + 2)!^3 + 6! + 7 \times 8! &= 8! \times 7 + 6^3 + (2 + 1)!. \\
312487 &= -1 + (2^{3!} - \sqrt{4}) \times 7! + 8 &= 8 + (7! \times (4^3 - 2) - 1). \\
316824 &= (-1 + (2^3)! + 4 + 6!) \times 8 &= 8 \times ((\sqrt{64})! + 3 - (2 + 1)!). \\
316857 &= 1 - (3 + 5) \times (6! - 7 - 8!) &= (8! + 7 - 6!) \times (5 + 3) + 1. \\
317485 &= 1 \times (3 + 4) \times (-5 + 7! + 8!) &= (8! + 7! - 5) \times (4 + 3 \times 1). \\
317528 &= (1 + 2 + \sqrt{3!! \times 5}) \times 7! + 8 &= 8 + 7! \times ((5 + 3)^2 - 1). \\
321584 &= (1 \times (2^3)! - \sqrt{4} - 5!) \times 8 &= (8! - 5! - \sqrt{4}) \times (3^2 - 1). \\
321784 &= -(1 + 2)!! + ((3! + \sqrt{4})! - 7) \times 8 &= (8! - 7) \times 4!/3 - (2 + 1)!. \\
321846 &= (1 + 2)! + (\sqrt{3^4})! - 6! - 8! &= 8 \times (\sqrt{64})! + 3! - (2 + 1)!. \\
321864 &= (12 - 3)! + 4! - 6! - 8! &= 8 \times ((\sqrt{64})! + 3 - (2 + 1)!). \\
327168 &= ((1 + 2)!^{3!} - 6! - 7!) \times 8 &= 8 \times (-7! + 6^{3!} - (2 + 1)!). \\
328176 &= (1 + 2)!^{3!} - 6! + 7 \times 8! &= 8! \times 7 - 6! + 3!^{(2+1)!}. \\
328561 &= 1 + (2 + 3!!) \times 5! + 6 \times 8! &= 8! \times 6 + (5! \times (3!! + 2) + 1). \\
341856 &= (1 + 3) \times (4! + 5! \times (6! - 8)) &= ((-8 + 6!) \times 5! + 4!) \times (3 + 1). \\
345128 &= (-1 + (2 \times 3!)) \times 4 \times 5! + 8 &= 8 + 5! \times 4 \times ((3 \times 2!) - 1). \\
345168 &= (-1 + 3!!) \times 4 \times 5! + 6 \times 8 &= 8 \times 6 + 5! \times 4 \times (3!! - 1). \\
354817 &= 1 + 3 \times 4! \times (-5! + 7! + 8) &= (8 + 7! - 5!) \times 4! \times 3 + 1. \\
361584 &= 1^3 \times (4 + 5)! - \sqrt{6^8} &= (8! - 6!/5) \times (\sqrt{4^3} + 1). \\
361854 &= (13 - 4) \times (-5! + 6 + 8!) &= (8! + 6 - 5!) \times (\sqrt{4^3} + 1). \\
361872 &= 12 \times 3! \times (-6 + 7! - 8) &= 8! + 7 \times (-6! + 3!^{(2+1)!}). \\
362148 &= (12 - 3)! - 4 - 6! - 8 &= -8 - 6! - 4 + (3^2)! \times 1. \\
362158 &= -1 \times 2 - 3!! + (-5 + 6 + 8)! &= -8 - 6! + 5 + (3^2)! + 1. \\
362815 &= -1 - 2^{3!} + (-5 + 6 + 8)! &= 8!/6! - 5! + (3^2)! - 1. \\
362817 &= ((1 - 2) \times 3 - 6) \times (7 - 8!) &= (\sqrt{87 - 6})! - 3 \times 21. \\
362841 &= -1 - 2 + (\sqrt{3^4})! - \sqrt{\sqrt{6^8}} &= -8 - 6 - 4! + (3^2)! - 1. \\
362871 &= (12 - 3) \times (6 - 7 + 8!) &= (8! - 7 + 6) \times 3^2 \times 1. \\
371528 &= 12 \times 3! \times (5! + 7!) + 8 &= 8 \times ((7! + 5!) \times 3^2 + 1). \\
413568 &= (1 + 3!)! + (\sqrt{4 + 5})!^6 \times 8 &= 8! + 6^5 \times 4! \times (3 - 1). \\
453871 &= 1 + 3!! \times (-\sqrt{4} + 5 + 7!)/8 &= \sqrt{(8 - 7 + 5!)^4} \times 31. \\
468712 &= (1 + 2 \times 46) \times 7! - 8 &= -8 + (7! + 6! \times 4!) \times 21. \\
481673 &= (1 + 3!! + 4) \times 6! - 7 - 8! &= -8! - 7 + 6! \times (4 + 3!! + 1). \\
482351 &= -1 - 2 \times 3! \times (4 + 5! - 8!) &= (8! - 5! - 4) \times 3! \times 2 - 1. \\
483126 &= (1 + 2)! - 3!! + \sqrt{4} \times 6 \times 8! &= 8! \times 6 \times \sqrt{4} - 3!! + (2 + 1)!. \\
483751 &= 1 - 3! - \sqrt{4! + 5!} \times (7 - 8!) &= (8! - 7) \times \sqrt{5! + 4!} - 3! + 1. \\
483761 &= -1 + 3! + \sqrt{4} \times 6 \times (-7 + 8!) &= (8! - 7) \times 6 \times \sqrt{4} + 3! - 1. \\
485761 &= 1 + \sqrt{4} \times (5! + 6 \times 7!) \times 8 &= 8 \times (7! \times 6 + 5!) \times \sqrt{4} + 1. \\
486731 &= (1 + 3!!) \times (4 + 6! + 7) - 8! &= -8! + (7 + 6! + 4) \times (3!! + 1). \\
512638 &= -1 \times 2 + 3! \times 5! \times (6! - 8) &= (-8 + 6!) \times 5! \times 3! - 2 \times 1.
\end{aligned}$$

$$\begin{aligned}
516238 &= 1 \times (2 + 3!!) \times (-5 + 6!) + 8 &= 8 + (6! - 5) \times (3!! + 2) \times 1. \\
516248 &= (1 + 2)!! \times (\sqrt{4} - 5 + 6!) + 8 &= 8 + 6! \times ((5 - \sqrt{4})!! - 2 - 1). \\
518264 &= (1 + 2)! \times (-4! + 5! \times 6!) + 8 &= 8 + (6! \times 5! - 4!) \times (2 + 1)!. \\
518273 &= (1 + 2)!! \times 3!! - 5! - \sqrt{\sqrt{\sqrt{7^8}}} &= -8!/7! - 5! + 3!!^2 + 1. \\
518362 &= (1 + 2)!! \times 3!! - 5 \times 6 - 8 &= -8 - 6 \times 5 + 3!!^2 \times 1. \\
518364 &= 1 \times 3! \times (\sqrt{4} + 5! \times 6! - 8) &= (-8 + 6! \times 5! + \sqrt{4}) \times 3! \times 1. \\
518367 &= 1 + 3! \times (5! \times 6! - 7) + 8 &= 8 - (7 - 6! \times 5!) \times 3! + 1. \\
518423 &= -1 \times 2 + 3!!^{\sqrt{4}} + \sqrt{\sqrt{5^8}} &= 8 \times \sqrt{5 + 4} + 3!!^2 - 1. \\
518432 &= (1 + 2)!! \times 3!! + \sqrt{4\sqrt{\sqrt{5^8}}} &= (8 - 5)!!^{\sqrt{4}} + 32 \times 1. \\
518436 &= (1 + 3!! \times 4 \times 5) \times \sqrt{\sqrt{6^8}} &= (8 + 6! \times 5! - \sqrt{4}) \times 3! \times 1. \\
518736 &= 1 \times 3! \times (5! \times 6! + 7 \times 8) &= (8 \times 7 + 6! \times 5!) \times 3! \times 1. \\
531428 &= (1 + 2)^{3 \times 4} - 5 - 8 &= 8 + (5 + 4)^{3!} - 21. \\
532168 &= ((1 + 2)! + 3!! + 5) \times (6! + 8) &= (8 + 6!) \times (5 + 3! + (2 + 1)!!). \\
562318 &= -1 \times 2 + (3!! + 5) \times 6! + 8! &= 8! + (6! + 5) \times 3!! - 2 \times 1. \\
562814 &= (1 + (2 \times 4)! - 5!) \times (6 + 8) &= (8 + 6) \times (-5! + (4 \times 2)! + 1). \\
573841 &= 1 - 3!! + (\sqrt{4} + 5!) \times 7! - 8! &= -8! + 7! \times (5! + \sqrt{4}) - 3!! + 1. \\
583712 &= (1 + 23 \times 5) \times (7! - 8) &= (8 - 7!) \times (5 - (3 + 2)! - 1). \\
583714 &= \sqrt{1 + 3} + (-4 + 5!) \times (7! - 8) &= (-8 + 7!) \times (5! - 4) + 3 - 1. \\
584631 &= -1 + (3!! - 4!) \times (5! + 6!) - 8 &= -8 - (6! + 5!) \times (4! - 3!!) - 1. \\
634871 &= -1 + (-3 + 4!) \times (6 \times 7! - 8) &= (-8 + 7! \times 6) \times (4! - 3) - 1. \\
645128 &= (1 - (2 \times 4 - 5!) \times 6!) \times 8 &= 8 \times (6! \times (5! - 4 \times 2) + 1). \\
645817 &= 1 - 4! + 5! \times (6 + 7!) + 8! &= 8! + (7! + 6) \times 5! - 4! + 1. \\
653184 &= 1 \times 3!^{(\sqrt{4+5}!) \times (6 + 8)} &= (8 + 6) \times (5 - \sqrt{4})^{3!} \times 1. \\
683512 &= (-1 + (-2 + 3!!) \times 5! - 6!) \times 8 &= -8 \times (6! - 5! \times (3!! - 2) + 1). \\
683521 &= 1 + 2^3 \times 5! \times (6! - 8) &= (-8 + 6!) \times 5! \times (3! + 2) + 1. \\
715368 &= 1 \times (3 + 5!) \times (6! + 7) \times 8 &= 8 \times (7 + 6!) \times (5! + 3 \times 1). \\
721864 &= (-1 + 24 \times 6) \times (7! + 8) &= (8 + 7!) \times (6 \times 4! - 2 + 1). \\
725841 &= 1 + (2^4 \times (5 + 7! + 8!)) &= (8! + 7! + 5) \times 4^2 + 1. \\
731528 &= (1 + (2 \times 3)! \times (5! + 7)) \times 8 &= 8 \times ((7 + 5!) \times (3 \times 2)! + 1). \\
731568 &= (1 \times 3!! \times 5! + 6 + 7!) \times 8 &= 8 \times (7! + 6! \times 5! + 3! \times 1). \\
735841 &= 1 + (34 + 5!) \times 7! - 8! &= 8! + 7! \times (5! + 4! - 3!) + 1. \\
786431 &= -1 + 3 \times (\sqrt{4} + 6)^7 / 8 &= 8^7 / \sqrt{64} \times 3 - 1. \\
816372 &= (12 + 3!) \times (-6 + 7! + 8!) &= (8! + 7! - 6) \times (-3 + 21). \\
827136 &= 1 \times 2 \times (3!^6 + 7!) \times 8 &= 8 \times (7! + 6^{3!}) \times 2 \times 1. \\
831746 &= -1 + (3 - 4!) \times (6! - 7 - 8!) &= (8! + 7 - 6!) \times (4! - 3) - 1. \\
846712 &= (1 + 2) \times (\sqrt{4} + 6)! \times 7 - 8 &= -8 + 7! \times \sqrt{64} \times 21. \\
846713 &= 1 + 3 \times (\sqrt{4} + 6)! \times 7 - 8 &= (8! \times 7 - 6 + 4) \times 3 - 1. \\
846721 &= 1 + (2 \times 4)! \times (6 + 7 + 8) &= 8 - 7 + (\sqrt{64})! \times 21. \\
846731 &= -1 + 3 \times (-\sqrt{4} + 6 + 7 \times 8!) &= (8! \times 7 + 6 - \sqrt{4}) \times 3 - 1. \\
847561 &= 1 + 4! \times ((5 - 6!) \times 7 + 8!) &= (8! - 7 \times (6! - 5)) \times 4! + 1.
\end{aligned}$$

$$\begin{aligned}
123479 &= 1 - 2 + 3!!/\sqrt{4} \times 7^{\sqrt{9}} & &= (\sqrt{9})!! \times \sqrt{7^{\sqrt{4} \times 3}}/2 - 1. \\
123849 &= 1 + (2 + 3!!) \times 4 + 8! \times \sqrt{9} & &= \sqrt{9} \times 8! + 4 \times (3!! + 2) + 1. \\
125639 &= -1 + (2^3)! + 5! \times (6! - 9) & &= (-9 + 6!) \times 5! + (3! + 2)! - 1. \\
126359 &= -1 + (2^3)! + 5! \times (6! - \sqrt{9}) & &= \sqrt{9} \times 6! \times (5! - 3)/2 - 1. \\
127439 &= -1 + (2 \times 3)! \times (4! \times 7 + 9) & &= (9 + 7 \times 4!) \times (3 \times 2)! - 1. \\
129456 &= 12 \times (-4 + 5 \times 6!) \times \sqrt{9} & &= (\sqrt{9})! \times (6! \times 5 - 4) \times (2 + 1)!. \\
129537 &= 1 \times ((2 + 3)! \times 5! - 7) \times 9 & &= -9 \times 7 + (5! \times 3)^2 \times 1. \\
129546 &= ((1 + 2)!! \times 4 \times 5 - 6) \times 9 & &= 9 \times (-6 + 5!^{4/2} \times 1). \\
129564 &= (-1 + (2 + 4)! \times 5) \times 6 \times (\sqrt{9})! & &= (\sqrt{9})! \times 6 \times (5 \times (4 + 2)! - 1). \\
129648 &= 12 \times (4 + 6!) + 8! \times \sqrt{9} & &= (\sqrt{9})! \times 8 + (6!/\sqrt{4})^2 \times 1. \\
129653 &= -1 + ((2 + 3)! \times 5! + 6) \times 9 & &= 9 \times 6 + (5! \times 3)^2 - 1. \\
129654 &= ((1 + 2)! + 4 \times 5 \times 6!) \times 9 & &= 9 \times (6 + 5!^{4/2}) \times 1. \\
129735 &= -(1 + 2)!! + 3 \times (5 + 7!) \times 9 & &= 9 \times ((7! + 5) \times 3 - (2 + 1)!!). \\
132489 &= -(1 + 2)!! + 3!! \times 4! \times 8 + 9 & &= 9 - 8! + (4 + 3!)!/21. \\
132597 &= (1 + 2)^3 \times (-5! + 7! - 9) & &= (-9 + 7! - 5!) \times 3^{2+1}. \\
132759 &= (1 + 2) \times (-3 - 5! + 7!) \times 9 & &= 9 \times (7! - 5! - 3) \times (2 + 1). \\
134689 &= (1 + 3!!/\sqrt{4} + 6)^{8-(\sqrt{9})!} & &= (\sqrt{9} + (8 + 6!)/\sqrt{4})^{3-1}. \\
134927 &= -1 \times 2 + 3!! \times 4! + 7^{(\sqrt{9})!} & &= 97 \times ((-4! + 3!!) \times 2 - 1). \\
135729 &= (1 + 2) \times (3 - 5! + 7! \times 9) & &= (9 \times 7! - 5! + 3) \times (2 + 1). \\
135927 &= -1 \times (2 + 3 \times (5 - 7!)) \times 9 & &= 9 \times ((7! - 5) \times 3 - 2) \times 1. \\
135946 &= 1 + ((3 + 4)! - 5) \times \sqrt{6! + 9} & &= \sqrt{\sqrt{9^6}} \times (-5 + (4 + 3)!) + 1. \\
135947 &= -1 - (3 + 4!) \times (5 - 7!) + \sqrt{9} & &= \sqrt{9} + (7! - 5) \times (4! + 3) - 1. \\
135972 &= (1 + 2)^3 \times (5 + 7! - 9) & &= 9 \times ((7! - 5) \times 3 + 2 + 1). \\
136798 &= 1 - 3 + 6! + (7! + 8!) \times \sqrt{9} & &= \sqrt{9} \times (8! + 7!) + 6! - 3 + 1. \\
137496 &= -(1 + 3)! + 4! \times (6! + 7!) - (\sqrt{9})!! & &= -(\sqrt{9})!! + (7! + 6!) \times 4! - (3 + 1)!. \\
138249 &= 12 \times 3!! \times \sqrt{4} \times 8 + 9 & &= 9 + 8! \times 4! \times 3/21. \\
138294 &= (1 + 2)! \times (3!! \times 4 \times 8 + 9) & &= (9 + 8 \times 4 \times 3!!) \times (2 + 1)!. \\
138429 &= (1 + (2 \times 3)!) \times 4! \times 8 - \sqrt{9} & &= -\sqrt{9} + 8 \times 4! \times ((3 \times 2)! + 1). \\
138964 &= 1 + 3 + 4! \times 6! \times 8 + (\sqrt{9})!! & &= \sqrt{9} + 8 \times 6! \times 4! + 3!! + 1. \\
139248 &= (1 + 2)^{3!} \times 4! \times 8 - (\sqrt{9})!! & &= (\sqrt{9})! \times 8 \times (4 \times 3!! + 21). \\
142569 &= (1 + (2 + 4 \times 5) \times 6!) \times 9 & &= 9 \times (6! \times (5 \times 4 + 2) + 1). \\
143279 &= -1 + (2^3 \times 4! + 7) \times (\sqrt{9})!! & &= (\sqrt{9})!! \times (7 + 4! \times (3! + 2)) - 1. \\
143976 &= (1 + 3!!) \times (-4! + 6!) + 7! - 9! & &= -9! + 7! + (6! - 4!) \times (3!! + 1). \\
143986 &= (-1 + 3!! \times 4! + 6!) \times 8 - (\sqrt{9})! & &= -(\sqrt{9})! + 8 \times (6! \times 4! + 3!! - 1). \\
146879 &= -1 - \sqrt{4} \times (6! - 7!) \times (8 + 9) & &= (9 + 8) \times (7! - 6!) \times \sqrt{4} - 1. \\
152639 &= -1 + (2 + 35 \times 6) \times (\sqrt{9})!! & &= ((\sqrt{9})!! + 6!) \times 53 \times 2 - 1. \\
154793 &= 1 \times 3!^4 \times 5! - 7 - (\sqrt{9})!! & &= -9! - 7 + (\sqrt{5 + 4})!! \times (3!! - 1). \\
159624 &= ((1 + 2)!! + 4! - 5) \times 6^{\sqrt{9}} & &= \sqrt{9} \times 6! + 54^{2+1}. \\
164952 &= 1 \times 2 \times (-4 + 5!) \times (6! - 9) & &= (-9 + 6!) \times (5! - 4) \times 2 \times 1. \\
168479 &= -1^4 + 6! \times 78 \times \sqrt{9} & &= (\sqrt{9})! \times (8! + 7! - 6! \times 4!) - 1. \\
169435 &= (1 + 3!!) \times (4! - 5 + 6^{\sqrt{9}}) & &= (\sqrt{(\sqrt{9})!^6 - 5 + 4!}) \times (3!! + 1).
\end{aligned}$$

$$\begin{aligned}
 173649 &= (-1 + 3!)! \times (\sqrt{4} \times 6! + 7) + 9 &= 9 + (7 + 6! \times \sqrt{4}) \times (3! - 1)!. \\
 174239 &= -1 + (2 + 3!)/(-4 + 7) \times (\sqrt{9})!! &= (97 + 4!) \times 3!! \times 2 - 1. \\
 174529 &= 1 + 2 \times (4! + 5! \times (7 + (\sqrt{9})!!)) &= (((\sqrt{9})!! + 7) \times 5! + 4!) \times 2 + 1. \\
 175934 &= (\sqrt{1+3} + \sqrt{4} \times 5!) \times (7 + (\sqrt{9})!!) &= ((\sqrt{9})!! + 7) \times (5! \times \sqrt{4} + 3 - 1). \\
 176389 &= (-1 + 36) \times 7! - 8 - \sqrt{9} &= -\sqrt{9} - 8 + 7! \times (6 \times 3! - 1). \\
 176394 &= (1 + 34) \times 6! \times 7 - (\sqrt{9})! &= (9! - (7! + 6) \times \sqrt{4})/(3 - 1). \\
 176398 &= (-1 + 36) \times 7! - 8 + (\sqrt{9})! &= (\sqrt{9})! - 8 + 7! \times (6 \times 3! - 1). \\
 178569 &= (((1 - 5) \times ((6! - 7!) - 8!)) + 9) &= 9 + 8!/7 \times (6 \times 5 + 1). \\
 178596 &= (-1 + 5) \times (-6! + 7! + 8! + 9) &= (9 + 8! + 7! - 6!) \times (5 - 1). \\
 184329 &= 1 \times (2 \times 3)! \times \sqrt{4^8} + 9 &= 9 \times (8!/\sqrt{4} + 321). \\
 185976 &= (-1 + 5^6 + (\sqrt{\sqrt{7^8}})!) \times 9 &= \sqrt{\sqrt{(\sqrt{9})!^8}} \times (7! + 6 + 5! \times 1). \\
 186239 &= -1 + ((2 \times 3)! \times 6! + 8!)/\sqrt{9} &= (-\sqrt{9} + 8! + 6! \times 3!)/(2 + 1). \\
 192384 &= (1 + 2)!^{3!} \times 4 + 8 \times (\sqrt{9})!! &= (\sqrt{9})!! \times 8 + 4 \times 3!(2+1)!. \\
 192456 &= (\sqrt{12^4} + 5!) \times (6! + 9) &= \sqrt{9^6} \times (5! + 4! \times (2 + 1)!). \\
 193542 &= (1 + (2^3)! \times 4/5) \times (\sqrt{9})! &= (9 + 5) \times (4!^3) + (2 + 1)!. \\
 194256 &= (1 + 2)! \times (-4! + 5 \times 6! \times 9) &= (9 \times 6! \times 5 - 4!) \times (2 + 1)!. \\
 194328 &= ((1 + 2)!! \times (3! + 4!) - 8) \times 9 &= 9 \times (-8 + (4! + 3!) \times (2 + 1)!!). \\
 195264 &= -12^4 + \sqrt{(5 \times 6!)^{\sqrt{9}}} &= (\sqrt{9})! \times (-6^5 + (4 \times 2!)) \times 1. \\
 197568 &= (1 - 5^6 - 7!) \times 8 + 9! &= \sqrt{9} \times 8 \times \sqrt{7^6} \times (5 - 1)!. \\
 198756 &= 1 - 5 \times (6! - 7 - 8!) + (\sqrt{9})!! &= (\sqrt{9})!! + (8! + 7 - 6!) \times 5 + 1. \\
 215964 &= -12 - 4! + \sqrt{(5 \times 6!)^{\sqrt{9}}} &= -(\sqrt{9})! \times 6 + (5!/\sqrt{4})^{2+1}. \\
 217439 &= -1 + 2 \times (3! \times 4! + 7) \times (\sqrt{9})!! &= (\sqrt{9})!! + 7! \times 43 - 2 + 1. \\
 219456 &= (1 + 2)!! \times \sqrt{4} \times 5! + 6^{(\sqrt{9})!} &= (\sqrt{9})!^6 \times 5 - 4!^{2+1}. \\
 235198 &= (-12 + 35 \times 8!)/(\sqrt{9})! &= \sqrt{9^8} \times 6 \times 3! + 2 \times 1. \\
 236159 &= -1 - (2^3)! - 5! \times 6! + 9! &= 9! - 6! \times 5! - (3! + 2)! - 1. \\
 236195 &= -1 + (2 \times 3^5)^{6/\sqrt{9}} &= (96 \times 5 + 3!)^2 - 1. \\
 239718 &= -(1 + 2) \times 3!! + (-7 + 8!) \times (\sqrt{9})! &= (\sqrt{9})! \times (8! - 7 - 3!!/2 \times 1). \\
 239751 &= (-1 + 2 \times 3!! + 5 \times 7!) \times 9 &= 9 \times (7! \times 5 + 3!! \times 2 - 1). \\
 239781 &= (1 + 2) \times (-3!! + 7 - 8!) + 9! &= 9! - (8! - 7 + 3!!) \times (2 + 1). \\
 239814 &= (1 + 2) \times (-3!! + \sqrt{4} \times (8! + 9)) &= ((9 + 8!) \times \sqrt{4} - 3!!) \times (2 + 1). \\
 241398 &= -(1 + 2)! - 3^4 + 8!) \times (\sqrt{9})! &= (\sqrt{9})! \times (8! - 43 \times 2 - 1). \\
 241698 &= (1 + 2)! \times (-46 + 8! + 9) &= (\sqrt{9})! \times (8! + 6 - 42 - 1). \\
 241789 &= -124 - 7 + 8! \times (\sqrt{9})! &= (\sqrt{9})! \times (8! - (7 + 4) \times 2) + 1. \\
 241798 &= (1 + 2)! - \sqrt{4^7} + 8! \times (\sqrt{9})! &= (\sqrt{9})! \times 8! - (7 + 4)^2 - 1. \\
 241839 &= (1 + 2)! \times (-3 \times 4 + 8!) - 9 &= -9 + (8! - 4 \times 3) \times (2 + 1)!. \\
 241859 &= -1 - 2 \times (\sqrt{4} \times 5 - 8!) \times \sqrt{9} &= \sqrt{9} \times (8! - 5 \times \sqrt{4}) \times 2 - 1. \\
 241869 &= 12/4 + 6 \times (8! - 9) &= -9 + 8! \times 6 - 42 \times 1. \\
 241879 &= 1^{24} - (7 - 8!) \times (\sqrt{9})! &= (\sqrt{9})! \times 8 \times 7! - 42 + 1. \\
 241893 &= \sqrt{12-3} \times (\sqrt{4} \times 8! - 9) &= (\sqrt{9})! \times (8! - 4 + 3) - 21. \\
 241895 &= -1 + (2 + 4) \times (5 + 8! - 9) &= (-9 + 8! + 5) \times (4 + 2) - 1.
 \end{aligned}$$

$$\begin{aligned}
241896 &= 1 - 2^4 + 6 \times 8! - 9 &= (\sqrt{9} + 8!) \times 6 - 42 \times 1. \\
241897 &= 1 - 24 + 7! \times 8 \times (\sqrt{9})! &= (\sqrt{9} \times 8! - 7 - 4) \times 2 - 1. \\
241935 &= (1 + (2^3)!) \times (\sqrt{4+5})! + 9 &= 9! + (5 - (4!/3)!) \times (2 + 1). \\
241936 &= 1 + ((2^3)! + 4) \times 6 - 9 &= (9!/6 + 4) \times (3 + 2 - 1). \\
241937 &= -1 + 2 \times (3! \times 4 \times 7! + 9) &= (9 + 7! \times 4 \times 3!) \times 2 - 1. \\
241938 &= (1 + 23)/4 \times (8! + \sqrt{9}) &= \sqrt{9} \times 8! \times \sqrt{4} - 3 + 21. \\
241953 &= (1 + 2 \times ((3! + \sqrt{4})! + 5)) \times \sqrt{9} &= \sqrt{9} \times ((5 + (4!/3)!) \times 2 + 1). \\
241956 &= ((12 - 4)! + 5) \times 6 + (\sqrt{9})! &= (9 - 6)! \times (5 + (4 \times 2)! + 1). \\
241958 &= 12 - 4 + (5 + 8!) \times (\sqrt{9})! &= 9 + (8! + 5) \times (4 + 2) - 1. \\
241965 &= (1 + (2 \times 4)! + 5) \times 6 + 9 &= 9 + 6 \times (5 + (4 \times 2)! + 1). \\
241967 &= -1 + 2 \times 4 \times (6 \times 7! + (\sqrt{9})!) &= ((\sqrt{9})! \times 7! + 6) \times 4 \times 2 - 1. \\
241968 &= 1 \times 2 + 46 + 8! \times (\sqrt{9})! &= (9 + 8!) \times 6 - (4 + 2) \times 1. \\
241973 &= -1 + ((2^3)! + \sqrt{4} + 7) \times (\sqrt{9})! &= (\sqrt{9})! \times (7 + (4!/3)! + 2) - 1. \\
241978 &= 12 + 4 + (7 + 8!) \times (\sqrt{9})! &= (9! + 87) \times \sqrt{4}/(2 + 1). \\
241983 &= (1 + 2) \times (3 + \sqrt{4} \times (8! + 9)) &= (\sqrt{9} \times 8!) \times \sqrt{4} + 3 \times 21. \\
241985 &= 1 + 2 \times (\sqrt{4^5} + 8! \times \sqrt{9}) &= (\sqrt{9})! \times (8! - 5 + 4^2) - 1. \\
241986 &= (1 + 2) \times 4 + 6 \times (8! + 9) &= 9 \times 8 + 6 \times ((4 \times 2)! - 1). \\
241987 &= 1 + 24 + (7 + 8!) \times (\sqrt{9})! &= (\sqrt{9})! \times (8! + 7) + 4 + 21. \\
243791 &= -1 + 2 \times (3!! + 4! \times (7! + 9)) &= ((9 + 7!) \times 4! + 3!!) \times 2 - 1. \\
246197 &= -1 + ((2 \times 4)! + 6! - 7) \times (\sqrt{9})! &= (\sqrt{9})! \times (-7 + 6! + (4 \times 2)!) - 1. \\
246198 &= (1 + 2)! \times (\sqrt{4} + 6! + 8! - 9) &= (\sqrt{9})! \times (8! + 6!) - 42 \times 1. \\
246951 &= (1 + 2)!! \times \sqrt{(\sqrt{4} + 5)^6} - 9 &= -9 + 6! \times (5 + \sqrt{4})^{2+1}. \\
249516 &= 12 \times (4! + 5) \times (6! - \sqrt{9}) &= (-\sqrt{9} + 6!) \times (5! - 4) \times (2 + 1). \\
251694 &= (1 + 2) \times (-\sqrt{4} + 5!) \times (6! - 9) &= (-9 + 6!) \times (5! - \sqrt{4}) \times (2 + 1). \\
256319 &= 1 - 2 + 356 \times (\sqrt{9})!! &= (\sqrt{9})!! \times (6! - 5 - 3)/2 - 1. \\
259134 &= (1 + 2)! + 3 \times (-4! + 5! \times (\sqrt{9})!!) &= ((\sqrt{9})!! \times 5! - 4!) \times 3 + (2 + 1)!. \\
259136 &= -1 \times 2^{3!} + 5! \times 6! \times \sqrt{9} &= ((\sqrt{9})!! \times 6! - 5! - 3!)/2 - 1. \\
259137 &= ((1 + 2)!!/3 \times 5! - 7) \times 9 &= 9!/7 \times 5 - 3 \times 21. \\
259146 &= ((1 + 2)! - 4! + 5! \times 6!) \times \sqrt{9} &= \sqrt{9} \times 6 \times (5!^{\sqrt{4}} - 2 - 1). \\
259163 &= -1 + (-2 \times 3! + 5! \times 6!) \times \sqrt{9} &= \sqrt{9} \times 6! \times 5! - 3!^2 - 1. \\
259164 &= (-12 + 4! \times 5 \times 6!) \times \sqrt{9} &= \sqrt{9} \times 6 \times (5!^{\sqrt{4}} - 2) \times 1. \\
259173 &= (1 + 2) \times (3!! \times 5! - 7) - (\sqrt{9})! &= 9!/7 \times 5 - 3^{2+1}. \\
259183 &= 1 + (-2 + 3!! \times 5 \times 8) \times 9 &= 9 \times (8 \times 5 \times 3!! - 2) + 1. \\
259416 &= (1 + 2) \times 4! \times (5 \times 6! + \sqrt{9}) &= (\sqrt{9} + 6! \times 5) \times 4! \times (2 + 1). \\
259431 &= ((1 + 2)!! \times 3 + \sqrt{4}) \times 5! - 9 &= -9 + 5! \times (\sqrt{4} + 3 \times (2 + 1)!!). \\
261359 &= -1 + (-2 + 3 + 5!) \times 6! \times \sqrt{9} &= \sqrt{9} \times 6! \times (5! + 3 - 2) - 1. \\
263519 &= 1 - 2 + (3 \times 5! + 6) \times (\sqrt{9})!! &= (\sqrt{9})!! \times (6 + 5! \times 3) - 2 + 1. \\
271439 &= -1 + 2 \times (3 + 4!) \times 7! - (\sqrt{9})!! &= -(\sqrt{9})!! + 7! \times (4! + 3) \times 2 - 1. \\
271943 &= 1 - 2 + 3! \times (-4 + 7!) \times 9 &= 9 \times (7! - 4) \times 3 \times 2 - 1. \\
271946 &= 1 \times 2 - (4! - 6 \times 7!) \times 9 &= 9 \times (7! \times 6 - 4!) + 2 \times 1. \\
276491 &= -1 + 2 \times (4! \times (6! + 7!) + (\sqrt{9})!) &= ((\sqrt{9})! + (7! + 6!) \times 4!) \times 2 - 1.
\end{aligned}$$



$$\begin{aligned}
281479 &= 1 - (2 + 4)! + 7 \times (8! - (\sqrt{9})!) &= -(\sqrt{9})!! + 8! \times 7 - 42 + 1. \\
281497 &= 1 - 24 + 7 \times 8! + (\sqrt{9})!! &= -(\sqrt{9})!! + 8! \times 7 - \sqrt{4} - 21. \\
281937 &= -(1 + 2)!!/3 + 7 \times (8! - 9) &= (-9 + 8!) \times 7 - 3!!/(2 + 1). \\
281946 &= (1 + 2 \times 4!) \times (6! \times 8 - (\sqrt{9})!) &= 98 \times (6! \times 4 - 2 - 1). \\
281953 &= 1 - 2 \times (3!!/5 + 8!) + 9! &= 9 \times (8^5 - 3!! \times 2) + 1. \\
283691 &= -1 + 2 \times (3! + 6! - 8!) + 9! &= 9! - (8! - 6! - 3!) \times 2 - 1. \\
284159 &= -1 + 2^4 \times (5! + 8!) - 9! &= -9! + (8! + 5!) \times 4^2 - 1. \\
289143 &= 12^{3+\sqrt{4}} + 8! - 9 &= 9 \times (8! - 4^{3!} \times 2 - 1). \\
297351 &= 1 \times (2^{3!} - 5) \times 7! - 9 &= -9 + 7! \times (53 + (2 + 1)!). \\
312479 &= -1 + (2 - 3 \times 4) \times 7! + 9! &= 9! - 7! \times (4 \times 3 - 2) - 1. \\
314925 &= -1 - 2 + (-3! + 4!)^5/(\sqrt{9})! &= -\sqrt{9} + 54^3 \times 2 \times 1. \\
314927 &= -1 + 2 \times (3! \times (\sqrt{4} + 7))^{\sqrt{9}} &= (9 \times (7 - 4)!)^3 \times 2 - 1. \\
314928 &= (1 + 2)^{3!} \times 48 \times 9 &= (9 \times (8 - \sqrt{4}))^3 \times 2 \times 1. \\
315798 &= (1 + 3!!) \times (-5 + 78) \times (\sqrt{9})! &= (\sqrt{9} + 87 \times 5) \times (3!! + 1). \\
316794 &= 1 - 3!! \times \sqrt{4^6} - 7 + 9! &= 9! - 7 - 6! \times 4^3 + 1. \\
316798 &= 1 - 3 - 6! + (-7! + 8!) \times 9 &= 9!/8 \times 7 - 6! - 3 + 1. \\
316849 &= 1 + (3! + \sqrt{4}) \times (-6! + 8! + (\sqrt{9})!) &= ((\sqrt{9})! + 8! - 6!) \times 4!/3 + 1. \\
316942 &= -(1 + 2)^{3!} - \sqrt{4} + 6! + 9! &= 9! + 6! - \sqrt{4} - 3!^{(2+1)!}. \\
316945 &= 1 + 3!! - (\sqrt{4 + 5})!^6 + 9! &= 9! - 6^{(5-\sqrt{4})!} + 3!! - 1. \\
316974 &= (1 + 3!) \times (-4! + (-6 + 7!) \times 9) &= (9 \times (7! - 6) - 4!) \times (3! + 1). \\
317489 &= -13 + (-\sqrt{4} - 7! + 8!) \times 9 &= (9!/8) \times \sqrt{7\sqrt{4}} - 31. \\
317492 &= (-1 + 2^3) \times (-4 + 7! \times 9) &= (9 \times 7! - 4) \times (3 \times 2 + 1). \\
317496 &= -(1 + 3)! + ((\sqrt{4} + 6)! - 7!) \times 9 &= 9! \times 7/\sqrt{64} - (3 + 1)!. \\
317498 &= \sqrt{1 + 3} - 4! + (-7! + 8!) \times 9 &= 9!/8 \times 7 - 4! + 3 - 1. \\
317529 &= (1^2 + (3 + 5)! - 7!) \times 9 &= 9 + 7! \times ((5 + 3)^2 - 1). \\
317925 &= (1 - 2^{3!}) \times (5 - 7!) + (\sqrt{9})!! &= (\sqrt{9})!! + (7! - 5) \times 3 \times 21. \\
318469 &= -1 + 3! + 4^6 - 8! + 9! &= 9! - 8! + 6 - 4^{3!} - 1. \\
318964 &= (1 - 3!!) \times 4 - 6! - 8! + 9! &= 9! - 8! - 6! - 4 \times (3!! - 1). \\
318967 &= (1 - 3!) \times 6! + 7 - 8! + 9! &= 9! - 8! + 7 - 6! \times (3! - 1). \\
318976 &= (-1 + 3)^6 \times 7 \times (-8 + (\sqrt{9})!!) &= ((\sqrt{9})!! - 8) \times 7 \times (63 + 1). \\
319674 &= (-1 + 3^4 \times 6! - 7!) \times (\sqrt{9})! &= (\sqrt{9})! \times ((76 - \sqrt{4}) \times 3!! - 1). \\
319684 &= 1 + 3 - 4 \times 6! - 8! + 9! &= 9! - 8! - 6! \times 4 + 3 + 1. \\
319687 &= -(1 + 3) \times 6! + 7 - 8! + 9! &= 9! - 8! + 7 - 6! \times (3 + 1). \\
321798 &= -(1 + 2)!! - 3! \times 7 - 8! + 9! &= 9! - 8! - 7 \times 3! - (2 + 1)!!!. \\
321849 &= -(1 + 2)!! + \sqrt{3^4} - 8! + 9! &= 9 + 8! \times 4!/3 - (2 + 1)!!!. \\
321896 &= (1 + (2^3)! + 6) \times 8 - (\sqrt{9})!! &= -(\sqrt{9})!! + 8 \times (6 + (3! + 2)! + 1). \\
321897 &= 1 + 2^3 \times (7 + 8!) - (\sqrt{9})!! &= -(\sqrt{9})!! + (8! + 7) \times (3! + 2) + 1. \\
321958 &= -1 \times 2 - 3!! + 5! - 8! + 9! &= 9! - 8! + 5! - 3!! - 2 \times 1. \\
321984 &= (-12^3 + 4! \times 8!)/\sqrt{9} &= 9! - 8! - 4! \times (3 + 21). \\
326159 &= -1 - (2^3)! + 5 \times 6! + 9! &= 9! - 6! \times (53 - 2) - 1. \\
326591 &= -1 + (2 \times 3! - 5) \times 6^{(\sqrt{9})!} &= (\sqrt{9})!^6 \times (-5 + 3! \times 2) - 1.
\end{aligned}$$

$$\begin{aligned}
326891 &= -1 + (2 + 3!!) \times 6 - 8! + 9! &= 9! - 8! + 6 \times (3!! + 2) - 1. \\
327591 &= (1 + 2 \times 3!) \times 5 \times 7! - 9 &= -9 + 7! \times ((5 + 3)^2 + 1). \\
328917 &= (1 + 2)!^{3!} + 7 \times (8! + \sqrt{9}) &= (\sqrt{9} + 8!) \times 7 + 3!^{(2+1)!}. \\
341279 &= -1 + 2 \times (34 \times 7! - (\sqrt{9})!!) &= 9! - 7! \times 4 - 3!! \times 2 - 1. \\
341965 &= -(1 + 3!!) \times (4! + 5) - 6 + 9! &= 9! - 6 - (5 + 4!) \times (3!! + 1). \\
341976 &= -13 \times 4! \times 67 + 9! &= 9! - (7! + 6) \times 4 - 3!! \times 1. \\
342719 &= -1^{23} - 4 \times 7! + 9! &= (9! + 7! \times 4^3)/2 - 1. \\
345129 &= (-1 + (2 \times 3!)) \times 4 \times 5! + 9 &= 9 + 5! \times 4 \times ((3 \times 2)! - 1). \\
345619 &= (1 + 3) \times (4 + 5! \times 6!) + \sqrt{9} &= 9! - 6 \times (5! \times 4! - 3) + 1. \\
345719 &= (1 + 3!! \times 4) \times 5! - 7 + (\sqrt{9})! &= 9! - (7 + 5! + 4)^{3-1}. \\
345961 &= 1 + (3 + 4! \times 5!) \times 6! / (\sqrt{9})! &= (\sqrt{9})!! / 6 \times (5! \times 4! + 3) + 1. \\
347519 &= -1 + (3!! + 4) \times 5! \times (7 - \sqrt{9}) &= \sqrt{9+7} \times 5! \times (4 + 3!!) - 1. \\
347691 &= (-1 + (3 + 4!)) \times (6 + 7 \times 9) &= (9 \times 7 + 6) \times ((4 + 3)! - 1). \\
348719 &= -1 - 3!! + (\sqrt{4} + 7)! - 8! / \sqrt{9} &= 9! - 8! / (7 - 4) - 3!! - 1. \\
349681 &= 1 + (\sqrt{3^4})! + (6! - 8!) / \sqrt{9} &= 9! - (8! - (\sqrt{6\sqrt{4}})!) / 3 + 1. \\
349812 &= (-12 - 3!! \times \sqrt{4} + 8!) \times 9 &= 9 \times (8! - \sqrt{4} \times (3!! + (2 + 1)!)). \\
351974 &= ((1 - 3!!) \times \sqrt{4} - 5!) \times 7 + 9! &= 9! - 7 \times (5! + \sqrt{4} \times (3!! - 1)). \\
352791 &= 1 \times 2 \times 35 \times 7! - 9 &= 9! + 7! - (5! + 3)^2 \times 1. \\
352941 &= -(1 + 2)! + 3 \times (\sqrt{4} + 5)^{(\sqrt{9})!} &= \sqrt{9} \times ((5 + \sqrt{4})^{3!} - 2) \times 1. \\
354291 &= (1 + 2)! \times \sqrt{3^{4 \times 5}} - \sqrt{9} &= (9^5 - 4) \times 3! + 21. \\
354916 &= -(1 \times 3!! + 4) \times (5 + 6) + 9! &= 9! - (6 + 5) \times (4 + 3!!) \times 1. \\
354961 &= 1 - (3 \times \sqrt{4} + 5) \times 6! + 9! &= 9! - 6^5 - 4! \times 3! + 1. \\
354971 &= (-1 + 3!!) \times (4! - 5 \times 7) + 9! &= 9! - (7 \times 5 - 4!) \times (3!! - 1). \\
357149 &= -1 \times 3!! + 4! + 5 - 7! + 9! &= 9! - (7! - 5 - 4! + 3!!) \times 1. \\
357491 &= (1 - 3 \times 4!) \times (5 - 7!) + (\sqrt{9})! &= 9! - 7! - (5! - 4) \times 3 - 1. \\
357912 &= 1 + \sqrt{(2 \times 3 - 5 + 7!)^{\sqrt{9}}} &= \sqrt{((\sqrt{9})! + 7! - 5)^3 + 2} - 1. \\
357914 &= 1 \times 3 + \sqrt{(-4 + 5 + 7!)^{\sqrt{9}}} &= \sqrt{9} + (75 - 4)^3 \times 1. \\
357921 &= \sqrt{(1 + 2)^{3+5}} - 7! + 9! &= 9! - 7! + 5! / 3 \times 2 + 1. \\
359271 &= -1 \times 2 - 3!! \times 5 - 7 + 9! &= 9! - 7 - (5 \times 3!! + 2) \times 1. \\
359281 &= 1 - (2 \times 3!) \times 5 + 8! \times 9 &= 9 \times 8! - 5 \times (3 \times 2)! + 1. \\
359417 &= -(1 + 3!) \times (4! + 5!) - 7 + 9! &= 9! - 7 - (5! + 4!) \times (3 + 1)!. \\
359421 &= 1 \times 23 \times (\sqrt{4} + 5^{(\sqrt{9})!}) &= 9! + 5 \times (4! - 3!!) + 21. \\
359461 &= 1 + 3!! / 4 - 5 \times 6! + 9! &= 9! + (6 - 5!) \times (4! + 3!) + 1. \\
359471 &= -(1 + 3!) \times (4 \times 5! + 7) + 9! &= 9! - (7 + 5! \times 4) \times (3! + 1). \\
359641 &= 1 + (3 - 4!) \times 5! - 6! + 9! &= 9! - 6! - 5! \times (4! - 3) + 1. \\
361429 &= 1 - 2 \times ((3 \times \sqrt{4})! + 6) + 9! &= 9! - 6 - 4 - 3!! \times 2 - 1. \\
361459 &= 1 - 3 \times (4 \times 5! - 6) + 9! &= 9! + (6 - 5! \times 4) \times 3 + 1. \\
361489 &= 1 - (3!! / 4 - 6) \times 8 + 9! &= 9! - 8 \times (6! / 4 - 3!) + 1. \\
361495 &= -1 - 3!! \times \sqrt{4} + 56 + 9! &= 9! - 6! + 54 - 3!! + 1. \\
361549 &= 13 - 4! \times 56 + 9! &= 9! - \sqrt{(6 + 5)^{4+3-1}}. \\
361594 &= -(1 + 3)^4 \times 5 + (-6 + 9!) &= 9! - 6 - 5 \times 4^{3+1}.
\end{aligned}$$

$$\begin{aligned}
361794 &= 1 - 3!/4 \times 6 - 7 + 9! &= 9! - 7 - 6!/4 \times 3! + 1. \\
361924 &= -(1 + 2)!!/3 + 4 - 6! + 9! &= 9! - 6! + 4 - 3!!/(2 + 1). \\
361925 &= -1 \times 235 - 6! + 9! &= 9! + 6 - 5! \times (3! + 2) - 1. \\
361928 &= (1 - (2 \times 3)!/6) \times 8 + 9! &= 9! - 8 \times ((6 - 3 + 2)! - 1). \\
361942 &= -(1 + 2)!^3 - \sqrt{4} - 6! + 9! &= (9!/6! - \sqrt{4}) \times ((3 \times 2)! + 1). \\
361945 &= 1 - 3!! + (4 + 5)! - 6^{\sqrt{9}} &= 9! - 6! - 5 \times 43 \times 1. \\
361984 &= (-1 - 3 \times 4 + 6!) \times 8^{\sqrt{9}} &= 9! - (8 + 6) \times 4^3 \times 1. \\
362149 &= (1 - 23)/\sqrt{4} - 6! + 9! &= 9! - 6! + 4 + 3! - 21. \\
362159 &= 12/3 - 5 - 6! + 9! &= 9! - 6! + (5 - 3!)^{21}. \\
362194 &= 1^2 \times 34 - 6! + 9! &= 9! - 6! + \sqrt{4} + 32 \times 1. \\
362195 &= 1^2 \times 35 - 6! + 9! &= 9! - 6! + 5 \times (3 \times 2 + 1). \\
362519 &= 1 - 2 - 3 \times 5! + (6 + \sqrt{9})! &= 9! - 6!/(5 - 3) - 2 + 1. \\
362591 &= -1 - 2 \times 3!!/5 + (6 + \sqrt{9})! &= 9! - (6 + 5 + 3!)^2 \times 1. \\
362819 &= 1 + 2 \times 3 - 68 + 9! &= 9! + 8 - 6 - 3 \times 21. \\
362891 &= \sqrt{123 + 6 - 8} + 9! &= 9! + 8 + 63/21. \\
362941 &= 12 + 3 + 46 + 9! &= 9! - 6 + 4 + 3 \times 21. \\
362951 &= 12 + 3 + 56 + 9! &= 9! + 65 + 3 + 2 + 1. \\
362981 &= 12 + (3 + 6)! + 89 &= 9! + 86 - 3! + 21. \\
364189 &= 13 + (4! \times 6 + 8!) \times 9 &= 9! + 8 + 6^4 + 3! - 1. \\
364192 &= 1 \times 2 \times (3!! - \sqrt{4^6}) + 9! &= 9! - (64 - 3!!) \times 2 \times 1. \\
364195 &= \sqrt{13^4} \times (-5 + 6! \times \sqrt{9}) &= 9! + 6! + 5 \times ((\sqrt{4} + 3)! - 1). \\
364291 &= 1 + 2 \times 3!! - 4! - 6 + 9! &= 9! - 6 - 4! + 3!! \times 2 + 1. \\
364951 &= 1 + 345 \times 6 + 9! &= 9! + (6! - 5!/4) \times 3 + 1. \\
365149 &= 1 - (3! - 4!) \times (5! + 6) + 9! &= 9! + (6 + 5!) \times (4! - 3!) + 1. \\
367189 &= -1 \times 3 - 6! + 7! - 8 + 9! &= 9! - 8 + 7! - 6! - 3 \times 1. \\
367194 &= 1 + (3 + 4)! - 6! - 7 + 9! &= 9! - 7 - 6! + (4 + 3)! + 1. \\
367198 &= -1 - 3^6 + 7! + 8 + 9! &= 9! - 8 + 7 + 6 \times 3!! - 1. \\
367491 &= (1 + 3 \times 4!) \times (-6 + 7!) + 9 &= 9 + (7! - 6) \times (4! \times 3 + 1). \\
367891 &= -1 - 36 + 7! + 8 + 9! &= 9! + 8 + 7! - 6 - 31. \\
367914 &= -1^{34} \times (6 - 7! - 9!) &= 9! + 7! - \sqrt{64} + 3 + 1. \\
367918 &= 1 \times \sqrt{36} + 7! - 8 + 9! &= 9 \times 8! + 7! - 6 + 3 + 1. \\
367941 &= 13 + \sqrt{4} + 6 + 7! + 9! &= 9! + 7! - 6 - 4 + 31. \\
368719 &= -1 + (3 + 6! + 7) \times 8 + 9! &= 9! + 8 \times (7 + 6! + 3) - 1. \\
369148 &= 1 + 3 + (-4! + 6! + 8!) \times 9 &= 9 \times (8! + 6! - 4!) + 3 + 1. \\
369218 &= 1 \times 2 + 3!^6 - 8! + 9! &= 9! - (8! - 6^{3!} - 2) \times 1. \\
369481 &= 1 + (3 + \sqrt{4})! + (6! + 8!) \times 9 &= 9! + 8!/6 - (\sqrt{4} + 3)! + 1. \\
371295 &= (1 + 2 \times 3!)^5 - 7 + 9 &= ((\sqrt{9})! + 7)^5 + 3 - 2 + 1. \\
371495 &= (-1 + 3!! - 4) \times 5 + 7! + 9! &= 9! + 7! - 5 \times (4 - 3!! + 1). \\
371496 &= -(1 + 3)! + (\sqrt{4} \times (-6! + 7!) + 9!) &= 9! + (7! - 6!) \times \sqrt{4} - (3 + 1)!. \\
371529 &= 12 \times 3! \times (5! + 7!) + 9 &= 9 \times ((7! + 5!) \times (3! + 2) + 1). \\
371592 &= 12 \times (3! \times (5! + 7!) + (\sqrt{9})!) &= 9! + (7 + 5) \times (3!! + (2 + 1)!). \\
371952 &= \sqrt{(1 + 2)!^{3+5}} \times 7 + 9! &= 9! + 7!/5 \times 3 \times (2 + 1). \\
372941 &= 1 - 2 \times (3! + 4 - 7!) + 9! &= 9! + (7! - 4 - 3!) \times 2 + 1.
\end{aligned}$$

$$\begin{aligned}
372951 &= 1 + \sqrt{-2 + 3!} \times (-5 + 7!) + 9! &= -9 + 7! \times (53 + 21). \\
372981 &= -1 + 2 \times (3 + 7! + 8) + 9! &= 9! + 8!/(7 - 3) + 21. \\
375149 &= (1 + 3!!) \times 4! + 5 - 7! + 9! &= 9! - 7! + 5 + 4! \times (3!! + 1). \\
378194 &= (-1 + 3!!) \times (\sqrt{4} \times 7 + 8^{\sqrt{9}}) &= ((\sqrt{9})! \times 87 + 4) \times (3!! - 1). \\
379416 &= (1 + 3!) \times (-4! + 6! - 7) + 9! &= 9! - 7! + (6! - 4!) \times 31. \\
381649 &= 1 + 3!! + (4! + 6!) \times 8^{\sqrt{9}} &= (\sqrt{9})!! + \sqrt{8^6} \times (4! + 3!!) + 1. \\
384912 &= (1 + 2)^{3!} \times (-4! \times 8 + (\sqrt{9})!!) &= -\sqrt{(\sqrt{9})!^8} \times (4! - 32!). \\
385912 &= (-1 + (-2 + 3!)! \times 5!) \times 8 + 9! &= 9! + 8 \times (5! \times (3! - 2)! - 1). \\
385921 &= 1 + (-2 + 3!)! \times 5! \times 8 + 9! &= 9! + (8 - 5)!! \times 32 + 1. \\
389124 &= ((1 + 2)^{3!} \times 4 + 8!) \times 9 &= \sqrt{9^8} \times 4 + (3^2)! \times 1. \\
391648 &= ((-1 + 3!!) \times 4 + 6!) \times 8 + 9! &= 9! + 8 \times (6! + 4 \times (3!! - 1)). \\
391687 &= (-1 + 3!!) \times (6! - 7) - 8! \times \sqrt{9} &= -\sqrt{9} \times 8! + (-7 + 6!) \times (3!! - 1). \\
394516 &= (-1 + 3!!) \times 4 \times (5 + 6) + 9! &= 9! + (6 + 5) \times 4 \times (3!! - 1). \\
394561 &= 1 - 3!! + 45 \times 6! + 9! &= 9! + (6 + 5) \times 4 \times 3!! + 1. \\
395281 &= 1 + ((2 \times 3)! \times 5 + 8!) \times 9 &= 9 \times (8! + 5 \times (3 \times 2)!) + 1. \\
396481 &= 1 - (3! + \sqrt{4})!/6 + 8! + 9! &= 9! + 8!/6 \times (\sqrt{4} + 3) + 1. \\
397416 &= -1 \times 3! \times (4 - 6! - 7!) + 9! &= 9! + (7! + 6! - 4) \times 3! \times 1. \\
398146 &= -(1 + 3!) \times (\sqrt{4} + 6!) + 8! + 9! &= 9! + 8! - (6! + \sqrt{4}) \times (3! + 1). \\
398147 &= -1 - 3 \times 4 - 7! + 8! + 9! &= 9! + 8! - 7! - 4 \times 3 - 1. \\
398164 &= -(1 + 3!)! - \sqrt{4} + 6 + 8! + 9! &= 9! + 8! + 6 - \sqrt{4} - (3! + 1)!. \\
398167 &= 13 - 6 - 7! + 8! + 9! &= 9! + 8! + 7 - ((6 - 3)! + 1)!. \\
398172 &= 12 - 3!! \times 7 + 8! + 9! &= 9! + 8! - 7! + 3! \times (2 \times 1). \\
398174 &= ((1 + 3!)! + \sqrt{4}) \times 7 + 8! \times 9 &= 9 \times 8! + (7! + \sqrt{4}) \times (3! + 1). \\
398721 &= 1^2 + ((3 + 7!) - 8!)/9 &= ((\sqrt{9})!! - 8) \times 7!/3^2 + 1. \\
413279 &= -1 - (2 - 3 \times 4) \times 7! + 9! &= 9! + 7! \times (4 \times 3 - 2) - 1. \\
413592 &= (1 - (2 - 3!!) \times 4!) \times (-5 + 9)! &= (9 - 5)! \times (4! \times (3!! - 2) + 1). \\
419328 &= \sqrt{(1 + 23)^4} \times (8 + (\sqrt{9})!!) &= ((\sqrt{9})!! + 8) \times 4! \times (3 + 21). \\
419763 &= (1 + 3!) \times 4! \times 6! + 7! + \sqrt{9} &= \sqrt{9} + 7! + 6! \times 4!^{3-1}. \\
419832 &= ((1 + 2)!^{3 \times \sqrt{4}} - 8) \times 9 &= 9 \times (-8 + (\sqrt{4} \times 3)^{(2+1)!}). \\
431879 &= (1 + 3!!) \times (-4! + 7 \times 89) &= 9! + 8! + 7 \times (4^{3!} + 1). \\
431956 &= 1 + (3 + \sqrt{4}) \times (5! \times 6! - 9) &= (\sqrt{9})!! \times (6! - 5!) - 43 - 1. \\
431965 &= (1 - 3!) \times (4 - 5! \times 6! + \sqrt{9}) &= (\sqrt{9})!! \times (6! - 5!) - 4 - 31. \\
431968 &= (1 + 3) \times (4! \times 6! - 8) + 9! &= 9! + (-8 + 6! \times 4!) \times (3 + 1). \\
431976 &= (-1 + 3!! + 4! \times 6!) \times (\sqrt{7 + 9})! &= (\sqrt{9 + 7})! \times (6! + 4! \times 3!! - 1). \\
438912 &= ((1 + 2)!^{3!} \times 4 - 8!) \times \sqrt{9} &= \sqrt{9} \times (-8! + 4 \times 3!^{(2+1)!}). \\
468719 &= -1 + (4! + 6!) \times 7/8 \times (\sqrt{9})!! &= 9! + (8! - 7!) \times 6/\sqrt{4} - 1. \\
472391 &= -1 + (-2 + 3!)! \times (-4 + 7)^9 &= \sqrt{9^7} \times 4! \times 3^2 - 1. \\
472915 &= 1 - (2 + 4! - 5!) \times (7! - 9) &= (-9 + 7!) \times (5! - 4! - 2) + 1. \\
476912 &= ((1 + 2)!! - \sqrt{4^6}) \times (7 + (\sqrt{9})!!) &= ((\sqrt{9})!! + 7) \times (6! - 4^{2+1}). \\
476913 &= 1 + (3!! - \sqrt{4^6}) \times (7 + (\sqrt{9})!!) &= ((\sqrt{9})!! + 7) \times (6! - 4^3) + 1. \\
479136 &= ((1 - 3) \times 4! + 6!) \times (-7 + (\sqrt{9})!!) &= ((\sqrt{9})!! - 76) \times 4! \times 31.
\end{aligned}$$

$$\begin{aligned}
482391 &= 12 \times (-3 + \sqrt{4})! + 8! - 9 &= ((\sqrt{9})! \times 8! - 4 - 3!!) \times 2 - 1. \\
483129 &= (1 + 2) \times (3 + 4 \times 8!) - (\sqrt{9})!! &= 9 + 8! \times 4 \times 3 - (2 + 1)!!. \\
483192 &= 12 \times (3 \times \sqrt{4} + 8!) - (\sqrt{9})!! &= \sqrt{9} \times (8! \times 4 - 3!^{2+1}). \\
483912 &= 123^{\sqrt{4}} \times 8 + 9! &= \sqrt{9} \times (8! \times 4 + 3 + 21). \\
483916 &= 1 + 3 \times 4 \times (6 + 8!) + \sqrt{9} &= \sqrt{9} \times (8! + 6) \times 4 + 3 + 1. \\
483917 &= -1 - 3! + 4 \times (7 + 8!) \times \sqrt{9} &= \sqrt{9} \times (8! + 7) \times 4 - 3! - 1. \\
483921 &= 12 \times (3 + 4 + 8!) - \sqrt{9} &= \sqrt{9} \times (8! \times 4 + 3! + 21). \\
483961 &= 13 + \sqrt{4} \times 6 \times (8! + 9) &= 9! \times 8/6 + (\sqrt{4} + 3)! + 1. \\
485291 &= -1 + (2 + \sqrt{4} \times (5! + 8!)) \times (\sqrt{9})! &= (\sqrt{9})! \times ((8! + 5!) \times \sqrt{4} + 2) - 1. \\
486719 &= -1 + (-\sqrt{4} + 678) \times (\sqrt{9})!! &= (\sqrt{9} \times 8 \times 7! + 6!) \times 4 - 1. \\
489216 &= (-12 \times 4 + 6!) \times (8 + (\sqrt{9})!!) &= ((\sqrt{9})!! + 8) \times (6! - 4! \times 2 \times 1). \\
491523 &= 1 \times 2^{3 \times 4} \times 5! + \sqrt{9} &= \sqrt{9} + 5! \times 4^{3 \times 2} \times 1. \\
492186 &= 12 \times (-4! + 6! + 8!) + (\sqrt{9})! &= (\sqrt{9})! \times ((8! + 6! - 4!) \times 2 - 1). \\
495216 &= ((1 + 2)!! + 4) \times (5! - 6) \times (\sqrt{9})! &= (\sqrt{9})! \times (-6 + 5!) \times (4 + (2 + 1)!!). \\
495361 &= 1^3 - (\sqrt{4^5} - 6!) \times (\sqrt{9})!! &= 96 \times 5! \times 43 + 1. \\
512639 &= -1 + 2 \times 356 \times (\sqrt{9})!! &= (\sqrt{9})!! \times (6! - 5 - 3) - 2 + 1. \\
513249 &= ((1 + 2)!! - 3)^{\sqrt{4}} - 5! - (\sqrt{9})!! &= -(\sqrt{9})! + (6 \times 5! - 4)^2 - 1. \\
513467 &= -1 + (3! - 4! + 5!) \times (-6 + 7!) &= (7! - 6) \times (5! - 4! + 3!) - 1. \\
514793 &= (1 + 3!!)^{\sqrt{4}} - 5 - 7! - \sqrt{9}. &= (\sqrt{9})!! - (7 - (5 - \sqrt{4})!!) \times (3!! + 1). \\
514923 &= -1 + (-2 + 3!!)^{\sqrt{4}} + 5! - (\sqrt{9})!! &= -(\sqrt{9})!! + 5! + (\sqrt{4} - 3!!)^2 - 1. \\
516239 &= 1 \times (2 + 3!!) \times (-5 + 6!) + 9 &= 9 + (6! - 5) \times (3!! + 2) \times 1. \\
516249 &= (1 + 2)!! \times (\sqrt{4} - 5 + 6!) + 9 &= 9 + 6! \times ((5 - \sqrt{4})!! - 2 - 1). \\
516923 &= -1 + ((-2 + 3!!) \times 5! - 6) \times (\sqrt{9})! &= (\sqrt{9})! \times (-6 + 5! \times (3!! - 2)) - 1. \\
516924 &= (((1 + 2)!! - \sqrt{4}) \times 5! - 6) \times (\sqrt{9})! &= (\sqrt{9})! \times (-6 + 5! \times (-\sqrt{4} + (2 + 1)!!)). \\
517439 &= -1 + 3!!^{\sqrt{4}} - 5! - 7! / (\sqrt{9})! &= (9! + 7! \times 5) \times 4/3 - 1. \\
517689 &= (1 + 5)! \times (6! + 7 - 8) + 9 &= 9 - (8 - 7 - 6!) \times (5 + 1)!. \\
517896 &= (1 + 5)! \times 6! - 7 \times 8 \times 9 &= -9 \times 8 \times 7 + 6!^{\sqrt{5-1}}. \\
518392 &= 1 + (2 \times 3)! \times (-5 + 8)!! - 9 &= -9 + (8 - 5 + 3)!^2 + 1. \\
519237 &= (1 + 2)!! \times 3!! + 5! \times 7 - \sqrt{9} &= -\sqrt{9} + 7 \times 5! + 3!!^2 \times 1. \\
519243 &= 1 + 2 + 3!!^{\sqrt{4}} + 5! + (\sqrt{9})!! &= (\sqrt{9})!! + 5! + 4 + 3!!^2 - 1. \\
519264 &= \sqrt{12^4} \times (5 \times 6! + (\sqrt{9})!) &= ((\sqrt{9})! + 6! \times 5) \times 4! \times (2 + 1)!. \\
519832 &= 1 + (2 + 3!!) \times (-5 + 8)!! - 9 &= -9 + (8 - 5)!! \times (3!! + 2) + 1. \\
519842 &= 1 \times 2 + (\sqrt{4} + (-5 + 8)!!) \times (\sqrt{9})!! &= (-\sqrt{9} + (8 - 5)!! + 4)^2 + 1. \\
521394 &= -1 + (2 + 3!!)^{\sqrt{4}} + 5! - 9 &= -9 + 5! + (\sqrt{4} + 3!!)^2 - 1. \\
521937 &= (1 + 2)!! \times (3!! + 5) - 7 \times 9 &= -9 \times 7 + (5 + 3!!) \times (2 + 1)!!. \\
521964 &= (1 + (2 + 4)! - 5) \times (6! + 9) &= \sqrt{9^6} \times (-5 + (4 + 2)! + 1). \\
521983 &= (1 + 2)!! \times (3!! + 5) - 8 - 9 &= -9 - 8 + (5 + 3!!) \times (2 + 1)!!. \\
524139 &= -1 + (-2 + 3!!) \times (\sqrt{4} \times 5 + (\sqrt{9})!!) &= ((\sqrt{9})!! + 5 \times \sqrt{4}) \times (3!! - 2) - 1. \\
524169 &= 1 + 2^{4!-5} - 6! / (\sqrt{9})! &= -(\sqrt{9})! + (6 \times 5! + 4)^2 - 1. \\
524198 &= -1 + 2^{4!-5} - 89 &= (\sqrt{9} + 8!) \times (5 + 4 \times 2) - 1. \\
524961 &= ((1 + 2 \times 4)^5 - 6!) \times 9 &= 9^6 - (5 + 4) \times (2 + 1)!!.
\end{aligned}$$

$$\begin{aligned}
526319 &= -1 + (2 \times 3!) \times (5 + 6 + (\sqrt{9})!!) &= (\sqrt{9})!! \times (6! + 5 + 3 \times 2) - 1. \\
531429 &= -12 + 3^{4+5+\sqrt{9}} &= 9 + (5 + 4)^{3!} - 21. \\
531469 &= 1 + 3^{\sqrt{4!+5!}} + \sqrt{6! + 9} &= 9^6 - 5 + \sqrt{4} + 31. \\
531496 &= 1 + (3^{\sqrt{4 \times 5}} + 6) \times 9 &= 9^6 + 5 \times (4 \times 3 - 1). \\
531964 &= 1 - (3!! + 4!) \times (5 - 6!) + \sqrt{9} &= \sqrt{9} + (6! - 5) \times (4! + 3!!) + 1. \\
532149 &= -12 + 3!! + (4 + 5)^{(\sqrt{9})!} &= 9^6 + 5 + 3!! + 2 + 1. \\
534192 &= (-2 + 3!!) \times (4 + 5!) \times (\sqrt{9})! &= (\sqrt{9})! \times (5! + 4) \times (3!! - 2 \times 1). \\
534961 &= 1 + 3!! \times (4 \times 5 + 6! + \sqrt{9}) &= (\sqrt{9})!! \times (6! + 5 \times 4 + 3) + 1. \\
539271 &= (-1 - 2 \times 3! + 5!) \times 7! - 9 &= -9 + 7! \times (53 \times 2 + 1). \\
539461 &= 1 + (3!! + 4 \times 5) \times (6! + 9) &= \sqrt{9^6} \times (5 \times 4 + 3!!) + 1. \\
541296 &= ((1 + 2)!! - 4) \times (5! + 6) \times (\sqrt{9})! &= (\sqrt{9})! \times (6 + 5!) \times (-4 + (2 + 1)!!). \\
549316 &= (-1 + 3!!) \times (4 \times (5 + 6) + (\sqrt{9})!!) &= ((\sqrt{9})!! + (6 + 5) \times 4) \times (3!! - 1). \\
549361 &= (1 - 3!!)^{\sqrt{4}} + 5 \times 6! \times 9 &= (\sqrt{9})!! \times (6 \times 5! + 43) + 1. \\
562319 &= -1 + (2^3)! + (5 + 6!) \times (\sqrt{9})!! &= (\sqrt{9})!! \times (6! + 5) + (3! + 2)! - 1. \\
562491 &= (12 + 4!) \times 5^6 - 9 &= -9 + (6! + 5!/4)^2 \times 1. \\
568791 &= (1 + 5!) \times (-6 + 7!) - 8! - \sqrt{9} &= -((\sqrt{9} + 8! - (7! - 6) \times (5! + 1))). \\
574219 &= 1 - (2 + 4 - 5!) \times (7! - \sqrt{9}) &= (-\sqrt{9} + 7!) \times (5! - 4 - 2) + 1. \\
574631 &= -1 + 3 \times 4! + (5! - 6) \times 7! &= 7! \times (-6 + 5!) + 4! \times 3 - 1. \\
589617 &= ((-1 + 5 \times 6!) \times 7 + 8!) \times 9 &= 9 \times (8! + 7 \times (6! \times 5 - 1)). \\
589671 &= (-1 + (5! + 6!) \times 78) \times 9 &= 9 \times (8! + 7 \times 6! \times 5 - 1). \\
592416 &= ((1 + 2)!! - 4! + 5!) \times (6 + (\sqrt{9})!!) &= ((\sqrt{9})! + 6!) \times (5! - 4! + (2 + 1)!!). \\
593174 &= (1 - 3!!) \times (\sqrt{4} - 5!) \times 7 - (\sqrt{9})!! &= -(\sqrt{9})!! + 7 \times (5! - \sqrt{4}) \times (3!! - 1). \\
594371 &= -1 + 3! + (-\sqrt{4} + 5!) \times (7! - \sqrt{9}) &= (-\sqrt{9} + 7!) \times (5! - \sqrt{4}) + 3! - 1. \\
594613 &= (1 - 3!!) \times (4 - 5! - 6! + 9) &= (-9 + 6! + 5! - 4) \times (3!! - 1). \\
594712 &= 1 - (2 - 4! \times 5) \times 7! - 9 &= -9 + 7! \times (5! - 4/2) + 1. \\
594713 &= -1 + 3 - (\sqrt{4} - 5!) \times 7! - 9 &= -9 + 7! \times (5! - \sqrt{4}) + 3 - 1. \\
594721 &= 1 - (2 - 4! \times 5) \times 7 \times (\sqrt{9})!! &= (\sqrt{9})!! \times 7 \times (5! - 4/2) + 1. \\
594731 &= -1 + 3 - (\sqrt{4} - 5!) \times 7! + 9 &= 9 + 7! \times (5! - \sqrt{4}) + 3 - 1. \\
597143 &= -1 + (3!! - 4) \times (5! \times 7 - (\sqrt{9})!) &= ((\sqrt{9})! - 7 \times 5!) \times (4 - 3!!) - 1. \\
597618 &= (-1 + 5!) \times (6 + 7! - 8 \times \sqrt{9}) &= (-\sqrt{9} \times 8 + 7! + 6) \times (5! - 1). \\
612359 &= 1 - 2 + (3!! + 5!) \times (6! + 9) &= \sqrt{9^6} \times (5! + (3 \times 2)!) - 1. \\
623519 &= -1 + (2 + 3 \times 5!) \times 6! + 9! &= 9! + 6! \times (5! \times 3 + 2) - 1. \\
624951 &= ((1 + 2)!! + 4!) \times (5! + 6!) - 9 &= -9 + (6! + 5!) \times (4! + (2 + 1)!!). \\
673914 &= 1 + 3!! \times \sqrt{4} \times 6! - 7 - 9! &= -9! - 7 + 6! \times \sqrt{4} \times 3!! + 1. \\
684719 &= -1 + (4 + 6 + 7) \times 8! - (\sqrt{9})!! &= -(\sqrt{9})!! + 8! \times (7 + 6 + 4) - 1. \\
691437 &= (-1 + 3!)! \times (\sqrt{4} + 6! + 7!) - \sqrt{9} &= -\sqrt{9} + (7! + 6! + \sqrt{4}) \times (3! - 1)!. \\
695871 &= (1 + 5!) \times \left( 6! + \left( \sqrt{\sqrt{\sqrt{7^8}}} \right)! - 9 \right) &= (-\sqrt{9} + 8!/7 - 6) \times (5! + 1). \\
713496 &= ((-1 + 3!)! + 4) \times (6! + 7! - (\sqrt{9})!) &= ((\sqrt{9})!! + 7! - 6) \times 4 \times 3!. \\
714239 &= -1 - 2 \times ((3 \times \sqrt{4})! + 7! - 9!) &= (\sqrt{9})!! \times (7 + 4!) \times 32 - 1.
\end{aligned}$$

$$\begin{aligned}
715439 &= -1^3 + \sqrt{4} \times (-5! - 7! + 9!) &= (9! - 7! - 5!) \times (-4 + 3!) - 1. \\
715924 &= 1 \times 2 \times (\sqrt{4} + 5! - 7! + 9!) &= (9! - 7! + 5! + \sqrt{4}) \times 2 \times 1. \\
715932 &= 1 \times 2 \times (3! + 5! - 7! + 9!) &= (9! - 7! + 5! + 3!) \times 2 \times 1. \\
716984 &= (1 - 4! \times 6 \times 7) \times (8 - (\sqrt{9})!!) &= ((\sqrt{9})!! - 8) \times (7 \times 6 \times 4! - 1). \\
721398 &= (1 + 2!) \times (-3!! - 7 + 8! \times \sqrt{9}) &= (\sqrt{9} \times 8! - 7 - 3!!) \times (2 + 1)!. \\
721439 &= -1 + 2 \times (3!! \times (4 - 7) + 9!) &= (9! - (7 - 4)!! \times 3) \times 2 - 1. \\
724319 &= -1 - 2 \times ((3 + 4)!/7 - 9!) &= (9! - 7!/(4 + 3)) \times 2 - 1. \\
725913 &= -1 + 2 \times ((3! + 5) \times 7 + 9!) &= (9! + 7 \times (5 + 3!)) \times 2 - 1. \\
726194 &= 1 \times 2 + 4! \times 6 \times (7! + \sqrt{9}) &= (\sqrt{9} + 7!) \times 6 \times 4! + 2 \times 1. \\
729135 &= (12 + 3)^5 - 7! \times (\sqrt{9})! &= ((\sqrt{9})! - (7! + 5!)/3!)^2 - 1. \\
735291 &= ((1 + 2)!! + 3) \times (5! - 7) \times 9 &= (9 + 7!/5) \times (3!! + 2 + 1). \\
742319 &= -1 + (2^{3!+4} + 7) \times (\sqrt{9})!! &= (\sqrt{9})!! \times (7 + 4^{3!+2}) - 1. \\
745921 &= 1 + 2 \times ((\sqrt{4} + 5!) + 7! + 9!) &= (9! + 7! + (5 + \sqrt{4})!) \times 2 + 1. \\
761493 &= (1 + 3! + 4! \times 6) \times (7! + \sqrt{9}) &= (\sqrt{9} + 7!) \times (6 \times 4! + 3! + 1). \\
785169 &= (1 + 5!) \times (6! - 7 + 8) \times 9 &= 9 \times (8 - 7 + 6!) \times (5! + 1). \\
816479 &= (-1 + (4 + 6)! - 7)/8 + 9! &= 9 \times (\sqrt{87 - 6})!/4 - 1. \\
829416 &= (-1 + 2 \times 4! \times 6!) \times 8 \times \sqrt{9} &= \sqrt{9} \times 8 \times (6! \times 4! \times 2 - 1). \\
829431 &= (1 + 2)! \times 3!! \times 4! \times 8 - 9 &= 9 \times (\sqrt{8^4} \times 3!! \times 2 - 1). \\
846719 &= -1 + (-4 + 67) \times 8!/\sqrt{9} &= 9! \times 8 \times 7/(6 \times 4) - 1. \\
846791 &= -1 + (4 \times 6 + 7 \times 8!) \times \sqrt{9} &= \sqrt{9} \times (8! \times 7 + 6 \times 4) - 1. \\
847391 &= -1 + 3 \times (4 + 7! \times 8!)/(\sqrt{9})!! &= \sqrt{9} \times 8! \times (7! + 4)/3!! - 1. \\
864719 &= -1 + 4! \times (6! - 7! + 8!) + (\sqrt{9})!! &= (\sqrt{9})!! + (8! - 7! + 6!) \times 4! - 1. \\
894321 &= 1^2 \times 3^{4+8} + 9! &= 9! + (84 - 3)^{2+1}. \\
912384 &= 12^3 \times (-4! \times 8 + (\sqrt{9})!!) &= (\sqrt{9} + 8) \times 4!^3 \times (2 + 1)!. \\
917284 &= 1 - (2 + 4!) \times (7! - 8!) + \sqrt{9} &= \sqrt{9} + ((8! - 7!) \times (4! + 2) + 1). \\
947513 &= -1 - 3! + (-4 + 5!) \times 7! + 9! &= 9! + 7! \times (5! - 4) - 3! - 1. \\
947521 &= 1^2 - (4 - 5!) \times 7! + 9! &= 9! + 7! \times (5! - 4) + 2 - 1. \\
953281 &= 1 + 2 \times (3!! - 58) \times (\sqrt{9})!! &= -(\sqrt{9})!! + 8! + 5! \times (3! - 2)! + 1. \\
954361 &= 1 + (3!! \times \sqrt{4} - 5!) \times (6! + \sqrt{9}) &= (\sqrt{9} + 6!) \times (-5! + \sqrt{4} \times 3!) + 1. \\
964218 &= ((1 + 2)!! + 4!) \times \sqrt{6^8} - (\sqrt{9})! &= \sqrt{(\sqrt{9})!^8} \times (6! + 4!) - (2 + 1)!. \\
967518 &= (1 - 5) \times 6 \times (7 - 8!) + (\sqrt{9})! &= (\sqrt{9})! + (8! - 7) \times 6 \times (5 - 1). \\
967814 &= -1 + 4! \times (6 + 7! \times 8) - 9 &= -9 + (8 \times 7! + 6) \times 4! - 1. \\
967815 &= (-1 + 5!) \times (6 + 7! \times 8) - 9 &= -9 + (8 \times 7! + 6) \times (5 - 1)!. \\
967841 &= -1 + 4 \times 6 \times (7 + 8!) - (\sqrt{9})! &= -(\sqrt{9})! + (8! + 7) \times 6 \times 4 - 1. \\
967851 &= (-1 + 5) \times 6 \times (7 + 8!) + \sqrt{9} &= \sqrt{9} + (8! + 7) \times 6 \times (5 - 1). \\
968471 &= -1 + 4! \times (6 \times 7 + 8! - 9) &= (-9 + 8! + 7 \times 6) \times 4! - 1. \\
984231 &= -(1 + 2)^{3!} + 4! \times (8! + (\sqrt{9})!!) &= ((\sqrt{9})!! + 8!) \times 4! - 3^{(2+1)!}. \\
985176 &= (-1 + 5!) \times (6! + 7! \times 8 + 9) &= (9 + 8 \times 7! + 6!) \times (5 - 1)!. \\
235874 &= 2 + (3^{\sqrt{4}})!/5! \times 78 &= (8! - 7!/5) \times \sqrt{4} \times 3 + 2. \\
236854 &= -2 - 3! \times (4 + 5! + 6! - 8!) &= (8! - 6! - 5! - 4) \times 3! - 2. \\
236874 &= 2 + (3! + \sqrt{4})! \times 6 - 7! - 8 &= -8 - 7! + (\sqrt{64})! \times 3! + 2.
\end{aligned}$$

$$\begin{aligned}
237568 &= -2^{3!+5} + 6^7 - 8! & &= (8 \times 7! - 6! - 5) \times 3! - 2. \\
237584 &= 2 \times (3!! - 4! \times (5! - 7!)) - 8 & &= (-8 + (7! - 5!)) \times 4! + 3!! \times 2. \\
237586 &= -2 + 3! \times (5 - 6! - 7 + 8!) & &= (8! - 7 - 6! + 5) \times 3! - 2. \\
237658 &= (-2 + 3!!) \times (-5 + 6 \times 7 \times 8) & &= (8 \times 7 \times 6 - 5) \times (3!! - 2). \\
245368 &= (-2 + 3!)!^4 - 5! \times 6! - 8 & &= -8 - 6! \times 5! + 4!^{3!-2}. \\
245638 &= -2 + 345 \times (6! - 8) & &= 8! \times 6 + (5 \times (4! + 3!!)) - 2). \\
246358 &= -2 + 3! \times (4 \times 5 + 6! + 8!) & &= (8! + 6! + 5 \times 4) \times 3! - 2. \\
247538 &= 2 - 3! \times (4! - (5! + 7!) \times 8) & &= (8 \times (7! + 5!) - 4!) \times 3! + 2. \\
247638 &= 2 \times 3!! \times 4 + 6 \times (-7 + 8!) & &= (8! - 7) \times 6 + 4 \times 3!! \times 2. \\
256384 &= ((2 \times 3! - 4)^5 - 6!) \times 8 & &= -8 \times 6 \times 5! + 4^{3^2}. \\
263584 &= 2 \times 3!! + 4^{-5+6+8} & &= 8^6 + (5 + 4 - 3)! \times 2. \\
267834 &= -(2 + 3)!^{\sqrt{4}} - 6 + 7 \times 8! & &= 8! \times 7 - 6 - (\sqrt{4} + 3)!^2. \\
273648 &= 2 \times 3! \times (4 - 6!) + 7 \times 8! & &= 8! \times 7 + 6 \times (4 - 3!!) \times 2. \\
276384 &= 2 \times 3! \times (4 \times (6! + 7!) - 8) & &= 8 \times (7! + 6! - \sqrt{4}) \times 3 \times 2. \\
276438 &= (2 \times 3!)!^{\sqrt{4}} - 6 \times (7 + 8!) & &= -(8! + 7) \times 6 + (\sqrt{4} \times 3)!^2. \\
278456 &= (2 \times 4! \times (5 + 6!) + 7) \times 8 & &= 8 \times (7 + (6! + 5) \times 4!) \times 2). \\
278635 &= -2 - 3 - 5 \times 6! + 7 \times 8! & &= 8! \times 7 - 6! \times 5 - 3 - 2. \\
283674 &= (2 \times 3!) \times \sqrt{4} - 6 + 7 \times 8! & &= 8! \times 7 - 6 + (\sqrt{4} \times 3)! \times 2. \\
283675 &= (2 \times 3!)! - 5 + 6! + 7 \times 8! & &= 8! \times 7 + 6! - 5 + (3 \times 2)!). \\
284376 &= 2 \times 3!! - 4! + 6! + 7 \times 8! & &= 8! \times 7 - 6 \times (4 - 3!!/2). \\
326584 &= (2 \times 3!^4) \times (5! + 6) - 8 & &= -8 + 6^5 \times (4! - 3) \times 2. \\
327586 &= (-2 + (3 + 5)! + 6!) \times 7 + 8! & &= -8 + 7! \times 65 - 3 \times 2. \\
342856 &= (2 + (3 \times 4 - 5)!) \times 68 & &= (8 + \sqrt{6! \times 5}) \times ((4 + 3)! + 2). \\
345628 &= 2 - 3! + 4 \times (5! \times 6! + 8) & &= 8 \times (6! \times 5! + 4 + 3)/2. \\
345826 &= (2 + 3!! \times 4) \times 5! - 6 - 8 & &= -8 - 6 + 5! \times (4 \times 3!! + 2). \\
346528 &= (2 - 3! + 4 \times 5!) \times (6! + 8) & &= (8 + 6!) \times (5! \times 4 - 3! + 2). \\
352748 &= -2 - (3! + 4) \times (5 + 7! - 8!) & &= (8! - 7! - 5) \times (4 + 3!) - 2. \\
352784 &= 2 \times ((3 + 4) \times (5 \times 7!) - 8) & &= (-8 + 7! \times 5 \times (4 + 3)) \times 2. \\
354286 &= (2 + 3 + 4)^5 \times 6 - 8 & &= -8 + 6 \times (5 + 4)^{3+2}. \\
357824 &= -2^3 + (4 + 5)! - 7! - 8 & &= -8 \times (7 + 5^4) + (3^2)!). \\
357826 &= (-2 + 3! + 5)! - 6 - 7! - 8 & &= -8 - 7! - 6 + (5 + 3! - 2)!). \\
357842 &= -2 \times 3 + (4 + 5)! - 7! + 8 & &= 8 - 7! + (5 + 4)! - 3 \times 2. \\
362758 &= -\sqrt{-2 + 3!} - 5! + (-6 + 7 + 8)! & &= (\sqrt{87 - 6})! - 5! - \sqrt{3! - 2}. \\
362784 &= (2^3 + 4) \times (6 \times 7! - 8) & &= (-8 + 7! \times 6) \times 4 \times \sqrt{3^2}. \\
362845 &= -2 + 3 + (4 + 5)! - \sqrt{\sqrt{6^8}} & &= -(8 + 6) \times 5/\sqrt{4} + (3^2)!). \\
362854 &= -2 \times 3! + (4 + 5)! - 6 - 8 & &= 8 - 6 \times 5 - 4 + (3^2)!). \\
362874 &= (2 + 3 + 4)! + 6 \times (7 - 8) & &= 8 - 7 \times (6 - 4) + (3^2)!). \\
362875 &= -2 - 3 + ((5 + 67)/8)! & &= ((\sqrt{87 - 6})! - 5) \times (3 - 2). \\
365728 &= (-2 + 3!) \times (5! \times 6! + 7! - 8) & &= (-8 + 7! + 6! \times 5!) \times (3! - 2). \\
365824 &= 2^{3!} \times (-4 + (-5 + 6!) \times 8) & &= 8^6 + 5 \times (4! \times 3!)^2. \\
375482 &= 2 + (3!! - 4 - 5!) \times 7!/8 & &= ((8! - 7) \times 5 - 4!^3) \times 2. \\
423856 &= ((2 + 3)! - \sqrt{4}) \times (5 \times 6! - 8) & &= (8 - 6! \times 5) \times (\sqrt{4} - (3 + 2)!). \\
438256 &= (2 + (3 + \sqrt{4})! \times 5) \times (6! + 8) & &= (8 + 6!) \times (5! \times (\sqrt{4} + 3) + 2).
\end{aligned}$$



$$\begin{aligned}
453682 &= -2^3 + ((\sqrt{4} \times 5)! + 6!)/8 &= -8 + (6! + (5 \times \sqrt{4})!)/(3! + 2). \\
453782 &= 2 + 3!!/4 \times (5! + \sqrt{7^8}) &= -8 + 7! + 5^4 \times (3!! - 2). \\
475286 &= 2 - \sqrt{4! + 5!} \times (6! - 7 - 8!) &= (8! + 7 - 6!) \times \sqrt{5! + 4!} + 2. \\
483562 &= 2 \times (-3! \times 4! + 5 + 6 \times 8!) &= (8! \times 6 + 5 - 4! \times 3!) \times 2. \\
483672 &= 2 \times 3! \times ((4 - 6) \times 7 + 8!) &= (8! - 7 \times (6 - 4)) \times 3! \times 2. \\
483752 &= -2^{3!} - 4! + (5 + 7) \times 8! &= (8! - 7) \times \sqrt{5! + 4!} - 3! + 2. \\
483762 &= (2^3)! \times \sqrt{4} \times 6 - 78 &= (8! - 7) \times 6 \times \sqrt{4} + 3 \times 2. \\
485762 &= 2 + \sqrt{4} \times (5! + 6 \times 7!) \times 8 &= 8 \times (7! \times 6 + 5!) \times \sqrt{4} + 2. \\
524738 &= 2 + (3!! - 4!)^{-5+7} + 8! &= 8! + 7 - 5 + (4! - 3!!)^2. \\
537824 &= (2 + 3 \times 4)^{5 \times (-7+8)} &= (8 + 7 - 5 + 4)^{3+2}. \\
564382 &= ((2^3)! - \sqrt{4} - 5) \times (6 + 8) &= (8 + 6) \times (-5 + (4!/3!) - 2). \\
564728 &= (8! \times 7 + 6 + 5! - \sqrt{4}) \times 2 &= 2 \times (-\sqrt{4} + 5! + 6 + 7 \times 8!). \\
573842 &= 2 - 3!! + (\sqrt{4} + 5!) \times 7! - 8! &= -8! + 7! \times (5! + \sqrt{4}) - 3!! + 2. \\
583724 &= 2 \times 3! + (-4 + 5!) \times (7! - 8) &= (-8 + 7!) \times (5! - 4) + 3! \times 2. \\
584632 &= ((2 \times 3)! - 4!) \times (5! + 6!) - 8 &= -8 + (6! + 5!) \times (-4! + (3 \times 2)!). \\
587324 &= (2 - 3!!) \times ((\sqrt{4} - 5!) \times 7 + 8) &= (-8 + 7 \times (5! - \sqrt{4})) \times (3!! - 2). \\
634872 &= (23 - \sqrt{4}) \times (6 \times 7! - 8) &= (-8 + 7! \times 6) \times (4! - \sqrt{3^2}). \\
635284 &= (2 + (3 + 4!)) \times (5! + 6) - 8 &= -8 + (6 + 5!) \times ((4 + 3)! + 2). \\
645238 &= -2 + (3!! + (\sqrt{4} \times 5)!)/6 + 8! &= 8! + (6! + (5 \times \sqrt{4})!)/3! - 2. \\
645872 &= 2^4 \times (5 + 6 \times 7 + 8!) &= (8! + 7 \times 6 + 5) \times 4^2. \\
654832 &= (2 + (3!! - \sqrt{4}) \times (5! - 6)) \times 8 &= 8 \times ((6 - 5!) \times (\sqrt{4} - 3!!) + 2). \\
658432 &= (-2^{3 \times 4} + 5! \times 6!) \times 8 &= 8 \times (6! \times 5! - 4^{3 \times 2}). \\
685427 &= 2 \times (4 + 5)! - 6 - 7 - 8! &= -8! - 7 - 6 + (5 + 4!) \times 2. \\
724368 &= 2 \times (-3!! + 4! + (-6 + 7 + 8)!) &= (\sqrt{87 - 6})! + (4! - 3!!) \times 2. \\
725638 &= -2 + 3 \times (-5 + 6 \times 7!) \times 8 &= 8 \times (7! \times 6 - 5) \times 3 - 2. \\
725648 &= 24 \times (-5 + 6 \times 7!) + 8 &= (-8 \times 7 + (6 + 5 - \sqrt{4})!) \times 2. \\
725684 &= 2 \times ((4 + 5)! - 6 \times 7) + 8 &= 8 - (7 \times 6 - (5 + 4)!) \times 2. \\
725843 &= 2 \times (3^{\sqrt{4}})! + 5 + 78 &= 8 + 75 + \sqrt{4} \times (3^2)!. \\
725864 &= 2 \times (4 + 5)! + (6 + 7) \times 8 &= 8 \times (7 + 6) + (5 + 4)! \times 2. \\
735824 &= 2 \times ((3 \times \sqrt{4} + 5)! + 7! - 8) &= (-8 + 7! + (54/3!)!) \times 2. \\
735842 &= 2 + (34 + 5!) \times 7! - 8! &= 8 + (7! + (5 + 4)! - 3) \times 2. \\
765284 &= 2 - (4! - 5) \times (6 \times 7 - 8!) &= (8! - 7 \times 6) \times (-5 + 4!) + 2. \\
786432 &= 2 \times 3! \times (4 \times (6 - 7))^8 &= 8^7 / (6 - \sqrt{4}) \times 3/2. \\
823547 &= 2 - 3! + (\sqrt{4} + 5)^7 + 8 &= 8 + 7^{5+\sqrt{4}} - 3! + 2. \\
846732 &= 2 \times 3! + 4 \times 6 \times (-7! + 8!) &= (8! \times 7 \times 6/4 + 3!) \times 2. \\
847562 &= 2 + 4! \times ((5 - 6!) \times 7 + 8!) &= (8! - 7 \times (6! - 5)) \times 4! + 2. \\
865432 &= (2 + (3! + 4) \times 5!) \times 6! - 8 &= -8 + 6! \times (5! \times (4 + 3!) + 2). \\
237598 &= -2 - 3 \times (5 - 7) \times (8! - (\sqrt{9})!!) &= (\sqrt{9})! \times (8! - (\sqrt{\sqrt{75 + 3!}})!!) - 2. \\
237698 &= 2 - 3! \times (6! - 7 - 8! - 9) &= (9 + 8! + 7 - 6!) \times 3! + 2. \\
243968 &= 2^{3+\sqrt{4}+6} + 8! \times (\sqrt{9})! &= (\sqrt{9})! \times 8! + 64 \times 32. \\
246398 &= -2 + ((3^{\sqrt{4}})! \times 6 + 8!)/9 &= (9! + 8!/6) \times \sqrt{4}/3 - 2. \\
246897 &= (2/\sqrt{4} + 6) \times (-7! + 8! - 9) &= (-9 + 8! - 7!) \times (6 + \sqrt{4}/2).
\end{aligned}$$

$$\begin{aligned}
246953 &= 2 + 3!! \times \sqrt{(\sqrt{4} + 5)^6} - 9 &= -9 + 6! \times (5 + \sqrt{4})^3 + 2. \\
246978 &= 24 - 6 + 7! + 8! \times (\sqrt{9})! &= (98 \times 7! + \sqrt{6^4})/2. \\
247689 &= ((2 + 4)! + 6 \times 7!) \times 8 + 9 &= 9 + 8!/7 + 6 \times (4 \times 2)!. \\
247968 &= 246 \times 7!/(8 - \sqrt{9}) &= \sqrt{9} \times (8! + 7 \times 6 \times 4!) \times 2. \\
253694 &= 2 - 3 \times (4 - 5!) \times (6! + 9) &= \sqrt{9^6} \times (5! - 4) \times 3 + 2. \\
259634 &= 2 + 3 \times 4! \times (5 \times 6! + (\sqrt{9})!) &= ((\sqrt{9})! + 6! \times 5) \times 4! \times 3 + 2. \\
259678 &= -2 + \sqrt{5 \times 6!} \times (7! + 8 - (\sqrt{9})!!) &= (-\sqrt{9})!! + 8 + 7! \times \sqrt{6! \times 5} - 2. \\
264897 &= -24 \times 6! + 7 \times (8! - 9) &= (-9 + 8!) \times 7 - 6! \times (\sqrt{4^2})!. \\
267839 &= 2 - 3 + 6 \times (7! + 8! - (\sqrt{9})!!) &= (\sqrt{9})! \times (8! + 7! - 6!) - 3 + 2. \\
267958 &= -2 + 5! + 6 \times (7! + 8! - (\sqrt{9})!!) &= (\sqrt{9})! \times (8! + 7! - 6!) + 5! - 2. \\
267984 &= (24 - 6! + 7! + 8!) \times (\sqrt{9})! &= \sqrt{9} \times (8! + 7! - 6! + 4!) \times 2. \\
269758 &= -2 - 5! \times (6! + 7 \times 8) + 9! &= 9! - (8 \times 7 + 6!) \times 5! - 2. \\
274896 &= (2 + 4)! + 6^7 - 8 \times (\sqrt{9})!! &= ((\sqrt{9})!^8 - 7! \times 6)/(4 + 2). \\
276489 &= (2 \times 4)! \times 6/7 \times 8 + 9 &= 9 + 8!/7 \times (6 + 42). \\
276498 &= 2 \times (-4 \times (6! - 7!) \times 8 + 9) &= (9 + 8!/7 \times 6 \times 4) \times 2. \\
276598 &= -2 + 5! \times (-6! - 7 + 8) + 9! &= 9! + (8 - 7 - 6!) \times 5! - 2. \\
276984 &= -\sqrt{(2 + 4)^6} + 7 \times (8! - (\sqrt{9})!!) &= (-\sqrt{9})!! + 8! \times 7 - \sqrt{6^{4+2}}. \\
278496 &= 2 \times (4 \times 6^7/8 - (\sqrt{9})!!) &= (\sqrt{9})! \times 8 \times (7! + 6! + 42). \\
279846 &= -2/\sqrt{4} + 6^7 - 89 &= (\sqrt{9})! \times (-8 - 7 + 6^{4+2}). \\
279856 &= -2^5 + 6^7 - 8 \times (\sqrt{9})! &= -(9! + 8!)/7! + 6^{5+2}. \\
279864 &= 2 \times 4 \times (6^7/8 - 9) &= (\sqrt{9!/8!})!^7 - 6 \times 4!/2. \\
283679 &= 2 - 3 + 6! + 7 \times 8! + (\sqrt{9})!! &= (\sqrt{9})!! + 8! \times 7 + 6! - 3 + 2. \\
283694 &= 2 \times (3 + 4 + 6! - 8!) + 9! &= 9! + (-8! + 6! + 4 + 3) \times 2. \\
284976 &= -(2 + 4)! + 6^7 + 8 \times (\sqrt{9})!! &= ((\sqrt{9})!^8 + 7! \times 6)/(4 + 2). \\
285796 &= -2 + 5 \times 6! + 7 \times (8! - (\sqrt{9})!) &= (-\sqrt{9})! + 8! \times 7 + 6! \times 5 - 2. \\
286497 &= (2 + 4) \times 6! + 7 \times (8! - 9) &= (-9 + 8!) \times 7 + 6 \times (4 + 2)!. \\
287496 &= (24 \times 6 - 78)^{\sqrt{9}} &= ((\sqrt{9})!! + 8!) \times 7 + \sqrt{6^{4+2}}. \\
293764 &= (2 - 3!!/4 + 6!)^{-7+9} &= (9 - 7 + 6!/4 \times 3)^2. \\
293768 &= -2 \times 3! \times (6! + 7!) + 8 + 9! &= 9! + 8 - (7! + 6!) \times 3! \times 2. \\
293864 &= 2 + (3!! \times 4! + 6) \times (8 + 9) &= (9 + 8) \times (6! \times 4! + 3!) + 2. \\
297354 &= (2^{3 \times \sqrt{4}} - 5) \times 7! - (\sqrt{9})! &= -(\sqrt{9})! + 7! \times (54 + 3 + 2). \\
326594 &= 2 + (3 \times 4 - 5) \times 6^{(\sqrt{9})!} &= 9! \times 6/(5 \times 4) \times 3 + 2. \\
326879 &= 2 - 3 - 6! + 7! - 8! + 9! &= 9! - 8! + 7! - 6! - 3 + 2. \\
327594 &= (2^{3!} - 4 + 5) \times 7! - (\sqrt{9})! &= 9! - 7 \times (5 + \sqrt{4})! - 3 \times 2. \\
327598 &= -2 - 3!! \times (57 - 8^{\sqrt{9}}) &= ((\sqrt{9})!! + 8) \times 75 \times 3! - 2. \\
327698 &= (2 - (\sqrt{36})!) \times \sqrt{\sqrt{7^8}} + 9! &= 98 + 7! \times (63 + 2). \\
327968 &= -(2 + 3! \times (6! + 7)) \times 8 + 9! &= 9! - 8 \times ((7 + 6!) \times 3! + 2). \\
327986 &= 2 - 3! \times (6! + 7) \times 8 + 9! &= 9! - 8 \times (7 + 6!) \times 3! + 2. \\
328496 &= (-2 - 3! \times (-4 + 6!)) \times 8 + 9! &= 9! + 8 \times (6 \times (4 - 3!!) - 2). \\
329476 &= (2 - 3!^4 + 6!)^{-7+9} &= (97 \times 6 - \sqrt{4^3})^2. \\
342697 &= -23 - 4 \times 6! \times 7 + 9! &= 9! - (7! + 6) \times 4 + 3 - 2. \\
342798 &= -(2^3)!/\sqrt{4} + 78 + 9! &= ((9 + 8!) \times (-7 + 4!) + 3)/2.
\end{aligned}$$

$$\begin{aligned}
342976 &= (2 - 3!) \times (-\sqrt{4^6} + 7!) + 9! &= 9! - (7! - 64) \times (3! - 2). \\
345297 &= (-2 + 3!! \times 4) \times 5! - 7 \times 9 &= -9 \times 7 + 5! \times (4 \times 3!! - 2). \\
345629 &= 23 + 4 \times 5! \times 6! + (\sqrt{9})! &= -\sqrt{9} + 6! \times 5! \times 4 + 32. \\
346952 &= -2 \times (3!! + 4) \times (5 + 6) + 9! &= 9! - (6 + 5) \times (4 + 3!!) \times 2. \\
352794 &= 2 \times ((3 + 4)! \times 5 \times 7 - \sqrt{9}) &= 9! - (7! + (5 + 4)/3) \times 2. \\
352947 &= (2 + 3 + 4^5) \times 7^{\sqrt{9}} &= \sqrt{9} \times 7^{54/3^2}. \\
352974 &= 2 \times (3 \times (4! + 5) - 7! + 9!) &= \sqrt{9} \times (7 + (5 + \sqrt{4})^{3!} + 2). \\
354296 &= 2 + 3^{4+5} \times 6 \times \sqrt{9} &= 9^6 / (5 + 4) \times 3! + 2. \\
354692 &= (-2 + 3!!) \times (4 \times \sqrt{5^6} - (\sqrt{9})!) &= 9! - 6 + (5 - 4^{3!}) \times 2. \\
354962 &= 2 - ((3 \times \sqrt{4} + 5) \times 6! - 9!) &= 9! - 6^5 - 4! \times 3! + 2. \\
356729 &= -(-2 + 3!)^5 \times 6 - 7 + 9! &= -9 \times 6! + 5 + 4! + (3^2)!. \\
357492 &= 2 \times 3! \times (-4 + 5 \times 7)^{\sqrt{9}} &= (\sqrt{9})! \times (7 \times 5 - 4)^3 \times 2. \\
357924 &= -2 \times (3 - 45) - 7! + 9! &= 9! - 7! + 5! - 4 - 32. \\
357928 &= -(-2 + 3!)! + 5! - 7! - 8 + 9! &= 9 \times 8! - 7! + 5! - 32. \\
357942 &= 2 \times (3! + 45) - 7! + 9! &= 9! - 7! + (54 - 3) \times 2. \\
359246 &= 2 - 3!^{\sqrt{4}} - 5 \times 6! + 9! &= 9! - 6! \times 5 - \sqrt{4} - 32. \\
359264 &= 2^3 - 4! - 5 \times 6! + 9! &= 9! + 6 - 5 \times (4 + 3!!) - 2. \\
359274 &= 2 \times (3!! + \sqrt{4} - 5) - 7! + 9! &= 9! - (75 \times 4! + 3) \times 2. \\
359278 &= -2 - 3!! \times (5 - 7 \times 8 \times 9) &= 9! - (8 \times 75) \times 3! + 2. \\
359426 &= 2 - 3456 + 9! &= 9! - 6!/5 \times 4 \times 3! + 2. \\
359462 &= 2 + 3!!/4 - 5 \times 6! + 9! &= 9! + (6 - 5!) \times (4! + 3!) + 2. \\
359624 &= -2^{3 \times 4} + 5! + 6! + 9! &= 9! - 6 \times 543 + 2. \\
359642 &= 2 + (3 - 4!) \times 5! - 6! + 9! &= 9! - 6! \times 5 + (4 + 3!!)/2. \\
362894 &= 2 \times 34 - (6 - 8!) \times 9 &= 9! - 8 - 6 - 4 + 32. \\
362897 &= 2 \times 36 \times 7! + 8 + 9 &= 9! + 8 - 7 + 6 \times 3 - 2. \\
362945 &= 2 + 3 + 4 + 56 + 9! &= 9! + 6 + 54 + 3 + 2. \\
362947 &= (2 + 3 - 4) \times (67 + 9!) &= 9! - 7 + (-6 + 43) \times 2. \\
362948 &= 2 \times (-34 + 68) + 9! &= 9! + 8 - 6 + 4^3 + 2. \\
362954 &= 23 + 45 + 6 + 9! &= 9! + 65 + 4 + 3 + 2. \\
362974 &= 23 + 4 + 67 + 9! &= 9! - 6/\sqrt{4} + (3^2)!. \\
362984 &= 2 + 34 + 68 + 9! &= 9! + 8 + 64 + 32. \\
364279 &= -2 + 3 \times 467 + 9! &= 9! + 7 - (6 \times 4 - 3!!) \times 2. \\
364295 &= 2 \times 3!! - 4! + 5 - 6 + 9! &= 9! - 6 + 5 - 4! + 3!! \times 2. \\
364297 &= 2 \times 3!! - 4! - 6 + 7 + 9! &= 9! - 7 + (6! - 4!)/3 \times 2. \\
364298 &= 2 \times (-3 - 4 + 6!) - 8 + 9! &= 9! - 8 + (6! - 4 - 3) \times 2. \\
364592 &= 2^3 \times (4 + 5!) + 6! + 9! &= 9! + (6! + 5!) \times \sqrt{4} + 32. \\
364892 &= (2 \times 3)! - 4 + \sqrt{6^8} + 9! &= (-9 + \sqrt{8^6}) \times 4 + (3^2)!. \\
364928 &= 2^{3+4 \times (-6+8)} + 9! &= 9 \times 8! + 64 \times 32. \\
364952 &= 2 + 345 \times 6 + 9! &= 9! + (6! - 5!/4) \times 3 + 2. \\
367298 &= 2 \times (3 \times 6! + \sqrt{\sqrt{7^8}}) + 9! &= 98 + 7! - 6! + (3^2)!. \\
367892 &= -2 \times 3 \times 6 + 7! + 8 + 9! &= 9! + 8 + 7! - 6 \times 3 \times 2. \\
367924 &= 2^3 - 4 + 6! \times 7 + 9! &= 9! + 7 \times (6! - 4) + 32. \\
367928 &= 2 + \sqrt{36} + 7! + 8! \times 9 &= (9! + 8 + 7!) \times 6/(3 \times 2). \\
367942 &= 2^3 \times \sqrt{4} + 6 + 7! + 9! &= 9! + 7! - 6 - 4 + 32.
\end{aligned}$$

$$\begin{aligned}
367982 &= 2 \times \sqrt{36} + 7! + 8 + 9! &= 9! + 8 + 7! + 6 \times 3^2. \\
368792 &= (2 \times 3! + 6! + 7) \times 8 + 9! &= 9! + (8! - 7!)/6 + 32. \\
369428 &= 2 \times 34 + (6! + 8!) \times 9 &= 9 \times (8! + 6! + 4) + 32. \\
372598 &= -2 + (3!! - 5!) \times (7!/8 - 9) &= 9! + 87 \times 5! - 3!! - 2. \\
372896 &= 2 \times (-36 + 7!) + 8 + 9! &= 9! + 8 + (7! - 6 \times 3!) \times 2. \\
372945 &= -2 - 3 + \sqrt{4} \times (-5 + 7!) + 9! &= 9! + (7! - 5) \times \sqrt{4} - 3 - 2. \\
372946 &= 2 \times (3 - 4 + 6!) \times 7 + 9! &= 9! - ((7 - (6! \times (4 + 3))) \times 2). \\
372948 &= 2 \times (3! - 4 + 7! - 8) + 9! &= 9 \times 8! + (7! - \sqrt{4} \times 3) \times 2. \\
372954 &= 2 \times (3 \times (4 - 5) + 7! + 9!) &= 9! + (7! - (5 + 4)/3) \times 2. \\
362459 &= -(2 + 3^4) \times 5 - 6 + 9! &= 9! + 6 + 5 - 432. \\
362489 &= 23 + (-46 + 8!) \times 9 &= 9! - (86 - 4! + 3!!)/2. \\
362495 &= 2 - 3 \times (4 + \sqrt{5^6}) + 9! &= 9! - (6! + 5 \times (4 + 3!))/2. \\
362498 &= 2 + 3! \times (4 - 68) + 9! &= 9 \times 8! - 64 \times 3! + 2. \\
362549 &= 2 \times 3! - \sqrt{(\sqrt{4} + 5)^6} + 9! &= 9! + 6 \times 5 - (\sqrt{4} + 3!)/2. \\
362594 &= 2 - (3 + 45) \times 6 + 9! &= 9! - 6 \times (5 + 43) + 2. \\
362749 &= -2 + 3 \times (4! - 67) + 9! &= 9! + 7 + 6 - (4 \times 3)^2. \\
362789 &= 2 - 3 - 6 \times (7 + 8) + 9! &= 9! - 87 - (6/3)^2. \\
362794 &= -23 + 4 - 67 + 9! &= 9! + 7 \times 6 - 4 \times 32. \\
362798 &= 2 - \sqrt{36} - 78 + 9! &= 9! - 8 \times 7 + 6 - 32. \\
362849 &= 23 - 46 - 8 + 9! &= 9! + 8/\sqrt{64} - 32. \\
362879 &= -(-2 + 3)^{678} + 9! &= 9! - (8 - 7)^{632}. \\
372964 &= 2 \times 3 \times 4/6 + 7! + 9! &= 9! + 7! + 6 + (4 + 3)! - 2. \\
372968 &= 2 \times (\sqrt{36})! \times 7 + 8 + 9! &= 9! + 8 - 7! \times (6 - 3! - 2). \\
372984 &= 2 \times (3 \times 4 + 7!) + 8! \times 9 &= 9! - 8 + 7! \times \sqrt{4} + 32. \\
372986 &= 2 \times ((3 + 6!) \times 7 - 8) + 9! &= 9! + 8 + (7! + 6 + 3) \times 2. \\
374952 &= (-2 + 3!!) \times 4! - 5! - 7! + 9! &= (\sqrt{9} + 7)! \times (\sqrt{5^{4 \times 3}} - 2). \\
374962 &= (-2 + \sqrt{(3 \times 4)^6}) \times 7 + 9! &= 9! + 7 \times ((6 \times \sqrt{4})^3 - 2). \\
379264 &= 2^{3^4-67} + 9! &= (\sqrt{9} + 7)^6 \times 4 + (3^2)!. \\
394562 &= 2 - 3!! + 45 \times 6! + 9! &= 9! + (6 + 5) \times 4 \times 3!! + 2. \\
396482 &= 2 - (3! + \sqrt{4})!/6 + 8! + 9! &= 9! + 8!/6 \times (\sqrt{4} + 3) + 2. \\
397426 &= 2 \times (3! \times 4 \times 6! - 7) + 9! &= 9! + (-7 + 6! \times 4 \times 3!) \times 2. \\
398726 &= 2 \times 3 + (6! \times 7! - 8!)/9 &= (\sqrt{9})! - (8! - 7! \times 6!)/3^2. \\
453962 &= 2 \times (3 + \sqrt{4} + 56)^{\sqrt{9}} &= (9 \times 6 + 5 + \sqrt{4})^3 \times 2. \\
468729 &= (24 + 6!) \times 7!/8 + 9 &= -9!/8 + (-7 + 6! + 4)^2. \\
468792 &= -2 \times 4 \times 6! + 78^{\sqrt{9}} &= (-\sqrt{9} + 8)^7 \times 6 + 42. \\
472398 &= (2 + 3^{\sqrt{4}+7} \times 8) \times \sqrt{9} &= \sqrt{9} \times ((8 \times 7 - \sqrt{4})^3 + 2). \\
472968 &= (2 + 4)! \times 6! - (7! + 8) \times 9 &= -9 \times (8 + 7!) + 6!^{4/2}. \\
476928 &= 24 \times 6^7/8 - 9! &= 9 \times (8! + (7! + 6^4) \times 2). \\
479286 &= 2 \times (4! + 6^7 - 8! + \sqrt{9}) &= -(\sqrt{9})!/8 - 7! + (6! - 4!)^2. \\
482396 &= 2 \times (-3!! + 4 + 6 \times 8! - (\sqrt{9})!) &= 9! \times 8/6 - 4 - 3!! \times 2. \\
482976 &= 2^4 \times (6 \times (7! - 8) - (\sqrt{9})!) &= (\sqrt{9})! \times (8! - 76 + 4) \times 2. \\
483729 &= 2 \times 3! \times (-\sqrt{4} - 7 + 8!) - \sqrt{9} &= (9! - 8! - 74) \times 3/2.
\end{aligned}$$

$$\begin{aligned}
483792 &= 2 \times 3 \times (4 \times 7! - 8) + 9! &= 9! + (-8 + 7! \times 4) \times 3 \times 2. \\
483926 &= 2 \times (34 + 6 \times 8! + 9) &= 9! \times 8/6 + 43 \times 2. \\
483927 &= (2^3 + 4) \times (7 + 8!) + \sqrt{9} &= \sqrt{9} \times ((8! + 7) \times 4 + 3 - 2). \\
483962 &= 2 \times (3 + 4 + 6 \times (8! + 9)) &= ((9 + 8!) \times 6 + 4 + 3) \times 2. \\
483972 &= 2 \times 3! \times (\sqrt{4} + 7! \times 8 + 9) &= \sqrt{9} \times (8! + 7 + 4) \times (3! - 2). \\
492768 &= 2 \times (4! + 6! + 7! \times 8) \times (\sqrt{9})! &= (\sqrt{9})! \times (8 \times 7! + 6! + 4!) \times 2. \\
493872 &= 2 \times (-3! \times 4 + 7! + 8! \times (\sqrt{9})!) &= 98 \times 7! - 4 \times 3! \times 2. \\
495362 &= 2 - (3 + 4! + 5 - 6!) \times (\sqrt{9})!! &= 96 \times 5! \times 43 + 2. \\
497352 &= 23 \times (4! + 5 \times (7! - (\sqrt{9})!!)) &= 9! + (7^5 + \sqrt{4}) \times (3! + 2). \\
497832 &= ((2 \times 3!)^4 + 7) \times 8 \times \sqrt{9} &= \sqrt{9} \times 8 \times (7 + (4! \times 3!)^2). \\
524963 &= 2 + (3^{\sqrt{4} \times 5} - 6!) \times 9 &= 9^6 - (5 + 4) \times 3!! + 2. \\
534962 &= 2 + 3!! \times (4 \times 5 + 6! + \sqrt{9}) &= (\sqrt{9})!! \times (6! + 5 \times 4 + 3) + 2. \\
543972 &= 2 \times 3! \times (-4! - 5 + 7! \times 9) &= (9 \times 7! - 5 - 4!) \times 3! \times 2. \\
579628 &= -2 + 5 \times (6 - 7! + 8! \times \sqrt{9}) &= (\sqrt{9} \times 8! - 7! + 6) \times 5 - 2. \\
594723 &= (2 \times (3 - 4) + 5!) \times 7! + \sqrt{9} &= \sqrt{9} - 7! \times (5 - 4^3) \times 2. \\
594732 &= 2 \times 3 - (\sqrt{4} - 5!) \times 7! + (\sqrt{9})! &= ((\sqrt{9})! + 7! \times (-5 + 4^3)) \times 2. \\
597243 &= -2 + 3!!^{\sqrt{4}} + 5^7 + (\sqrt{9})!! &= \sqrt{9} + 7! \times (5! \times \sqrt{4} - 3)/2. \\
647928 &= 2 \times (-4 + 6! - 7! + 8!) \times 9 &= 9 \times (8! - 7! + 6! - 4) \times 2. \\
647982 &= (-2 + \sqrt{4} \times (6! - 7! + 8!)) \times 9 &= 9 \times ((8! - 7! + 6!) \times \sqrt{4} - 2). \\
678952 &= (-2 + 5!) \times (6! + 7!) - 8 - (\sqrt{9})!! &= -(\sqrt{9})!! - 8 + (7! + 6!) \times (5! - 2). \\
689472 &= (2 + 4)^6 \times 7 + 8! \times 9 &= 9 \times 8! + 7 \times 6^{4+2}. \\
692758 &= -2 + 5! \times (6 + 7 + 8 \times (\sqrt{9})!!) &= ((\sqrt{9})!! \times 8 + 7 + 6) \times 5! - 2. \\
723968 &= 2 \times (3!! - 6 - 7) \times 8^{\sqrt{9}} &= (9! - 8!/(7 \times 6 + 3)) \times 2. \\
724396 &= 2 \times (-3!! - 4 + 6 \times 7 + 9!) &= (9! + (7 \times 6 - 4) - 3!!) \times 2. \\
724896 &= (2 - 4) \times (6 - 7!) \times 8 \times 9 &= 9 \times 8 \times (7! - 6) \times 4/2. \\
724968 &= 2 \times (4 - (6 - 7!) \times 8) \times 9 &= 9 \times (8 + (7! - 6) \times 4^2). \\
724986 &= 2 \times (4! - 67 + 8!) \times 9 &= 9 \times ((8! - 7 \times 6) \times \sqrt{4} - 2). \\
725394 &= 2 \times (-3 \times (4 + 57) + 9!) &= (9! - (7 + 54) \times 3) \times 2. \\
725698 &= 2 \times (-5 \times 6 + 7 - 8 + 9!) &= (9! - 8 + 7 - 6 \times 5) \times 2. \\
725849 &= (24 + 5!) \times 7! + 89 &= 9! + 87 + (5 + 4)! + 2. \\
725869 &= -2 + (-5 + 6 \times (7 + 8!)) \times \sqrt{9} &= \sqrt{9} \times ((8! + 7) \times 6 - 5) - 2. \\
725894 &= 2 \times (\sqrt{4} + 57 + 8 + 9!) &= (9! - 8 + 75) \times 4/2. \\
725896 &= 2 \times 5 + 6 \times (7 + 8!) \times \sqrt{9} &= \sqrt{9} \times (8! + 7) \times 6 + 5 \times 2. \\
725943 &= 2 \times (3^{\sqrt{4}})! + 5! + 7 \times 9 &= 9 \times 7 + 5! + \sqrt{4} \times (3^2)!. \\
725948 &= 2 \times (45 + \sqrt{\sqrt{7^8}} + 9!) &= (9! + 87 + 5 + \sqrt{4}) \times 2. \\
725968 &= 2 \times ((5!/6 - 7) \times 8 + 9!) &= (9! + 8 \times (7 + 6!/5!)) \times 2. \\
725984 &= 2 \times (4 + (5 + 7 + 8!) \times 9) &= (9! + 87 + 5^{\sqrt{4}}) \times 2. \\
726498 &= (-2 + \sqrt{4} \times (6 \times 7 + 8!)) \times 9 &= 9 \times ((8! + 7 \times 6) \times \sqrt{4} - 2). \\
726948 &= (-2 + \sqrt{4} \times (67 + 8!)) \times 9 &= 9 \times (8! + 7 \times 6 + 4!) \times 2. \\
726958 &= 2 \times (-5! + 6! + 7 - 8 + 9!) &= (9! - 8 + 7 + 6! - 5!) \times 2. \\
726984 &= 24 \times (6 \times (7! + 8) + \sqrt{9}) &= (9! + 8 \times 76 + 4) \times 2. \\
729354 &= -2 \times (3!! - (4 + 5)!) + 7! - (\sqrt{9})! &= (9! + 75 \times 4! - 3) \times 2.
\end{aligned}$$

$$\begin{aligned}
732946 &= 2 \times ((3 + \sqrt{4}) \times 6! - 7 + 9!) &= (9! - 7 + 6! \times (\sqrt{4} + 3)) \times 2. \\
732954 &= 2 \times ((3!! - \sqrt{4}) \times 5 + 7 + 9!) &= (9! + 7 - 5 \times (\sqrt{4} - 3!!)) \times 2. \\
735492 &= 2 \times (-3! \times (4! + 5) + 7! + 9!) &= (9! + 7! - (5 + 4!) \times 3!) \times 2. \\
735924 &= 2 \times (-3 + 45 + 7! + 9!) &= (9! + 7!/5! + (4 + 3)!) \times 2. \\
735942 &= 2 \times (3! + 45 + 7! + 9!) &= (9! + 7! + 54 - 3) \times 2. \\
745923 &= (-2 + (3! + 4!) \times 5) \times 7! + \sqrt{9} &= \sqrt{9} + 7! \times (5! - 4 + 32). \\
782496 &= (2 + 4!) \times 6 \times (7! - 8 \times \sqrt{9}) &= (-\sqrt{9} \times 8 + 7!) \times 6 \times (4! + 2). \\
786249 &= (2 + 4!) \times 6 \times (\sqrt{\sqrt{\sqrt{7^8}}})! + 9 &= 9!/8! + 7! \times 6 \times (4! + 2). \\
786429 &= ((2 \times 4)^6 + 7 - 8) \times \sqrt{9} &= -\sqrt{9} + 8^7 \times 6/4^2. \\
794832 &= 2 \times (-3!! - 4! - 7! + 8! + 9!) &= (9! + (8!/7 - 4) \times 3!) \times 2. \\
796284 &= 2 \times (-4! + 6 - 7! + 8! + 9!) &= (9! + 8! - 7! + 6 - 4!) \times 2. \\
823497 &= 2 + (3 + 4)^7 - 8 \times (\sqrt{9})! &= -(\sqrt{9})! \times 8 + 7^{4+3} + 2. \\
829436 &= 2 - 3! + 4! \times 6! \times 8 \times (\sqrt{9})! &= 9! + (-8 + 6^4 \times 3!!)/2. \\
829437 &= 2 \times (3^{\sqrt{4}})!/7 \times 8 - \sqrt{9} &= (9! \times 8/7 \times 4 - 3!)/2. \\
829476 &= 2 \times (\sqrt{4} + (6! + 7!) \times 8) \times 9 &= (9! \times 8/7 - 6 + 4!) \times 2. \\
829764 &= (-2 + (4! \times 6! + 7) \times 8) \times (\sqrt{9})! &= (\sqrt{9})! \times (8 \times (7 + 6! \times 4!) - 2). \\
846729 &= (2 \times 4)! \times (6 + 7 + 8) + 9 &= 9 + 8! \times (76/4 + 2). \\
846792 &= 24 \times (-6 - 7! + 8! + 9) &= 9 \times (8! \times 7/6 + 4) \times 2. \\
847296 &= -24 \times (6 + 7! - 8!) + (\sqrt{9})!! &= 9! + (87 \times \sqrt{64})^2. \\
876952 &= (2 \times 5! + 6) \times 7! - 8 - 9! &= -9! - 8 + 7! \times (6 + 5! \times 2). \\
927348 &= 2 \times (-3 \times \sqrt{4} + 7 \times 8!) + 9! &= 9! + (8! \times 7 - \sqrt{4} \times 3) \times 2. \\
927354 &= 2 \times (-3 + 4 \times 5 \times 7! + 9!) &= (9! + 7! \times 5 \times 4 - 3) \times 2. \\
937542 &= 2 \times 3! \times (\sqrt{4} + 5^7 + 9) &= (\sqrt{9})! \times (7 + 5^{4+3} \times 2). \\
938426 &= (-2 + 3!!) \times (\sqrt{4} + \sqrt{6^8} + 9) &= (\sqrt{9} + 8 + 6^4) \times (3!! - 2). \\
947523 &= (2 \times 34 + 5!) \times 7! + \sqrt{9} &= 9! + 7! \times (5! - 4) + \sqrt{3^2}. \\
947532 &= 2 \times 3! + (-4 + 5!) \times 7! + 9! &= 9! + 7! \times (5! - 4) + 3! \times 2. \\
967248 &= 24 \times (-6 + 7!) \times 8 + (\sqrt{9})!! &= (\sqrt{9})!! + 8 \times (7! - 6) \times (\sqrt{4^2})!. \\
967824 &= 24 \times (6 + (7 - 8 + 9)!) &= (9 + 8 + 7) \times (6 + (4 \times 2)!). \\
967842 &= 2 \times (\sqrt{4} \times 6 \times (7 + 8!) - \sqrt{9}) &= \sqrt{9} \times ((8! + 7) \times \sqrt{64} - 2). \\
968472 &= 24 \times (6 \times 7 + 8! - 9) &= (-9 + 8! + 7 \times 6) \times (\sqrt{4^2})!. \\
973824 &= 2^{3!} \times (4! + 7! + 8) \times \sqrt{9} &= (\sqrt{9})! \times (8 + 7! + 4!) \times 32. \\
349857 &= (-3 \times 4 \times 5! - 7 + 8!) \times 9 &= 9!/8! \times (-7 + 54 \times 3!!). \\
356987 &= -(3 + 5! + 6!) \times 7 + 8 + 9! &= 9! + 8 - 7 \times (6! + 5! + 3). \\
357849 &= 3 \times 4 + 5 - 7! - 8 + 9! &= 9 \times 8! - 7! + 54/3!. \\
357869 &= 35 - 6 - 7! + 8! \times 9 &= 9! + 8 - 7! + 6 + 5 \times 3. \\
357894 &= 3! \times (4 + 5) - 7! + 8! \times 9 &= -9 - 8 + (75 - 4)^3. \\
357896 &= (3 + 5 - 6!) \times 7 + 8! \times 9 &= 9! + 8 - 7! + 6 \times (5 + 3). \\
359478 &= -3^4 \times (5! - 78) + 9! &= \sqrt{9} \times (8! - 7 \times 54) \times 3. \\
359487 &= 3!! - (457 - 8!) \times 9 &= 9! + 87 + 5 \times (4! - 3!!). \\
359748 &= (3 \times (4 - 5!) + 7! \times 8) \times 9 &= 9! - 87 \times (5!/4 + 3!). \\
364897 &= 3!^4 + 6! - 7 + 8 + 9! &= 9! + 8 - 7 + 6^4 + 3!!!. \\
367859 &= 3 - 56 + 7! - 8 + 9! &= 9! - 8 + 7 \times 6! - 53.
\end{aligned}$$

$$\begin{aligned}
367894 &= -34 + 6! \times 7 + 8 + 9! &= 9! - 8 + 7! - 6 - 4 \times 3. \\
367895 &= -3 - 5 \times 6 + 7! + 8 + 9! &= 9! + 8 + 7! - 6 \times 5 - 3. \\
367948 &= 34 - 6 + 7! + 8! \times 9 &= 9! + (8 - 7 + 6) \times (4 + 3!!). \\
367958 &= 3 + (5 + 6!) \times 7 + 8! \times 9 &= 9 \times 8! + 7 \times (6! + 5) + 3. \\
367984 &= 3 \times 4 \times 6 + 7! - 8 + 9! &= \sqrt{9} \times (8! - 7!) + 64^3. \\
368579 &= 3 - 5! + (6! + 7) \times 8 + 9! &= 9! - 8 + 7! + 6! - 53. \\
368795 &= 35 \times \sqrt{\sqrt{(6+7)^8}} + 9! &= 9 \times 8! + 7 \times (6! + 5^3). \\
374968 &= \sqrt{(3 \times 4)^6} \times 7 - 8 + 9! &= 9! - 8 + 7 \times (6 \times \sqrt{4})^3. \\
375698 &= 3!^5 - 6 + 7! + 8 + 9! &= 9! + 8 + 7! + 6^5 - 3!. \\
376984 &= (3!^4 + 6!) \times 7 - 8 + 9! &= 9! - 8 + 7 \times (6^4 + 3!!). \\
378496 &= 3 \times (4! + 6!) \times 7 - 8 + 9! &= 9! - 8 + 7 \times (6! + 4!) \times 3. \\
387496 &= (3!! + 4) \times (6 \times 7 - 8) + 9! &= 9! + (-8 + 7 \times 6) \times (4 + 3!!). \\
389475 &= (3!! \times 4 + 5) \times (7 + 8) \times 9 &= 9 \times (8! + 75 + 4 \times 3!!). \\
438976 &= (3^4 - 6 - 7 + 8)^{\sqrt{9}} &= (-9 + 87 - 6 + 4)^3. \\
483976 &= 3! \times 4 \times (6 + 7!) - 8 + 9! &= 9! - 8 + (7! + 6) \times 4 \times 3!. \\
578936 &= (\sqrt{(3! \times 5)^6} + 7) \times 8 + 9! &= 9! + 8 \times (7 + (6 \times 5)^3). \\
673985 &= ((-3 + 5!) \times 6! + 7) \times 8 + 9 &= 9 + 8 \times (7 + 6! \times (5! - 3)). \\
846739 &= -3 + 4 + (6 + 7 \times 8!) \times \sqrt{9} &= \sqrt{9} \times (8! \times 7 + 6) + 4 - 3. \\
857369 &= -3! + (5 + 6 \times (7 + 8))^{\sqrt{9}} &= -(\sqrt{9})! + ((8 + 7) \times 6 + 5)^3. \\
937458 &= 3 \times (4 \times 5^7 - 8 - (\sqrt{9})!) &= \sqrt{9} \times (8! + 7! \times 54 + 3!). \\
968753 &= 3 + 5^6 \times (7 \times 8 + (\sqrt{9})!) &= \sqrt{9} + (8 \times 7 + 6) \times 5^{3!}.
\end{aligned}$$

#### 4.6. Seven Digits.

$$\begin{aligned}
1572384 &= (-12 + (34 + 5) \times 7!) \times 8 &= (8! + 7! \times 5 - 4) \times (3 + 21). \\
1572864 &= 12 \times 4^{\sqrt{56-7}} \times 8 &= 8^7 / ((6 - 5) \times 4) \times (2 + 1). \\
3628715 &= -1 + (2 + 3 + 5)! - 6 - 78 &= -8 - 76 + (5 + 3 + 2)! - 1. \\
3628741 &= 1 \times (2 \times 3 + 4)! - 67 + 8 &= 8 + 7! \times 6! - 4 - 3 \times 21. \\
6531842 &= 1 \times 2 - 3 \times (\sqrt{4} - 56) \times 8! &= 8 - 6 + (5 + 4)! \times (-3 + 21). \\
1257984 &= 1 \times 2457 \times 8^{\sqrt{9}} &= (9 + 87 - 5) \times 4!^{2+1}. \\
1349568 &= (-1 + (3 + \sqrt{4})^5) \times 6 \times 8 \times 9 &= 9 \times 8 \times 6 \times (5^{\sqrt{4}+3} - 1). \\
1382967 &= (-1 + 2^{\sqrt{36}} \times \sqrt{78}) \times 9 &= 9 \times ((8 \times 7^{6/3})^2 - 1). \\
1382976 &= 1 \times 2^{\sqrt{36}} \times \sqrt{78} \times 9 &= 9 \times (8 \times 7^{6/3})^2 \times 1. \\
1386729 &= (1 + 2)!! \times 3 \times (6! - 78) + 9 &= 9! / 8! + (7! - 6!) \times 321. \\
1398276 &= ((1 + 2)!! + 3!) \times (6! - 78) \times \sqrt{9} &= ((\sqrt{\sqrt{(\sqrt{9})!^8}} + 7! - 6!) \times 321). \\
1492358 &= (1 + 2 + 34) \times (5 + 8! + 9) &= (9 + 8! + 5) \times (4 + 32 + 1). \\
1539648 &= (13 + 4 \times 5) \times (\sqrt{\sqrt{6^8}})^{\sqrt{9}} &= (\sqrt{9} + 8) \times 6^{5+\sqrt{4}} / (3 - 1). \\
1562498 &= -1 \times 2 + 4 \times 5^{(-6+8)^{\sqrt{9}}} &= -\sqrt{9} + ((8 - 6) \times 5^4)^2 + 1. \\
1572489 &= (1^2 + 45 - 7) \times 8! + 9 &= 9 - 8! \times (7 - 5 - 42 + 1). \\
1574639 &= -1 + 3^{\sqrt{-4+5!-67}} \times (\sqrt{9})!! &= (9 + 7 - 6) \times 54^3 - 1.
\end{aligned}$$

$$\begin{aligned}
1594326 &= 12 + 3 \times (4 + 5)^6 - 9 & &= (9^6 + (5 - 4)^3) \times (2 + 1). \\
1594327 &= 12/3 + (4 + 5)^7/\sqrt{9} & &= (9^7 + 5 + 4 + 3)/(2 + 1). \\
1594328 &= (-1 + 2 + 3^{4 \times 5 - 8}) \times \sqrt{9} & &= \sqrt{9} \times ((85 - 4)^3 + 2) - 1. \\
1594362 &= 12 + 3 \times ((4 + 5)^6 + 9) & &= (9^6 + 5 \times 4) \times 3 - 21. \\
1678392 &= ((1^2 + 36) \times 7! + 8) \times 9 & &= 9 \times (8 + 7! \times (6 + 32 - 1)). \\
1679528 &= 1 + (-2 + 5)! \times 6^7 - 89 & &= -\sqrt{\sqrt{9^8}} - 7 + 6^{5+2+1}. \\
1679532 &= \sqrt{12 \times 3} \times (-5 + 6^7 - 9) & &= -9 \times 7 + 6^{5+3} - 21. \\
1679538 &= (-1 + 3) \times (-5 + 6^7 - 8) \times \sqrt{9} & &= 9 - 87 + 6^{5+3} \times 1. \\
1679584 &= -1 \times \sqrt{4^5} + 6^{7-8+9} & &= (\sqrt{9})!^8 + \sqrt{76 + 5} - 41. \\
1693428 &= -12 + \sqrt{3 + 46} \times 8! \times (\sqrt{9})! & &= 9 + 8! \times 6 \times (4 + 3) - 21. \\
1753928 &= 12 \times 35 \times 7! + 8 - 9! & &= 9 + (87 \times (5 + 3)!)/2 - 1. \\
1854729 &= (1 - 24) \times (5 - 7) \times 8! + 9 & &= 9 - 8! \times (7 - 54 + 2 - 1). \\
2136957 &= 1 \times (2^3)! \times (5! - 67) - \sqrt{9} & &= (9 - 7 + 6)! \times 53 - 2 - 1. \\
2176839 &= (1 + 2)^3 - 6 \times (78 - 9!) & &= 9 \times (8! - 7) \times 6 - 3 \times 21. \\
2176983 &= (12 - 3 - 6 \times (7 - 8!)) \times 9 & &= 9 \times (8 \times 7! \times 6 - 32 - 1). \\
2358719 &= -1 + (2 \times 3! - 5)! \times 78 \times (\sqrt{9})! & &= -9! + 8! + (7! \times 532 - 1). \\
2371495 &= (1^2 + 34) \times 5^7 - 9! & &= -9! + 7 \times 5^{\sqrt{43+21}}. \\
2418659 &= 1 - 2 + (4 + 56) \times (8! - 9) & &= (9! + 8!) \times 6 - 542 + 1. \\
2781459 &= ((1 + 2) \times 4 + 57) \times (8! - 9) & &= (-9 + 8!) \times (75 - (4! - 21)!). \\
2839714 &= 1 \times 2 \times (3 + \sqrt{4} \times 7)^{8-\sqrt{9}} & &= (9 + 8)^{7-\sqrt{4}} \times (3 - 2 + 1). \\
2947681 &= 1 + (-2 + 4^6) \times \left( \sqrt{\sqrt{78 + \sqrt{9}}} \right)!! = 9! + 8! \times 64 + 321. \\
3124985 &= -1 \times 2 \times (3 - 4 \times 5^8) - 9 & &= 9 + 8 \times (5^{\sqrt{43}} - 2 - 1). \\
3145729 &= 1 + 2 \times 3 \times \sqrt{4^{57/\sqrt{9}}} & &= (9 - 7)^{5 \times 4} \times 3 + 2 - 1. \\
3184569 &= ((13 + 4) \times 5 - 6) \times (8! - 9) & &= (9 - 8!) \times (6 - 54 - 31). \\
3294175 &= 12/3 \times (\sqrt{4} + 5)^7 + \sqrt{9} & &= \sqrt{9} + 7^{5+\sqrt{4}} \times (3 + 2 - 1). \\
3628719 &= (12/3 + 6)! - 78 - \sqrt{9} & &= (9! - 8) \times (7 \times 6 - 32) - 1. \\
3628791 &= 1 \times (23 + 67) \times 8! - 9 & &= 9 \times (8! \times (7 \times 6 - 32) - 1). \\
3629145 &= 1 \times (2 \times 3 + 4)! + 5 \times 69 & &= (9 + 6 - 5)! + 4! + 321. \\
3629571 &= 1 + 2 \times (3!! - 5 \times (67 - 9!)) & &= (\sqrt{9})! + 765 + (3^2 + 1)!. \\
3674159 &= -1 + (3 \times \sqrt{4})! \times 567 \times 9 & &= 9 \times (76 + 5) \times (4 + 3)! - 1. \\
3796415 &= -1 + ((3 + 4 + 5) \times (6 + 7))^{\sqrt{9}} & &= ((-\sqrt{9} + 76 + 5) \times \sqrt{4})^3 - 1. \\
3796418 &= -1 + 3 + ((-4 + 6) \times 78)^{\sqrt{9}} & &= \sqrt{9} + 8 \times (76 + \sqrt{4})^3 - 1. \\
3871296 &= 1 \times ((2^3)! + 6) \times (7 + 89) & &= (9 + 87) \times (6 + (3^2 - 1)!). \\
4718592 &= 1 \times 2^{4 \times 5 + 7 - 8} \times 9 & &= 9 \times 8^{7-5+4} \times 2 \times 1. \\
4782951 &= 1 - 2 + (4 + 5)^7 - 8 - 9 & &= 9 \times ((8 - 7 \times 5)^4 - 2) \times 1. \\
4921875 &= (1 + 2 + 4) \times 5^{\sqrt{\sqrt{\sqrt{78}}}} \times 9 & &= (\sqrt{9} - 8)^7 \times (-5 + \sqrt{4}) \times 21. \\
4962318 &= 123 \times (4 \times 6 + 8!) + (\sqrt{9})! & &= 9 \times (86 - 4)^3 + (2 + 1)!. \\
5314692 &= (1 + 2) \times (3 \times \sqrt{4} + 5)^6 + 9 & &= 9 + ((6 + 5)^{\sqrt{4}})^3 \times (2 + 1). \\
6291435 &= (-1 + 2^{3 \times (\sqrt{4} + 5)} - 6) \times \sqrt{9} & &= 9 - 6 \times (5 - 4^{3^2+1}).
\end{aligned}$$



$$\begin{aligned}
6291457 &= 1 + 24 \times (5 + 6 - 7)^9 &= (\sqrt{9} + 7 + 6)^5 \times (4 + 2) + 1. \\
6291458 &= 1 + 2^{4 \times 5} \times 6 - 8 + 9 &= \sqrt{9} \times 8^{6+5-4} + 2 \times 1. \\
6291478 &= -1 \times 2 + ((\sqrt{4} + 6)^7 + 8) \times \sqrt{9} &= \sqrt{9} \times (8^7 + \sqrt{64}) - 2 \times 1. \\
6291483 &= (1 + 2^{-3+4 \times 6} + 8) \times \sqrt{9} &= (9 + 8 \times 64^3) \times (2 + 1). \\
6291487 &= 1 + ((2 + (\sqrt{4} + 6)^7 + 8) \times \sqrt{9}) &= \sqrt{9} \times 8^7 + (64/2 - 1). \\
6718295 &= -1 - (2 + 5 - 6^7) \times 8 \times \sqrt{9} &= \sqrt{9} \times 8 \times (-7 + 6^{5+2}) - 1. \\
6894721 &= 1 + (24 - 6 - 7 + 8) \times 9! &= 9 \times 8! \times 76/4 + 2 - 1. \\
7592831 &= -1 + 2 \times (3 + 5) \times 78^{\sqrt{9}} &= (\sqrt{\sqrt{9^8} + 75})^3 \times 2 - 1. \\
7892416 &= (12 + \sqrt{4})^6 + (\sqrt{78 + \sqrt{9}})! &= (98/7)^6 + (4 \times 2 + 1)!. \\
9437185 &= 1 + (3 \times 4^5)^{7-8+\sqrt{9}} &= 9 \times 8^7 / (-5 + 4 + 3) + 1. \\
2379456 &= (-2 \times (3 \times \sqrt{4})^5 + 6^7) \times 9 &= \sqrt{9^7} \times (6 \times 5 + 4) \times 32. \\
3265897 &= -23 + ((5 + 67)/8)! \times 9 &= 9 + 8! \times (76 + 5) - 32. \\
3265984 &= 2 - 3! + (\sqrt{4} \times 5)! + 68 - 9! &= 9! \times \sqrt{86 - 5} + \sqrt{4} \times 32. \\
3627954 &= 234 + 5! \times (6 \times 7! - 9) &= ((9! - 76) \times 5 - 43) \times 2. \\
3628794 &= (234/(6 + 7) - 8)! - (\sqrt{9})! &= (\sqrt{9} + 87) \times (\sqrt{64})! - 3 \times 2. \\
3628795 &= (2 + 3 + 5)! + 67 - 8 \times 9 &= (9 + (8 - 7)^{65})! - 3 - 2. \\
3628945 &= (2 \times 3 + 4)! + 56 + 89 &= -(\sqrt{9})!! + 865 + (4 \times 3 - 2)!. \\
3629487 &= (2 \times 3 + 4)! + 678 + 9 &= 98 \times 7 + (6 + 4)! + 3 - 2. \\
3629574 &= 2 \times (3!! + \sqrt{4} + 5 \times (-67 + 9!)) &= 9 + 765 + (4 \times 3 - 2)!. \\
3749826 &= -23 + (4! + 6!) \times 7! + 89 &= 98 + 7! \times (6! + 4!) - 32. \\
3956274 &= (2 + 3 + 4)^5 \times 67 - 9 &= ((\sqrt{9})! - 7!) \times (654 - 3!! \times 2). \\
4782935 &= -23 + (4 + 5)^7 - 8 - \sqrt{9} &= \sqrt{\sqrt{\sqrt{9^{8 \times 7}}} - (5 \times 4 - 3) \times 2}. \\
4782953 &= 2^3 + (4 + 5)^7 - 8 \times \sqrt{9} &= (\sqrt{9^{8+7}} - 54)/3 + 2. \\
4782956 &= -2 + (-\sqrt{4} + 5 + 6)^7 - 8 - \sqrt{9} &= 9^{8-7+6} - 5 - 4 \times 2. \\
4782963 &= -2 \times 3 + (-4 + 6 + 7)^8/9 &= 9^8/(7 + 6 - 4) - 3 \times 2. \\
8365429 &= 2 + (3 \times 45 + 68)^{\sqrt{9}} &= (-9 + (8 \times 6 + 5) \times 4)^3 + 2. \\
9253764 &= ((2^{3^{\sqrt{4}}} - 5) \times 6)^{-7+9} &= (9 \times (\sqrt{7^6} - 5))^{(4-3) \times 2}. \\
9436752 &= (2 + 3! \times 4) \times (5 + 67 + 9!) &= ((\sqrt{9})! \times 7! + 6) \times (-5! + 432).
\end{aligned}$$

#### 4.7. Eight Digits.

$$31457289 = (12 + 3) \times 4^{5+7}/8 + 9 = 9 + 8^7 \times (54/3 - 2 - 1).$$

### 5. DIGITS IN INCREASING ORDER AND DECREASING ORDER

Above we have seen *selfie numbers* in increasing and decreasing orders jointly. In sections 2 and 3 also seen *symmetrical selfies*. Here below are *selfie numbers* represented in increasing and decreasing orders of digits separately. Decreasing order ending in 0 are written separately. The results are separated in subsections according to number of digits. In case of consecutive digits the results are already done in Taneja [16]. In case of eight digits (subsection 5.7), the results are without factorial operation. This is due to the memory problem in script. Still, we don't have result with nine or ten digits ending in zero. These results shall be dealt elsewhere.

### 5.1. Two Digits

Here, there are only two numbers, 64 and 25. Other numbers in case two digits, such as 24, 36 and 71 are already appearing section 3.1.

- **Increasing order**

$$64 = \sqrt{4^6}.$$

- **Decreasing order**

$$25 = 5^2.$$

### 5.2. Three Digits

- **Increasing order**

$$127 = -1 + 2^7.$$

$$719 = -1^7 + (\sqrt{9})!!.$$

$$736 = 3^6 + 7.$$

$$798 = 78 + (\sqrt{9})!!.$$

$$864 = 4! \times \sqrt{\sqrt{6^8}}.$$

- **Decreasing order**

$$125 = 5^{2+1}.$$

$$126 = 6 \times 21.$$

$$289 = (9 + 8)^2.$$

$$324 = (4! - 3!)^2.$$

$$384 = \sqrt{8^4} \times 3!.$$

$$120 = ((2 + 1)! - 0!)!.$$

$$360 = 6!/(3 - 0!).$$

$$720 = (7 - 2 + 0!)!.$$

$$790 = (\sqrt{9})!! + 70.$$

### 5.3. Four Digits

- **Increasing order**

$$1534 = -13 \times (\sqrt{4} - 5!).$$

$$1679 = 1 + (-6 + 7!)/\sqrt{9}.$$

$$2187 = (1 + 2)\sqrt{\sqrt{\sqrt{7^8}}}.$$

$$2196 = (12 + 6!) \times \sqrt{9}.$$

$$2378 = -23 + \sqrt{7^8}.$$

$$2753 = 23 \times 5! - 7.$$

$$3564 = -3!^{\sqrt{4}} + 5 \times 6!.$$

$$3742 = -2 - 3!^4 + 7!.$$

$$3786 = 3! + 6 \times 7!/8.$$

$$3789 = 3! \times 7!/8 + 9.$$

$$3891 = (1 + \sqrt{3!^8}) \times \sqrt{9}.$$

$$4215 = -1 + \sqrt{2^{4!}} + 5!.$$

$$4536 = 3^4 \times 56.$$

$$4598 = -\sqrt{4} + 5! + 8!/9.$$

$$4896 = 4! \times 68 \times \sqrt{9}.$$

$$4913 = (13 + 4)^{\sqrt{9}}.$$

$$5376 = 3! \times 56 + 7!.$$

$$5782 = (-2 + 5!) \times \sqrt{\sqrt{7^8}}.$$

$$5792 = 2^5 + 7! + (\sqrt{9})!!.$$

$$6145 = 1 + 4^5 \times 6.$$

$$6435 = \sqrt{3^4} \times (-5 + 6!).$$

$$6473 = \sqrt{3^4} \times 6! - 7.$$

$$6859 = (5 + 6 + 8)^{\sqrt{9}}.$$

$$8397 = -3 - 7! + 8!/ \sqrt{9}.$$

$$8974 = \sqrt{4} \times (7 + 8!/9).$$

$$9375 = 3 \times \sqrt{5^{7+\sqrt{9}}}.$$

$$9865 = 5^6 - 8 \times (\sqrt{9})!!.$$

$$1298 = \sqrt{(\sqrt{9})!^8} + 2 \times 1.$$

$$1345 = 5^4 + 3!! \times 1.$$

$$1359 = 9 \times (5! + 3!).$$

$$1395 = 9 \times 5 \times 3!.$$

$$1593 = \sqrt{9} \times 531.$$

$$1673 = 7 \times (6!/3 - 1).$$

$$1764 = \sqrt{(7 \times 6)^4} \times 1.$$

$$1827 = 87 \times 21.$$

$$1945 = (\sqrt{9})!^5/4 + 1.$$

$$2139 = (\sqrt{9})!! \times 3 - 21.$$

$$2437 = 7^4 + 3!^2.$$

$$2496 = 96 \times (4! + 2).$$

$$2547 = (7! + 54)/2.$$

$$2736 = 76 \times 3!^2.$$

$$2876 = (-8 + 7! + 6!)/2.$$

$$2916 = (9 \times 6)^2 \times 1.$$

$$3529 = (\sqrt{9})!! + 53^2.$$

$$3864 = (-8 + 6^4) \times 3.$$

$$3894 = (\sqrt{(\sqrt{9})!^8} + \sqrt{4}) \times 3.$$

$$4375 = 7 \times \sqrt{5^{4!/3}}.$$

$$4973 = -\sqrt{9} + 7! - 4^3.$$

$$5748 = 8!/7 - \sqrt{5! + 4!}.$$

$$6291 = 9 \times (6! - 21).$$

$$6478 = 8!/7 + 6! - \sqrt{4}.$$

$$6492 = 9 \times 6! + 4!/2.$$

$$9216 = 96^2 \times 1.$$

$$9648 = -(\sqrt{9})!! + 8 \times 6^4.$$

$$9826 = \sqrt{(9 + 8)^6} \times 2.$$

- **Decreasing order**

$$1294 = (\sqrt{9})!^4 - 2 \times 1.$$

$$1024 = (4/2)^{10}.$$

$$1260 = 6 \times 210.$$

$$1430 = \sqrt{4} \times 3!! - 10.$$

$$\begin{aligned}
1680 &= 8!/(-6 + 10)!. \\
2048 &= 8^4/2 \times 0!. \\
2160 &= 6! \times (2 + 1) \times 0!. \\
2304 &= 4!^3/(2 + 0)!. \\
2407 &= 7^4 + (2 + 0)!. \\
2907 &= \sqrt{9^7} + (2 + 0)!!!. \\
3540 &= (5! - \sqrt{4}) \times 30. \\
3590 &= -9 + 5 \times 3!! - 0!. \\
3601 &= 6! \times (3! - 1) + 0!. \\
3604 &= 6! + 4 \times (3!! + 0!). \\
3605 &= 6 + 5 \times 3!! - 0!. \\
3840 &= 8 \times 4 \times (3! - 0)!. \\
4089 &= -(\sqrt{9})! + 8^4 - 0!. \\
4093 &= -\sqrt{9} + 4^3! \times 0!. \\
4095 &= (\sqrt{9} + 5)^4 - 0!. \\
4097 &= \sqrt{(9 - 7)^{4!}} + 0!. \\
4098 &= \sqrt{9} + 8^4 - 0!. \\
4309 &= ((\sqrt{9})!! - \sqrt{4}) \times 3! + 0!. \\
4320 &= (\sqrt{4} \times 3)! \times (2 + 0)!. \\
4560 &= (-6 + 5!) \times 40.
\end{aligned}$$

$$\begin{aligned}
4760 &= 7 \times (6! - 40). \\
5017 &= 7! - (5 - 1)! + 0!. \\
5034 &= -5 + (4 + 3)! + 0!. \\
5037 &= 7! - 5 + 3 - 0!. \\
5039 &= (9 - 5 + 3)! - 0!. \\
5046 &= 6 + (5 + \sqrt{4})! \times 0!. \\
5047 &= 7! + 5 + \sqrt{4} \times 0!. \\
5076 &= 7 \times (6! + 5) + 0!. \\
5120 &= 5 \times 2^{10}. \\
5170 &= 7! + 5! + 10. \\
5760 &= 7! + 6 \times 5! + 0. \\
6048 &= 8! \times 6/40. \\
6480 &= 8 \times 6! + (4 - 0)!!!. \\
6840 &= 8!/6 + (4 + 0)!. \\
7130 &= (-7 + 3!!) \times 10. \\
7560 &= 7! \times 6/(5 - 0!). \\
7920 &= (\sqrt{9})!! \times (\sqrt{7 - 2})! + 0!). \\
8059 &= -(\sqrt{9})! + 8!/5 + 0!. \\
8064 &= 8!/(6 - (4 \times 0)!). \\
9025 &= 95^2 \times 0!. \\
9360 &= (\sqrt{9})!! \times (6 + 3! + 0!).
\end{aligned}$$

#### 5.4. Five Digits

- **Increasing order**

$$\begin{aligned}
13452 &= (-12 + 3!!) \times (4! - 5). \\
13489 &= (1 + 3!)^{\sqrt{4}} + 8!/\sqrt{9}. \\
13687 &= 1 - 3!! + 6 \times \sqrt{7^8}. \\
13768 &= \sqrt{(1 + 3)!^6} - 7 \times 8. \\
13825 &= 1 + (-2 + 3!)!^{-5+8}. \\
13896 &= \sqrt{(1 + 3)!^6} + 8 \times 9. \\
14256 &= (1 + 2)!^4 \times (5 + 6). \\
14359 &= -1 + (3!! - \sqrt{4}) \times 5!/( \sqrt{9})!. \\
14365 &= -(1 + 3!)! / 4 + 5^6. \\
14379 &= \sqrt{(-1 + 3!)!^4} - 7 \times \sqrt{9}. \\
14386 &= \sqrt{(-1 + 3!)!^4} - 6 - 8;. \\
14389 &= (-1 + 3!)!^{\sqrt{4}} - 8 - \sqrt{9}. \\
14689 &= 1 + 4! \times 68 \times 9. \\
15432 &= 12 \times 3!^4 - 5!. \\
15496 &= -(1 + 4)! + 5^6 - 9. \\
15623 &= 1^2 - 3 + 5^6. \\
15628 &= 1 + 2 + 5\sqrt{\sqrt{6^8}}. \\
15629 &= 1 + \sqrt{25^6} + \sqrt{9}. \\
15634 &= 13 - 4 + 5^6. \\
15642 &= 1 + 2^4 + 5^6. \\
15643 &= -1 \times 3! + 4! + 5^6. \\
15648 &= -1 + 4! + 5\sqrt{\sqrt{6^8}}. \\
15649 &= 1 \times 4! + 5^{(-6+9)!}. \\
15698 &= 1 + 5^6 + 8 \times 9. \\
15936 &= (1 + 3!)! \times (-56 + (\sqrt{9})!!). \\
15967 &= -1 + 5^6 + 7^{\sqrt{9}}. \\
16385 &= 1 + (-3 + 5)^{6+8}. \\
16839 &= 13 \times \sqrt{6^8} - 9. \\
16937 &= (1 + 3)! \times 6! - 7^{\sqrt{9}}. \\
17856 &= (-1 + 5^6)/7 \times 8. \\
17948 &= 1 \times 4 \times (7 + 8!/9). \\
18479 &= -1^4 + 7! + 8!/\sqrt{9}.
\end{aligned}$$

$$\begin{aligned}
18726 &= (1 + 2)! \times (6! + \sqrt{7^8}). \\
21953 &= 1 + (23 + 5)^{\sqrt{9}}. \\
23546 &= 23 \times 4^5 - 6. \\
23549 &= 23 \times 4^5 - \sqrt{9}. \\
24195 &= (1 + (2 \times 4)!/5) \times \sqrt{9}. \\
24365 &= -(-2 + 3!)! + \sqrt{(4! + 5)^6}. \\
24568 &= 2^{\sqrt{4!+5!}} \times 6 - 8. \\
24576 &= \sqrt{2^{4!}} \times (5 - 6 + 7). \\
24695 &= (2 \times 4)! - 5^{(-6+9)!}. \\
25943 &= 23 + 4! \times 5! \times 9. \\
26493 &= (2^3)! - \sqrt{4!^6} - \sqrt{9}. \\
26891 &= -1 + 2 \times (6 + 8!/\sqrt{9}). \\
27641 &= 1 \times 2 \times \sqrt{4!^6} - 7. \\
27649 &= 2 \times \sqrt{4!^6} + 7 - (\sqrt{9})!. \\
27839 &= -2 + \sqrt{(3! + 7)^8} - (\sqrt{9})!!!. \\
27936 &= (-2^3! \times 6 + 7!) \times (\sqrt{9})!. \\
28561 &= \sqrt{(12 - 5 + 6)^8}. \\
28567 &= (-2 + 5)! + \sqrt{(6 + 7)^8}. \\
28674 &= 2 + 4^6 \times \sqrt{\sqrt{7^8}}. \\
28764 &= 2 \times (-4! + 6 \times \sqrt{7^8}). \\
31756 &= 1 + 3 \times (5^6 - 7!). \\
32648 &= -(2 + 3)! + 4^6 \times 8. \\
32748 &= 2 \times (-3! + 4^7) - 8. \\
32759 &= 2^{3+5+7} - 9. \\
32864 &= (2 \times 3! + 4^6) \times 8. \\
34728 &= -23 \times 4! - 7! + 8!. \\
34875 &= -3^4 \times 5 - 7! + 8!. \\
35476 &= (3!! + 4) \times (56 - 7). \\
35748 &= -3!^{\sqrt{4}} \times (5! + 7) + 8!. \\
35982 &= 2 \times (3!! \times \sqrt{\sqrt{5^8}} - 9). \\
36248 &= (-2 + 3!)! - 4^6 + 8!. \\
36927 &= ((-2 + 3!)^6 + 7) \times 9. \\
37468 &= (-3! + \sqrt{4}) \times (6! - 7) + 8!.
\end{aligned}$$

$$\begin{aligned}
37485 &= -3^4 \times 5 \times 7 + 8!. \\
37582 &= -2 - 3!^5 + 7! + 8!. \\
37948 &= (3!! - 4) \times (7 \times 8 - \sqrt{9}). \\
37952 &= 2^{3!} \times (-5! - 7 + (\sqrt{9})!!). \\
37968 &= (3!! - 6 \times 7) \times 8! / (\sqrt{9})!. \\
38127 &= -(1 + 2)! - 3^7 + 8!. \\
39287 &= -2^{3+7} + 8! - 9. \\
39472 &= (2^3)! - \sqrt{4^7} - (\sqrt{9})!!. \\
39475 &= (3! + \sqrt{4})! - 5 - 7! / (\sqrt{9})!. \\
39568 &= -35 - 6! + 8! + \sqrt{9}. \\
39628 &= \sqrt{2^{3!} + 6!} + 8! - (\sqrt{9})!!. \\
39684 &= 3^4 - 6! + 8! + \sqrt{9}. \\
39728 &= \sqrt{(-2 + 3!)^7} + 8! - (\sqrt{9})!!. \\
41528 &= ((1 + 2)!! - 4) \times 58. \\
42976 &= \sqrt{2^{4!}} + (-6! + 7!) \times 9. \\
43179 &= ((-1 + 3!)!^{\sqrt{4}} - 7) \times \sqrt{9}. \\
43185 &= (-1 + 3!! \times 4) \times 5! / 8. \\
43597 &= 3!! + \sqrt{4} + (5 \times 7)^{\sqrt{9}}. \\
45268 &= -2 + ((4 + 5)! - 6!) / 8. \\
45632 &= 2^{3!} \times (-\sqrt{4} - 5 + 6!). \\
45872 &= 2^{4+5} + 7! + 8!. \\
46328 &= 2^{3!} \times (4 + 6!) - 8. \\
46578 &= (\sqrt{4 + 5})!^6 - 78. \\
46592 &= -2 \times \sqrt{4^5} + 6^{(\sqrt{9})!}. \\
46851 &= (-1 + 4) \times (5^6 - 8). \\
46895 &= -4 + (5^6 + 8) \times \sqrt{9}. \\
46953 &= 3! + (4! + 5^6) \times \sqrt{9}. \\
47286 &= (2 + 4)^6 + 7! / 8. \\
47598 &= -\sqrt{4} + 5 \times (7! + 8! / 9). \\
47623 &= 2^{3!} \times (4! + 6!) + 7. \\
47963 &= (3!! - 4) \times 67 - 9. \\
49137 &= (1 - 3! + 4^7) \times \sqrt{9}. \\
49278 &= -2 + (4 + 7) \times 8! / 9. \\
51847 &= -1 + (4 + 5)! / 7 + 8. \\
53712 &= -(1 + 2)!! + 3!^5 \times 7. \\
53719 &= (1 + 3!^5) \times 7 - (\sqrt{9})!!. \\
54738 &= -3! - 4! \times (5! - \sqrt{7^8}). \\
54768 &= 8 \times (7! + 6) + 5!^{\sqrt{4}}. \\
54869 &= \sqrt{(4! - 5)^6} \times 8 - \sqrt{9}. \\
54896 &= 4! + (5 \times 6 + 8)^{\sqrt{9}}. \\
56278 &= -2 + 5! + 6! \times 78. \\
57196 &= (-1 + 5 + 6!) \times 79. \\
57369 &= (3^{5+6} - 7!) / \sqrt{9}. \\
57498 &= 4! \times (-5 + \sqrt{7^8}) - (\sqrt{9})!. \\
62495 &= -2 + 4 \times 5^6 - \sqrt{9}. \\
67534 &= -3! + 4 \times 5^6 + 7!. \\
73965 &= -3 - 5! + (6 \times 7)^{\sqrt{9}}. \\
74856 &= -4! + 5! \times (-6 + 7! / 8). \\
75243 &= -2 - 3!! \times 4 + 5^7. \\
75438 &= (-3!^4 + 5! \times 7!) / 8. \\
75486 &= -4! + 5! \times (-6 + 7!) / 8. \\
78125 &= 1 \times \sqrt{25^{\sqrt{\sqrt{7^8}}}}. \\
78132 &= -1 + (2 + 3)^7 + 8. \\
78134 &= 1 + (3 + \sqrt{4})^7 + 8. \\
78135 &= -1 + 3 + 5^7 + 8. \\
78139 &= (-1 + 3!)^7 + 8 + (\sqrt{9})!.
\end{aligned}$$

$$\begin{aligned}
78253 &= (2 + 3)! + 5^7 + 8. \\
79186 &= \sqrt{\sqrt{16}} \times (-7 + 8! - (\sqrt{9})!!). \\
79864 &= (-4! + 6^7 - 8!) / \sqrt{9}. \\
82946 &= 2 + \sqrt{4! \sqrt{\sqrt{6^8}}} \times (\sqrt{9})!. \\
83159 &= -1 + (\sqrt{3!! / 5})! / (8 \times (\sqrt{9})!!). \\
84936 &= 3! \times (-4 + 6! + 8! / \sqrt{9}). \\
85673 &= 3!! \times 5! - 6! - \sqrt{\sqrt{\sqrt{7^8}}}. \\
85746 &= -4! + 5! \times 6! - 7! / 8. \\
86357 &= 3!! \times 5! + 6 - \sqrt{\sqrt{7^8}}. \\
93654 &= (\sqrt{3^4} + 5!) \times (6! + (\sqrt{9})!). \\
94178 &= 14 \times (7 + 8! / (\sqrt{9})!). \\
95267 &= 2 + (5^6 - 7!) \times 9. \\
95361 &= (13 + 5!) \times (6! - \sqrt{9}). \\
96472 &= 2 \times (-4 + 67 \times (\sqrt{9})!!). \\
98472 &= (\sqrt{2^{4!}} + 7) \times 8 \times \sqrt{9}.
\end{aligned}$$

#### • Decreasing order

$$\begin{aligned}
12543 &= (5! - 4! / 3)^2 - 1. \\
12597 &= -\sqrt{9} + 7! \times 5 / 2 \times 1. \\
12759 &= -9 + (7 - 5!)^2 - 1. \\
12768 &= 8 \times 76 \times 21. \\
13248 &= (8! - 4!^3) / 2 \times 1. \\
13456 &= (-6 + 5! + \sqrt{4})^{3-1}. \\
13458 &= (8! + 54) / 3 \times 1. \\
13459 &= \sqrt{9} + (5! - 4)^{3-1}. \\
13642 &= (6! - \sqrt{4}) \times \sqrt{3!! / 2 + 1}. \\
13682 &= (8! + 6!) / 3 + 2 \times 1. \\
13689 &= 9 + (8! + 6!) / 3 \times 1. \\
13849 &= \sqrt{9} \times 8 + 4!^3 + 1. \\
13954 &= 9 + 5! + 4!^3 + 1. \\
14257 &= 7! + (5! - 4!)^2 + 1. \\
14369 &= \sqrt{((\sqrt{9})!! / 6)^4} - 31. \\
14396 &= ((\sqrt{9})!! / 6)^{\sqrt{4}} - 3 - 1. \\
14539 &= (\sqrt{9})!! - 5 + 4!^3 \times 1. \\
14579 &= \sqrt{9} \times 7! - 541. \\
14635 &= (6 + 5)^4 - 3! \times 1. \\
14879 &= (9! - 8! / 7) / 4! - 1. \\
15246 &= (6 + (5 - \sqrt{4})!) \times 21. \\
15267 &= (7 + 6 \times 5!) \times 21. \\
15279 &= \sqrt{9} \times (7! + 52 + 1). \\
15297 &= \sqrt{9} \times (7! + 5! / 2 - 1). \\
15324 &= 5! + (4 + 3!!) \times 21. \\
15372 &= (7 + 5 + 3!!) \times 21. \\
15384 &= 8 + (5! + 4)^{3-1}. \\
15498 &= 9! / (8 \times 5!) \times 41. \\
16254 &= (6! + 54) \times 21. \\
16354 &= -6 \times 5 + 4^{3!+1}. \\
16875 &= \sqrt{(8 + 7)^6} \times 5 \times 1. \\
16879 &= 9 \times 8 + 7^{6-1}. \\
16897 &= (\sqrt{9})!! / 8 + 7^{6-1}. \\
17283 &= 8! / 7 \times 3 + 2 + 1. \\
17289 &= 9 + 8! / 7 \times (2 + 1). \\
17298 &= ((\sqrt{9})! + 8! / 7) \times (2 + 1). \\
17354 &= 75 + (4! \times 3!! - 1). \\
17495 &= \sqrt{\sqrt{9^{7+5}}} \times 4! - 1.
\end{aligned}$$

$$\begin{aligned}
17529 &= (\sqrt{9})!! + 7^5 + 2 \times 1. \\
19428 &= -(\sqrt{9})!! + (8! - 4!)/2 \times 1. \\
19438 &= -(\sqrt{9})!! + (8! - 4!)/(3 - 1). \\
19467 &= \sqrt{9^7} + 6! \times 4! \times 1. \\
21579 &= (-\sqrt{9})!! + 7! \times 5 - 21. \\
23465 &= 65 \times (\sqrt{4} + 3!)/2. \\
23754 &= -7! + (5!^{\sqrt{4}} - 3) \times 2. \\
23758 &= (-87 + 5!) \times 3!! - 2. \\
24193 &= 9!/(4! - 3^2) + 1. \\
24579 &= (-9 + 7!) \times 5 - 4!^2. \\
25187 &= 8 + 7! \times 5 - 21. \\
25746 &= (7! - 6) \times 5 + 4!^2. \\
25768 &= -8 + 7! + (6!/5)^2. \\
25784 &= 8 + 7! \times 5 + 4!^2. \\
25918 &= -\sqrt{9} + 8! - 5!^2 + 1. \\
25941 &= 9 \times 5! \times 4! + 21. \\
25947 &= (9!/7 + 54)/2. \\
25974 &= (-9 + 7!/5) \times (4! + 2). \\
26173 &= (7 + 6!) \times 3!^2 + 1. \\
26384 &= (8! - 6! - 4!)/3 \times 2. \\
26754 &= \sqrt{7^6} \times (5! - 42). \\
26893 &= 9 + (8! + 6)/3 \times 2. \\
27361 &= 76 \times 3!!/2 + 1. \\
27984 &= (\sqrt{9})! \times 8 \times (7 + 4!^2). \\
28376 &= 8 + 7! + 6^3/2. \\
28795 &= -\sqrt{9} + 8!/7 \times 5 - 2. \\
29584 &= ((\sqrt{9} + 8 \times 5) \times 4)^2. \\
29643 &= (\sqrt{9} + 6!) \times (43 - 2). \\
29735 &= 9 \times 7! - 5^{3 \times 2}. \\
29754 &= (\sqrt{9})! \times (7! - (5 + 4)^2). \\
31684 &= ((-8 + 6!)/4)^{3-1}. \\
32175 &= (7^5 - 3!)/2 + 1. \\
32476 &= 7! + \sqrt{(6! + \sqrt{4})^3} \times 2. \\
32546 &= -6^5 + (4!/3)! + 2. \\
32854 &= 8^5 + 43 \times 2. \\
34578 &= (8!/7 + \sqrt{5} + 4) \times 3!. \\
34625 &= 65 + 4! \times 3!! \times 2. \\
34965 &= 9 \times (6^5/\sqrt{4} - 3). \\
34968 &= (-9 + 8!/6!) \times (4! + 3!!). \\
35248 &= 8! - (5 + \sqrt{4})! - 32. \\
35784 &= 8! - 7! + (5 + 4)!/3!! \\
35928 &= (9 \times 8!/5 - 3!)/2. \\
35964 &= 9 \times (6! - 54) \times 3!. \\
36294 &= 9!/(6 + 4) + 3 \times 2. \\
36594 &= 9 \times (-6 \times 5 + 4^3). \\
36792 &= (9! + 7!)/(6 + 3! - 2). \\
36798 &= \sqrt{9^8} + 7! \times 6 - 3. \\
37294 &= 9! \times 74/3!! - 2. \\
37428 &= 8! - (7! + 4! + 3!)/2. \\
37468 &= 8! + (-7 + 6!) \times (\sqrt{4} - 3!). \\
37824 &= 8! - 7!/\sqrt{4} + (3! - 2)!. \\
37854 &= 8! - (7! - 5!)/\sqrt{4} - 3!. \\
37948 &= (\sqrt{9} - 8 \times 7) \times (4 - 3!!). \\
38152 &= -8 + 53 \times (2 + 1)!!. \\
38416 &= (8 + 6)^{\sqrt{4}+3-1}. \\
38419 &= ((\sqrt{9})! + 8)^4 + 3 \times 1. \\
38512 &= -8 + 5! \times 321.
\end{aligned}$$

$$\begin{aligned}
38521 &= 8! - 5 \times 3!!/2 + 1. \\
38597 &= -\sqrt{9} + 8! - (7! + 5!)/3. \\
38745 &= 8! - 75 \times (4! - 3). \\
38769 &= 9 + 8! - 7!/6 - 3!! \\
38952 &= 9 \times (8 + 5! \times 3!^2). \\
39528 &= 9 \times (8!/5 + 3!)/2. \\
39658 &= -9 + 8! - 653. \\
39672 &= 9 \times (7! - 632). \\
39682 &= -(\sqrt{9})! + 8! - 632. \\
39817 &= -(\sqrt{9})!! + 8! + 7 \times 3!. \\
39867 &= \sqrt{9} + 8! - 76 \times 3!. \\
39876 &= -\sqrt{9} + 8! - 7 \times 63. \\
42385 &= 8! + 5^4 + 3!! \times 2. \\
42659 &= ((-9 + 6!) \times 5! - \sqrt{4})/2. \\
42718 &= 8! + 7^4 - 2 - 1. \\
42768 &= 8! + 7! - 6^4 \times 2. \\
42835 &= 8! - 5 + (4 + 3)!/2. \\
42837 &= 8! + (7! - \sqrt{4} \times 3)/2. \\
43562 &= (6! \times 5! + 4 + 3!)/2. \\
43689 &= -(\sqrt{9})! + 8^6 - 4)/3!. \\
43698 &= (\sqrt{9^8} + 6! + \sqrt{4}) \times 3!. \\
43856 &= 8! + 6! \times 5 - 4^3. \\
43918 &= 9!/8 - \sqrt{4} \times (3!! + 1). \\
43925 &= ((\sqrt{9})! + 5)^4 \times 3 + 2. \\
43981 &= (-\sqrt{9} + 8^{\sqrt{4}}) \times (3!! + 1). \\
45276 &= \sqrt{7^6} \times (5! + 4!/2). \\
45298 &= 9!/8 - (5! + 4)/2. \\
45328 &= 8! + (5 + \sqrt{4})! - 32. \\
45389 &= 9!/8 + 5 + 4 \times 3!. \\
45398 &= 9!/8 - 5 + 43. \\
45719 &= (\sqrt{9})!! \times (7 + 5!)/\sqrt{4} - 1. \\
45738 &= 8! + 7 \times (54 + 3!!). \\
45792 &= 9 \times (7! + (5! - 4!)/2). \\
45796 &= (9 - \sqrt{7^6} + 5!)^{\sqrt{4}}. \\
45897 &= \sqrt{9^8} \times 7 - 5!/4. \\
45927 &= \sqrt{9^7} \times (5 + 4^2). \\
45978 &= 9!/8 - 7 + 5^4. \\
46295 &= (((\sqrt{9})!^6) - (5 - 4!)^2). \\
46512 &= (6^5 - 4!) \times (2 + 1)!. \\
46513 &= (6^5 - 4!) \times 3! + 1. \\
46593 &= (\sqrt{9})!^6 - 5!/\sqrt{4} - 3. \\
46971 &= 9 \times (7! + 6!/4 - 1). \\
47635 &= 7 + \sqrt{(6 + 5!)^4} \times 3. \\
47652 &= 76 \times (5^4 + 2). \\
47892 &= 9!/8 + (7! + 4!)/2. \\
48576 &= 8 \times (7! \times 6/5 + 4!). \\
48596 &= \sqrt{\sqrt{9^8}} \times (6! - 5!) - 4. \\
48672 &= 8 \times (76 + \sqrt{4})^2. \\
48956 &= 9!/8 + 6! \times 5 - 4. \\
51697 &= 9!/7 - 6!/5 + 1. \\
51789 &= 9 \times 8!/7 - 5!. \\
51794 &= 9!/7 - 5 - 41. \\
51967 &= 9!/7 + 6 + 5! + 1. \\
52168 &= 8 \times 6521. \\
52864 &= 8! + (6 - 5! + \sqrt{4})^2. \\
53289 &= -(\sqrt{9})!! + 8! + (5! - 3!)^2. \\
53824 &= (8 \times (5 + 4 \times 3!))^2. \\
54138 &= 8! - 5 + 4!^3 - 1.
\end{aligned}$$

$$\begin{aligned}
54289 &= (9 - (8 - 5!) \times \sqrt{4})^2. \\
54369 &= (-9 + 6^5) \times (4 + 3). \\
54376 &= 7 \times (6^5 - \sqrt{4^3}). \\
54378 &= 87 \times 5^4 + 3. \\
54719 &= 9!/7 + 5! \times 4! - 1. \\
54726 &= 7 \times (6^5 + 42). \\
56832 &= \sqrt{8^6} \times (5! - 3^2). \\
57128 &= 8! + 7^5 + 2 - 1. \\
57624 &= \sqrt{7^6} \times (5! + 4! \times 2). \\
57642 &= 7 \times 6 + (5! \times \sqrt{4})^2. \\
57843 &= 8! + 7^5 - 4 + 3!! \\
57849 &= (\sqrt{9})!! + 8! + 7^5 + \sqrt{4}. \\
58319 &= \sqrt{\sqrt{9^8}} \times 5! \times 3! - 1. \\
58329 &= (9!/8!)^5 - (3 \times 2)!. \\
58794 &= -(\sqrt{9})! + 8! \times 7 \times 5/4!. \\
59284 &= 9!/8 + (5! - \sqrt{4})^2. \\
59617 &= 9!/7 + 6^5 + 1. \\
59637 &= (9! - 7!)/(6!/5!) - 3. \\
59643 &= \sqrt{(\sqrt{9} - 6!/5)^4} \times 3. \\
59647 &= (9! - 7!)/6 + 5 + \sqrt{4}. \\
59768 &= (-\sqrt{9})!! + 8 + 7! \times \sqrt{6!/5}. \\
61439 &= (9 + 6) \times 4^{3!} - 1. \\
62498 &= (\sqrt{9} - 8)^6 \times 4 - 2. \\
62758 &= 87 \times 6! + 5! - 2. \\
63485 &= \sqrt{8^6} \times (5! + 4) - 3. \\
63529 &= -9! + 653^2. \\
64728 &= 87 \times (6! + \sqrt{4!^2}). \\
69123 &= \sqrt{9} \times (6! \times 32 + 1). \\
69312 &= 96 \times (3!! + 2) \times 1. \\
69384 &= 98 \times (6! - 4 \times 3). \\
69385 &= (9! - 8!)/6 + 5^{3!}. \\
69743 &= 97 \times (6! - 4 + 3). \\
69835 &= 98 \times 6! - 5 - 3!! \\
69872 &= 98 \times (-7 + 6!) - 2. \\
69874 &= 98 \times \sqrt{(7 - 6!)^{\sqrt{4}}}. \\
71569 &= (9! - 7 \times 6!)/5 + 1. \\
73294 &= 9!/(7 - \sqrt{4}) + 3!! - 2. \\
73594 &= (9! + 7!)/5 + 4 + 3!. \\
73968 &= -(-\sqrt{9} + 8!) + (7 \times 6)^3. \\
74183 &= (-8 + 7^4) \times 3!. \\
78965 &= (-\sqrt{9} + 8)^7 + 6! + 5!. \\
79524 &= ((\sqrt{9})! \times (7 - 54))^2. \\
81327 &= (8! + 7^3) \times 2 + 1. \\
82946 &= \sqrt{(\sqrt{9})!^8} \times 64 + 2. \\
83456 &= \sqrt{8^6} \times (5! + 43). \\
84239 &= (9 + 8)^4 + 3!! - 2. \\
85264 &= ((8 + 65) \times 4)^2. \\
85293 &= \sqrt{9^8} \times (5 \times 3 - 2). \\
86315 &= -86 + 5! \times 3!! + 1. \\
86319 &= -\sqrt{\sqrt{9^8}} + 6! \times (3! - 1)!. \\
86735 &= -8 + \sqrt{7^6} + 5! \times 3!! \\
87364 &= (8! \times (7 + 6) + 4!)/3!. \\
87369 &= 9 + 8! \times (7 + 6)/3!. \\
91438 &= (9! - 8!)/4 + 3!! \times 1. \\
93184 &= ((\sqrt{9})!! + 8) \times \sqrt{4^{3!+1}}. \\
93562 &= ((\sqrt{9})!^6 + 5^3) \times 2. \\
94536 &= (\sqrt{9})! \times \sqrt{(6 + 5!)^4} - 3!! \\
94562 &= ((\sqrt{9})!^6 + 5^4) \times 2. \\
95328 &= ((\sqrt{9})! \times 8!/5 - 3!!) \times 2. \\
97345 &= 9 + (7!/5! + 4)^3. \\
97453 &= (\sqrt{9})!! - 7 \times (5 - 4!^3). \\
10368 &= 8 \times 6^{3+1} \times 0!. \\
10369 &= 9!/(6 \times 3! - 1) + 0!. \\
10785 &= (8 + 7) \times ((5 + 1)! - 0!). \\
10786 &= (8 + 7) \times (6! - 1) + 0!. \\
10798 &= (\sqrt{9})!! \times (8 + 7) - 1 - 0!. \\
10935 &= 9 \times 5 \times \sqrt{3^{10}}. \\
12095 &= 9!/5/(2 + 1)! - 0!. \\
12096 &= 9!/(6/2 \times 10). \\
12940 &= ((\sqrt{9})!^4 - 2) \times 10. \\
12960 &= ((\sqrt{9})! \times 6)^2 \times 10. \\
12980 &= (\sqrt{(\sqrt{9})!^8} + 2) \times 10. \\
13094 &= -(\sqrt{9})!! + 4!^3 - 10. \\
13450 &= (5^4 + 3!!) \times 10. \\
13560 &= -6! + 5! \times ((3! - 1)! - 0!). \\
13608 &= 8!/6! \times \sqrt{3^{10}}. \\
13680 &= (8! + 6!)/3 - 1 \times 0. \\
13950 &= 9 \times 5 \times 310. \\
14320 &= (-4 + 3!!) \times 2 \times 10. \\
14350 &= 5 \times 4 \times 3!! - 10. \\
14360 &= (6! - 4 + 3!!) \times 10. \\
14390 &= 9!/4! - 3!! - 10. \\
14520 &= 5! \times (((\sqrt{4} + 2!)! + 0!)). \\
14905 &= -(\sqrt{9})!! + 5^{-4+10}. \\
15097 &= \sqrt{9} \times 7! - (5 - 1)! + 0!. \\
15604 &= 6! + (5! + \sqrt{4})^{1+0!}. \\
15620 &= -6 + 5^{(2+1)!} + 0!. \\
15630 &= 6 + 5^{3!} - 1 \times 0!. \\
15840 &= (8 - 5)!! \times (4! - 1 - 0!). \\
15930 &= \sqrt{9} \times 5310. \\
16490 &= (-\sqrt{9} + 6!) \times (4! - 1) - 0!. \\
16807 &= \sqrt{(8 - 7 + 6)^{10}}. \\
17280 &= 8!/7 \times (2 + 1) \times 0!. \\
17580 &= (8! - 7! - 5!)/(1 + 0!). \\
17640 &= \sqrt{(7 \times 6)^4} \times 10. \\
18270 &= 87 \times 210. \\
19208 &= 98^2 \times (1 + 0!). \\
19430 &= (\sqrt{9})!! \times (4! + 3) - 10. \\
19802 &= (-\sqrt{9})!! + 8!/2 + 1 + 0!. \\
19803 &= \sqrt{9} + (8! - 3!)/(1 + 0!). \\
19806 &= (\sqrt{9})! + (8! - 6!)/(1 + 0!). \\
20148 &= (8! - 4!)/2 - 10. \\
20159 &= (\sqrt{9} + 5)!/2 - 1 \times 0!. \\
20163 &= (6 + (3! + 2)!)/(1 + 0!). \\
20164 &= (6 \times 4! - 2)^{1+0!}. \\
20184 &= (8! + 4! \times 2)/(1 + 0!). \\
20735 &= (7 + 5)^{3!-2} - 0!. \\
20743 &= 7 + (4! \times 3!)^2 \times 0!. \\
20879 &= (\sqrt{9})!! + 8 \times 7!/2 - 0!. \\
23048 &= 8 \times (4 \times (3 \times 2)! + 0!). \\
23064 &= (6! + 4!) \times (32 - 0!). \\
23104 &= (\sqrt{4} + 3!!) \times \sqrt{2^{10}}.
\end{aligned}$$

$$\begin{aligned}
23409 &= (9 + 4! \times 3!)^2 \times 0!. \\
23760 &= 7! + 6! \times (3! + 20). \\
24360 &= (6! - 4!) \times (3!^2 - 0!). \\
25940 &= 9 \times 5! \times 4! + 20. \\
27360 &= 76 \times 3!!/2 \times 0!. \\
28640 &= (-8 + 6! \times \sqrt{4}) \times 20. \\
28960 &= ((\sqrt{9})!! + 8 + 6!) \times 20. \\
29160 &= (9 \times 6)^2 \times 10. \\
29507 &= (\sqrt{9})! \times (7! - 5! - 2) - 0!. \\
30197 &= (\sqrt{9})! \times (7! - 3! - 1) - 0!. \\
30198 &= (\sqrt{9})! \times (-8 + (3! + 1)! + 0!). \\
30241 &= \sqrt{4} \times 3!! \times 21 + 0!. \\
30264 &= 6 \times (4 + (3 \times 2 + 0)!). \\
30267 &= 7! \times 6 + 3^{2+0!}. \\
30275 &= 7 \times (5 + 3!! \times (2 + 0)!). \\
30276 &= (7! + 6) \times 3 \times 2 \times 0!. \\
30279 &= \sqrt{9} \times ((7! + 3!) \times 2 + 0!). \\
30287 &= (8 + 7!) \times 3 \times 2 - 0!. \\
30294 &= (9 + (4 + 3!)) \times (2 + 0)! \\
30297 &= (9 + 7!) \times 3! + 2 + 0!. \\
30497 &= (\sqrt{9})! \times (7! + 43) - 0!. \\
30529 &= -(\sqrt{9})!! + 5^{3!} \times 2 - 0!. \\
30564 &= 6 \times (54 + (3! + 0)!). \\
30947 &= (\sqrt{9})! \times (7! - \sqrt{4}) + 3!! - 0!. \\
30954 &= (\sqrt{9})! \times (5! \times 43 - 0!). \\
30957 &= (\sqrt{9})! \times (7! + 5!) - 3 \times 0!. \\
30961 &= (\sqrt{9})!! + 6 \times (3! + 1)! + 0!. \\
30964 &= \sqrt{9} + (6! \times 43 + 0!). \\
30984 &= \sqrt{(\sqrt{9})^8} \times 4! - (3! - 0)! \\
31250 &= 5^{3+2} \times 10. \\
31680 &= 8! - 6 \times 3!! \times (1 + 0!). \\
31950 &= 9 \times 5 \times (3!! - 10). \\
32048 &= (8 \times 4)^3 - (2 + 0)! \\
32805 &= 8^5 + 3!^2 + 0!. \\
34560 &= 6! \times (5 + 43) \times 0!. \\
34608 &= 8 \times 6 \times ((\sqrt{4} \times 3)! + 0!). \\
34650 &= (\sqrt{6!/5})!/4!^3 \times 0!. \\
35280 &= 8! - (5 + 3 - 2 + 0)! \\
35910 &= (-9 + 5 \times 3!!) \times 10. \\
36840 &= 8! - (6! - 4!) \times (3! - 0!). \\
37801 &= 8! - 7!/(3 - 1) + 0!. \\
37802 &= 8! - (7! - 3!)/2 - 0!. \\
37804 &= 8! - 7!/\sqrt{4} + 3 + 0!. \\
37805 &= -8 \times 7! + 5^{3!+0!}. \\
37809 &= 9 + 8! - 7!/(3 - 0!). \\
38024 &= (8 \times 4! + 3)^2 - 0!. \\
38160 &= 8! - 6^3 \times 10. \\
38409 &= ((\sqrt{9})! + 8)^4 - 3! - 0!. \\
38520 &= 8! - 5 \times 3!!/2 \times 0!. \\
38640 &= (-8 + 6^4) \times 30. \\
38760 &= 8! - (7 + 6) \times (3! - 0)! \\
38904 &= -(\sqrt{9})!! + 8! + 4! - 3!! \times 0!. \\
38940 &= (\sqrt{(\sqrt{9})^8} + \sqrt{4}) \times 30. \\
39024 &= -(\sqrt{9})!^4 + (3! + 2!) \times 0!. \\
39204 &= ((9 + 4!) \times 3!)^2 \times 0!. \\
39280 &= -(\sqrt{9})!! + 8! - 320. \\
39402 &= (9^4 + 3!) \times (2 + 0)! \\
39408 &= -(\sqrt{9})!! - 8 \times (4! - (3! + 0)!). \\
39480 &= -(\sqrt{9})!! + 8! - 4 \times 30. \\
39580 &= -(\sqrt{9})!! + 8! - 5 \times (3 + 0!). \\
39601 &= -(\sqrt{9})!! + (\sqrt{63 + 1})! + 0!. \\
39602 &= \sqrt{9} - 6! + (3! + 2)! - 0!. \\
39604 &= \sqrt{9} + (\sqrt{64})! - 3!! + 0!. \\
39605 &= (\sqrt{9})! - 6! + (5 + 3)! - 0!. \\
39607 &= -(\sqrt{9})!! + 7 + (6 + 3 - 0)! \\
39608 &= 9 + 8! - 6! - (3 \times 0)! \\
39760 &= (9! - 7!)/(6 + 3 \times 0!). \\
39780 &= (\sqrt{9})!! + 8! - 7!/(3 + 0!). \\
39840 &= -(\sqrt{9})!! + 8! + \sqrt{4} \times (3! - 0)! \\
40128 &= 8! + 4! \times (2 - 10). \\
40158 &= 8! - 5! - 4! - 0!. \\
40186 &= 8! - 6 \times 4! + 10. \\
40198 &= -\sqrt{9} + 8! - (4 + 1)! + 0!. \\
40239 &= -\sqrt{9^4} + (3! + 2!) \times 0!. \\
40256 &= -65 + (4 \times 2)! + 0!. \\
40258 &= 8! - (5! + 4)/2 \times 0!. \\
40259 &= -\sqrt{(\sqrt{9})!! \times 5 + (4 \times 2)!} - 0!. \\
40271 &= -7^{\sqrt{4}} + (-2 + 10)! \\
40278 &= 8 \times 7! - 42 \times 0!. \\
40279 &= -(\sqrt{9})! \times 7 + (4 \times 2)! + 0!. \\
40283 &= 8! - 4 - 32 - 0!. \\
40289 &= 9 + 8! - \sqrt{4} \times 20. \\
40293 &= ((\sqrt{9})! + \sqrt{4})! - 3^{2+0!}. \\
40295 &= -(9 - 5)! + (4 \times 2)! - 0!. \\
40297 &= (-\sqrt{9} + 7!) \times 4 \times 2 + 0!. \\
40298 &= -(\sqrt{9})! + 8! + 4 - 20. \\
40312 &= (4!/3)! + 2 - 10. \\
40316 &= (\sqrt{64})! + 3! - 10. \\
40319 &= 9 + (4!/3)! - 10. \\
40321 &= (\sqrt{43 + 21})! + 0!. \\
40329 &= 9 + (\sqrt{4} + 3 \times 20)! \\
40358 &= 8! - 5 + 43 \times 0!. \\
40367 &= (7! + 6) \times 4!/3 - 0!. \\
40368 &= 8! - 6 + 4! + 30. \\
40376 &= 7 \times \sqrt{64} \times (3!! + 0!). \\
40378 &= 8! + 7 \times 4 + 30. \\
40389 &= 9 + 8! + \sqrt{4} \times 30. \\
40391 &= ((\sqrt{9})! + \sqrt{4})! + \sqrt{(3! + 1)! + 0!}. \\
40392 &= \sqrt{9} \times 4! + (3! + 2!) \times 0!. \\
40398 &= (\sqrt{9})! + 8! + 4! \times 3 \times 0!. \\
40583 &= 8! + 5! + 4! \times 3! - 0!. \\
40768 &= 8! + 7 \times 64 \times 0!. \\
40832 &= 8! + \sqrt{4^{3^2}} \times 0!. \\
40879 &= (\sqrt{9})!! + 8! - 7 \times (4! - 0!). \\
40892 &= -\sqrt{9} + 8! + 4!^2 - 0!. \\
40893 &= -\sqrt{9} + 8! + 4!^{3-0!}. \\
40895 &= ((\sqrt{9})!! + 8!) - 5! - 4! - 0!. \\
40896 &= -(\sqrt{9})!! + 8! + 6^4 \times 0!. \\
40983 &= (\sqrt{\sqrt{9^8} - 4!}) \times (3!! - 0!). \\
40985 &= (\sqrt{9})!! + 8! - 54 - 0!. \\
41039 &= (\sqrt{9})!! + (4!/3)! - 1 \times 0!. \\
42960 &= \sqrt{9} \times (6! - 4) \times 20. \\
43205 &= 5 \times (4! \times 3!!/2 + 0!). \\
43208 &= 8! + 4 \times (3!! + 2) \times 0!.
\end{aligned}$$

$$\begin{aligned}
43280 &= 8! + 4 \times (3!! + 20). \\
43680 &= (8 + 6!) \times \sqrt{4} \times 30. \\
43805 &= 8! - 5 \times (4! - 3!! - 0!). \\
43920 &= (\sqrt{9})!! \times (4^3 - 2 - 0!). \\
45360 &= 6 \times 5! \times (4^3 - 0!). \\
45380 &= 8! + 5 \times 4 + (3! + 0!)!. \\
45390 &= 9 \times (5 + \sqrt{4})! + 30. \\
46073 &= -7 + 6! \times 4^3 \times 0!. \\
46078 &= 8 \times (7! + 6!) - \sqrt{4} \times 0!. \\
46079 &= (9 + 7) \times 6! \times 4 - 0!. \\
46081 &= -8! + 6! \times (4 + 1)! + 0!. \\
46085 &= -8! + 6! \times 5! + 4 + 0!. \\
46087 &= -8! + 7 + 6! \times (4 + 0!)!. \\
46089 &= 9 - 8! + 6! \times (4 + 0!)!. \\
47520 &= (7! + 5! \times 4!) \times (2 + 0!)!. \\
48056 &= 8! + 6^5 - 40. \\
48390 &= (\sqrt{9})! \times (8! / (\sqrt{4} + 3) + 0!). \\
48960 &= 9 \times 8 \times (6! - 40). \\
49680 &= 9! / 8 + 6! \times (4 - 0!)!. \\
50386 &= (8 + 6) \times (5 \times 3!! - 0!). \\
50394 &= -(\sqrt{9})! + 5 \times \sqrt{4} \times (3! + 0!)!. \\
50397 &= \sqrt{9} \times 7^5 - (3 + 0!)!. \\
50427 &= (7^5 + \sqrt{4}) \times (2 + 0!). \\
50694 &= ((\sqrt{9})!! - 6) \times \sqrt{(5 + \sqrt{4})! + 0!}. \\
50769 &= 9 \times (7! + 6! - 5! + 0!). \\
50976 &= -(\sqrt{9})!! + 7! + 6^{5+0!}. \\
51790 &= 9! / 7 - 5 \times 10. \\
51840 &= (8 - 5)!!^{\sqrt{4}} / 10. \\
51970 &= 9! / 7 + 5! + 10. \\
52079 &= 9! / 7 + 5! \times 2 - 0!. \\
53970 &= (\sqrt{9})!! \times 75 - 30. \\
54607 &= 7 \times (6^5 + 4! + 0!). \\
59013 &= 9^5 - 3!^{1+0!}. \\
59041 &= 9^5 + \sqrt{4} - 10. \\
59043 &= 9^5 + 4! - 30. \\
59046 &= (\sqrt{9} + 6)^5 - 4 + 0!. \\
59048 &= \sqrt{9^{8 \times 5/4}} - 0!. \\
59640 &= 9! / 6 - 5! - (4 - 0!)!. \\
59760 &= (9! - 7!) / 6 + 5! \times 0!. \\
60359 &= 9! / 6 - 5! - (3 \times 0!)!. \\
60457 &= 7! \times \sqrt{6! / 5} - 4! + 0!. \\
60459 &= 9! / 6 - 5 \times 4 - 0!. \\
60472 &= (7! \times 6 - 4) \times 2 \times 0!. \\
60473 &= 7 \times (6! \times 4 \times 3 - 0!). \\
60475 &= 7! \times \sqrt{6! / 5} - 4 - 0!. \\
60479 &= \sqrt{9} \times 7 \times 6! \times 4 - 0!. \\
60487 &= 8 + 7! \times 6 \times \sqrt{4} - 0!. \\
60489 &= 9 + 8! \times 6 / 4 \times 0!. \\
60491 &= 9! / 6 + \sqrt{(4 + 1)! + 0!}. \\
60492 &= 9! / 6 + 4! / 2 \times 0!. \\
60493 &= 9! / 6 + 4 \times 3 + 0!. \\
60495 &= 9! / 6 + 5 \times (4 - 0!). \\
60497 &= (9 + 7! \times 6) \times \sqrt{4} - 0!. \\
60498 &= 9 \times (8! / 6 + \sqrt{4}) \times 0!. \\
60539 &= 9! / 6 + \sqrt{5} \times 3!! - 0!. \\
60593 &= 9! / 6 + 5! - 3! - 0!. \\
60594 &= 9! / 6 + 5! - (4 - 0!)!. \\
63504 &= \sqrt{(6 + 5!)^4} \times (3 + 0!). \\
64890 &= (\sqrt{9})!! / 8 \times (6! + (4 \times 0!)!). \\
64980 &= (\sqrt{9})!! / 8 \times (6! + \sqrt{4} \times 0!). \\
69024 &= 96 \times ((4 + 2)! - 0!). \\
69120 &= 96 \times (2 + 1)!! \times 0!. \\
69130 &= 96 \times 3!! + 10. \\
69240 &= (\sqrt{9})!! / 6 \times (4!^2 + 0!). \\
69840 &= 98 \times 6! - (4 - 0!)!. \\
70538 &= (8! - 7^5) \times 3 - 0!. \\
73590 &= (9! + 7!) / 5 + 3! \times 0!. \\
75480 &= (-8 + 7!) \times 5 \times (4 - 0!). \\
75690 &= \sqrt{9} \times (7! + 6) \times 5 \times 0!. \\
78049 &= (\sqrt{9})!! - 8! + 7^{(4-0)!}. \\
79380 &= 9! / 8 \times 7 / (3 + 0!). \\
79680 &= ((\sqrt{9})!! - 8 \times 7) \times (6 - 0!)!. \\
80496 &= (9! + 8! - 6!) / (4 + 0!). \\
80619 &= -9 + (8! - 6) \times (1 + 0!). \\
80623 &= (8! - 6 - 3) \times 2 + 0!. \\
80624 &= (8! - \sqrt{64}) \times 2 \times 0!. \\
80627 &= (8 \times 7! - 6) \times 2 - 0!. \\
80629 &= (-\sqrt{9})! + 8! \times \sqrt{6 - 2} + 0!. \\
80634 &= 8! \times (6 - 4) - 3! \times 0!. \\
80635 &= 8! - 6 + (5 + 3)! + 0!. \\
80639 &= 9! \times 8 / 6 / 3! - 0!. \\
80647 &= 8! + 7 + (\sqrt{64})! \times 0!. \\
80649 &= 9 + 8! \times (6 - 4) \times 0!. \\
80651 &= (8! + 6) \times \sqrt{5 - 1} - 0!. \\
80723 &= (8! + 7 \times 3!) \times 2 - 0!. \\
80725 &= (8! + 7! / 5!) \times 2 + 0!. \\
80736 &= 8 \times (7! + 6) \times (3 - 0!). \\
80759 &= 9! - 8! \times 7 + 5! - 0!. \\
81360 &= 8! + 6! + (3! + 1 + 0!)!. \\
82067 &= (8! - 7 + 6!) \times 2 + 0!. \\
82069 &= ((\sqrt{9})!! + 8! - 6) \times 2 + 0!. \\
82079 &= ((\sqrt{9})!! + 8 \times 7!) \times 2 - 0!. \\
82093 &= ((\sqrt{9})! + 8! + 3!) \times 2 + 0!. \\
83520 &= 8! + 5! \times 3! / 2 \times 0!. \\
84075 &= (8 + 7^5) \times (4 + 0!). \\
84960 &= (\sqrt{9})!! \times (-8 + 6 + (4 + 0!)!). \\
85904 &= ((\sqrt{9})!! + 8) \times (5! - \sqrt{4}) \times 0!. \\
86039 &= (-\sqrt{9} + 8!) \times (6! - 3) - 0!. \\
86405 &= 8 + 6! \times 5! - 4 + 0!. \\
86409 &= 9! / 8! + 6! \times (4 + 0!)!. \\
86490 &= (\sqrt{9})!! / 8 + 6! \times (4 + 0!)!. \\
87360 &= 8! \times (7 + 6) / 3! \times 0!. \\
90647 &= \sqrt{9} \times (7! \times 6 - 4!) - 0!. \\
90712 &= 9 \times (7! \times 2 - 1) + 0!. \\
90713 &= (\sqrt{9})! \times (7! \times 3 - 1) - 0!. \\
90714 &= (\sqrt{9})! \times (7! \times (4 - 1) - 0!)!. \\
90716 &= \sqrt{9} \times (7! \times 6 - 1) - 0!. \\
90721 &= 9 \times 7! \times 2 + 1 \times 0!. \\
90723 &= 9! / (7 - 3) + 2 + 0!. \\
90724 &= (9 \times 7! + \sqrt{4}) \times 2 \times 0!. \\
90726 &= \sqrt{9} \times (7! \times 6 + 2) \times 0!. \\
90728 &= 9 + (8! + 7!) \times 2 - 0!. \\
90732 &= (9 \times 7! + 3!) \times 2 \times 0!. \\
90735 &= ((\sqrt{9})! \times 7! + 5) \times 3 \times 0!. \\
90738 &= (9 + 8! + 7!) \times (3 - 0!). \\
90743 &= (\sqrt{9} \times 7! + 4) \times 3! - 0!.
\end{aligned}$$



$$\begin{aligned}
90756 &= (\sqrt{9} \times 7! + 6) \times (5 + 0!). \\
90867 &= \sqrt{9} \times ((8 + 7!) \times 6 + 0!). \\
91430 &= 9!/4 + 3!! - 10. \\
92160 &= 96^2 \times 10. \\
93072 &= ((\sqrt{9})!^7 - 3!!)/(2 + 0!). \\
94032 &= (\sqrt{9})!! + \sqrt{4} \times 3!(2+0)!. \\
94078 &= (-\sqrt{9})! + 8! \times 7/(4 - 0!). \\
94087 &= (\sqrt{9} + 8!) \times 7/(4 - 0!). \\
95034 &= -(\sqrt{9})! + (\sqrt{5! + 4!})/(3! + 0!)!. \\
95037 &= -\sqrt{9} + (7 + 5)!/(3! + 0!)!. \\
95043 &= \sqrt{9} + (\sqrt{5! + 4!})/(3! + 0!)!.
\end{aligned}$$

$$\begin{aligned}
95703 &= (\sqrt{9} - 7!) \times (5 - (3 + 0!)!). \\
95704 &= (\sqrt{9} - 7!) \times (5 - 4!) + 0!. \\
95760 &= (\sqrt{9})!! \times (7 + 6 + 5! \times 0!). \\
96480 &= (\sqrt{9})!! \times (8 + 6 + (4 + 0!)!). \\
98260 &= \sqrt{(9 + 8)^6} \times 20. \\
98301 &= \sqrt{9} \times (8^{3!-1} - 0!). \\
98304 &= \sqrt{9} \times (8 \times 4)^3 \times 0!. \\
98305 &= 9 \times 8^5/3 + 0!. \\
98503 &= (9 + 8 + 5!) \times (3!! - 0!). \\
98640 &= (\sqrt{9})!! \times (-8 + 6 \times 4! + 0!)!.
\end{aligned}$$

## 5.5. Six Digits

### • Increasing order

$$\begin{aligned}
134567 &= -1 + (3 + 4!) \times (-56 + 7!). \\
135762 &= ((1 + 2)!! + 3!) \times (5! + 67). \\
142567 &= 12!/(4 \times (5! + 6!)) + 7. \\
146375 &= -1 + 3! \times (\sqrt{(4! + 5)^6} + 7). \\
154673 &= (-1 + 3!^4) \times 5! - 6! - 7. \\
175643 &= -1 + 34 \times (5! + 6 + 7!). \\
271356 &= 12 \times (-3!! + 5) + 6^7. \\
276351 &= (1 + 2 - 3!!) \times 5 + 6^7. \\
312475 &= -1 - (-2 + 3!)! + 4 \times 5^7. \\
362147 &= -(1 + 2)!! + (3^{\sqrt{4}})! - 6 - 7. \\
375164 &= -1 - 3 + 4! \times (5^6 + 7). \\
437516 &= (1 + 3) \times (4 + 5^6 \times 7). \\
463127 &= -1 + 23 \times 4 \times (-6 + 7!). \\
512647 &= ((1 + 2)!! + 4 - 5) \times (6! - 7). \\
514627 &= (1 + \sqrt{\sqrt{2^{4!}} \times 5!}) \times 67. \\
635174 &= 134 + (5! + 6) \times 7!. \\
716532 &= (-1 + 23 + 5!) \times (6 + 7!). \\
734215 &= ((1 + 2)!! - 3) \times 4^5 + 7. \\
123864 &= (12 - 3!!)^{\sqrt{4}}/6 + 8!. \\
124358 &= 12^{3!}/4! - 58. \\
124368 &= (12 \times 3!^4 - 6) \times 8. \\
124856 &= -\sqrt{12^4} + 5^6 \times 8. \\
125648 &= ((1 + 2)^4 + 5^6) \times 8. \\
128634 &= 123 \times (-\sqrt{4} + 6!) + 8!. \\
132468 &= -12 + (3!! \times 4! - 6!) \times 8. \\
132478 &= -1 \times 2 + 3!! \times \sqrt{4^7} + 8!. \\
136528 &= (1 + 2 \times 3!! + 5^6) \times 8. \\
136825 &= -1 \times 2 + 3^{5+6} - 8!. \\
136827 &= (1 + 2)^{3 \times 6 - 7} - 8!. \\
136857 &= (1^3 + 56) \times \sqrt{7^8}. \\
138267 &= (1 + 2) \times (3^6 + 7! + 8!). \\
142758 &= (1 + (2 + 4)!) \times (5! + 78). \\
143872 &= (-1 + 2 \times 3!!) \times \sqrt{4^7} - 8!. \\
146832 &= (1 + 2)! \times (34 \times 6! - 8). \\
146872 &= 12 \times (4! \times 6! - 7!) - 8. \\
146873 &= 1 - 34 \times (6! - 7!) - 8. \\
147853 &= 13^4 \times 5 + 7! + 8. \\
148367 &= -1 + 3 \times (4^6 + 7! + 8!). \\
148675 &= (1 + 4) \times (-5^6 + 7! + 8!). \\
153648 &= 1 \times 3!! + (-\sqrt{4} + 5!) \times \sqrt{6^8}. \\
154368 &= (1 + 3) \times (-\sqrt{\sqrt{(4! + 5!)^6}} + 8!).
\end{aligned}$$

$$\begin{aligned}
156238 &= -1 \times 2 + 3!! + 5! \times \sqrt{6^8}. \\
156248 &= (1 + 2)!^4 \times 5! + 6! + 8. \\
157428 &= -12 - 4 \times (5! - 7!) \times 8. \\
163428 &= -12 - 3!! + 4 \times (6! + 8!). \\
163784 &= ((-1 + 3!) \times 4^6 - 7) \times 8. \\
164283 &= 123 + 4 \times (6! + 8!). \\
167835 &= 1 \times 3 \times (5^6 + 7! \times 8). \\
168473 &= -1 + 3 \times (-\sqrt{4} + 6! \times 78). \\
172368 &= (1 + 2)!^3 \times (6! + 78). \\
172836 &= -12 \times (3 - 6 \times \sqrt{7^8}). \\
172856 &= 1 \times 2 \times 5! \times 6! + 7 \times 8. \\
176358 &= ((1 + 3!)! \times 5 - 6) \times \sqrt{\sqrt{\sqrt{7^8}}}. \\
176385 &= (-1 + 35 \times 6!) \times 7 - 8. \\
182476 &= (12 + \sqrt{4^6}) \times \sqrt{7^8}. \\
182753 &= (-1 + 2 \times 3!!) \times (5! + \sqrt{\sqrt{\sqrt{7^8}}}). \\
183456 &= (1 + 3!)!/(4 \times 5) \times (6! + 8). \\
184327 &= -1 + 2 \times 3!! \times \sqrt{4^7} + 8. \\
184375 &= -1 + (3!! \times \sqrt{4^5} + 7) \times 8. \\
184576 &= 1 \times \sqrt{4^5} \times (6! + 7! + 8). \\
216783 &= -1 + 2^{3 \times 6} - 7! - 8!. \\
218765 &= -1 + 2 \times (5^6 \times 7 + 8). \\
231847 &= -1 + 23 \times \sqrt{4} \times 7! + 8. \\
234178 &= (-1 + 23)^4 - 78. \\
238176 &= -1 \times 2 \times 3!! + 6^7 - 8!. \\
241578 &= 1 \times (2 + 4) \times (-57 + 8!). \\
241638 &= -(1 + 2)! + 3! \times (-46 + 8!). \\
253871 &= -1 + (2 \times 3!)^5 + (\sqrt{\sqrt{\sqrt{7^8}}})!. \\
278145 &= 1 - 2^{\sqrt{4!+5!}} + 7 \times 8!. \\
278146 &= 1 \times 2 - 4^6 + 7 \times 8!. \\
278514 &= -1 \times 2 + (-4 + 5!) \times \sqrt{7^8}. \\
278516 &= (1 \times (2 + 5!) - 6) \times \sqrt{7^8}. \\
281365 &= (1 - 2^3) \times (\sqrt{5^6} - 8!). \\
281367 &= -1 + 2 \times 3!! + 6^7 - 8. \\
281376 &= 1 \times 2 \times 3!! + 6\sqrt{\sqrt{7^8}}. \\
281475 &= -(1 + 2)!! - 45 + 7 \times 8!. \\
281537 &= 12 - 3!! + 5 + 7 \times 8!. \\
281576 &= -(1 + 2)!! + 56 + 7 \times 8!. \\
281753 &= -1 - 2 \times 3^5 + 7 \times 8!. \\
283716 &= (1 + 2)! \times (3!^6 + 7!/8). \\
317548 &= (1 + 3!)! + 4 \times 5^7 + 8. \\
321568 &= (1 + (2^3)!) - \sqrt{5^6} \times 8. \\
328416 &= (12 + 3!! + (\sqrt{4} + 6)!) \times 8.
\end{aligned}$$

$$\begin{aligned}
352817 &= 1 + 2 \times (35 \times 7! + 8). \\
357841 &= 1 + (\sqrt{3^4})! - (\sqrt{57 - 8})!. \\
361248 &= (12 - 3)! - 4! \times 68. \\
362184 &= (12 - 3)! + 4! - (\sqrt{\sqrt{\sqrt{6^8}}})!. \\
362814 &= (12 - 3)! + \sqrt{4} - 68. \\
364182 &= (1 + 2)! + (\sqrt{3^4})! + \sqrt{6^8}. \\
364815 &= -1 + (3!! + 4 - 5!)^{-6+8}. \\
368127 &= -1 + 2^{3!} \times (6! + 7! - 8). \\
372618 &= (12^{\sqrt{36}} - 7!)/8. \\
375168 &= 1 \times 3 \times (5^6 + 7) \times 8. \\
375481 &= 1 + (3!! - 4 - 5!) \times 7!/8. \\
415368 &= (1 + 3!) \times (\sqrt{4} + 5^6) + 8!. \\
418327 &= -1 + (2 + 3^4) \times 7! + 8. \\
432178 &= -1 \times 2 + 3!!/4 \times \sqrt{7^8}. \\
437281 &= (1 + 2)!^{3!} + (\sqrt{4} - 7)^8. \\
451238 &= -12 + (3!! + \sqrt{4}) \times \sqrt{5^8}. \\
453781 &= 1 + 3!!/4 \times (5! + \sqrt{7^8}). \\
457381 &= 1 + (3! + (\sqrt{4 + 5})!!) \times 7!/8. \\
458731 &= 13 \times (\sqrt{4} + 5 - 7! + 8!). \\
468713 &= -1 - 3! + (4! + 6!) \times 7!/8. \\
468721 &= 1 + (24 + 6!) \times 7!/8. \\
468751 &= 1 + \sqrt{4} \times 5^6 \times (7 + 8). \\
483157 &= 1 - 3 \times 4 \times (57 - 8!). \\
483215 &= 12 \times (3! + \sqrt{4})! - \sqrt{5^8}. \\
483216 &= 12 \times (-3! - 46 + 8!). \\
485136 &= (1 + 3!)! \times (-4! + 5!) + \sqrt{6^8}. \\
485137 &= 1 + 3!^4 + (5 + 7) \times 8!. \\
485172 &= 12 \times (-\sqrt{4} + 5! - 7 + 8!). \\
485231 &= -1 - 2 \times 3! \times (4 - 5! - 8!). \\
486713 &= (1 - 3!!)^{\sqrt{4}} - 6 \times 7! - 8. \\
513487 &= -1 + 3!!^{\sqrt{4}} + (5! - 7! + 8). \\
513786 &= 13 \times ((-5! + 6) \times 7 + 8!). \\
514683 &= 13 \times (-4 - 5 - 6! + 8!). \\
516384 &= (-1 + 3!!) \times (\sqrt{4 + 5})!! - \sqrt{6^8}. \\
516843 &= (-1 + 3!!)^{\sqrt{4}} - 5! - 6 + 8. \\
517384 &= 1 \times 3!!^{\sqrt{4}} - (5! + 7) \times 8. \\
517638 &= (1 + 3!! + 5) \times (6! - \sqrt{\sqrt{\sqrt{7^8}}}). \\
518327 &= (1 + 2)!! \times 3!! + 5 - 78. \\
518342 &= 1 \times (2 \times 3)!^{\sqrt{4}} - 58. \\
518346 &= -1 + 3!!^{\sqrt{4}} - 5 - 6 \times 8. \\
518376 &= -(1 + 3!) - 5! \times (6! - (\sqrt{\sqrt{\sqrt{7^8}}})!). \\
518427 &= (1 + 2)!!^{\sqrt{4}} + 5 \times 7 - 8. \\
528631 &= -1 - (2 - 3!^5) \times 68. \\
531648 &= 13 \times ((-4! + 5!) \times 6 + 8!). \\
536481 &= (1 + 3!)! + (4 + 5)\sqrt{\sqrt{6^8}}. \\
571368 &= (1 + 3!! - 5) \times (6! + 78). \\
571438 &= (1 - 3 + \sqrt{4} \times 5!) \times \sqrt{7^8}. \\
578641 &= 1 + 4 \times \sqrt{5 \times 6!} \times \sqrt{7^8}. \\
613584 &= (1 + 3!)! \times (\sqrt{4} + 5!) - \sqrt{6^8}. \\
671548 &= (-1 + 4!)^5 + 6 - 7^8. \\
725816 &= ((1 + 2)!! \times (5! + 6) + 7) \times 8. \\
781243 &= -1 + 2 \times (-3 + (\sqrt{4} - 7)^8). \\
786241 &= 1 + (2 + 4!) \times 6 \times (\sqrt{\sqrt{\sqrt{7^8}}})!. \\
835142 &= (-1 + (2 + 3)!^{\sqrt{4}}) \times 58.
\end{aligned}$$

$$\begin{aligned}
851734 &= 13 \times (-\sqrt{4} + 5 \times 7! + 8!). \\
124539 &= 12^{3!}/4! + 5! + \sqrt{9}. \\
124596 &= (12^4 + 5 \times 6) \times (\sqrt{9})!. \\
124698 &= (1246 + 8!) \times \sqrt{9}. \\
124839 &= (1 + 2) \times (3!^4 + 8!) - 9. \\
124976 &= 12^4 \times 6 + 7!/9. \\
125798 &= 1 + 25 \times (7! - 8) - \sqrt{9}. \\
125879 &= -1 + 25 \times 7! - (8 - \sqrt{9})!. \\
125943 &= 123 \times 4^5 - 9. \\
125978 &= -1 + (2 + 5)! - (7 - 8!) \times \sqrt{9}. \\
125987 &= 1 + 25 \times 7! - 8 - (\sqrt{9})!. \\
126397 &= 12 \times 3^6 + 7^{(\sqrt{9})!}. \\
128495 &= (1 + 2)!!^{\sqrt{4}} - 5^8 + (\sqrt{9})!!. \\
128693 &= -1 + 2 \times (3 + 6!) \times 89. \\
128694 &= ((1 + 2)! + \sqrt{4} \times 6!) \times 89. \\
132479 &= -1 + (-2 + 3! \times (4! + 7)) \times (\sqrt{9})!!. \\
132594 &= 123 \times (-\sqrt{4} + 5! \times 9). \\
132769 &= (-1 + 2^3)^6 + 7! \times \sqrt{9}. \\
135296 &= -1 \times (2^3)! + 56^{\sqrt{9}}. \\
135879 &= 1 \times 3 \times (5 + (7! - 8) \times 9). \\
135897 &= (-1 - \sqrt{3!!} \times 5 + 7! + 8!) \times \sqrt{9}. \\
135978 &= (1 - 35 + 7! + 8!) \times \sqrt{9}. \\
135984 &= ((1 + 3!)! - \sqrt{4^5} + 8!) \times \sqrt{9}. \\
135987 &= (-1 - 3! \times 5 + 7! + 8!) \times \sqrt{9}. \\
136459 &= 1 + (3!! + \sqrt{4}) \times (5! + 69). \\
136589 &= 1 + 3 + 5^6 + 8! \times \sqrt{9}. \\
136594 &= (1 + 3!)! \times 4! + 5^6 + 9. \\
136598 &= 13 + 5^6 + 8! \times \sqrt{9}. \\
137596 &= 13 \times (5^6 - 7!) - 9. \\
137859 &= ((-1 + 3!!) \times 5! - 7 - 8!) \times \sqrt{9}. \\
138469 &= 13 + 4! \times (6! \times 8 + 9). \\
138579 &= ((1 + 3!!) \times 5! - 7 - 8!) \times \sqrt{9}. \\
138597 &= (-1 + (3!! + 5!) \times 7 + 8!) \times \sqrt{9}. \\
138694 &= (1 + 3! + 4!) \times (-6 + 8!/9). \\
138954 &= (-1 - 3!! \times 4! + 5! + 8!) \times (\sqrt{9})!. \\
139546 &= 1 - ((3 + \sqrt{4})! - 5^6) \times 9. \\
139824 &= ((1 + 2)!^{3!} - 48) \times \sqrt{9}. \\
139825 &= 1 + 2 \times (3!^5 - 8) \times 9. \\
143859 &= (-1 + 3!!) \times (4! + 5!) + 8! + \sqrt{9}. \\
143987 &= -13 + 4 \times (-7! + 8! + (\sqrt{9})!!). \\
145926 &= ((1 + 2)^4 + 5!) \times (6 + (\sqrt{9})!!). \\
145973 &= -13 + (4! + 5) \times (7! - (\sqrt{9})!). \\
145976 &= -1 + (4! + 5) \times (-6 + 7!) - 9. \\
145987 &= 1 + (4! + 5) \times \left( \left( \sqrt{\sqrt{\sqrt{7^8}}} \right)! - (\sqrt{9})! \right). \\
146529 &= ((1 + 2)^4 + 5!) \times (6! + 9). \\
146895 &= (-1 + 4) \times (5 + 68 \times (\sqrt{9})!!). \\
146928 &= 12 \times (4 + 6! \times (8 + 9)). \\
147239 &= -1 - ((-2 + 3!)! - 4^7) \times 9. \\
147389 &= -1 + 3! + (4^7 - 8) \times 9. \\
147392 &= -1 \times 2^{3!} + 4^7 \times 9. \\
147596 &= -1 \times 4 + 5 \times (6 \times 7! - (\sqrt{9})!!). \\
148695 &= ((1 + 4)! - 5) \times (\sqrt{6^8} - \sqrt{9}). \\
149583 &= (-1 + (3!! - \sqrt{4}) \times \sqrt{5^8})/\sqrt{9}. \\
149736 &= (1 + 3!)!/4! \times (6! - 7) + (\sqrt{9})!. \\
149853 &= (1 + 3!! - 4) \times (5! + 89).
\end{aligned}$$

$$\begin{aligned}
153792 &= 12 \times (3!^5 + 7 \times (\sqrt{9})!!). \\
154396 &= ((-1 + 3!)! - 4) \times (5 + 6)^{\sqrt{9}}. \\
154698 &= (-1 + 4!) \times (5 + (6 + 8!)/(\sqrt{9})!). \\
154796 &= -1 \times 4 + 5 \times (6! + 7! \times (\sqrt{9})!). \\
154896 &= ((-1 + 4!) \times 5! + 6) \times 8! / (\sqrt{9})!!. \\
156249 &= (1 + 2)!^4 \times 5! + 6! + 9. \\
156492 &= (-12 + 4! \times (5 + 6!)) \times 9. \\
157489 &= 1 + 4! + (5 + \sqrt{\sqrt{78}})^{\sqrt{9}}. \\
157948 &= 1 \times 4 \times (-5! + 7 + 8! - (\sqrt{9})!!). \\
157963 &= (13 - 5)! - 6 + 7^{(\sqrt{9})!}. \\
158394 &= (1 + 3) \times (-\sqrt{4 + 5})!! + 8! - (\sqrt{9})!. \\
158396 &= (1 + 3) \times (5 - 6! + 8! - (\sqrt{9})!). \\
158397 &= -(1 + 3)! \times (5! - 7!) + 8! - \sqrt{9}. \\
158976 &= 1^5 \times (6^7 - 8! \times \sqrt{9}). \\
159487 &= -1 - \sqrt{4^5} \times 7 \times (8 - (\sqrt{9})!!). \\
159834 &= (-1 + 3!! \times (45 - 8)) \times (\sqrt{9})!. \\
159846 &= (1 - (4! - 5) \times 6! + 8!) \times (\sqrt{9})!. \\
163729 &= 1 \times 2^{3!} \times 6! + 7^{(\sqrt{9})!}. \\
163849 &= (-1 + 3!) \times 4^6 \times 8 + 9. \\
164795 &= ((1 + 4)! - 5) \times (6! - 7 + (\sqrt{9})!!). \\
164859 &= -1 - 4 \times (5 - 6! - 8!) + (\sqrt{9})!!. \\
164879 &= -1 + 4 \times (6! + 7! \times 8) + (\sqrt{9})!!. \\
165894 &= 1 \times 4!^5 / (6 \times 8) + (\sqrt{9})!. \\
165984 &= 1 \times \sqrt{4} \times (5! - 6) \times (8 + (\sqrt{9})!!). \\
167329 &= 1 + 2 \times (3!! - 6^7 + 9!). \\
167859 &= (1 + 5^6 + 7 + 8!) \times \sqrt{9}. \\
168395 &= (1 - 3! \times 5^6 + 8^{(\sqrt{9})!}). \\
168947 &= -1 + (\sqrt{4 + 6!}) \times 78 \times \sqrt{9}. \\
172539 &= -(1 + 2)!! + 3^5 \times (-7 + (\sqrt{9})!!). \\
172869 &= 12 \times 6 \times \sqrt{7^8} - \sqrt{9}. \\
173259 &= ((-1 + 2) \times 3)^5 \times (-7 + (\sqrt{9})!!). \\
174892 &= -(1 + 2)!! - 4 + (7 \times 8)^{\sqrt{9}}. \\
174893 &= 1 - 3!! - 4 + (7 \times 8)^{\sqrt{9}}. \\
174895 &= 14^5 - \sqrt{\sqrt{7^8}} - 9!. \\
174896 &= -(1 + 4!) \times 6 + (7 \times 8)^{\sqrt{9}}. \\
174936 &= (-1 + 3^4 \times 6! - 7) \times \sqrt{9}. \\
174956 &= (-1 + 4)^5 \times 6! - 7 + \sqrt{9}. \\
175296 &= -12 \times (5^6 + 7) + 9!. \\
175439 &= -1 + 34 \times (5! + 7 \times (\sqrt{9})!!). \\
175498 &= 1 \times \sqrt{4 - 5!} + (7 \times 8)^{\sqrt{9}}. \\
175692 &= 12 \times (5 + 6)^{\sqrt{7+9}}. \\
175693 &= (1 + 3^5) \times 6! + 7 + (\sqrt{9})!. \\
176259 &= (1 + 2 + 5!) \times (6! - 7 + (\sqrt{9})!!). \\
176295 &= (-1 + (-2 + 5!) \times 6) \times (7! - \sqrt{9}). \\
176395 &= 1 + 35 \times 6! \times 7 - (\sqrt{9})!. \\
176895 &= (-1 \times 5^6 - 7! + 8!) \times 9. \\
178359 &= -1 + 35 \times 7 \times (8 + (\sqrt{9})!!). \\
178369 &= 1 + 3! \times (6 \times 7! - 8^{\sqrt{9}}). \\
178495 &= -1 + 4! \times 5! + (7 \times 8)^{\sqrt{9}}. \\
178496 &= 1 \times 4 \times 6! + (7 \times 8)^{\sqrt{9}}. \\
178943 &= -1 + 3! \times (4^7 + 8!/\sqrt{9}). \\
179685 &= \sqrt{\sqrt{(1 + 5!)^6}} \times (7 + 8) \times 9. \\
183295 &= -1 + (-2 + 3 \times 5!) \times 8^{\sqrt{9}}. \\
183594 &= (-1 - 3^4 \times 5! + 8!) \times (\sqrt{9})!. \\
184293 &= -(1 + 2)^3 + \sqrt{4^8} \times (\sqrt{9})!!. \\
184359 &= (1 - 3!!) \times 4! + 5 \times (8! + \sqrt{9}). \\
184392 &= 12 \times 3! + \sqrt{4^8} \times (\sqrt{9})!!. \\
186592 &= -1 \times 2^5 + 6^8/9. \\
186943 &= -1 + (3!! \times 4 + 6^8)/9. \\
186945 &= 1 + (4! \times 5! + 6^8)/9. \\
187359 &= (1 + 3 \times 5!) \times (7 + 8^{\sqrt{9}}). \\
187439 &= -1 - 3!! + \sqrt{4} \times 7 \times 8!/\sqrt{9}. \\
187964 &= 14 \times (-6 \times 7 + 8!)/\sqrt{9}. \\
189745 &= (1 + 4) \times (5^7 - 8!) + (\sqrt{9})!!. \\
192768 &= (-1 \times 2^{6+7} + 8!) \times (\sqrt{9})!. \\
193248 &= (12 + 3!!) \times 4! \times (8 + \sqrt{9}). \\
193765 &= (-1 \times 3!! + 5^6) \times (7 + (\sqrt{9})!). \\
194365 &= 1 + 3! \times (45 \times 6! - (\sqrt{9})!). \\
194382 &= (1 + 2) \times (3!!^{\sqrt{4}}/8 - (\sqrt{9})!). \\
194672 &= 1 \times 2 \times (4 + 6 \times 7)^{\sqrt{9}}. \\
195273 &= 12^3 \times (5! - 7) + 9. \\
195328 &= (1 + 2)!^3 + 58^{\sqrt{9}}. \\
195783 &= -(1 + 3!!) \times 5! + 7 \times (8! + 9). \\
195832 &= (1 + 2 + 3)! + 58^{\sqrt{9}}. \\
195834 &= (-1 + 34 \times 5! \times 8) \times (\sqrt{9})!. \\
195837 &= (-1 \times 3!! + 5 \times 7!) \times 8 - \sqrt{9}. \\
195843 &= 1 \times 3!^4 \times 5! + 8! + \sqrt{9}. \\
195846 &= (1 + 4 \times 5! \times 68) \times (\sqrt{9})!. \\
196573 &= 13 \times (-5 + 6 + 7! \times \sqrt{9}). \\
196752 &= 1 \times 2 \times (-5! + 6^7) - 9!. \\
196872 &= (1 + 2 \times 6) \times (7! + 8) \times \sqrt{9}. \\
197328 &= (1 + 2)!! + (-3 + 7)^8 \times \sqrt{9}. \\
197365 &= 13 \times 5^6 - 7! - (\sqrt{9})!!. \\
197385 &= (1 - 3!) \times (5! \times 7 - 8! + \sqrt{9}). \\
197845 &= -(1 + 4!) + 5 \times (-7 + 8! - (\sqrt{9})!!). \\
198624 &= 12 \times (4! \times 6! - 8 - (\sqrt{9})!!). \\
198645 &= (1 + 4) \times (5! - 6! + 8! + 9). \\
215936 &= 1 \times (2^3)! + 56^{\sqrt{9}}. \\
234198 &= (1 + 2)! \times (-3!^4 + 8! + 9). \\
235179 &= 1 - 2 \times (\sqrt{3!} \times 5 - 7^{(\sqrt{9})!}). \\
239617 &= -1 + 2 \times (3 \times 6! + 7^{(\sqrt{9})!}). \\
241579 &= 1 + ((2 \times 4!) - 57) \times (\sqrt{9})!. \\
245931 &= ((1 + 2)!! - 3) \times (\sqrt{4 + 5})^{\sqrt{9}}. \\
249175 &= ((1 + 2) \times 4)^5 + 7^{\sqrt{9}}. \\
249561 &= ((1 + 2) \times 4)^5 + 6! + 9. \\
251986 &= (-1 + 25 \times 6!) \times (8 + (\sqrt{9})!). \\
254916 &= (12 + (-\sqrt{4 + 5!}) \times 6!) \times \sqrt{9}. \\
257819 &= (1 + 2)!! - 5 - 7! + 8^{(\sqrt{9})!}. \\
259167 &= -12 + (5! \times 6! - 7) \times \sqrt{9}. \\
259314 &= (1 + 2)!! \times 3!!/\sqrt{4 + 5!} - (\sqrt{9})!. \\
259841 &= 1 + (2 \times 4)! \times 58/9. \\
261895 &= 1 - 2 \times \sqrt{5^6} + 8^{(\sqrt{9})!}. \\
261958 &= (1 - 2^5) \times 6 + 8^{(\sqrt{9})!}. \\
267189 &= 1 - 2 + 6 + 7! + 8^{(\sqrt{9})!}. \\
267193 &= 1 \times 2^{3 \times 6} + 7! + 9. \\
267194 &= 1 + (2 \times 4)^6 + 7! + 9. \\
267198 &= (1 \times 2 + 6!) \times 7 + 8^{(\sqrt{9})!}. \\
269154 &= (1 + 2)! \times (4 - 5^6) + 9!. \\
271985 &= 1 + 2 \times (-5! + 7!) + 8^{(\sqrt{9})!}. \\
273169 &= (1 + 2)!^3 \times 6! + 7^{(\sqrt{9})!}. \\
274619 &= -(1 + 2)! + (-\sqrt{4 + 67})^{\sqrt{9}}.
\end{aligned}$$

$$\begin{aligned}
279156 &= -12 \times 5 + 6^7 - (\sqrt{9})!! \\
279168 &= -(1+2)!! + 6^7 - 8 \times (\sqrt{9})! \\
279813 &= -1 - 2 + 3!^7 - (8 - \sqrt{9})! \\
279815 &= -1 + (-2+5)!^7 - (8 - \sqrt{9})! \\
279816 &= (12-6)^7 - (8 - \sqrt{9})! \\
279841 &= (1-24)^{-7+8+\sqrt{9}} \\
279861 &= -1 - 2 + 6^7 - 8 \times 9 \\
281397 &= -123 + 7 \times 8! - (\sqrt{9})!! \\
281759 &= -1 + 2 \times 5! + 7 \times 8! - (\sqrt{9})!! \\
281793 &= 1 - (2^3 - 7!) \times 8! / (\sqrt{9})!! \\
281957 &= -1 - 2 \times 5! + 7 \times (8! - (\sqrt{9})!) \\
283971 &= 12^3 + 7 \times 8! + \sqrt{9} \\
285719 &= (12+5) \times 7^{8-\sqrt{9}} \\
286719 &= -1 + 2^6 \times 7! \times 8/9 \\
287159 &= 1 - 2 - 5! + 7 \times (8! + (\sqrt{9})!!) \\
287169 &= 1 + 2^6 \times (7+8!/9) \\
287519 &= -1 + 2 \times 5! + 7 \times (8! + (\sqrt{9})!!) \\
293471 &= -1 - 2 \times (3!! - 4^7 \times 9) \\
293718 &= (12 \times 3!! - 7 + 8!) \times (\sqrt{9})! \\
293751 &= 12 \times (-3!! + 5 \times 7!) - 9 \\
293761 &= 1 - 2 \times 3! \times (6! + 7!) + 9! \\
294168 &= (1 + (2+4!)) \times 68 \times (\sqrt{9})! \\
295681 &= 1 + 2 \times (5+6) \times 8! / \sqrt{9} \\
296145 &= ((1+2)!! \times 4! + 5^6) \times 9 \\
312459 &= -(1+2) \times (3+4)^5 + 9! \\
315649 &= 1 - (3! - 4!)^5 / 6 + (\sqrt{9})!! \\
315978 &= ((1+3!! \times 5!) / 7 + 8!) \times (\sqrt{9})! \\
316289 &= 1 - 2^{3!} \times (6! + 8) + 9! \\
316792 &= -1 + (-2^{3!} \times 6! - 7 + 9!) \\
317549 &= (1+3!)! + 4 \times 5^7 + 9 \\
317589 &= (1+3)! + (5-7!+8!) \times 9 \\
318597 &= -1 \times 3 + (5! - 7! + 8!) \times 9 \\
318945 &= (1-3!! - 4) \times 5 - 8! + 9! \\
318956 &= -1 - 3 - 5 \times 6! - 8! + 9! \\
318965 &= -1 + 3! - 5 \times 6! - 8! + 9! \\
319468 &= (1+3!)! - 4 + 68^{\sqrt{9}} \\
319584 &= -(1+3!) \times (4+5!) - 8! + 9! \\
319685 &= (1-3!!) \times 5 + 6! - 8! + 9! \\
319865 &= -1 + (3!! \times 5 - 6) \times 89 \\
319872 &= (1+2)!^{3!} \times 7 - 8! / (\sqrt{9})! \\
327891 &= 1 + 2 - 3!^7 / 8 + 9! \\
341952 &= -12 \times (3!! + 4^5) + 9! \\
345192 &= -(12+3!!) \times 4! - 5! + 9! \\
347219 &= (1+2)!! + 3 - 4^7 + 9! \\
349175 &= 1 - (3! - 4^5) \times 7^{\sqrt{9}} \\
349516 &= 1 - 3^4 \times (5-6! \times (\sqrt{9})!) \\
349517 &= (1-3!+4^5) \times 7^{\sqrt{9}} \\
351279 &= -(1+2)^{3+5} - 7! + 9! \\
351976 &= 1 - 3 \times 5 \times (6! + 7) + 9! \\
352971 &= (1+2) \times (3+5+7^{(\sqrt{9})!}) \\
356179 &= 13^5 + 6 - 7! \times \sqrt{9} \\
357691 &= 1 - 3!! / 5 - 6 - 7! + 9! \\
357819 &= 1 - 3! \times 5 - 7! + 8 + 9! \\
357891 &= -(1+3!)! - 5 + 7 \times 8 + 9! \\
357916 &= -1 + (3! + 5 - 6!) \times 7 + 9! \\
357918 &= -(-1+3+5)! + 78 + 9! \\
358491 &= (1+3!) \times (-\sqrt{4} - \sqrt{5^8}) + 9! \\
359128 &= -1 \times 2 - 3! \times \sqrt{5^8} + 9! \\
359146 &= -134 - 5 \times 6! + 9! \\
359184 &= (1-34) \times (5! - 8) + 9! \\
359216 &= -1 \times 2^{3!} - 5 \times 6! + 9! \\
359412 &= 12 - (3!! - 4!) \times 5 + 9! \\
359814 &= 1 \times 3! - 4! \times (5! + 8) + 9! \\
361479 &= -1 \times 3 \times 467 + 9! \\
361589 &= 1^3 \times 5 - \sqrt{6^8} + 9! \\
361592 &= -1 \times 23 \times 56 + 9! \\
361598 &= -1 + 3 \times 5 - \sqrt{6^8} + 9! \\
361759 &= 1 - 3! \times (5! + 67) + 9! \\
361859 &= -1 - 3 \times 5 \times 68 + 9! \\
361895 &= -1 + (3-5!-6) \times 8 + 9! \\
361927 &= -(1+2)!! / 3 - 6! + 7 + 9! \\
361957 &= 1 - (3! + 5! + 6) \times 7 + 9! \\
361974 &= 1 - 3!! / 4 - 6! - 7 + 9! \\
361985 &= -1 - 3!! - 5! - (6-8!) \times 9 \\
362179 &= 12 - (\sqrt{36})! + 7 + 9! \\
362198 &= 1 \times 2 - 3!! + \sqrt{\sqrt{6^8}} + 9! \\
362719 &= (1 + (2-3!) \times 6) \times 7 + 9! \\
362791 &= 1 - 23 - 67 + 9! \\
362917 &= 1 + 23 + 6 + 7 + 9! \\
362971 &= 12 + (3+6)! + 79 \\
364129 &= 1 \times \sqrt{23^4} + 6! + 9! \\
364198 &= 1 - 3 + (4! + \sqrt{6^8} + 9!) \\
364891 &= -1 + 3!! - 4 + \sqrt{6^8} + 9! \\
364915 &= -13 + \sqrt{4^{5+6}} + 9! \\
365189 &= (1+3!!) \times 5 - \sqrt{6^8} + 9! \\
367159 &= 1 + 3! \times (5! \times 6 - 7) + 9! \\
367192 &= 1^2 - 3^6 + 7! + 9! \\
367195 &= 1 - 3! \times 5! - 6 + 7! + 9! \\
367219 &= 12 + 3!! \times 6 + 7 + 9! \\
367912 &= 1^2 - 3 - 6 + 7! + 9! \\
367915 &= 1^{35} - 6 + 7! + 9! \\
367921 &= 1^{236} + 7! + 9! \\
367951 &= 1^3 + 5 \times 6 + 7! + 9! \\
368129 &= 1 + (2-3+6!) \times 8^{\sqrt{9}} \\
368159 &= -1 - (\sqrt{3!} \times 5 - 6!) \times 8 + 9! \\
368519 &= -1 - (3 \times 5 - 6!) \times 8 + 9! \\
368591 &= -1 + (3! \times 5! - 6) \times 8 + 9! \\
369174 &= (1+3!)! / 4 - 6 + 7! + 9! \\
369217 &= 1 + 2^{3!} \times (6! + 7! + 9) \\
371492 &= 12 \times 3!! - 4 \times 7 + 9! \\
371695 &= 13^5 + 67 \times (\sqrt{9})! \\
371895 &= (1+3!! - 5!) \times (7+8) + 9! \\
372961 &= 1 + 2 \times (\sqrt{36})! \times 7 + 9! \\
375192 &= (1+2)!^3 \times 57 + 9! \\
375619 &= 13^5 + 6 + 7! - (\sqrt{9})!! \\
375691 &= 1 + 3!^5 - 6 + 7! + 9! \\
379241 &= -1 \times 23 + 4^7 + 9! \\
381496 &= 13 \times (\sqrt{4} \times 6! - 8) + 9! \\
384961 &= 13^4 + (-6! + 8!) \times 9 \\
385169 &= (1-3!!) \times (5 - \sqrt{\sqrt{6^8}}) + 9! \\
385914 &= -1 \times 3! + 4! \times 5! \times 8 + 9! \\
389761 &= 1 + (36-7) \times 8! / \sqrt{9} \\
391584 &= (1-3!!) \times (4! - 5!) - 8! + 9! \\
391675 &= 1 - 3! - 5 \times (6! + 7!) + 9! \\
391685 &= -1 + 3! + 5 \times 6! \times 8 + 9!
\end{aligned}$$

$$\begin{aligned}
391728 &= 12 \times (3 + \sqrt{7^8}) + 9!. \\
392147 &= (-(1 + 2)! + 3!!)^{\sqrt{4}} - 7^{(\sqrt{9})!}. \\
394761 &= (1 + 3!!/4) \times (6! + 7) \times \sqrt{9}. \\
395641 &= -1 + (3! + \sqrt{4})^5 - 6 + 9!. \\
395712 &= 12 \times (3!^5 - 7!) + 9!. \\
396715 &= (-1 + 3!!) \times 5 + 6 \times 7! + 9!. \\
397418 &= -1 + 3!!^{\sqrt{4}} - (7 + 8!) \times \sqrt{9}. \\
398154 &= -1 - (3 + 4)! + 5 + 8! + 9!. \\
398157 &= -1 + 3 - 5 - 7! + 8! + 9!. \\
398175 &= 1 \times 3 \times 5 - 7! + 8! + 9!. \\
398641 &= 1 + ((3! + 4)! - 6! - 8!)/9. \\
398716 &= -1 - 3 + (6! \times 7! - 8!)/9. \\
413769 &= (1 + 3^4) \times (6 + 7!) - \sqrt{9}. \\
413792 &= (1 + 2)^{3 \times 4} - 7^{(\sqrt{9})!}. \\
417953 &= -1 + 3^4 \times (5! + 7!) - (\sqrt{9})!. \\
418329 &= 123^{\sqrt{4}} + 8! + 9!. \\
419783 &= -1 - 3!! + 4! \times \sqrt{7^8} + 9!. \\
421935 &= (1 + 2)! + \sqrt{3^{4 \times 5}} + 9!. \\
421956 &= (1 + 2 + 4!) \times (5^6 + \sqrt{9}). \\
425971 &= (-1 + (2 \times 4)^5) \times (7 + (\sqrt{9})!). \\
428391 &= -1 - (-2 + 3!!) + 4^8 + 9!. \\
429138 &= 1 \times 2 + 3!! + 4^8 + 9!. \\
431975 &= (-1 + 3!! \times 4!) \times 5^{-7+9}. \\
438971 &= 1 - 3! + (-\sqrt{4} + 78)^{\sqrt{9}}. \\
452791 &= 1 + 2 \times 45 \times (7! - 9). \\
456192 &= 12^4 \times (-5 + \sqrt{6! + 9}). \\
456197 &= 1 - 4 \times (5 \times 6! - 7^{(\sqrt{9})!}). \\
457198 &= -1 \times \sqrt{4} + (5 + 7!/8) \times (\sqrt{9})!!. \\
458319 &= -1 + 34 \times (5! + 8!)/\sqrt{9}. \\
458791 &= -1 + (4! - 5) \times (7! + 8) + 9!. \\
459361 &= 1 + (-3!! + 4!) \times (\sqrt{5 \times 6!} - (\sqrt{9})!!). \\
469371 &= (1 + 3!!) \times (-\sqrt{4} - 67 + (\sqrt{9})!!). \\
472319 &= -1 + (-2^{3!} + (-4 + 7)!!) \times (\sqrt{9})!!. \\
473159 &= -1 + 3!!^{\sqrt{4}} + 5! - 7! \times 9. \\
475139 &= (1 + 3!!) \times (-4 - 57 + (\sqrt{9})!!). \\
475198 &= -1 \times \sqrt{4} + (5 + 7) \times (8! - (\sqrt{9})!!). \\
478129 &= 1 + 2 \times 4! \times \sqrt{7^8} + 9!. \\
478915 &= (-1 + 4!) \times (5 + 7!) + 8! \times 9. \\
481392 &= -12 \times (3! \times 4! - 8!) - (\sqrt{9})!!. \\
481679 &= -1 - (\sqrt{4} - 6! + \sqrt{\sqrt{7^8}}) \times (\sqrt{9})!!. \\
481695 &= (-1 + 4) \times (5 - 6! + 8!) + 9!. \\
483915 &= (-1 + 3! + 4 \times (5 + 8!)) \times \sqrt{9}. \\
483951 &= 1 \times 3 + \sqrt{4! + 5!} \times (8! + 9). \\
485197 &= 1 + 4 \times (5! - 7 + 8!) \times \sqrt{9}. \\
485319 &= (13 + 4 \times (5! + 8!)) \times \sqrt{9}. \\
491385 &= (-1 - 3!! + 4!) \times (5!/8 - (\sqrt{9})!!). \\
492183 &= 12 \times (3!! - 4! + 8!) - 9. \\
496128 &= (1 + 2) \times (4^6 + 8!) + 9!. \\
496175 &= -1 + 4! \times (5^6 + 7! + 9). \\
498176 &= 14 \times (6^7 + 8!)/9. \\
498315 &= (1 - 3!! + 4!) \times (-5 + 8 - (\sqrt{9})!!). \\
513479 &= -1 + 3!!^{\sqrt{4}} + 5! - 7 \times (\sqrt{9})!!. \\
513968 &= (1 - 3 \times 5 + 6!) \times (8 + (\sqrt{9})!!). \\
514796 &= ((-1 + 4)!! - 5) \times 6! - 7 + \sqrt{9}. \\
514839 &= 13 \times (\sqrt{4 + 5} + 8! - (\sqrt{9})!!). \\
516927 &= 1 \times 2 + (5 + 6!) \times (-7 + (\sqrt{9})!!).
\end{aligned}$$

$$\begin{aligned}
516934 &= (-1 + 3!!)^{\sqrt{4}} - 5 \times 6 + \sqrt{9}. \\
517639 &= 1 - (3! + 5! \times 6) \times (7 - (\sqrt{9})!!). \\
517692 &= 12 + 5! \times (-6 + 7! - (\sqrt{9})!!). \\
517698 &= (1 + 5!) \times 6! - 78 \times 9. \\
517926 &= (1 + 2)! \times (5! \times 6! - 79). \\
517938 &= (1 + 3!! \times 5! - 78) \times (\sqrt{9})!. \\
517968 &= \sqrt{(1 + 5)^6} \times (\sqrt{7^8} - \sqrt{9}). \\
518279 &= -1 + (2 \times 5)!/7 - (8 - \sqrt{9})!. \\
518294 &= (1 + 2)!!^{\sqrt{4}} - 5! + 8 + (\sqrt{9})!. \\
518349 &= 1 + 3!!^{\sqrt{4}} - 58 + (\sqrt{9})!. \\
518369 &= -1 - 3! \times (5 - 6! \times (8 - (\sqrt{9})!!)). \\
518394 &= 1 \times 3!!^{\sqrt{4}} - 5 + 8 - 9. \\
518396 &= 1^3 - 5 + 6!^{8-(\sqrt{9})!}. \\
518397 &= 1 \times 3!! \times (5 - 7 + 8!) - \sqrt{9}. \\
518493 &= -1 + 3!!^{\sqrt{4}} + 5 + 89. \\
518496 &= (1 \times 4! + 5! \times 6! - 8) \times (\sqrt{9})!. \\
518497 &= 1 - 4! \times (5 - \sqrt{7^8} \times 9). \\
519234 &= (1 + 2)!! + 3!!^{\sqrt{4}} + 5! - (\sqrt{9})!. \\
519246 &= (1 + 2)!!^{\sqrt{4}} + 5! + 6 + (\sqrt{9})!!. \\
519247 &= -1 + 2^{4!-5} - 7 \times (\sqrt{9})!!. \\
519248 &= (1 + 2)!!^{\sqrt{4}} + 5! + 8 + (\sqrt{9})!!. \\
519476 &= -1 \times 4 + 5! \times (-6! + 7! + 9). \\
519734 &= (1 + 3!!)^{\sqrt{4}} - 5! + 7 + (\sqrt{9})!. \\
519834 &= (1 + 3!!)^{\sqrt{4}} - \sqrt{58 - 9}. \\
519837 &= (-1 + 3!!) \times ((5 - 7 + 8)! + \sqrt{9}). \\
519843 &= (1 + 3!!)^{\sqrt{4}} + \sqrt{5 + 8 - 9}. \\
521896 &= (1 + (2 + 5!) \times 6) \times (-8 + (\sqrt{9})!!). \\
521936 &= -1 \times 2^{3!} + (5 + 6!) \times (\sqrt{9})!!. \\
521976 &= ((1 + 2)!! + 5) \times 6! - (\sqrt{7 + 9})!. \\
521986 &= ((1 + 2)!! + 5) \times 6! - 8 - (\sqrt{9})!. \\
524179 &= ((1 + 2)!! + 4)^{-5+7} + \sqrt{9}. \\
529173 &= (1 + 2) \times (35 \times 7! - 9). \\
529761 &= (1 - 2 \times 5)^6 - 7!/ \sqrt{9}. \\
531249 &= 1 - 2 + 34 \times 5^{(\sqrt{9})!}. \\
539412 &= 12 + (3!! + 4!) \times (5 + (\sqrt{9})!!). \\
539418 &= (-1 + 3!! + 4!) \times ((-5 + 8)! + (\sqrt{9})!!). \\
543916 &= 1 + (3!! + 45) \times (6! - 9). \\
543961 &= (1 - 3!!)^{\sqrt{4}} + (5 \times 6)^{\sqrt{9}}. \\
564891 &= 14 \times (5 \times 6 + 8!) - 9. \\
574916 &= 14 + (5! - 6) \times (7! + \sqrt{9}). \\
581279 &= -1 + (-2 + 5!) \times 7! - 8!/\sqrt{9}. \\
586971 &= \sqrt{\sqrt{(1 + 5!)^6}} \times \sqrt{\sqrt{7^8}} \times 9. \\
589176 &= 1 - 5^6 + 7! \times (8 - \sqrt{9})!. \\
594716 &= -1 + (4 + 5! - 6) \times 7! - \sqrt{9}. \\
594718 &= -1 + ((-\sqrt{4} + 5!) \times 7! + 8 - 9). \\
596147 &= -1 - (\sqrt{4} - 5!) \times (6 + 7!) + (\sqrt{9})!!). \\
614879 &= -1 + ((4 + 6!) \times 7! + 8!)/(\sqrt{9})!. \\
617859 &= \sqrt{1 + 5!} \times (6! \times 78 + 9). \\
618239 &= -1 + 23 \times 6 \times 8!/9. \\
621359 &= -1 + (23 + 5! + 6!) \times (\sqrt{9})!!. \\
631729 &= (1 + 2)!! \times (3!! - 6) + 7^{(\sqrt{9})!}. \\
635791 &= 1 - 3! + (5! + 6) \times (7! + (\sqrt{9})!). \\
642791 &= -1 - 24 + 6^7 + 9!. \\
651839 &= -1 + (3!! + 5!) \times (6! + 8!)/(\sqrt{9})!!). \\
653198 &= (1 + 3!^5 \times 6) \times (8 + (\sqrt{9})!).
\end{aligned}$$

$$\begin{aligned}
673912 &= -1 + 2 \times 3!! \times 6! - 7 - 9!. \\
673915 &= 1 - (3 - 5!) \times (6! + 7!) - (\sqrt{9})!. \\
673921 &= 1 + 2 \times (3! \times (6! - 7!) + 9!). \\
675419 &= -1 + \sqrt{4} \times (5 \times (6 - 7!) + 9!). \\
679518 &= (15 \times (-6 + 7!) - 8) \times 9. \\
679581 &= (-1 + 5! \times (-6 + 7!)/8) \times 9. \\
681495 &= -1 + 4! + ((5 + 6) \times 8)^{\sqrt{9}}. \\
683915 &= -13 \times (5^6 - 8!) + 9!. \\
685391 &= -1 + ((3 + 5)! - 6) \times 8 + 9!. \\
685491 &= (1 - 4 + 5!/6) \times (8! + \sqrt{9}). \\
691584 &= 1 \times 4! + 5! \times (6! \times 8 + \sqrt{9}). \\
694531 &= (1 + 3!)^4 - \sqrt{5^6} + 9!. \\
698152 &= (-1 + 2 \times 5! + 6!) \times (8 + (\sqrt{9})!!). \\
715392 &= 1 \times 2 \times (-3!!/5 - 7! + 9!). \\
719568 &= (1 + 5)! + (6^7 - 8!) \times \sqrt{9}. \\
719625 &= 125 \times (6! + 7! - \sqrt{9}). \\
723169 &= 1 - 2 \times (\sqrt{3! \times 6^7} - 9!). \\
725619 &= 1 + 2 \times (-\sqrt{-5 + 6 + 7!} + 9!). \\
725891 &= 1 + 2 \times (57 + 8 + 9!). \\
725916 &= 1 \times 2 \times (5! - 6 \times 7 + 9!). \\
726139 &= 1 + 2 \times (\sqrt{3^6} \times 7 + 9!). \\
726193 &= 1 + (-2 + 3!)! \times 6 \times (7! + \sqrt{9}). \\
726319 &= -1 + 2 \times (3 + 6)! + 7!/9. \\
726918 &= (1 + (-2 + 6)! \times (7! + 8)) \times (\sqrt{9})!. \\
732961 &= 1 - 2 \times (3!! + 6! - 7! - 9!). \\
734195 &= (1 + 3!!)^{\sqrt{4}} \times 5/7 + 9!. \\
745169 &= (1 + 4^5) \times (6! + 7) - (\sqrt{9})!. \\
751392 &= 1 \times 2 \times (3!^5 + 7! + 9!). \\
759312 &= (12 + 3)^5 - 7 \times 9. \\
786192 &= (1 \times 26 \times 7! - 8) \times (\sqrt{9})!. \\
813967 &= (1 + 3!!/6) \times (7 + 8!/(9)!!). \\
821953 &= 1 + 2 \times (3!^5 + 8! + 9!). \\
831495 &= (1 \times 3 - 4!) \times (5 - 8! + (\sqrt{9})!!). \\
831792 &= (1 + 2) \times (3 \times 7! + 8^{(\sqrt{9})}). \\
835194 &= ((-1 + 3!)^{\sqrt{4}}) \times 58 - (\sqrt{9})!. \\
835917 &= (-1 - 3!! \times 5 + 7 \times 8!) \times \sqrt{9}. \\
839761 &= 1 + 3 \times 6^7 - 8 \times (\sqrt{9})!. \\
846591 &= (1 + 4 \times 5) \times (-6 + 8!) - \sqrt{9}. \\
859371 &= -1 - 3 + 5^7 \times (8 + \sqrt{9}). \\
897124 &= 1 \times 2 \times (\sqrt{4} + 7! \times 89). \\
897132 &= 1 \times 2 \times (3! + 7! \times 89). \\
912673 &= ((12 + 3) \times 6 + 7)^{\sqrt{9}}. \\
914385 &= (1 + 3!^4) \times (-5!/8 + (\sqrt{9})!!). \\
915843 &= (1 + 3!! \times 4 \times 5! - 8!) \times \sqrt{9}. \\
917286 &= 1 \times 26 \times (-7! + 8!) + (\sqrt{9})!. \\
917384 &= -(-1 + 3!)! + 4^7 \times 8!/(9)!!). \\
917483 &= (1 + 3!) \times (4^7 \times 8 - \sqrt{9}). \\
921456 &= (1 + 2!)^4 \times (5! \times 6 - 9). \\
927351 &= 1 \times (2^{3!} + 5!) \times 7! - 9. \\
927361 &= 1 + 23 \times (6 - 7 + 9)!. \\
931684 &= 1 + 3 - (\sqrt{4} - \sqrt{6^8}) \times (\sqrt{9})!!). \\
932681 &= -1 + (-2 + 3!!) \times (\sqrt{6^8} + \sqrt{9}). \\
937512 &= 1 \times 2 \times (3! + 5^7 \times (\sqrt{9})!). \\
947518 &= 1 - 4! \times (5! \times 7 - 8!) - \sqrt{9}. \\
951264 &= (1 + 2!)^4 \times (5 + 6! + 9). \\
953184 &= (1 + 3!) \times (-4 + 5! + 8! - (\sqrt{9})!!).
\end{aligned}$$

$$\begin{aligned}
963145 &= 1 - 3!!^{\sqrt{4}} + (5! - 6)^{\sqrt{9}}. \\
967128 &= 1 \times (-2 + 6)! \times (7 + 8!) - (\sqrt{9})!!). \\
968154 &= 1 \times 4 \times (5! + 6 \times 8!) - (\sqrt{9})!. \\
968751 &= 1 + 5^6 \times (7 \times 8 + (\sqrt{9})!). \\
971562 &= (1 + 2^5 \times 6) \times (7! - (\sqrt{9})!). \\
973561 &= 1 + (3!! + 5!) \times (6! + 7) + 9!. \\
976321 &= 1 - 2 \times 3!! \times (6 \times 7 - (\sqrt{9})!!). \\
234578 &= 2 + 3!^{\sqrt{4+5}} - 7! - 8!. \\
245378 &= 2 + 3! \times (4!^{-5+7} + 8!). \\
253874 &= 2 + (3 \times 4)^5 + (\sqrt{\sqrt{7^8}})!. \\
278634 &= 2 - 3!^4 + 6^7 - 8. \\
284753 &= 23^4 - 5! + 7! - 8. \\
326578 &= (-2 + 3!^5 \times 6) \times \sqrt{\sqrt{\sqrt{7^8}}}. \\
326784 &= 2^{3!} \times (-4! + 6!) + 7 \times 8!. \\
347852 &= 23 \times (4 - 5 \times 7! + 8!). \\
354278 &= 2 \times (3^{-4!+5 \times 7} - 8). \\
362857 &= -23 + ((5 + 67)/8)!. \\
365287 &= (-2 + 3! + 5!)! + 6 + \sqrt{7^8}. \\
376824 &= 23 \times (4!/6)^7 - 8. \\
423768 &= 2 \times (34 \times (6 + 7!) + 8!). \\
453628 &= (2 + 3!! \times 45) \times (6 + 8). \\
453872 &= 2 + 3!! \times (-\sqrt{4} + 5 + 7!)/8. \\
456728 &= 2 - 4! + (5 + 6!) \times 7!/8. \\
457382 &= 2 + (3! + (\sqrt{4} + 5)!!) \times 7!/8. \\
468723 &= ((-2 + 3!)! + (4! + 6!) \times 7!)/8. \\
468732 &= 2 \times 3! + (4! + 6!) \times 7!/8. \\
468752 &= 2 + \sqrt{4} \times 5^6 \times (7 + 8). \\
478236 &= 2 \times 3! \times (-467 + 8!). \\
523684 &= (-2 + 3!!)^{\sqrt{4}} + 5! \times 68. \\
532784 &= (2 \times (3 + 4))^5 - (\sqrt{\sqrt{\sqrt{7^8}}})!. \\
564278 &= 2 \times (4! - \sqrt{5^6} + 7 \times 8!). \\
583264 &= (2 + 3!!) \times (\sqrt{4^5} + 6!) + 8!. \\
584672 &= (2^{4 \times 5} + 6! \times 7!)/8. \\
685432 &= -2 + (3! + 4!)/5 - 6 - 8!. \\
725846 &= 2 \times ((4 + 5)! - 6 + \sqrt{\sqrt{7^8}}). \\
726348 &= 2 \times ((3^{\sqrt{4}})! + 6 \times \sqrt{\sqrt{7^8}}). \\
726384 &= 2 \times (3^{\sqrt{4}})! - 6 + 7!/8. \\
726438 &= 2 \times (3^{\sqrt{4}})! + 678. \\
823574 &= 23 + (\sqrt{4} + 5)^7 + 8. \\
234597 &= (2 + 3 \times 4! + 5^7) \times \sqrt{9}. \\
235796 &= 2 \times (3^5 + 6 + 7^{(\sqrt{9})}). \\
236894 &= 2 + 3! \times (\sqrt{4} - 6! + 8!) - (\sqrt{9})!!). \\
237498 &= 2 \times (-3!! - 4! + 7 + 8!) \times \sqrt{9}. \\
237594 &= 2 \times (3!! - 4! \times (5! - 7!) - \sqrt{9}). \\
237894 &= (2 - 3!! + 47 + 8!) \times (\sqrt{9})!. \\
237984 &= (2^{3!} - (-4 + 7)!! + 8!) \times (\sqrt{9})!. \\
238794 &= 23^4 - 7 - 8! - (\sqrt{9})!!). \\
238795 &= -(2 + 3)^5 + 7! \times 8 \times (\sqrt{9})!. \\
239568 &= (2^{3!} + 5!) \times (\sqrt{6^8} + (\sqrt{9})!). \\
239658 &= (-2 - 3 \times \sqrt{5^6} + 8!) \times (\sqrt{9})!. \\
239748 &= (-2 + 3!!/\sqrt{4} + 7! \times 8) \times (\sqrt{9})!. \\
239754 &= (-2 + 3!! \times (-\sqrt{4} + 5! - 7)) \times \sqrt{9}. \\
239758 &= -2 - 3 \times ((5 - 7) \times 8! + (\sqrt{9})!!).
\end{aligned}$$

$$\begin{aligned}
239768 &= 2 \times 3!! + (6 + 7 \times 8)^{\sqrt{9}}. \\
239784 &= (-2 + 3!)! \times (\sqrt{4} \times 7! - 89). \\
239846 &= 2 - (346 - 8!) \times (\sqrt{9})!. \\
239856 &= -(2 + 3 \times (5! - 6) - 8!) \times (\sqrt{9})!. \\
239864 &= 2 - (\sqrt{(3 + 4)^6} - 8!) \times (\sqrt{9})!. \\
243597 &= 2 \times (3!! \times 4! + 5!) \times 7 - \sqrt{9}. \\
243598 &= -2 + (3!! \times 4! + 5!) \times (8 + (\sqrt{9})!). \\
243795 &= (2^3 + 4)^5 - 7! + \sqrt{9}. \\
243976 &= -2 + 3! \times ((\sqrt{4} + 6)! + 7^{\sqrt{9}}). \\
245398 &= -2 + (3!! - 4!) \times 5 + 8! \times (\sqrt{9})!. \\
245968 &= -2 + (-45 + 6! + 8!) \times (\sqrt{9})!. \\
246389 &= 2 + 3 + (4! + 6! + 8!) \times (\sqrt{9})!. \\
246937 &= -2 + 3 - 4! + 6! \times 7^{\sqrt{9}}. \\
246938 &= 2 + 3!! + (-4 + 6! + 8!) \times (\sqrt{9})!. \\
246957 &= (-2 + 45 + 6) \times 7! - \sqrt{9}. \\
246958 &= 2 - 4 + (5! + 6! + 8!) \times (\sqrt{9})!. \\
247956 &= 2 \times (-\sqrt{4} + 5^6 + 7!) \times (\sqrt{9})!. \\
247965 &= 2 \times 4! \times (5! + 6 + 7!) - \sqrt{9}. \\
248697 &= (2 \times 4)^6 - 7 - 8!/\sqrt{9}. \\
249563 &= 2 + (3 \times 4)^5 + 6! + 9. \\
249637 &= 23^4 + (6 - 7!) \times (\sqrt{9})!. \\
249657 &= 2^4 \times 5^6 - 7^{\sqrt{9}}. \\
249738 &= ((2 \times 3)^4 + 7 + 8!) \times (\sqrt{9})!. \\
249856 &= (2 + 4 \times 5! + 6) \times 8^{\sqrt{9}}. \\
253479 &= 2 + (3!! + 4! - 5) \times 7^{\sqrt{9}}. \\
253798 &= -2 - 3 \times 5! \times (7 + 8 - (\sqrt{9})!). \\
253984 &= -2 \times 34 \times 5! + 8^{(\sqrt{9})!}. \\
254896 &= -2 \times (4! + 5 \times 6!) + 8^{(\sqrt{9})!}. \\
254978 &= 2 - 4^5 \times 7 + 8^{(\sqrt{9})!}. \\
256389 &= (23 + 5! \times (6! - 8)) \times \sqrt{9}. \\
256498 &= (2 + 4 \times 5! \times 6) \times 89. \\
256978 &= -(\sqrt{25})! - 6 - 7! + 8^{(\sqrt{9})!}. \\
257394 &= 2 \times 3 \times (4! + (5 \times 7)^{\sqrt{9}}). \\
257398 &= -2 + 3 \times (5! + 7! \times (8 + 9)). \\
257934 &= -2 + (3!! + \sqrt{4^5}) \times (7^{\sqrt{9}}). \\
257936 &= (2 + 3! \times 5 + 6!) \times 7^{\sqrt{9}}. \\
257964 &= -(2 - 4^5 \times 6) \times 7 \times (\sqrt{9})!. \\
258394 &= 2^{-3!+4!} - \sqrt{5^8} \times (\sqrt{9})!. \\
258496 &= (2 + 45 \times 6!) \times 8 - (\sqrt{9})!. \\
258936 &= (2 + 3!! \times 5! - 6!/8) \times \sqrt{9}. \\
259346 &= 2 + 3! \times 4! + 5! \times 6! \times \sqrt{9}. \\
259368 &= (2^{3!} + 5! \times 6! - 8) \times \sqrt{9}. \\
259384 &= -23 \times 4! \times 5 + 8^{(\sqrt{9})!}. \\
259468 &= -2 + 45 \times (6 + 8 \times (\sqrt{9})!). \\
259486 &= -2 + (4 + 5 \times 6!) \times 8 \times 9. \\
259834 &= 2 \times (-3 + (4! + 5) \times 8!/9). \\
263489 &= (2 + 3)^4 + 6! + 8^{(\sqrt{9})!}. \\
263589 &= (2 \times 3)! + 5 + 6! + 8^{(\sqrt{9})!}. \\
263879 &= \sqrt{(2 \times 3!)^6} + 7 + 8^{(\sqrt{9})!}. \\
264739 &= 23^4 + (6 - 7!) \times \sqrt{9}. \\
264937 &= -23 + 46 \times (7! + (\sqrt{9})!). \\
264938 &= (-2 + 3!! \times 46) \times 8 - (\sqrt{9})!. \\
264958 &= -2 + \sqrt{4^5} \times 6! + 8! \times (\sqrt{9})!. \\
264983 &= 23 + 46 \times 8 \times (\sqrt{9})!. \\
265489 &= (-2 \times 4 + 5^6) \times (8 + 9). \\
265897 &= 2 - 5^6 + 7 \times 8! - (\sqrt{9})!. \\
265984 &= (2 + 4!) \times 5! + 6! + 8^{(\sqrt{9})!}. \\
267398 &= -2 + \sqrt{3!^6} + 7! + 8^{(\sqrt{9})!}. \\
269378 &= 2 \times 367^{8-(\sqrt{9})!}. \\
269584 &= -2 \times ((\sqrt{4} + 5)!^6 - 8) + 9!. \\
273594 &= (-2 + (3!! - \sqrt{4}) \times 5! + 7!) \times \sqrt{9}. \\
273598 &= -2 - 3!! \times 5 + 7 \times (8! - (\sqrt{9})!). \\
275498 &= 2 - 4! + (-5! + 7!) \times 8!/( \sqrt{9})!. \\
275639 &= 2 - 3 - 5! \times (6! + 7) + 9!. \\
275968 &= (-2 \times 56 + 7!) \times 8!/( \sqrt{9})!. \\
276349 &= -2^{3!} \times (\sqrt{4} + 6! - 7!) - \sqrt{9}. \\
276459 &= (2^{\sqrt{4}+5} \times 6! - 7) \times \sqrt{9}. \\
276495 &= 2 \times 4 - 5! \times 6! + 7 + 9!. \\
276593 &= (2 + 3!)! - 5! \times 6! - 7 + 9!. \\
276953 &= -(2 + 3!!) \times 5! + 6! - 7 + 9!. \\
276983 &= 2^{3!} \times (-6! + 7! + 8) - 9. \\
278395 &= -(2 + 3)^5 + 7 \times 8! - (\sqrt{9})!. \\
279358 &= -2 + 3 \times 5! \times (7 \times 8 + (\sqrt{9})!). \\
279456 &= 2 \times 4! \times 5 + 6^7 - (\sqrt{9})!. \\
279463 &= 23^4 - 6 \times 7 \times 9. \\
279465 &= -\sqrt{2^4} \times 5! + 6^7 + 9. \\
279468 &= ((2 + 4)^6 - 78) \times (\sqrt{9})!. \\
279536 &= 2^{3!} \times 5 + 6^7 - (\sqrt{9})!. \\
279685 &= -2 \times 5! + 6^7 - 8 - \sqrt{9}. \\
279834 &= 23^4 + 7 \times (8 - 9). \\
279835 &= 23^{5+7-8} - (\sqrt{9})!. \\
279843 &= 23^4 + 7 - 8 + \sqrt{9}. \\
279845 &= -2 + (\sqrt{4} + 5)!^7 - 89. \\
279863 &= 2 - 3 + 6^7 - 8 \times 9. \\
283749 &= 2 \times (3!! + 4!) + 7 \times (8! + \sqrt{9}). \\
284759 &= 2 + \sqrt{4} - 5^7 + 8! \times 9. \\
284795 &= 2 \times 4! - 5^7 - 8 + 9!. \\
284937 &= 23^4 + 7 \times (8 + (\sqrt{9})!). \\
287369 &= ((2^3)! + 6!) \times 7 + 89. \\
287395 &= 23 \times (5 - 7!) + 8! + 9!. \\
287936 &= -2^{3!} + 6! + 7 \times (8! + (\sqrt{9})!). \\
293754 &= 2 \times (3!! + (4! + 5) \times 7! - \sqrt{9}). \\
293758 &= -2 - (3! - 57) \times 8 \times (\sqrt{9})!. \\
293784 &= (2 \times (-3!! + \sqrt{4} + 7!) + 8!) \times (\sqrt{9})!. \\
293845 &= ((2 \times 3)! \times 4! + 5) \times (8 + 9). \\
294578 &= -2 + 4 \times (5^7 - 8!/9). \\
294768 &= 2 \times ((4!/6)^7 - 8) \times 9. \\
295463 &= 23^4 + 5^6 - \sqrt{9}. \\
295634 &= 2 + 3!! + 4!^5/\sqrt{6!} + 9. \\
295678 &= -2 + 56 \times 7! + 8!/\sqrt{9}. \\
295684 &= 2 \times (\sqrt{4} + (5 + 6) \times 8!/\sqrt{9}). \\
295834 &= (2 + 3!! \times 4! + 5!) \times (8 + 9). \\
296347 &= -2 - 3 + 4 \times (6 \times 7)^{\sqrt{9}}. \\
296358 &= 2 \times (-3! \times (5^6 - 8!) + 9). \\
296734 &= -2 + 3! \times (4^6 + 7! \times 9). \\
296748 &= (2 + 4^6 + 7! + 8!) \times (\sqrt{9})!. \\
297358 &= -2 + 35 \times 7! + 8! \times \sqrt{9}. \\
297385 &= (2 + 3) \times (5 - 7!) - 8! + 9!. \\
297438 &= (2 + (3 + 4)!) \times 7 + 8^{(\sqrt{9})!}. \\
297835 &= (2^{3!} - 5) \times (7! + 8) + \sqrt{9}. \\
297856 &= \sqrt{25^6} + 7 \times 8! - 9. \\
297865 &= \sqrt{25^6} + 7! \times 8!/( \sqrt{9})!.
\end{aligned}$$

$$\begin{aligned}
298576 &= (2 - 5! \times 67) \times 8 + 9!. \\
325967 &= 2 + 3 \times (5^6 \times 7 - (\sqrt{9})!). \\
326497 &= 23^4 + 6^7 / (\sqrt{9})!. \\
326589 &= 2 \times (3! + 5!) \times \sqrt{6^8} - \sqrt{9}. \\
326597 &= (2 + 3!^5 \times 6) \times 7 - 9. \\
326598 &= (2 + 3!^5 \times (6 + 8)) \times \sqrt{9}. \\
326894 &= 2 + 3! \times (\sqrt{4} + 6!) - 8! + 9!. \\
327589 &= -2 \times 3 - 5 + 7! - 8! + 9!. \\
327596 &= 2 - (3 + 5)! - 6 + 7! + 9!. \\
327894 &= (2 - 3!! + 4) \times \sqrt{\sqrt{7^8}} + 9!. \\
327896 &= 2^3 - 6^7 / 8 + 9!. \\
327958 &= -2 + 3 \times 5! + 7! - 8! + 9!. \\
328945 &= -2 \times 3!! \times 4! + \sqrt{5^8} + 9!. \\
329746 &= (-2 - 3! \times (4! - 6!)) \times 79. \\
329856 &= 2^{3!} \times (5! - 6) - 8! + 9!. \\
342958 &= (2 + 3!! \times 4) \times (5! + 8 - 9). \\
345729 &= 2 - 3!! \times 4! + 5! + 7 + 9!. \\
345829 &= (2 + 3!! \times 4) \times 5! - 8 - \sqrt{9}. \\
345962 &= 2 + (3 + 4! \times 5!) \times 6! / (\sqrt{9})!. \\
346279 &= -(2 + 3!!) \times 4! + 6! + 7 + 9!. \\
346529 &= -2 - 3!! - 4 - 5^6 + 9!. \\
347829 &= 23 \times (4! \times 7! / 8 + \sqrt{9}). \\
347892 &= (-2 + 3! \times 4^7 - 8!) \times (\sqrt{9})!. \\
347928 &= 2 \times 3!! - 4^7 - 8 + 9!. \\
348592 &= -(2 + 3!)^{\sqrt{4}} + 5! - 8 + 9!. \\
348952 &= (2 + 3!) \times (4 - 5!) - 8 + 9!. \\
349526 &= (2 + (3! - 4)^{5! / 6}) / \sqrt{9}. \\
349528 &= ((2^3 \times \sqrt{4})^5 + 8) / \sqrt{9}. \\
349682 &= 2 + (\sqrt{3^4})! + (6! - 8!) / \sqrt{9}. \\
352769 &= 2 - 3 \times (\sqrt{5 \times 6!} - 7^{(\sqrt{9})!}). \\
352789 &= 2 \times 35 \times 7! - 8 - \sqrt{9}. \\
352796 &= 2 \times (3 - 5 - 6! \times 7) + 9!. \\
352798 &= 2 \times (35 \times 7! + 8 - 9). \\
352896 &= 2 \times 3! \times (-5! - 6! + 8) + 9!. \\
352946 &= 2 + 3 \times (\sqrt{4} + 5)^6 - \sqrt{9}. \\
352978 &= 2 \times (35 \times 7! + 89). \\
354297 &= 2 \times 3^{-4! + 5 \times 7} + \sqrt{9}. \\
354972 &= 2 \times 3! - 4! \times 5! - 7! + 9!. \\
354982 &= (2 - 3!!) \times (4! - 5 - 8) + 9!. \\
356972 &= (2 - 3! - 5! - 6!) \times 7 + 9!. \\
357692 &= -23 - \sqrt{5^6} - 7! + 9!. \\
357829 &= -2^3 + 5 - 7! - 8 + 9!. \\
357892 &= 2 \times 3! \times 5 - 7! - 8 + 9!. \\
357926 &= 23 \times (5^6 - 7 \times 9). \\
357962 &= 2^3 + 5! - 6 - 7! + 9!. \\
357982 &= -2 + 3!! / 5 - 7! + 8! \times 9. \\
358792 &= 2^3 \times 5! - 7! - 8 + 9!. \\
359247 &= 2 + (3^{\sqrt{4}})! - 5 \times (7 + (\sqrt{9})!). \\
359267 &= -(2 \times 3!) \times 5 - 6 - 7 + 9!. \\
359268 &= 2 - 3! - 5 \times 6! - 8 + 9!. \\
359276 &= 2 \times (3 - 5 + 6!) - 7! + 9!. \\
359284 &= (-2^{3!} + \sqrt{4}) \times 58 + 9!. \\
359286 &= 23 \times 5^6 - 89. \\
359287 &= -(2 \times 3!) \times 5 + 7 + 8! \times 9. \\
359472 &= 2 \times (3!! - 4! + 5!) - 7! + 9!. \\
359628 &= 23 \times (5^6 + 8 + \sqrt{9}). \\
359728 &= -2 - 3!! \times 5 \times 7 / 8 + 9!. \\
359827 &= -2 - (3 \times (5! - 7) - 8!) \times 9. \\
362479 &= -2 \times 34 \times 6 + 7 + 9!. \\
362579 &= -(2 + 35 + 6) \times 7 + 9!. \\
362597 &= 2 - 3^5 - 6 \times 7 + 9!. \\
362598 &= 2 \times (3 - 5!) - 6 \times 8 + 9!. \\
362759 &= 2 - 3 + 5! \times (6 - 7) + 9!. \\
362795 &= -23 + 5 - 67 + 9!. \\
362859 &= -(23 + 5) \times 6 / 8 + 9!. \\
362895 &= 23 - \sqrt{56 \times 8} + 9!. \\
364289 &= -23 + \sqrt{4} \times 6! - 8 + 9!. \\
365492 &= 2 \times 3!^4 + 5! / 6 + 9!. \\
367259 &= 2^{3!} - 5 - 6! + 7! + 9!. \\
367295 &= -(2 + 3) \times \sqrt{5^6} + 7! + 9!. \\
367829 &= -2 + (3 + 6)! + 7! - 89. \\
367925 &= 2 + 3 + (\sqrt{56 - 7})! + 9!. \\
367952 &= 2^{3! + 5 - 6} + 7! + 9!. \\
368295 &= (2 + 3!!) \times \sqrt{5 \times 6!} / 8 + 9!. \\
368592 &= (2 \times 3 \times 5! - 6) \times 8 + 9!. \\
368729 &= 2^{3!} \times (6! + 7!) + 89. \\
369285 &= -(2 + 3!) + (5 + 6! + 8!) \times 9. \\
369472 &= 2^{3!} \times (4 + 6! + 7! + 9). \\
369482 &= 2 + (3 + \sqrt{4})! + (6! + 8!) \times 9. \\
369728 &= 2^{3!} \times (6! + 7! + 8 + 9). \\
369872 &= 2^{3!} \times (6! + 7! + 8) + (\sqrt{9})!. \\
372489 &= 2 + 3 + 4 \times \sqrt{7^8} + 9!. \\
372956 &= 2 \times (3 - 5 + 6! \times 7) + 9!. \\
372958 &= -2 - (3 - 5) \times 7! + 8! \times 9. \\
372965 &= (2^3)! + 5 - 6 \times 7! + 9!. \\
374592 &= 2 \times (3!! - 4!) + 5! + 7! + 9!. \\
375692 &= 2 + 3!^5 - 6 + 7! + 9!. \\
375928 &= (2^{3!} - 5!) \times (7 - 8!) / (\sqrt{9})!. \\
379248 &= -2^3 + 4^7 - 8 + 9!. \\
379284 &= 2 \times 3! + 4^7 + 8 + 9!. \\
379482 &= -(2 - 3!!) \times 4! - 7! / 8 + 9!. \\
379562 &= 23 \times (5 + 6!) + 7 + 9!. \\
382459 &= -(2 \times 3!)^4 + 5 + 8! + 9!. \\
382974 &= -2 + (3!! + 4 \times 7) \times 8^{\sqrt{9}}. \\
382976 &= -2^{3 \times 6} + 7 \times 8! + 9!. \\
384592 &= 23 \times (-\sqrt{4} + 5!) \times 8 + 9!. \\
385924 &= -2 + 3! + 4! \times 5! \times 8 + 9!. \\
385926 &= (-2 + 3!) \times 5! \times 6! + 8! + (\sqrt{9})!. \\
385942 &= -2 + (3 + 4! \times 5!) \times 8 + 9!. \\
387952 &= -(2 + 3!) + 5 \times 7! - 8 + 9!. \\
389425 &= -(2 + 3!) \times 4 + 5^8 - (\sqrt{9})!. \\
389762 &= 2 + (36 - 7) \times 8! / \sqrt{9}. \\
392784 &= (-2 \times (3!! + 4!)) \times 7 + 8! + 9!. \\
395268 &= -2 \times 3! + (5 \times 6! + 8!) \times 9. \\
395278 &= -2 + 3!! \times (5 + 7 \times 8) \times 9. \\
395286 &= 2 \times 3 + (5 \times 6! + 8!) \times 9. \\
395642 &= 2^{3! + 4 + 5} - 6 + 9!. \\
396278 &= (2^{3 \times 6} + 7!) / 8 + 9!. \\
397248 &= -(2 \times 3!) - 4! + 7! \times 8 + 9!. \\
397284 &= 2 \times (3!! \times 4! - 78) + 9!. \\
397462 &= -2 + 3! \times (4 + 6! + 7!) + 9!. \\
397825 &= (2 \times 3!! + 5^7) \times (8 - \sqrt{9}). \\
398257 &= -23 + 5! - 7! + 8! + 9!. \\
398275 &= 23 \times 5 - 7! + 8! + 9!. \\
398642 &= 2 + ((3! + 4!) - 6! - 8!) / 9. \\
398672 &= 2^{3+6} - 7! + 8! + 9!.
\end{aligned}$$



$$\begin{aligned}
425396 &= (-2 + 3!) \times (4 + 5^6) + 9!. \\
426957 &= ((2 + 4)! - 5!) \times 6! - 7! - \sqrt{9}. \\
426958 &= -2 + ((4 + 5)! + 6! \times 89). \\
427396 &= -(2^3)! - 4 \times (6! - 7^{(\sqrt{9})!}). \\
427896 &= -(2 + 4)^6 + 78^{\sqrt{9}}. \\
427958 &= (-2 - 4! + 5 \times 7!) \times (8 + 9). \\
428936 &= 23 \times (4 \times 6! - 8) + 9!. \\
429358 &= -2 - 3!! + (-4! + 5!) \times 8!/9. \\
429568 &= (-2/\sqrt{4} + 5! + 6!) \times 8^{\sqrt{9}}. \\
432956 &= 2 + (3!! - \sqrt{4}) \times (-5! + 6! + \sqrt{9}). \\
432957 &= (2^{3!} + 4!) \times (-5! + 7!) - \sqrt{9}. \\
432958 &= -2 + 3!!^{\sqrt{4}} + 5! \times (8 - (\sqrt{9})!!). \\
437928 &= -23 \times (4! - 7!) - 8! + 9!. \\
438972 &= 2 - 3! + (-\sqrt{4} + 78)^{\sqrt{9}}. \\
452893 &= -2 + (((3! + 4)! + 5!)/8 - (\sqrt{9})!!). \\
456892 &= (2 + \sqrt{4^5}) \times (-6 + 8!)/\sqrt{9}. \\
458329 &= (2 + 3!! - 45)^{8 - (\sqrt{9})!}. \\
458792 &= (24 - 5) \times (7! + 8) + 9!. \\
459238 &= -2 + ((3 + 4)! + 5!) \times 89. \\
459362 &= 2 + (-3!! + 4!) \times (\sqrt{5} \times 6! - (\sqrt{9})!!). \\
463972 &= -2 - 3! \times ((\sqrt{4} + 6)! - 7^{(\sqrt{9})!}). \\
475298 &= 2 + (-4! + 5!) \times (7! - 89). \\
476932 &= -2 + (3 \times (\sqrt{4} + 6^7) - 9!). \\
478925 &= 2^{4! - 5} - 7! - 8! - \sqrt{9}. \\
478932 &= (2 + 3!! + 4!) \times (-78 + (\sqrt{9})!!). \\
479238 &= 2 \times ((3 \times \sqrt{4})^7 - 8! + \sqrt{9}). \\
479268 &= 2 \times (4! + 6^7 - 8! - (\sqrt{9})!). \\
479532 &= (2 - 3!! \times (\sqrt{4} - 5! + 7)) \times (\sqrt{9})!. \\
482395 &= -2 + 3 \times 4 \times (-5! + 8!) - \sqrt{9}. \\
482397 &= 2 \times 3! \times (-(-\sqrt{4} + 7)! + 8!) - \sqrt{9}. \\
483279 &= 2 \times 3! \times (-47 + 8!) + \sqrt{9}. \\
483592 &= -2^3 + \sqrt{4} \times (-5! + 8! \times (\sqrt{9})!). \\
483925 &= -2 + 3 \times (4 \times (5 + 8!) + 9). \\
483952 &= -2 + 3! \times (\sqrt{4} \times (5 + 8!) + 9). \\
485972 &= 2 \times (4^5 + (7 + 8!) \times (\sqrt{9})!). \\
486392 &= (2 + 3!! + 4!) \times (-68 + (\sqrt{9})!!). \\
492538 &= -2 + 3 \times 4 \times (5 + 8! + (\sqrt{9})!!). \\
492586 &= -2 + \sqrt{4! + 5!} \times (6! + 8! + 9). \\
492856 &= (2 - 45 + 6!) \times (8 + (\sqrt{9})!!). \\
493852 &= (2 + 3!! + 4!) \times (-58 + (\sqrt{9})!!). \\
495372 &= (-2 + 3!) \times (4! \times (5! + 7!) + \sqrt{9}). \\
496237 &= -2 + (3!! - 4!) \times (6! - 7) - 9. \\
496732 &= 2 \times (3!! + (\sqrt{4} + 6!) \times 7^{\sqrt{9}}). \\
497652 &= (-2 + (4 + 5)! - 6^7) \times (\sqrt{9})!. \\
523984 &= -2^{3!} + \sqrt{4} \times (-5! + 8^{(\sqrt{9})!}). \\
524398 &= (2 + 3!)! - \sqrt{4} \times (5 - 8^{(\sqrt{9})!}). \\
524789 &= -(2 \times 4 + 5) \times (7 - 8!) + (\sqrt{9})!!). \\
524896 &= 2 \times (4^5 - 6! + 8^{(\sqrt{9})!}). \\
524967 &= 2^{4! - 5} + 679. \\
527984 &= (-2 + 4 \times (5! + 7!)) \times 8 + 9!. \\
528769 &= 2 \times 5! + (6! + 7)^{8 - (\sqrt{9})!}. \\
532798 &= -2 + (3!! + 5 + 7 + 8) \times (\sqrt{9})!!). \\
532894 &= -2 + 3! \times (\sqrt{4} + 5!) \times (8 + (\sqrt{9})!!). \\
532896 &= 2 \times (3 \times 5! + 6) \times (8 + (\sqrt{9})!!). \\
536892 &= 2 \times 3! - 5! \times (6 - 8!/9). \\
538294 &= -2 + 3!! - 4! + 5! \times 8!/9. \\
538296 &= -(-2 + 3!)! + 5! \times (6 + 8!/9). \\
539264 &= (2 + 3 \times 4)^5 + 6! + (\sqrt{9})!!). \\
539274 &= (2 - (3 - 4!) \times 5) \times 7! - (\sqrt{9})!. \\
539278 &= -2 + 35 \times 7! + 8! \times 9. \\
539284 &= (2 + 3!!)^{\sqrt{4}} + \sqrt{\sqrt{5^8}} \times (\sqrt{9})!!). \\
539462 &= 2 + (3!! + 4 \times 5) \times (6! + 9). \\
543792 &= (2 + (-3! + 4!) \times (-5 + 7!)) \times (\sqrt{9})!. \\
547923 &= -(2^3)! - \sqrt{4} + 5 \times 7^{(\sqrt{9})!}. \\
562394 &= 2 + 3!^{\sqrt{4}} \times (5^6 - \sqrt{9}). \\
562493 &= 2 + \sqrt{3!^4} \times 5^6 - 9. \\
562498 &= -2 + 4 \times 5 \sqrt{\sqrt{\sqrt{6^8}}} \times 9. \\
564928 &= ((2 + 4)! + 56) \times (8 + (\sqrt{9})!!). \\
567294 &= -2 - 4^5 \times (6 - 7!/9). \\
572398 &= -2 + (3!! + 5 \times (7 + 8)) \times (\sqrt{9})!!). \\
574926 &= 24 + (5! - 6) \times (7! + \sqrt{9}). \\
579432 &= 23 \times (4! + 5 \times 7!) - (\sqrt{9})!!). \\
584729 &= (-\sqrt{2^4} + 5!) \times 7! + 89. \\
589327 &= -2 + (-3 + 5!) \times ((\sqrt{\sqrt{\sqrt{7^8}}})! - \sqrt{9}). \\
589672 &= -2 + \sqrt{5^6} \times 7! - 8! - (\sqrt{9})!. \\
589732 &= -2 + (3! + 5 \times 7! + 8!) \times 9. \\
592683 &= -(-2 + 3!)! \times (5^6 - 8!) + \sqrt{9}. \\
592684 &= -2 - 4! \times (5^6 - 8!) + (\sqrt{9})!. \\
593274 &= (2 + 3!)! \times (4! - 5! + 7!) - (\sqrt{9})!. \\
593426 &= 2 + 3!! + (4! + \sqrt{5} \times 6!)^{\sqrt{9}}. \\
593782 &= (-\sqrt{-2 + 3!} + 5!) \times (7! - 8) + (\sqrt{9})!. \\
594372 &= 2 \times 3 + (-\sqrt{4} + 5!) \times (7! - \sqrt{9}). \\
594726 &= (2 - 4 + 5!) \times 6! \times 7 + (\sqrt{9})!. \\
594728 &= 2 \times (4 - 5 \times 7! - 8! + 9!). \\
597382 &= -(2 - 3!!) \times (5! \times 7 - 8) + (\sqrt{9})!. \\
598624 &= (-2 + 4! \times 5!) \times (6! - 8^{\sqrt{9}}). \\
624937 &= -23 + (4! + 6!) \times 7! / (\sqrt{9})!. \\
624953 &= 2 + (3!! + 4!) \times (5! + 6!) - 9. \\
624957 &= (2 - 4 + 5! + 6) \times 7! - \sqrt{9}. \\
624958 &= -2 + (4 + 5!) \times (6 - 8 + 9!)!. \\
628954 &= 2 \times (45 + 68^{\sqrt{9}}). \\
629758 &= -2 + 5! \times (6! + 7! - 8^{\sqrt{9}}). \\
629853 &= 2 \times 3^5 \times \sqrt{6^8} - \sqrt{9}. \\
629874 &= (2 + \sqrt{4} \times 6^7/8) \times 9. \\
629875 &= \sqrt{\sqrt{25^6}} \times (7! + 8 - 9). \\
635792 &= 2 - 3! + (5! + 6) \times (7! + (\sqrt{9})!). \\
639872 &= 2^{3!} \times (-6! + 7! + 8) + 9!. \\
642793 &= -2 + 3 - 4! + 6^7 + 9!. \\
642795 &= -2^4 - 5 + 6^7 + 9!. \\
642798 &= -2 - 4! + 6^7 + 8 + 9!. \\
645792 &= (-2 \times 4 + 5!) \times (6! + 7! + (\sqrt{9})!!). \\
645982 &= -2 + (4! + 5!) \times (6 + 8!/9). \\
672984 &= (-2 + \sqrt{4} \times 6!) \times 78 \times (\sqrt{9})!. \\
673925 &= 2 + (-3 + 5!) \times (6! + 7!) + \sqrt{9}. \\
675924 &= 2 \times (4 \times 5! - 6) \times (-7 + (\sqrt{9})!!). \\
685329 &= (2 + 3 \times 5) \times (-6 + 8!) - 9. \\
685392 &= ((2 + 3!!/5!)! - 6) \times 8 + 9!. \\
694528 &= 2 + \sqrt{4} \times (-5^6 + 8 + 9!). \\
694572 &= 2 \times (4! - 5^6 + 7 + 9!). \\
694723 &= (-2 + 3!)!^4 + 67 + 9!. \\
723598 &= -2 - 3 \times (5! - 7! \times 8) \times (\sqrt{9})!.
\end{aligned}$$

$$\begin{aligned}
723946 &= 2 \times (-3!!/4 - 6! - 7 + 9!). \\
723954 &= 2 \times (-\sqrt{3^4} + 5!) \times 7 + 9!). \\
723958 &= 2 \times (3 - (5! - 7) \times 8 + 9!). \\
723984 &= 2 \times (-3!! - 4! \times 7 + 8! \times 9). \\
724398 &= 2 \times (-3!! + 47 - 8 + 9!). \\
724956 &= 2 \times ((4 + 5)! - 67 \times (\sqrt{9})!). \\
725396 &= 2 \times (-3! + 5!/6) \times 7 + 9!). \\
725398 &= -2 - 3 \times (5! - 7! \times 8 \times (\sqrt{9})!). \\
725496 &= (2 - 4) \times (\sqrt{5^6} + 7 - 9!). \\
725498 &= 2 \times (4 - 5! - 7 - 8 + 9!). \\
725649 &= -24 \times (5 - 6 \times 7!) + 9. \\
725693 &= (-2 + 3! + 5)! - 67 + 9!. \\
725694 &= 2 \times ((4 + 5)! - 6 \times 7 + 9). \\
725964 &= 2 \times (4! + 5! - 6 \times 7 + 9!). \\
725986 &= 2 \times (5! - 6 + 7 - 8 + 9!). \\
726394 &= -2 + 3!! - \sqrt{4} \times (6 \times 7 - 9!). \\
726439 &= 2 \times (3^{\sqrt{4}})! + 679. \\
726459 &= 2 \times (4 + 5)! + 6! - 7 \times \sqrt{9}. \\
726493 &= 2 \times (\sqrt{3^4})! + 6 + 7 + (\sqrt{9})!!. \\
726594 &= 2 \times (4 + 5)! - 6 + 7! / (\sqrt{9})!. \\
726894 &= 2 \times (-4 + 67 + 8!) \times 9. \\
726954 &= 2 \times (4 - 5! + 6! - 7 + 9!). \\
728936 &= -2^{3!} + (6 \times (7 + 8))^{\sqrt{9}}. \\
729358 &= -2 + 3!! \times (5 + 7!) - 8 \times 9!. \\
729456 &= 2 \times (4! \times (5 + 6) \times 7 + 9!). \\
732694 &= 2 \times (3467 + 9!). \\
732958 &= 2 \times (3!! \times 5 + 7 - 8 + 9!). \\
732964 &= 2 \times (-3!! + \sqrt{4} - 6! + 7! + 9!). \\
734592 &= 2 \times (-3!! - 4! + 5! + 7! + 9!). \\
735829 &= (2 + 3!!/5) \times 7! - 8 - \sqrt{9}. \\
742936 &= -2 + 3 \times (\sqrt{4} + 6!) \times 7^{\sqrt{9}}. \\
745926 &= (-2 + 4! + 5! + 6) \times 7! + (\sqrt{9})!. \\
745928 &= 2 \times (4 \times (5! + \sqrt{7^8}) + 9!). \\
745932 &= 2 \times (3! + (\sqrt{4} + 5)! + 7! + 9!). \\
745982 &= -2 + (-4! + 5!) \times 7! + 8^{\sqrt{9}}!. \\
749652 &= 2 \times (4! \times (5^6 - 7) - (\sqrt{9})!). \\
752398 &= -2 + (\sqrt{3!!/5} + 7) \times (8! - (\sqrt{9})!). \\
759238 &= -2 + (-3!! + (5! - 7) \times 8!) / (\sqrt{9})!. \\
793825 &= (2 + 3) \times 5^7 + 8! + 9!. \\
794328 &= 23 \times (-4! - 7! + 8! - (\sqrt{9})!). \\
798352 &= (2 + 3!^5 \times 7) \times 8 + 9!. \\
824379 &= (23^4 - 7! - 8) \times \sqrt{9}. \\
829435 &= -(2 \times 3!!)^{\sqrt{4}} - 5 + 8 \times 9!. \\
829453 &= (2 + 3!!^{\sqrt{4}}/5) \times 8 - \sqrt{9}. \\
829463 &= 23 + 4! \times 6 \times 8 \times (\sqrt{9})!!. \\
829465 &= (2 + (4! + 5!) \times 6!) \times 8 + 9. \\
839762 &= 2 + 3 \times 6^7 - 8 \times (\sqrt{9})!. \\
846592 &= -2 + (\sqrt{4} + 5) \times (-6 + 8!) \times \sqrt{9}. \\
846952 &= -2 \times (4 - 5! - 6 \times 8!) + 9!. \\
847293 &= (23 - \sqrt{4}) \times (-7 + 8!) + (\sqrt{9})!!. \\
847392 &= 2 \times 3! \times (4 + 7!) \times (8 + (\sqrt{9})!). \\
849235 &= -2 + (-3 + 4!) \times (5! + 8!) - \sqrt{9}. \\
854392 &= 2^{3 \times 4} \times 5! - 8 + 9!. \\
863952 &= 2 \times ((3!! - 5!) \times 6! - 8 \times \sqrt{9}). \\
876942 &= 2 \times ((-4! + 6!) \times 7! / 8 - 9). \\
895264 &= 2^4 \times (5^6 + 8! + 9). \\
896724 &= 2 \times (\sqrt{4} + 6!) \times (7! / 8 - 9). \\
923487 &= 23 \times (-4! \times 7 + 8!) - 9. \\
924738 &= -23 \times ((-\sqrt{4} + 7)! - 8! - (\sqrt{9})!). \\
924853 &= 23 \times (\sqrt{4} - 5! + 8! + 9). \\
925346 &= 2 + 3!^4 \times (5! \times 6 - (\sqrt{9})!). \\
925378 &= (2 + 3!^5 \times 7) \times (8 + 9). \\
927358 &= -2 + (-3 + 5 \times 7) \times 8! - 9!. \\
927364 &= 23 \times (\sqrt{4} + 6)! + 7 - \sqrt{9}. \\
927458 &= 2 \times (\sqrt{4} + 5) \times (7 + 8!) + 9!. \\
927584 &= (-2 + 4)^5 \times (7 + 8!) - 9!. \\
927843 &= 23 \times (4! + 7! \times 8 - \sqrt{9}). \\
928374 &= (-2 + 3!!) \times (\sqrt{(-4 + 7)!^8} - \sqrt{9}). \\
928763 &= 23 \times (67 + 8! - (\sqrt{9})!). \\
932684 &= 2 + (3!! - \sqrt{4}) \times (\sqrt{6^8} + \sqrt{9}). \\
932864 &= -2^{3!} \times 4 + \sqrt{6^8} \times (\sqrt{9})!!. \\
934268 &= (2 - 3!^4) \times (6 - 8 - (\sqrt{9})!). \\
934582 &= (2 - 3!! \times (\sqrt{4} - 5!)) \times (8 + \sqrt{9}). \\
937428 &= 2 \times (3 \times (-\sqrt{4} - 7! + 8!) + 9!). \\
937452 &= (-2 + 3!) \times (-4 + 5^7) \times \sqrt{9}. \\
937524 &= (2^3 + 4 \times 5^7) \times \sqrt{9}. \\
937528 &= 2 \times (3! \times 5^7 + 8 + (\sqrt{9})!). \\
943286 &= 2 + 3 \times (-4 + 68^{\sqrt{9}}). \\
943782 &= 23 \times (-4 + 7)!! + 8! - (\sqrt{9})!. \\
947328 &= (-2 + 3!)! \times (-\sqrt{4^7} + 8! - (\sqrt{9})!). \\
947528 &= (-\sqrt{2^4} + 5!) \times 7! + 8 + 9!. \\
953284 &= -2 + 3! + 4! \times (5! + 8! - (\sqrt{9})!). \\
953286 &= (-2 + 3!) \times (5! - 6! + 8!) + (\sqrt{9})!. \\
954362 &= 2 + (3!! \times \sqrt{4} - 5!) \times (6! + \sqrt{9}). \\
964582 &= -2 + 4! \times (-5! - 6 + 8! - \sqrt{9}). \\
964823 &= 23 + 4 \times (6 \times 8! - (\sqrt{9})!). \\
965328 &= (2 \times 3!! - 5! + 6) \times (8 + (\sqrt{9})!). \\
968254 &= -2 + 4! \times (5 \times 6 + 8! - (\sqrt{9})!). \\
968423 &= 23 + 4 \times 6 \times 8! + (\sqrt{9})!!. \\
968542 &= -2 + 4! \times (5 \times 6 + 8! + (\sqrt{9})!). \\
968752 &= 2 + 5^6 \times (7 \times 8 + (\sqrt{9})!). \\
973452 &= 2 \times (3! + 4! \times (5! + 7!) + 9!). \\
973562 &= 2 + (3!! + 5!) \times (6! + 7) + 9!. \\
978432 &= 2^3 \times 4! \times 7 \times (8 + (\sqrt{9})!). \\
984236 &= 2 - 3! + 4! \times (6! + 8!) - (\sqrt{9})!!. \\
984263 &= 23 + 4! \times (6! + 8!) - (\sqrt{9})!!. \\
345679 &= (3! - \sqrt{4}) \times 5! \times 6! + 79. \\
345967 &= -(3!^4 + 5) \times (6 + 7) + 9!. \\
346975 &= 3 + 4 \times (5! \times 6! + 7^{\sqrt{9}}). \\
347895 &= 3 \times (45 - 7!) + 8! \times 9. \\
348976 &= 3!^4 \times 67 + 8^{\sqrt{9}}!. \\
349758 &= 3! \times (\sqrt{4} - 5)^7 + 8! \times 9. \\
349765 &= -3^{\sqrt{4}+5} \times 6 + 7 + 9!. \\
354869 &= -3 - \sqrt{(4 \times 5)^6} - 8 + 9!. \\
354879 &= (3^{\sqrt{4}})! / 5 + 7 \times (8! + 9). \\
356749 &= 3! - 4^5 \times 6 + 7 + 9!. \\
356984 &= (3 - 4 \times 5 - 6!) \times 8 + 9!. \\
357948 &= -(3 + 4)! + (5 + 7 + 8!) \times 9. \\
357964 &= 3 - 4 + \sqrt{5^6} - 7! + 9!. \\
357968 &= 3 + \sqrt{5^6} - 7! + 8! \times 9. \\
357984 &= -34 \times \sqrt{\sqrt{(5 + 7)^8}} + 9!. \\
357986 &= 3!! / 5 - 6 - 7! + 8 + 9!.
\end{aligned}$$

$$\begin{aligned}
358679 &= 3 \times (5! - 6!) - \sqrt{7^8} + 9!. \\
358749 &= 3^4 \times (5 - 7 \times 8) + 9!. \\
358794 &= (3 - 457 + 8!) \times 9. \\
359768 &= (3 - 56 \times 7) \times 8 + 9!. \\
359784 &= -3 \times 4! \times (5 \times 7 + 8) + 9!. \\
364975 &= 3 \times (-4 + 5!) \times 6 + 7 + 9!. \\
364987 &= (-3 + 46) \times \sqrt{\sqrt{7^8}} + 9!. \\
365479 &= 3 \times (4! + 5!) \times 6 + 7 + 9!. \\
365749 &= -3 + 4 \times (5 + 6! - 7) + 9!. \\
365794 &= 3^{\sqrt{4+5}} + 6! + 7 + 9!. \\
365947 &= 3!! \times 4 + 5! + 67 + 9!. \\
367945 &= 3^4 - 56 + 7! + 9!. \\
367954 &= 34 + (-5 + 6) \times (7! + 9!). \\
368479 &= (3^4 + 6!) \times 7 - 8 + 9!. \\
368597 &= -35 + 6! + 7! - 8 + 9!. \\
368975 &= 3!^5 + 6! - \sqrt{7^8} + 9!. \\
369754 &= (3 + 4)^5 \times (6 + 7 + 9). \\
374895 &= 3! + 4 + 5 \times \sqrt{7^8} + 9!. \\
379645 &= (3 + 4)^5 - 6 \times 7 + 9!. \\
384579 &= 3 + 4! \times (5! - 7) \times 8 + 9!. \\
385679 &= 35 \times 6! - \sqrt{7^8} + 9!. \\
385946 &= 3! + 4 \times (5 + 6! \times 8) + 9!. \\
385976 &= (3!! \times 5 - 6! + 7) \times 8 + 9!. \\
389675 &= (3!! - 5) \times (67 \times 8 + 9). \\
394875 &= (-3 + 4! \times 5) \times (7 + 8)^{\sqrt{9}}. \\
395647 &= (3! + \sqrt{4})^5 + 6 - 7 + 9!. \\
395648 &= (3 - 4 + 5)^6 \times 8 + 9!. \\
397458 &= 34578 + 9!. \\
435968 &= (3^{\sqrt{4}})!/5 \times 6 + 8^{\sqrt{9}}. \\
436975 &= (3 + 4) \times (5^6 - 7!) + 9!. \\
437859 &= 3 - 4! - (5! - 7!) \times 89. \\
437968 &= (3^4 + 6) \times 7! - 8^{\sqrt{9}}. \\
453689 &= (3!! + 4 - 5) \times (6! - 89). \\
453789 &= 3 \times (4 + 5) \times 7^{8-\sqrt{9}}. \\
453798 &= (3! + \sqrt{4} \times (5 \times 7! + 8)) \times 9.
\end{aligned}$$

$$\begin{aligned}
453978 &= ((3! + 4) \times (5 + 7!) - 8) \times 9. \\
456973 &= -3 + (4 \times 5 + 6)^{\sqrt{7+9}}. \\
458973 &= (-3 + 4! \times 5 + 7!) \times 89. \\
475398 &= (3 + 4! - 5) \times \sqrt{7^8} \times 9. \\
479368 &= 3!! + 4^6 + 78^{\sqrt{9}}. \\
483759 &= 3 + 4! + (5 + 7) \times (8! - 9). \\
483795 &= 3 - 4 \times (5 + 7 - 8! \times \sqrt{9}). \\
483957 &= 3 \times (4 \times (5 + 7 + 8!) - 9). \\
483975 &= 3 \times 4 \times (5 + 7 + 8!) - 9. \\
487936 &= ((3 + \sqrt{4})^6 + 7) \times 8 + 9!. \\
495387 &= 3 \times (4 \times (5! + 7!) \times 8 + 9). \\
537896 &= 3^5 \times 6! + 7 \times 8 + 9!. \\
548937 &= 3^4 \times (57 + 8!)/(\sqrt{9}!). \\
574639 &= (3 + 4!) \times (5! - 6) + 79. \\
574936 &= 34 + (5! - 6) \times (7! + \sqrt{9}). \\
589374 &= (-34 + 5 \times 7! + 8!) \times 9. \\
589734 &= 3! \times (4 + 5^7) + 8! \times \sqrt{9}. \\
589743 &= 3 + 4 + (5 \times 7! + 8!) \times 9. \\
594368 &= 3!^{\sqrt{4+5}} + 68^{\sqrt{9}}. \\
685439 &= (-3 + (45 + 6) \times 8!)/\sqrt{9}. \\
735849 &= (34 + 5!) \times 7! - 8! + 9. \\
739456 &= (3 + 4^5) \times 6! + 7 + 9. \\
765938 &= (-3! + 5!)/6 \times (-7 + 8!) - 9. \\
769583 &= (\sqrt{3!!}/5 \times 6! + 7) \times 89. \\
839574 &= (3!^{\sqrt{4+5}} - 78) \times \sqrt{9}. \\
839647 &= 3 \times (-4! + 6^7) - 89. \\
847935 &= (3^4 \times 5 + 7 \times 8!) \times \sqrt{9}. \\
859374 &= 3 - 4 + 5^7 \times (8 + \sqrt{9}). \\
873964 &= (3! + 46) \times 7^{8-\sqrt{9}}. \\
876943 &= (3!!/4 - 6) \times 7! - 8 - 9. \\
954637 &= -3 + (\sqrt{4} \times 5)^6 - 7! \times 9. \\
973456 &= 34^{5+6-7} - 9!. \\
974365 &= (3!! \times \sqrt{4} - 5) \times 679. \\
974835 &= 3^4 \times 5 \times (\sqrt{7^8} + (\sqrt{9}!)). \\
984375 &= (3! + 4)^5 \times 7!/8^{\sqrt{9}}.
\end{aligned}$$

• **Decreasing order**

$$\begin{aligned}
134267 &= (7 + 6!/4) \times (3!! - 2) + 1. \\
135247 &= 7 \times (5 - 4! \times 3!)^2 \times 1. \\
135674 &= 7^6 + \sqrt{5^4} \times (3!! + 1). \\
143275 &= 7! + 5 \times (4!^3 \times 2 - 1). \\
157463 &= (7 - 6) \times (54^3 - 1). \\
157632 &= (7! + 6 - 5!) \times 32 \times 1. \\
163275 &= 7 \times 6^5 \times 3 - 21. \\
214375 &= (7 \times 5)^4 \times 3/21. \\
216734 &= 7 \times (6! \times 43 + 2) \times 1. \\
236741 &= (7^6 + \sqrt{4} + 3!!) \times 2 - 1. \\
267135 &= 7 \times (6! \times 53 + 2) + 1. \\
271653 &= (-7 + 6!) \times (5! \times 3 + 21). \\
327615 &= 7! \times 65 - 3! + 21. \\
351647 &= (7 - 6! + 5!)^{\sqrt{4}} - 3 + 1. \\
357126 &= -7! - 6! + 5 + (3^2)! + 1. \\
357214 &= -7! - 5^4 + (3^2)! - 1. \\
361427 &= -(7 + 6!) \times \sqrt{4} + (3^2)! + 1. \\
362157 &= -7 - 6! + 5 + (3^2)! - 1. \\
362741 &= -7!/(6^{\sqrt{4}}) + ((3^2)! + 1). \\
371256 &= (7 + 6)^5 - 3!^2 - 1.
\end{aligned}$$

$$\begin{aligned}
371652 &= (7 + 6)^5 + 3!!/2 - 1. \\
372516 &= (7! - 6) \times (53 + 21). \\
452167 &= 7 + 6! \times (5^4 + 2 + 1). \\
465127 &= 7 + 6! \times (5^4 + 21). \\
512647 &= (7 - 6!) \times (5 - 4 - (2 + 1)!!). \\
512734 &= -7! - 5^4 + 3!!^2 - 1. \\
523471 &= 7! + 5!/4 + 3!!^2 + 1. \\
531427 &= 7 + (5 + 4)^{3!} - 21. \\
541372 &= 754 \times (3!! - 2) \times 1. \\
546127 &= 7 + (6! - 5 + 4!)^2 - 1. \\
614537 &= -\sqrt{7^6} + (5! + \sqrt{4}) \times (3! + 1)!. \\
617253 &= (-7 + 6! + 5!) \times (3!! + 21). \\
635271 &= (7! \times 6 + 5 + 3!) \times 21. \\
635471 &= 7! \times (6 + 5!) + 431. \\
657132 &= 7 \times 6 \times (5^{3!} + 21). \\
725416 &= -\sqrt{7^6} + (5 + 4!) \times 2 - 1. \\
725613 &= 7 \times (6!/5 \times 3!! - 21). \\
124738 &= (8! + 7!/4) \times 3 - 2 \times 1. \\
126384 &= 8 \times (6! - (\sqrt{4} - 3!!) \times 21). \\
128547 &= (87 + 5!)^{\sqrt{4}} \times (2 + 1).
\end{aligned}$$

$$\begin{aligned}
132487 &= -8! + 7 + (4 + 3!)/21. \\
132648 &= 8 \times (6! \times 4! - 3!! + 21). \\
134578 &= 8 \times 7^5 + \sqrt{4} + (3! - 1)!. \\
134862 &= (8 + 6!)/4 \times (3!! + 21). \\
137842 &= (-8 + 7^{\sqrt{4}})^3 \times 2 \times 1. \\
138654 &= 8! + 6 \times (5 + 4^{3!+1}). \\
142875 &= -8 + (7 \times 54)^2 - 1. \\
143568 &= 8! + 6!/5 \times (-4 + 3!! + 1). \\
143875 &= (8!/7 - 5) \times (4 \times 3! + 1). \\
146875 &= ((8! - 7!)/6 - 5) \times (4! + 1). \\
148526 &= (86 + 5!) \times ((4 + 2)! + 1). \\
148673 &= -8! + 7 \times ((6 + 4!)^3 - 1). \\
156387 &= -8 + (7 \times 6! + 5) \times 31. \\
156487 &= (8 + 7!) \times (6 + 5^{\sqrt{4}}) - 1. \\
156873 &= 8 \times (7^6 + 5)/3! + 1. \\
157248 &= (8! - 7!/5) \times 4 \times (2 - 1). \\
157368 &= 8! + 7^6 + 5! - 3!! - 1. \\
157846 &= 8! + 7^6 - 5! - 4 + 1. \\
158463 &= 8^6 - (5! + 4!) \times 3!! - 1. \\
163287 &= -8 + 7 \times 6^{3!}/2 - 1. \\
172864 &= -8 + \sqrt{7^6} \times 4! \times 21. \\
175824 &= (8! - 7!) \times 5 - 4!^2 \times 1. \\
178436 &= (8!/7 - 6 + \sqrt{4}) \times 31. \\
178653 &= (8 + 7! + 6! - 5) \times 31. \\
184356 &= -8! + (-6 + 5! \times 4)^{3!-1}. \\
186234 &= (8! + 6!^{\sqrt{4}})/3 - (2 + 1)!. \\
186243 &= (8! + 6!^{\sqrt{4}})/3 + 2 + 1. \\
186435 &= (-8 + 6^5) \times 4! + 3 \times 1. \\
186473 &= -8 - 7! \times (6 - 43) + 1. \\
186537 &= -87 + 6^5 \times (3 + 1)!. \\
215368 &= 8^6 - 5! - 3!^{(2+1)!}. \\
218735 &= (-8 + 7 \times 5^{3!}) \times 2 + 1. \\
234816 &= ((8 + 6!)^4 + 3!!) \times (2 + 1)!. \\
235871 &= (8! - 7!/5) \times 3 \times 2 - 1. \\
238145 &= (8 \times (5 + 4!)) - 3!!^2 + 1. \\
241683 &= (8! - 6^{\sqrt{4}}) \times 3! - 21. \\
241768 &= 8 \times (7! \times 6 + \sqrt{4} - 21). \\
241835 &= -85 + (\sqrt{4^3})! \times (2 + 1)!. \\
241857 &= (8! - 7) \times (5 - \sqrt{4})! - 21. \\
241865 &= 8! \times 6 - 54 - 2 + 1. \\
241867 &= 8 \times (7! \times 6 - 4) - 21. \\
243178 &= (8! + 7!/4!) \times 3! - 2 \times 1. \\
246518 &= 8^6 - 5^{4+2} - 1. \\
261783 &= (8!/7!)^6 - 3!!/2 - 1. \\
275184 &= (8! - 7!/5) \times (4 + 2 + 1). \\
276841 &= (8! - 7! + 6!^{\sqrt{4}})/2 + 1. \\
281456 &= (-\sqrt{8^6} + 5!) \times (\sqrt{4} - (2 + 1)!!). \\
281473 &= 8! \times 7 - 4! \times 32 + 1. \\
283416 &= 8!/6! \times ((4 + 3)! + 21). \\
283571 &= 8! \times 7 + (5 + 3!)^{2+1}. \\
318465 &= \sqrt{8^6} \times (5^4 - 3) + 1. \\
328517 &= 8 + (75 - 3!)^{2+1}. \\
342718 &= (8! \times (-7 + 4!) - 3!)/2 + 1. \\
354812 &= -8!/5 - 4 + (3^2)! \times 1. \\
354816 &= 8! \times (6 + 5) \times 4/(3! - 1). \\
354821 &= -8!/5 + 4 + (3^2)! + 1. \\
356184 &= -8!/6 + (5 + 4)! + (3 + 1)!. \\
356281 &= -8!/6 + 5! + (3^2)! + 1. \\
357841 &= 8 - 7! + (5 + 4)! - 3! - 1. \\
362851 &= -8 + (-6 + 5 \times 3!) - 21. \\
368521 &= 8 \times 6! - 5! + (3^2)! + 1. \\
371286 &= -8 + (7 + 6)^{3+2} + 1. \\
375841 &= 87 \times (5 - \sqrt{4})! \times 3! + 1. \\
421875 &= ((8 + 7) \times 5)^{4!-21}. \\
428315 &= 85 \times ((4 + 3)! - 2 + 1). \\
451836 &= -8! + (6 + 5!)^{\sqrt{4}} \times 31. \\
453681 &= -8 + (6 + 5^4) \times (3!! - 1). \\
453781 &= -8 + 7^5 \times (-4 + 31). \\
465128 &= 8 + 6! \times (5^4 + 21). \\
468512 &= (8 - 6 \times 5)^4 \times 2 \times 1. \\
481536 &= 8 \times \sqrt{6!/5} \times (-4! + (3! + 1)!). \\
485231 &= (8! + 5! - 4) \times 3! \times 2 - 1. \\
512648 &= -8 + (6 \times 5! - 4)^2 \times 1. \\
518372 &= 8 - 7 \times 5 + 3!!^2 - 1. \\
523841 &= -8!/5! + (4 + 3!!)^2 + 1. \\
524168 &= -8 + (6 \times 5! + 4)^2 \times 1. \\
524183 &= (8 - 5)! + (4 + 3!!)^2 + 1. \\
526138 &= \sqrt{8^6} + (5 + 3!!)^2 + 1. \\
526183 &= 8 + 6^5 + 3!!^2 - 1. \\
531842 &= 8! + 5! \times 4^{3!} + 2 \times 1. \\
537816 &= -8 + \sqrt{(76 + 5!)^{3!-1}}. \\
546128 &= 8 + (6! - 5 + 4!)^2 - 1. \\
613785 &= 87 \times (6^5 - 3!! - 1). \\
631874 &= (8! + 7^6) \times 4 - 3 + 1. \\
642815 &= (8! - 6!/5) \times 4^2 - 1. \\
658431 &= 8 \times (6! \times 5! - 4^3) - 1. \\
673815 &= 87 \times (6^5 - 31). \\
681472 &= (8 + 76 + 4)^{2+1}. \\
681473 &= (8 + 76 + 4)^3 + 1. \\
685417 &= -8! + 7! \times 6!/5 - 4! + 1. \\
732816 &= 8 \times (7 + 6!) \times 3! \times 21. \\
758641 &= (876 - 5)^{\sqrt{4}} \times 1. \\
827135 &= 8!/(7 \times 5) \times (3!! - 2) - 1. \\
831642 &= (8! - 6! - 4 + 3!) \times 21. \\
831726 &= (8 \times 7! + 6 - 3!!) \times 21. \\
831745 &= 8!/(7 \times 5) \times (\sqrt{4} + 3!!) + 1. \\
841672 &= -8 - 7! + (\sqrt{64})! \times 21. \\
845136 &= -8! + 6! + (5! - 4!)^3 \times 1. \\
845712 &= (8! - (7 + 5) \times 4) \times 21. \\
846132 &= (8! - \sqrt{6! + 4^3}) \times 21. \\
123895 &= -9 + (8 - 5! \times 3)^2 \times 1. \\
123984 &= 984 \times 3! \times 21. \\
123987 &= \sqrt{9} \times (8! + 7!/(3 + 2) + 1). \\
124389 &= 9 \times ((8 - 4!)^3 - 2 - 1). \\
124395 &= ((\sqrt{9})! / 5)^{\sqrt{4}} \times 3! - 21. \\
124398 &= 9 \times ((8 - 4!)^3 - 2) \times 1. \\
124739 &= 9! \times (7 + 4)/32 - 1. \\
124869 &= \sqrt{9} \times (8! + 6^4) + 21. \\
124956 &= 9 \times (\sqrt{6! \times 5} + 4!^{2+1}). \\
124983 &= -9 + 8 \times (4! + 3!!) \times 21. \\
124986 &= -(\sqrt{9})! + 8 \times (6! + 4!) \times 21. \\
125493 &= 9 \times (5! + 4!^3) - 2 - 1. \\
125496 &= (\sqrt{9} + 6) \times (5! + 4!^{2+1}). \\
127893 &= \sqrt{9} \times (8 \times 73^2 - 1). \\
129348 &= \sqrt{9} \times (8! + 4 \times (3!! - 21)).
\end{aligned}$$

$$\begin{aligned}
129357 &= (9! + 7! \times 5)/3 - 2 - 1. \\
129465 &= 9 \times (6 + 5!^{\sqrt{4}} - 21). \\
129543 &= 9 \times (5!^{\sqrt{4}} - 3!) - (2 + 1). \\
129563 &= -(\sqrt{9})! \times 6 + (5! \times 3)^2 - 1. \\
129583 &= -9 - 8 + (5! \times 3)^2 \times 1. \\
129635 &= (\sqrt{9})! \times 6 + (5! \times 3)^2 - 1. \\
129645 &= 9 \times (6 + 5!^{4/2} - 1). \\
132459 &= (\sqrt{9})!! \times (5! + 4^3) - 21. \\
132479 &= 9!/7 + (4!/3)! \times 2 - 1. \\
132495 &= (9 \times 5! + 4 - 3!!)^2 - 1. \\
132496 &= ((\sqrt{9} \times 6! + 4!)/3!)^2 \times 1. \\
132649 &= (\sqrt{\sqrt{9^6}} + 4!)^3 - 2 \times 1. \\
134695 &= ((\sqrt{9})! \times 6! + \sqrt{5^4}) \times 31. \\
134928 &= (\sqrt{9})!! + 8 \times 4! \times (3!! - 21). \\
135649 &= \sqrt{(\sqrt{9})!^6} \times (5^4 + 3) + 1. \\
137489 &= -(\sqrt{9})!! + 8!/7 \times 4! - 31. \\
137928 &= (\sqrt{9^8} + 7!/3!!) \times 21. \\
137954 &= (9 \times 7! + 5^4) \times 3 - 1. \\
139247 &= (\sqrt{9})!^7/\sqrt{4} - (3 \times 2)! - 1. \\
139264 &= ((\sqrt{9})!! - 6) \times 4^{3!}/21. \\
139486 &= ((\sqrt{9})! + 8 + 6!/4) \times (3!! - 1). \\
139674 &= 97 \times 6! \times \sqrt{4} - 3! \times 1. \\
139874 &= ((-\sqrt{9} + 8!) + 74) \times (3!! + 1). \\
142695 &= 9 \times ((6 + 5!)^{\sqrt{4}} - 21). \\
145239 &= (9!/5 + 43) \times 2 + 1. \\
145392 &= (9!/5 + (\sqrt{4} + 3)!) \times 2 \times 1. \\
147395 &= ((\sqrt{9})!! \times 7 - 5!)/4! \times (3!! - 1). \\
147829 &= (-\sqrt{9} + 8!) \times (7 + 4)/(2 + 1). \\
148769 &= (-\sqrt{\sqrt{9^8}} + 7!) \times (6 + 4!) - 1. \\
149365 &= 9 \times ((6 + 5!)^{\sqrt{4}} + 3!!) + 1. \\
152397 &= 9 \times (7^5 + 3! \times 21). \\
152496 &= (\sqrt{9})!^6 + (5 + \sqrt{4})! \times 21. \\
154629 &= 9 \times ((6! - 5) \times 4! + 21). \\
154936 &= 9 \times (-65 + 4! \times 3!!) + 1. \\
156239 &= -9! + 6 \times 5! + 3!!^2 - 1. \\
157249 &= (\sqrt{9})! \times 7!/5 \times (4! + 2) + 1. \\
157394 &= (9!/7 + 5^4) \times 3 - 1. \\
157439 &= -(\sqrt{9} + 7)! + 54^3 - 1. \\
157896 &= (-\sqrt{9})! + 8! - 7!/6) \times (5 - 1). \\
157932 &= 9 \times (7^5 + 3!! + 21). \\
157968 &= \sqrt{9} + 8! + 7^6 - 5 + 1. \\
157986 &= (\sqrt{9})! + 8! + 7^6 + \sqrt{5!} + 1. \\
159264 &= (9 \times (6! + 5!) + 4!) \times 21. \\
159327 &= 9 \times (7 \times 5! + 3) \times 21. \\
159743 &= (-9 + 7! + 5! + \sqrt{4}) \times 31. \\
159876 &= \sqrt{\sqrt{(\sqrt{9})!^8}} \times (7! - 6! + 5! + 1). \\
162359 &= (9! - 6! \times 53)/2 - 1. \\
163295 &= 9! \times 6/5! \times 3^2 - 1. \\
163945 &= 9 \times 6! + 54^3 + 1. \\
164879 &= (\sqrt{9})!! + (8 \times 7! + 6!) \times 4 - 1. \\
167394 &= -(\sqrt{9})! + (7! + 6!/\sqrt{4}) \times 31. \\
167493 &= (\sqrt{9} + 7! + 6!/\sqrt{4}) \times 31. \\
169345 &= -(\sqrt{9})!^6 + (5!/\sqrt{4})^3 + 1. \\
173892 &= (9! + (8 - 7!) \times 3)/2 \times 1. \\
174896 &= -(\sqrt{9})!! + (8 \times 7)^{6-4+1}. \\
174953 &= 9 \times (7! + 5!^{\sqrt{4}}) - 3! - 1. \\
175392 &= (9 \times 7!/5 - 3!!) \times 21. \\
176498 &= 98 + 7! \times (-6 + 41). \\
178439 &= \sqrt{9} + (8!/7 - 4) \times 31. \\
178923 &= (9! + 8 - 7 \times 3!)/2 - 1. \\
178924 &= (9! + 8 - 7!)/4 \times 2 \times 1. \\
178963 &= ((\sqrt{9})!! \times 8 + 7 + 6) \times 31. \\
179254 &= -\sqrt{9^7} + (5 + 4)!/2 + 1. \\
179283 &= (9! + 8 - 7! + 3!)/2 - 1. \\
179425 &= (9! - 7!/5 \times 4)/2 + 1. \\
179532 &= (\sqrt{9})! \times (7! - 53) \times (2 + 1)!. \\
179634 &= ((\sqrt{9})! + 7) \times (-6 + 4!^3 \times 1). \\
179643 &= (9! - 7! + 6)/\sqrt{4} + 3!! \times 1. \\
182459 &= (9! + 85 \times 4!)/2 - 1. \\
183492 &= (9! + 8 + 4^{3!})/2 \times 1. \\
183967 &= (9! + 8 + 7! + 6)/(3 - 1). \\
184679 &= 9 \times (8 \times 7! + 6!)/\sqrt{4} - 1. \\
184692 &= (9 \times (8! + 6!) + 4!)/2 \times 1. \\
184967 &= (98 + 7!) \times \sqrt{6^4} - 1. \\
185796 &= \sqrt{\sqrt{(\sqrt{9})!^8}} \times (7 \times 6! + 5! + 1). \\
185923 &= (\sqrt{9^8} + 5! \times 3!!) \times 2 + 1. \\
186249 &= 9 + (8! + 6!^{\sqrt{4}})/(2 + 1). \\
186479 &= -9 + 8 + 7! \times (6^{\sqrt{4}} + 1). \\
186497 &= 9 + 8 + 7! \times (6^{\sqrt{4}} + 1). \\
186795 &= \sqrt{9} \times (8 \times (7 + 6^5) + 1). \\
187496 &= (\sqrt{9})!! + (8 + 7!) \times (\sqrt{6^4} + 1). \\
187659 &= \sqrt{9} \times 87 \times (6 \times 5! - 1). \\
187923 &= \sqrt{9} \times (87 \times (3 \times 2)! + 1). \\
187935 &= ((\sqrt{9})!! \times 87 + 5) \times 3 \times 1. \\
193452 &= (9 + 5) \times (4!^3 - (2 + 1)!). \\
193528 &= (9! \times 8 - 5!)/(-3! + 21). \\
193547 &= ((\sqrt{9})! \times (7 + 5!))^{\sqrt{4}}/3 - 1. \\
193872 &= (9! \times 8 + 7!)/(-3! + 21). \\
194258 &= (\sqrt{9})!! + 8!/5 \times 4! + 2 \times 1. \\
194625 &= (9 + 6^5) \times (4 + 21). \\
195263 &= (\sqrt{9})! \times (-6^5 + (3! + 2)!) - 1. \\
195364 &= \left( \left( \sqrt{(\sqrt{9})!^6} + 5 \right) \times \sqrt{4} \right)^{3-1}. \\
197824 &= (9! + 8^{7-\sqrt{4}})/2 \times 1. \\
198375 &= (-\sqrt{9})!! + 8! + 75) \times (3! - 1). \\
215496 &= -9!/6! + (5!/\sqrt{4})^{2+1}. \\
215639 &= ((\sqrt{9})!! \times (6! - 5!) - 3!)/2 - 1. \\
215937 &= -9 \times 7 + \sqrt{(5 \times 3!!)^{2+1}}. \\
215946 &= -9 \times 6 + (5!/\sqrt{4})^{2+1}. \\
215983 &= -9 - 8 + \sqrt{(5 \times 3!!)^{2+1}}. \\
216359 &= ((\sqrt{9})!! \times (6! - 5!) + 3!)/2 - 1. \\
219457 &= \sqrt{9} \times (7 + 5!) \times 4!^2 + 1. \\
231659 &= 9 \times (6! - 5) \times 3!^2 - 1. \\
231849 &= 9 + 8!/4 \times ((3! - 2)! - 1). \\
231978 &= -9 + (-8! + 7^3) \times (2 + 1). \\
231984 &= 9!/8 + 4 \times 3!^{(2+1)!}. \\
231987 &= -\sqrt{9} \times (8! - 7^{3 \times 2}) \times 1. \\
234981 &= \sqrt{\sqrt{9^8}} \times (4 \times 3!! + 21). \\
235194 &= ((\sqrt{9})!! + 5!)^{\sqrt{4}}/3 - (2 + 1)!. \\
235197 &= \sqrt{9} \times ((7 \times 5!/3)^2 - 1).
\end{aligned}$$

$$\begin{aligned}
237891 &= (\sqrt{\sqrt{9}})^{18} + 7^{3!} \times 2 + 1. \\
238491 &= 9 \times (8! - 4!^3 + 2 + 1). \\
239145 &= ((\sqrt{9})!! + 5\sqrt{4}) \times 321. \\
239184 &= 9 \times (8! - 4!^3) + (2 + 1)!. \\
239871 &= 9 + (8! - 7^3) \times (2 + 1)!. \\
241598 &= (\sqrt{9})! \times (8! - 54) + 2 \times 1. \\
243179 &= (\sqrt{9})! \times (7!/4! + (3! + 2)!) - 1. \\
247981 &= ((\sqrt{9})!! \times 8 + 7) \times (42 + 1). \\
248913 &= 9 \times (8 + 4!^3 \times 2 + 1). \\
249318 &= \sqrt{9^8} \times (\sqrt{4} + 3!^2 \times 1). \\
251489 &= 9! - 8 \times (5! - \sqrt{4})^2 + 1. \\
251496 &= (9!/6! - 5) \times 4! \times 21. \\
253981 &= 9! - (8!/5! - 3!)^2 + 1. \\
256914 &= 9! - (6 + (5 + \sqrt{4})!) \times 21. \\
257193 &= (\sqrt{9} + 7!) \times (53 - 2 \times 1). \\
258913 &= 9! - 8 \times (5! - 3!)^2 + 1. \\
259174 &= 9!/7 \times 5 - 4! - 2 \times 1. \\
259381 &= -(\sqrt{9})!! + (85 \times 3!)^2 + 1. \\
261389 &= -(\sqrt{9})!! + 8^6 - 3!^2 + 1. \\
263159 &= ((\sqrt{9})! + 6! + 5) \times 3!!/2 - 1. \\
263891 &= (\sqrt{9} + 8 + 6!) \times (3!!/2 + 1). \\
264189 &= -(\sqrt{9})! + (\sqrt{8^6} + \sqrt{4})^2 - 1. \\
264195 &= (9!/6! + 5 \times \sqrt{4})^2 - 1. \\
264198 &= \sqrt{9} + (\sqrt{8^6} + \sqrt{4})^2 - 1. \\
264981 &= (\sqrt{9})!! \times (8 + 6!/ \sqrt{4}) + 21. \\
268319 &= (9! + 8! - 6!)/3 \times 2 - 1. \\
271395 &= 9 \times (7!/5! \times (3!! - 2) - 1). \\
271398 &= (9!/8 - 7) \times 3! - (2 + 1)!!. \\
271839 &= (\sqrt{9})! \times (8! + 7!) - 321. \\
271938 &= (\sqrt{9})! \times (8! + 7! - 3!^2 - 1). \\
273419 &= -(9! - 7!)/4 + (3^2)! - 1. \\
279315 &= (\sqrt{9})!^7 + 5! - 3!! - 21. \\
281395 &= 9 \times (8 + 5^{3!}) \times 2 + 1. \\
281739 &= (-9! + 8! \times 7!)/3!! + 2 + 1. \\
289713 &= ((\sqrt{9})!! + 87) \times (3!!/2 - 1). \\
296351 &= (-\sqrt{9})! \times 6 + 5!^3/2 - 1. \\
297318 &= (-\sqrt{9})! + 8! \times 7 + 3!! \times 21. \\
297381 &= (\sqrt{9} + 8!) \times 7 + 3!! \times 21. \\
298153 &= 9 \times (8^5 + 3!!/2) + 1. \\
312489 &= 9 + 8!/4 \times (32 - 1). \\
312975 &= 975 \times 321. \\
314879 &= (-(-\sqrt{9} + 8)! + 7!) \times 4^3 - 1. \\
314926 &= (\sqrt{9} \times 6)^4 \times 3 - 2 \times 1. \\
314975 &= (\sqrt{9})! - 7^5 + 4!^{3+1}. \\
314976 &= (\sqrt{9^7} \times 6 + \sqrt{4}) \times (3 + 1)!. \\
316249 &= -(\sqrt{9})!^6 + 4! + (3^2)! + 1. \\
317289 &= (-\sqrt{9} - 8 + 7! \times 3) \times 21. \\
318592 &= -9! + (85 + 3)^{2+1}. \\
319487 &= (-9 + 87) \times 4^{3!} - 1. \\
319725 &= \sqrt{9} \times 7 \times (5 + 3!!) \times 21. \\
324918 &= (9 + 8! + 4!^3) \times (2 + 1)!. \\
324951 &= (9 + 5!) \times ((4 + 3)!/2 - 1). \\
327915 &= (-\sqrt{9} - 7 + 5^{3!}) \times 21. \\
329184 &= 9 \times (-8!/4 + 3!^{(2+1)!}). \\
341259 &= 9! - 5!/4 \times 3!! - 21. \\
345921 &= (\sqrt{9})!! \times 5! \times 4 + 321. \\
348179 &= 9! - 8! \times 7!/4!^3 - 1. \\
348961 &= 9! - (8! + 6! \times \sqrt{4})/3 + 1. \\
349162 &= 9! - (6! + \sqrt{4}) \times \sqrt{3!!/2 + 1}. \\
349165 &= 9! - (6 - 5!)^{\sqrt{4}} - 3!! - 1. \\
351649 &= (9 - 6! + 5! - \sqrt{4})^{3-1}. \\
351792 &= 9! - 7!/5 \times (3! \times 2 - 1). \\
352719 &= 9! - (7! + 5!/3) \times 2 - 1. \\
354129 &= (9^5 - 4!) \times 3! - 21. \\
354219 &= 9! - 5! \times 4! \times 3 - 21. \\
357219 &= 9! - 7! + 5! - 3!! - 21. \\
357419 &= 9! - (7 + 5!) \times 43 \times 1. \\
358912 &= 9! - 8 - 5! \times (32 + 1). \\
359124 &= 9! - 5^4 \times 3! - (2 + 1)!. \\
359261 &= 9! - 6! \times 5 - \sqrt{3!!/2 + 1}. \\
359712 &= 9! - 7!/5 - 3 \times (2 + 1)!!. \\
359714 &= 9! - 7! + 5^4 \times 3 - 1. \\
359821 &= 9! - 85 \times 3!^2 + 1. \\
361295 &= 9! - 6!/5 - 3!! \times 2 - 1. \\
361498 &= 9! + 8!/6! - \sqrt{4} \times (3!! - 1). \\
361798 &= 9! - (8 + 7! - 6!)/(3 + 1). \\
361849 &= 9! - 86 \times 4 \times 3 + 1. \\
361894 &= -986 + (4 + 3! - 1)!. \\
361974 &= 9! - (7 + 6 \times 4!) \times 3! \times 1. \\
362189 &= 9! + 8 - (6 - 3)!! + 21. \\
362491 &= 9! - 6 - 4! - 3!!/2 + 1. \\
364179 &= 9! + 7 + 6^4 - 3 - 1. \\
364591 &= 9! + (6! + 5!) \times \sqrt{4} + 31. \\
364791 &= 9! + (7! + 6! - 4!)/3 - 1. \\
364921 &= 9! - 6 + 4^{3!}/2 - 1. \\
364971 &= 9! + \sqrt{7^6} \times 4 + 3!! - 1. \\
364981 &= 9! + 8! \times 6!/4!^3 + 1. \\
365219 &= 9! + 65 \times 3!^2 - 1. \\
368791 &= 9! + (8! - 7!)/6 + 31. \\
368914 &= 9! + (8 + 6) \times 431. \\
369215 &= 9! + 6^5 - 3!! \times 2 - 1. \\
369281 &= 9! + (86 - 3!)^2 + 1. \\
369841 &= 9! + (8! + 6! \times \sqrt{4})/3! + 1. \\
371259 &= 9! + 7! \times 5/3 - 21. \\
371294 &= ((\sqrt{9})! + 7)^{4+3-2} + 1. \\
371549 &= ((\sqrt{9})! + 7)^5 + 4^{3+1}. \\
371946 &= 9! + 7 \times 6^4 - 3! \times 1. \\
374189 &= 9 \times (8! + 7!/4) - 31. \\
374219 &= 9! + (7 + \sqrt{4})!/32 - 1. \\
378591 &= 9! + 87 + 5^{3!} - 1. \\
379512 &= 9! \times 753/(2 + 1)!!. \\
381924 &= (98 + 4 - 3!!)^2 \times 1. \\
381925 &= ((98 + 5) \times 3!)^2 + 1. \\
382914 &= 9! + 8!/ \sqrt{4} - 3! \times 21. \\
389512 &= 9! + 8! - (5! - 3)^2 + 1. \\
391248 &= ((\sqrt{9})!! - 8 \times 4!) \times (3!! + 21). \\
398127 &= 9! + 8! - 7! - 32 - 1. \\
398162 &= (9 - 8!/63)^2 + 1. \\
413569 &= -((\sqrt{9})!! - 6!/5) \times (\sqrt{4} - 3!!) + 1. \\
413695 &= (96 + 5) \times 4^{3!} - 1. \\
413759 &= (9!/7 - 5!) \times 4!/3 - 1. \\
413976 &= (\sqrt{9} + 7)! \times (6! \times 4! - 31). \\
415296 &= ((\sqrt{9})! + 6! - 5) \times 4!^2 \times 1. \\
415926 &= 9! + (6 + 5!) \times 421. \\
416259 &= \sqrt{9^6} \times (-5 + 4!^2) \times 1.
\end{aligned}$$

$$\begin{aligned}
417296 &= 9! - 76 \times (4 - (2 + 1)!!). \\
419762 &= \sqrt{9} + 7! + 6! \times 4!^2 - 1. \\
419823 &= \sqrt{\sqrt{9^8}} \times ((4! \times 3)^2 - 1). \\
419873 &= (\sqrt{9})^{8!/7!} / 4 - 31. \\
421953 &= 9^5 + 4! + (3^2)! \times 1. \\
423719 &= 9! + (7! \times 4! + 3!!) / 2 - 1. \\
425981 &= -\sqrt{9} + 8^5 \times (4! / 2 + 1). \\
429136 &= 9! + 6! + 4^{3^2-1}. \\
431569 &= (\sqrt{9})!! \times (6! - 5!) - 431. \\
431769 &= (9 \times 7 - 6!)^{\sqrt{4}} + (3! - 1)!. \\
432179 &= (\sqrt{9})!! \times 7^4 / (3! - 2) - 1. \\
432719 &= -(\sqrt{9})!! + 7! \times (43 \times 2) - 1. \\
435291 &= (9! / 5 - 4!) \times 3! - 21. \\
438291 &= (-9 + 8! / \sqrt{4} + 3!!) \times 21. \\
439712 &= 9! + 7^4 \times 32 \times 1. \\
452139 &= (\sqrt{9})!! \times (5^4 + 3) - 21. \\
452169 &= 9 + 6! \times (5^4 + 2 + 1). \\
453791 &= \sqrt{9} + 7^5 \times (4! + 3) - 1. \\
453921 &= 9! \times 5 / 4 + 321. \\
457921 &= ((\sqrt{9})!! + 75) \times 4!^2 + 1. \\
459271 &= \sqrt{9^7} \times 5 \times 42 + 1. \\
459361 &= ((\sqrt{9})!! - \sqrt{6! \times 5}) \times (-4! + 3!!) + 1. \\
465129 &= 9 + 6! \times (5^4 + 21). \\
468791 &= (-\sqrt{9} + 8)^7 \times 6 + 41. \\
471239 &= 9! + 7! \times 43 / 2 - 1. \\
475139 &= ((\sqrt{9})!! - 7 - 54) \times (3!! + 1). \\
479162 &= 9! + (\sqrt{7^6} - \sqrt{4})^2 + 1. \\
479231 &= ((\sqrt{9})!^7 - (\sqrt{4^3})!) \times 2 - 1. \\
481952 &= 9! + 8 \times (5! + \sqrt{4})^2 \times 1. \\
482591 &= ((\sqrt{9})! \times 8! - 5^4) \times 2 + 1. \\
489217 &= 98 \times (7! - 4! \times 2) + 1. \\
491526 &= (9 - 6)! + 5! \times 4^{(2+1)!}. \\
491532 &= -9 + 5! \times 4^{3!} + 21. \\
492561 &= 9^6 - 54 \times (2 + 1)!!!. \\
493718 &= 98 \times (7! - \sqrt{4}) - 3! \times 1. \\
497281 &= ((\sqrt{9})! + 8! \times 74) / (2 + 1)!. \\
497318 &= ((\sqrt{9} + 8!) \times 74) / 3! + 1. \\
498231 &= -9 - 8! / \sqrt{4} + 3!!^2 \times 1. \\
498316 &= ((\sqrt{9})! + 8 - 6!)^{\sqrt{4}} - (3! - 1)!. \\
514296 &= (\sqrt{9})!! \times (6! - 5) - 4! \times 21. \\
514369 &= (\sqrt{9})!! \times (6! - 5) - 431. \\
516879 &= -\sqrt{9^8} + (7 + 6!) \times (5 + 1)!. \\
517392 &= -(\sqrt{9})!! \times 7 / 5 + 3!!^2 \times 1. \\
518293 &= (\sqrt{9})! + 8 - 5! + 3!!^2 - 1. \\
518329 &= -9 \times 8 + (5! \times 3!)^2 + 1. \\
518967 &= \sqrt{\sqrt{9^8}} \times 7 + 6!^{\sqrt{5-1}}. \\
518973 &= 9! + 8 + (7! - 5) \times 31. \\
518976 &= 9! \times 8 / 7! + 6!^{\sqrt{5-1}}. \\
519236 &= -\sqrt{9} + 6! + 5! + 3!!^2 - 1. \\
519263 &= (\sqrt{9})! \times 6! / 5 + 3!!^2 - 1. \\
519472 &= -(\sqrt{9})!! + (7 + 5!) \times 4^{(2+1)!}. \\
519473 &= -(\sqrt{9})!! + (7 + 5!) \times (4^{3!}) + 1. \\
519624 &= 9! - 6! + 54^{2+1}. \\
521496 &= (\sqrt{9})!! \times (6! + 5) - 4! \times 21. \\
521639 &= \sqrt{\sqrt{9^6}} \times 5! + 3!!^2 - 1. \\
521963 &= (\sqrt{9})!! \times (6! + 5) - 3!^2 - 1. \\
523419 &= (\sqrt{9})!! \times (5 + \sqrt{4} + 3!!) - 21. \\
524193 &= -95 + \sqrt{4^{3!!/2+1}}. \\
524319 &= (\sqrt{9})!! / 5 + (4 + 3!!)^2 - 1. \\
526914 &= (\sqrt{9})! \times (6! \times (5! + \sqrt{4}) - 21). \\
529137 &= ((\sqrt{9})!! \times 7 \times 5 - 3) \times 21. \\
529317 &= -9 + (7! \times 5 + 3!) \times 21. \\
529641 &= 9^6 - 5! \times (4^2 - 1). \\
531296 &= 9^6 - 5! - (3! - 2)! - 1. \\
531692 &= 9^6 + 5^3 \times 2 + 1. \\
531946 &= 9^6 + 5^4 - (3! - 1)!. \\
534916 &= 9^6 - 5 \times (4! - 3!! + 1). \\
536491 &= 9^6 + 5 \times \sqrt{4} + (3! + 1)!. \\
537921 &= (\sqrt{9} + 7^5) \times 32 + 1. \\
539421 &= ((\sqrt{9})!! + 5) \times (4! + 3!!) + 21. \\
543169 &= (-\sqrt{9} + 6! + 5 \times 4)^{3-1}. \\
546129 &= 9 + ((6! - 5 + 4!)^2 - 1). \\
561924 &= ((\sqrt{9})! + 6!) \times (54 + (2 + 1)!!). \\
563219 &= (\sqrt{9})!! + (6 \times 5^3)^2 - 1. \\
563941 &= (\sqrt{9} + 6!) \times (5! / \sqrt{4} + 3!!) + 1. \\
572391 &= -9 + (75 + 3!!) \times (2 + 1)!!!. \\
576198 &= (\sqrt{9})! \times (87 + 6!) \times (5! - 1). \\
579132 &= (\sqrt{9})! \times (7^5 - 3!!) \times (2 + 1)!. \\
579681 &= \sqrt{\sqrt{9^8}} + 7! \times (-6 + 5! + 1). \\
581329 &= 9! \times 8 / 5 + (3 \times 2!) + 1. \\
582913 &= (9! - 8!) / 5 + 3!!^2 + 1. \\
591362 &= (9 \times 6 - 5 + 3!!)^2 + 1. \\
592713 &= 9 + (7! / \sqrt{5} \times 3!!)^{2+1}. \\
593187 &= 987 \times (-5! + 3!! + 1). \\
593281 &= 9! + (8 \times \sqrt{5} \times 3!!)^2 + 1. \\
619875 &= (-\sqrt{\sqrt{9^8}} + 7!) \times (6 + 5! - 1). \\
621954 &= (\sqrt{9})! \times (6! \times (5! + 4!) - 21). \\
624981 &= 9! + 8^6 - 42 - 1. \\
631879 &= \sqrt{9} + (8! + 7^6) \times (3 + 1). \\
632159 &= (9! - 65 \times 3!!) \times 2 - 1. \\
651249 &= (-9 + 6! + 5! - 4!)^2 \times 1. \\
651897 &= (9 + 8! / 7) \times (-6 + 5! - 1). \\
652319 &= (\sqrt{9})!! \times (6 + (5 \times 3!)^2) - 1. \\
684913 &= (9 + 8) \times ((\sqrt{64})! - 3!). \\
687159 &= (-\sqrt{\sqrt{9^8}} + 7! + 6!) \times (5! + 1). \\
691734 &= -(\sqrt{9})! + 7! + 6! \times 4! \times 31. \\
692147 &= (9! - \sqrt{7^6+4}) \times 2 + 1. \\
714289 &= (9! - 8! / 7 + 4!) \times 2 + 1. \\
714983 &= \sqrt{9} \times 8 \times (7 + 4!)^3 - 1. \\
715968 &= \left( \sqrt{(\sqrt{9})!^8} + 7! \right) \times (-6 + 5! - 1). \\
719435 &= ((\sqrt{9})! - 7! / 5) \times (\sqrt{4} - 3!!) - 1. \\
719586 &= 9 \times (8! - \sqrt{7^6}) \times \sqrt{5} - 1. \\
719823 &= (\sqrt{9})!! + (8 + 7! / 3!)^2 - 1. \\
723591 &= -9 + (7! / 5 - 3) \times (2 + 1)!!!. \\
725914 &= (9! + 75 + \sqrt{4}) \times 2 \times 1. \\
731249 &= (9! + (7 \times \sqrt{4})^3) \times 2 + 1. \\
735921 &= (9! + 7! + 5! / 3) \times 2 + 1. \\
739514 &= (\sqrt{9})! + 7^5 \times (43 + 1). \\
742591 &= (((\sqrt{9})! + 7)^5 + \sqrt{4}) \times 2 + 1. \\
749281 &= (9! + 8! \times 7 / 4!) \times 2 + 1. \\
751689 &= (-9 + 876)^{\sqrt{5-1}}. \\
759421 &= (9! + 7^5 + 4!) \times 2 - 1.
\end{aligned}$$

$$\begin{aligned}
761983 &= -9! + (8 \times (7 + 6))^3 - 1. \\
761984 &= -9! + (8 \times (7 + 6))^{4-1}. \\
768951 &= 9 \times ((-8!/7! + 6!) \times 5! - 1). \\
786419 &= \sqrt{9} \times ((8!/7!)^6 - 4) - 1. \\
819425 &= (9 + 8^5) \times (4 + 21). \\
829314 &= (\sqrt{9})! \times (8 \times 4! \times 3!! - 21). \\
829461 &= (\sqrt{9})! \times 8 \times 6! \times 4! + 21. \\
837291 &= ((\sqrt{9})!^8 - 7! + 3!)/2 \times 1. \\
841967 &= ((\sqrt{9})!^8 + 7! - 6!)/\sqrt{4} - 1. \\
846179 &= \sqrt{9} \times (8! \times 7 - 6!/4) - 1. \\
849231 &= -9 + (8! + (\sqrt{4} + 3)!) \times 21. \\
851249 &= -(\sqrt{9})!! + 8^5 \times (4! + 2) + 1. \\
861924 &= ((\sqrt{9})!! + 8! + 6 - \sqrt{4}) \times 21. \\
861973 &= (9!/8 + 7) \times (6 \times 3 + 1). \\
867139 &= (-9! + 8^7 + 6)/(3 - 1). \\
871569 &= 9 \times ((87 + 6!) \times 5! + 1). \\
912385 &= -(\sqrt{9})!^8 + 5 \times 3!!^2 + 1. \\
912674 &= 97^{6/(4/2)} + 1. \\
914376 &= ((\sqrt{9})! \times 7! - 6! - 4!) \times 31. \\
915837 &= \sqrt{9} \times (8!/7 \times 53 - 1). \\
916423 &= 9! + 6 + (4! + 3!!)^2 + 1. \\
916734 &= (-\sqrt{9} + 7!) \times (6!/4 + 3 - 1). \\
917358 &= (\sqrt{9} + 8! - 7!) \times (-5 + 31). \\
917568 &= \sqrt{(\sqrt{9})!^8} \times (-7 + 6! - 5 \times 1). \\
924761 &= ((\sqrt{9})!! - 7) \times (6^4 + 2 - 1). \\
931248 &= \sqrt{(\sqrt{9})!^8} \times (-\sqrt{4} + 3!!) + (2 + 1)!!. \\
931728 &= 9! + 8! + (7 + 3!!)^2 - 1. \\
931824 &= (\sqrt{9})!^{8-4} \times ((3 \times 2)! - 1). \\
934561 &= (9 \times 6!/5 + \sqrt{4}) \times 3!! + 1. \\
935712 &= 9!/7! \times (5! - 3!)^2 \times 1. \\
936417 &= (-9 + 7! \times 6 - 4!) \times 31. \\
937186 &= -(\sqrt{9})! + (-8 + 7! \times 6) \times 31. \\
937416 &= (\sqrt{9})!! + (7! \times 6 - 4!) \times 31. \\
938164 &= \sqrt{(\sqrt{9})!^8} \times 6! + 4 + (3! + 1)!. \\
938167 &= (\sqrt{(\sqrt{9})!^8} + 7) \times 6! + 3! + 1. \\
945216 &= 9!/6 + (5! - 4!)^{2+1}. \\
947813 &= (\sqrt{9})! \times (8! + 7^{\sqrt{4} \times 3}) - 1. \\
947816 &= (\sqrt{9})! \times (8! + 7^6) + \sqrt{4} \times 1. \\
951426 &= 9 \times (-6 + (5 + \sqrt{4})!) \times 21. \\
952371 &= 9 \times (7! + 5 - 3!) \times 21. \\
952614 &= 9 \times (6 + (5 + \sqrt{4})!) \times 21). \\
953127 &= 9 \times 7 \times (5! + 3)^2 \times 1. \\
971325 &= 9 \times 75 \times (3!! \times 2 - 1). \\
974138 &= 987^{\sqrt{4}} - 31. \\
974168 &= 987^{6-4} - 1. \\
984261 &= -(\sqrt{9})!! + (8! + 6!) \times 4! + 21. \\
234586 &= 8 - 6! + (5 + \sqrt{4})^{3!} \times 2. \\
234786 &= (8 + \sqrt{7^6} - 4!) \times (3!! - 2). \\
235468 &= -8 - 6! + (5! \times 4 + 3!)^2. \\
235684 &= -\sqrt{8^6} + (5! \times 4 + 3!)^2. \\
236875 &= -8! \times 7 + 6! - 5 + 3!!^2. \\
237864 &= (8! + 7) \times 6 - 4^{3!} - 2. \\
238456 &= -8 - 6^{5+\sqrt{4}} + 3!!^2. \\
254368 &= 8^6 - (5 - \sqrt{4})!^{3+2}. \\
254687 &= 8! + (\sqrt{7^6} + 5!)^{\sqrt{4}} - 2. \\
254876 &= (-8 + (7! - 6!)) \times (5! - \sqrt{4})/2. \\
256784 &= (8! + 7!) \times 6 - (5! + 4)^2. \\
265384 &= 8^6 + (5 + 4) \times 3!!/2. \\
267584 &= 8! \times 7 + 6! - (5! + 4)^2. \\
274658 &= 8! + (7^6 - 5! \times 4) \times 2. \\
275368 &= 8! + (7^6 - 5^3) \times 2. \\
276843 &= (8! - 7! + 6!^{\sqrt{4}} + 3!)/2. \\
284736 &= -8! \times 7/6 + 4!^{3!-2}. \\
284763 &= 8! \times 7 + (6 + (4 + 3!))/2. \\
326875 &= -8! + 7! - 6! - 5 + (3^2)!. \\
327568 &= -8 + 7! \times 65 - (3! - 2)!. \\
342658 &= -8^6 + 5! \times (4 + 3)! + 2. \\
352684 &= 86 \times (5 + 4^{3!}) - 2. \\
352768 &= (8! + 7! \times 6) \times 5 - 32. \\
352864 &= 8^6 + (5 + 4)!/(3! - 2). \\
356284 &= -8!/6 + 5! + 4 + (3^2)!. \\
357862 &= -8 - 7! + 6 \times 5 + (3^2)!. \\
358672 &= -8 - 7!/6 \times 5 + (3^2)!. \\
362548 &= -8 - 6 \times 54 + (3^2)!. \\
362584 &= -8 - (6!/5) \times \sqrt{4} + (3^2)!. \\
362748 &= 8 - 7!/(6^{\sqrt{4}}) + (3^2)!. \\
362785 &= -(8 + 7) \times 6 - 5 + (3^2)!. \\
362847 &= (\sqrt{87 - 6})! - 4! - 3^2. \\
365248 &= (-8 + 6! - 5!) \times 4 + (3^2)!. \\
367852 &= -8 + 7! + \sqrt{6! \times 5} + (3^2)!. \\
368524 &= 8 \times 6! - 5! + 4 + (3^2)!. \\
368752 &= -8 + 7 \times (6! + 5!) + (3^2)!. \\
375842 &= 87 \times (5 - \sqrt{4})!! \times 3! + 2. \\
428736 &= 8 \times \sqrt{7^6} \times 4! + (3^2)!. \\
453728 &= ((8! + 7!) \times 5 + 4^3) \times 2. \\
458632 &= -8 + 6! \times (5^4 + 3! \times 2). \\
468372 &= (8! + 7 - 6^4) \times 3! \times 2. \\
478532 &= -8! + (-7 + 5!) \times 4 + 3!!^2. \\
485632 &= -8^{6-5+4} + 3!!^2. \\
523478 &= 8 + 7! + 5!/4 + 3!!^2. \\
523648 &= (8^6 - 5 \times 4^3) \times 2. \\
523846 &= (-8! + 6!/5!) + (4 + 3!!)^2. \\
524368 &= (8^6 + 5 \times 4!/3) \times 2. \\
524378 &= (8^7 - 5!)/4 + (3 + 2)!. \\
524638 &= ((8^6 - 5) \times 4 + 3!!)/2. \\
524683 &= \sqrt{8^6} - 5 + (4 + 3!!)^2. \\
524768 &= ((8!/7!)^6 + 5! \times \sqrt{4}) \times 2. \\
524873 &= -8 + 7! + (5 - 4 + 3!!)^2. \\
526348 &= -8 - 6! + ((5 - \sqrt{4})! + 3!!)^2. \\
528473 &= -8 \times 7 + (5 + \sqrt{4} + 3!!)^2. \\
534268 &= -8 + (6 + 5!)^{\sqrt{4}} + 3!!^2. \\
537826 &= (8!/7! + 6)^5 + \sqrt{3!} - 2. \\
548632 &= -8 + 6 \times (5 + \sqrt{4})! + 3!!^2. \\
563728 &= -8! + (7! - 6) \times 5! - 32. \\
623584 &= 8^6 + (5 + 4)! - 3!! \times 2. \\
625378 &= (876 - 5) \times (3!! - 2). \\
625384 &= 8^6 + (5 + 4)! + 3!!/2. \\
627845 &= 8! + 7^6 \times 5 - (4 + 2)!. \\
628573 &= 8! + 7^6 \times 5 + 3! + 2. \\
632587 &= (8! + 7) \times 6 + 5^{3!+2}. \\
675328 &= 8! + 7! \times (6 + 5!) - 32. \\
724586 &= (-8 + 7!) \times 6!/5 - 4! + 2.
\end{aligned}$$



$$\begin{aligned}
 738256 &= (8 - 7! + (-6 + 5!)^3)/2. \\
 742568 &= -8 + (7 + 6)^5 \times \sqrt{4} - 2. \\
 742586 &= 8 + ((7 + 6)^5 - 4) \times 2. \\
 746238 &= 8! + (7^6 + 4) \times 3 \times 2. \\
 765824 &= (-8^7 + (6!/5! + 4!))/2. \\
 823756 &= -8! + 76 + 5^3/2. \\
 832576 &= (8^7 - (6! - 5!) \times 3!)/2. \\
 846372 &= (8! \times 7 \times 6 + 4! - 3!)/2. \\
 846723 &= (8! \times 7 \times 6 + \sqrt{4} \times 3)/2. \\
 846725 &= (8! \times 7 \times 6 + 5 \times \sqrt{4})/2. \\
 863572 &= -8 + (-7!/6 + 5!^3)/2. \\
 864352 &= (-8 + 6! + (5 \times 4!)^3)/2. \\
 865372 &= (8 \times \sqrt{7^6} + 5!^3)/2. \\
 \\
 234569 &= -\sqrt{9^6} + (5 + \sqrt{4})^{3!} \times 2. \\
 234976 &= (9 + 7 + 6)^4 + (3 \times 2)!. \\
 235947 &= (97 \times 5)^{\sqrt{4}} + 3!! + 2. \\
 236749 &= \sqrt{9} + (7^6 + 4 + 3!)/2. \\
 236978 &= 98 - 7! + 6 \times (3! + 2)!. \\
 237896 &= (\sqrt{(\sqrt{9})!^8} + 7^6 + 3) \times 2. \\
 237948 &= 9! + 87 \times (4 - 3!! \times 2). \\
 239487 &= (\sqrt{9})! \times 8! - 7^4 - 32. \\
 239867 &= (\sqrt{9})! \times (8! - \sqrt{7^6}) + 3 + 2. \\
 243978 &= (\sqrt{9})! \times (8! + 7 \times (4 + 3)^2). \\
 243986 &= (\sqrt{9} + 8!) \times 6 + 4^{3!}/2. \\
 245739 &= -\sqrt{9} \times 7 + 5! \times 4^{3!}/2. \\
 246879 &= -\sqrt{\sqrt{9^8}} + \sqrt{7^6} \times (4 + 2)!. \\
 246973 &= (\sqrt{9})!! \times \sqrt{7^6} + 4 + 3^2. \\
 246983 &= -9 + 86 \times 4 \times (3!! - 2). \\
 247698 &= (\sqrt{9})! \times 8! + \sqrt{76^4} + 2. \\
 247936 &= ((\sqrt{9})!! + 7! + 6) \times 43 - 2. \\
 247938 &= ((\sqrt{9})! + 8!/7) \times \sqrt{43^2}. \\
 247983 &= ((\sqrt{9})!! \times 8 + 7) \times 43 + 2. \\
 248769 &= \sqrt{9^8} + (7! + 6) \times 4! \times 2. \\
 248976 &= (\sqrt{9})! \times 8! + (7 \times 6 \times \sqrt{4})^2. \\
 249678 &= ((\sqrt{9})!! + 8) \times \sqrt{7^6} - 4! - 2. \\
 249873 &= 9 + 87 \times 4 \times (3!! - 2). \\
 253469 &= ((\sqrt{9} - 6! + 5)^{\sqrt{4}} - 3!)/2. \\
 258937 &= -\sqrt{9} \times (87 - 5! \times 3!)/2. \\
 263984 &= -9 + 8^6 + 43^2. \\
 274986 &= \sqrt{9^8} \times 7 \times 6 - 4!^2. \\
 276849 &= 9 + (8! - 7! + 6!^{\sqrt{4}})/2. \\
 276948 &= -((\sqrt{9})!! - 8!) \times 7 - 6 \times 42. \\
 279368 &= (9 + 8! + 7 + 6! \times 3!)/2. \\
 279436 &= (\sqrt{9})!^7 - (6 + 4)^3/2. \\
 279453 &= (\sqrt{9})!^7 - 5! \times 4 - \sqrt{3^2}. \\
 279648 &= 9! - (8 \times 7! + 6^4) \times 2. \\
 279684 &= (\sqrt{9!/8!})!^7 - 6 \times 42. \\
 279865 &= -\sqrt{9 - 8 + 7!} + 6^{5+2}. \\
 284769 &= (-9 + 8!) \times 7 + 6^4 \times 2. \\
 287493 &= -\sqrt{9} + (-8 + 74)^{3!/2}. \\
 287963 &= -\sqrt{9} + 8! + \sqrt{7^6} \times (3!! + 2). \\
 293748 &= 9! - 8! - 7^4 \times 3! \times 2. \\
 293874 &= 9! - 8! - 7 \times (4^{3!} + 2). \\
 294835 &= -(\sqrt{9})! - 8 + 543^2. \\
 296784 &= 9!/8 \times 7 - (6 \times 4!)^2.
 \end{aligned}$$

$$\begin{aligned}
 325496 &= (-9! + (6! + 5)^{\sqrt{4}} + 3) \times 2. \\
 326954 &= -(\sqrt{9})! - 6! + 5 \times 4^{3!+2}. \\
 327985 &= -(\sqrt{9})!! \times 87 + 5^{3!+2}. \\
 329758 &= (\sqrt{9})!! \times (8 + 75 \times 3!) - 2. \\
 345279 &= ((9 - 7 \times 5!)^{\sqrt{4}} - 3)/2. \\
 345927 &= 9! - 7^5 - 4! \times 3! - 2. \\
 349762 &= -\sqrt{9^7} \times 6 + 4 + (3^2)!. \\
 357249 &= 9! - 75^{\sqrt{4}} - 3 \times 2. \\
 362497 &= 9! - \sqrt{7^6} - 4 - 3!^2. \\
 364259 &= 9! - 65 + 4 + 3!! \times 2. \\
 364729 &= 9! + (7 - 6) \times 43^2. \\
 364925 &= 9! - (6!/5! - 4^{3!})/2. \\
 364927 &= 9! - 7 + 6 + 4^{3!}/2. \\
 364972 &= 9! + \sqrt{7^6} \times 4 + (3 \times 2)!. \\
 364982 &= 9 \times (8! + 6) + 4^{3!}/2. \\
 367249 &= 9! + 7! - 6! + (4 + 3)^2. \\
 367289 &= 9! + 87 + 6! \times 3! + 2. \\
 368294 &= 9! + 8 \times (6! - 43) - 2. \\
 368297 &= (\sqrt{9})!! \times 8 - \sqrt{7^6} + (3^2)!. \\
 368972 &= 9! + 8 + ((7 + 6) \times 3!)^2. \\
 369274 &= 9! + 7! + (6! - 43) \times 2. \\
 369284 &= 9 \times (-8 + 6!) - 4 + (3^2)!. \\
 369425 &= 9! + 6543 + 2. \\
 369427 &= 9 \times (7 + 6!) + 4 + (3^2)!. \\
 375492 &= 9! + (7! \times 5 + 4 \times 3!)/2. \\
 376942 &= 97 \times (6^4 \times 3 - 2). \\
 378592 &= 9! + 87 + 5^{3 \times 2}. \\
 387269 &= \sqrt{\left(\sqrt{\sqrt{(\sqrt{9})!^8} - 7}\right)^6} + (3^2)!. \\
 389752 &= 9! - 8 + 7 \times 5! \times 32. \\
 392648 &= 9! + 8 \times (64 - 3)^2. \\
 392764 &= 9! + 7! \times 6 + 4 - 3!!/2. \\
 392768 &= 9! + 8 + 7! \times 6 - 3!!/2. \\
 394278 &= (\sqrt{9})! + 8 \times (74 \times 3)^2. \\
 394287 &= 9! + 87 \times (\sqrt{4} + 3!)/2. \\
 395426 &= 9! - 6^5 + (4!/3!) + 2. \\
 397428 &= 9! + (8!/7 - \sqrt{4}) \times 3 \times 2. \\
 397824 &= 9! + 8! - 7 \times 4! \times 32. \\
 397826 &= -(\sqrt{9})! + 8 \times (7 + 6^3)^2. \\
 428976 &= 9 \times (8! + 7!) + (6 \times 4!)^2. \\
 438297 &= -9 + 87 \times ((4 + 3)! - 2). \\
 453792 &= \sqrt{9} + 7^5 \times (4! + 3!)/2. \\
 467289 &= -9!/8 - 7 + (6! - 4)^2. \\
 472389 &= -\sqrt{9} + 8 \times (7 + \sqrt{4})^{3+2}. \\
 472896 &= (\sqrt{9^8} + 7) \times 6 \times 4!/2. \\
 476298 &= 9 \times ((8! - 7!) \times 6/4 + 2). \\
 482796 &= (\sqrt{9})! \times (-87 + (\sqrt{64})!) \times 2. \\
 487296 &= ((-\sqrt{9} + 8)! \times 7 + 6) \times 4!^2. \\
 487962 &= \sqrt{9} \times ((8! + \sqrt{7^6}) \times 4 + 2). \\
 492563 &= 9^6 - 54 \times 3!! + 2. \\
 493728 &= 98 \times (7! - \sqrt{4}) + 3! - 2. \\
 497283 &= \sqrt{9} + 8! \times 74/(3 \times 2). \\
 523479 &= 9 + 7! + 5!/4 + 3!!^2. \\
 523497 &= \sqrt{9} + 7! + 54 + 3!!^2. \\
 526394 &= 9^6 - 5 - (4 + 3)! - 2. \\
 532649 &= 9^6 + (-5! + 4 + 3!)/2.
 \end{aligned}$$

$$\begin{aligned}
537289 &= \left( (\sqrt{9})!! + 8 + \sqrt{75/3} \right)^2. \\
537829 &= -\sqrt{9} + 8 + 7^5 \times 32. \\
539462 &= \sqrt{9^6} \times (5 \times 4 + 3!!) + 2. \\
549362 &= (\sqrt{9})!! \times (6 \times 5! + 43) + 2. \\
572398 &= (\sqrt{9})!! \times (8 + 7) \times 53 - 2. \\
578296 &= -9! + 8 \times (7^{6!/5!} - 2). \\
627984 &= ((\sqrt{9})!! - 8) \times (7!/6 + 42). \\
634927 &= (\sqrt{9})!! + \sqrt{7^6} \times 43^2. \\
642978 &= \sqrt{9^8} \times 7^{6-4} \times 2. \\
649728 &= \left( \sqrt{\sqrt{(\sqrt{9})!^8 + 7!}} \right) \times 64 \times 2. \\
672985 &= -(\sqrt{9})!! - 8! + (7!/6 + 5)^2. \\
673924 &= 9!/7 \times 6 + 4 + (3^2)!. \\
673928 &= -9! + 8!/7! + 6! \times 3!! \times 2. \\
679582 &= -98 + (7! + 6!) \times (5! - 2). \\
694732 &= 9! + 76 + 4!^{3!-2}. \\
697234 &= 9 + (7!/6 - \sqrt{4} - 3)^2. \\
725983 &= ((\sqrt{9})! \times 8! + 75) \times 3 - 2. \\
725986 &= (9! - 8 + 7 - 6 + 5!) \times 2. \\
728496 &= 9 \times (8! + 76 \times \sqrt{4}) \times 2. \\
729648 &= (9! + (87 - 6) \times 4!) \times 2. \\
748962 &= 9 \times (8! - 7 + 6^4) \times 2. \\
753492 &= (9! + 7!/5! + 4!^3) \times 2. \\
759342 &= (9! + 7^5) \times \sqrt{4} - 32. \\
764928 &= ((\sqrt{9})!! + 8 \times 76) \times 4!^2. \\
782946 &= \sqrt{(9!/8!)^7} \times (6! - 4)/2. \\
783692 &= ((\sqrt{9})!! + 8) \times (-7 + 6! \times 3)/2. \\
789264 &= \sqrt{\sqrt{9^8}} \times 7 \times (6! - 4!) \times 2. \\
793824 &= \sqrt{9} \times 8 + 7!^{\sqrt{4}}/32. \\
796248 &= (9! + 8! - 7! - \sqrt{6^4}) \times 2. \\
837629 &= -\sqrt{9} - 8! + 76^3 \times 2. \\
842976 &= ((\sqrt{9})!^8 + 7! + 6^4)/2. \\
846972 &= \sqrt{9} \times 8! \times 7 + 6 \times 42. \\
847692 &= \sqrt{9} \times (8! \times 7 + (6 - 4!)^2). \\
894327 &= 9! + 8 + (7 + \sqrt{4})^{3!} - 2. \\
897624 &= (\sqrt{9})! \times (8!/7 - 6) \times (4! + 2). \\
924768 &= 9! + (8! \times 7 - 6^4) \times 2. \\
934562 &= (9 \times 6!/5 + \sqrt{4}) \times 3!! + 2. \\
942768 &= \sqrt{(\sqrt{9})!^8} \times (7 + 6!) + 4!^2. \\
943572 &= 9! + 7!/5! \times (4!^3 + 2). \\
947826 &= \sqrt{9} \times (8! + 7^6 + \sqrt{4}) \times 2. \\
948672 &= \sqrt{(\sqrt{9})!^{8!/7!}} \times (6! + 4!/2). \\
953264 &= (-96 + (5! + 4!)^3)/2. \\
964832 &= ((\sqrt{9})! \times 8! - 6!) \times 4 + 32. \\
967328 &= (-\sqrt{9} - 8 + 7! \times 6) \times 32. \\
968247 &= -9 + (8!/(7 \times 6) + 4!)^2. \\
968432 &= (\sqrt{9})!! + 8! \times 6 \times 4 + 32. \\
976482 &= (\sqrt{9^8} - 7!) \times 642. \\
983724 &= 98 \times (7! - 4! + 3) \times 2. \\
984672 &= (-\sqrt{9})!^8 + 7! \times (6! + 4!)/2. \\
987624 &= (-9 + 8! + 7!/6) \times (\sqrt{4^2})!. \\
347598 &= 9 \times 8! - (7! + 54) \times 3. \\
347698 &= 9! - 8 - (7! - 6 + 4!) \times 3. \\
348597 &= 9! - (87 + 5!)^{\sqrt{4}}/3. \\
349785 &= 9 \times (-8 - 7 + 54 \times 3!!). \\
354789 &= 9! - 87 \times (5! - 4! - 3). \\
357698 &= ((\sqrt{9})! - 8 + 7!) \times (65 + 3!). \\
364798 &= 9! + (8! - 7 \times 6)/(4! - 3). \\
364978 &= 9! - 8 \times 7 + (6! - \sqrt{4}) \times 3. \\
365978 &= 9 \times (8! + \sqrt{7^6}) + 5 + 3!. \\
367498 &= 9! + 87 \times 6 + 4^{3!}. \\
367985 &= 9! + 8!/7 + 65 - 3!!). \\
368759 &= 9! + 8!/7 - 6 + 5^3. \\
369487 &= 9 \times (8! + 7 + 6!) + 4^3. \\
369875 &= \sqrt{9} + 8^7 + 6! - 5!^3. \\
375849 &= 9 + 87 \times (5 - \sqrt{4})!! \times 3!. \\
375894 &= 9 \times (87 \times 5! \times 4 + 3!). \\
375984 &= 9! \times (-8 + 754)/3!!). \\
379485 &= 9 \times (8! - 75) + 4! \times 3!!). \\
379584 &= 9! + 87 \times (5! + 4! \times 3). \\
379684 &= 9 \times 8! + \sqrt{7^{6+4}} - 3. \\
379865 &= 9! + 8! - 7 - 6^5 \times 3. \\
386597 &= (-9 - 8! + 7^6) \times 5 - 3. \\
387569 &= 9! + 8 \times 7! - 6 - 5^{3!}. \\
389745 &= (\sqrt{9})!! + 8 + (75 - \sqrt{4})^3. \\
389764 &= 9! + (8 \times 7! + 6) \times \sqrt{4}/3. \\
394587 &= -(\sqrt{9})!! + (87 - 5!)^4/3. \\
397584 &= ((\sqrt{9})!! \times (87 + 5) + 4!) \times 3!. \\
438967 &= -9 + 8 \times (76/\sqrt{4})^3. \\
439587 &= \sqrt{9^8} \times (75 - 4!/3). \\
468793 &= (-\sqrt{9} + 8)^7 \times 6 + 43. \\
478953 &= \sqrt{9^8} \times (75 + 4 - 3!). \\
489375 &= \sqrt{9} \times 87 \times 5^4 \times 3. \\
493758 &= 98 \times 7! - 54 \times 3. \\
496837 &= (\sqrt{9^8} + 7^6) \times 4 - 3. \\
498637 &= \sqrt{9^8} \times 76 + 4 - 3. \\
498736 &= 98 \times 7! + 6! + 4^{3!}. \\
563987 &= 98 \times (7! + 6! - 5) - 3. \\
735896 &= ((9! + 8 + 7!) \times 6 + 5!)/3. \\
738594 &= ((\sqrt{9})!! + 8! - 7) \times 54/3. \\
859763 &= (\sqrt{(\sqrt{9})!^8} - 7) \times (6! - 53). \\
934578 &= (9 + 8!/7) \times 54 \times 3. \\
103645 &= 6 \times (-5 + 4! \times 3!! - 1) + 0!. \\
104256 &= 6!/5 \times (4 + (2 + 1)!! \times 0!). \\
124560 &= 6! \times ((5 + 4!) \times (2 + 1)! - 0!). \\
125306 &= (6 - 5! \times 3)^2 - 10. \\
130624 &= 6!/4 \times 3!! + 2^{10}. \\
140625 &= ((6! + 5!/4)/2)^{1+0!}. \\
142560 &= 6! \times (5 + 4) \times (21 + 0!). \\
146350 &= ((6 + 5)^4 - 3!) \times 10. \\
152064 &= (6 + 5) \times 4!^{2+1 \times 0!}. \\
152460 &= (6 + (5 - \sqrt{4})!!) \times 210. \\
152640 &= 6 \times 5! \times (\sqrt{4} + 210). \\
156240 &= 6 \times (5! + 4) \times 210. \\
162540 &= (6! + 54) \times 210. \\
163450 &= (6! + 5^{\sqrt{4} \times 3}) \times 10. \\
214560 &= (6! + (5! + 4!)^2) \times 10. \\
241056 &= 6^5 \times (4! + (2 + 1)! + 0!). \\
241560 &= 6 \times (-5!/\sqrt{4} + (-2 + 10)!). \\
254016 &= ((6 + 5!) \times 4!)^2 \times 1 \times 0!.
\end{aligned}$$

$$\begin{aligned}
254160 &= 6! \times ((5! - \sqrt{4}) \times (2 + 1) - 0!). \\
263540 &= 6! \times (5! + \sqrt{4}) \times 3 + 20. \\
312506 &= 6 + 5^{3!} \times 2 \times 10. \\
312560 &= (6 + 5^{3!} \times 2) \times 10. \\
340561 &= 6! \times (5! \times 4 - 3! - 1) + 0!. \\
345601 &= 6! \times 5! \times 4 + (31 \times 0)!. \\
345602 &= 6! \times 5! \times 4 + 3 - 2 + 0!. \\
345610 &= 6! \times (5! \times 4!)/3! + 10. \\
345620 &= (6 - 5 + 4! \times 3!) \times 20. \\
350641 &= 6! \times (5! \times 4 + 3! + 1) + 0!. \\
354026 &= (6! - 5! - \sqrt{4} - 3!)^2 + 0!. \\
361450 &= -6! + (5 + 4)! - 3!! + 10. \\
362045 &= -6! - 5! + 4 + (3^2)! + 0!. \\
362150 &= -6 \times 5! + (3^2)! - 10. \\
362405 &= 6 - 5! \times 4 + (3^2)! - 0!. \\
365041 &= (6! - 5!)^{\sqrt{4}} + (3! + 1)! + 0!. \\
403156 &= 6 + (-5 + (4!/3!)) \times 10. \\
412560 &= 6! \times (-5 + 4!^2 + 1 + 0!). \\
435601 &= (6! - 5!/\sqrt{4})^{3-1} + 0!. \\
450631 &= 6 + 5^4 \times (3!! + 1) - 0. \\
452160 &= 6! \times (5^4 + 2 + 1 \times 0!). \\
453601 &= 6! \times (5^4 + 3! - 1) + 0!. \\
461520 &= 6! + (5! \times 4)^2 \times (1 + 0!). \\
465120 &= 6! \times (5^4 + 21 \times 0!). \\
501263 &= (\sqrt{6!}/5 - 3!!)^2 - 1 \times 0!. \\
501264 &= (6 \times (5! - 4 + 2))^{1+0!}. \\
510623 &= -6^5 + 3!!^2 - 1 \times 0!. \\
510624 &= -6^5 + (4 + 2)!^{1+0!}. \\
512640 &= 6! \times ((5 - \sqrt{4})!! + 2 - 10). \\
516230 &= (6! - 5) \times ((3 \times 2)! + 1 + 0!). \\
516240 &= 6! \times ((5 - \sqrt{4})!! - 2 - 1 + 0). \\
523460 &= 6! \times (5 + \sqrt{4} + 3!!) + 20. \\
524063 &= 6 - 5! + (4 + 3!!)^2 + 0!. \\
524160 &= (6 + 5 + \sqrt{4}) \times (-2 + 10)!. \\
524601 &= (6! + 5)^{\sqrt{4}} - 2^{10}. \\
532064 &= 6^5 + \sqrt{4^{\sqrt{3!!/2+0!}}}. \\
536401 &= 6! \times ((5! + 4) \times 3! + 1) + 0!. \\
536402 &= (6! + 5^{\sqrt{4}}) \times 3!! + 2 - 0. \\
546120 &= (6! - 5 + 4!)^2 - 1 \times 0!. \\
604315 &= -6 + 5! \times (-4 + (3! + 1)!) + 0!. \\
645120 &= (6 + 5 \times \sqrt{4}) \times (-2 + 10)!. \\
102765 &= 7^6 - (5! + 2)^{1+0!}. \\
103257 &= (7! - 5! - 3) \times 21 \times 0!. \\
103674 &= (7! - 6!) \times 4! - 3! + 1 \times 0. \\
103675 &= -7 + 6!/5 \times 3!! + 1 + 0!. \\
104327 &= (7! - 4! \times 3) \times 21 - 0!. \\
105472 &= (7 + 5! - 4!) \times 2^{10}. \\
105734 &= (7! - 5) \times (4! - 3) - 1 \times 0!. \\
106427 &= 7 \times (6! + 4) \times 21 - 0!. \\
106723 &= 7 \times (6 + 3!!) \times 21 + 0!. \\
120374 &= (7! - 4!) \times (3! - 2)! - 10. \\
120743 &= 7! \times 4! - 3!^{2+1} - 0!. \\
124607 &= (7 - 6!/\sqrt{4})^2 - 1 - 0!. \\
127560 &= (7 + 6!) \times 5! + (-2 + 10)!. \\
136074 &= 7 \times (6! \times (4! + 3) - 1) + 0!. \\
154370 &= (7! + 5!)/4! \times (3!! - 1 - 0!). \\
167054 &= (7 + 6! \times (5! - 4)) \times (1 + 0!).
\end{aligned}$$

$$\begin{aligned}
170352 &= 7 \times (5! + 3!^2)^{1+0!}. \\
173640 &= 7!/6 + 4! \times 3!! \times 10. \\
175206 &= (7 + 6!) \times (5! \times 2 + 1) - 0!. \\
176402 &= (7!/(6 \times \sqrt{4}))^2 + 1 + 0!. \\
206375 &= (7 + 6) \times ((5! + 3!)^2 - 0!). \\
207345 &= (-7 + (5! + 4!) \times 3!!) \times 2 - 0!. \\
207346 &= (-7 + 6 \times 4! \times 3!!) \times 2 \times 0!. \\
207354 &= (7 + 5) \times 4! \times 3!! - (2 + 0!)!. \\
207361 &= (7! + 6!) \times 3!^2 + 1 \times 0!. \\
207365 &= 7! + 6! + 5 \times ((3! + 2)! + 0!). \\
215370 &= (-7! + 5!^3)/(-2 + 10). \\
251740 &= (7! \times 5 - 4! - 2) \times 10. \\
254017 &= (7!/(5 \times \sqrt{4}))^2 + 1 \times 0!. \\
257034 &= 7! \times (54 - 3) - (2 + 0!)!. \\
257103 &= -7! + (5 + 3)^{(2+1)!} - 0!. \\
261730 &= (7 + 6!) \times 3!!/2 + 10. \\
267540 &= \sqrt{7^6} \times (5!/\sqrt{4} + (2 + 0!)!!). \\
271063 &= (-\sqrt{7^6} + 3!!) \times ((2 + 1)!! - 0!). \\
275640 &= -(7 + 6!) \times 5! + (4 \times 2 + 0!)!. \\
276340 &= (-7 + (6 \times 4)^3) \times 20. \\
302756 &= ((7! + 6) \times 5! - 3!)/2 - 0!. \\
307425 &= 75 \times (4^{3!} + 2 + 0!). \\
312470 &= 7! \times (4^3 - 2) - 10. \\
317205 &= (7! - 5) \times 3 \times 21 \times 0!. \\
317520 &= 7! \times (\sqrt{53^2} + 10). \\
327601 &= 7! \times (63 + 2) + 1 \times 0!. \\
327605 &= 7! \times 65 + 3 + 2 \times 0!. \\
327610 &= 7! \times (63 + 2) + 10. \\
340567 &= 7 + 6! \times (5! \times 4 - 3! - 0!). \\
340576 &= -7! + (6! \times 5! + 4) \times (3 + 0!). \\
342710 &= -7! \times 4 + (3^2)! - 10. \\
345607 &= 7 + (6! \times 5!) \times 4 + 3 \times 0. \\
345720 &= (7! + 5!) \times (4^3 + 2 + 0!). \\
352607 &= (7^6 - 5!) \times 3 + 20. \\
362740 &= 7 \times (6! \times 4! \times 3 - 20). \\
365047 &= 7! + (6! - 5!)^{\sqrt{4}} + 3! + 0!. \\
365407 &= 7 \times ((6! + 5) \times 4! \times 3 + 0!). \\
367201 &= 7! - 6! + (3^2)! + 1 \times 0!. \\
367210 &= 7! - 6! + (3^2)! + 10. \\
371520 &= (7! + 5!) \times 3! \times (2 + 10). \\
403157 &= 7 + (-5 + (4!/3!)) \times 10. \\
420175 &= 7^5 \times (4 + 21 \times 0!). \\
425760 &= -7! + (6! - 5!) \times (-\sqrt{4} + (2 + 0!)!!). \\
427560 &= -7! + (6! - 5!) \times ((4 + 2)! + 0!). \\
430276 &= 7^6 \times 4 - (3! + 2 \times 0!)!. \\
430567 &= 7 - 6! \times (5! + \sqrt{4} - 3!! \times 0!). \\
432075 &= 75 \times (4 \times 3!! \times 2 + 0!). \\
435607 &= 7 + (6! - 5!/\sqrt{4})^{3-0!}. \\
452760 &= \sqrt{7^6} \times 5! \times (4!/2 - 0!). \\
453607 &= 7 + (6! + 5!^{\sqrt{4}}) \times 30. \\
457320 &= (-7 + 5^4) \times (3!! + 20). \\
470236 &= 7^6 \times 4 - 3!!/2 \times 0!. \\
470356 &= (7^6 + 5!) \times 4 - (3! - 0!)!. \\
470612 &= (7^6 + 4) \times 2 \times (1 + 0!)!. \\
470613 &= (7^6 + 4) \times (3 + 1) + 0!. \\
470615 &= (7^6 + 5) \times 4 - 1 \times 0!. \\
470623 &= 7^6 \times 4 + 3^{2+0!}. \\
470632 &= 7^6 \times 4 + 3!^2 \times 0!.
\end{aligned}$$

$$\begin{aligned}
471306 &= 7^6 \times 4 + 3!! - 10. \\
471620 &= 7^6 \times 4 + 2^{10}. \\
472036 &= 7^6 \times 4 + 3!! \times 2 \times 0!. \\
502673 &= -7 + (6! - 5 - 3!)^2 - 0!. \\
514073 &= (-7 + (5 - \sqrt{4})!) \times (3!! + 1 \times 0!). \\
523470 &= 7! + 5!/4 + 3!!^2 \times 0!. \\
524170 &= 7! \times (5! - 4^2) + 10. \\
526407 &= -7! + 6 + (5 + 4)^{(2+0)!}. \\
527046 &= (7! - 6!) \times (5! + \sqrt{4}) + (2 + 0)!!. \\
530671 &= 7! + 6 + (5 + 3!!)^{1+0!}. \\
530672 &= 7! + 6 + (5 + 3!!)^2 + 0!. \\
536407 &= 7 + (6! + 5^{\sqrt{4}}) \times 3!! \times 0!. \\
540723 &= 7! \times 5 + (\sqrt{4} - 3!!)^2 - 0!. \\
570342 &= 7^5 + (4! + 3!!)^2 - 0!. \\
570463 &= 7! \times (-6 + 5!) - 4^3! - 0!. \\
574320 &= (-7! + (5 \times 4!)^3)/(2 + 0)!. \\
576240 &= \sqrt{7^6} \times (5 + \sqrt{4})!/(2 + 0)!. \\
604573 &= 7 + 6 + 5! \times (-\sqrt{4} + (3! + 0)!!). \\
604735 &= 7 \times 6! \times 5! - 4^3 - 0!. \\
604751 &= 7 \times (6 \times (5!^{\sqrt{4}} - 1) - 0!). \\
604752 &= 7 \times (6! \times 5! - 4) - 20. \\
605472 &= (7! + 6) \times 5! - 4! \times 2 \times 0!. \\
607321 &= 7! \times (6! + 3)/(2 + 1)! + 0!. \\
613470 &= (7! + 6 + 4!) \times ((3! - 1)! + 0!). \\
614075 &= 7 \times (6! + 5) \times ((4 + 1)! + 0!). \\
625703 &= (7! + 6) \times (5! + 3! - 2) - 0!. \\
625704 &= (7! + 6) \times (5! + 4! - 20). \\
634207 &= \sqrt{7^6} \times 43^2 \times 0!. \\
635017 &= 7! \times (6 + 5!) - (3 + 1)! + 0!. \\
635027 &= 7! \times (6 + 5!) - 3! \times 2 - 0!. \\
670453 &= (7 + 6 + 5!) \times ((4 + 3)! + 0!). \\
702463 &= \sqrt{7^6} \times 43!/2 - 0!. \\
705613 &= 7 + 6 + (5! + 3!!)^{1+0!}. \\
705642 &= 7 \times (6 + (5 + \sqrt{4})! \times 20). \\
706254 &= (7^6 + 5!/\sqrt{4}) \times (2 + 0)!!. \\
724305 &= (-7 + (5 + 4)! - 3!!) \times 2 - 0!. \\
724310 &= ((7 + \sqrt{4})! - 3!!) \times 2 - 10. \\
725041 &= (7! - 5) \times 4! \times (2 + 1)! + 0!. \\
725046 &= 7 - 6! + (5 + 4)! \times 2 - 0!. \\
725064 &= 7! \times 6!/5 + 4! - (2 + 0)!!. \\
725640 &= (7! \times 6 - 5) \times (4 + 20). \\
726103 &= \sqrt{7^6} + (3^2)! \times (1 + 0)!. \\
726504 &= 7! \times 6!/5 + 4! + (2 + 0)!!. \\
731520 &= (7 + 5!) \times 3!! \times (-2 + 10). \\
746502 &= 7 + (6 \times (5! + 4!))^2 - 0!. \\
746503 &= 7 + 6^5 \times 4! \times (3 + 0)!. \\
750314 &= ((7 \times 5)^4 + 3)/(1 + 0)!. \\
760135 &= (7! - 6) \times (5! + 31) + 0!. \\
103678 &= 8!/7 \times 6 \times 3 - 1 - 0!. \\
103684 &= -8 + 6 \times (4! \times 3!! + 1 + 0!). \\
103687 &= 8 \times (7! - 6!) \times 3 + 1 - 0!. \\
103824 &= (8 - 4)! \times 3! \times ((2 + 1)! + 0!). \\
103872 &= (8 + 7! - 3!!) \times (2^{1+0!})!. \\
104832 &= 8! \times (4 \times 3! + 2)/10. \\
105728 &= -8 + (7! - 5) \times 21 + 0!. \\
105847 &= 8 + 7! \times (5 \times 4 + 1) - 0!. \\
107548 &= 8! + 7^5 \times 4 \times 1 \times 0!. \\
107584 &= ((87 - 5) \times 4)^{1+0!}. \\
108527 &= (8 + 7! + 5!) \times 21 - 0!. \\
120748 &= (-8 + 7!) \times 4! - 2 \times 10. \\
120768 &= (-8 + 7!) \times (6 - 2)! \times 1 \times 0!. \\
120784 &= -8 + 7 \times 4! \times ((2 + 1)! - 0!). \\
120834 &= (8! - \sqrt{4}) \times 3 - ((2 + 1)! - 0)!!. \\
120856 &= (8 \times 6! - 5) \times 21 + 0!. \\
120873 &= -87 + 3 \times (-2 + 10)!!. \\
123048 &= (8! - 4! + 3!!) \times (2 + 1) \times 0!. \\
123840 &= -8! + 4 \times (3!! + (-2 + 10)!). \\
126480 &= 8! + (6! - \sqrt{4}) \times ((2 + 1)! - 0)!!. \\
127680 &= 8 \times 76 \times 210. \\
132480 &= (8! - 4!^3)/2 \times 10. \\
134208 &= 8 \times 4! \times (3!! - 21 \times 0!). \\
134580 &= (8! + 54)/3 \times 10. \\
136078 &= (8! + 7!) \times (6 - 3) - 1 - 0!. \\
136820 &= ((8! + 6!)/3 + 2) \times 10. \\
136840 &= 8 \times (6! + 4^{3+1} + 0!). \\
138047 &= 8!/(7!/4!) \times (3!! - 1) - 0!. \\
138240 &= 8 \times (4 + 3!)!/210. \\
142805 &= (8 + 5)^4 \times ((2 + 1)! - 0!). \\
143280 &= 8 \times 4! \times 3!! + ((2 + 1)! + 0)!!. \\
147830 &= 8! \times (7 + 4)/3 - 10. \\
150864 &= (-8 + 6! \times 5) \times (41 + 0)!. \\
156872 &= 8 \times (7^6 + 5)/(2 + 1)!. \\
164280 &= (8! + 6!) \times 4 + ((2 + 1)! - 0)!!. \\
165840 &= 8 \times (-6 + (5! + 4!)^{1+0!}). \\
172856 &= 8 \times 7 + 6! \times 5! \times 2 \times 1. \\
175680 &= -8! + (7! - 6!) \times 5 \times 10. \\
176408 &= 8 - 7! \times (6 - 41) \times 0!. \\
178304 &= 8 \times ((7 + 4!) \times (3!! - 1) - 0)!. \\
178560 &= 8!/7 \times (6 \times 5 + 1 \times 0)!. \\
178640 &= 8 \times (7! + 6! \times 4! + 10). \\
184063 &= \sqrt{8^6/4} \times (3!! - 1) - 0!. \\
184320 &= 8!/(4 + 3) \times \sqrt{2^{10}}. \\
184350 &= 8! + (5!^{\sqrt{4}} + 3) \times 10. \\
186240 &= (8! + 6!^{\sqrt{4}})/(2 + 1 - 0). \\
201385 &= 8! \times 5 - 3!^{2+1} + 0!. \\
201538 &= 8! \times 5 - 3 \times 21 + 0!. \\
201548 &= 8! \times 5 - 42 - 10. \\
201568 &= (8! - 6) \times 5 - 2 \times 1 \times 0!. \\
201578 &= 8 \times 7! \times 5 - 21 - 0!. \\
201586 &= (8 + 6) \times (5!^2 - 1 \times 0)!. \\
201587 &= (8! - 7) \times 5 + 21 + 0!. \\
205168 &= (8! + 6!) \times 5 - \sqrt{2^{10}}. \\
206783 &= 8 \times (7! + 6^3)/2 - 0!. \\
206784 &= 8!/7 \times (6! - \sqrt{4})/20. \\
207348 &= (8! - 7! - \sqrt{4} - 3!!) \times (2 + 0)!!. \\
207358 &= 8 \times (7! \times 5 + 3!!) - 2 \times 0!. \\
207368 &= 8 + (7! + 6!) \times 3!^2 \times 0!. \\
207384 &= (8! - 7! + 4 - 3!!) \times (2 + 0)!!. \\
231840 &= 8!/4 \times (3 + 2 \times 10). \\
234801 &= 8! + (4! - 3)^{2+1+0!}. \\
235870 &= (8! - 7!/5) \times 3! - 2 \times 0!. \\
236850 &= (8! - 6! - 5^3) \times (2 + 0)!!. \\
237408 &= (8 \times (7! - 4) - 3!!) \times (2 + 0)!!. \\
237608 &= (8 \times 7 + 6)^3 - (2 + 0)!!. \\
240768 &= 8 \times (7! - 6 \times 4) \times (2 + 0)!!.
\end{aligned}$$

$$\begin{aligned}
240783 &= 8 \times ((7! - 4!) \times 3! + 2) - 0!. \\
241680 &= 8! \times 6 - \sqrt{4!^2} \times 10. \\
241805 &= (8! + 5 - 4!) \times ((2 + 1)! - 0!). \\
241860 &= 8! \times 6 - (4 + 2) \times 10. \\
247680 &= 8 \times (7! + 6^4 \times 20). \\
256804 &= 8! \times 6 + (5! + \sqrt{4})^2 \times 0!. \\
257048 &= 8 + 7! \times (54 - 2 - 0!). \\
258064 &= (\sqrt{8^{6!/5!}} - 4)^2 \times 0!. \\
260583 &= 8^6 - 5! - 3!! \times 2 - 0!. \\
260584 &= 8^6 - 5! \times (4!/2 + 0!). \\
263580 &= 8^6 - 5 + 3!! \times 2 + 0!. \\
263840 &= (8! - 6! - 4!)/3 \times 20. \\
264308 &= 8^6 + 4 + 3 \times (2 + 0!)!!. \\
267185 &= (8!/7!)^6 + (5 + 2)! + 1. \\
267840 &= (87 + 6) \times 4 \times (2 + 0!)!!. \\
270485 &= (8!/7 - 5) \times (4! \times 2 - 0!). \\
275608 &= 8! + (7^6 - 5) \times 2 \times 0!. \\
275618 &= 8! + 7^6 \times (5 - 2 - 1). \\
276408 &= 8! \times 7 + (6 - 4!)^{2+0!}. \\
276480 &= 8!/7 \times (6 + 42 \times 0!). \\
276840 &= (8! - 7! + 6!\sqrt{4})/2 \times 0!. \\
278640 &= 8! \times 7 - 6!/4 \times 20. \\
284760 &= 8! \times 7 + 6 \times 420. \\
287504 &= 8 + (7!/5! + 4!)^{2+0!}. \\
302468 &= 8^6 + 4 + (3! + 2)! \times 0!. \\
302768 &= 8 + (7! + 6) \times 3 \times 20. \\
304128 &= (8 - 4)!^3 \times (21 + 0!). \\
304856 &= (-8 - 6 + 5!) \times 4 \times (3!! - 0!). \\
305278 &= 8!/7 \times 53 - 2 \times 0!. \\
305281 &= 8 \times 53 \times (2 + 1)!! + 0!. \\
305286 &= 8 \times 6! \times 53 + (2 + 0!)!. \\
307685 &= (8! + (7 + 6!) \times 5) \times (3! + 0!). \\
308152 &= 8 \times (5! \times 321 - 0!). \\
308654 &= 86 \times (5 \times (-\sqrt{4} + 3!!) - 0!). \\
312480 &= 8!/4 \times (32 - 1 \times 0!). \\
316802 &= (8! - 6!) \times (3! + 2) + 1 + 0!. \\
317804 &= -8! + (7! + 4) \times \sqrt{(3! + 1)! + 0!}. \\
318026 &= 86^3/2 - 1 - 0!. \\
321408 &= (8! - 4! \times 3!) \times (-2 + 10). \\
321840 &= (8! \times 4 - 3!!/2) \times (1 + 0!). \\
327608 &= 8 + 7! \times (63 + 2) \times 0!. \\
328560 &= 8! \times 6 + 5! \times (3!! + 2 \times 0!). \\
340568 &= 8 + 6! \times (5! \times 4 - 3! - 0!). \\
345608 &= 8 \times (6! \times 5 \times 4 \times 3 + 0!). \\
347208 &= (-8 + 7!) \times (4! \times 3 - 2 - 0!). \\
348065 &= 8^6 + 5! \times (-4 + 3!!) + 0!. \\
348150 &= 85 \times 4^{3!} - 10. \\
350168 &= (8 + 6!) \times (5! \times (3 + 1) + 0!). \\
350468 &= (8 - 6! + 5!)\sqrt{4} + 3 + 0!. \\
350648 &= 8 + 6! \times (5! \times 4 + 3! + 0!). \\
352807 &= ((8! - 7!) \times 5 + 3) \times 2 + 0!. \\
354820 &= -8!/5 + 4 + (3^2 - 0)!. \\
356280 &= -8!/6 + 5! + (3^2)! \times 0!. \\
357840 &= (8 + 7 \times (5 + 4)) \times (3! + 0!)!. \\
362804 &= -\sqrt{8 \times (6! + \sqrt{4})} + (3^2)! \times 0!. \\
362870 &= (\sqrt{87 - 6})! - 3^2 - 0!. \\
365048 &= 8 + (6! - 5!)\sqrt{4} + (3! + 0!)!. \\
368704 &= (8! + 7) \times 64/(3! + 0!). \\
374208 &= 8 \times ((7 - \sqrt{4})! + 3!^{(2+0!)!}). \\
375840 &= 87 \times (5! + 4!) \times 30. \\
378015 &= (8 + 7) \times (5 \times (3! + 1)! + 0!). \\
378450 &= (87 \times 5)\sqrt{4} \times (3 - 0!). \\
378506 &= (\sqrt{87 - 6})! + 5^{3!} + 0!. \\
380416 &= \sqrt{8^6} \times (4! \times 31 - 0!). \\
381620 &= (8! - 6! \times 3 + 2) \times 10. \\
381670 &= (8! + 7 - 6! \times 3) \times 10. \\
384160 &= (8 + 6)^{4!/3!} \times 10. \\
386054 &= (8 + 6 + 5!) \times (4 \times 3!! + 0!). \\
402768 &= 8! + (7! - 6) \times 4! \times (2 + 0!). \\
403158 &= 8 + (-5 + (4!/3!)) \times 10. \\
403168 &= 8! \times (6 + 4) - 31 - 0!. \\
403186 &= -8 - 6 + (4!/3!) \times 10. \\
403187 &= 8! + (7 + \sqrt{4})! - 3 - 10. \\
403285 &= (8! \times 5 + 43) \times 2 - 0!. \\
403825 &= 8! + 5^4 + (3^2)! \times 0!. \\
408237 &= 8! + 7! - 4 + (3^2)! + 0!. \\
413280 &= 8!/4 + (3! + 2)! \times 10. \\
417308 &= -8 + (74 - 3!!)^{1+0!}. \\
418760 &= 8 + (7 + 6!) \times 4!^{1+0!}. \\
423108 &= 84 \times (-3 + ((2 + 1)! + 0!)!). \\
430568 &= 8 - 6! \times (5! + \sqrt{4} - 3!! \times 0!). \\
435608 &= 8 + (6! - 5!/\sqrt{4})^{3-0!}. \\
435680 &= 8 \times (6^5 + 4) \times (3! + 0!). \\
435870 &= 87 \times (5 + \sqrt{4})! - 30. \\
436801 &= 8!/6 \times (4^3 + 1) + 0!. \\
436805 &= (8! \times 65 + 4!)/3! + 0!. \\
450863 &= (8!/\sqrt{6! \times 5})\sqrt{4} - 3!! - 0!. \\
453608 &= 8 + (6! + 5!\sqrt{4}) \times 30. \\
453780 &= -8 + 7^5 \times (4! + 3) - 0!. \\
458032 &= (-8 + 5!) \times 4^{3!} - (2 + 0!)!!. \\
468073 &= -8! + (7 - 6!)\sqrt{4} + (3 + 0!)!. \\
468720 &= (87 + 6) \times (4 + 2 + 0!)!. \\
470568 &= -8 + (7^6 - 5) \times 4 \times 0!. \\
470618 &= (8 + 7^6) \times 4 - 10. \\
470628 &= (8 + 7^6) \times (4! - 20). \\
478031 &= -8! - \sqrt{7^4} + 3!!^{1+0!}. \\
478032 &= -8! - \sqrt{7^4} + 3!!^2 + 0!. \\
478056 &= -8! + (7! - 6!) \times 5! - (4 - 0)!. \\
478063 &= -8! + 7 + 6!\sqrt{4} - (3 + 0!)!. \\
480236 &= -8! + (6! + 4) \times ((3 \times 2)! - 0!). \\
480736 &= (-8 \times 7 + 6!) \times (4 + 3!!) \times 0!. \\
483071 &= (-8 + 7!) \times 4 \times (3 + 1)! - 0!. \\
483072 &= (8 - 7!) \times (4! - 3! \times 20). \\
483075 &= (-8 + 7!) \times (5! - 4!) + 3 \times 0!. \\
483120 &= 8! \times 4 \times 3 - (2 + 1)!! \times 0!. \\
483520 &= 8! \times \sqrt{5! + 4!} - 320. \\
483605 &= (8! \times 6 - 5!) \times \sqrt{4} + 3! - 0!. \\
483720 &= ((8! - 7) \times \sqrt{4 - 3!}) \times (2 + 0!)!. \\
483750 &= (8! - 7) \times \sqrt{5! + 4!} - 3! \times 0!. \\
483760 &= (8! - 7) \times 6 \times \sqrt{4} + 3 + 0!. \\
485306 &= -8! + (6! + 5)\sqrt{4} + (3 \times 0!)!. \\
485760 &= 8 \times (7! \times 6 + 5!) \times \sqrt{4} \times 0!. \\
486025 &= -8! + (6! + 5)\sqrt{4} + (2 + 0!)!!. \\
486720 &= 8! + (7! + 6! \times 4!) \times 20. \\
487203 &= (8 + 7 \times \sqrt{4} - 3!!)^2 - 0!.
\end{aligned}$$

$$\begin{aligned}
487305 &= (-8 + 7 + 5!) \times (4^{3!} - 0!). \\
502681 &= (8 - 6! + 5 - 2)^{1+0!}. \\
503281 &= (8 - 5)!! \times (3!! - 21) + 0!. \\
503872 &= -8 + (7! \times 5 - 3!) \times 20. \\
508376 &= 8 + (-7 + 6!)^{5-3} - 0!. \\
514803 &= ((8 - 5)!! - 4) \times (3!! - 1) - 0!. \\
517680 &= (8 - 7) \times 6! \times ((5 + 1)! - 0!). \\
518304 &= -8 \times \sqrt{5! + 4!} + 3!!^{1+0!}. \\
518340 &= (8 - 5)!!^{\sqrt{4}} - 3! \times 10. \\
518406 &= 8 + (6 \times 5!)^{\sqrt{4}} - 1 - 0!. \\
521680 &= 8 \times 65210. \\
523840 &= -8!/5! + (4 + 3!!)^2 \times 0!. \\
524068 &= (8^6 - 5!) \times \sqrt{4} + 20. \\
524108 &= (8 + 5) \times (-4 + (-2 + 10)!). \\
524308 &= (8 + 5!) \times 4^{3!} + 20. \\
531840 &= 8! + 5! \times 4^{3!} \times 1 \times 0!. \\
534280 &= ((8 - 5)!! + \sqrt{4}) \times (3!! + 20). \\
536408 &= 8 + (6! + 5^{\sqrt{4}}) \times 3!! \times 0!. \\
537840 &= (8 \times 7^5 + 4) \times (3 + 0!). \\
538064 &= (8 + 6)^5 + \sqrt{4} \times (3! - 0)!!. \\
540287 &= -8! + 7!/5 \times 4!^2 - 0!. \\
564708 &= (8! \times 7 - 6 + 5!) \times \sqrt{4} \times 0!. \\
571680 &= (8! \times 7 + 6! \times 5) \times (1 + 0!). \\
573840 &= -8! + 7! \times (5! + \sqrt{4}) - 3!! \times 0!. \\
574608 &= 8 + 7! \times (-6 + 5!) + 40. \\
578304 &= -8! + 7! \times 5! + 4!^3 \times 0!. \\
581760 &= 8 \times (-7! + 6^5 \times 10). \\
602178 &= (8 \times 7 + 6!)^2 + 1 + 0!. \\
604728 &= 8 + (7! \times 6 - 4) \times 20. \\
604823 &= 8! \times 6 + 4! + (3^2)! - 0!. \\
604872 &= -8 + (7! \times 6 + 4) \times 20. \\
605487 &= -8 + (7! + 6) \times 5! - 4! - 0!. \\
605784 &= (8 + 7 \times 6!) \times 5! + 4! \times 0!. \\
607328 &= 8 + 7! \times (6! + 3)/(2 + 0)!!. \\
625048 &= 8 \times (6 + 5^{4+2+0!}). \\
627840 &= (876 - 4) \times (2 + 0)!!. \\
628571 &= 8! + 7^6 \times 5 + (2 + 1)!!. \\
630718 &= 876 \times 3!! - 1 - 0!. \\
630758 &= 8 + (7! + 6) \times 5^3 \times 0!. \\
635048 &= 8 + (6 + 5!) \times (4 + 3)! \times 0!. \\
635078 &= 8 + 7! \times (6 + 5!) + 30. \\
645078 &= 8! + 7 \times 6 \times (5!^{\sqrt{4}} - 0!). \\
645108 &= (-8! - 6 + (5 + 4)!) \times (1 + 0!). \\
650872 &= 8 \times (-7! + 6 \times 5!^2 - 0!). \\
650873 &= 8 \times (-7! + 6! \times 5!) - 3! - 0!. \\
650874 &= -8 \times (7! - 6! \times 5!) - (4 - 0)!!. \\
651840 &= 8!/6 \times (5! - 4! + 1 \times 0!). \\
670328 &= -8! + (7!/6 + 3)^2 - 0!. \\
675480 &= 8! + 7! \times (6 + 5!) + (4 + 0)!!. \\
675840 &= (-8 + 7! + 6! - 5!) \times (4 + 0)!!. \\
683502 &= (8! + 6 - 5!) \times (-3 + 20). \\
683520 &= (-8 + 6!) \times 5! \times (3! + 2 \times 0!). \\
684720 &= 8! \times (7 + 6 + 4) - (2 + 0)!!. \\
685304 &= (-8 + 6!/5) \times ((4 + 3)! - 0!). \\
687304 &= 8 \times (-7 + (6! - 4) \times (3! - 0)!!). \\
703864 &= 8 \times (7! + 6 \times 4!^3 - 0!). \\
705846 &= (-8 + 7^6) \times (5!/40)!. \\
708536 &= 8 \times (7 + 6! \times (5! + 3) \times 0!). \\
715680 &= 8! + 7! \times (6!/5 - 10). \\
724608 &= (-8 + 7!) \times 6 \times (4 + 20). \\
725048 &= 8 + (7! - 5) \times 4! \times (2 + 0)!!. \\
725816 &= 8 \times (7 + 6! \times (5! + (2 + 1)!)). \\
725840 &= (8! + 7! + 5) \times (-4 + 20). \\
734208 &= \sqrt{8^7/\sqrt{4}} \times (3!! - 2 - 0!). \\
735840 &= 8! \times (75 - \sqrt{4})/(3 + 0!). \\
741830 &= (-8 + 7^4) \times 310. \\
751680 &= 87 \times 6! \times 5!/10. \\
758640 &= (876 - 5)^{\sqrt{4}} - 0!. \\
760384 &= (876 - 4)^{3-0!}. \\
761048 &= 8 + 7! \times 6 \times (4! + 1 + 0!). \\
782640 &= 8! + 7! + 6! \times \sqrt{\sqrt{4^{20}}}. \\
786032 &= (-8 + 7! \times 6) \times (3! + 20). \\
786240 &= (8! - 7 \times 6 \times 4!) \times 20. \\
786420 &= ((8!/7!)^6 - 4) \times (2 + 0!). \\
806352 &= -8 \times 6 + (5 + 3)! \times 20. \\
806375 &= 8 \times (7!/6 \times 5! - 3) - 0!. \\
806425 &= 8!/6 \times 5! + 4! + 2 - 0!. \\
806512 &= 8!/6! \times (5!^2 + 1 + 0!). \\
806521 &= (8! + 6) \times 5!/(2 + 1)! + 0!. \\
806523 &= (8! + 6) \times 5!/3! + 2 + 0!. \\
806524 &= ((8! + 6) \times 5! + 4!)/(2 + 0)!!. \\
806543 &= 8!/6 \times 5! + 4! \times 3! - 0!. \\
806735 &= 8 \times (7!/6!)^5 \times 3! - 0!. \\
813604 &= ((8 + 6!)/4 + 3!!)^{1+0!}. \\
813740 &= ((8! + 7) \times \sqrt{4} + 3!!) \times 10. \\
816470 &= (8! + 7!) \times (-6 + 4!) - 10. \\
830576 &= 8 \times ((7 \times 6 + 5)^3 - 0!). \\
832104 &= (8! + 4! - 3!!) \times 21 \times 0!. \\
834056 &= 8 \times (6!/5 \times (4 + 3!!) + 0!). \\
845760 &= 8! + (7! - 6) \times (5! + 40). \\
846701 &= (8! \times 7 - 6) \times (4 - 1) - 0!. \\
846702 &= (8! \times 7 - 6) \times (4/2 + 0!). \\
846703 &= (8! \times 7 - 6)/\sqrt{4} \times 3! + 0!. \\
846705 &= (8! \times 7!/6! - 5) \times (4 - 0!). \\
846710 &= 8! \times 7 \times 6/\sqrt{4} - 10. \\
846720 &= 8! \times ((7 - 6)^4 + 20). \\
846730 &= (8! \times 7 + 6/\sqrt{4}) \times 3 + 0!. \\
847260 &= (8! \times 7 + 6!/4) \times (2 + 0!). \\
847560 &= (8! - 7 \times (6! - 5)) \times 4! \times 0!. \\
854160 &= ((-8 + 6!) \times 5! - 4!) \times 10. \\
857304 &= ((8! + 7!)/5!)^{\sqrt{4}} \times 3! \times 0!. \\
860152 &= -8 + (6! + 5!) \times 2^{10}. \\
864720 &= (8! - 7! + 6!) \times 4! + (2 + 0)!!. \\
871046 &= (8! - 7 - 6!) \times (4! - 1 - 0!). \\
102598 &= ((\sqrt{9})!! + 8!) \times 5/2 - 1 - 0!. \\
102954 &= (\sqrt{9})! \times (-5! + 4! \times (2 + 1)! - 0!). \\
103249 &= (\sqrt{9})! \times 4! \times (3!! - 2 - 1) + 0!. \\
103489 &= (\sqrt{9})! \times (-8 + 4! \times (3!! - 1)) + 0!. \\
103649 &= (\sqrt{9})! \times 6! \times 4! - 31 \times 0!. \\
103679 &= 9!/7 \times 6/3 - 1 \times 0!. \\
103689 &= 9!/8 - 6! + 3^{10}. \\
103692 &= (\sqrt{9})! \times (6! \times (3! - 2)! + 1 + 0!). \\
103694 &= 9 + 6 \times (4! \times 3!! + 1) - 0!. \\
103698 &= 9 \times (8 \times (6! + 3!!) + 1 + 0!). \\
103968 &= \sqrt{9} \times 8 \times 6 \times (3!! + 1 + 0!).
\end{aligned}$$

$$\begin{aligned}
104395 &= (\sqrt{9})! \times (5! + 4! \times 3! - 1) + 0!. \\
104396 &= -\sqrt{9} + 6! \times (4! \times 3! + 1) - 0!. \\
104829 &= -\sqrt{9} + 8! \times (4! + 2)/10. \\
104896 &= \sqrt{\sqrt{9^8}} \times (6^4 - 1) + 0!. \\
104963 &= (\sqrt{9} \times 6)^4 - 3 - 10. \\
104972 &= (\sqrt{9^7} \times 4! - 2) \times (1 + 0!). \\
104975 &= (9 \times (7 - 5))^4 - 1 \times 0!. \\
104976 &= \sqrt{9^7} \times (6 + 41 + 0!). \\
104978 &= (\sqrt{9} + 8 + 7)^4 + 1 + 0!. \\
104986 &= (9 \times (8 - 6))^4 + 10. \\
105693 &= (\sqrt{9} + 6!/5) \times (3!! - 1 \times 0!). \\
105729 &= -(\sqrt{9})! + (7! - 5) \times 21 \times 0!. \\
105789 &= \sqrt{9} \times (8! - 7!) - 51 \times 0!. \\
105839 &= (\sqrt{9})!! \times (-8 + 5 \times 31) - 0!. \\
107964 &= (\sqrt{9})! \times (-7 + 6! \times (4! + 1) + 0!). \\
108239 &= (9! - 8!)/3 + (2 + 1)!! - 0!. \\
109367 &= 9! \times 7/6! \times 31 - 0!. \\
109375 &= (\sqrt{9})! + 7 \times (5^3! - 1) + 0!. \\
109438 &= (\sqrt{9})!! \times (8 + 4! \times 3!) - 1 - 0!. \\
109458 &= (9 + 8! + 5!^{\sqrt{4}}) \times (1 + 0!). \\
109648 &= ((\sqrt{9})!! - 8) \times (6 \times 4! + 10). \\
120579 &= \sqrt{9} \times (-7 - 5! + (-2 + 10)!). \\
120594 &= \sqrt{9} \times (-5! + (4 \times 2)! - 1 - 0!). \\
120598 &= \sqrt{9} \times (8! - 5!) - 2 + 1 \times 0. \\
120679 &= (9! - 7!/6)/(2 + 1) - 0!. \\
120749 &= (-9 + 7!) \times 4! + (2 + 1)! - 0!. \\
120794 &= -(\sqrt{9})! + 7! \times 4! - 21 - 0!. \\
120839 &= \sqrt{9} \times 8! - (3 + 2)! - 1 \times 0!. \\
120879 &= \sqrt{9} \times (8! - 7 - 2 \times 10). \\
120894 &= \sqrt{9} \times (8! - \sqrt{4} - 2 \times 10). \\
120895 &= \sqrt{9} \times (8! - 5^2) + 10. \\
120896 &= \sqrt{9} \times 8! - 62 - 1 - 0!. \\
120897 &= \sqrt{9} \times (8 \times 7! - 21 \times 0!). \\
120934 &= (-9 + (4!/3!)) \times (2 + 1) + 0!. \\
120935 &= -(\sqrt{9} \times (5 - (3! + 2)!)) + 10). \\
120936 &= (9! - 6)/3 - 21 - 0!. \\
120937 &= \sqrt{9} \times (-7 + (3! + 2)! - 1 - 0!). \\
120938 &= \sqrt{9} \times 8! - 32 + 10. \\
120943 &= \sqrt{9} \times ((\sqrt{4^3})! - (2 + 1)!) + 0!. \\
120945 &= \sqrt{9} \times (5 + (4 \times 2)! - 10). \\
120946 &= (9!/6 - \sqrt{4}) \times 2 - 10. \\
120947 &= 9 + 7! \times 4! - 21 - 0!. \\
120948 &= 9 \times (8! - 4)/(2 + 1) \times 0!. \\
120953 &= \sqrt{9} \times ((5 + 3!) - 2) - 1 \times 0!. \\
120954 &= 9!/\sqrt{5 + 4} - (2 + 1 - 0)!. \\
120956 &= (9! - 6)/(5 - 2) - 1 - 0!. \\
120957 &= (9! - 7 - 5)/(2 + 1) + 0!. \\
120964 &= \sqrt{9} \times ((\sqrt{64})! - 2) + 10. \\
120965 &= (9! + \sqrt{6!/5})/(2 + 1) + 0!. \\
120967 &= 9! + 7 - 6 \times (-2 + 10)!. \\
120968 &= 9 + 8! \times 6/2 - 1 \times 0!. \\
120973 &= (9! + 7 \times 3!)/(2 + 1) - 0!. \\
120974 &= (\sqrt{9})! + 7! \times 4! - 2 + 10. \\
120975 &= (9! + 7!/5!)/(2 + 1) + 0!. \\
120976 &= (\sqrt{9})! + 7! \times (6 - 2)! + 10. \\
120978 &= \sqrt{9} \times (8 \times (7! + 2) - 10). \\
120984 &= \sqrt{9} \times (8! + 4) + 2 + 10. \\
120986 &= (9 + 8!) \times 6/2 - 1 \times 0!. \\
120987 &= (9 + 8 \times 7!) \times (2 + 1) \times 0!. \\
123098 &= ((\sqrt{9})!! + 8!) \times 3 - 21 - 0!. \\
123904 &= ((9 + \sqrt{4}) \times 32)^{1+0!}. \\
124390 &= 9 \times (4!^3 - 2 - 1) + 0!. \\
124609 &= (9 - (6! + 4)/2)^{1+0!}. \\
125970 &= (-\sqrt{9} + 7! \times 5/2) \times 10. \\
129603 &= 9 - 6 + (3!!/2)^{1+0!}. \\
129604 &= \sqrt{9} + (6!/\sqrt{4})^2 + 1 \times 0!. \\
129640 &= (9 \times 6! + \sqrt{4}) \times 2 \times 10. \\
130896 &= \sqrt{9} \times (8! + 6!) + \sqrt{3!}^{10}. \\
132096 &= (9 + 6!/3!) \times 2^{10}. \\
132490 &= -(\sqrt{9})! + (4 + 3!!/2)^{1+0!}. \\
136098 &= (9!/8 + 6) \times 3 \times 1 \times 0!. \\
138049 &= 9 + 8 \times (4! \times (3!! - 1) - 0!). \\
138096 &= ((\sqrt{9})!! \times 8 - 6) \times (3 + 1)! \times 0!. \\
138097 &= -(\sqrt{9})! + 8!/7 \times (3 + 1)! + 0!. \\
138960 &= (\sqrt{9})!! \times (8 + 6 \times 31 - 0!). \\
139607 &= ((\sqrt{9})!^7 - 6!)/(3 - 1) - 0!. \\
139608 &= ((\sqrt{9})!^8/6 - 3!)/(1 + 0!). \\
139670 &= 97 \times (6! + 3!!) - 10. \\
139680 &= 9 \times 8! - 6! \times 310. \\
140398 &= (\sqrt{9} + 8 \times 4!) \times 3!! - 1 - 0!. \\
143950 &= ((9! - 5!)/4! - 3!!) \times 10. \\
143970 &= (-9 + 7^4 \times 3!) \times 10. \\
145390 &= ((\sqrt{9})!! - 5 + 4!^3) \times 10. \\
145690 &= -(\sqrt{9})!! + (6 + 5)^4 \times 10. \\
146890 &= (\sqrt{9})!! \times \sqrt{8! + 6^4} + 10. \\
147390 &= \sqrt{9} \times (-7 + 4!)^3 \times 10. \\
147590 &= (\sqrt{9})!! \times (7! - 5!)/4! - 10. \\
149730 &= ((\sqrt{9})!! - 7) \times (4! - 3) \times 10. \\
149760 &= (\sqrt{9} \times 7! - 6 \times 4!) \times 10. \\
150479 &= (\sqrt{9})!! \times (7 \times 5!/4 - 1) - 0!. \\
154079 &= (\sqrt{9})!! \times ((7! + 5!)/4! - 1) - 0!. \\
154790 &= (\sqrt{9})!! \times (7! + 5!)/4! - 10. \\
154980 &= 9!/(8 \times 5!) \times 410. \\
158290 &= (\sqrt{9} + 8) \times (5!^2 - 10). \\
158349 &= -(\sqrt{9})!! + 8! + 5 \times 4 - 31. \\
159408 &= \sqrt{(\sqrt{9})!^8} \times (5! + 4 - 1 \times 0!). \\
159820 &= -(\sqrt{9})!! + (8! - 5) \times 2 \times (1 + 0!). \\
159840 &= (\sqrt{9})!! \times (8 \times (5 + 4!) - 10). \\
164890 &= (\sqrt{9})!! + (8! + 6!) \times 4 + 10. \\
167039 &= -(\sqrt{9})!! \times (7 - 6!/3 + 1) - 0!. \\
174950 &= 9 \times (7! + 5!^{\sqrt{4}}) - 10. \\
174960 &= \sqrt{9^7} \times 64 \times 10. \\
175290 &= ((\sqrt{9})!! + 7^5 + 2) \times 10. \\
176039 &= (\sqrt{9^7} - 6!) \times (3! - 1)! - 0!. \\
176390 &= -9 + 7! \times (6 \times 3! - 1) - 0!. \\
176409 &= 9 - 7! \times (6 - 4!) \times 0!. \\
176904 &= (9! - 7 \times 6^4)/(1 + 0!). \\
178904 &= (9! - 8 - 7! - 4!)/(1 + 0!). \\
178920 &= (9 \times 8! - 7!)/2 + 1 \times 0. \\
178926 &= (9! + 8 - 7! + 6)/2 - 1. \\
179280 &= (\sqrt{9})!! \times (8 + 7!/21 + 0!). \\
179304 &= ((\sqrt{9})!! + 7! + 4!) \times 31 \times 0!. \\
179640 &= (9! - 7! + 6! \times \sqrt{4})/(1 + 0!).
\end{aligned}$$

$$\begin{aligned}
180792 &= (-\sqrt{(\sqrt{9})!^8 + (7+2)!})/(1+0!). \\
180952 &= (9! - 8 \times (5! + 2))/(1+0!). \\
183590 &= \sqrt{9} \times 85 \times 3!! - 10. \\
183594 &= ((\sqrt{9})!! \times 85 - \sqrt{4}) \times 3 \times 1. \\
183709 &= \sqrt{9^8} \times 7 \times (3+1) + 0!. \\
183960 &= (9! + (8 - 6/3!))/(1+0!). \\
184690 &= 9 \times (8! + 6!)/\sqrt{4} + 10. \\
185904 &= -(\sqrt{9})!! + (8 \times 54)^{1+0!}. \\
187920 &= (\sqrt{9})!! \times 87 \times (2+1) \times 0!. \\
187926 &= \sqrt{9} \times (87 \times 6! + 2 \times 1). \\
187930 &= \sqrt{9} \times 87 \times 3!! + 10. \\
189504 &= (9! + 8!/5 \times \sqrt{4})/(1+0!). \\
190345 &= ((\sqrt{9})! + 5) \times 4! \times (3!! + 1) + 0!. \\
190648 &= -9! - 8 + (6! + 4!)^{1+0!}. \\
192780 &= 9 \times (8! + 7!/2)/(1+0!). \\
193608 &= ((9! - 8!) \times 6 + 3!)/10. \\
193680 &= 9 \times (-8 + 6! \times 3) \times 10. \\
194280 &= (-\sqrt{9})!! + (8! - 4!)/2 \times 10. \\
194350 &= ((\sqrt{9})!^5 - \sqrt{4}) \times ((3+1)! + 0!). \\
194370 &= (-\sqrt{9})!! + 7! \times 4 - 3 \times 10. \\
194570 &= 9! - (7^5 + 4!) \times 10. \\
194670 &= (\sqrt{9^7} + 6! \times 4!) \times 10. \\
195840 &= (\sqrt{9})! \times 8 \times 5! \times (4! + 10). \\
196872 &= \sqrt{9} \times (8 + 7!) \times (6 \times 2 + 1). \\
198025 &= (-\sqrt{9})!! + 8! + 5 \times ((2+1)! - 0!). \\
198046 &= (9 + 8! - 6!) \times (4+1) + 0!. \\
198360 &= (\sqrt{9})! \times (8! - (6! + 3!) \times 10). \\
198720 &= (\sqrt{9})! \times (8! - (\sqrt{7+2})!! \times 10). \\
201489 &= 9 + (8! - 4!)/2 \times 10. \\
201579 &= -\sqrt{9} \times 7 + 5 \times (-2 + 10)!. \\
201589 &= 9 + 8! \times 5 - 2 \times 10. \\
201593 &= \sqrt{9} + 5 \times (3! + 2)! - 10. \\
201594 &= -(\sqrt{9})! + 5 \times (4 \times 2 \times 1 \times 0!)!. \\
201597 &= -\sqrt{9} + 7! \times 5 \times (-2 + 10). \\
201598 &= (\sqrt{9})! + 8! \times 5 + 2 - 10. \\
204957 &= (-9 + 7! \times (5! + \sqrt{4}))/2 + 0!. \\
205198 &= ((\sqrt{9})!! + 8!) \times 5 - 2 + 1 \times 0. \\
205379 &= (\sqrt{9} + 7 \times (5+3))^{2+0!}. \\
206495 &= (-\sqrt{9} + 6!) \times (5! + 4!) \times 2 - 0!. \\
207349 &= 9!/7 \times 4 - 3! \times 2 + 0!. \\
207359 &= 9!/7 \times (5+3)/2 - 0!. \\
207369 &= 9 + (7! + 6!) \times 3!^2 \times 0!. \\
207396 &= ((\sqrt{9})!! \times (7! + 6!) + 3!)/20. \\
207539 &= ((\sqrt{9})!! + 7! + 5) \times 3!^2 - 0!. \\
207649 &= ((\sqrt{9})! + 7! - 6!) \times 4! \times 2 + 0!. \\
207935 &= (9 + 7) \times (5! - 3!)^2 - 0!. \\
207936 &= ((\sqrt{9})! \times 76)^{3-(2 \times 0)!}. \\
208945 &= -(\sqrt{9})!! + 8!/5 \times (4! + 2) + 0!. \\
209184 &= (\sqrt{9^8} - 4!) \times \sqrt{2^{10}}. \\
209617 &= 97 \times (6! \times (2+1) + 0!). \\
209718 &= \sqrt{9} + (8^7 - 2)/10. \\
209764 &= ((\sqrt{9})! \times 76 + \sqrt{4})^2 \times 0!. \\
209863 &= ((\sqrt{9})!^8 - 6!)/(3! + 2) + 0!. \\
230495 &= (9 + 5)^4 \times 3 \times 2 - 0!. \\
230497 &= \sqrt{9} \times 7^4 \times 32 + 0!. \\
230498 &= ((\sqrt{9})! + 8)^4 \times 3! + 2 \times 0!. \\
230689 &= ((\sqrt{9})!! - 8) \times (6 \times 3)^2 + 0!. \\
230945 &= ((\sqrt{9})!! - 5) \times ((4! - 3!)^2 - 0!). \\
231809 &= 9! - 8^3/2 + 1 \times 0!. \\
235908 &= (9! \times (8+5) + 3!)/20. \\
237890 &= (\sqrt{(\sqrt{9})!^8 + 7^3}) \times 2 \times 0!. \\
238079 &= (9! - 8!/7)/3 \times 2 - 0!. \\
238590 &= (-\sqrt{9})! + 8!/5! \times (3 + (2+0)!). \\
239048 &= (\sqrt{9})! \times 8! - 4 \times (3!! - 2 \times 0!). \\
239580 &= (\sqrt{9})! \times 8! - (5! - 3) \times 20. \\
239760 &= (\sqrt{9})!! \times (7 + 6 + 320). \\
240769 &= (-\sqrt{9})!! + (7! + 6) \times 4! \times 2 + 0!. \\
240839 &= \sqrt{9} \times (8! \times 4 - 3!)/2 - 0!. \\
240896 &= (\sqrt{9})! \times 8! - \sqrt{(6-4)^{20}}. \\
241890 &= \sqrt{9} \times (8! \times 4/2 - 10). \\
241903 &= (9! - 4!)/3 \times 2 - 1 \times 0!. \\
241905 &= \sqrt{9} \times (-5 + (4 \times 2)! \times (1+0)!). \\
241906 &= -9 + 6 \times ((4 \times 2)! - 1) + 0!. \\
241907 &= -\sqrt{9} + 7! \times 4! \times 2 - 10. \\
241908 &= (\sqrt{9})! \times (8! - 4) + 2 + 10. \\
241930 &= (9! \times 4/3)/2 + 10. \\
241950 &= \sqrt{9} \times (5 + (4 \times 2)! \times (1+0)!). \\
241980 &= (\sqrt{9})! \times 8! + (4+2) \times 10. \\
245039 &= -(\sqrt{9})!! + 5! \times 4^3/2 - 0!. \\
246098 &= (\sqrt{9})! \times (8! + 6! - 4!) + 2 \times 0!. \\
246390 &= (\sqrt{9})! \times (6! + 4! + (3! + 2)! + 0!). \\
246970 &= 9 + 7! + 6 \times (4 \times 2)! + 0!. \\
247809 &= (\sqrt{9} + 8!/7) \times (42 + 0!). \\
247960 &= 9! - ((\sqrt{7^6} - 4)^2 - 0!). \\
248903 &= 9 \times (8 + 4!^3 \times 2) - 0!. \\
251904 &= (\sqrt{9} + 5!) \times \sqrt{4} \times 2^{10}. \\
251970 &= \sqrt{(-\sqrt{9} + 7! \times 5)^2} \times 10. \\
253980 &= 9! - (8!/5! - 3!)^2 \times 0!. \\
253984 &= (9!/(8-5)!!)^{\sqrt{4}} - 32. \\
257039 &= \sqrt{9} \times 7! \times (5 \times 3 + 2) - 0!. \\
257049 &= 9 + 7! \times (54 - 2 + 0!). \\
258039 &= -9 + 8!/5 \times 32 \times 0!. \\
258049 &= (9! - 8!)/5 \times 4 + (2 \times 0)!. \\
258930 &= (-\sqrt{9})!!/8 + 5! \times 3!! \times (2+0)!. \\
259074 &= 9 \times (-7 + 5!^{\sqrt{4}}) \times 2 \times 0!. \\
259081 &= (-\sqrt{9} + 8^{5-2})^{1+0!}. \\
259308 &= \left( \sqrt{\sqrt{(\sqrt{9})!^8 + 5! \times 3!}} \right) \times (2+0)!. \\
259380 &= 9 \times (8 \times 5 \times 3!! + 20). \\
260849 &= -(\sqrt{9})!! + 8^6 - 4!^2 + 0!. \\
263980 &= (-\sqrt{9} + 8! - 6!)/3 \times 20. \\
264097 &= (\sqrt{9})!^7 - 6! \times (4! - 2) + 0!. \\
264980 &= (\sqrt{9})!! \times (8 + 6!/\sqrt{4}) + 20. \\
265409 &= (9^6 - 5^4)/2 + 0!. \\
267819 &= (\sqrt{9})! \times (8! + 7! - 6!) - 21. \\
267904 &= (\sqrt{9})!! + 7! + 64^{2+0!}. \\
269304 &= (\sqrt{9})!! + (6! + 4!) \times (3!!/2 + 0!). \\
270594 &= 9 \times (7! - 5 - 4!) \times (2+0)!!. \\
270954 &= (-9 + 7!) \times 54 - (2+0)!!. \\
273905 &= ((\sqrt{9})! + 7) \times 5^3 - (2+0)!!. \\
275039 &= \sqrt{9} \times (7! + 5! \times (3!! + 2)) - 0!. \\
276049 &= (-9 + 7! + 6!) \times 4! \times 2 + 0!.
\end{aligned}$$



$$\begin{aligned}
276490 &= 9 + (7! + 6!) \times 4! \times 2 + 0!. \\
279035 &= (\sqrt{9})!^7 - (5 \times 3!)^2 - 0!. \\
279340 &= 97 \times 4 \times 3!! - 20. \\
279360 &= 97 \times 6! \times (3! - 2) \times 0!. \\
279450 &= (\sqrt{9})!^7 - 5! \times 4 - (2 + 0!)!. \\
279504 &= (\sqrt{9})!^7 - (5! + 4!) \times (2 + 0!). \\
279816 &= ((\sqrt{9})!^8 - 7!)/6 + (2 + 1)!!. \\
280793 &= -(\sqrt{9})! + 8! \times 7 - 3!! \times 2 - 0!. \\
280794 &= -(\sqrt{9})! + 8! \times 7 - \sqrt{4} \times (2 + 0!)!!. \\
280796 &= ((\sqrt{9})!^8 + 7!)/6 + 20. \\
280937 &= -\sqrt{(\sqrt{9})!^8 + 7 \times ((3! + 2)! - 0!)}. \\
283059 &= (-\sqrt{9} + 8! + 5!) \times (3 \times 2 + 0!). \\
283079 &= (\sqrt{9})!! + 8! \times 7 + (3 + 2)! - 0!. \\
286049 &= 9! - (8 + 6)^4 \times 2 + 0!. \\
287190 &= 9! - 87^2 \times 10. \\
287490 &= -(\sqrt{9})! + (-8 + 74)^{2+0!}. \\
290314 &= 9! \times 4/(3 + 2) + 10. \\
290347 &= \sqrt{9} \times 7 \times (4!^3 + 2 + 0!). \\
290358 &= (9 + 8!/5 \times 3!) \times (2 + 0!)!. \\
290385 &= \sqrt{\sqrt{9^8}} \times 5 \times (3!! - 2 - 0!). \\
290431 &= ((\sqrt{9})! + 4!^3) \times 21 + 0!. \\
290514 &= 9!/5 \times 4 + 210. \\
293740 &= (\sqrt{9})!^7 + 4!^3 - 20. \\
293760 &= 9!/7 + 6 \times (3! + 2)! \times 0!. \\
294805 &= 9 \times (8^5 - 4!/2) + 0!. \\
295038 &= 9 \times (8^5 - 3! + 20). \\
295083 &= 9 \times (8^5 + \sqrt{3!!/2 + 0!}). \\
295480 &= ((\sqrt{9})!! - 8) \times (-5 + 420). \\
297360 &= 9! - (7 + 6) \times (3 \times 2 + 0!)!. \\
298035 &= (-9 + 8!/5) \times (3!^2 + 0!). \\
298064 &= 9! - 8^6/4 + (2 + 0!)!!. \\
298107 &= \sqrt{9} \times (8! + \sqrt{(7 + 2)!}). \\
301679 &= (\sqrt{9})!! \times (7!/(6 + 3!) - 1) - 0!. \\
301689 &= (\sqrt{9})! \times 8! + 6! + 3!^{10}. \\
302459 &= ((\sqrt{9})!! + (5 \times \sqrt{4})!)/(3! \times 2) - 0!. \\
302519 &= (9! \times 5 + 3!)/(2 + 1)! - 0!. \\
302579 &= 9 \times (7^5 + 3) \times 2 - 0!. \\
302759 &= \sqrt{9^7} \times 5! + (3! + 2)! - 0!. \\
302769 &= 9 + (7! + 6) \times 3 \times 20. \\
302879 &= (\sqrt{9})!! \times (8 + 7!)/(3! \times 2) - 0!. \\
302976 &= (\sqrt{9})!^7 + 6! \times 32 \times 0!. \\
304896 &= 9! + 8! - 6 \times 4^{3+0!}. \\
304917 &= -\sqrt{9} + 7!/\sqrt{4} \times ((3! - 1)! + 0!). \\
305279 &= ((\sqrt{9})!! + 7!) \times 53 - 2 + 0!. \\
305289 &= 9 + (8 \times 53) \times (2 + 0!)!!. \\
306495 &= 9!/6 \times 5 + 4^{3!} - 0!. \\
306719 &= (9!/7 - 6!) \times 3! - 1 \times 0!. \\
307495 &= 9! - (7! - 5) \times (4 \times 3 - 0!). \\
308159 &= 9! - 8! - 5!^{3-1} - 0!. \\
308296 &= ((\sqrt{9})!! - 8) \times (6^3 \times 2 + 0!). \\
309564 &= -(\sqrt{9})! \times (6 - 5! \times 430). \\
309648 &= (\sqrt{9})! \times 8 + 6! \times 430. \\
309674 &= 9! + (-76 + \sqrt{4}) \times (3!! - 0!). \\
310967 &= 9!/7! \times (6! \times 3! - 1) - 0!. \\
316079 &= 9!/7 \times 6 + (3! + 1)! - 0!. \\
316790 &= -(\sqrt{9})!! + 7! \times 63 - 10. \\
316809 &= 9 + (8! - 6!) \times (3! + 1 + 0!). \\
317490 &= \sqrt{9} \times (7! \times (4! - 3) - 10). \\
318950 &= 9! - 8! - 5 \times 3!! - 10. \\
318960 &= 9! - 8! - 6! \times (3! - 1 \times 0!). \\
319560 &= 9! - \sqrt{6! \times 5} \times (3!! + 1 + 0!). \\
319584 &= 9! - 8! - (5! - 4!) \times 3!. \\
319650 &= 9! - 6 \times (5 + 3!! \times 10). \\
319680 &= 9 \times 8! - 6! \times 3! \times 10. \\
319740 &= (\sqrt{9})! \times (74 \times 3!! + 10). \\
320879 &= 9! - 8! - 7!/3 - (2 \times 0!)!. \\
320976 &= (\sqrt{9})!^7 + 6! + (3! + 2 \times 0!)!. \\
321409 &= 9! - 4!^3 \times (2 + 1) + 0!. \\
321940 &= 9! - (4^{3!} - 2) \times 10. \\
324096 &= 96 \times (4^{3!} - (2 + 0!)!!). \\
325079 &= 9! - 7! \times 5 \times 3/2 - 0!. \\
325907 &= -(\sqrt{9})!! + 7 \times (5 + 3!(2+0!)!). \\
327096 &= (9! + 7! \times 6^{3!})/(2 + 0!)!!. \\
327609 &= 9 + 7! \times (63 + 2) \times 0!. \\
327890 &= 9! - 8! + 73^2 + 0!. \\
328509 &= (\sqrt{9} \times (8 + 5 \times 3))^{2+0!}. \\
329064 &= 9! + 6! - 4! \times (3!! \times 2 - 0!). \\
329580 &= 9 \times (8! - 5 \times (3!! + 20)). \\
329760 &= (\sqrt{9})!! \times (76 \times 3! + 2 \times 0!). \\
340569 &= (-9 + 6!) \times (5! \times 4 - (3 \times 0!)!). \\
340579 &= 9! - 7! - 5 - 4! \times (3!! - 0!). \\
340596 &= (9 + 6! \times 5!) \times 4 - (3! + 0!)!. \\
340927 &= 9! - (7 \times 4)^3 - (2 \times 0!)!. \\
340928 &= 9! - (84/3)^{2+0!}. \\
342059 &= 9! - (5 + 4!) \times (3!! - 2) + 0!. \\
342709 &= 9! - 7! \times 4 - 3! \times 2 + 0!. \\
342950 &= (95 \times \sqrt{4})^3/20. \\
342980 &= (9 \times 8 - \sqrt{4})^3 - 20. \\
345096 &= -9!/6! + 5! \times 4 \times 3!! \times 0!. \\
345609 &= 9 + (6! \times 5!) \times 4 + 3 \times 0. \\
345690 &= 9! - (6! - 5) \times 4! - 30. \\
345960 &= (9 + 6 + 5!^{\sqrt{4}}) \times (3 + 0!)!. \\
346095 &= 9 + 6 + 5! \times 4 \times (3!! + 0!). \\
346920 &= ((\sqrt{9} + 6!) \times 4! - 3!) \times 20. \\
347029 &= 9! - (7 + 4) \times (3!! \times 2 + 0!)!. \\
347809 &= 9! - (8 + 7! - 4!) \times 3 + 0!. \\
347906 &= \sqrt{9} \times 7^6 - (4 + 3!) - 0!. \\
347920 &= 9! - (7 \times 4 + 3!!) \times 20. \\
348519 &= 9! + 8 - \sqrt{5!^4} + 3!. \\
348960 &= 9! - (8! + 6! \times \sqrt{4})/3 \times 0!. \\
348970 &= 9! - 87 - 4!^3 + 0!. \\
349052 &= 9! - 5 - 4!^3 + 2 - 0!. \\
349056 &= 9! + (6 - 5!/4)^3 \times 0!. \\
349057 &= 9! - ((7 + 5) \times \sqrt{4})^3 + 0!. \\
349067 &= 9! - (7 + 6!) \times (4! - 3! + 0!). \\
349206 &= ((\sqrt{9})! + 6!) \times (4 \times (3 + 2)! + 0!). \\
349208 &= 9! - (8! - 4! + 3!)/(2 + 0!)!. \\
349650 &= 9 \times (6! \times 54 - 30). \\
349680 &= 9! - (86 + 4!) \times (3! - 0!)!. \\
350279 &= 9! - 7 \times 5 \times 3!!/2 - 0!. \\
350298 &= -(\sqrt{9})! + 8! + 5^{3!+2} - 0!. \\
350496 &= 9! + 6^5 - 4 \times (3! + 0!)!. \\
350649 &= \sqrt{9^6} \times (5! \times 4 + (3 \times 0!)!). \\
350892 &= \sqrt{9} \times (8!/5! + 3!)^2 \times 0!. \\
351960 &= 9! - (6! + 5!) \times (3 + 10).
\end{aligned}$$

$$\begin{aligned}
352079 &= 9! - (7! + 5! \times 3) \times 2 - 0!. \\
352089 &= 9 \times (8! + (5! - 3!)) \times 2 + 0!. \\
352489 &= (9 + (85 + 4^3))/2. \\
352790 &= 9! - (7! + 5) \times (3 - 2 + 0!). \\
352907 &= 9! - (7! - 53) \times 2 + 0!. \\
352940 &= \sqrt{9} \times ((5 + \sqrt{4})^{3!} - 2) - 0!. \\
354290 &= (9^5 - 4) \times 3! + 20. \\
354690 &= 9! - (6 + 5!) \times (4^3 + 0!). \\
354819 &= \sqrt{9} + 8!/5 \times (43 + 1). \\
354960 &= 9! - (6 + 5) \times 4! \times 30. \\
356409 &= 9 \times (6! + 54 \times 3!! + 0!). \\
356910 &= 9! - (6! - 5! - 3) \times 10. \\
356940 &= 9! - \sqrt{(6 \times 5^4)} - (3! + 0!)!. \\
357049 &= 9! + (7 - 5\sqrt{4})^3 + 0!. \\
357094 &= 9! - 7! - 5\sqrt{4} - 3!! - 0!. \\
357409 &= 9! - 7! - (5! + 4!) \times 3 + 0!. \\
357901 &= \sqrt{((\sqrt{9})! + 7! - 5)^3} - 10. \\
357902 &= 9! - 7! + \sqrt{5 \times 3!!} + 2 - 0. \\
357904 &= -(\sqrt{9})! + (75 - 4)^3 - 0!. \\
357908 &= 9! + 8 - 7! + \sqrt{5! \times 30}. \\
357910 &= 9! - 7 \times (5! \times 3! - 10). \\
357920 &= 9! - 7! + 5!/3 \times 2 \times 0!. \\
357940 &= 9! - 7! + 5 \times (4! - 3 - 0!). \\
358092 &= 9 \times (8! - 532) \times 0!. \\
358920 &= 9 \times (8! - 5! - 320). \\
359041 &= 9! - 5! \times \sqrt{4^{3! - 1}} + 0!. \\
359078 &= 9! + 8 - (7 + 5!) \times 30. \\
359104 &= 9! - (5! - \sqrt{4}) \times (31 + 0!). \\
359120 &= 9! - 5 \times (3!! + \sqrt{2^{10}}). \\
359140 &= 9! - 5^4 \times 3! + 10. \\
359160 &= 9! - \sqrt{6!/5} \times 310. \\
359170 &= 9! - 7 \times 53 \times 10. \\
359184 &= 9! + (8 - 5!) \times (\sqrt{4} + 31). \\
359208 &= 9! - (8!/5 - 3!!)/2 \times 0!. \\
359270 &= 9! - 7! - (5 - 3!!) \times 2 \times 0!. \\
359280 &= 9 \times (8! - 5!/3! \times 20). \\
359401 &= 9! + 5! \times (\sqrt{4} - 31) + 0!. \\
359402 &= 9! + 5 \times (4! - 3!!) + 2 \times 0!. \\
359460 &= 9! + 6 \times (5 - 4!) \times 30. \\
359480 &= 9! + 8 \times (5 - 430). \\
359604 &= 9! + (6 + 5!) \times (4 - 30). \\
359640 &= 9! - 6! \times (5 + 4)/(3 - 0!). \\
359802 &= 9 \times (8! - (5! - 3!)) \times (2 + 0!)!. \\
359820 &= 9! - 85 \times 3!^2 \times 0!. \\
360219 &= (9!/6! - 3) \times ((2 + 1)!! - 0!). \\
360289 &= 9! - 8 \times (6 \times 3)^2 + 0!. \\
360294 &= 9! - 6 \times (432 - 0!). \\
360479 &= 9! - \sqrt{7\sqrt{64}} + 3 \times 0. \\
360594 &= 9! - 6 + (5 - 4!) \times (3! - 0!)!. \\
360719 &= 9! - (7! - 6!)/(3 - 1) - 0!. \\
360729 &= 9! + 7 - 6! \times 3 + 2 \times 0!. \\
360749 &= 9! + (7 - 6!) \times 4 + 3!! + 0!. \\
360918 &= 9 \times (8! - 6^3 - 1 - 0!). \\
360928 &= 9! - \sqrt{8^6} - 3!! \times 2 \times 0!. \\
360942 &= 9! - 6 \times ((4! - 3!)^2 - 0!). \\
360954 &= 9! - 6 \times (5 \times 4^3 + 0!). \\
361097 &= 9! - \sqrt{7^6} - 3!! \times (1 + 0!). \\
361409 &= 9! - 6! \times \sqrt{4} - 31 \times 0!. \\
361590 &= 9! - (6 + 5! + 3) \times 10. \\
361809 &= 9 \times (8! - 6!/3! + 1 \times 0!). \\
361890 &= 9 \times (8! - 6!/3! + 10). \\
361904 &= 9! - 6! - 4^{3+1 \times 0!}. \\
361908 &= 9 \times (8! - 6^3/(1 + 0!)). \\
361920 &= 9! + 6!/3! \times (2 - 10). \\
361950 &= 9! - 6 \times 5 \times 31 \times 0!. \\
361970 &= 9! - 7 \times (6!/3! + 10). \\
362059 &= 9! - 6! - 5! + \sqrt{3!!/2} + 0!. \\
362089 &= 9! - 8 - 63 - (2 + 0!)!!. \\
362094 &= 9! + 6 - 4! \times (32 + 0!). \\
362095 &= 9! - 65 - (3 \times 2)! \times 0!. \\
362097 &= 9! - 763 - 20. \\
362098 &= 9! - 8!/6! - 3! - (2 + 0!)!!. \\
362190 &= 9! - 6! + \sqrt{3^2} \times 10. \\
362490 &= 9! - 6 \times (4^3 + 2 - 0!). \\
362509 &= 9! - 6 - 5 - 3!!/2 \times 0!. \\
362590 &= 9! + 6 \times 5 - 320. \\
362709 &= 9! - (\sqrt{7^6} - 3)/2 - 0!. \\
362790 &= 9! - 7 - 63 - 20. \\
362809 &= 9! - 8 \times 6 - 3 - 20. \\
362890 &= 9! - 8 - 6/3 + 20. \\
362901 &= 9! + 6 + 3 + 2 + 10. \\
362904 &= 9! + 6 + \sqrt{4 + 320}. \\
362908 &= 9! + (8 - 6)^3 + 20. \\
362910 &= 9! + 6!/3 - 210. \\
362940 &= 9 \times (\sqrt{64})! + 3 \times 20. \\
362950 &= 9! + 6 \times 5 \times 3 - 20. \\
362970 &= 9! + 7 + 63 + 20. \\
362980 &= 9! + 86 - 3! + 20. \\
364079 &= 9! + (7! - 6! \times \sqrt{4})/3 - 0!. \\
364097 &= 9! + 7 \times (6!/4 - 3!) - 0!. \\
364209 &= 9! + 6^4 + 32 + 0!. \\
364290 &= 9! - 6 - 4! + 3!! \times 2 \times 0!. \\
364590 &= 9! + (-6 + 5!)/\sqrt{4} \times 30. \\
364709 &= 9! + 76 \times 4! + 3! - 0!. \\
364809 &= 9! + (8 \times 6! + 4!)/3 + 0!. \\
364902 &= 9! + 6 + (4!/3)!/20. \\
364950 &= 9! + (65 + 4) \times 30. \\
364980 &= 9! + 8! \times 6!/4!^3 \times 0!. \\
365029 &= 9! + 6 \times (5! \times 3 - 2) + 0!. \\
365049 &= 9! + (6! + 5 - \sqrt{4}) \times 3 \times 0!. \\
365490 &= 9! + 6 \times (5 + 430). \\
365904 &= 9! + (6 + 5!) \times 4! + 3 \times 0. \\
365910 &= (9! + 6!)/5! + (3^{1+0!})!. \\
365940 &= 9! + 6 \times ((5! \times 4) + 30). \\
367049 &= 9! - 7 + (6! - 4!) \times (3 \times 0!)!. \\
367094 &= 9! + 7 \times (6! + \sqrt{4} - (3! - 0!)!). \\
367190 &= 9! + 7 \times 6! - 3!! - 10. \\
367209 &= 9 + 7! - 6! + (3^2)! \times 0!. \\
367409 &= 9! + 7! - \sqrt{64^3} + 0!. \\
367490 &= 9! + 7 \times 6! - 430. \\
367809 &= 9! + 8 + 7! - 6!/3! + 0!. \\
367890 &= 9! + (8 - 7 + 6)! - 30. \\
367901 &= 9! + 7! - 6 - 3 - 10. \\
367902 &= 9! + 7! + 6/3 - 20. \\
367904 &= 9! + 7 \times (6! + \sqrt{4}) - 30. \\
367908 &= 9! + 8 + 7 \times (6! - 3) + 0!.
\end{aligned}$$

$$\begin{aligned}
367910 &= (9! + 7!) \times 6/3! - 10. \\
367920 &= 9! + 7! + 632 \times 0!. \\
367940 &= 9! + 7! - 6 - 4 + 30. \\
367980 &= 9 \times 8! + 7! + \sqrt{6!} \times (3! - 0!). \\
368790 &= 9! + (8! - 7!)/6 + 30. \\
368904 &= 9! + 8!/6 + 4! - 3!! \times 0!. \\
368920 &= 9! + 8 \times (6! + 3!^2 - 0!). \\
369024 &= 9! + 6 \times 4^{3+2} \times 0!. \\
369054 &= 9! + 6 \times (5 + 4^{3!-0!}). \\
369081 &= 9 \times (8! + 6! - 31 \times 0!). \\
369201 &= 9! + 6321 \times 0!. \\
369280 &= 9! + 8!/6 - 320. \\
369405 &= 9 \times (6! + 5 + (4!/3!) \times 0!). \\
369740 &= 9! + (76/4)^3 + 0!. \\
369840 &= 9! + 8 \times 6 \times (4! \times 3! + 0!). \\
370198 &= 9! + 8 + 7310. \\
370259 &= 9! + (7! - 5!) \times 3/2 - 0!. \\
370489 &= 9! + (8 + 7!/4) \times 3! + 0!. \\
370549 &= ((\sqrt{9})! + 7)^5 - 4! - 3!! \times 0!. \\
370594 &= ((\sqrt{9})! + (7 + 5!) \times 4) \times (3!! + 0!). \\
370649 &= 9! - 7 + 6^{\sqrt{4+3 \times 0!}}. \\
370945 &= 9! + 7!/5 \times \sqrt{4^3} + 0!. \\
370948 &= 9! + 8!/(7 - \sqrt{4}) + 3 + 0!. \\
371290 &= -\sqrt{9} + (7 + 3!)^{(2+1)!-0!}. \\
371509 &= 9! + (7 + 5) \times (3!! - 1) + 0!. \\
372904 &= 9! - 7 \times (4 - 3!!) \times 2 \times 0!. \\
372940 &= 9! + 7! + (4 + 3)! - 20. \\
372950 &= 9! + (7! - 5) \times (3 - 2 + 0!). \\
372960 &= 9! - 7! \times (6 \times 3 - 20). \\
372980 &= 9! + 8!/(7 - 3) + 20. \\
375809 &= ((\sqrt{9})! \times 87 - 5) \times 3! - 0!. \\
375920 &= 9! + 7! + (5!/3!)^{2+0!}. \\
378049 &= 9! - (8 - 7! - 4!) \times 3 + 0!. \\
379601 &= 9! + (7 + 6!) \times ((3 + 1)! - 0!). \\
379620 &= 9! + (7!/6 - 3) \times 20. \\
380159 &= 9! + (8 - 5)!! \times (3 + 1)! - 0!. \\
380169 &= 9! + 8 \times (6! \times 3 + 1) + 0!. \\
380519 &= \sqrt{9} \times (8! + 5! \times (3!! + 1)) - 0!. \\
381609 &= 9! - 8! + (6 - 3)^{10}. \\
381690 &= (9 + 8! - 6! \times 3) \times 10. \\
381960 &= 9! + (8! - 6! \times 3)/(1 + 0!). \\
384190 &= (((\sqrt{9})! + 8)^4 + 3) \times 10. \\
384960 &= 9! + (-8 + 6! + 4!) \times 30. \\
385904 &= ((\sqrt{9})! - 8) \times (543 - 0!). \\
385920 &= 9! + (8 - 5)!! \times 32 \times 0!. \\
386209 &= 9 \times 8! + 6^{3!}/2 + 0!. \\
387960 &= (\sqrt{9} + 8)! \times 7/6! - (3! - 0!)!. \\
389250 &= (\sqrt{9})!!/8 \times (5 + 3!! \times (2 + 0!)!). \\
389520 &= (\sqrt{9})!! \times (8 + 532 + 0!). \\
389640 &= 9! + 8!/6 \times 4 - (3! - 0!)!. \\
389760 &= 9! + 8 \times 7!/6 \times (3 + 0!). \\
390524 &= 9! - 5 + 4!^3 \times 2 + 0!. \\
390652 &= \sqrt{\sqrt{9^6}} + 5^{3!+2} \times 0!. \\
391680 &= (9 + 8) \times 6! \times (31 + 0!). \\
392065 &= (\sqrt{9})!! + 6! + 5^{3!+2 \times 0!}. \\
392640 &= 96 \times (4^{3!} - (2 + 0!)!). \\
392760 &= 9! + 7! \times 6 - 3!!/2 \times 0!. \\
394056 &= 9! + (6! + 5) \times 43 + 0!. \\
394560 &= (\sqrt{9})!! \times (6 + 543 - 0!). \\
395104 &= (\sqrt{9})!! + (5^4 + 3)^{1+0!}. \\
395280 &= 9 \times (8 + 53) \times (2 + 0!)!. \\
395460 &= 9! + 6 \times 5430. \\
396180 &= (-\sqrt{9})!! + 8! + 6 \times 3) \times 10. \\
396480 &= 9! + 8!/6^{\sqrt{4}} \times 30. \\
396720 &= 9! + 7! + (6! + 3!!) \times 20. \\
397280 &= 9! + 8 \times (7! - 3!! - 20). \\
397408 &= 9! + 8 \times (7! - 4 - (3! - 0!)!). \\
397410 &= 97 \times (4^{3!} + 1) + 0!. \\
397420 &= ((\sqrt{9})!! - 7 \times 4!) \times 3!! - 20. \\
397480 &= 9! + 8 \times (7! + 4 - 3!! + 0!). \\
397680 &= 9! + 8 \times (7! - 6! + 30). \\
398520 &= 9 \times (8! + 5! \times (32 + 0!)). \\
398601 &= 9 \times (8! + 63^{1+0!}). \\
398602 &= 9 \times (8! + 63^2) + 0!. \\
398640 &= 9! + 8 \times 6 \times (4! + 3!! + 0!). \\
398720 &= ((\sqrt{9})!! - 8) \times 7!/3^2 \times 0!. \\
398760 &= 9! + 8! - 7! + 6! - (3! - 0!)!. \\
401398 &= 98 \times 4^{3!} - 10. \\
401956 &= (\sqrt{9} + 6 + 5^4)^{1+0!}. \\
402598 &= 9! + 8! + 5! - \sqrt{4} - (2 + 0!)!. \\
402689 &= 9! - \sqrt{8^6} + (4 \times 2)! + 0!. \\
402839 &= 9! + 8! - (4 + 3!!)/2 + 0!. \\
402896 &= 9! + 8! + 6! - \sqrt{\sqrt{4^{20}}}. \\
402958 &= 9! + 8! - 5! \times \sqrt{4} - 2 \times 0!. \\
402968 &= 9! + 8! - (6! - 4!)/(2 + 0!). \\
402983 &= 9! + 8! - 4! \times 3^2 - 0!. \\
402985 &= 9! + 8! - 5 \times (42 + 0!). \\
403159 &= 9 + (-5 + (4!/3!)) \times 10. \\
403169 &= 9! + (\sqrt{64})! - 31 \times 0!. \\
403179 &= -\sqrt{9} \times 7 + (4!/3!) \times 10. \\
403189 &= 9 + (8! + 4 - 3!) \times 10. \\
403192 &= 9! + (4!/3!) + 2 - 10. \\
403196 &= 9! + (\sqrt{64})! + 3! - 10. \\
403198 &= 9! + 8! - 4 \times 3 + 10. \\
403259 &= 9! + 5!/\sqrt{4} + (3! + 2)! - 0!. \\
403289 &= (9 + 8!) \times (4 \times 3 - 2) - 0!. \\
403295 &= 9! + 5! - 4! + (3! + 2)! - 0!. \\
403579 &= (9 + 7^5) \times 4! - 3! + 0!. \\
403697 &= 9! - 7 \times ((6 - 4!)^3 + 0!). \\
403896 &= 9! + 8! - 6 \times 4 + 3!! \times 0!. \\
403915 &= (\sqrt{9})!! - 5 + (4!/3!) \times 10. \\
403921 &= 9! + (4!/3!) + (2 + 1)!! + 0!. \\
403925 &= (\sqrt{9})!! + 5 \times ((4!/3!) \times 2 + 0!). \\
403926 &= 9! + (\sqrt{64})! + 3! + (2 + 0!)!. \\
403927 &= 9! + 7 + (4!/3!) + (2 + 0!)!. \\
403928 &= 9! + 8! + (4! + 3)^2 - 0!. \\
403968 &= 9! + 8! + 6 \times \sqrt{4^{3!+0!}}. \\
407289 &= 9! + 8! - 7 + 4^{(2+0)!}. \\
407918 &= \sqrt{\sqrt{9^8}} \times (7! - 4) + 1 + 0!. \\
408159 &= \sqrt{\sqrt{9^8}} \times ((5 + \sqrt{4})! - 1 \times 0!). \\
408195 &= 9 \times (8! - 5 + ((4 - 1)! + 0!)!). \\
408239 &= 9!/8 \times (4 + 3 + 2) - 0!. \\
408259 &= 9 \times (8! + (5 + \sqrt{4})! + 2) + 0!. \\
408279 &= 9 \times (8! + 7! + 4) + 2 + 0!. \\
408359 &= 9! + 8! + 5! \times 43 - 0!. \\
408769 &= 9! + 8 \times (7! + 6! - 4!) + 0!.
\end{aligned}$$

$$\begin{aligned}
408952 &= 9! + 8 \times (5! \times 4! \times 2 - 0!). \\
408961 &= 9! - 8! + 6! \times (4 + 1)! + 0!. \\
408963 &= \sqrt{9} + 8 \times 6! \times (4! \times 3 - 0!). \\
408967 &= 9! - 8! + 7 + 6! \times (4 + 0)!!. \\
408976 &= 9! + 8! + \sqrt{76^4} \times 0!. \\
409386 &= ((\sqrt{9})! + 8 \times 6!) \times (4! \times 3 - 0!). \\
409528 &= 9! - 8 + (5 - \sqrt{4})!^{(2+0)!}. \\
409536 &= 9! + 6^{5+4-3} \times 0!. \\
409537 &= 9! + (7 - 5 + 4)^{3!} + 0!. \\
409615 &= 9! + 65 \times ((4 - 1)! - 0!). \\
409671 &= -9 - 7! + 6! \times 4!^{1+0!}. \\
409672 &= -9 - 7! + 6! \times 4!^2 + 0!. \\
409673 &= 9! - 7 + 6! \times (4^3 + 0!). \\
409836 &= 98 \times 6 \times (-4! + 3!! + 0!). \\
416907 &= \sqrt{9^7} + 6! \times 4!^{1+0!}. \\
419760 &= 9! + 7! + 6!^{\sqrt{4}}/10. \\
428395 &= -\sqrt{9} + 85 \times (4 + 3)! - 2. \\
430569 &= 9 - 6! \times (5! + \sqrt{4} - 3!!) \times 0!. \\
431905 &= 9! + (5! - 4!) \times (3!! - 1) + 0!. \\
431950 &= 9! + 5 \times (4!^3 - 10). \\
432958 &= -(\sqrt{9})! + (8 + 54 - 3!!)^2. \\
435609 &= 9 + (6! - 5!/\sqrt{4})^{3-0!}. \\
435960 &= (9 + 6! \times 5 + 4!) \times (3! - 0)!!. \\
436095 &= (\sqrt{9})!! \times (6! - 5!) + (4^3 - 0!). \\
436809 &= 9 + 8!/6 \times (4^3 + 0!). \\
437190 &= 9! + 74310. \\
452790 &= (9 - 7!) \times 5 \times (\sqrt{4} - 20). \\
452890 &= ((9! + 8) \times 5)/4 - (2 + 0)!!. \\
452930 &= (9 \times 5 + \sqrt{4} - 3!!)^2 + 0!. \\
453096 &= 9! - (6 + 5!) \times (4 - 3!!) \times 0!. \\
453609 &= 9 + (6! + 5!^{\sqrt{4}}) \times 30. \\
453690 &= \sqrt{9} \times 6 \times 5 \times ((4 + 3)! + 0!). \\
453709 &= (-\sqrt{9} + 7^5) \times (4! + 3) + 0!. \\
453790 &= 9 \times 7^{\sqrt{5^4}} \times 3 + 0!. \\
453960 &= \sqrt{9} \times 6 \times 5 \times (4 + (3! + 0)!!). \\
457920 &= ((\sqrt{9})!! + 75) \times 4!^2 \times 0!. \\
458329 &= ((9 - 8 + 5!) - 43)^2. \\
459270 &= \sqrt{9^7} \times 5 \times 42 \times 0!. \\
459360 &= 9! + 6! \times (5 \times (4! + 3) - 0!). \\
468790 &= (-\sqrt{9} + 8)^7 \times 6 + 40. \\
470369 &= ((\sqrt{9})!! + 7) \times (6! - 4! \times 3 - 0!). \\
470593 &= -\sqrt{9} + 7^5 \times (-\sqrt{4} + 30). \\
470619 &= ((\sqrt{9})! + 7^6) \times 4 - 1 \times 0!. \\
471096 &= 9 \times (7! + 6!^{\sqrt{4}})/10. \\
473906 &= \sqrt{9} \times (7^6 + (4!/3)!) - 0!. \\
473908 &= \sqrt{9} \times (8! + 7^{\sqrt{4} \times 3}) + 0!. \\
475920 &= ((\sqrt{9})!! - 7 \times 5 - 4!) \times (2 + 0)!!. \\
478069 &= -\sqrt{9} - 8! - 7 + 6!^{\sqrt{4}} - 0!. \\
478096 &= 9 - 8! + 7 + 6!^{\sqrt{4}} \times 0!. \\
479038 &= ((\sqrt{9})! \times 8! - 7^4) \times (3 - 0)!!. \\
479520 &= (-9 + 7!/5) \times 4! \times 20. \\
480529 &= 9! + (8 - 5 + 4)^{(2+0)!}. \\
482509 &= (9 + 8! - 5!) \times 4!/2 + 0!. \\
482590 &= ((\sqrt{9})! \times 8! - 5^4) \times 2 \times 0!. \\
483096 &= (\sqrt{9} \times 8! - 6) \times 4 - 3!! \times 0!. \\
483790 &= 9! + (8! + 7 - 4!) \times 3 + 0!. \\
483906 &= (\sqrt{9} + 8!) \times 6 \times \sqrt{4} + 30. \\
483907 &= \sqrt{9} \times ((8! + 7) \times 4 - 3!) + 0!. \\
483910 &= ((\sqrt{9})! + 8!) \times 4 \times 3 - 1 - 0!. \\
483960 &= 9! \times 8/6 + 4 \times 30. \\
485209 &= -(\sqrt{9})! + 8! + 5! \times 4!/2 + 0!. \\
485290 &= 9 + (8! + 5!) \times 4!/2 + 0!. \\
489601 &= 9! + 8! + 6! \times (4 + 1)! + 0!. \\
489607 &= 9! + 8! + 7 + 6! \times (4 + 0)!!. \\
490176 &= (\sqrt{9})!! + 7! + (6! - 4!)^{1+0!}. \\
491520 &= ((\sqrt{9})!! - 5! \times \sqrt{4}) \times 2^{10}. \\
491530 &= 9 + 5! \times 4^3 + 1 \times 0!. \\
492803 &= (9 \times (84 - 3!))^2 - 0!. \\
492805 &= ((\sqrt{9})!! - 8 - 5 \times \sqrt{4})^2 + 0!. \\
493056 &= 96 \times (5! - 4! + (3! + 0)!!). \\
493201 &= 9! + ((\sqrt{4} + 3!)/2)^{1+0!}. \\
493560 &= \sqrt{9} \times 6! + 5! \times (4^3 - 0!). \\
495360 &= 96 \times 5! \times 43 \times 0!. \\
495720 &= 9! + (7! - 5!) \times (4! + 2 + 0)!!. \\
496230 &= ((\sqrt{9})! - 6!) \times (4! - (3 \times 2)! + 0)!!. \\
497025 &= (\sqrt{\sqrt{9^7+5}} - 4!)^2 \times 0!. \\
497026 &= ((\sqrt{9})!! - 7 - \sqrt{64})^2 + 0!. \\
497028 &= ((\sqrt{9})!! - 8 - 7)^{\sqrt{4}} + 2 + 0!. \\
497280 &= 9! + 8!/(7 - 4!) \times 20. \\
498230 &= -9 - 8!/\sqrt{4} + 3!!^2 - 0!. \\
502691 &= ((\sqrt{9})!! - 6 - 5)^2 + 10. \\
503279 &= -\sqrt{9} \times 7! + (5! \times 3!)^2 - 0!. \\
503496 &= 9!/6! \times ((5 \times \sqrt{4})^3 - 0!). \\
503879 &= -(\sqrt{9})!! + 8! \times 75/3! - 0!. \\
506924 &= (\sqrt{9} - 6! + 5)^{\sqrt{4}} - 20. \\
508239 &= -\sqrt{9^8} + (-5 + 3!!) \times (2 + 0)!!. \\
508319 &= (\sqrt{9})!! \times (-8 - 5 + 3!! - 1) - 0!. \\
509327 &= -9 \times 7!/5 + 3!!^2 - 0!. \\
509328 &= -9!/(8 \times 5) + 3!!^2 \times 0!. \\
513960 &= -(\sqrt{9})! \times 6! - 5! + 3!!^{1+0!}. \\
514079 &= 9! + 7! \times 5!/4 - 1 \times 0!. \\
514089 &= ((\sqrt{9})!! - 8 + 5)^{\sqrt{4}} \times 1 \times 0!. \\
514098 &= 9 \times (8 + 5)^4 \times (1 + 0)!!. \\
518309 &= -(\sqrt{9})! - 85 + 3!!^{1+0!}. \\
518390 &= (9 - 8 + 5)! \times 3!! - 10. \\
518394 &= -(\sqrt{9})! + (\sqrt{\sqrt{85-4}})!!^{3-1}. \\
518409 &= 9 + (8 - 5)!^{\sqrt{4}} + 1 \times 0!. \\
518490 &= (\sqrt{9})!!/8 + (5 - \sqrt{4})!!^{1+0!}. \\
519034 &= 9 + 5^4 + 3!!^{1+0!}. \\
519230 &= (\sqrt{9})!! + 5! + 3!!^2 - 10. \\
519240 &= (\sqrt{9})!! + 5! + (4 + 2)!^{1+0!}. \\
519360 &= (\sqrt{9})!! \times 6! + 5! \times (3! + 1 + 0)!!. \\
519840 &= (\sqrt{9})!! \times (-8 + (5 - \sqrt{4})!! + 10). \\
520849 &= 9! + 8! + (5 + \sqrt{4})^{(2+0)!}. \\
524039 &= 9! - 5! + 4 \times (3! + 2)! - 0!. \\
524309 &= 9!/5! + (\sqrt{4} + 3!!)^2 + 0!. \\
524901 &= ((\sqrt{9})!! + 5) \times (4 + (2 + 1)!!) + 0!. \\
524903 &= ((\sqrt{9})!! + 5)^{\sqrt{4}} - 3!! - 2 \times 0!. \\
524906 &= -(\sqrt{9})!! + (6! + 5)^{4/2} + 0!. \\
527039 &= (\sqrt{9})!! \times (7 + 5 + (3 \times 2)!) - 0!. \\
529074 &= -(\sqrt{9})! + 7! \times 5 \times (4! - 2 - 0)!!. \\
530496 &= (\sqrt{9})!! \times 6! + (5 + 4)!/30. \\
530719 &= \sqrt{9^7+5} - 3!! - 1 - 0!.
\end{aligned}$$

$$\begin{aligned}
530961 &= 9^6 - 5! \times (3 + 1 \times 0!). \\
530962 &= 9^6 - 5! \times (3! - 2) + 0!. \\
530964 &= 9^6 - 5! \times 4 + 3 \times 0!. \\
531409 &= 9^{(5-\sqrt{4})!} - 3! - 0!. \\
532809 &= 9 + (8 - 5)!! \times (3!! + 20). \\
532904 &= \sqrt{9} + (5 \times \sqrt{4} + 3!!)^2 + 0!. \\
534910 &= ((\sqrt{9})!! + \sqrt{5^4}) \times (3!! - 1 - 0!). \\
534960 &= (\sqrt{9})!! \times (6! - 5 - \sqrt{4} + 30). \\
536409 &= 9 + (6! + 5^{\sqrt{4}}) \times 3!! \times 0!. \\
536490 &= 9^6 + 5 + 4 + (3! + 0!)!. \\
537290 &= ((\sqrt{9})! + 7 + 5! \times 3!)^2 + 0!. \\
537920 &= (\sqrt{9} + 7^5) \times 32 \times 0!. \\
539280 &= (\sqrt{9})!! \times ((8 - 5)^{3!} + 20). \\
539401 &= ((\sqrt{9})!! + 5) \times 4! \times 3! + 0!. \\
539402 &= ((\sqrt{9})!! + 5) \times (4! + 3!!) + 2 \times 0!. \\
539406 &= (\sqrt{9})! + (6! + 5) \times (4! + 3!! \times 0!). \\
539460 &= \sqrt{9^6} \times (5 \times 4 + 3!! \times 0!). \\
540289 &= 9! \times 8/5 - (4 \times 2)! + 0!. \\
543960 &= 9! + (-6! + (5 + 4)!)/(3 - 0!). \\
547920 &= (\sqrt{9})!! \times ((7 + 5!) \times (4 + 2) - 0!). \\
549072 &= 9 \times ((7 + 5! \times \sqrt{4})^2 - 0!). \\
549081 &= (9 \times 85 - 4!)^{1+0!}. \\
549082 &= (9 \times 85 - 4!)^2 + 0!. \\
549120 &= ((\sqrt{9})!! - 5) \times 4! \times \sqrt{2^{10}}. \\
549360 &= (\sqrt{9})!! \times (6 \times 5! + 43 \times 0!). \\
549603 &= (-9 + 6!) \times (54 + 3!! - 0!). \\
562490 &= -9 + (6! + 5!/4)^2 - 0!. \\
563940 &= (\sqrt{9} + 6!) \times (5!/\sqrt{4} + 3!! \times 0!). \\
570239 &= 9!/7 \times (5 + 3 \times 2) - 0!. \\
573049 &= (\sqrt{9} + 754)^{3-0!}. \\
574901 &= (\sqrt{9} + 7!) \times (5! - (4 - 1)!) - 0!. \\
574902 &= (\sqrt{9} + 7!) \times (5! - 4 - 2 \times 0!). \\
574903 &= (\sqrt{9} + 7!) \times (5! - \sqrt{4} \times 3) + 0!. \\
580319 &= (\sqrt{9})!! \times (85 + 3!! + 1) - 0!. \\
580392 &= 9! \times 8/5 - 3!^{2+0!}. \\
583920 &= ((\sqrt{9})!! + 85 + 3!) \times (2 + 0!)!!. \\
589104 &= -(\sqrt{9})!! + (8 \times (5! - 4!))^{1+0!}. \\
590432 &= -9! + (5! + 4)^3/2 \times 0!. \\
590734 &= (9 + 7!) \times (5 \times 4! - 3) + 0!. \\
592703 &= (9 + 75)^3 - (2 \times 0)!. \\
592704 &= (9 + 75)^{4/2+0!}. \\
593280 &= 9! + (8 - 5)!! \times 320. \\
594370 &= ((-\sqrt{9} + 7!) \times (5! - \sqrt{4}) + 3) + 0!. \\
594701 &= -9 + 7! \times (5! - \sqrt{4}) - 10. \\
594710 &= (\sqrt{9})!! \times 7 \times (5! - \sqrt{4}) - 10. \\
594720 &= 9! + 7! \times (5 + 42 - 0!). \\
594730 &= 9 + 7! \times (5! - \sqrt{4}) + (3 \times 0)!. \\
596430 &= (\sqrt{9} - 6!/5)^{\sqrt{4}} \times 30. \\
597240 &= (-9 \times 7! + (5 \times \sqrt{4})!)/(2 + 0!)!. \\
598320 &= 9 \times (8! \times 5/3 - (2 + 0!)!). \\
602897 &= (\sqrt{9})!! + (8 \times 7 + 6!)^2 + 0!. \\
603479 &= (\sqrt{9} + 7!) \times (6! - \sqrt{4})/3! \times 0!. \\
603594 &= -(\sqrt{9})! - 6! + 5! \times (-4 + (3! + 0!)!). \\
603719 &= (-9 + 7!) \times 6!/3! - 1 \times 0!. \\
603729 &= (9 \times 7 + 6! - 3!)^2 \times 0!. \\
603879 &= -\sqrt{\sqrt{9^8}} + 7!/6 \times (3!! - 0!). \\
603951 &= -9 + (6! + 5!) \times (3!! - 1) \times 0!. \\
603954 &= -(\sqrt{9})! - 6! + 5! \times ((4 + 3)! - 0!). \\
604319 &= (\sqrt{9})!!/6 \times (-4 + (3! + 1)!) - 0!. \\
604729 &= 9 + (7! \times 6 - 4) \times 20. \\
604739 &= ((\sqrt{9} + 7!) - 6!/(\sqrt{4})/3! - 0!). \\
604789 &= -\sqrt{9} - 8 + 7 \times 6! \times (4 + 0!)!. \\
604791 &= -9 + 7! \times 6 \times \sqrt{4} \times 10. \\
604798 &= 9! + (8! - 7) \times 6 + 40. \\
604891 &= \sqrt{9} \times (8! + 6) \times (4 + 1) + 0!. \\
604893 &= \sqrt{9} + (8! + 6)/\sqrt{4} \times 30. \\
604921 &= ((\sqrt{9})!! + (6 + 4)!)/(2 + 1)! + 0!. \\
604923 &= (\sqrt{9})!! + (6 + 4)!/3! + 2 + 0!. \\
604935 &= 9 + 6 + 5! \times ((4 + 3)! + 0!). \\
605391 &= -9 + 6! + 5! \times ((3! + 1)! - 0!). \\
605394 &= (\sqrt{9})!! - 6 + 5! \times ((4 + 3)! - 0!). \\
607329 &= 9 + 7! \times (6! + 3)/(2 + 0!)!. \\
607439 &= -(\sqrt{9})!! + 7!/6 \times (4 + 3!!) - 0!. \\
609837 &= -\sqrt{9!/8!} + 7! \times (6!/3! + 0!). \\
613089 &= (9!/(8 \times 6!) + 3!!)^{1+0!}. \\
615390 &= (\sqrt{9} + 6! + 5!) \times (3!! + 10). \\
624980 &= 9! + 8^6 - 4! - 20. \\
634905 &= -9 + (6 + 5!) \times ((4 + 3)! - 0!). \\
634907 &= (9! - 76)/4 \times (3! + 0)!. \\
635049 &= 9 + (6 + 5!) \times (4 + 3)! \times 0!. \\
639240 &= 9! + (-6 + 4!)^3 \times 20. \\
670329 &= 9 + 7! + (6 + 3)!/(2 + 0!)!!. \\
673920 &= 9!/7 \times 6 + (3^2)! \times 0!. \\
684930 &= (9 + 8) \times ((\sqrt{64})! - 30). \\
690471 &= -9 + 7! \times (6 \times (4! - 1) - 0!). \\
690481 &= ((\sqrt{9})!! \times 8 - 6) \times (4 + 1)! + 0!. \\
690742 &= -9! + 7! + 6 + \sqrt{4^{20}}. \\
690841 &= (-\sqrt{9} + 8 \times 6!) \times (4 + 1)! + 0!. \\
691204 &= (9! - 6! \times 4! + 2) \times (1 + 0)!. \\
693120 &= 96 \times (3!! + 2) \times 10. \\
694530 &= 9! - 6 - 5! + 4!^{3+0!}. \\
697430 &= 97 \times (6 + 4) \times (3!! - 0)!. \\
702964 &= (\sqrt{9})!! + (7!/6 - \sqrt{4})^2 \times 0!. \\
703921 &= (((\sqrt{9})! - 7!)/(3 \times 2))^{1+0!}. \\
703926 &= (\sqrt{9})! + ((7! - 6)/3!)^2 - 0!. \\
705894 &= (\sqrt{9!/8!})! \times 7^{(5!/40)!}. \\
706319 &= (\sqrt{9})!! + (7!/6)^{3-1} - 0!. \\
708964 &= ((\sqrt{9})! - 8 - 7!/6)^{\sqrt{4}} \times 0!. \\
709345 &= ((\sqrt{9})! + 7! - 5!) \times 4! \times 3! + 0!. \\
710649 &= (\sqrt{9} + 7!/6)^{4-1-0!}. \\
714960 &= (9! - 7! - 6!/(\sqrt{4})) \times (1 + 0)!. \\
715920 &= (9! - 7! + 5!) \times (2 - 1 \times 0). \\
715930 &= (9! - 7! + 5^3) \times (1 + 0)!. \\
724309 &= (9! - (7 - 4)!! - 3!) \times 2 + 0!. \\
725039 &= 9! \times (7 - 5) - (3 \times 2)! - 0!. \\
725049 &= 9 \times ((7! - 5) \times 4^2 + 0)!. \\
725094 &= (9 + (7! - 5) \times 4!) \times (2 + 0!)!. \\
725309 &= (9! - 75 \times 3) \times 2 - 0!. \\
725409 &= (9! - 7 \times 5^{\sqrt{4}}) \times 2 - 0!. \\
725903 &= (9! + 75 - 3) \times 2 - 0!. \\
725904 &= (9!/7! + (5 + 4)!) \times 2 \times 0!. \\
725910 &= (9! + 75) \times 2 + 1 \times 0. \\
726039 &= 9! + 7!/(6 \times 3!) \times 2 - 0!. \\
726049 &= (\sqrt{9} \times 7! + 6) \times 4! \times 2 + 0!.
\end{aligned}$$

$$\begin{aligned}
726918 &= (\sqrt{9})! \times ((8 + 7!) \times (6 - 2)! + 1). \\
729130 &= (9! + 7!/3) \times 2 + 10. \\
730469 &= (\sqrt{9})! \times (7^6 + 4^3) - 0!. \\
730945 &= ((\sqrt{9})! + 7! - 5) \times (4! \times 3! + 0!). \\
731095 &= ((\sqrt{9})! + 7!/5) \times (3!! + 1) + 0!. \\
732960 &= (9! + 7! - 6! - 3!!) \times 2 \times 0!. \\
734590 &= (9! + 7! - 5^4) \times (3 - 0!). \\
735910 &= (9! + 7 \times (5 + 3!!)) \times (1 + 0!). \\
735920 &= (9! + 7! + 5!/3) \times 2 \times 0!. \\
740892 &= ((\sqrt{9})! \times 8! + 7! + 4) \times (2 + 0!). \\
742590 &= (((\sqrt{9})! + 7)^5 + \sqrt{4}) \times 2 \times 0!. \\
743059 &= (\sqrt{9} + (7! + 5!) \times 4!) \times 3! + 0!. \\
743095 &= (9 + (7! + 5!) \times 4!) \times 3! + 0!. \\
743905 &= ((\sqrt{9})! + 7! + 5!) \times 4! \times 3! + 0!. \\
745920 &= 9! + 7! \times (5! - 4! - 20). \\
749280 &= (9! + 8! \times 7/4!) \times 2 \times 0!. \\
749520 &= (9 + 7!/5 + 4!) \times (2 + 0!)!!. \\
761049 &= 9 + 7! \times (6 \times (4! + 1) + 0!). \\
762049 &= \sqrt{9} \times (7!/(6 + 4))^2 + 0!. \\
763920 &= (\sqrt{9})!! \times (\sqrt{7^6} + 3!! - 2 \times 0!). \\
781490 &= ((-\sqrt{9} + 8)^7 + 4!) \times 10. \\
786409 &= \sqrt{9} \times (8!/7!)^6 - 4! + 0!. \\
790321 &= ((\sqrt{9})!! + (7 + 3!)^2)^{1+0!}. \\
791280 &= 9! + (8! + 7!/2) \times 10. \\
792480 &= (-\sqrt{9})!! + 8 \times 7! + 4!) \times 20. \\
792860 &= (\sqrt{9})!! + (8! + 7 - 6!) \times 20. \\
796308 &= (9! + 8! - 7! - 6) \times (3 - 0!). \\
801792 &= 9 \times 87 \times 2^{10}. \\
803519 &= (-\sqrt{9})!! + 8! \times 5) \times (3 + 1) - 0!. \\
803529 &= -9 \times (8! - (5! \times 3)^2 - 0!). \\
806249 &= 9 + (8! - \sqrt{64}) \times 20. \\
806329 &= (9! + 8! - 6 \times 3!) \times 2 + 0!. \\
806391 &= -9 + 8! \times 6/3 \times 10. \\
806392 &= -9 + 8! \times (6 \times 3 + 2) + 0!. \\
806394 &= (9! + 8!) \times (6 - 4) - 3! \times 0!. \\
806397 &= -\sqrt{9} + 8! \times (7 \times (6 - 3) - 0!). \\
806497 &= (9! + 8 \times (7! + 6)) \times \sqrt{4} + 0!. \\
807926 &= (\sqrt{9})! + (8! + 76) \times 20. \\
813960 &= ((\sqrt{9})!! + 8!)/6 \times ((3! - 1)! - 0!). \\
816490 &= 9!/8 \times (-6 + 4!) + 10. \\
817290 &= \sqrt{\sqrt{9^8}} \times (7! \times 2 + 10). \\
819350 &= ((\sqrt{9})! + 8^5) \times ((3 + 1)! + 0!). \\
820794 &= -(\sqrt{9})! + (8! + (7 - 4)!!) \times 20. \\
820937 &= -\sqrt{9} + (8! + 7 + 3!!) \times 20. \\
829460 &= (\sqrt{9})! \times 8 \times 6! \times 4! + 20. \\
830591 &= 9 \times (8 + 5!) \times (3!! + 1) - 0!. \\
830592 &= 9 \times (8 + 5!) \times ((3 \times 2)! + 0!). \\
835920 &= 9 \times ((8 + 5!) \times 3!! + (2 + 0!)!!). \\
840169 &= ((\sqrt{9})!^8 + 6!)/\sqrt{4} + 1 \times 0!. \\
840967 &= 9! - 8! + 7 + 6!^{\sqrt{4}} \times 0!. \\
846709 &= \sqrt{9} \times 8! \times 7 - 6 - 4 - 0!. \\
846930 &= \sqrt{9} \times (8! + 6 + 4) \times (3! + 0!). \\
852930 &= \sqrt{9^8} \times 5 \times (3! + 20). \\
861902 &= (\sqrt{9} + 8! + 6!) \times 21 - 0!. \\
870912 &= \sqrt{9} \times 8! \times 72/10. \\
893024 &= (9!/(8^{\sqrt{4}} \times 3!))^2 - 0!. \\
893025 &= (9 + 8 \times (5! - 3))^2 \times 0!. \\
893760 &= 98 \times 76 \times (3! - 0!)!. \\
894320 &= \sqrt{9^{8+4}} + (3^2)! - 0!. \\
895103 &= (-9! + 8! \times 5!)/(3! - 1) - 0!. \\
895104 &= (-9! + 8! \times 5!) \times \sqrt{4}/10. \\
896302 &= (-98 + 6!) \times (3!! \times 2 + 0!). \\
897120 &= ((\sqrt{9})!! - 8) \times 7!/(2 + 1 + 0!). \\
906473 &= -(\sqrt{9})!! - 7 + (6 + 4)!/(3 + 0!). \\
906478 &= -(\sqrt{9})!! + (-8 + 7! \times 6!)/4 \times 0!. \\
906487 &= -(\sqrt{9})!! + 8 + 7! \times 6!/4 - 0!. \\
907128 &= 9 \times (-8 + 7! \times 2 \times 10). \\
907248 &= ((\sqrt{9})!!/8 \times 7! + 4!) \times 2 \times 0!. \\
907254 &= 9 \times (7! \times 5 \times 4 + (2 + 0!)!). \\
907263 &= 9 \times 7 \times ((6!/3!)^2 + 0!). \\
907345 &= (\sqrt{9})! \times (7! \times 5 + 4) \times 3! + 0!. \\
907435 &= (9 \times 7^5 - 4!) \times 3! + 0!. \\
907523 &= (9 + 7! \times 5) \times 3!^2 - 0!. \\
908637 &= -\sqrt{9} + (8 + 7!) \times 6 \times 30. \\
908647 &= (\sqrt{9})! + (8 + 7!) \times 6!/4 + 0!. \\
914380 &= ((9! - 8)/4 + 3!!) \times 10. \\
914760 &= 9 \times 7!/6 \times ((4 + 1)! + 0!). \\
917280 &= ((\sqrt{9})!! + 8) \times 7!/(2 + 1 + 0!). \\
918540 &= \sqrt{9^8} \times (5! + \sqrt{4} \times 10). \\
921580 &= ((\sqrt{9})!! \times (8 + 5!) - 2) \times 10. \\
923584 &= -9! + (8! - 5! + \sqrt{4}) \times 32. \\
925704 &= (-9 + 7!) \times (5! + 4^{2+0!}). \\
927360 &= (9 - 7 + 6)! \times (3 + 20). \\
927408 &= 9! + (8! \times 7 + 4!) \times 2 \times 0!. \\
928034 &= (\sqrt{9})!! + (8! - \sqrt{4}) \times (3 + 20). \\
930258 &= ((\sqrt{9})! + 8! + 5!) \times (3 + 20). \\
930528 &= \sqrt{(\sqrt{9})!^8} \times (5! \times 3! - 2 \times 0!). \\
931680 &= \sqrt{(\sqrt{9})!^8} \times 6! - 3!! \times (1 + 0!). \\
932401 &= (\sqrt{9})!^4 \times 3!! - (2 + 1)!! + 0!. \\
932406 &= (\sqrt{9})! + 6^4 \times 3!! - (2 + 0!)!!. \\
932640 &= ((\sqrt{9})!^6 - 4 \times 3!) \times 20. \\
934560 &= (9 \times 6!/5 + \sqrt{4}) \times 3!! \times 0!. \\
935620 &= ((\sqrt{9})!^6 + 5^3) \times 20. \\
935640 &= (-\sqrt{9} + 6^5 + 4!) \times (3! - 0!)!. \\
936720 &= -(\sqrt{9})!! + 7! \times 6 \times (32 - 0!). \\
937024 &= (974 - 3!)^2 \times 0!. \\
937160 &= (-9 + 7! \times 6) \times 31 - 0!. \\
938160 &= (\sqrt{9})!! \times (8 + 6^{3+1} - 0!). \\
938170 &= \left( \sqrt{(\sqrt{9})!^8} + 7 \right) \times 3!! + 10. \\
945360 &= (9! + 6!)/5 \times (4 \times 3 + 0!). \\
945620 &= ((\sqrt{9})!^6 + 5^4) \times 20. \\
947510 &= 9! + 7! \times (5! - 4) - 10. \\
947520 &= 9! + 7! \times (5! - 4) + 2 \times 0. \\
947820 &= (\sqrt{9})! \times (8! + 7^{4+2} + 0!). \\
953248 &= (-\sqrt{9})!! + 8! + 5!) \times 4! - 32. \\
953280 &= (\sqrt{9})!! \times (8!/(5 \times 3!)) - 20). \\
953640 &= \sqrt{(\sqrt{9})!^6} \times (-5^4 + (3! + 0!)!). \\
954032 &= (\sqrt{9})!! + (5! + 4)^3/2 \times 0!. \\
954360 &= (\sqrt{9} + 6!) \times 5! \times (4 \times 3 - 0!). \\
958320 &= \sqrt{(9 - 8 + 5!)^3} \times (2 + 0!)!!. \\
960481 &= ((\sqrt{9})!! + 8! + 6!) \times (4! - 1) + 0!.
\end{aligned}$$

$$\begin{aligned}
963504 &= -(\sqrt{9})!! + 6^5 \times (4 + (3! - 0!)!). \\
965340 &= (9 + 6^5) \times (4 + (3! - 0!)!). \\
967104 &= (-\sqrt{9} + 7!) \times 6 \times \sqrt{\sqrt{4^{10}}}. \\
967128 &= -(\sqrt{9})!! + (8! + 7) \times (6 - 2 \times 1)!. \\
967830 &= (\sqrt{9})! + (8 \times 7! + 6) \times (3 + 0!)!. \\
967840 &= -9 + (8! + 7) \times 6 \times 4 + 0!. \\
968034 &= (9 + 8! + 6) \times 4! - 3! \times 0!. \\
970368 &= (9! - 8! \times (7 - 6!))/30.
\end{aligned}$$

$$\begin{aligned}
971028 &= \sqrt{9^8} \times (7 \times 21 + 0!). \\
971520 &= ((\sqrt{9})! \times 7! + 5!) \times \sqrt{2^{10}}. \\
973204 &= 9! + (7! + 4) \times ((3 + 2)! + 0!). \\
975024 &= (\sqrt{9})! \times (7! + 54^{2+0!}). \\
975240 &= 9 \times (7! + 5!) \times (4! - 2 - 0!). \\
976320 &= ((\sqrt{9})!! - 7 \times 6) \times 3!! \times 2 \times 0!. \\
984072 &= ((\sqrt{9})!! + 8! - 7) \times 4! - (2 + 0!)!!. \\
984260 &= -(\sqrt{9})!! + (8! + 6!) \times 4! + 20. \\
987120 &= -(\sqrt{9})!! + 8! \times 7^2/(1 + 0!).
\end{aligned}$$

## 5.6. Seven Digits

### • Increasing order

$$\begin{aligned}
1254786 &= ((1 + 2 + 4)^5 - 6!) \times 78. \\
1286573 &= -1 + 23 \times (5^6 - 7 + 8!). \\
1286574 &= (-1 + 24) \times (5^6 - 7 + 8!). \\
1286735 &= 1 \times 23 \times (5^6 + 7! \times 8). \\
1346582 &= 12 + 34 \times (5 - 6! + 8!). \\
1347528 &= (1 + (2 \times 3)! \times 4! - 5) \times 78. \\
1347852 &= 12 + 3! \times 4! \times 5! \times 78. \\
1347862 &= -1 + 23 + 4! \times 6! \times 78. \\
1348576 &= (1 - 3 + 45 \times 6) \times (7! - 8). \\
1365784 &= 1 \times \sqrt{(34 - 5)^6} \times 7 \times 8. \\
1386257 &= 12 - 35 \times (6! - 7 - 8!). \\
1572468 &= -12 + (45 - 6) \times 7! \times 8. \\
1574628 &= -12 + 45 \times 6^7/8. \\
1574638 &= 1 - 3 + 45 \times 6^7/8. \\
1625478 &= 1 + (2 - 45 + 6!) \times \sqrt{7^8}. \\
1635842 &= 1 \times 2 + 3!! \times 4 \times 568. \\
1658432 &= (12 \times 3!! \times 4! - 56) \times 8. \\
1743826 &= -(1 + 2)! + 346 \times 7! - 8. \\
1753824 &= 12 \times ((34 - 5) \times 7! - 8). \\
1854732 &= 12 + (34 + 5 + 7) \times 8!. \\
1856473 &= 13^4 \times 5 \times (6 + 7) + 8. \\
1857342 &= (12 + 34) \times (57 + 8!). \\
1875243 &= (1 + 2) \times (3^4 + 5^7 \times 8). \\
2136587 &= -1 \times 2 + (-3 + 56) \times (-7 + 8!). \\
2137568 &= (12 + (3 + 5)^6 + 7!) \times 8. \\
2378154 &= -(1 + 2)! - 3!! + (\sqrt{4} + 57) \times 8!. \\
2487615 &= 12^4 \times 5! - 6! + 7 + 8. \\
2513847 &= 1 \times (23 + 4^5) \times \sqrt{7^8}. \\
2573184 &= -1 \times 2^{3!} \times (\sqrt{4} \times 57 - 8!). \\
2583617 &= 1 + 2^{3!} \times (56 - 7 + 8!). \\
2718456 &= 12 \times (45 \times (-6 + 7!) + 8). \\
3461758 &= (1 \times 34 - 5!) \times (67 - 8!). \\
3467518 &= 1 - 3 + (4! - 5 + 67) \times 8!. \\
3548162 &= 12!/(3 \times 45) - 6 + 8. \\
3628714 &= -1 \times 2^3 + (4 + 6)! - 78. \\
3684571 &= 1 + (3! + 4)! + (-5 + 6!) \times 78. \\
3871256 &= (12 \times (3 + 5)! + 67) \times 8. \\
4276815 &= 12!/(4 \times 56) + 7 + 8. \\
4758631 &= 13 \times ((4 + 5)! + 67) + 8!. \\
4782361 &= 1 - (2 + 3)! \times (467 - 8!). \\
4826731 &= (12 - 3 + 4)^6 - 78. \\
4831572 &= 12 - (3 + \sqrt{4})! \times (57 - 8!). \\
4831657 &= 1 + 3!^4 - 5! \times (67 - 8!). \\
4837152 &= -12 \times 34 + 5! \times (-7 + 8!). \\
4876321 &= -1234 \times 6! + 7^8.
\end{aligned}$$

$$\begin{aligned}
5321784 &= (12!/(3 \times \sqrt{4})! - 57) \times 8. \\
5348761 &= 1 + 3!!\sqrt{4} - 5! \times (67 - 8!). \\
5736184 &= -13^4 - 56 + 7^8. \\
5738162 &= 1 - (2 + 35) \times 6! + 7^8. \\
5748126 &= (1 - 24) \times (5 + 6!) + 7^8. \\
5764128 &= 1 \times 2 + 45 - 6! + 7^8. \\
5764138 &= -13 \times (45 + 6) + 7^8. \\
5764183 &= (13 + 4 - 5!) \times 6 + 7^8. \\
5764821 &= 1 \times 24 \times 5/6 + 7^8. \\
5764831 &= (1 + 3) \times 45/6 + 7^8. \\
5781246 &= (1 - 24) \times (5 - 6!) + 7^8. \\
5781362 &= 1 + 23 \times 5! \times 6 + 7^8. \\
6417528 &= 12 \times ((4 + 5)^6 - 7) + 8!. \\
6438712 &= ((1 + 2)^3 - 4) \times (6^7 + 8). \\
6718352 &= (1^2 - 3 \times (5 - 6^7)) \times 8. \\
6718432 &= -1 - 23 + 4! \times 6^7 - 8. \\
6718452 &= -12 + 4 \times (5 - 6 + 7)^8. \\
6718524 &= (1 + 2) \times (4 \times 5 + 6^7 \times 8). \\
6721548 &= 12 + 4! \times (5! + 6^7 + 8). \\
6732481 &= (1 + 23) \times (\sqrt{4} + 6!) + 7^8. \\
6741853 &= 1 + (34 + 5! \times 6!) \times 78. \\
6784512 &= 1 \times 24 \times 56 \times (7! + 8). \\
7184652 &= (1 + 2^4)^5 - 6 + 7^8. \\
7612384 &= 1 \times 2 \times (34 + 6!) \times (7! + 8). \\
8164752 &= (1 + 2)! \times (45 \times 6) \times 7! - 8.
\end{aligned}$$

$$\begin{aligned}
1238976 &= 12^3 \times (6! - \sqrt{\sqrt{78} + \sqrt{9}}). \\
1239784 &= 123 \times \sqrt{4} \times 7! - 8!/(9!)!. \\
1249857 &= 1 + 2^4 \times (5\sqrt{\sqrt{7^8}} - 9). \\
1249875 &= (12 + 4) \times (5^7 - 8) + \sqrt{9}. \\
1265394 &= 12 + 3^4 \times (5^6 - \sqrt{9}). \\
1265794 &= 1 + (245 + 6) \times (7! + \sqrt{9}). \\
1274695 &= (12 - 4)! + 5^6 \times 79. \\
1285397 &= -123 - 5 \times (7! - 8^{(\sqrt{9})!}). \\
1287359 &= -1 + 2 \times (3!! \times 5 \times 78 + 9!). \\
1295763 &= (1 + 2) \times ((3!! - 5!) \times 6! - 79). \\
1325849 &= 123\sqrt{4} + 5 \times 8^{(\sqrt{9})!}. \\
1327594 &= -1 + (-2 + (3 + 4)^5) \times 79. \\
1328769 &= 123 \times (6! \times (7 + 8) + \sqrt{9}). \\
1345769 &= (13 + 4)^5 - (6 \times 7)^{\sqrt{9}}. \\
1345968 &= (-1 + 3!!) \times 4! \times (-5 - 6 + 89). \\
1347689 &= -1 - 3! + 4! \times (6! \times 78 - (\sqrt{9})!). \\
1347698 &= \sqrt{1 + 3} - 4! \times (6 - 78 \times (\sqrt{9})!). \\
1347829 &= -1 \times 2 + 3!! \times 4! \times 78 - 9. \\
1347958 &= 1 - 3 + 4! \times (5 + 78 \times (\sqrt{9})!).
\end{aligned}$$

$$\begin{aligned}
1347986 &= -1 + 3 + 4! \times (6! \times 78 + (\sqrt{9})!). \\
1348679 &= 1 + 34 \times (67 + 8! - (\sqrt{9})!). \\
1348795 &= (-1 + 3 \times (\sqrt{4! + 5! + 7!})) \times 89. \\
1352896 &= 1 + 235 \times (6! \times 8 - \sqrt{9}). \\
1356894 &= (1 + (3 + \sqrt{4})!) \times (5! + 6) \times 89. \\
1358496 &= (-1 - 3!!/\sqrt{4 + 5^6}) \times 89. \\
1369758 &= (-1 + 35) \times (-6 \times 7 + 8! + 9). \\
1374596 &= -1 - 3 + 4! \times (5 + 6!) \times 79. \\
1376248 &= (-1 + 2^{3 \times 4} \times 6 \times 7) \times 8. \\
1378549 &= 13 \times (4 + 5^7) - 8 + 9!. \\
1389245 &= (-1 + (2 \times 3!)^4) \times (58 + 9). \\
1394628 &= -12 + (34 \times (6! + 8!) - (\sqrt{9})!). \\
1395784 &= 13 \times 4! \times (-57 + 8!)/9. \\
1423968 &= ((1 + 2)!! \times 3 + 4!) \times (-68 + (\sqrt{9})!). \\
1453796 &= (1 + 3) \times (\sqrt{4} + 567 + 9!). \\
1453962 &= (1 + 23 \times 4) \times (5^6 + 9). \\
1453968 &= (1 + 3) \times ((4 + 5) \times 68 + 9!). \\
1459728 &= 12 \times (4 \times 57 + 8!) \times \sqrt{9}. \\
1459768 &= \sqrt{(1 - \sqrt{4^5})^6} \times \sqrt{\sqrt{7^8} + 9}. \\
1467932 &= 12/3 \times (4^6 + 7 + 9!). \\
1478592 &= 12 \times 4! \times (5 + 7! + 89). \\
1489367 &= (13 + 4!) \times (-67 + 8!) + (\sqrt{9})!. \\
1495823 &= 1^2 \times (3 + 4)^5 \times 89. \\
1496358 &= 1 + ((3 + 4)^5 + 6) \times 89. \\
1538496 &= (1 + 3)! \times (4! + 5! \times 6 \times 89). \\
1543679 &= -1 + (3 + 4! + 5) \times 67 \times (\sqrt{9})!. \\
1549863 &= ((1 - 3!!)^{\sqrt{4}} - 5 \times 68) \times \sqrt{9}. \\
1562497 &= -1 - 2 + 4 \times 5^{6-7+9}. \\
1562973 &= (-1 + (2 \times 3)^5 \times 67) \times \sqrt{9}. \\
1578496 &= ((1 + 4)^5 - 6 \times 7) \times 8^{\sqrt{9}}. \\
1594367 &= 13^4 \times 56 - 7! - 9. \\
1594386 &= (13 + (4 + 5)^6 + 8) \times \sqrt{9}. \\
1594836 &= 1 + 3 \times (4 + 5)^6 + 8^{\sqrt{9}}. \\
1596728 &= (12 - 5) \times (6^7 + 8) - 9!. \\
1627593 &= ((1 + (-2 + 3!))!^5 - 67)/(\sqrt{9})!. \\
1632879 &= (1 - 2 + 36 \times 7! - 8) \times 9. \\
1632897 &= (1^2 + 36 \times 7! - 8) \times 9. \\
1632957 &= (-12 + 3! \times 56) \times 7! - \sqrt{9}. \\
1632958 &= -1 \times 2 + 35 \times \sqrt{\sqrt{6^{8 \times \sqrt{9}}}}. \\
1632978 &= 12 + 36 \times (7! + 8!) + (\sqrt{9})!. \\
1635849 &= 1 \times 3!! \times 4 \times 568 + 9. \\
1649375 &= (-1 + 3! + 4!) \times (-5 + 6! \times 79). \\
1653489 &= (13 \times 4 - 5 - 6) \times (8! + 9). \\
1679348 &= -1 + 3 \times (\sqrt{4} \times 6^7 - 89). \\
1679382 &= (12 \times 3!^6 - 78) \times \sqrt{9}. \\
1679384 &= 1 - 3! \times (4! - 6^7) - 89. \\
1679425 &= 1 + 2 \times (-\sqrt{4^5} + 6^7) \times \sqrt{9}. \\
1679523 &= (-1 + 2 \times (-3 \times 5 + 6^7)) \times \sqrt{9}. \\
1679523 &= -123 + (5 + 6^7) \times (\sqrt{9})!. \\
1679543 &= (1 + 3!^{\sqrt{4+5}}) \times 6 - 79. \\
1682394 &= -123 \times (\sqrt{4} - (6! + 8!)/\sqrt{9}). \\
1684379 &= 13^4 \times (67 - 8) - (\sqrt{9})!. \\
1684793 &= -1 + 3!! \times (4! + 6) \times 78 - (\sqrt{9})!. \\
1684795 &= -1 - 4 + 5 \times 6! \times 78 \times (\sqrt{9})!. \\
1685394 &= (13^4 + 5) \times (68 - 9). \\
1692738 &= (-123 + 6 + 7 \times 8!) \times (\sqrt{9})!. \\
1693487 &= (-1 + (3! + \sqrt{4})!) \times 6 \times 7 + 89. \\
1693572 &= (-1 + 23 + 56 \times 7!) \times (\sqrt{9})!. \\
1693574 &= 134 + 56 \times 7! \times (\sqrt{9})!. \\
1693578 &= 135 + 6 \times 7 \times 8! + \sqrt{9}. \\
1693728 &= (12 + 36 + 7 \times 8!) \times (\sqrt{9})!. \\
1693827 &= 12 - 3 + 6 \times 7 \times (8! + 9). \\
1693872 &= (12 + 36) \times (-7! + 8! + 9). \\
1697832 &= (12 + (\sqrt{36})! + 7 \times 8!) \times (\sqrt{9})!. \\
1723689 &= (1 + 2)!! \times 3 \times (6! + 78) + 9. \\
1723698 &= (1 + 2) \times (3! + (6! + 78) \times (\sqrt{9})!). \\
1725439 &= (1 + (2 + 3!!/4) \times 5!) \times 79. \\
1728695 &= -1 - (\sqrt{\sqrt{256}})! + \sqrt{7^8} \times (\sqrt{9})!. \\
1734659 &= -1 + 345 \times (-6 + 7! - (\sqrt{9})!). \\
1735694 &= -1 + 345 \times (6! \times 7 - 9). \\
1736459 &= -1 - 3!^{\sqrt{4}} \times (5 - 67 \times (\sqrt{9})!). \\
1736928 &= 12 \times (3!! \times 67 + 8) \times \sqrt{9}. \\
1739654 &= -1 + (3!! \times 4 + 5) \times 67 \times 9. \\
1753926 &= 12 \times (35 - 6) \times 7! + (\sqrt{9})!. \\
1782359 &= 1 - 2 + 3 \times 5! \times (7! - 89). \\
1792458 &= -1 \times 2 + 4 \times (-5 + 7!) \times 89. \\
1793526 &= (1 + 2)! + 356 \times 7! - (\sqrt{9})!. \\
1794238 &= 1^2 - 3 + 4 \times 7! \times 89. \\
1794258 &= -1 \times 2 + 4 \times (5 + 7! \times 89). \\
1794328 &= -1 + (-2 + 3 + 4 \times 7!) \times 89. \\
1794685 &= (1 - 4 \times (5 - 6 - 7!)) \times 89. \\
1794863 &= (1^3 + 4 \times 6!) \times 7 \times 89. \\
1795842 &= 1 \times (-2 + 4 \times (5 + 7!)) \times 89. \\
1796384 &= (1 + 3) \times (\sqrt{4} + (6 + 7!) \times 89). \\
1798532 &= 1 + 23 \times (5^7 + 8 \times 9). \\
1834569 &= (1 + 3!)! \times (4! + 5 \times 68) + 9. \\
1837495 &= 1 + (3! + 4 \times (5! + 7!)) \times 89. \\
1853279 &= -1 + (-2 + 35) \times 78 \times (\sqrt{9})!. \\
1854927 &= (1 - 24) \times ((5 - 7) \times 8! - 9). \\
1856479 &= 14 + 5 \times (6 + 7)^{8-\sqrt{9}}. \\
1859376 &= 1^3 + 5^6 \times 7 \times (8 + 9). \\
1874592 &= 1 \times 24 \times (5^7 - 8 - 9). \\
1874925 &= (-1 - 24 + 5^7 \times 8) \times \sqrt{9}. \\
1874935 &= (-1 + 3 \times (-\sqrt{4} + 5^7)) \times 8 - 9. \\
1874952 &= -12 \times 4 + 5^7 \times 8 \times \sqrt{9}. \\
1874953 &= 1^3 - (\sqrt{4} - 5^7) \times 8 \times \sqrt{9}. \\
1894536 &= -(13 - 4)! + 56 \times (8! - 9). \\
1895372 &= (12 + 35) \times (7 + 8!) + \sqrt{9}. \\
1895463 &= (13 + 4 + 5 \times 6) \times (8! + 9). \\
1897463 &= -1 - 3!! + 4 \times (-6 + 78^{\sqrt{9}}). \\
1923468 &= (12 + 3!! \times (4! + 6)) \times 89. \\
1925384 &= 12/3 + 4 \times 5^8 + 9!. \\
1927635 &= 123 \times 5^6 + 7! + (\sqrt{9})!. \\
1935247 &= 1 + ((2^3)! - \sqrt{4}) \times 57 - 9!. \\
1935687 &= (13 - 5) \times 6 \times (7 + 8!) - 9. \\
1935762 &= (1 + 2)! \times (-3 + 5)! + 67 + 9!). \\
1935768 &= (13 - 5) \times 6 \times (7 + 8!) + 9. \\
1938576 &= (13 - 5) \times (67 + 8!) \times (\sqrt{9})!. \\
1938762 &= (-1 + 2^3!) \times 6 \times (7! + 89). \\
1945728 &= -(1 + 2)! + 4!)^5 + 78 \times (\sqrt{9})!. \\
1946875 &= (1 + 4!) \times \sqrt{5^6} \times 7 \times 89. \\
1948536 &= ((-1 + 3!)! + 4) \times (5^6 + 89). \\
1953246 &= 123 - \sqrt{4} + 5^{6+\sqrt{9}}.
\end{aligned}$$



$$\begin{aligned}
1953248 &= 123 + (\sqrt{4} - 5 + 8)^9. \\
1953648 &= 1 \times (-3! + 4!)^5 + 6! \times 89. \\
1953687 &= (13^5 + 6\sqrt{\sqrt{78}}) \times \sqrt{9}. \\
1953748 &= (-1 + 3!)^{4+5} + 7 \times 89. \\
1953847 &= 1 \times 3!! + \sqrt{4} + 5\sqrt{78+\sqrt{9}}. \\
1967235 &= 123 \times 5^6 + 7! \times 9. \\
1974253 &= 1 + (2 + 3!! \times 457) \times (\sqrt{9})!. \\
1984326 &= (1 + 2)! + 3!! \times 4 \times 689. \\
1984536 &= (-1 + 345) \times (6! \times 8 + 9). \\
1986473 &= -1 - 3! + (4! \times 6! + 7!) \times 89. \\
2146795 &= -1 \times 245 + 6 \times (-7! + 9!). \\
2164935 &= -12345 + 6 \times 9!. \\
2173896 &= 12 \times (36 \times (7! - 8) + (\sqrt{9})!). \\
2174539 &= 1 - 2 \times 3 \times (457 - 9!). \\
2175948 &= (1 + 2)! \times (-4! - 5! - 78 + 9!). \\
2175984 &= 12 \times 4 \times (5 + 7! - 8) \times 9. \\
2176493 &= (1 + 2)! \times (\sqrt{3^4})! - 67 - (\sqrt{9})!!. \\
2176849 &= 1 + (2 + 4) \times (6 - 78 + 9!). \\
2176938 &= 12 \times 3 - 6 \times (7 - 8!) \times 9. \\
2176945 &= (1 + 2 \times 4)! + 5 \times (-67 + 9!). \\
2178469 &= 1 + (2 + 4)! + 6 \times (78 + 9!). \\
2178936 &= (1 \times 23 + 6 \times 7!) \times 8 \times 9. \\
2179368 &= -(1 + 2)!! + 3! \times (6 \times 78 + 9!). \\
2179386 &= 12^3 + 6 \times (7 + 8!) \times 9. \\
2189376 &= 12 \times (36 \times (7! + 8) + (\sqrt{9})!). \\
2345896 &= (2 - (3 \times \sqrt{4})! \times 5) \times (68 - (\sqrt{9})!). \\
2349168 &= (-1 + 2 \times 3!!) \times 4! \times 68 + (\sqrt{9})!!. \\
2358714 &= -(1 + 2)! + 3! \times (\sqrt{4} + 5)! \times 78. \\
2358791 &= -1 + (2^{3 \times 5} - 7) \times 8 \times 9. \\
2379541 &= (-1 + (2^3)!) \times (\sqrt{4} + 57) + (\sqrt{9})!!. \\
2385961 &= 1 + ((2^3)! + 5!) \times (68 - 9). \\
2418936 &= 12 - 3! \times (46 - 8! - 9!). \\
2418956 &= 1 - 245 + 6 \times (8! + 9!). \\
2458971 &= (1^2 \times 4 + 57) \times (8! - 9). \\
2479681 &= 1 + 246 \times 7! \times (8 - (\sqrt{9})!). \\
2519367 &= -12 - 3 \times (5 - 6^7) \times \sqrt{9}. \\
2519376 &= (1 - 2) \times (3 + (5 - 6^7) \times 9). \\
2519467 &= 12 \times 4 - 5 + 6^7 \times 9. \\
2519476 &= 1 + 2 + 4 + (5 + 6^7) \times 9. \\
2519487 &= (-1 + (2 \times \sqrt{4+5})^7 + 8) \times 9. \\
2519736 &= -1 - 2 + (35 + 6^7) \times 9. \\
2539471 &= 1 - 2 \times 345 + 7 \times 9!. \\
2539817 &= (-1 + 2^3) \times (-57 + 8 + 9!). \\
2547319 &= ((12 - 3)! + 4^5) \times 7 - 9. \\
2653197 &= (-(1 + 2)!! + (3 + 5)!) \times 67 - \sqrt{9}. \\
2681953 &= ((1 - 23 + 5)^6 + 8)/9. \\
2691348 &= -12 + (3 + 4)! \times 6 \times 89. \\
2741856 &= (1 + 2) \times \sqrt{4^5} \times \sqrt{(6 + 7)^8}. \\
2749681 &= 12^4 + 67 \times (8! + (\sqrt{9})!). \\
2781943 &= 1 + ((2^3)! - \sqrt{4}) \times (78 - 9). \\
2875391 &= -1 + 2\sqrt{3!!/5} \times 78 \times 9. \\
2936148 &= -12 + 3!! \times 46 + 8 \times 9!. \\
2983176 &= 12^{3!} - 6 \times 78 \times (\sqrt{9})!. \\
2983671 &= (1 + 2 \times 3 + 67) \times 8! - 9. \\
2985316 &= 12^{3!} + 5! - 68 - (\sqrt{9})!!. \\
2985713 &= 12^{3!} - 5 \times 7 \times 8 + 9. \\
2986173 &= 12^{3!} + (6 + 7 + 8) \times 9. \\
2986713 &= 12^{3!} + 6! + \sqrt{78 + \sqrt{9}}. \\
3124895 &= -1 + 2^3 \times (-4 + 5^8 - 9). \\
3124958 &= -1 - 2^3 \times (4 - 5^8) - 9. \\
3145689 &= (-13 + 4^{5 \times (-6+8)}) \times \sqrt{9}. \\
3145692 &= 12 \times (-3 + 4^9) \times (-5 + 6). \\
3145728 &= 12 \times (\sqrt{3^{\sqrt{4}} + 5})^7/8. \\
3165792 &= (12 - 3!!) \times (56 - 7!) - 9!. \\
3176459 &= -1 + (3 \times (\sqrt{4} + 5)^6 - 7) \times 9. \\
3182976 &= 1^{23} \times 6^7 + 8 \times 9!. \\
3185279 &= -1 + (2^3)! \times (-5 + 78 + (\sqrt{9})!). \\
3192468 &= -12 + 3!! \times (-46 + 8!/9). \\
3198724 &= (12 + 34 \times 7 \times 8!)/\sqrt{9}. \\
3219678 &= ((1 + 2)! + 3!^6) \times (78 - 9). \\
3265917 &= -1 - 2 + 35 \times 6^7/\sqrt{9}. \\
3271698 &= ((12 - 3)! + 6! - 78) \times 9. \\
3412957 &= -1 + (2 + 3!!/\sqrt{4} \times 5!) \times 79. \\
3415679 &= -1 + 3!! \times (4 + \sqrt{5 \times 6!} \times 79). \\
3451679 &= -1 + 3!\sqrt{4} \times 5! \times (6! + 79). \\
3467519 &= -1 + (-34 + 5!) \times (\sqrt{67 - \sqrt{9}})!. \\
3487591 &= (1 + 3!! - 4! - 5) \times 7! - 89. \\
3518279 &= -1 + ((2^3)! + 5!) \times (78 + 9). \\
3598471 &= (-1 + (3 \times \sqrt{4})! - 5) \times 7! - 89. \\
3598614 &= 13^4 \times (5! + 6) - 8 \times 9. \\
3625917 &= (-1^{235} + 6!) \times (7! + \sqrt{9}). \\
3628149 &= 1 + (2 \times 3 + 4)! + 68 - (\sqrt{9})!. \\
3628157 &= -1 + (2 + 3 + 5)! - 6! + 78. \\
3628194 &= (1 + 2)! + (3! + 4)! - 68 \times 9. \\
3628197 &= ((12 - 3)! - 67 + 8!) \times 9. \\
3628914 &= 123 + (-4 + 6 + 8)! - 9. \\
3628917 &= 123 - 6 + (-7 + 8 + 9)!. \\
3628971 &= 123 + 6! \times 7! + 8 \times (\sqrt{9})!. \\
3629174 &= (1 + 2)!! - 346 + (7 + \sqrt{9})!. \\
3629418 &= (1 + 2)! + (3! + 4)! + 68 \times 9. \\
3629517 &= -123 + 5! + 6! + (7 + \sqrt{9})!. \\
3629518 &= -1 \times 2 + 3!! + (\sqrt{5 + 6 + 89})!. \\
3678192 &= 123 \times 6 \times 7 \times (-8 + (\sqrt{9})!). \\
3681792 &= 12 \times \sqrt{36^7} - 8! + 9!. \\
3689271 &= (12 + (\sqrt{36})!) \times (\sqrt{\sqrt{\sqrt{78}}})! - 9. \\
3692817 &= 1 - 2^{3!} + 6! \times (7! + 89). \\
3692871 &= -12 + 3 + 6! \times (7! + 89). \\
3694571 &= -1 + (3!! + 4) \times 567 \times 9. \\
3712896 &= 123 \times 6 \times (7! - 8) - (\sqrt{9})!. \\
3715289 &= 1 \times (2 \times 3!) \times (5! + 7!) + 89. \\
3719625 &= 123 \times (-5 + 6 \times 7!) + (\sqrt{9})!. \\
3719654 &= 134 + (5! + 6 + 7!) \times (\sqrt{9})!. \\
3769815 &= 1 \times (3 \times 5 + 6!) \times (7! + 89). \\
3784951 &= (-1 + 3!! + \sqrt{4^5}) \times 7! - 89. \\
3789241 &= 1 + 2 \times (3 + 47 \times (8! - 9)). \\
3815976 &= (1 + 3 + 5!) \times 6 \times (7! + 89). \\
3914527 &= 1 + (-2 + (3 + 4)!) \times (57 + (\sqrt{9})!). \\
3965148 &= (-1 + 3!^4 \times 5) \times 68 \times 9. \\
3971526 &= (12 + 3!! + 56) \times 7! + (\sqrt{9})!. \\
3971826 &= ((1 + 2 \times 3)! - 6) \times 789. \\
3975841 &= 1 - 3!! + (\sqrt{4} + 5)! \times 789. \\
3982471 &= ((-1 + 23)^4 + 7) \times (8 + 9). \\
4128769 &= 1 + 2 \times 4^6 \times 7 \times 8 \times 9. \\
4139576 &= 13^4 \times 56 + 7 \times 9!.
\end{aligned}$$

$$\begin{aligned}
4152837 &= -123 + (-4! + 5! + 7) \times 8!. \\
4153679 &= -1 + 3!^4 \times 5 \times (6! - 79). \\
4192768 &= (-1 - (2 - \sqrt{46^{+7}})) \times 8^{\sqrt{9}}. \\
4193856 &= ((1 + 3!)! + 4! + 5!) \times (6! + 89). \\
4196875 &= (1 + 4)^5 \times (6! + 7 \times 89). \\
4218759 &= (1 + (2 + 4) \times 5^{\sqrt{\sqrt{7^8}}}) \times 9. \\
4259718 &= ((1 + 2^4)^5 + \sqrt{\sqrt{7^8}}) \times \sqrt{9}. \\
4352916 &= 12 \times (-3^4 - 56 + 9!). \\
4596138 &= (134 - 5!/6) \times (8! - \sqrt{9}). \\
4613759 &= -1 + (3 \times 456 + 7!) \times (\sqrt{9})!. \\
4617359 &= -1 + (3!^4 \times 5 - 67) \times (\sqrt{9})!. \\
4631759 &= -1 + (3 + 4)! \times (5! + 6! + 79). \\
4637519 &= -1 + 3!! \times ((-4! + 5!) \times 67 + 9). \\
4715893 &= 13 \times ((4 + 5)! - 7 \times (8 + 9)). \\
4718259 &= (12 - 4 + 5) \times (7 + 8!) \times 9. \\
4719285 &= (-1 + 2^{4! - 5} + 78) \times 9. \\
4758912 &= (1^{24} + 5)^7 \times (8 + 9). \\
4758913 &= 1 - (3 - 4 - 5)^7 \times (8 + 9). \\
4758916 &= 1 + \sqrt{4 + 5} + 6^7 \times (8 + 9). \\
4782951 &= 1 - 2 + (4 + 5)^7 - 8 - 9. \\
4798165 &= (1 + 4 + 56 \times 7!) \times (8 + 9). \\
4839216 &= 12 \times ((3! + \sqrt{4})! + 68 + 9!). \\
4917258 &= 1 + 2 \times 4^5 \times \sqrt{7^8} + 9. \\
4935168 &= (1 + 3 + 4)!/5 \times 68 \times 9. \\
4937516 &= (1 + 3) \times (4 + 5^6 \times 79). \\
4961328 &= 123 \times (4 + 6 + 8! + (\sqrt{9})!). \\
4985172 &= 124 \times (-5! + 7! \times 8 + \sqrt{9}). \\
5126489 &= (1 + 2^4 \times 5 \times 6!) \times 89. \\
5127839 &= -1 + (2 \times 3!! \times 5 - 78) \times (\sqrt{9})!. \\
5312497 &= 1 \times 2 \times 34 \times 5^7 - \sqrt{9}. \\
5312896 &= ((1 + 23)^5 \times 6 + 8!)/9. \\
5314689 &= 1 \times 3 \times \left( \sqrt{4} + \sqrt{\sqrt{(5 + 6)^{8 \times \sqrt{9}}}} \right). \\
5381279 &= -1 + 2 \times 3! \times (-5! + 7! \times 89). \\
5382719 &= 1 - 2 + \sqrt{3!!/5} \times 7! \times 89. \\
5397816 &= ((1 + 356) \times 7! - 8) \times \sqrt{9}. \\
5397841 &= 1 + 3!! \times ((-4! + 5!) \times 78 + 9). \\
5481792 &= 124 \times (-5! + 7! - 8) \times 9. \\
5692317 &= (-12 + 3!!) \times 5! \times 67 - \sqrt{9}. \\
5729184 &= 12 \times (4! \times 5! + 78^{\sqrt{9}}). \\
5763814 &= 13 - \sqrt{(\sqrt{4} \times 5)^6} + 7^8. \\
5764319 &= -1 + (-34 + 5! \times 67) \times (\sqrt{9})!. \\
5764891 &= 1 + 4! + 56 + 7^8 + 9. \\
5793126 &= (1 + 2)!! \times (3! + 5! \times 67) + (\sqrt{9})!. \\
5814279 &= 12^{\sqrt{4}} \times (57 + 8!) - 9. \\
5814297 &= (1 + 2^4 \times (57 + 8!)) \times 9. \\
5831279 &= -1 + (-2 + 3 \times 5) \times 7! \times 89. \\
5846391 &= (134 + 5 + 6) \times 8! - 9. \\
5861347 &= (1 + (3!! + 4) \times 5!) \times 67 + 8!. \\
5948631 &= (-1 + 3^4 \times 5! \times 68) \times 9. \\
5961738 &= (-1 + 3 + 5! \times 6!) \times (78 - 9). \\
5963178 &= 13 \times (5! - 6 + 7!) \times 89. \\
5973461 &= (-1 + 3!!) \times (4 + 5!) \times 67 + 9. \\
6219873 &= 12 \times (3!! \times 6! - 78) + 9. \\
6239148 &= 12 \times ((3!! + \sqrt{4}) \times 6! + 89). \\
6279841 &= 1246 \times 7! - 8 + 9.
\end{aligned}$$

$$\begin{aligned}
6291437 &= -1 - (2 \times 3 - (\sqrt{4} + 6)^7) \times \sqrt{9}. \\
6291453 &= (12/3 \times 4)^5 \times 6 - \sqrt{9}. \\
6291473 &= -1 + (2 \times 3 + (\sqrt{4} + 6)^7) \times \sqrt{9}. \\
6347159 &= -1 + 3^4 \times 5! \times (-67 + (\sqrt{9})!). \\
6347519 &= -1 + 3!! \times (-4 + 5!) \times (67 + 9). \\
6371429 &= (-1 + 2 \times (3! + (\sqrt{4} + 6)!)) \times 79. \\
6395184 &= ((13 - 4)!/5 - 6!) \times 89. \\
6398217 &= 1 \times 23 \times 6^7 - 8! + 9. \\
6479851 &= 1 - (\sqrt{4} - 5! \times 6!) \times (78 - \sqrt{9}). \\
6495718 &= 1 - 4 + ((5 + 6)^7 - 8)/\sqrt{9}. \\
6495721 &= (-12 + 4 + (5 + 6)^7)/\sqrt{9}. \\
6517439 &= -1 + 3!! \times (4 + 5!) \times (-6 + 79). \\
6531974 &= 134 + (5 + 6 + 7) \times 9!. \\
6531984 &= (13 + 4 - 5 + 6) \times (8 + 9!). \\
6539174 &= 1 - 3! - 4! + (5! + 67)^{\sqrt{9}}. \\
6572148 &= -12 + (-4! + 5! + 67) \times 8!. \\
6718249 &= 1 + 24 \times (6^{\sqrt{\sqrt{7^8}}} - 9). \\
6718345 &= 1 - \sqrt{\sqrt{3^4}} \times (5 - 6^7) \times 8. \\
6718359 &= (-1 \times 35 + 6^7 \times 8) \times \sqrt{9}. \\
6718392 &= (1 + 23) \times 6^7 - 8 \times 9. \\
6718394 &= -1 - 3 \times ((4 - 6^7) \times 8 - 9). \\
6718435 &= 1 - 3 \times (\sqrt{4} \times 5 - 6^7 \times 8). \\
6718439 &= -13 - (4 - 6^7 \times 8) \times \sqrt{9}. \\
6718459 &= -1^4 \times 5 + 6^7 \times 8 \times \sqrt{9}. \\
6718495 &= 1 \times (4! \times (5 + 6^7) - 89). \\
6718593 &= 1 \times 3 \times (5 + 6^7) \times 8 + 9. \\
6718945 &= 1 + (4 \times 5 + 6^7) \times 8 \times \sqrt{9}. \\
6719328 &= (12 \times 3 + 6^7) \times 8 \times \sqrt{9}. \\
6734158 &= -(1 + 3!)! - \sqrt{4} + 5! \times 6! \times 78. \\
6738195 &= (-13 + 5! \times 6!) \times 78 + 9. \\
6738591 &= (-1 + 3!)! \times (-5 + 6! \times 78) - 9. \\
6739128 &= (-1 + (2 + 3!) \times 6!) \times 78 + (\sqrt{9})!. \\
6739148 &= 13 \times \left( -4 + 6! \times \left( \sqrt{\sqrt{78 + \sqrt{9}}} \right)!! \right). \\
6739185 &= -1 \times 3! + 5! \times 6! \times 78 - 9. \\
6739281 &= (1 + (2 + 3)! \times 6!) \times 78 + \sqrt{9}. \\
6739518 &= (1 + 3 + 5! \times 6!) \times 78 + (\sqrt{9})!. \\
6739581 &= (-1 + 3!! \times 5! + 6) \times 78 - 9. \\
6749183 &= -1 + 3 \times \sqrt{4} \times ((6 + 7) \times 8)^{\sqrt{9}}. \\
6813495 &= 13 \times (-45 + (6! + 8) \times (\sqrt{9})!). \\
6842791 &= 12!/((4 + 6) \times 7) - 89. \\
6854391 &= (1 + 3!)! \times 4 \times 5 \times 68 - 9. \\
6893415 &= -13 + (4! - 5) \times (-68 + 9!). \\
7129438 &= -1 \times 2 + 3!! \times \sqrt{4} \times (7! - 89). \\
7139625 &= ((1 + 2)!! + 3) \times \sqrt{5^6} \times 79. \\
7165439 &= -1 + 3!! \times (-\sqrt{4} + (5! + 6) \times 79). \\
7165932 &= (-12 + 3!! \times (5! + 6)) \times 79. \\
7259148 &= -12 + 4 \times 5 \times (78 + 9!). \\
7312968 &= (1 + (2 + 3)^6) \times 78 \times (\sqrt{9})!. \\
7451639 &= -1 + (3 - 4!) \times (5! \times 67 - 9!). \\
7529413 &= -123 + (\sqrt{4} + 5 + 7)^{(\sqrt{9})!}. \\
7529614 &= -1 + (2 \times (\sqrt{4} + 5))^6 + 79. \\
7614839 &= -1 + (3 + \sqrt{4})! \times (6! - 7) \times 89. \\
7689154 &= -1 + (\sqrt{4} + 5! \times 6! - 7) \times 89. \\
7862391 &= (12 + 3) \times (6 + 7) \times 8! - 9. \\
7891635 &= (1 - 3 - 5^6) \times (7 - 8^{\sqrt{9}}). \\
7961485 &= 1 \times 4!^5 - 67 \times (8 + 9).
\end{aligned}$$

$$\begin{aligned}
7961835 &= (1 + 3)!^5 - 6! - 78 + 9. \\
7962541 &= 1 \times 2 + 4!^5 - 6 - 79. \\
7963145 &= -(-1 + 3!)! + 4!^5 + 6! - 79. \\
7963415 &= 1 + 3!! + 4!^5 + 67 + \sqrt{9}. \\
7981534 &= (1 - 3 + 4!) \times (-5 - 78 + 9!). \\
7981645 &= 1 - \sqrt{4} \times (5 + 6) \times (78 - 9!). \\
7983514 &= (13 + 4 + 5) \times (7 + 8! \times 9). \\
8197632 &= 12 \times (\sqrt{36^7} + 8! + 9!). \\
8271359 &= -1 + (-2 + 3!!) \times 5! \times (7 + 89). \\
8467192 &= 1 + (24 + 6) \times 7 \times 8! - 9. \\
8541936 &= 13^{\sqrt{4+5}} \times \sqrt{6^{8 \times 9}}. \\
8541937 &= 1 + 3 \times (\sqrt{4 + 5})! \times 78^{\sqrt{9}}. \\
8693712 &= (1 + 23) \times (-6! + 78 + 9!). \\
8693714 &= \sqrt{1 + 3} + 4! \times (-6! + 78 + 9!). \\
8941567 &= -1 + \sqrt{4^5} \times (6^7 - 8^{\sqrt{9}}). \\
8956417 &= 1 + (45 + 6) \times (7 \times 8)^{\sqrt{9}}. \\
8971645 &= (1 + 4 + 5! / 6 \times 7!) \times 89. \\
8974315 &= (1 + 3!! \times 4) \times 5 \times 7 \times 89. \\
9154683 &= (1 \times 3 + 4 \times 56) \times (8! + 9). \\
9436281 &= 1 \times 234 \times (6 + 8!) - \sqrt{9}. \\
9436518 &= 13 \times \sqrt{4} \times (-5 + 68 + 9!). \\
9437158 &= 1 - (3 - \sqrt{4^{5+7+8}}) \times 9. \\
9517824 &= 12^4 \times (57 \times 8 + \sqrt{9}). \\
9637124 &= 12/3 + (4 + 6)^7 - 9!. \\
9637128 &= (12/3 + 6)^7 + 8 - 9!. \\
9647218 &= (-1 + 2 \times 4)^6 \times (-7 + 89). \\
9764185 &= (1 + 4!)^5 - 6! - (\sqrt{\sqrt{78 + \sqrt{9}}})!. \\
9765148 &= (1 + 4!)^5 - 6 \times 78 - 9. \\
9765841 &= (1 + 4!)^5 + (-6 + 78) \times \sqrt{9}. \\
9782154 &= (1 + 2 + 4!) \times (-578 + 9!). \\
9817465 &= (1 + 4!)^5 + 6! \times (78 - (\sqrt{9})!). \\
9853217 &= (1 + 23 \times 5 \times 7!) \times (8 + 9). \\
9871364 &= 1 + 3 + 4^6 \times (\sqrt{7^8} + 9). \\
9875214 &= -1 + 245 \times (-7 + 8! - (\sqrt{9})!). \\
2374596 &= (2 + 3!! - 4!) \times 567 \times (\sqrt{9})!. \\
2378549 &= 23 + (\sqrt{4} + 57) \times (8! - (\sqrt{9})!). \\
2379856 &= (-2^{3+5} + 6!) \times (7! + 89). \\
2384796 &= (2 + \sqrt{3!^4} \times 6!) \times 78 + 9!. \\
2386594 &= 2 \times (3 + 4)^5 \times (68 + \sqrt{9}). \\
2437568 &= 2 \times (34 + 5^6 \times 78). \\
2458976 &= (-2 + 4^5 + 6) \times (\sqrt{7^8} - 9). \\
2463859 &= (23 - 4)^5 - 6! \times (8 + 9). \\
2489763 &= (-234 + 6!) \times 7! + 8! + \sqrt{9}. \\
2495376 &= (23 \times 4! - 56) \times (7! - 9). \\
2534976 &= 2 \times (3 \times \sqrt{4})^5 + 6^7 \times 9. \\
2536794 &= 234 - 5 \times 6! + 7 \times 9!. \\
2536947 &= ((2^3)!) - 45 - 6) \times 7 \times 9. \\
2538496 &= 2^3 \times (4! \times 5! + 68^{\sqrt{9}}). \\
2538947 &= 2 - (3 \times 45 - 7 \times 8!) \times 9. \\
2538964 &= -(2 \times 3)! + (\sqrt{4} + 5) \times (-68 + 9!). \\
2539476 &= -2 \times 345 + 6 + 7 \times 9!. \\
2539674 &= 234 - 5! \times 6 + 7 \times 9!. \\
2539684 &= (2 \times (-3 + 4) + 5) \times (-68 + 9!). \\
2539746 &= (-23 \times \sqrt{4} + 56 \times 7!) \times 9. \\
2539768 &= (23 - 5 \times 6) \times (7 \times 8 - 9!). \\
2539784 &= 2 + (3 - 45 + 7 \times 8!) \times 9. \\
2563974 &= (23^4 + 5 + 6! \times 7) \times 9. \\
2574639 &= -2 + 3!! \times (-4! + 5 \times 6!) - 79. \\
2579863 &= (-2 + 3!!) \times (5 \times 6! - 7) + 89. \\
2593748 &= (23 - 4)^5 + \sqrt{\sqrt{78 \times \sqrt{9}}}. \\
2637958 &= -2 + (-3!! + 5! + 6 \times 7!) \times 89. \\
2654398 &= 2 \times (3! + 4!^5 / 6 + 89). \\
2679845 &= (245 + 6!) \times \sqrt{7^8} + 9!. \\
2694738 &= 2 \times ((3!! \times 4! - 6) \times 78 - \sqrt{9}). \\
2738496 &= (2 - 34) \times (6 - 7!) \times (8 + 9). \\
2846597 &= -(2 + 4)! + 5 + 6 \times 78^{\sqrt{9}}. \\
2874396 &= (2 + (3 + \sqrt{4}) \times 6!) \times (78 + (\sqrt{9})!). \\
2874953 &= -234 \times 5! - 7 + 8 \times 9!. \\
2875394 &= 2 + 3! \times 4^5 \times 78 \times (\sqrt{9})!. \\
2897436 &= -2 \times 3! \times 467 + 8 \times 9!. \\
2897546 &= 2 - 456 - 7! + 8 \times 9!. \\
2938456 &= (2 + 3!! / \sqrt{4} \times 5!) \times 68 + (\sqrt{9})!. \\
2943658 &= ((2^3)!) + 4) \times (5 + 68) + (\sqrt{9})!. \\
2946735 &= ((-2 + 3!!) \times 456 + 7) \times 9. \\
2967354 &= 2 \times (-3 + 4 \times (5! \times 67 + 9!)). \\
2983674 &= (2^3)! \times (\sqrt{4} - 6 + 78) - (\sqrt{9})!. \\
3254698 &= (-2 + (3 + 4!) + 5!) \times (6! - 89). \\
3264597 &= -(2 \times 3)! + ((4 + 5!) - 67) \times 9. \\
3265479 &= ((2 + 3 + 4)! - 56 + 7) \times 9. \\
3265749 &= 23 + ((4 + 5)! - 6 \times 7) \times 9. \\
3265849 &= 2 + (3! + 4!) - 5 - 68 - 9!. \\
3265947 &= (-2^3! + (4 + 5)! + 67) \times 9. \\
3427965 &= ((2^3)!) + 4 + 5) \times (6 + 79). \\
3467529 &= (2^3)! \times (4! - 5 + 67) + 9. \\
3476295 &= (2 \times 3!! \times 4 + 5) \times (67 \times 9). \\
3487692 &= 2 \times (346 \times (\sqrt{\sqrt{7^8}})!) + (\sqrt{9})!. \\
3524976 &= 234 \times (-56 + 7! \times \sqrt{9}). \\
3582697 &= -23 + (-56 + 7! - 8) \times (\sqrt{9})!. \\
3582796 &= 2 \times (356 \times (7! - 8) + (\sqrt{9})!). \\
3589472 &= 2^3 \times (4 + 5! + 7! \times 89). \\
3589726 &= (2 + (3 + 5) \times 6!) \times 7 \times 89. \\
3598624 &= -2 + ((3! + \sqrt{4})! + 5! - 6) \times 89. \\
3627594 &= 2 \times ((3^{\sqrt{4}})!) \times 5 - 67 \times 9). \\
3627958 &= -2 - 3!! - 5! + (6! / (78 - (\sqrt{9})!))!. \\
3627984 &= (2 \times 3 + 4!) - 6! - 7 - 89. \\
3628459 &= 2 + (3! + 4!) - 5 \times 68 - \sqrt{9}. \\
3628579 &= -235 + 6! \times 7! + 8 + (\sqrt{9})!. \\
3628594 &= -2 + (3 + \sqrt{4} + 5)! - 68 \times \sqrt{9}. \\
3628597 &= 2 \times 3 - 5! + 6! \times 7! - 89. \\
3628749 &= -(2 + 3)! + (4 + 6)! + 78 - 9. \\
3628954 &= 2 \times (3^{\sqrt{4}})! \times 5 + 68 + 9. \\
3628957 &= 2 \times (3 + 5!) + 6! \times 7! - 89. \\
3629058 &= \sqrt{9} \times 86 + (5 \times 3! - 20)!. \\
3629457 &= -2 + 3! + (\sqrt{4} \times 5!) - 67 + (\sqrt{9})!. \\
3629458 &= 2 \times 3 + (\sqrt{4} \times 5!) - 68 + (\sqrt{9})!. \\
3629478 &= -(-2 + 3!)! + (4 + 6)! + 78 \times 9. \\
3629548 &= 2 \times (34 + 5 \times (68 + 9!)). \\
3629578 &= -2 + \sqrt{3}!! \times 5 / 6 \times (78 + 9!). \\
3629584 &= 2 + 3!! + (\sqrt{4} \times 5!) + 68 - (\sqrt{9})!. \\
3629587 &= -2 + (\sqrt{3}!! \times 5 / 6)! + 789. \\
3629754 &= 234 + 5! \times 6 + (7 + \sqrt{9})!. \\
3684972 &= 2 \times 3! + (4 + 6)! + 78 \times (\sqrt{9})!.
\end{aligned}$$

$$3685429 = (2 - 3^4) \times \left( 5 - \sqrt{\sqrt{6^{8 \times \sqrt{9}}}} \right).$$

$$3692758 = -\sqrt{-2 + 3!} - 5! + 6! \times (7! + 89).$$

$$3692784 = (2 - 3!) \times 4! + 6! \times (7! + 89).$$

$$3692857 = -23 + 5! \times 6 \times (7! + 89).$$

$$3692874 = -\sqrt{2 + 3^4} + 6! \times (7! + 89).$$

$$3692875 = (-2 + 3) \times (-5 + 6! \times (7! + 89)).$$

$$3694572 = ((2 \times 3!) + 4) \times 567 \times 9.$$

$$3749582 = 2 \times (3 \times (4 + 5!) \times 7! - 89).$$

$$3789264 = (2^{3!} \times (4! + 6!) - 7!) \times 89.$$

$$3792468 = 2 + (3!! + 46) \times (7! - 89).$$

$$3796428 = 2 \times 3! + ((-4 + 6) \times 78)^{\sqrt{9}}.$$

$$3798246 = (-2 + 3!! + 4^6) \times 789.$$

$$3825794 = 2 - 3!^{(\sqrt{4+5}!) \times (7 - 89)}.$$

$$3856924 = (2 + 3!!) \times (\sqrt{4} + \sqrt{5 \times 6!} \times 89).$$

$$3962547 = 2 + ((3 + 4!) - 5) \times (67 + (\sqrt{9})!!).$$

$$3975842 = 2 - 3!! + (\sqrt{4} + 5)! \times 789.$$

$$3984275 = 2 + 3 \times (-\sqrt{4} + 5^7) \times (8 + 9).$$

$$4356972 = 2 \times 3! \times ((4 + 5!) + 67 \times \sqrt{9}).$$

$$4357962 = (2 \times (3^{\sqrt{4}})! + 567) \times (\sqrt{9})!.$$

$$4375296 = 2 \times 3! \times (4! \times (5 + 67) + 9!).$$

$$4523968 = (2^3)! \times 4! \times 5 - 68^{\sqrt{9}}.$$

$$4639572 = (2 + 3!!) \times ((-4! + 5!) \times 67 - (\sqrt{9})!).$$

$$4659732 = 2 \times (3! + 456) \times (7! + \sqrt{9}).$$

$$4758926 = 2 \times (\sqrt{4} + 5) + 6^7 \times (8 + 9).$$

$$4759286 = (2 + 4 \times 5 + 6^7) \times (8 + 9).$$

$$4782369 = (2 + 3)! \times (-467 + 8!) + 9.$$

$$4782963 = -2 \times 3 + (-4 + 6 + 7)^8 / 9.$$

$$4792568 = (2 \times (4 + 5!) + 6!) \times (7! - 89).$$

$$4826753 = (23 - \sqrt{4} \times 5)^6 - 7 \times 8.$$

$$4826793 = -2^3 \times \sqrt{4} + \sqrt{\sqrt{(6 + 7)^{8 \times \sqrt{9}}}}.$$

$$4826795 = -2 \times (\sqrt{4} + 5) + \sqrt{\sqrt{(6 + 7)^{8 \times \sqrt{9}}}}.$$

$$4826937 = 2^{3+4} + \sqrt{\sqrt{(6 + 7)^{8 \times \sqrt{9}}}}.$$

$$4832796 = 2 \times 3! \times (-467 + 8! + 9!).$$

$$4836972 = (-2 + 3!^4) \times 6 \times 7 \times 89.$$

$$4875236 = 2 + (3 + 4 \times 5^6) \times 78.$$

$$4937265 = 2 + (-3 + 4 \times 5^6) \times 79.$$

$$4976832 = (2 + 3 \times 4! \times 6!) \times (7 + 89).$$

$$5249763 = (23 \times 45 + 6) \times (7! + \sqrt{9}).$$

$$5268479 = -2/\sqrt{4} + 5 \times 6 \times (7 \times 8)^{\sqrt{9}}.$$

$$5293876 = 2356 \times \sqrt{78} - 9!.$$

$$5297643 = (23 + 4^5 + 6) \times (7! - 9).$$

$$5392647 = (-23 + 4^{5+6})/7 \times 9.$$

$$5397842 = 2 - 3!! \times ((4! - 5!) \times 78 - 9).$$

$$5694872 = 2 \times (4 + 5! + 6 \times 78^{\sqrt{9}}).$$

$$5763429 = (2 + (3 + 4)^5 - 6) \times 7^{\sqrt{9}}.$$

$$5763824 = 23 - \sqrt{(\sqrt{4} \times 5)^6 + 7^8}.$$

$$5764283 = -23^{\sqrt{4}} + 5 + 6 + 7^8.$$

$$5764298 = -2^{\sqrt{4+5}+6} + 7^8 + 9.$$

$$5764328 = -\sqrt{23^4} + 56 + 7^8.$$

$$5764823 = 23 - (-4 + 5)^6 + 7^8.$$

$$5764829 = 2 \times 4 + 5 + 6 + 7^8 + 9.$$

$$5764832 = 2 + 3 - 4 + 5 \times 6 + 7^8.$$

$$5764892 = 2 + 4! + 56 + (7^8 + 9).$$

$$5764928 = -2 + 4 \times 5 \times 6 + 7^8 + 9.$$

$$5764982 = -2 + \sqrt{4^5} \times 6 + 7^8 - 9.$$

$$5842693 = (2 + (3!! - 4) \times 5!) \times 68 - \sqrt{9}.$$

$$5937624 = (234 \times 5 + 6) \times (7! + 9).$$

$$6254398 = -2 + (3!! + \sqrt{4}) \times 5! \times 68 + 9!.$$

$$6259473 = 23 \times ((4 + 5) \times 6 \times 7! - 9).$$

$$6279834 = 2 \times (-3 + ((\sqrt{4} + 6)! - 7!) \times 89).$$

$$6389274 = (-2 + 3!! \times (4 \times 6! + 78)) \times \sqrt{9}.$$

$$6438275 = 23 \times (\sqrt{4} - 5 + 6^7 - 8).$$

$$6439572 = 23 \times (45 + 6^7) + 9.$$

$$6479852 = 2 - (\sqrt{4} - 5! \times 6!) \times (78 - \sqrt{9}).$$

$$6495723 = (2 \times (3 - 4) + (5 + 6)^7)/\sqrt{9}.$$

$$6495732 = (23 + \sqrt{4} + (5 + 6)^7)/\sqrt{9}.$$

$$6532497 = (2 \times (3 + (4 + 5)!) + 67) \times 9.$$

$$6532794 = 2 \times \sqrt{3^4} \times (5! - 67 + 9!).$$

$$6532974 = 2 \times ((3! + 4!) + 567 - 9!).$$

$$6574928 = (2 \times 4^5 - 6!) \times (7! - 89).$$

$$6728934 = ((2^3)! \times \sqrt{4} + 6 - 7!) \times 89.$$

$$6739258 = 2^{3!} + 5! \times 6! \times 78 - (\sqrt{9})!.$$

$$6893452 = (-2 + 3!!) \times (4! - 5) \times (-68 + 9!).$$

$$6894532 = 2 \times (3! + 4!) - 5! - (68 + 9!).$$

$$6894732 = 2 \times ((3! + 4!) + 6) - (\sqrt{78 + \sqrt{9}}!).$$

$$6972354 = (2 + 3!!) \times ((4! + 5!) \times 67 + 9).$$

$$7235964 = (234 + 5) \times (6 + 7!) \times (\sqrt{9})!.$$

$$7243896 = 23 \times (4! + 6^7/8 \times 9).$$

$$7249563 = (2 \times (3! + 4!) - 5! \times 67) + \sqrt{9}.$$

$$7256394 = 2 \times ((3 + \sqrt{4} + 5)! - 67 \times 9).$$

$$7258394 = (2 \times (3! + 4!) + 5 + 789).$$

$$7258649 = 2 \times (4 \times 5! + 6! \times 7!) + 89.$$

$$7259643 = 2 \times (3!! + (\sqrt{4} \times 5)!) + 67 \times 9.$$

$$7259648 = 2 \times (4^5 + (6!/(78 - (\sqrt{9})!))!).$$

$$7264389 = 2 \times (3! + 4!) + 6789.$$

$$7348296 = ((-234 + 6!) \times 7! - 8) \times \sqrt{9}.$$

$$7435982 = 2 \times (3!! \times (4 + 5! + 7!) - 89).$$

$$7539826 = -23 + (5! + 67) \times 8! + 9.$$

$$7592834 = 2 + 3!!/45 \times 78^{\sqrt{9}}.$$

$$7593264 = 2 \times (3!! + 4!) \times 567 \times 9.$$

$$7596342 = 234 \times (5 \times 6! + 7) \times 9.$$

$$7683952 = 2 \times (3!! + 56) \times (7! - 89).$$

$$7892645 = (2 + \sqrt{4} + 5^6) \times (-7 + 8^{\sqrt{9}}).$$

$$7962358 = (-2 + 3!)!^5 - (6! + 78)/\sqrt{9}.$$

$$7962435 = 2 \times 3! + 4!^5 - 67 \times \sqrt{9}.$$

$$7962458 = 24^5 - \sqrt{\sqrt{(6 + 7)^8}} + \sqrt{9}.$$

$$7962485 = 24^5 - 67 - 8 \times 9.$$

$$7962534 = -2 - 3 + 4!^5 - 6 - 79.$$

$$7962543 = -23 + 4!^5 - 67 + 9.$$

$$7962548 = 24^5 + 6 + 7 - 89.$$

$$7962584 = 24^5 + 6 - \sqrt{\sqrt{7^8}} + \sqrt{9}.$$

$$7962845 = 24^5 + (6 + 7) \times (8 + 9).$$

$$7962854 = 2 + 4!^5 - 6 + 78 \times \sqrt{9}.$$

$$7963254 = -23 + 4!^5 - 67 + (\sqrt{9})!.$$

$$7963425 = 2 + (3! \times 4!)^5 + 6! + 79.$$

$$7982436 = (2 - 3!! \times 4!) \times (6 - 78 \times (\sqrt{9})!).$$

$$8345297 = 23 \times (4 + (-5 + 7! \times 8) \times 9).$$

$$8346295 = 23 \times ((4 + 5)! - 6 + 8) + 9.$$

$$8346792 = 23 \times (4 \times 6 - (7 - 8) \times 9!).$$

$$\begin{aligned}
8352496 &= 23 \times ((4 + 5 \times 6) \times 8 + 9!). \\
8693724 &= 2 \times 3! + 4! \times (-6! + 78 + 9!). \\
8726394 &= -2 \times 3 + 4! \times (6! + (\sqrt{78 + \sqrt{9}})!). \\
9237864 &= ((2 + 3^{\sqrt{4}}) \times 6^7 - 8) \times \sqrt{9}. \\
9274635 &= 23 \times (45 + 6! \times 7!/9). \\
9285637 &= (-2 + (-3!! + 5^6) \times 7) \times 89.
\end{aligned}$$

• **Decreasing Order**

$$\begin{aligned}
1235648 &= 86 \times (5!^{\sqrt{4}} - 32) \times 1. \\
1267583 &= (8! + 7 - 6! + 5) \times 32 - 1. \\
1267854 &= ((-8 + 7!) \times 6 - 5) \times 42 \times 1. \\
1273854 &= 87 \times ((5! + 4 - 3)^2 + 1). \\
1273864 &= 8 \times ((7! - 64) \times 32 + 1). \\
1328547 &= (8! - 7 - 54) \times (32 + 1). \\
1346875 &= (-8 + 7 + 6)^5 \times 431. \\
1354728 &= 8! \times 7/5 \times 4! - 3 - 21. \\
1358742 &= (8! - 7 + (5 + 4!)^3) \times 21. \\
1376248 &= 8 \times (7 \times 6 \times (4^3)^2 - 1). \\
1452386 &= 865 + 4 \times (3^2)! + 1. \\
1478526 &= -8! + (7! + 6) \times (-5! + 421). \\
1485723 &= 8! + 7^5 \times 43 \times 2 + 1. \\
1487256 &= 8 \times (\sqrt{7^6} \times 542 + 1). \\
1572843 &= 87^{-5+4} \times 3! - 21. \\
1572863 &= 87^{-6+5} \times 3 \times 2 - 1. \\
1652874 &= (8! - 7 + 6 - 5) \times (42 - 1). \\
1735482 &= 8 \times (7! + 5) \times 43 + 2 \times 1. \\
1743285 &= (8 + 7! + 5) \times (4! + 321). \\
1782543 &= 87 \times (5 \times (4^3! + 2) - 1). \\
1784632 &= (8 + 7! \times 6) \times (-4 + 3 \times 21). \\
1825346 &= (8 + 65 + 4!)^3 \times 2 \times 1. \\
1825347 &= (87 + 5 \times \sqrt{4})^3 \times 2 + 1. \\
1842375 &= (8 + 75 + \sqrt{4})^3 \times (2 + 1). \\
1843672 &= 8 \times (7 + 6!) \times (-4 + 321). \\
2135678 &= 8^7 + 6 + 5! \times 321. \\
2174685 &= 8 \times (7! - 6) \times 54 - 2 - 1. \\
2174856 &= 8 \times ((7! - 6) \times 54 + 21). \\
2176584 &= (8! - 7 - 6) \times 54 + (2 + 1)!. \\
2178456 &= 8 \times 7 \times (6! \times 54 + 21). \\
2183576 &= 8^7 + 6! \times 5! + 3 + 21. \\
2317865 &= (87 \times 6! + 5) \times (3!^2 + 1). \\
2364781 &= -8 + (7^6 - (4 + 3)!) \times 21. \\
2387451 &= 8^7 - 5 + 4!^3 \times 21. \\
2438175 &= (8 + 7^5) \times ((4 \times 3)^2 + 1). \\
2457168 &= (8 + 7! + 6!) \times (5 + 421). \\
2654187 &= 8 \times (-7 + 6 + 5)!^4 - 21. \\
2674815 &= 87 \times (6! - 5) \times (42 + 1). \\
2741856 &= 8 \times (\sqrt{7^6} - 5)^{\sqrt{4}} \times (2 + 1). \\
2876415 &= (8 - (76 - 5) \times 4!)^2 - 1. \\
3145728 &= (8 + 7)/5 \times 4^{3^2+1}. \\
3176548 &= (8 + 7^6 \times (5 + 4)) \times 3 + 1. \\
3185247 &= 8! \times (75 + 4) - 32 - 1. \\
3185274 &= 8! \times (75 + 4) - 3 \times 2 \times 1. \\
3215648 &= 8 \times (6 + 5^4 + 3)^2 \times 1. \\
3241768 &= 8 \times ((76 - \sqrt{4})^3 - 2 - 1). \\
3257168 &= (8 + 7!/6) \times (5! \times 32 + 1). \\
3478216 &= -8 + (7! - 64) \times (3!! - 21). \\
3582741 &= 8!/7 \times (5^4 - 3) + 21. \\
3628145 &= 86 + (5 \times \sqrt{4}!) - 3!! - 21.
\end{aligned}$$

$$\begin{aligned}
9437562 &= ((2^3 \times \sqrt{4})^5 + 6 \times 7) \times 9. \\
9483276 &= 2 \times (3! + (\sqrt{4} \times (6 + 78))^{\sqrt{9}}). \\
9564732 &= 2 \times (3^{\sqrt{4!+5!}} - 67) \times 9. \\
9638472 &= 23 \times (4! + 6! \times 78 + 9!). \\
9647382 &= (2 + (3 + 4)^6) \times (-7 + 89). \\
3628154 &= 8 - 654 + (3^2 + 1)!. \\
3628471 &= -8 + (7 \times 6!^{\sqrt{4}} - 321). \\
3647158 &= 8 + (7^6 + 5 - 4) \times 31. \\
3758421 &= 87 \times 5!^{\sqrt{4}} \times 3 + 21. \\
3825167 &= 8^7 - 6 + 5!^3 + 21. \\
3861457 &= (8^7 - (6 \times 5)^4) \times 3 + 1. \\
4157286 &= (8! + 7 \times 6) \times (5! + 4 - 21). \\
4186527 &= (8^7 - 6^5/\sqrt{4}) \times 2 - 1. \\
4286571 &= 8 \times (7 + 6! + 5)^{\sqrt{4}} - 21. \\
4657128 &= (8 + 7! \times (6 + 5) \times 4) \times 21. \\
4681752 &= 8 \times (765^{\sqrt{4}} - (2 + 1)!). \\
4681753 &= 8 \times (765^{\sqrt{4}} - 3!) + 1. \\
4823617 &= 8 + 7^6 \times (43 - 2) \times 1. \\
4837215 &= (8! - 7) \times 5! - 4! - 321. \\
4837512 &= ((8! - 7) \times 5 - \sqrt{4}) \times (3 + 21). \\
5241768 &= 8 \times (7! \times 65 \times \sqrt{4} + 21). \\
5647182 &= (8 \times 7^6 + 5) \times (4 + 2) \times 1. \\
5647183 &= (8 \times 7^6 + 5) \times \sqrt{4} \times 3 + 1. \\
6314785 &= (8^7 + \sqrt{6^{5 \times \sqrt{4}}}) \times 3 + 1. \\
6531784 &= 8 \times 7 \times (6! \times 54 \times 3 - 1). \\
6531827 &= 8 + 7! \times 6^5/3! - 21. \\
6531872 &= 8! \times (7 \times 6 + 5!) + 32 \times 1. \\
6532814 &= (8! + 6) \times 54 \times 3 + 2 \times 1. \\
7514682 &= (8 - 7! - 6 + (5 + 4)!) \times 21. \\
7516483 &= 87 \times (6! \times 5! - 4) + 31. \\
7842163 &= -8! + 7^6 \times (4 + 3 \times 21). \\
7864321 &= (8 + 7) \times 64^3 \times 2 + 1. \\
8346217 &= (87 - 64) \times ((3^2)! - 1). \\
8467213 &= -8 + 7 \times (6 + 4)!/3 + 21. \\
8467231 &= 8! \times 7!/(6 \times 4) + 32 - 1. \\
8514723 &= (8754/3)^2 - 1. \\
8576421 &= 8! \times (7! + 65)/4! + 21. \\
8721456 &= (8^7 + (6 \times 5)^4) \times (2 + 1). \\
1239846 &= (\sqrt{9})! + (86 - 4) \times 3!! \times 21. \\
1239867 &= (\sqrt{9^8} \times 7 - 6) \times 3^{2+1}. \\
1248937 &= 9 + 8 \times (7! - 4) \times (32 - 1). \\
1269345 &= (9!/6 - 5 \times (4 + 3)) \times 21. \\
1269754 &= (9! \times 7 - 654)/2 + 1. \\
1273495 &= -9! + (7! - 5) \times (4 + 321). \\
1285947 &= \sqrt{\sqrt{\sqrt{9^8}} \times ((7 \times 54)^2 - 1)}. \\
1287935 &= (\sqrt{9} + 8! - 75) \times 32 - 1. \\
1293786 &= (\sqrt{9} + 8) \times (7^6 - 32) - 1. \\
1294875 &= 9 \times (8!/7 - 5) \times (4 + 21). \\
1296834 &= ((\sqrt{9})! - 86 \times (\sqrt{4} - 3!!)) \times 21. \\
1297863 &= \sqrt{\sqrt{9^8}} \times 763 \times 21. \\
1327956 &= (9 + 76) \times (5^{3!} - 2) + 1. \\
1362945 &= (\sqrt{9} \times 6 \times 5 - \sqrt{4})^3 \times 2 + 1. \\
1362948 &= \sqrt{9} + (86 + \sqrt{4})^3 \times 2 + 1.
\end{aligned}$$

$$\begin{aligned}
1369572 &= (-9 + (7 \times (6 + 5))^3) \times (2 + 1). \\
1369578 &= \sqrt{9} \times (-8 + (7 \times (6 + 5))^3 + 1). \\
1375928 &= (98 \times (7 + 5) - 3)^2 - 1. \\
1378945 &= 9! / (8 + 7) \times (54 + 3) + 1. \\
1382974 &= -\sqrt{9} + (8 \times 7^{\sqrt{4}} \times 3)^2 + 1. \\
1382975 &= 9 \times (8 \times 7^{5-3})^2 - 1. \\
1386792 &= 9 \times 8 + (7! - 6!) \times 321. \\
1394568 &= 9 \times 8 \times (-6 + 5^4 \times 31). \\
1396245 &= (96 + 5) \times 4!^3 + 21. \\
1396425 &= (96 + 5) \times (4!^3 + 2) - 1. \\
1398564 &= \sqrt{\sqrt{(\sqrt{9})!^8} \times (6! \times 54 - 31)}. \\
1423659 &= 9 \times (6! + 54^3) + 2 + 1. \\
1423769 &= (97 + 6) \times (4!^3 - 2 + 1). \\
1423956 &= ((\sqrt{9})! \times 6! + 5! - 4) \times 321. \\
1432896 &= (\sqrt{9})! \times (-8 + (6! + 4!) \times 321). \\
1436859 &= \sqrt{9^8} \times (654/3 + 1). \\
1439568 &= 9 \times (-8 \times 6 + (5 \times 4)^{3+1}). \\
1439856 &= 9 \times (8! - 6 \times 54) \times (3 + 1). \\
1453896 &= 9 \times ((8! + 65) \times 4 + 3 + 1). \\
1482739 &= 98 \times ((7! + 4) \times 3 - 2) - 1. \\
1482936 &= 98 \times (6 \times \sqrt{4} + 3!! \times 21). \\
1482937 &= 98 \times (7! + 4) \times 3 + 2 - 1. \\
1485962 &= (-\sqrt{9^8} + 6^5 + 4)^2 + 1. \\
1486579 &= (9! + 8765) \times 4 - 1. \\
1489536 &= \sqrt{9} \times 8 \times 6! / 5 \times 431. \\
1492857 &= 9 \times (8 \times ((7 + 5)^4 - 2) + 1). \\
1493275 &= -9 + (\sqrt{(7 \times 5)^4} - 3)^2 \times 1. \\
1495378 &= ((\sqrt{9})!! \times (-8 + 75) - \sqrt{4}) \times 31. \\
1497538 &= 98 \times ((7! + 54) \times 3 - 1). \\
1524369 &= (9! + 65) / (\sqrt{4} + 3) \times 21. \\
1529476 &= (\sqrt{9} + 7^6) \times (5 + 4 \times 2 \times 1). \\
1539647 &= \sqrt{9^7} \times (6 + 5) \times 4^3 - 1. \\
1567943 &= 9! + (-7 + 6! \times 54) \times 31. \\
1579326 &= (\sqrt{9})! + (7 \times 6! - 5!) \times 321. \\
1592738 &= 98 - 7! \times (5 - 321). \\
1593648 &= (9 + 8) \times 6 \times (\sqrt{5^{4 \times 3}} - 1). \\
1593674 &= (9^7 - 6^5 / 4) / 3 - 1. \\
1594238 &= \sqrt{9^{8+5}} - 43 \times 2 + 1. \\
1594263 &= (9^6 - 5 \times 4) \times 3 \times (2 - 1). \\
1624938 &= 98 \times (6! \times 4! - 3!! + 21). \\
1643759 &= (\sqrt{9})!! \times (765 - 4) \times 3 - 1. \\
1652379 &= \sqrt{9} \times 765 \times 3!! - 21. \\
1652397 &= \sqrt{9} \times (765 \times (3 \times 2)! - 1). \\
1672839 &= 9! + 87 \times (6! - 3) \times 21. \\
1673259 &= -(\sqrt{9})!! \times 76 + 5!^3 - 21. \\
1678293 &= (\sqrt{9})!^{8!/7!} - 63 \times 21. \\
1678954 &= (\sqrt{9})!^8 - 7 - 654 - 1. \\
1679385 &= (\sqrt{9})!^8 - 76 - 5 \times 31. \\
1679482 &= -9 \times (8 + 7) + 6^{4 \times 2} + 1. \\
1679485 &= (\sqrt{9})!^8 - 76 - 54 - 1. \\
1679823 &= (\sqrt{9})!^8 + 76 \times 3 - 21. \\
1679832 &= 9! + (8 + 76^3) \times (2 + 1). \\
1687293 &= \sqrt{9} \times ((8 \times (7 + 6))^3 / 2 - 1). \\
1687392 &= 9 \times ((8 - 7 \times 63)^2 - 1). \\
1687395 &= \sqrt{\sqrt{\sqrt{\sqrt{9^8}}}} + 7 \times 6^5 \times 31.
\end{aligned}$$

$$\begin{aligned}
1689527 &= (\sqrt{9})! \times (8! \times 7 - 652) - 1. \\
1693247 &= (\sqrt{9})! \times (7 \times (\sqrt{64})! - 32) - 1. \\
1693458 &= (9! \times (8 + 6) + 54) / 3 \times 1. \\
1693472 &= 9! \times 7/6 \times 4 + 32 \times 1. \\
1693482 &= (9 + 8! \times 6) \times (4 + 3) - 21. \\
1693728 &= -(\sqrt{9})! + (8! + 7) \times (63 - 21). \\
1693874 &= \sqrt{9} + 8! \times 7 \times 6 + 431. \\
1698327 &= 9 \times 87 \times (6! + 3) \times (2 + 1). \\
1723869 &= (\sqrt{(\sqrt{9})!^8} + 7) \times 63 \times 21. \\
1734298 &= ((\sqrt{9})! + 8! + 7) \times 43 - 21. \\
1756394 &= \sqrt{9} \times 765^{\sqrt{4}} + 3!! - 1. \\
1764593 &= ((-9 + 7^6) \times 5 - \sqrt{4}) \times 3 - 1. \\
1764859 &= \sqrt{9} \times (8 + 7^6) \times 5 + 4 \times 1. \\
1792586 &= \sqrt{9} \times (8 + 765)^2 - 1. \\
1796253 &= -\sqrt{9} + 7 \times 6^5 \times (32 + 1). \\
1796834 &= (\sqrt{9})!^8 + 7^6 - 431. \\
1834927 &= -\sqrt{\sqrt{9^8}} + 7 \times 4^{3^2} \times 1. \\
1834956 &= (-\sqrt{9} + 8^6) \times (5 + \sqrt{4}) - 31. \\
1834965 &= -9 + (8^6 - 5) \times (4 + 3) + 1. \\
1836972 &= \sqrt{9} \times 876 \times (3!! - 21). \\
1839267 &= (9 \times 87)^{6/3} \times (2 + 1). \\
1843967 &= (\sqrt{9} \times 8 \times 7/6)^4 \times 3 - 1. \\
1846392 &= ((\sqrt{9})!! \times 8 - \sqrt{64}) \times 321. \\
1856473 &= 8 + (7 + 6)^5 \times (\sqrt{4} + 3) \times 1. \\
1857496 &= -(\sqrt{9})!! + (8! + 76) \times (5 + 41). \\
1859374 &= (9 + 8) \times 7 \times \sqrt{5^{4 \times 3}} - 1. \\
1859732 &= (9 + 8) \times (7 \times 5^{3!} + 21). \\
1876392 &= (9 + 8) \times (7! + 6^3) \times 21. \\
1879642 &= (-9 + 8 + \sqrt{7^6} \times 4)^2 + 1. \\
1935286 &= (9! - 8!) \times 6 - 53 - 21. \\
1936248 &= (\sqrt{9})!! + 8 \times ((\sqrt{64})! \times 3! + 21). \\
1948327 &= (987^{\sqrt{4}} - 3!) \times 2 + 1. \\
1952487 &= 9 \times (8 + (7! + 5) \times (42 + 1)). \\
1952638 &= -\sqrt{\sqrt{9^8}} \times 6 + 5^{3^2} - 1. \\
1953268 &= \sqrt{9} \times 8 \times 6 + (5^{3^2} - 1). \\
1953628 &= -9 + \sqrt{8^6} + 5^{3^2} \times 1. \\
1965738 &= (\sqrt{9})! \times (-8 + 7! \times 65 + 31). \\
1974862 &= \sqrt{9^8} \times (\sqrt{7^6} - 42) + 1. \\
1975634 &= 9 \times (7! + 65) \times 43 - 1. \\
1975684 &= (98 \times 7! + 6 - 5) \times 4 \times 1. \\
1976835 &= (98 \times 7 + 6!)^{5-3} - 1. \\
2143689 &= 9 - 8! / 6 \times (\sqrt{4} - 321). \\
2159874 &= (\sqrt{9})! \times ((8 \times 75)^{\sqrt{4}} - 21). \\
2174693 &= (\sqrt{9})! + (7! - 6) \times 432 - 1. \\
2176539 &= 9! \times (\sqrt{\sqrt{76 + 5}})! - 3!! - 21. \\
2184936 &= (9! - 8) \times 6 + 4! \times 321. \\
2186937 &= \sqrt{9} \times (((8 + 7) \times 6)^3 - 21). \\
2186973 &= (-9 + ((8 + 7) \times 6)^3) \times (2 + 1). \\
2189643 &= (9! + 86 \times 4!) \times 3! - 21. \\
2194853 &= (-9 + 8^5) \times (4 + 3 \times 21). \\
2196835 &= \sqrt{9} + 8 \times (65^3 - 21). \\
2345769 &= 9 + (7! - 6!) \times \sqrt{543^2}. \\
2349675 &= \sqrt{9} \times (765 + (\sqrt{4} + 3)!)^2. \\
2358496 &= 9 \times 8^6 - \sqrt{5^4} \times 32. \\
2378496 &= 9! + 87 \times (6! + 4) \times 32. \\
2384961 &= 9! \times 8 - 6!^{\sqrt{4}} + 321.
\end{aligned}$$

$$\begin{aligned}
2391457 &= (9^7 - 54 - 3)/2 + 1. \\
2391467 &= (9^7 + 6 - 43)/2 + 1. \\
2391475 &= ((9^7 - 5)/4 - 3) \times 2 - 1. \\
2391476 &= (9^7 - 6 \times \sqrt{4} - 3)/2 - 1. \\
2391485 &= (9^{8-5+4} + 3)/2 - 1. \\
2391486 &= (\sqrt{9^{8+6}} + 4 - 3)/2 + 1. \\
2391487 &= (9^8/(7 + \sqrt{4}) + 3)/2 + 1. \\
2391547 &= (9^7 + \sqrt{5^{\sqrt{4} \times 3}})/2 \times 1. \\
2436159 &= 9! + 6! \times 5! \times 4! - 321. \\
2459817 &= 9! + 8^7 - 5 \times (42 + 1). \\
2483691 &= 9 \times (8^6 + 4!^3) - 21. \\
2497813 &= 9! \times 8 - 74^3 - 2 - 1. \\
2538719 &= 9 \times (8! \times 7 - 5 \times 32) - 1. \\
2547961 &= 9! \times 7 + 6^5 + 4 + 21. \\
2567139 &= 9! \times 7 + (6 \times 5)^3 - 21. \\
2579136 &= (9 - 7)^6 \times ((5 + 3)! - 21). \\
2594613 &= (9! + 6^5) \times (4 + 3) + 21. \\
2613594 &= (\sqrt{9})! \times ((654 + 3!)^2 - 1). \\
2617839 &= \sqrt{9^{81/71}} \times (6! - 321). \\
2659413 &= (\sqrt{9})!^6 \times (54 + 3) + 21. \\
2689135 &= (\sqrt{9} + (8 + 6)^5) \times (3 + 2) \times 1. \\
2719583 &= (9 \times 8 + 7!) \times 532 - 1. \\
2734519 &= -\sqrt{9} + 7 \times (5^{\sqrt{4^3}} + 21). \\
2784915 &= 9! \times 8 - 75^{\sqrt{4}} \times 21. \\
2791563 &= 97 \times 6! \times 5!/3 - 21. \\
2839715 &= (9 + 8)^{7-5+3} \times 2 + 1. \\
2863419 &= 9! \times 8 - (\sqrt{64})! + 3!! - 21. \\
2895341 &= 9! \times 8 + 5 - 4! \times 321. \\
2896314 &= -(\sqrt{9})! + 8!/6 \times (432 - 1). \\
2896341 &= 9! \times 8 - (\sqrt{64})!/3! + 21. \\
2897415 &= 9! \times 8 - 75^{4/2} \times 1. \\
2916843 &= 9! \times 8 + (6 \times 4)^3 - 21. \\
2954873 &= 9! \times 8 - 7 + 5! \times 432. \\
2957681 &= (9 \times 8 + 7) \times (6! \times 52 - 1). \\
2963185 &= 98 + (-6 + 5!)^3 \times 2 - 1. \\
2963517 &= -\sqrt{9} + (76 + 5!) \times 3!! \times 21. \\
2963814 &= 98 \times (6 \times (4 + 3)! + 2 + 1). \\
2963817 &= 98 \times (7! \times 6 + 3) + 2 + 1. \\
2983714 &= \sqrt{9} + 8! \times 74 + 32 - 1. \\
3145896 &= (9 + 8^6 + 5) \times 4 \times 3 \times 1. \\
3145968 &= \sqrt{9} \times (8^6 + 5 \times 4) \times (3 + 1). \\
3157986 &= (\sqrt{9})! + 876 \times 5 \times (3!! + 1). \\
3159647 &= 9 \times (7^6 - 5^4) \times 3 - 1. \\
3168795 &= (\sqrt{9} + 876) \times 5 \times (3!! + 1). \\
3175298 &= 98 + 7! \times 5 \times 3! \times 21. \\
3176495 &= 9 \times (7^6 - 5 + 4) \times 3 - 1. \\
3176524 &= 7^6 \times (5 + 4) \times 3 + 2 - 1. \\
3176529 &= (9 \times 7^6 - 5) \times 3 + 21. \\
3176549 &= 9 \times (7^6 + 5 - 4) \times 3 - 1. \\
3176928 &= 9 \times ((8 + 7^6) \times 3 + 21). \\
3176982 &= (9 + 8 + 7^6) \times 3^{2+1}. \\
3241789 &= -\sqrt{9} + 8 \times 74^3 \times (2 - 1). \\
3241798 &= 9 + 8 \times 74^3 - 2 - 1. \\
3259461 &= (9! - 6!) \times 54/3! + 21. \\
3259716 &= ((\sqrt{9})! + 7!) \times (6! - 53 - 21). \\
3265179 &= 9 \times (\sqrt{76 + 5})! - 3!! - 21. \\
3265719 &= -9! + 7! \times 6! + 5! - 321. \\
3265914 &= 9!/6 \times 54 - 3 - 2 - 1. \\
3265941 &= 9 \times (6 + (5 + 4)!) - 32 - 1. \\
3285176 &= (-8 + 7!) \times 653 - (2 + 1)!!. \\
3294176 &= \sqrt{9} - 7^6 \times (4 - 32) + 1. \\
3296154 &= -(\sqrt{9})! + 654 \times (3 \times 2 + 1)!. \\
3296157 &= -\sqrt{9} + 7! \times (653 + 2 - 1). \\
3418795 &= -9 + (8 + 7 \times 5)^4 + 3 \times 1. \\
3418796 &= \sqrt{9} - 8 + (7 + 6^{\sqrt{4}})^{3+1}. \\
3456192 &= (96 + (5 \times 4!)^3) \times 2 \times 1. \\
3468219 &= (\sqrt{9})!! + 86 \times (4!/3!) - 21. \\
3489165 &= (9 + 8! + 6!) \times (54 + 31). \\
3492718 &= 9!/8 \times (74 + 3) - 2 \times 1. \\
3518649 &= 9!/8! \times (6! \times 543 + 1). \\
3529461 &= -(\sqrt{9})!! \times (6 - 5!) \times 43 + 21. \\
3529761 &= (9 + 7^6) \times 5 \times 3! + 21. \\
3541927 &= \sqrt{9} + (7 + 5^4 \times 3)^2 \times 1. \\
3542719 &= (\sqrt{9})!! \times (7! - 5!) - \sqrt{4} + 321. \\
3542961 &= 9^6 \times 5 \times 4/3 + 21. \\
3569184 &= (9 + 8) \times 6^5 \times (-4 + 31). \\
3582971 &= (-98 + 7!) \times (5 + 3!!) + 21. \\
3584719 &= (\sqrt{9})!! + 875 \times 4^{3!} - 1. \\
3619728 &= \sqrt{(\sqrt{9})!^{18}} \times 7 \times (6! - 321). \\
3624159 &= -(\sqrt{9})! \times 6! + (5 \times \sqrt{4})! - 321. \\
3627195 &= (9 + 7 - 6!) - 5 \times 321. \\
3627819 &= -987 + 6 + (3^2 + 1)!. \\
3627915 &= (\sqrt{9} + 7)! + 6! - 5 \times 321. \\
3627918 &= -(\sqrt{9})! - 876 + (3^2 + 1)!. \\
3629178 &= (9 + 8 - 7)! + 6 \times 3 \times 21. \\
3629451 &= (9! + 65) \times (4 \times 3 - 2) + 1. \\
3629541 &= (\sqrt{9})!! + ((6 + 54)/3!)! + 21. \\
3629781 &= 987 - 6 + (3^2 + 1)!. \\
3629841 &= (\sqrt{9})!! + (8 + 6 - 4)! + 321. \\
3647159 &= 9 + (7^6 + 5 - 4) \times 31. \\
3647198 &= 9 + 8 + (7^6 + \sqrt{4}) \times 31. \\
3648951 &= -9 + 8!/6 \times 543 \times 1. \\
3671259 &= (\sqrt{9})!! \times (7! + 6 + 53) - 21. \\
3674912 &= (\sqrt{9})!! \times (7! + 64) + 32 \times 1. \\
3765198 &= ((\sqrt{9})! + 8!/7) \times 653 \times 1. \\
3781692 &= \sqrt{9} \times 876 \times (3!! \times 2 - 1). \\
3849516 &= 9 \times (8 + 654^{3-1}). \\
3851694 &= 98 \times ((6 \times 5 + 4)^3 - 1). \\
3859164 &= 9 \times 86 \times (-54 + (3! + 1)!). \\
3869154 &= 9 \times (-8! + 654 \times (3!! - 1)). \\
3948126 &= 98 \times ((\sqrt{64})! - 32 - 1). \\
3952641 &= 965 \times 4^{3 \times 2} + 1. \\
3956421 &= ((\sqrt{9})!! + 65) \times (4 + 3)! + 21. \\
3982165 &= (9! - 865) \times (3! \times 2 - 1). \\
4273918 &= -(\sqrt{9}) + 8! \times (74 + 32) + 1. \\
4359781 &= (9! + 87 \times 5) \times 4 \times 3 + 1. \\
4361589 &= 9 \times ((8! + 65) \times 4 \times 3 + 1). \\
4395861 &= (9 + 8!) \times (65 + 43 + 1). \\
4516729 &= 9^7 - 65 \times 4^{(2+1)!}. \\
4523769 &= 9^7 - (6! - 5!) \times 432. \\
4561879 &= 9! \times 8/7 \times (6 + 5) - 41. \\
4593781 &= (\sqrt{9})! \times 875^{\sqrt{4}} + 31. \\
4715369 &= 9^7 - (65 \times 4)^{3-1}. \\
4718593 &= 9 \times 8^7/(5 - 4 + 3) + 1.
\end{aligned}$$

$$\begin{aligned}
4782915 &= \sqrt{\sqrt{\sqrt{9^{8 \times 7}}} - 54} \times (2 - 1). \\
4782951 &= 9 \times ((8 - 7 \times 5)^4 - 2) \times 1. \\
4782961 &= 9^{8-7+6} - 4 \times 2 \times 1. \\
4783591 &= \sqrt{\sqrt{\sqrt{9^{8 \times 7}}} + 5^4 - 3} \times 1. \\
4826791 &= -9 - 8 + (7 + 6)^{4+2} - 1. \\
4831529 &= (\sqrt{9} + 8)^5 \times (-\sqrt{4} + 32) - 1. \\
4832619 &= (\sqrt{9})!! \times (-8 + (\sqrt{64})!/3!) - 21. \\
4912375 &= (\sqrt{9} \times 7! - 5) \times (4 + 321). \\
4915728 &= \sqrt{(\sqrt{9})!^8} \times (7 \times 542 - 1). \\
5127948 &= (\sqrt{9})! \times (8! + 7 \times 54) \times 21. \\
5163927 &= -(\sqrt{9})!! + (7!/6!)^5 \times 321. \\
5187294 &= ((\sqrt{9})! \times 8! + 7! + 54) \times 21. \\
5294167 &= 9 \times (7^6 \times 5 - 4) - 2 \times 1. \\
5314698 &= ((\sqrt{9} + 8)^6 + \sqrt{\sqrt{5^4}}) \times 3 \times 1. \\
5391684 &= 9 \times (86 \times (5 + 4))^{3-1}. \\
5769312 &= \sqrt{9^7} + 65^3 \times 21. \\
5821349 &= 985^{\sqrt{4}} \times 3 \times 2 - 1. \\
5927138 &= 98 + 7 \times (5 + 3)! \times 21. \\
5962341 &= (96 - 5)^{\sqrt{4}} \times 3!! + 21. \\
5972163 &= (97 + (6!/5)^3) \times 2 + 1. \\
6289317 &= 9 \times (8^7 - 6!)/3 + 21. \\
6291378 &= \sqrt{9} \times (8^7 + 6 - 32) \times 1. \\
6291384 &= \sqrt{9} \times 8 \times (64^3 - 2 - 1). \\
6291387 &= \sqrt{9} \times (8^7 - 6/3 - 21). \\
6291438 &= \sqrt{9} \times (8^6 \times 4 - 3) \times 2 \times 1. \\
6291578 &= \sqrt{9} \times 8^7 + (6 + 5)^2 + 1. \\
6291783 &= \sqrt{9} \times 8^7 + 6 + 321. \\
6298371 &= 9 \times ((8 + 7) \times 6^{3!} - 21). \\
6317592 &= ((\sqrt{9})! + 7!) \times (6! + 532 \times 1). \\
6324891 &= (9 \times 8 - 6)^4/3 - 21. \\
6357941 &= -(\sqrt{9})! + 7! \times (6! + 543) - 1. \\
6371982 &= (9 + 8!) \times (76 + 3) \times 2 \times 1. \\
6453891 &= \sqrt{9} \times (8 + 6)^5 \times 4 + 3 \times 1. \\
6453981 &= \sqrt{9} \times ((8 + 6)^5 \times 4 + 31). \\
6531972 &= ((9! + 7) \times 6 - 5) \times 3 + 21. \\
6539182 &= ((9 + 8) \times (6 + 5))^3 - 21. \\
6715924 &= 9! + 7^6 \times 54 - 2 \times 1. \\
6739215 &= (\sqrt{9} + 7 + 6^5/3)^2 - 1. \\
6894712 &= (9!/8 \times 76 - 4) \times 2 \times 1. \\
6914782 &= 98 \times (7! \times (6 + 4 \times 2) - 1). \\
6971328 &= ((\sqrt{9})!! + 8) \times 76 \times 3! \times 21. \\
6972481 &= 9! \times (87 + 6!)/42 + 1. \\
7239186 &= 9 \times ((87 + 6)^3 - 2 - 1). \\
7465391 &= 9!/7 \times 6!/5 + 431. \\
7489216 &= (98/7)^6 - (4 \times 2 \times 1)!. \\
7593821 &= 9 \times (8 + 75^3 \times 2) - 1. \\
7613928 &= (9! - 8 \times (7 + 6) \times 3) \times 21. \\
7619283 &= (9! - 8 - 7^{6/3}) \times 21. \\
7619325 &= (9! + 7 - 65 + 3) \times 21. \\
7619823 &= -(\sqrt{9})!! + ((\sqrt{87} - 6)! + 3) \times 21. \\
7621593 &= (9! + (7 - 6) \times 53) \times 21. \\
7623189 &= (9! - 87 + 6^3) \times 21. \\
7629153 &= (9! + 7 \times (6 + 53)) \times 21. \\
7632198 &= (9! + (87 + 6) \times 3!) \times 21. \\
7892631 &= -9 + 87 \times 6! \times 3! \times 21. \\
7892641 &= 9! \times 87/(6 - 4)/2 + 1. \\
7938125 &= ((\sqrt{9})! + 8) \times 753^2 - 1. \\
7968312 &= (\sqrt{9})! \times (8! - 76) \times (32 + 1). \\
8126349 &= 9 + (8^6 - 4) \times (32 - 1). \\
8419675 &= (-9 + 8^7 + 6^5) \times 4 - 1. \\
8531796 &= (98 - 7) \times 6 \times (5^{3!} + 1). \\
8627319 &= 9 \times ((8! + 76^3) \times 2 - 1). \\
8641923 &= (9 + 8! \times 643)/(2 + 1). \\
8732691 &= 9 \times (87 + 6 + 3!)^{2+1}. \\
9132485 &= (((\sqrt{9} + 8) \times 5)^{\sqrt{4}} - 3)^2 + 1. \\
9176328 &= (9 \times 8! + (7 \times 6)^3) \times 21. \\
9186325 &= 98 \times 6 \times (5^{3!} - 2) + 1. \\
9218376 &= -(-\sqrt{9} + 8)! + 76^3 \times 21. \\
9218673 &= 9 + (8 + 76^3) \times 21. \\
9418762 &= \sqrt{\sqrt{9^8}} \times (\sqrt{7^6} - \sqrt{4})^2 + 1. \\
9437182 &= (9 \times 8^7 - 4)/(3 - 2 + 1). \\
9437186 &= 9 \times 8^7/(6 - 4) + 3 - 1. \\
9528137 &= 9 + (87 + 5^3)^{2+1}. \\
9647215 &= -\sqrt{9} + 7^6 \times ((5 + 4)^2 + 1). \\
9723168 &= (\sqrt{9})!! + (8 + 7!) \times 6 \times 321. \\
9743581 &= ((\sqrt{9} + 8)^7 - 5 - 4)/(3 - 1). \\
9782451 &= \sqrt{9^8} \times (75 - 4) \times 21. \\
9834172 &= -\sqrt{9} + (8 \times 7)^4 - 321. \\
9857134 &= 98 \times 7 \times (5!^{\sqrt{4}} - 31). \\
2394756 &= (9^7 + 6543)/2. \\
2435897 &= ((\sqrt{9} + 8)^7 + 5) \times 4/32. \\
2469538 &= -\sqrt{9^8} + (-6 + 5^{\sqrt{4}})^{3+2}. \\
2469578 &= (98 \times 7! - 6) \times 5 + 4 \times 2. \\
2487936 &= -9! + 87 \times \sqrt{64^{3+2}}. \\
2534976 &= (\sqrt{9^7} - 6!) \times 54 \times 32. \\
2537649 &= (\sqrt{9} + 7 \times 6 \times (5 - 43))^2. \\
2539678 &= (9! + 8) \times 7 - 6 - 532. \\
2573968 &= -(\sqrt{9})!! + 8 \times 7! \times 65 - 32. \\
2743985 &= -9 - 8 + (7 \times 5 \times 4)^3 + 2. \\
2847659 &= (\sqrt{9} + ((8 + 7)^6 + 5)/\sqrt{4})/2. \\
2963748 &= 98 \times (7! \times 6 + \sqrt{4}) + 32. \\
2965478 &= 98 \times (7! \times 6 + 5 \times 4) - 2. \\
2983567 &= -\sqrt{(\sqrt{9})!^8} + 7 \times 653^2. \\
3247859 &= ((\sqrt{9} + 8)^7 - 5)/\sqrt{4}/3 - 2. \\
3259764 &= (9! - 76 \times (5 + 4)) \times 3^2. \\
3265879 &= -9 + 8! \times (76 + 5) - 32. \\
3265948 &= 9 \times (\sqrt{86 - 5})! - 4 + 32. \\
3265974 &= 9 \times ((\sqrt{76} + 5)! + \sqrt{4 + 32}). \\
3275968 &= (9!/8 + 7!) \times 65 - 32. \\
3295476 &= -(\sqrt{9})!! + 7! \times 654 + 3!^2. \\
3297856 &= (98 + \sqrt{7^6} \times 5 + 3)^2. \\
3427968 &= 9! + 8! \times 76 + 4! \times 32. \\
3456297 &= (-9 + 7!) \times (654 + 3!!)/2. \\
3497265 &= 9 \times (-7 + 6!) \times (543 + 2). \\
3529764 &= ((9 + 7^6) \times 5 + 4) \times 3 \times 2. \\
3594827 &= \sqrt{9} + 8 + ((7 + 5^4) \times 3)^2. \\
3628974 &= 98 + 76 + (4 \times 3 - 2)!. \\
3629785 &= 987 + (6 \times 5/3)! - 2. \\
3648952 &= -(\sqrt{9})! + 8!/6 \times 543 - 2. \\
3764829 &= -\sqrt{\sqrt{\sqrt{\sqrt{9^8}}}} + (7^6 + \sqrt{4}) \times 32.
\end{aligned}$$



$$\begin{aligned}
3764925 &= -\sqrt{9} + (7^6 + 5) \times 4^3/2. \\
3764928 &= (9 - 8 + 7^6 + 4) \times 32. \\
3765294 &= -\sqrt{9^7} + (6^5/4 - 3)^2. \\
3784296 &= ((\sqrt{9})!! \times 876 - 4) \times 3 \times 2. \\
3869472 &= (-\sqrt{9})! + 8! - 7) \times (64 + 32). \\
4237965 &= 9 \times (7 + 654 \times 3!!) - 2. \\
4268359 &= \sqrt{9} + (8 + 6 \times (5 + \sqrt{4})^3)^2. \\
4269753 &= 9^7 - 6^{5 \times (4^3 + 2)}. \\
4296853 &= (9 + 8 - 6) \times (5^{\sqrt{4^3}} - 2). \\
4296875 &= (\sqrt{9} \times 8 - 7 - 6) \times 5^{4 \times 2}. \\
4382976 &= 9! + 87 \times 64 \times (3!! + 2). \\
4593782 &= (\sqrt{9})! \times 875^{\sqrt{4}} + 32. \\
4596382 &= -98 + (-6 + 5!) \times (-4! + 32)!. \\
4695327 &= \sqrt{(\sqrt{9} \times 7)^6 \times (-5 + \sqrt{4^3})}. \\
4725369 &= 9^7 - (6 \times 5 \times \sqrt{4^3})^2. \\
4763529 &= 9^7 - (6^5 \times (\sqrt{4} + 3))/2. \\
4763925 &= 9^7 - 6 \times (5 \times 4 + 3)^2. \\
4782539 &= \sqrt{\sqrt{9^8 \times 7}} - 5 \times 43 \times 2. \\
4782569 &= 9^{8-7+6} - (5 \times 4)^2. \\
4782936 &= \sqrt{\sqrt{9^8 \times 7}} - 6 \times 4 - 3^2. \\
4782963 &= 9^8 / (7 + 6 - 4) - 3 \times 2. \\
4782965 &= 9^8 / \sqrt{76 + 5} - \sqrt{4^2}. \\
4783592 &= \sqrt{\sqrt{9^8 \times 7}} + \sqrt{5^{\sqrt{4^3}}} - 2. \\
4826739 &= -9 \times 8 + ((7 + 6)^{\sqrt{4}})^3 + 2. \\
4827963 &= \sqrt{9} - (87 - (\sqrt{64})!) \times (3 + 2)!. \\
4957236 &= ((\sqrt{9})!! \times 765 + 4) \times 3^2. \\
4982376 &= 987 \times (6 + (4 + 3)! + 2). \\
5267349 &= 9 \times (765^{\sqrt{4}} + 3!^2). \\
5293647 &= 9 \times (7^6 \times 5 - 4^3 + 2). \\
5293764 &= 9 \times (7^6 \times 5 - (4 + 3)^2). \\
5294367 &= 9 \times (7^6 \times 5 + \sqrt{4} \times 3^2). \\
5294376 &= ((\sqrt{9} + 7^6) \times 5 + 4) \times 3^2. \\
5294637 &= 9 \times 7^6 \times 5 + 432. \\
5294736 &= -9^7 + 6^{5+4} + 3^2. \\
5294763 &= 9 \times (7^6 \times 5 + 4^3 - 2). \\
5479236 &= -(\sqrt{9})!! + (7! + 6) \times 543 \times 2. \\
5489372 &= 98 \times 7 \times ((5 \times 4)^3 + 2). \\
5647392 &= \sqrt{9} \times (7^6 + 5) / \sqrt{4} \times 32. \\
5673924 &= (\sqrt{9^7} + \sqrt{65^{\sqrt{4}} \times 3})^2. \\
5679428 &= (9 + 8)^{(7-6) \times 5} \times \sqrt{4^2}. \\
6235978 &= ((\sqrt{9} + 8) + 7^6) \times 53 - 2. \\
6275849 &= \sqrt{9} \times (8^7 + 6) - 5^{4+2}. \\
6287349 &= \sqrt{9} \times (8^7 - (-6 + 43)^2). \\
6352794 &= 9 \times ((7^6 - 5) \times \sqrt{4} \times 3 + 2). \\
6357942 &= (-\sqrt{9})! + 7!) \times (6! + \sqrt{543^2}). \\
6385729 &= (9 + 8 \times 7 - 6^5/3)^2. \\
6538249 &= (9 + \sqrt{8^6} \times 5 - 4 \times 3)^2. \\
6547392 &= \sqrt{9} \times (7! + \sqrt{6!/5}) \times 432. \\
6592348 &= ((\sqrt{9})! + 8) \times (654 \times 3!! + 2). \\
6593742 &= (-9 + 7! \times 654 + 3!!) \times 2. \\
6853924 &= ((\sqrt{9} + \sqrt{8^6} \times 5 + 43)^2). \\
6893712 &= (\sqrt{9})! \times (-8 + 76 \times 3!!) \times 21. \\
7436529 &= ((97 - 6) \times 5! / 4 - 3)^2. \\
7465392 &= 9! / 7 \times 6! / 5 + 432. \\
7528936 &= (98/7)^6 - 5 \times (3 + 2)!. \\
7529438 &= -98 + (7 + 5 + \sqrt{4})^{3 \times 2}. \\
7529486 &= (98/7)^6 - \sqrt{5^4} \times 2. \\
7529648 &= (9 + 8 \times 7^6 + 5) \times 4 \times 2. \\
7534962 &= (9 - 7) \times (6^5/4 - 3)^2. \\
7864329 &= 9 + (8 + 7) \times 64^3 \times 2. \\
8542967 &= \sqrt{9} \times ((8 + 7)^6 - 5) / 4 + 2. \\
9483267 &= \sqrt{9} + ((8 + 76) \times \sqrt{4})^3 \times 2. \\
9548273 &= ((\sqrt{9} + 8)^7 - 5^{\sqrt{4^3}}) / 2. \\
9567234 &= (9^7 + 654 - 3!) \times 2. \\
9572836 &= ((98 - 7) \times (6 - 5! / 3))^2. \\
9743582 &= (((\sqrt{9} + 8)^7 + 5) / 4 - 3) \times 2. \\
1027356 &= (7 + 6^5) \times 3! \times (21 + 0!). \\
1037264 &= (7 \times 6)^4 / 3 + \sqrt{2^{10}}. \\
1053627 &= 7! + 6 + 5 + (3! - 2)^{10}. \\
1345670 &= 7! \times (65 + 4!) \times 3 - 10. \\
1352470 &= 7 \times (5 - 4! \times 3!)^2 \times 10. \\
1370642 &= (-7 + (\sqrt{64})!) \times (32 + 1 + 0!). \\
1374560 &= (76 - 5!)^{\sqrt{4}} \times (3!! - 10). \\
1406257 &= 7 + (6 \times 5^4)^2 / 10. \\
1452370 &= 7 \times 5! + 4 \times (3^2)! + 10. \\
1574630 &= (-7 + 6 + 54^3) \times 10. \\
1576320 &= (7! + 6 - 5!) \times 32 \times 10. \\
1632750 &= (-7 + 6^5 + 3!) \times 210. \\
1653407 &= 7! / 6! \times (5 + 4 \times 3^{10}). \\
1752064 &= (\sqrt{7^6} \times 5 - 4) \times 2^{10}. \\
1762304 &= (-7 + (6 \times \sqrt{4})^3) \times 2^{10}. \\
2073641 &= 7 - 6 + 4 \times (3!!^2 + 10). \\
2074365 &= 765 + 4 \times 3!!^2 \times 0!. \\
2167340 &= 7 \times (6! \times 43 + 2) \times 10. \\
2340576 &= 7 \times 6^5 \times 43 + 2 \times 0. \\
2345760 &= (7! - 6!) \times 543 + 2 \times 0. \\
2437015 &= 7^5 \times ((4 \times 3)^2 + 1) \times 0!. \\
2453760 &= (7! + 6!) \times (-5 + 432 - 0!). \\
2460375 &= (76 - 5 + 4^3)^{2+0!}. \\
2470631 &= 7^6 \times (4! - 3) + 2 + 1 \times 0. \\
2470651 &= (7^6 + 5 - 4) \times 21 + 0!. \\
2540137 &= 7 \times (5 + 4)! - 3 - 2 \times 10. \\
2540167 &= 7 + (6 + 5 - 4)!^2 / 10. \\
2540173 &= 7 \times ((5 + 4)! + 3) + 2 - 10. \\
2615370 &= -7! + 65 \times (-3! + (-2 + 10)!)!. \\
2716530 &= (-7 + 6!) \times (5 \times 3!! + 210). \\
3014675 &= -(76 + 5 + 4)^3 + 10!. \\
3240716 &= 7! \times 643 - 2^{1+0!}. \\
3245760 &= 7! \times (6 \times 54 + 320). \\
3254670 &= (7! + 6) \times (5 + \sqrt{4} \times 320). \\
3267540 &= (76 + 5) \times ((4!/3)! + 20). \\
3467520 &= (7 + 6 - 5)! \times 43 \times 2 \times 0!. \\
3472560 &= 7! \times (6! - 54 + 3 + 20). \\
3564710 &= (7! - 65 - 4!) \times 3!! - 10. \\
3564720 &= (7! - 65 - 4!) \times (\sqrt{3!!/20})!. \\
3604217 &= -7 - (6 \times 4^{3 \times 2} - 10)!. \\
3610572 &= (-76 \times 5! + 3!) \times 2 + 10!. \\
3615047 &= 76 - 5 - 4!^3 + 10!. \\
3617042 &= (7! - (\sqrt{64})!) / 3 + 2 + 10!. \\
3625740 &= -765 \times 4 + (3^2 + 0!)!. \\
3627501 &= 7 - 653 \times 2 + 10!.
\end{aligned}$$

$$\begin{aligned}
3641072 &= -7! + 6! \times 4! + 32 + 10!. \\
3641750 &= (7! + \sqrt{6 \times 54}) \times 3!! - 10. \\
3647120 &= 7^6 \times (4 + 3! + 21) + 0!. \\
3652107 &= \sqrt{((7 - 6^5) \times 3)^2} + 10!. \\
3657210 &= 7! \times (6! + 5) + 3210. \\
3674150 &= 7 \times 6! \times (5 + 4)^3 - 10. \\
3715604 &= -76 + 5! \times (4 + 3!!) + 10!. \\
3724560 &= 7! \times (6 \times 5! - 4 + 3 + 20). \\
3756240 &= (7! + 6! - 543) \times (2 + 0!)!. \\
3765120 &= (7^6 + 5 + 3!) \times \sqrt{2^{10}}. \\
4065721 &= (7 + 654)^2 + 10!. \\
4160237 &= 7! \times 6! - 4 + 3^{2+10}. \\
4170362 &= (76^4 + 3!!)/(-2 + 10). \\
4207136 &= (7^6 + 4!^3) \times \sqrt{2^{10}}. \\
4253760 &= 7 \times (6^5 \times 4 - 3!!) \times 20. \\
4372560 &= -7! + 6! \times (-5 + 4!) \times 320. \\
4563720 &= 7!/6 \times (5432 + 0!). \\
4706152 &= (7^6 \times 5 + 4!) \times (-2 + 10). \\
4716250 &= \sqrt{7^6} \times 5^4 \times (21 + 0!). \\
4732560 &= 7! \times (-6 + 5^4 + 320). \\
5012647 &= 7 + (6 \times (5! - \sqrt{4}))^2 \times 10. \\
5042176 &= (7 \times 6! - 5! + 4) \times 2^{10}. \\
5176320 &= (7 \times 6! + 5 \times 3) \times 2^{10}. \\
5241607 &= 7 + 65 \times \sqrt{4} \times (-2 + 10)!. \\
5241760 &= ((7 - 6 + 5)! + 4)^2 \times 10. \\
5243607 &= 7 + 6! + 5 \times (-4 + 3!)^{20}. \\
5340721 &= (7 + (5 + 43)^2)^{1+0!}. \\
5372640 &= 7! \times (65 - 4!) \times (3! + 20). \\
5413720 &= 754 \times (3!! - 2) \times 10. \\
5436720 &= (7! - 6) \times (5 + 4) \times 3! \times 20. \\
5463710 &= 7 \times (-6! + 5^{4+3} \times 10). \\
5671024 &= 7 \times (6 \times 5)^4 + 2^{10}. \\
6347510 &= 76 \times (5! - 4) \times 3!! - 10. \\
6352710 &= (7! \times 6 + 5 + 3!) \times 210. \\
6534720 &= (7 \times 6^5 + 4!) \times (3! \times 20). \\
6734025 &= ((7 + 6^5 + \sqrt{4})/3)^2 \times 0!. \\
6743520 &= 7! \times (6! - 54 + 3) \times 2 \times 0!. \\
7023614 &= (76 \times \sqrt{4})^3 \times 2 - 1 - 0!. \\
7203165 &= -7 \times 6^5 - 3 + 2 \times 10!. \\
7260135 &= (7!/6 + 5) \times 3 + 2 \times 10!. \\
7503124 &= (7 \times 5)^4 \times (3 + 2) - 1 \times 0!. \\
7564320 &= (-7! + 6! \times 5^4) \times (-3 + 20). \\
7610532 &= (7^6 - 5) \times 3 + 2 \times 10!. \\
1032578 &= 8 + (7! - 5! - 3) \times 210. \\
1035648 &= 8! + 6^5 \times 4 \times (3! + 0!). \\
1036785 &= -8 - 7 + 6 \times 5!^3/10. \\
1036824 &= 8 + (6!^{\sqrt{4}} + 3) \times 2 + 10. \\
1038256 &= -86 \times 5! + (3! - 2)^{10}. \\
1042568 &= (8 + 6 \times 5)^4/2 \times 1 \times 0!. \\
1046832 &= 8^6 \times 4 - 3!! - 2^{10}. \\
1046875 &= (-8 + \sqrt{7^6}) \times 5^{4+1} \times 0!. \\
1047568 &= -(8 - 7 + 6)!/5 + 4^{10}. \\
1047856 &= 8^7 - 6 \times 5! - 4^{10}. \\
1048326 &= -8! \times 64 + 3 \times 2 + 10!. \\
1048352 &= (8^5 - 4 - 3) \times \sqrt{2^{10}}. \\
1048362 &= (8 - 6) \times (4 + 3!!)^2 + 10. \\
1048372 &= 8^7/\sqrt{4} + 3! - 210. \\
1048376 &= 8 \times (7 + (-6! + 4!^3) \times 10). \\
1048527 &= (8^7 - 5! + \sqrt{4})/2 + 10. \\
1048532 &= -8 \times 5 - 4 + (3! - 2)^{10}. \\
1048536 &= (8^6 + 5) \times 4 - 3! \times 10. \\
1048562 &= -8 - 6 + (5 - \sqrt{4}/2)^{10}. \\
1048563 &= (8 - 6)^{5 \times 4} - 3 - 10. \\
1048567 &= 8 \times 7 - 65 + 4^{10}. \\
1048572 &= 8 - 7 - 5 + \sqrt{4^{2 \times 10}}. \\
1048573 &= (8^7 \times 5 - 4! - 3!)/10. \\
1048576 &= (8 - 7)^{65} \times 4^{10}. \\
1048623 &= 8 \times 6 + 4^{3^2+1} - 0!. \\
1048632 &= (8 + 6) \times 4 + (3! - 2)^{10}. \\
1048657 &= 87 - 6!/5! + 4^{10}. \\
1048675 &= 8 \times (7 + 6) - 5 + 4^{10}. \\
1048726 &= (8^7 + 6!)/\sqrt{4} - 210. \\
1048752 &= 8 \times 7 + 5! + \sqrt{4^{2 \times 10}}. \\
1048756 &= (8 + 7) \times \sqrt{6!/5} + 4^{10}. \\
1062834 &= (8 - 6) \times (-4! + 3^{2+10}). \\
1068472 &= -8 + 7! \times (6 - 4 + 210). \\
1074528 &= (8! + 7!/5) \times (4^2 + 10). \\
1075648 &= 8 \times (7^6 + \sqrt{(5 + \sqrt{4})^{10}}). \\
1203648 &= 8 \times (-6! - 4! + 3!! \times 210). \\
1208576 &= 8 \times 7! \times 6 \times 5 - 2^{10}. \\
1236480 &= 8!/6 \times 4 \times (3!^2 + 10). \\
1247380 &= ((8! + 7!/4) \times 3 - 2) \times 10. \\
1250486 &= (8! + 6^5) \times (4! + 2) - 10. \\
1265480 &= 8 \times (6! + 54^{2+1} + 0!). \\
1267048 &= (8 + 7!) \times (6 \times 42 - 1 \times 0!). \\
1268074 &= (-8 + 7!) \times 6 \times 42 + 10. \\
1273608 &= (876 + 3!!)^2/(1 + 0!). \\
1275680 &= (8! - 7 \times 65) \times \sqrt{2^{10}}. \\
1305684 &= 8^6 \times 5 + 4 - (-3 + 10)!. \\
1308672 &= 8! \times 7 + 6^{3!} \times (21 + 0!). \\
1327048 &= 8 \times (-7 + 4!^3 \times (2 + 10)). \\
1346082 &= (8 + 6!) \times 43^2 + 10. \\
1350678 &= -(8 + 7)^6/5 + 3 + 10!. \\
1368750 &= 876 \times 5^{3!}/10. \\
1370846 &= (8! - 7 + 6) \times (4 + 3 \times 10). \\
1378420 &= (-8 + 7^{\sqrt{4}})^3 \times 2 \times 10. \\
1378602 &= 87 \times (6 + 3!! \times (21 + 0!)). \\
1382406 &= 8 \times (6!^{\sqrt{4}}/3 + 2) - 10. \\
1406258 &= 8 + (6 \times 5^4)^2/10. \\
1407586 &= (8! \times 7 - 6!) \times 5 - 4 - 10. \\
1407835 &= (8! + 7! + 54) \times 31 + 0!. \\
1420876 &= \sqrt{(8 + 7)^6} \times 421 + 0!. \\
1428560 &= 8 \times (6! \times (5! + 4) \times 2 + 10). \\
1438560 &= 8 \times (6! + 5 \times 4) \times \sqrt{3^{10}}. \\
1452780 &= (8! + 7 \times 5) \times (4! + 2 + 10). \\
1453860 &= (8! + 65) \times (4 + 3! + 0!). \\
1457820 &= 8! + 7 \times 5!^4/2^{10}. \\
1508432 &= (8^5 + 4!) \times (3!^2 + 10). \\
1520876 &= (8 - 7 - 6 + 5!)^{2+1} + 0!. \\
1530874 &= -8^7 - 54 - 3!! + 10!. \\
1560384 &= (\sqrt{86 - 5})! \times 43/10. \\
1563840 &= 8 \times 6! \times 543/(1 + 0!). \\
1567380 &= 8! + (7! + 6 - 5!) \times 310. \\
1572480 &= 8! \times (7 \times 5 + 4) + 21 \times 0. \\
1580642 &= (865 + 4!)^2 \times (1 + 0!).
\end{aligned}$$

$$\begin{aligned}
1607824 &= (8 + 7 \times 6!/4)^2 + 1 \times 0. \\
1648520 &= 8 + 6^5 \times (\sqrt{4} + 210). \\
1653048 &= 8! \times (65 - 4!) - 3!/10. \\
1673280 &= 8! + 7 \times 6^3/2 \times 10. \\
1678320 &= (8! + 7!) \times (6 + 32 - 1 \times 0!). \\
1723680 &= (8 \times 7! + 6!) \times (32 + 10). \\
1728035 &= 8 \times 7 + 5!^3 - 21 \times 0!. \\
1728053 &= 8 \times 7 + 5!^3 - 2 - 1 \times 0!. \\
1734082 &= (8! + 7) \times 43 + 21 \times 0!. \\
1734280 &= 8^7 - \sqrt{4} - (3^2)! + 10. \\
1735480 &= 8 \times (7! + 5) \times 43 \times 1 \times 0!. \\
1758630 &= (8!/7 + 6) \times (-5 + 310). \\
1768250 &= 8! - (7 - 6! \times 5! \times 2) \times 10. \\
1768320 &= 8! + (7 - 6/3)!^{2+1} \times 0!. \\
1784360 &= (8!/7 - 6 + \sqrt{4}) \times 310. \\
1785064 &= (8 + 7 + 65^4)/10. \\
1786530 &= (8 + 7! + 6! - 5) \times 310. \\
1834560 &= 8! \times 65 \times (4 + 3)/10. \\
1854720 &= 8 \times 7! \times (54 + 2 - 10). \\
1854730 &= 8! \times (7 \times (5 + \sqrt{4}) - 3) + 10. \\
1864350 &= ((-8 + 6^5) \times 4! + 3) \times 10. \\
1874056 &= 8 + (76 - 5!)^4/(1 + 0!). \\
2041856 &= -8^6 + (5! \times 4)^2 \times 10. \\
2046758 &= 8^7 + 6 - 5! \times 420. \\
2056318 &= 8! \times (6 + 5 \times 3^2) - 1 - 0!. \\
2056718 &= 8^7 + 6 - 5! - (-2 + 10)!. \\
2073584 &= (-8 + 75 \times 4!^3) \times 2 \times 0!. \\
2073618 &= 8 + ((7! - 6!)/3)^2 + 10. \\
2073681 &= 87 - 6 + (3!! \times 2)^{1+0!}. \\
2081537 &= 8^7 - 5^{3 \times 2} + 10. \\
2085136 &= (8 + 6 \times 5)^{3+2-1 \times 0!}. \\
2085146 &= (8 + 6 \times 5)^{\sqrt{4} \times 2} + 10. \\
2087546 &= 8^7 - 6 - 5! \times 4 \times 20. \\
2137408 &= 8^7 - 4^3 + (-2 + 10)!. \\
2137480 &= 8^7 + (4!/3)! - 2 + 10. \\
2143680 &= -8!/6 \times (\sqrt{4} - 32!) \times 0!. \\
2163840 &= 8!/6 \times (\sqrt{4} + 32 \times 10). \\
2180734 &= (8 + 7!) \times 432 - 1 - 0!. \\
2180736 &= (8 + 7!) \times 6 \times (3 \times 2)!/10. \\
2185760 &= 8 \times 76 \times 5 \times ((2 + 1)!! - 0!). \\
2187360 &= 8! + 7! \times (6^3 + 210). \\
2317680 &= 87 \times 6! \times (3!^2 + 1 \times 0!). \\
2358710 &= 8 \times 7! \times (5! - 3)/2 - 10. \\
2370814 &= 8 + (7 \times 4!)^3/2 - 10. \\
2370816 &= (8 + 76)^3 \times 2 \times (1 + 0!). \\
2378460 &= -8! + (-7 + (\sqrt{64})!) \times 3 \times 20. \\
2418570 &= (8! - 7) \times 5!/ \sqrt{4} - 210. \\
2418760 &= ((8! - 7) \times 6 - 4 + 2) \times 10. \\
2503864 &= -8 + 6^5 \times (\sqrt{4} + 320). \\
2540168 &= 8 + (6 + 5 - 4)!^2/10. \\
2540178 &= 8 + 7 \times (\sqrt{(5 + 4)^2})! + 10. \\
2580167 &= -(8^7 - 6 + 5!)/2 + 10!. \\
2580416 &= (8! - 6 + 5) \times \sqrt{4} \times 2^{10}. \\
2580436 &= (8! - 6 + 5) \times 4^3 + 20. \\
2613580 &= 8! \times 65 - (3!! + 2) \times 10. \\
2613780 &= 8! + (7! + 6) \times (3!! - 210). \\
2751840 &= (8! + 7! \times 5) \times 42 + 1 \times 0. \\
2756180 &= (8! + 7^{6!/5!} \times 2) \times 10. \\
2784056 &= 8 \times (7 + (6! + 5) \times 4! \times 20). \\
2817360 &= (8! + 7!) \times 63 - (-2 + 10)!. \\
2834160 &= 8 \times 6 \times (-4 + (3!/2)^{10}). \\
3048625 &= (86 - 5 + 4^3)^{2+0!}. \\
3058617 &= 8 \times (7 + 6! \times 531) + 0!. \\
3064278 &= 8! \times 76 - 43 + 2 - 0!. \\
3064287 &= 8! \times 76 - \sqrt{4} - 32 + 0!. \\
3068417 &= 8! \times 76 + 4^3! + 1 \times 0!. \\
3120768 &= (8! + 7!) \times (6! - 32)/10. \\
3127680 &= -87 \times 6! \times (3! + 2) + 10!. \\
3146208 &= 8 \times 6 \times (4^{3!+2} + 10). \\
3154608 &= (-8 + 6!) \times (54 - 3!!) + 10!. \\
3172058 &= 8 + (7! - 5) \times 3 \times 210. \\
3172608 &= (-8 + 76) \times 3!^{(2+1)!} \times 0!. \\
3174850 &= (8! + 7! - 5) \times (4 + 3) \times 10. \\
3175208 &= 8 + 7!^{5-3}/(-2 + 10). \\
3175280 &= 8 \times ((7!/(5 + 3))^2 + 10). \\
3184570 &= 8! \times (75 + 4) - 3!! + 10. \\
3185270 &= 8! \times (75 + 3! - 2) - 10. \\
3207168 &= 87 \times 6 \times 3! \times 2^{10}. \\
3207681 &= (8!/7 - 63^2)^{1+0!}. \\
3217408 &= ((8 \times 7)^{\sqrt{4}} + 3!) \times 2^{10}. \\
3240817 &= (8 + 7!) \times \sqrt{4} \times 321 + 0!. \\
3241780 &= 8 \times 74^3 - 2 - 10. \\
3241807 &= 8 \times (74^3 + 2) - 1 \times 0!. \\
3251804 &= -(-8 + 5^4 - 3)^2 + 10!. \\
3271680 &= 8!/7 - ((6 - 3^2)!) + 10!. \\
3415680 &= 8 \times 6! \times (5^4 - 31 - 0!). \\
3457680 &= 8 \times (7 + 6! \times 5 \times 4) \times 30. \\
3457802 &= (8! + 7 - 5!) \times 43 \times 2 \times 0!. \\
3510864 &= -(8 + 6!) \times 54 \times 3 + 10!. \\
3518270 &= 87 \times (5! + (3! + 2)!) - 10. \\
3527840 &= (-8 + 7! \times 5 \times (4 + 3)) \times 20. \\
3541680 &= -8! - 65 \times (\sqrt{4} \times 3!) + 10!. \\
3548160 &= 8! \times ((6 \times 5 - 4) \times 3 + 10). \\
3561408 &= (\sqrt{8^6} - 54) \times \sqrt{3!^{10}}. \\
3561840 &= -(86 + 5 + \sqrt{4}) \times 3!! + 10!. \\
3571680 &= (8 - 76) \times (5! + 3!!) + 10!. \\
3580416 &= 8! \times 6/5 \times (4^3 + 10). \\
3582160 &= (8 - 6^5 \times 3) \times 2 + 10!. \\
3582740 &= 8!/7 \times (5^4 - 3) + 20. \\
3601248 &= (8 \times 6 - 4!^3) \times 2 + 10!. \\
3601785 &= -8 - 7 - (6 \times 5)^3 + 10!. \\
3608154 &= -86 \times 5! \times \sqrt{4} - 3! + 10!. \\
3610278 &= -(8 + 7 + 6)^3 \times 2 + 10!. \\
3612480 &= (-\sqrt{8^6} + \sqrt{4}) \times 32 + 10!. \\
3615082 &= -(8 + 6 + 5)^3 \times 2 + 10!. \\
3615840 &= -8! + 6! \times (-5 + 43) + 10!. \\
3617048 &= 8 + (7! - (\sqrt{64})!)/3 + 10!. \\
3618052 &= -86 \times 5^3 + 2 + 10!. \\
3618240 &= -(86 + \sqrt{4}) \times (3 + 2)! + 10!. \\
3618704 &= -(8! + 76)/4 + 3 + 10!. \\
3618720 &= -(8 + 76) \times (3 + 2)! + 10!. \\
3621408 &= -86^{\sqrt{4}} + 3! - 2 + 10!. \\
3621580 &= ((\sqrt{86} - 5)! - 3!! - 2) \times 10. \\
3621780 &= (-8 + 7!) \times 6! - 3! \times 210. \\
3627018 &= -8 \times (7 + 6^3) + (2 + 10)!. \\
3627180 &= -(87 + 6! + 3) \times 2 + 10!.
\end{aligned}$$

$$\begin{aligned}
3628014 &= -8 \times \sqrt{64} - 3!! - 2 + 10!. \\
3628017 &= -87 \times 6 \times 3/2 + 10!. \\
3628051 &= 8 - 6! - 5 - 32 + 10!. \\
3628071 &= -(87 - 6) \times 3^2 + 10!. \\
3628104 &= -8 - \sqrt{6! \sqrt{4}} + 32 + 10!. \\
3628105 &= 8 - 6! + 5 \times 3 + 2 + 10!. \\
3628140 &= -(86 + 4!) \times 3 \times 2 + 10!. \\
3628150 &= (8 + 6) \times 5 - (3 \times 2)! + 10!. \\
3628170 &= (8! - 7) \times 6 \times (3 + 2 + 10). \\
3628410 &= -8 \times (6 + 43) + 2 + 10!. \\
3628470 &= -8 + 7! \times 6! - \sqrt{4} - 320. \\
3628504 &= ((8 - 6) \times 5)! + 4! - 320. \\
3628510 &= 86 \times 5 - (3 \times 2)! + 10!. \\
3628701 &= -87 - 6 - 3 \times 2 + 10!. \\
3628710 &= 8 - 7^{6/3} \times 2 + 10!. \\
3628740 &= (8 - 7) \times ((6 + 4)! - 3 \times 20). \\
3628750 &= 8 + 7 - 65 + (3^2 + 0!)!. \\
3640128 &= 8 \times (6! - 4 \times 3) \times 2 + 10!. \\
3650487 &= 87 + 6! \times ((5 + \sqrt{4})! + 30). \\
3651087 &= (8 + 7^6 + 5!) \times 31 \times 0!. \\
3651840 &= (86 - 54) \times 3!! + 10!. \\
3670128 &= 8 \times (7! + 63 \times 2) + 10!. \\
3671850 &= 8! + 7 \times 65 \times 3! + 10!. \\
3675840 &= (8 + (7! + 65) \times 4!) \times 30. \\
3680214 &= 8! + 6 \times 43^2 + 10!. \\
3681704 &= 8 - 76 \times (4! - 3!!) + 10!. \\
3681720 &= 8! \times 7 \times 6/32 + 10!. \\
3684120 &= 8 \times (6 + 4!^3)/2 + 10!. \\
3687120 &= (87 - 6) \times (3 \times 2)! + 10!. \\
3706128 &= -8! + 7^6 - 3 + 2 + 10!. \\
3720816 &= 8! + 7! + 6^{3 \times 2} + 10!. \\
3754820 &= ((8! - 7) \times 5 - 4!^3) \times 20. \\
3758401 &= 87 \times 5! \sqrt{4} \times 3 + 1 \times 0!. \\
3764028 &= 8 \times 7^6 \times 4 - 3!! - 20. \\
3814560 &= 86 \times \sqrt{5 + 4} \times 3!! + 10!. \\
3816705 &= (87 \times 6! - 5) \times 3 + 10!. \\
3816720 &= 87 \times 6! \times 3!/2 + 10!. \\
3825410 &= 8^5 \times \sqrt{4} \times 3 + 2 + 10!. \\
3870614 &= (8! - 7) \times 6 - 4^3 + 10!. \\
3871064 &= 8 \times (7! \times 6 + 43) + 10!. \\
4058137 &= 8! + (75 - \sqrt{4})^3 + 10!. \\
4165380 &= (8 \times 6! - 54) \times (3!! + 10). \\
4205168 &= 8 \times ((6! + 5) \sqrt{4} + 21) \times 0!. \\
4251608 &= 8 \times ((6! + 5 + 4)^2 + 10). \\
4287301 &= \sqrt{87 \sqrt{4} \times 3} - 2 + 10!. \\
4302586 &= ((8 + 6)^5 \times 4 - 3) \times 2 \times 0!. \\
4327680 &= 8! \times 7/6 \times 4 \times (3 + 20). \\
4501873 &= 8 + (7 \times 5)^4 \times 3 - 10. \\
4537280 &= ((8! + 7!) \times 5 + 4^3) \times 20. \\
4537810 &= (-8 + 7^5 \times (4! + 3)) \times 10. \\
4538710 &= \sqrt{(8 - 7 + 5!)^4} \times 310. \\
4586370 &= 8! \times 7 \times 65/4 - 30. \\
4658310 &= (86 - 5) \sqrt{4} \times (3!! - 10). \\
4683720 &= (8! + 7 - 6^4) \times 3! \times 20. \\
4685120 &= (8 - 6 \times 5)^4 \times 2 \times 10. \\
4810752 &= 87 \times 54 \times 2^{10}. \\
4835760 &= (8! - 76 + 54) \times (3! - 0!)!. \\
4836720 &= (8! - 7 \times (6 - 4)) \times 3! \times 20. \\
4837560 &= (8! - 7) \times (6 - 5) \times 4 \times 30. \\
5012648 &= 8 + (6 \times (5! - \sqrt{4}))^2 \times 10. \\
5120874 &= 8! \times (7 + 5!) + 4! + 210. \\
5126480 &= (-8 + (6 \times 5! - 4)^2) \times 10. \\
5127608 &= (8 - 7 \times 6!) \times (5 - 2^{10}). \\
5143680 &= -8! + 6! \times (\sqrt{54/3!})!! \times 10. \\
5184320 &= ((8 - 5)!! \sqrt{4} + 32) \times 10. \\
5236480 &= (8^6 - 5 \times 4^3) \times 20. \\
5241608 &= (8! \times 65 + 4) \times 2 \times 1 \times 0!. \\
5241680 &= (-8 + (6 \times 5! + 4)^2) \times 10. \\
5243608 &= 8 + 6! + 5 \times (-4 + 3!)^{20}. \\
5243680 &= (8^6 + 5 \times 4!/3) \times 20. \\
5267840 &= 8! + (7! + 65) \times \sqrt{\sqrt{4}^{20}}. \\
5308416 &= (8 \times 6)^{5-(43! \times 0)!}. \\
5316480 &= -8! + 6 \times 5! \times 4! \times 310. \\
5378240 &= 8 \times 7^{5 \times (43 - 2 - 0)!}. \\
5710823 &= 8^7 - (5! + 3)^2 + 10!. \\
5726018 &= 8^7 + 6 + 5!/2 + 10!. \\
5726180 &= 8^7 - (6 - 5!) \times 2 + 10!. \\
5764801 &= (8 - 7 + 6) \sqrt{54+10}. \\
5803271 &= (8 + \sqrt{7^5+3})^2 - 10. \\
5806134 &= 8! \times 6!/5 + 4^3 - 10. \\
6048125 &= (8! \times 6 + 5) \times (4 + 21) \times 0!. \\
6138720 &= (8! - 7!) \times (-6 \times 3! + 210). \\
6250318 &= 8! \times 65 + 3!! - 2 + 10!. \\
6318750 &= (8! + 7^6) \times 5!/3 - 10. \\
6410872 &= -8 + 7! \times 6 \times (\sqrt{4} + 210). \\
6438520 &= -8 + 6^{5+\sqrt{4}} \times (3 + 20). \\
6531840 &= 8! \times 6 \times 54/(3 - 1 \times 0!)!. \\
6531870 &= 8! \times (7 \times 6 + 5!) + 3 \times 10. \\
6713280 &= 8! + 7! \times (63 \times 21 + 0!)!. \\
6857014 &= (8^7 + 6) \times 5 + 4! - 10!. \\
7023618 &= 8 \times 76^3 \times 2 + 1 + 0!. \\
7058632 &= -8 + (7^6 - 5) \times 3 \times 20. \\
7086513 &= -87 + 6! + 5! \times 3^{10}. \\
7153680 &= 8 \times (7 + 6!) \times (5! + 3) \times 10. \\
7215480 &= -8! - 75 \times 4! + 2 \times 10!. \\
7215840 &= -87 \times 5! \times 4 + 2 \times 10!. \\
7218640 &= (8 + 7!) \times (6! \times 4/2 - 10). \\
7218650 &= (8 + 7!) \times (6! - 5) \times 2 + 10. \\
7256810 &= 8 + 7 \times (6 - 5!) + 2 \times 10!. \\
7258014 &= (87 + 5!) \times \sqrt{4} + 2 \times 10!. \\
7258160 &= 8!/(7 + 65) + 2 \times 10!. \\
7258410 &= (8 + 7) \times 54 + 2 \times 10!. \\
7260481 &= 8 - 7 + 6! \times 4 + 2 \times 10!. \\
7263081 &= 87 \times 63 + 2 \times 10!. \\
7304528 &= 8 \times (75 + \sqrt{4})^3 \times 2 \times 0!. \\
7328160 &= 8 \times (7 + 6!) \times 3! \times 210. \\
7358240 &= (-8 + 7! + (54/3!)!) \times 20. \\
7361280 &= 8!/7 \times 6 \times (3 + 210). \\
7501824 &= ((87 - 5) \times 4!)^2 + 10!. \\
7516802 &= (87 \times 6! \times 5! + 2) + 1 \times 0. \\
7521840 &= (8 \times 7! + 5!) \times (-4! + 210). \\
7526380 &= 8! \times 7!/(6 \times 5 - 3) - 20. \\
7580416 &= 8! \times (7 \times 6 + 5!) + 4^{10}. \\
7586410 &= (876 - 5) \sqrt{4} \times 10. \\
7620318 &= (8! \times 7 - 6) \times (3! + 21 \times 0!)!. \\
7620481 &= 8! \times (7 + 6 - 4) \times 21 + 0!.
\end{aligned}$$

$$\begin{aligned}
7621803 &= (8! + 7) \times 63 \times (2 + 1) \times 0!. \\
7802361 &= (\sqrt{(8+7)^6} + 3!)^2 - 10!. \\
7813024 &= (8^7 - (4+3)!) \times 2 + 10!. \\
7823104 &= 8^7 \times (4-3) \times 2 + 10!. \\
7823106 &= 8^7 \times 6/3 + 2 + 10!. \\
7832160 &= (8! - 7!) \times (6 + 3! + 210). \\
7861035 &= (8! - 7) \times 65 \times 3 \times 1 \times 0!. \\
7864320 &= (8 + 7) \times 64^3 \times 2 \times 0!. \\
8126340 &= (8^6 - 4) \times (32 - 1 \times 0!). \\
8126403 &= (8^6 - \sqrt{4}) \times (32 - 1) + 0!. \\
8172360 &= (-8! + 7!/6) \times (3 - 210). \\
8213504 &= (8!/5 - 43) \times 2^{10}. \\
8271360 &= 8!/7 \times ((6! + 3) \times 2 - 10). \\
8316420 &= (8! - 6! - 4 + 3!) \times 210. \\
8317260 &= (8 \times 7! + 6 - 3!!) \times 210. \\
8372160 &= (8 \times 7! + 6!) \times (-3! + 210). \\
8451072 &= 8 \times 7!/5 \times (4! + 2^{10}). \\
8457120 &= (8! - (7 + 5) \times 4) \times 210. \\
8461320 &= (8! - \sqrt{6! + 4^3}) \times 210. \\
8465370 &= (8! \times 7 - 65 + 4) \times 30. \\
8465730 &= (8! - 7) \times (6 + 5 - 4) \times 30. \\
8467201 &= 8 - 7 + (\sqrt{64})! \times 210. \\
8467210 &= (8! \times 7 \times 6 + \sqrt{4})/2 \times 10. \\
8467320 &= (8! \times 7 \times 6/4 + 3!) \times 20. \\
8467350 &= (8! \times 7 + 6 - 5 + 4) \times 30. \\
8470563 &= (8 + (76 - 5^4))/3 \times 0!. \\
8670312 &= (8! + 7) \times 6^3 - (-2 + 10)!. \\
8706312 &= (8! - 7 - 6) \times (3! + 210). \\
8710632 &= (8! + 7) \times 6^3 + 21 \times 0. \\
8710642 &= (8! + 7) \times \sqrt{6^{4+2}} + 10. \\
1025973 &= (-9 + 7!/5) \times (3 + 2^{10}). \\
1029783 &= -9 - (8 + 7!) \times (3! - 210). \\
1029786 &= -(\sqrt{9})! + (8 + 7!) \times (-6 + 210). \\
1032579 &= 9 + (7! - 5! - 3) \times 210. \\
1034279 &= (9 + 7 \times 4! \times 3!)^2 - 10. \\
1036792 &= (9 - 7) \times (6 + 3!!^2 - 10). \\
1036829 &= 9 + (8 - 6) \times (3!!^2 + 10). \\
1038957 &= 9! - 87 \times (5 - \sqrt{3!^{10}}). \\
1047869 &= -\sqrt{9} - (8! + 7) \times 64 + 10!. \\
1047985 &= 9 - 8 \times 75 + 4^{10}. \\
1048329 &= 9 + 8! \times (4 + 32 - 10). \\
1048369 &= (9 + 8^6) \times 4 - \sqrt{3!^{10}}. \\
1048592 &= \sqrt{9} + 8 + 5 + \sqrt{4^{2 \times 10}}. \\
1048593 &= 9 + 8 + (5 - 4 + 3)^{10}. \\
1048596 &= \sqrt{9} \times 8/6 \times 5 + 4^{10}. \\
1048597 &= (98 + 7)/5 + 4^{10}. \\
1048659 &= 9 \times 8 + 6 + 5 + 4^{10}. \\
1048759 &= \sqrt{9} \times (8 \times 7 + 5) + 4^{10}. \\
1048792 &= (\sqrt{9})! + 8^7/\sqrt{4} + 210. \\
1048957 &= \sqrt{9} \times 87 + 5! + 4^{10}. \\
1049752 &= \sqrt{9^7} \times 5! \times 4 + 2 - 10. \\
1058769 &= 9 \times (-8 + 7^6 + 51 \times 0). \\
1058967 &= 9 \times (8 + 7^6 + 5 + 1 \times 0!). \\
1059467 &= 9 \times 7^6 + 5^4 + 1 \times 0!. \\
1059476 &= 9 \times 7^6 + 5^4 + 10. \\
1073295 &= (9! - 7! - 5) \times 3 - 210. \\
1073529 &= 9^7 - (5 + 3)! \times 2 - 10!. \\
1075369 &= ((9 + 7) \times 65 - 3)^{1+0!}. \\
1075489 &= 9 + (8! + 7^5 \times 4) \times 10. \\
1079568 &= (9 + 8) \times 7! \times (6 + 5!)/10. \\
1085392 &= 9 \times ((8! - 5!) \times 3 - 2) + 10. \\
1089362 &= (\sqrt{9})!! - 8! \times 63 + 2 + 10!. \\
1093674 &= -(\sqrt{9})! + (-7! + (\sqrt{64})!) \times 31 \times 0!. \\
1094856 &= ((\sqrt{9})!! - 8) \times 65 + 4^{10}. \\
1095687 &= -\sqrt{9^8} \times (\sqrt{7^6} - 510). \\
1098723 &= \sqrt{9} + 8! + 7 \times 3!! \times 210. \\
1098726 &= (\sqrt{9})! + 8! + 7 \times 6! \times 210. \\
1207689 &= 9 + (-8 + 7!) \times (6 - 2)! \times 10. \\
1208973 &= \sqrt{9} + (8!/7 - 3) \times 210. \\
1209348 &= 9! + (8! - 4 \times 3) \times 21 \times 0!. \\
1209375 &= \sqrt{9} \times (-75 + (3! + 2)! \times 10). \\
1209384 &= (9! + 8! - \sqrt{4}) \times 3 - 210. \\
1209537 &= 9 \times (-7^5 + 3!! \times 210). \\
1209548 &= (\sqrt{9})! \times 8! \times 5 - 42 - 10. \\
1209576 &= (-\sqrt{9} + 7! \times 6 \times 5) \times (-2 + 10). \\
1209638 &= (9! + 8! + 6) \times 3 + 2 \times 10. \\
1209648 &= (\sqrt{9})! \times (8 + (\sqrt{64})!/2 \times 10). \\
1209684 &= \sqrt{9} \times (8 + ((\sqrt{64})! + 2) \times 10). \\
1209746 &= 9! + (7 + (\sqrt{64})!) \times 21 - 0!. \\
1209768 &= \sqrt{9} \times (8 \times 7 + (6 + 2)! \times 10). \\
1238950 &= (-9 + (8 - 5! \times 3)^2) \times 10. \\
1239840 &= 984 \times 3! \times 210. \\
1243908 &= 9 \times (-8 + (4!^3 - 2) \times 10). \\
1243950 &= (\sqrt{9})!! \times \sqrt{(5! + 4!)^3} - 210. \\
1243980 &= 9 \times ((8 - 4!)^3 - 2) \times 10. \\
1247390 &= (\sqrt{97 + 4!})!/32 - 10. \\
1250649 &= (-9 + 6!) \times (-5 + 42^{1+0!}). \\
1254390 &= (9!/(54 \times 3!))^2 - 10. \\
1264798 &= 9^8 - (\sqrt{7^6} + 4)^{2+1}. \\
1269450 &= (9!/6 - 5!/4) \times 21 \times 0!. \\
1269870 &= (\sqrt{9})! \times (8! - 7!) \times 6 - 210. \\
1270396 &= (9! \times 7 + 632)/(1 + 0!). \\
1285390 &= (9 + 85 \times 3!!) \times 21 + 0!. \\
1289350 &= -(\sqrt{9})!! + (8! - 5) \times 32 - 10. \\
1290346 &= (\sqrt{9} + (\sqrt{64})!) \times 32 + 10. \\
1290358 &= (9 + 8! - 5) \times 32 - 10. \\
1290467 &= \sqrt{9} + (7 + (\sqrt{64})!) \times \sqrt{2^{10}}. \\
1290478 &= (9! - 8! + 7) \times 4 + 210. \\
1290538 &= (9 + 8!) \times (5 \times 3! + 2) + 10. \\
1294560 &= (\sqrt{9})!! \times (6! + 54 + 2^{10}). \\
1294570 &= (\sqrt{9})!! \times (75 \times 4! - 2) + 10. \\
1295370 &= -9 \times 7 + (5! \times 3)^2 \times 10. \\
1295460 &= 9 \times (-6 + 5!^{4/2}) \times 10. \\
1295830 &= (-9 - 8 + (5! \times 3)^2) \times 10. \\
1297408 &= (9 - (8 - 7!)/4) \times 2^{10}. \\
1297450 &= (\sqrt{9})!! \times (75 \times 4! + 2) + 10. \\
1327094 &= ((9 + 7) \times 4! \times 3)^2 - 10. \\
1329840 &= (\sqrt{9})!! \times (8 + 43^2 - 10). \\
1340927 &= 97 \times 4!^3 - 2 + 1 \times 0!. \\
1346950 &= ((\sqrt{9})! \times 6! + \sqrt{5^4}) \times 310. \\
1358790 &= (9 \times (-8 + 7!) + 5) \times 3 \times 10. \\
1359270 &= 9 \times ((7! - 5) \times 3 - 2) \times 10. \\
1360794 &= -(\sqrt{9})! + (7! + (\sqrt{64})!) \times 3 \times 10. \\
1362950 &= (\sqrt{9})! + (6 + 5)^3 \times 2^{10}.
\end{aligned}$$

$$\begin{aligned}
1370948 &= (9 + 8! - 7) \times (4 + 3 \times 10). \\
1375920 &= 9! - 7! \times (5! - 321 \times 0!). \\
1392650 &= ((\sqrt{9})! \times 6! + 5) \times (321 + 0!). \\
1396740 &= (97 \times 6! \times \sqrt{4} - 3!) \times 10. \\
1406259 &= 9 + (6 \times 5^4)^2/10. \\
1428690 &= (9! - 8 \times 6!) \times 4 + 210. \\
1452096 &= (9! + 6!/5) \times 4 + 21 \times 0. \\
1452930 &= (9! + 5!) \times 4 + 3!! + 210. \\
1457960 &= (-9 + (-7 + 6!) \times 5) \times 410. \\
1465920 &= (9! + 6! \times 5) \times 4 + 21 \times 0. \\
1469850 &= (-\sqrt{9!}/8! + 6!) \times 5 \times 410. \\
1479025 &= 9 + 7^5 \times 4 \times (21 + 0!). \\
1486092 &= (\sqrt{9})!! \times 86 \times 4! + 2 + 10. \\
1486093 &= \sqrt{9} + 86 \times 4! \times 3!! + 10. \\
1493082 &= 9 \times (8 \times (4! \times 3!)^2 + 10). \\
1493580 &= ((\sqrt{9})! + 85 \times 4!) \times (3!! + 10). \\
1495680 &= ((\sqrt{9})! \times 8 + 6! \times 5) \times 410. \\
1524096 &= 9! \times (6 - 5) \times 42/10. \\
1524960 &= -(\sqrt{9})!! \times (6 + 54^2) + 10!. \\
1539840 &= -(\sqrt{9})! \times 85 \times 4^3! + 10!. \\
1569840 &= \sqrt{9} \times 8 \times 65410. \\
1572490 &= (\sqrt{9})! \times 7! \times (54 - 2) + 10. \\
1579320 &= ((\sqrt{9})!! \times 7 - 5!) \times 321 \times 0!. \\
1586409 &= 9 + (8 + 6)^5 + 4^{10}. \\
1587609 &= 9 + (8! - 7!) \times (-6 + 51) \times 0!. \\
1592640 &= (9 \times (6! + 5!) + 4!) \times 210. \\
1593270 &= 9 \times (7 \times 5! + 3) \times 210. \\
1594280 &= \sqrt{9^{8+5}} - 42 - 1 \times 0!. \\
1594302 &= 9^{5+\sqrt{4}}/3 - 21 \times 0!. \\
1594306 &= (9^6 - 5 - 4) \times 3 + 10. \\
1594307 &= (9^7 - 54)/3 + 1 + 0!. \\
1594308 &= \sqrt{9^{8+5}} - \sqrt{4} - 3 - 10. \\
1594320 &= \sqrt{9} \times (-5 + 4 + 3^{2+10}). \\
1594360 &= (9^6 + 5 + 4) \times 3 + 10. \\
1597430 &= (-9 + 7! + 5! + \sqrt{4}) \times 310. \\
1609375 &= (97 + 6) \times 5^{3 \times (1+0!)}. \\
1630279 &= 97 \times \sqrt{(6 + 3 - 2)^{10}}. \\
1630928 &= -(9! + 86^3) \times 2 + 10!. \\
1632907 &= 9 \times (-7 + (6 + 3)!/2) + 10. \\
1632940 &= 9! \times 6/4 \times 3 - 2 \times 10. \\
1632950 &= 9! \times 6!/(5 \times 32) - 10. \\
1632970 &= 9!/7 \times 63/2 + 10. \\
1632980 &= 9!/8 \times 6 \times 3! + 2 \times 10. \\
1647089 &= \sqrt{\sqrt{\sqrt{\sqrt{9^8}} + 7^6} \times (4 + 10)}. \\
1657920 &= (9!/7 - 6 \times 5) \times \sqrt{2^{10}}. \\
1674930 &= (\sqrt{9} + 7! + 6!/ \sqrt{4}) \times 310. \\
1674980 &= (\sqrt{9})!^8 - 7! - 6 + 410. \\
1678092 &= (\sqrt{9})!^8 - 762 \times (1 + 0!). \\
1679280 &= (\sqrt{9})!^8 + 7 \times 6 \times (2 - 10). \\
1679304 &= (\sqrt{9})!^7 \times 6 - \sqrt{4} - 310. \\
1679402 &= (\sqrt{9})!^7 \times 6 - 4 - 210. \\
1679520 &= -97 + 6^{5+2+1} + 0!. \\
1679803 &= (\sqrt{9})!^8 + 7 + 6 \times 3 \times 10. \\
1679820 &= (\sqrt{9})!^{8!/7!} - 6 + 210. \\
1680379 &= (\sqrt{9})!^8 + 763 \times 1 \times 0!. \\
1680924 &= (\sqrt{9})!^8 + 6^4 + 2 + 10. \\
1684902 &= 98 + (6^4 + 2)^{1+0!}. \\
1689720 &= (\sqrt{9})! \times (8! \times 7 - 62 \times 10). \\
1690458 &= -(\sqrt{9})! + 8! - 65) \times (41 + 0!). \\
1690584 &= (-\sqrt{9} + 8! - 65) \times (41 + 0!). \\
1693470 &= 9! \times 7/6 \times 4 + 3 \times 10. \\
1694038 &= 98 \times (6 + 4! \times 3!!) + 10. \\
1695204 &= ((\sqrt{9} - 654) \times 2)^{1+0!}. \\
1704239 &= (\sqrt{9})!! \times (74 \times 32 - 1) - 0!. \\
1723590 &= 9 \times (7! \times (5!/3 - 2) - 10). \\
1723690 &= 9 \times 7! \times (6 + 32) + 10. \\
1723890 &= ((\sqrt{9})!! + 8!) \times 7 \times 3! + 210. \\
1728095 &= 9 + 87 + 5!^{2+1} - 0!. \\
1738590 &= (\sqrt{9})!^8 - 75 + 3^{10}. \\
1738920 &= (9! + (8 - 7!) \times 3)/2 \times 10. \\
1745890 &= -9! + 8! + (7! + 5) \times 410. \\
1753920 &= \sqrt{9} \times 7! \times (53 \times 2 + 10). \\
1756809 &= 9 + 8!/7 \times (6 \times 51 - 0!). \\
1759806 &= (-9 + 8!/7) \times 6 \times 51 \times 0!. \\
1764098 &= 98 + 7! \times (6!/ \sqrt{4} - 10). \\
1789230 &= (9! + 8 - 7!) \times (3 + 2) - 10. \\
1789240 &= (9! + 8 - 7!)/4 \times 2 \times 10. \\
1789630 &= ((\sqrt{9})!! \times 8 + 7 + 6) \times 310. \\
1792560 &= 97 \times (6! + 5!) \times (21 + 0!). \\
1793046 &= (\sqrt{9})! + (7! + 6! + 4!) \times 310. \\
1795320 &= -(\sqrt{9})!! \times (7! + 53)/2 + 10!. \\
1805496 &= ((\sqrt{9})!! + 8! - 6) \times (54 - 10). \\
1807954 &= \sqrt{9} + (8 + 7)^5 + 4^{10}. \\
1823409 &= \sqrt{9} \times 843 \times ((2 + 1)!! + 0!). \\
1834920 &= (9! + 8 + 4^3!)/2 \times 10. \\
1835490 &= -\sqrt{9} \times 85 \times (\sqrt{4} - 3!! \times 10). \\
1835940 &= ((\sqrt{9})!! \times 85 - \sqrt{4}) \times 3 \times 10. \\
1839570 &= (9 \times 8! + 7!) \times 5 - 3 \times 10. \\
1849670 &= (98 + 7!) \times 6!/ \sqrt{4} - 10. \\
1859760 &= 9!/8 \times (7 \times 6 - (51 \times 0!)). \\
1879260 &= \sqrt{9} \times (87 \times 6! + 2) \times 10. \\
1879350 &= ((\sqrt{9})!! \times 87 + 5) \times 3 \times 10. \\
1894320 &= -(\sqrt{9})!! - 8! \times \sqrt{43^2} + 10!. \\
1894730 &= -9 - (8! + 7) \times 43 + 10!. \\
1895036 &= (\sqrt{9})! + 8! \times (-6 + 53) + 10. \\
1895042 &= \sqrt{9} + 8! \times (5 + 42) - 1 \times 0!. \\
1895043 &= \sqrt{9} + 8! \times (54 + 3 - 10). \\
1895047 &= -\sqrt{9} + 8! \times (-7 + 54) + 10. \\
1904827 &= (9!/8 - 7) \times 42 + 1 \times 0!. \\
1907568 &= 9! + (8 + 7!) \times 6 \times 51 \times 0!. \\
1925380 &= 9! + 8 \times 5^3/10. \\
1932480 &= (98 + 4!) \times 3!! \times (21 + 0!). \\
1934602 &= (9!/6 - 4!) \times 32 + 10. \\
1935280 &= (\sqrt{9} \times 8! - 5) \times (3 \times 2 + 10). \\
1937450 &= 9! - (7 - 54^3) \times 10. \\
1948320 &= -9! + (8 - \sqrt{4})! \times 3210. \\
1950738 &= ((\sqrt{9})! + 8! + 7!) \times (53 - 10). \\
1952630 &= (9! \times 6 + 5!^3)/2 - 10. \\
1953072 &= -9 \times 7 + 5^3 + 10. \\
1953207 &= 9!/7! + 5^3 + 10. \\
1968750 &= (98 + 7) \times 6 \times \sqrt{5^{10}}. \\
1975680 &= 98 \times 7 \times 6! \times (5 - 1 \times 0!). \\
1978240 &= (9! + 8^{7-\sqrt{4}})/2 \times 10.
\end{aligned}$$

$$\begin{aligned}
1978560 &= (98 \times 7! + 6!) \times (5 - 1 \times 0!). \\
1984560 &= (9! - 8!) \times 6 + 5! \times 410. \\
2015689 &= 9 + ((8! - 6) \times 5 - 2) \times 10. \\
2015849 &= 9 + (8! \times 5 - 4^2) \times 10. \\
2015946 &= -9 \times 6 + 5 \times (4 \times 2)! \times 10. \\
2015948 &= (9! + 8!) \times 5 - 42 - 10. \\
2049861 &= (9^8 + 6!/\sqrt{4})/21 \times 0!. \\
2071958 &= (\sqrt{9})! + 8^7 - 5! \times 210. \\
2073619 &= 9 + ((7! - 6!)/3)^2 + 10. \\
2076489 &= 9 - 8! + 7 \times 6! \times 420. \\
2086479 &= -\sqrt{\sqrt{9^8}} + 7! \times (-6 + 420). \\
2086974 &= (9 - 8 + 7!) \times (-6 + 420). \\
2089367 &= -9 + 8^7 - 6^{3+2} \times 0!. \\
2095618 &= -(\sqrt{9})!! + (8! - 6) \times 52 + 10. \\
2095861 &= -(9 - 8! + 6) \times 52 + 1 \times 0!. \\
2096384 &= ((\sqrt{9})!! + 8 + 6!)^{\sqrt{4}} - 320. \\
2096431 &= -(\sqrt{9})!! + (\sqrt{64} - 3!)^{21} - 0!. \\
2096714 &= ((9 - 7) \times (6! + 4))^2 + 10. \\
2097135 &= -9 - 7 + (5 - 3)^{21} - 0!. \\
2097138 &= 9 + 8^7 - 3 - 2 \times 10. \\
2097143 &= -9 + (7 - \sqrt{4} - 3)^{21} \times 0!. \\
2097145 &= ((9 + 7)^5 - 4) \times 2 + 1 \times 0!. \\
2097148 &= (\sqrt{9})! + 8^{\sqrt{7+42}} - 10. \\
2097148 &= (\sqrt{9} + 8^7/\sqrt{4}) \times 2 - 10. \\
2097153 &= 9 - 7 + (5 - 3)^{21} - 0!. \\
2097154 &= ((9 + 7)^5 - 4) \times 2 + 10. \\
2097158 &= 9 + 8^7 + 5 + 2 - 10. \\
2097164 &= (9 - 7) \times 6 + \sqrt{4^{21}} \times 0!. \\
2097168 &= 9 + 8^7 - 6/2 + 10. \\
2097184 &= -9 + 8^7 + 42 - 1 \times 0!. \\
2097186 &= \sqrt{9} + 8^7 + 62/(1 + 0!). \\
2097638 &= (\sqrt{9})! + 8^7 + \sqrt{6!} \times 320. \\
2098167 &= -\sqrt{9} + 8^7 - 6 + 2^{10}. \\
2098173 &= \sqrt{9} + 8^7 - 3! + 2^{10}. \\
2098176 &= (\sqrt{9})! \times 8^7/6 + 2^{10}. \\
2109375 &= 9 \times 75 \times \sqrt{(3 + 2)^{10}}. \\
2140379 &= ((\sqrt{9})!! + 743)^2 + 10. \\
2147098 &= (9! + 8 - 7!) \times (4 + 2) + 10. \\
2154960 &= 9! \times 6 + 5! \times (4! - 210). \\
2165940 &= 9! \times 6 - 54 \times 210. \\
2169503 &= 9 \times 6^5 \times (32 - 1) - 0!. \\
2175930 &= (9! - 75 \times 3) \times (2 + 1 \times 0!)!. \\
2176890 &= 9 \times (8! - 7) \times 6 - 2 - 10. \\
2176980 &= (9! - 8 - 7) \times 6 - 210. \\
2179450 &= 9 \times (7! + 5) \times 4! \times 2 + 10. \\
2179560 &= (9! + 76 \times 5) \times (2 + 1 \times 0!)!. \\
2194350 &= (9! + 5! \times 4!) \times 3! - 210. \\
2194560 &= 9! \times 6 + (5 \times \sqrt{4})!/210. \\
2301694 &= -96 \times 4!^3 - 2 + 10!. \\
2310975 &= 9! - 7! + 5^{3^2} + 10. \\
2319408 &= ((\sqrt{9})!! + 8) \times (-4! + 3210). \\
2319840 &= (\sqrt{9})!! \times (8 + 4 + 3210). \\
2361970 &= \sqrt{9^7} \times 6! \times 3/2 + 10. \\
2361980 &= (\sqrt{9^8} \times 6 \times 3! + 2) \times 10. \\
2375980 &= -(\sqrt{9})!! + 8! \times (7 + 53) - 20. \\
2384960 &= 9! \times 8 - 6!^{\sqrt{4}} + 320. \\
2389170 &= (9! + 8! - 7!) \times 3! + 210. \\
2390547 &= (9^7 - 5^4 \times 3)/2 \times 0!. \\
2391450 &= ((\sqrt{9})!! + 5^{\sqrt{4}}) \times 3210. \\
2395041 &= (9! + 5) \times (4^3 + 2)/10. \\
2395140 &= (9!/5 + 4) \times (32 + 1) \times 0!. \\
2415980 &= ((\sqrt{9})! \times (8! - 54) + 2) \times 10. \\
2418690 &= (-9 + 8! \times 6 - 42) \times 10. \\
2418930 &= (9 + 8!) \times (\sqrt{4} - 32) + 10!. \\
2418960 &= ((\sqrt{9} + 8!) \times 6 - 42) \times 10. \\
2419308 &= (9 + 8! \times (\sqrt{4} + 3)) \times (2 + 10). \\
2419360 &= (9! + 6 \times 4)/3 \times 2 \times 10. \\
2419380 &= (\sqrt{9} + 8!) \times 4 \times 3/2 \times 10. \\
2419580 &= (\sqrt{9} \times (8! + 5) + 4) \times 2 \times 10. \\
2419680 &= ((9 + 8!) \times 6 - 4 - 2) \times 10. \\
2419830 &= (\sqrt{9} + 8 \times \sqrt{4} \times 3!) \times 210. \\
2419860 &= ((\sqrt{9})! \times 8! + 64 + 2) \times 10. \\
2456970 &= 9! + (7! + 6) \times (-5 + 420). \\
2460395 &= (9 \times (6 + 5 + 4))^3 + 20. \\
2461980 &= (((\sqrt{9})!! + 8!) \times 6 - 42) \times 10. \\
2470569 &= \sqrt{9} \times (7^{6+5-4} - 20). \\
2470619 &= \sqrt{9} \times 7^{6+\sqrt{4}/2} - 10. \\
2479680 &= 9! \times 8 - 7! \times (64 + 20). \\
2480693 &= (\sqrt{9!}/8!) \times 643^2 - 0!. \\
2480976 &= (\sqrt{9})!^8 - 7! + (\sqrt{64})! \times 20. \\
2489760 &= 9! + 8! + 7! \times (-6 + 420). \\
2490368 &= 9 \times 8^6 + \sqrt{4^{-3+20}}. \\
2491057 &= 9! - (7 \times 5)^4 + 2 + 10!. \\
2497068 &= (98 + 7!) \times (6 + 4! \times 20). \\
2513790 &= (9 + 7! - 5!) \times (3! - 210). \\
2514960 &= (9!/6! - 5) \times 4! \times 210. \\
2519406 &= 9 \times (6^{5+\sqrt{4}} - 2) + 1 \times 0. \\
2519604 &= 9 \times (6^{5+\sqrt{4}} + 2 \times 10). \\
2539074 &= 9! \times 7 - 543 \times 2 \times 0!. \\
2539104 &= 9^5 \times 43 - 2 - 1 \times 0!. \\
2539740 &= 9! \times 7 - 5 \times (4^3 + 20). \\
2539760 &= 9! \times 7 - 6 \times 5! + 320. \\
2539840 &= 9! + 8! \times 54 - 320. \\
2540169 &= 9 + (6 + 5 - 4!)^2/10. \\
2540179 &= 9! \times 7 - 5 + 4 + 2 \times 10. \\
2540789 &= (9! + 87) \times (5 + \sqrt{4}) + 20. \\
2547960 &= 9! \times 7 + 6^5 + 4 + 20. \\
2591740 &= (9!/7 \times 5 - 4! - 2) \times 10. \\
2607359 &= 97 \times (6! + 5!) \times 32 - 0!. \\
2617590 &= (-9 + (7! - 6) \times 52) \times 10. \\
2618950 &= (-9 + 8^6 - 5! \times 2) \times 10. \\
2651890 &= (-\sqrt{9} + \sqrt{8^6}) \times 5210. \\
2689150 &= (\sqrt{9} + (8 + 6)^5/2) \times 10. \\
2704319 &= (\sqrt{9})!! \times (7! - 4 \times 321) - 0!. \\
2715960 &= 9! + (7^6 + 5) \times 2 \times 10. \\
2719460 &= (9 \times (7! \times 6 - 4!) + 2) \times 10. \\
2730968 &= -(\sqrt{9})!! + 8 + 7! \times (632 - 0!). \\
2735094 &= (-\sqrt{9} + 7!) \times 543 + 2 + 0!. \\
2740895 &= (9 + 8 + 7!) \times 542 + 0!. \\
2743980 &= -((\sqrt{9} - 8) \times 7 \times 4)^3 - 20. \\
2745960 &= (9 \times (7 + 6!) - 5) \times 420. \\
2780459 &= ((\sqrt{9})!!/8 + 7!) \times 542 - 0!. \\
2840913 &= \sqrt{9^8} \times (432 + 1 \times 0!). \\
2857190 &= (9 + 8) \times 7^{\sqrt{5^2}} \times 10. \\
2893401 &= 98/\sqrt{4} \times (3!/2)^{10}.
\end{aligned}$$

$$\begin{aligned}
2893410 &= \sqrt{9} \times (8! \times 4! - 3210). \\
2896340 &= 9! \times 8 - (\sqrt{64})!/3! + 20. \\
2901487 &= 9! \times 8 - 74 \times 21 + 0!. \\
2901835 &= 9! \times 8 - 5 - (3 + 2)! \times 10. \\
2903148 &= (9 + 8! \times \sqrt{4} \times 3) \times (2 + 10). \\
2903154 &= -(9! - 54 - 3) \times 2 + 10!. \\
2903168 &= (9! + 8 \times 6/3) \times (-2 + 10). \\
2903184 &= 9! \times 8 + 4 \times 3 \times (2 + 10). \\
2903185 &= 9! \times 8 + 5^3 + 2 \times 10. \\
2903186 &= (9! + 8) \times 6 \times 3 + 2 - 10!. \\
2903187 &= 9! \times 8 + 73 \times 2 + 1 \times 0!. \\
2903418 &= 9 \times (8 \times (4 + (3! + 2)!) + 10). \\
2903478 &= 9! \times 8 + 7 + 432 - 0!. \\
2903481 &= 9! \times 8 + (4! - 3) \times 21 \times 0!. \\
2903561 &= (9! + 65) \times (3^2 - 1) + 0!. \\
2903584 &= 9! \times 8 + 543 + 2 - 0!. \\
2903647 &= (9! + 76)/4 \times 32 - 0!. \\
2903814 &= -9 \times (8! - 43) \times 2 + 10!. \\
2904368 &= 9! \times 8 + 6^4 + 32 \times 0!. \\
2907468 &= 9 \times ((8 + 7!) \times 64 - 20). \\
2907648 &= 9 \times (8 + 7!) \times 64 + 2 \times 0. \\
2907841 &= 9! \times 8 + 7^4 \times 2 - 1 \times 0!. \\
2908371 &= 9! \times 8 + 73^2 + 1 + 0!. \\
2913084 &= -(\sqrt{9} + 843)^2 + 10!. \\
2914706 &= (9 + 7!) \times 6^4 + 2 - 10!. \\
2931840 &= 9! \times 8 + 4 \times (3 \times 2)! \times 10. \\
2943680 &= 9! + 8! \times 64 + 320. \\
2945160 &= (9! + 6!) \times (5 + 4)^2/10. \\
2945310 &= (\sqrt{9})!! \times (-5 + 4^{3!}) - 210. \\
2956803 &= \sqrt{9} + 8!/6 \times (5! + 320). \\
2958403 &= \sqrt{9} + (8 \times 5 \times 43)^2 \times 0!. \\
2964108 &= 98 \times 6 \times ((4 + 2 + 1)! + 0!). \\
2965480 &= 98 \times (6 \times (5 + \sqrt{4})! + 20). \\
2967048 &= 98 \times (7! + 6) \times (4 + 2) \times 0!. \\
2983014 &= (-9 + 8!) \times (\sqrt{4} \times 32 + 10). \\
2983015 &= (-9 + 8!) \times (53 + 21) + 0!. \\
2983104 &= (\sqrt{9})!! - (84 + 3!!)^2 + 10!. \\
2983560 &= 9! + 8! \times 65 - 3! \times 20. \\
2983704 &= -9 + 8! \times 74 + 32 + 0!. \\
2983740 &= \sqrt{9} \times (8! \times 74/3 + 20). \\
2984160 &= 9! + (8^6 - 4^2) \times 10. \\
3012569 &= -(\sqrt{9})! - (65 + 3!!)^2 + 10!. \\
3018957 &= -\sqrt{9} + 8! \times 75 - (-3 + 10)!. \\
3024795 &= (\sqrt{9})!! + 75 \times ((\sqrt{\sqrt{4} \times 32})! + 0!). \\
3025497 &= -\sqrt{9} + 75 \times ((4!/3!) + 20). \\
3048192 &= 9! \times 84/((3 - 2) \times 10). \\
3048912 &= (\sqrt{9})!! + 84 \times (3^2)!/10. \\
3049765 &= ((\sqrt{9})!! + 7) \times (65^{\sqrt{4}} - 30). \\
3052719 &= -((\sqrt{9})! + 753)^2 + 10!. \\
3062794 &= -(\sqrt{9})! + 76 \times ((4!/3!) - 20). \\
3064297 &= -\sqrt{9} + 76 \times (4!/3!) - 20. \\
3064978 &= (\sqrt{9} + 8!) \times 76 + 430. \\
3104529 &= -95 - (4 + 3!!)^2 + 10!. \\
3104679 &= ((\sqrt{9})! + 7) \times (-\sqrt{64})! + 3) + 10!. \\
3105792 &= (9 + 7!/5 \times 3) \times 2^{10}. \\
3109725 &= -9 \times 75 - 3!!^2 + 10!. \\
3125089 &= 9 + 8 \times (5^{3!+2} + 10). \\
3129750 &= 975 \times 3210. \\
3129840 &= 9 \times 8!/4! \times (-3 + 210). \\
3145790 &= ((9 + 7)^5 + 4!) \times 3 - 10. \\
3149250 &= (-\sqrt{9} + 54^3 \times 2) \times 10. \\
3149260 &= ((\sqrt{9} \times 6)^4 \times 3 - 2) \times 10. \\
3149280 &= (9 \times (8 - \sqrt{4}))^3 \times 2 \times 10. \\
3157920 &= \sqrt{9} \times (7! + 5!) \times (-3! + 210). \\
3160947 &= -(9 \times 76)^{\sqrt{4}} + 3 + 10!. \\
3172059 &= 9 + (7! - 5) \times 3 \times 210. \\
3172890 &= (-\sqrt{9} - 8 + 7! \times 3) \times 210. \\
3175029 &= -9 \times (7^5 \times 3 - 2) + 10!. \\
3175209 &= 9 + 7!^{5-3}/(-2 + 10). \\
3175920 &= (\sqrt{9})!! + 7! \times (5! + 3!! - 210). \\
3176509 &= (9 \times 7^6 - 5) \times 3 + 1 \times 0!. \\
3179602 &= (-9 + 7!) \times 632 + 10. \\
3180962 &= (98 - 6!) \times 3!! + 2 + 10!. \\
3185290 &= -9! + 8! \times (5! - 32) + 10. \\
3197250 &= (\sqrt{9} \times 7) \times (5 + 3!!) \times 210. \\
3214890 &= \sqrt{9^8} \times (4 + 3)^2 \times 10. \\
3240697 &= -\sqrt{9} + 7! \times 643 - 20. \\
3248910 &= \sqrt{\sqrt{9^8}} \times ((4!/3!) - 210). \\
3250791 &= -9 + (7! + 5!) \times 3 \times 210. \\
3250794 &= -(\sqrt{9})! + 7! \times (5 + \sqrt{4} \times 320). \\
3259460 &= (9! - 6!) \times 54/3! + 20. \\
3265940 &= (9 - 6) \times (5 + 4!) \times 3 + 20. \\
3265980 &= 9 \times (\sqrt{86 - 5})! + 3 \times 20. \\
3269017 &= (9! + \sqrt{7^6}) \times 3^2 + 10. \\
3271890 &= -9! + (8 + 7!) \times 3!! + 210. \\
3279150 &= (-\sqrt{9} - 7 + 5^{3!}) \times 210. \\
3296170 &= \sqrt{9} \times 7! \times (6^3 + 2) + 10. \\
3401957 &= -9 \times 7! \times 5 - 43 + 10!. \\
3412079 &= -\sqrt{9} - 7! \times 43 + 2 + 10!. \\
3418560 &= -(8 + 65) \times 4 \times 3!! + 10!. \\
3426180 &= (8!/6 - \sqrt{4}) \times (3!! - 210). \\
3427190 &= (9! - 7! \times 4 - 3 + 2) \times 10. \\
3429501 &= (95 \times \sqrt{4})^3/2 + 1 \times 0!. \\
3429510 &= (95 \times \sqrt{4})^3/2 + 10. \\
3475980 &= (\sqrt{9} \times 8! - 7! - 54) \times 30. \\
3481920 &= -(98 + 4) \times 3!! \times 2 + 10!. \\
3490125 &= -\sqrt{9} \times (5 \times 43)^2 + 10!. \\
3490568 &= 9! + 8 \times (6! \times 543 + 0!). \\
3491780 &= (-98 + 7! - 4!) \times (3!! - 10). \\
3507829 &= 9 + 87 \times (5 + 3!) - 20. \\
3507849 &= 9 + 8! \times (75 + 4 \times 3) \times 0!. \\
3507918 &= -\sqrt{9} \times 8! + 75 + 3 + 10!. \\
3508274 &= 87 \times (5 + (\sqrt{\sqrt{4} \times 32})!) - 0!. \\
3508719 &= 9 + 87 \times ((5 + 3)! + 10). \\
3520791 &= -9 - 75 \times 3!! \times 2 + 10!. \\
3529460 &= -(\sqrt{9})!! \times (6 - 5!) \times 43 + 20. \\
3529760 &= (9 + 7^6) \times 5 \times 3! + 20. \\
3541970 &= (\sqrt{9})!! \times (7! - 5!) - 43 \times 10. \\
3542190 &= (\sqrt{9})!! \times (-5! + (4 + 3)!) - 210. \\
3542960 &= 9^6 \times 5 \times 4/3 + 20. \\
3569107 &= (-9! + 7!)/6 - 53 + 10!. \\
3571920 &= (\sqrt{9})!! \times (-75 - 3! + 2) + 10!. \\
3572190 &= 9 \times ((7!/(5 + 3))^2 + 10). \\
3574190 &= (9! - (7 + 5!) \times 43) \times 10. \\
3576901 &= -9!/7 - 6 - 53 + 10!.
\end{aligned}$$



$$\begin{aligned}
3579104 &= -(\sqrt{9})! + (75 - 4)^3 \times 10. \\
3579120 &= ((\sqrt{9})! - 75) \times (3 \times 2)! + 10!. \\
3579140 &= (\sqrt{9} + (75 - 4)^3) \times 10. \\
3579840 &= (\sqrt{9})!! \times (875 + 4^{3!} + 0!). \\
3582970 &= (-98 + 7!) \times (5 + 3!!) + 20. \\
3584079 &= 9 \times (8! + (75 - 4)^3) \times 0!. \\
3589140 &= (\sqrt{9})!! - 8! - 54 - 3! + 10!. \\
3591280 &= -9 - 8! + 53^2 + 10!. \\
3594108 &= 98 \times (-5! + \sqrt{4}) \times 3 + 10!. \\
3594780 &= \sqrt{9} \times (8! - 7 \times 54) \times 30. \\
3597120 &= (\sqrt{9})!! \times (7 - 53 + 2) + 10!. \\
3601794 &= -(\sqrt{9})! \times 7 \times 643 + 10!. \\
3601924 &= ((\sqrt{9})! - (\sqrt{64})!)/3 \times 2 + 10!. \\
3604912 &= -(\sqrt{9})!! - (6! + 4) \times 32 + 10!. \\
3607194 &= -9 \times \sqrt{7\sqrt{64}} + 3 + 10!. \\
3607918 &= (-\sqrt{9})! + 87 \times 6!/3 + 10!. \\
3614905 &= -(\sqrt{9})! - 65 - 4!^3 + 10!. \\
3617049 &= 9 + (7! - (\sqrt{64})!)/3 + 10!. \\
3617920 &= (\sqrt{9} - \sqrt{7^6}) \times 32 + 10!. \\
3618059 &= 9 - 86 \times 5^3 + 10!. \\
3618940 &= -986 \times (4 + 3!) + 10!. \\
3619450 &= (9! - 6! - 5 \times 43) \times 10. \\
3619704 &= -(\sqrt{9})! \times (76 + \sqrt{4} \times 3!!) + 10!. \\
3619740 &= 9 - 7 \times 6^4 + 3 + 10!. \\
3619840 &= (9! - (8 + 6) \times 4^3) \times 10. \\
3620519 &= -(96 - 5)^{\sqrt{3! - 2}} + 10!. \\
3621059 &= \sqrt{9} - 6^5 + 32 + 10!. \\
3621409 &= (9 \times 6 + 43^2)^{1+0!}. \\
3621590 &= (9! - 6! + 5 - 3 \times 2) \times 10. \\
3621908 &= -\sqrt{9} - (86 - 3)^2 + 10!. \\
3621940 &= (9! - 6! + \sqrt{4} + 32) \times 10. \\
3624190 &= -9 \times \sqrt{64^3} - 2 + 10!. \\
3624901 &= -9 - 6^4 \times 3 - 2 + 10!. \\
3624910 &= -9 \times 6^4/3 - 2 + 10!. \\
3625190 &= (9! - (6! + 5 - 3)/2) \times 10. \\
3625910 &= (9! - (6 + 5 + 3!)^2) \times 10. \\
3627190 &= -(9 + 76 + 3!!) \times 2 + 10!. \\
3627904 &= (\sqrt{9} + 7)! + 64 \times (3! - 20). \\
3627940 &= (9 + 7 - 6)! - 43 \times 20. \\
3628019 &= -(\sqrt{9!}/8!)!! - 63 + 2 + 10!. \\
3628079 &= -(\sqrt{9})!! + (\sqrt{-8 + 76 + 32})! - 0!. \\
3628091 &= 9 + 8 - 6! - 3 \times 2 + 10!. \\
3628109 &= -(\sqrt{9} + 8) \times 63 + 2 + 10!. \\
3628190 &= (9 \times 8! - 63 + 2) \times 10. \\
3628709 &= -98 + 7 + (\sqrt{6!}/3! - 20)!. \\
3628790 &= -9 + (\sqrt{-8 + 76 + 32})! - 0!. \\
3628901 &= 9 + 86 + 3 \times 2 + 10!. \\
3628904 &= 98 + 6 + (4 \times 3 - 2)! \times 0!. \\
3628910 &= 9 \times 8 + 6 + 32 + 10!. \\
3628940 &= (9! + 8) \times (6 + 4) + 3 \times 20. \\
3629014 &= 9 \times \sqrt{64} \times 3 - 2 + 10!. \\
3629015 &= 96 + 5! - 3 + 2 + 10!. \\
3629017 &= 97 + 6!/(3 \times 2) + 10!. \\
3629018 &= (9 - 8) \times 6^3 + 2 + 10!. \\
3629041 &= 964/(3! - 2) + 10!. \\
3629048 &= -9 \times 8 + (6 + 4)! + 320. \\
3629051 &= -9 + 65 \times (3! - 2) + 10!. \\
3629071 &= (97 - 6) \times 3 - 2 + 10!. \\
3629081 &= 9 + 8 \times (6 \times 3! - 2) + 10!. \\
3629084 &= -\sqrt{\sqrt{(\sqrt{9})!^8}} + (6 + 4)! + 320. \\
3629104 &= (\sqrt{96 + 4})! - 3!! + 2^{10}. \\
3629108 &= (9 + 8) \times 6 \times 3 + 2 + 10!. \\
3629140 &= (9! + 6 - 4 + 32) \times 10. \\
3629180 &= (9 \times 8! + 6 + 32) \times 10. \\
3629401 &= 9 \times (64 + 3) - 2 + 10!. \\
3629405 &= 9 \times 65 + (4 + 3!)! + 20. \\
3629408 &= 98 \times 6 + (4 + 3!)! + 20. \\
3629410 &= (9! + 64 - 3!/2) \times 10. \\
3629450 &= (9! + 65) \times (4 \times 3 - 2 \times 0!). \\
3629510 &= (9! + 65 + 3 \times 2) \times 10. \\
3629540 &= (\sqrt{9})!! + ((6 + 54)/3!)! + 20. \\
3629710 &= (97 - 6 + (3^2)!) \times 10. \\
3629810 &= 986 + (3! - 2)! + 10!. \\
3629840 &= (\sqrt{9})!! + (8 + 6 - 4)! + 320. \\
3641920 &= (9! - (64 - 3!!) \times 2) \times 10. \\
3641970 &= (\sqrt{9^7} + \sqrt{64}) \times 3! + 10!. \\
3647190 &= 9 + (7^6 + \sqrt{4}) \times 31 \times 0!. \\
3647905 &= (-9 + 7!) \times (6! + 5) + 430. \\
3647920 &= -(\sqrt{9})!! + 7! \times (6! + 4) - 320. \\
3648950 &= -9 + 8!/6 \times 543 - 0!. \\
3659041 &= 9! + 654 \times (3! + 1)! + 0!. \\
3674091 &= 9 \times (7! - \sqrt{64}) + 3 + 10!. \\
3674901 &= \sqrt{9} \times 7 + 64 \times 3!! + 10!. \\
3674910 &= (\sqrt{9})!! \times (7! + 64) + 3 \times 10. \\
3678910 &= (9! - 8 + 7 \times (6! - 3)) \times 10. \\
3679140 &= (9! + (\sqrt{\sqrt{7\sqrt{64}}})! - 3!) \times 10. \\
3679180 &= (9 \times 8! + 7! - 6/3) \times 10. \\
3679210 &= (9! + 7! + 6/(3 \times 2)) \times 10. \\
3689405 &= ((\sqrt{9})! - 865)^{\sqrt{4}} \times (3! - 0!). \\
3698150 &= 98 \times (6! - 5) - 3!! + 10!. \\
3704912 &= -(\sqrt{9})!! + 7^4 \times 32 + 10!. \\
3705942 &= (9 \times 7^{5+\sqrt{4}} - 3)/2 \times 0!. \\
3709152 &= \sqrt{9^7} \times 53 \times \sqrt{2^{10}}. \\
3709461 &= 9! - 7 \times ((\sqrt{64})! - 3) + 10!. \\
3709468 &= (9 + 8!/7) \times 643 + 0!. \\
3712960 &= (\sqrt{9} + (7 + 6)^{3+2}) \times 10. \\
3715920 &= (\sqrt{9})!! \times (7! + 5! + (321 \times 0)!). \\
3719250 &= 9 \times (7! - 5 \times 3) \times 2 + 10!. \\
3719502 &= 9 \times (7! \times (5 - 3) - 2) + 10!. \\
3719520 &= (9! + 7!/5 \times 3^2) \times 10. \\
3742190 &= \sqrt{9} \times (7 + 4)!/32 - 10. \\
3745019 &= ((\sqrt{9})!! - 7) \times (5! + 43) + 10!. \\
3748096 &= ((98 - 76) \times \sqrt{4})^{3+0!}. \\
3749061 &= \sqrt{9} \times (7 + (\sqrt{64})!) - 3!! + 10!. \\
3749106 &= -\sqrt{9} \times ((7 - (\sqrt{64})!) \times 31 + 0!). \\
3749810 &= \sqrt{9} \times 8! + 7 + 43 + 10!. \\
3750912 &= (9 \times 7 + 5 \times 3!!) \times 2^{10}. \\
3758490 &= \sqrt{9} \times (87 \times 5!^{\sqrt{4}} + 30). \\
3759840 &= (\sqrt{9})!! \times (-8 + 754) \times (3! + 0!). \\
3780924 &= (\sqrt{9})! \times 874 \times ((3 \times 2)! + 0!). \\
3790128 &= (\sqrt{9})! \times 8 + 7! \times 32 + 10!. \\
3790214 &= (\sqrt{9})! + (7! + 4) \times 32 + 10!.
\end{aligned}$$

$$\begin{aligned}
3791250 &= \sqrt{9} \times 75 \times (3!! + 2) + 10!. \\
3791806 &= 9!/8 + 7^6 - 3 + 10!. \\
3795120 &= (\sqrt{9})!! \times 753 \times ((2 + 1)! + 0!). \\
3810249 &= 9 + (\sqrt{84 - 3})!/2 + 10!. \\
3810294 &= 9 \times (8! + 4 \times 3)/2 + 10!. \\
3810492 &= (9! + 84 \times 3!)/2 + 10!. \\
3816209 &= (\sqrt{9})! \times (86^3 - 21) - 0!. \\
3819240 &= (98 + 4 - 3!!)^2 \times 10. \\
3859210 &= \sqrt{9} \times (8! - 5!) \times 32 + 10. \\
3870419 &= (\sqrt{9})! \times 8! - 7 \times 43 + 10!. \\
3870912 &= (9 + 8! - 7) \times 3 \times \sqrt{2^{10}}. \\
3871590 &= 9! + 87 \times ((5 + 3)! + 10). \\
3871904 &= ((\sqrt{9})! \times 8! + 74) \times (3! + 10). \\
3891042 &= 98 + 4^{3^2} + 10!. \\
3891064 &= (-\sqrt{9} + 8)! + 64^3 + 10!. \\
3891240 &= (\sqrt{9^8} \times 4 + (3^2)!) \times 10. \\
3901284 &= ((\sqrt{9} + 84) \times 3!)^2 + 10!. \\
3906154 &= -96 + 5^{4!/3} \times 10. \\
3916074 &= -(\sqrt{9})! + 7 \times ((\sqrt{64})! + 3!!) + 10!. \\
3918240 &= (\sqrt{9})!! \times (84 + 3!!)/2 + 10!. \\
3942710 &= (\sqrt{9})!! \times 74^{\sqrt{3! - 2}} - 10. \\
3950784 &= 9 \times (8 \times 7 + 5 \times 4)^3 \times 0!. \\
3951208 &= 9! - 8! - 5! - 32 + 10!. \\
3951240 &= 9! - 5! - (\sqrt{\sqrt{4 \times 32}})! + 10!. \\
3951408 &= 9! - 8! + 5 + 43 + 10!. \\
3951840 &= 98 \times (5 + (4!/3)!) - 10. \\
3952640 &= 965 \times 4^{3 \times 2} \times 0!. \\
3956401 &= ((\sqrt{9})!! + 65) \times (-4! + 31)! + 0!. \\
3958710 &= 98 \times (75 + (3! + 1 + 0!)!). \\
3981240 &= ((\sqrt{9} \times 8)^4 - 3!) \times (2 + 10). \\
4016927 &= (97 - 6!)^{\sqrt{4}} - 2 + 10!. \\
4031986 &= 9! + 8! - \sqrt{64} - 3! + 10!. \\
4032589 &= 985 \times (4^{3!} - 2) - 0!. \\
4057219 &= 9^7 - (5 + 4)! \times 2 - 10. \\
4059216 &= 9 \times (6! \times 5^4 + 2^{10}). \\
4082391 &= -9 + (8!/\sqrt{4} - 3!!) \times 210. \\
4105926 &= (9 + 6^5 \times 4!) \times (21 + 0!). \\
4107936 &= ((\sqrt{9})!! - 76) \times (4! + 3!!) + 10!. \\
4139760 &= (\sqrt{9})!! \times (7! + 6!) - 4! \times 310. \\
4152960 &= (96 + 5 + \sqrt{4}) \times (-2 + 10)!. \\
4153920 &= 9!/54 + 3!!^2 + 10!. \\
4160295 &= 9^6 + \sqrt{54^2} + 10!. \\
4169025 &= (9 - 6 \times (5! + 4))^2 + 10!. \\
4170269 &= -\sqrt{9} + 76^4/(-2 + 10). \\
4192560 &= 9 \times 6! \times (5^4 + 21 + 0!). \\
4193280 &= (98 + \sqrt{4} \times 3) \times (-2 + 10)!. \\
4210963 &= -(\sqrt{9})! + (6! + 43)^2 + 10!. \\
4259607 &= \sqrt{9} \times ((7 + 6)^5 + \sqrt{4^{20}}). \\
4293760 &= (9! - 7!) \times 6 \times \sqrt{4} - 320. \\
4315690 &= 9 \times (6! - 54) \times 3!! + 10. \\
4352910 &= (9! - 5!) \times 4 \times 3 - 210. \\
4359608 &= 9 + 865 \times (4 + 3)! - 0!. \\
4359780 &= (9! + 87 \times 5) \times 4 \times 3 \times 0!. \\
4382910 &= (-9 + 8!/\sqrt{4} + 3!!) \times 210. \\
4395860 &= (9 + 8!) \times 654/3! - 0!. \\
4397120 &= (9! + 7^4 \times 32) \times 10. \\
4537890 &= \sqrt{\sqrt{\sqrt{9^8}}} \times 7^{\sqrt{5^{\sqrt{4}}}} \times 30.
\end{aligned}$$

$$\begin{aligned}
4538970 &= 9 \times (8 + 7^5 - 4) \times 30. \\
4539620 &= (9 \times 6 + 5 + \sqrt{4})^3 \times 20. \\
4561920 &= (\sqrt{9})! \times (6 + 5)! \times 4/210. \\
4592780 &= (\sqrt{9^8} \times 7 \times 5 + 4) \times 20. \\
4593280 &= -(\sqrt{9})!! + 8! \times (5! - 4) - 320. \\
4593780 &= (\sqrt{9})! \times 875^{\sqrt{4}} + 30. \\
4598076 &= ((\sqrt{9})!! + 876) \times (5! \times 4! + 0!). \\
4602915 &= 9 \times ((6! - 5)^{\sqrt{4}} + 210). \\
4608719 &= (\sqrt{9})!! \times (8!/7 + 641) - 0!. \\
4670289 &= (\sqrt{9})!! + 8 \times 764^2 + 0!. \\
4697280 &= ((\sqrt{9})!! \times 8 + 764) \times (2 + 0!)!. \\
4702319 &= 9^7 - (4!/3)! \times 2 - 10. \\
4705169 &= 9^7 - (6^5 + 4) \times 10. \\
4706289 &= 9 + (8 + 7^6) \times \sqrt{4} \times 20. \\
4710239 &= (9! - 7^4) \times 3 + 2 + 10!. \\
4728960 &= (\sqrt{9^8} + 7) \times 6^{\sqrt{4}} \times 20. \\
4780921 &= \sqrt{\sqrt{\sqrt{9^{8 \times 7}}}} - \sqrt{4} \times 2^{10}. \\
4781950 &= \sqrt{\sqrt{\sqrt{9^{8 \times 7}}}} + 5 - \sqrt{4^{10}}. \\
4782903 &= \sqrt{\sqrt{\sqrt{9^{8 \times 7}}}} - 4^3 - 2 \times 0!. \\
4782950 &= \sqrt{\sqrt{\sqrt{9^{8 \times 7}}}} + 5 - 4 - 20. \\
4782960 &= \sqrt{\sqrt{\sqrt{9^{8 \times 7}}}} - (6/\sqrt{4})^2 \times 0!. \\
4783019 &= \sqrt{\sqrt{\sqrt{9^{8 \times 7}}}} + (\sqrt{4} + 3) \times 10. \\
4783029 &= \sqrt{9^{8 \times 7/4}} + 3 \times 20. \\
4783059 &= \sqrt{\sqrt{\sqrt{9^{8 \times 7}}}} + \sqrt{5 + 4} \times 30. \\
4783209 &= \sqrt{\sqrt{\sqrt{9^{8 \times 7}}}} + 4 \times 3 \times 20. \\
4785019 &= (9!/8!)^7 + 5 \times 410. \\
4789530 &= \sqrt{9^8} \times (754 - (3 + 0!)!). \\
4790265 &= 9^7 + 6^5 - 4! \times 20. \\
4791360 &= ((\sqrt{9})!! - 76) \times 4! \times 310. \\
4801679 &= ((\sqrt{9})!! + 8!) \times (76 + 41) - 0!. \\
4809213 &= \sqrt{9^8} \times (4 + \sqrt{3^{2+10}}). \\
4826907 &= 98 + (7 + 6)^{4+2} \times 0!. \\
4827960 &= (\sqrt{9})! \times (-87 + (\sqrt{64})!) \times 20. \\
4829760 &= (\sqrt{9})! \times (8! - 76 + 4) \times 20. \\
4830951 &= (-9 + 8! \times 5! - 4! \times 310). \\
4831590 &= ((\sqrt{9} + 8)^5 + \sqrt{4}) \times 3 \times 10. \\
4835902 &= -98 + 5! \times ((4!/3)! - 20). \\
4839120 &= (\sqrt{9})!! + 8 \times 4 \times 3!! \times 210. \\
4839170 &= (9 + 8!) \times (7 - \sqrt{4})! - 310. \\
4839260 &= (\sqrt{9})!! \times 8!/6 + 43 \times 20. \\
4839620 &= ((9 + 8!) \times 6 + 4 + 3) \times 20. \\
4872960 &= \sqrt{(\sqrt{9})!^{18}} \times (7! - 64 \times 20). \\
4893750 &= \sqrt{9} \times 87 \times 5^4 \times 30. \\
4918320 &= -(\sqrt{9})!! + (\sqrt{8^{\sqrt{4}}})! \times 32 + 10!. \\
4937180 &= (98 \times (7! - \sqrt{4}) - 3!) \times 10. \\
4961280 &= (-\sqrt{9} + 8!) \times ((\sqrt{64})! + 2^{10}). \\
5012649 &= 9 + (6 \times (5! - \sqrt{4}))^2 \times 10. \\
5038946 &= 98 + 6^{5+4}/(3 - 0!). \\
5079186 &= (-9 + 8!) \times (76 + 5 \times 10). \\
5079234 &= (9! \times 7 - 543) \times 2 \times 0!. \\
5079326 &= (-9! + 76 - 5) \times (3! - 20). \\
5079382 &= (9! + 8 - 75) \times (-3! + 20).
\end{aligned}$$

$$\begin{aligned}
5092416 &= 9!/6/5 \times 421 \times 0!. \\
5172930 &= 9 \times (7! \times (5! - 3!) + 210). \\
5183709 &= -(\sqrt{9}) \times (87 - 5!^3 + 10). \\
5183902 &= -98 + (5! \times 3!)^2 \times 10. \\
5183940 &= ((\sqrt{9})!! \times ((\sqrt{\sqrt{85} - 4})!! - 3!)) * 10. \\
5183970 &= \sqrt{9} \times (8 - 7) \times (5!^3 - 10). \\
5189760 &= (\sqrt{9})!! \times (8 + (\sqrt{\sqrt{76 + 5}})!! \times 10). \\
5193840 &= 9! + 8! \times 5! - 4! \times 310. \\
5241609 &= 9 + 65 \times \sqrt{4} \times (-2 + 10)!. \\
5267098 &= 9 \times (8 + 765^2) + 0!. \\
5290731 &= -9 + (7! \times 5 - 3!) \times 210. \\
5291370 &= ((\sqrt{9})!! \times 7 \times 5 - 3) \times 210. \\
5294601 &= 9 \times (6! + 5 + 42)^{1+0!}. \\
5307192 &= 9 \times (7! \times (5! - 3) - 2 + 10). \\
5308419 &= (\sqrt{9})!^8 + \sqrt{54/3!} + 10!. \\
5312960 &= (9^6 \times 5 - 3!) \times 2 - 10. \\
5314690 &= (9^6 + \sqrt{5^4} + 3) \times 10. \\
5397120 &= -9! + (75 \times 32)^{1+0!}. \\
5397840 &= 9!/8 \times (75 + 43 + 0!). \\
5692401 &= 9^6 + (5 + \sqrt{4})! \times 2^{10}. \\
5701896 &= (\sqrt{9} + 8)!/7 + 6 - 510. \\
5791203 &= (9 + 7!) \times (5! + 3 + 2^{10}). \\
5829130 &= (\sqrt{9})!! \times (8!/5 + 32) + 10. \\
5829407 &= \sqrt{(\sqrt{9})!^8} \times (7! - 542) - 0!. \\
5907168 &= \sqrt{(\sqrt{9})!^8} \times (7 \times 651 + 0!). \\
5927031 &= -9 + 7 \times (5 + 3)! \times 21 \times 0!. \\
5927041 &= 9! \times 7/(5 + 4) \times 21 + 0!. \\
5927103 &= \sqrt{9} + 7 \times (5 + 3)! \times 21 \times 0!. \\
5934720 &= -9! + (7! - 5!) \times 4 \times 320. \\
5962340 &= (96 - 5)^{\sqrt{4}} \times 3!! + 20. \\
6029358 &= (-\sqrt{9} + 8^6 + 5) \times (3 + 20). \\
6049283 &= \sqrt{9} + (8! + 64^3) \times 20. \\
6054912 &= (\sqrt{9})!^6 \times (54 - 2) + 10!. \\
6149520 &= (9! - 6!) \times 54/2 - 10!. \\
6209478 &= (9 + 8! \times 7) \times (6 - 4 + 20). \\
6210798 &= ((9 + 8!) \times 7 + 6) \times (21 + 0!). \\
6215039 &= ((9 - 6! - 5!) \times 3)^2 - 10. \\
6250917 &= (-\sqrt{9} + 7!) \times (6! + 521 \times 0!). \\
6290154 &= 9 \times ((6! + 5! - 4)^2 + 10). \\
6291078 &= \sqrt{9} \times (8^7 - 6 \times 21) \times 0!. \\
6291408 &= (\sqrt{9})! \times (8^6 \times 4 + 2 - 10). \\
6291480 &= \sqrt{9} \times (8 + (6 - 4)^{21} \times 0!). \\
6347520 &= 76 \times 5! \times (-4 + 3!! - 20). \\
6352710 &= (7! \times 6 + 5 + 3!) \times 210. \\
6429780 &= \sqrt{9^8} \times 7^{6-4} \times 20. \\
6452980 &= (9! - 8! + 65 + 4!) \times 20. \\
6478920 &= \sqrt{9} \times (8! + (7! + 6) \times 420). \\
6491520 &= ((\sqrt{9})! + 65) \times (4 \times 2)! + 10!. \\
6497280 &= \left( \sqrt{\sqrt{(\sqrt{9})!^8} + 7!} \right) \times 64 \times 20. \\
6498720 &= (\sqrt{9})!! \times ((87 + \sqrt{64})^2 + 0!). \\
6510973 &= 9^7 - 6 + 5!^3 + 10. \\
6531709 &= ((9! - 7) \times 6 - 5) \times 3 + 10. \\
6531908 &= 9! \times 8 + 65 + 3 + 10!. \\
6531920 &= \sqrt{9} \times 6 \times (5 + (3^2)!) - 10. \\
6713290 &= 9! + (7!/6 \times 3)^2 + 10. \\
6894702 &= 9 \times (8! \times 76/4 - 2 \times 0!). \\
6894710 &= 9 \times 8! \times 76/4 - 10. \\
6894720 &= 9!/8 \times 76 \times 4/2 \times 0!. \\
6901237 &= (9! + \sqrt{7^6}) \times (3^2 + 10). \\
6910345 &= (9^6 + 5! + 4) \times (3 + 10). \\
6917340 &= (-\sqrt{9})! + 7! + 6! \times 4! \times 310. \\
6940325 &= (9 + 6 \times 5)^4 \times 3 + 2 \times 0!. \\
6972480 &= 9! \times (87 + 6!)/42 \times 0!. \\
7029361 &= 9763 \times (2 + 1)!! + 0!. \\
7058942 &= -(\sqrt{9})! + 8 + 7^5 \times 420. \\
7058964 &= \sqrt{9} \times (8 + 7^6 \times 5 \times 4 \times 0!). \\
7108695 &= 9 \times ((8! + 7^6) \times 5 + 10). \\
7134960 &= ((\sqrt{9})!! + 7! - 6) \times 4 \times 310. \\
7153920 &= 9!/7 \times (5! - 3 + 21 \times 0!). \\
7156920 &= (9! - 7! + 6) \times (5 \times 2 + 10). \\
7192064 &= -(-\sqrt{9} + 7)^{\sqrt{64}} + 2 \times 10!. \\
7203591 &= -9 - 75 \times 3!! + 2 \times 10!. \\
7243680 &= ((\sqrt{87 - 6})! + 4! - 3!) \times 20. \\
7243960 &= (9! + 76/\sqrt{4} - 3!) \times 20. \\
7245960 &= (-97 \times 6 + (5 + 4)!) \times 20. \\
7249680 &= 9 \times (8 \times (7! - 6) + 4) \times 20. \\
7251039 &= -9^{(7+5)/3} + 2 \times 10!. \\
7253940 &= (9! - (7 + 54) \times 3) \times 20. \\
7253980 &= (9! - 8 \times 7 - 5^3) \times 20. \\
7256901 &= 9 + 7 - 6! + 5 + 2 \times 10!. \\
7256940 &= (9 - 7 \times 6 + (5 + 4)!) \times 20. \\
7256980 &= (9! - 8 + 7 - 6 \times 5) \times 20. \\
7258109 &= 9 \times 8 \times 7 + 5 + 2 \times 10!. \\
7258940 &= (9! + 87 - 5 \times 4) \times 20. \\
7259016 &= (9 - 7) \times (6 \times (5! - 2) + 10!). \\
7259140 &= (9! + 75 + \sqrt{4}) \times 2 \times 10. \\
7259160 &= (\sqrt{9 + 7})! \times 65 + 2 \times 10!. \\
7259480 &= (9! + 87 + 5 + \sqrt{4}) \times 20. \\
7259840 &= (9 \times (8! + 7 + 5) + 4) \times 20. \\
7259860 &= (9! - 8 + 7 - 6 + 5!) \times 20. \\
7269840 &= (9! + 8 \times 76 + 4) \times 20. \\
7284960 &= 9 \times (8! + 76 \times \sqrt{4}) \times 20. \\
7293540 &= (9! + 75 \times 4! - 3) \times 20. \\
7294031 &= 9 \times 74^3 \times 2 - 1 \times 0!. \\
7296480 &= (9! + (87 - 6) \times 4!) \times 20. \\
7302951 &= 9 \times (7! \times (5 \times 32 + 1) - 0!). \\
7302981 &= 9!/8 + 7 \times 3 + 2 \times 10!. \\
7305984 &= 9! \times (8 \times 75 + 4)/30. \\
7315920 &= ((\sqrt{9})! + 75) \times 3!! + 2 \times 10!. \\
7359420 &= (9! + 7! + 54 - 3) \times 20. \\
7381095 &= \sqrt{9} \times ((8 + 7 + 5!)^3 - 10). \\
7425960 &= (9 + (7 + 6)^5 - 4) \times 20. \\
7459203 &= \sqrt{9} + 7! \times 5 \times (-4! + 320). \\
7465390 &= 9!/7 \times 6!/5 + 430. \\
7489620 &= 9 \times (8! - 7 + 6^4) \times 20. \\
7516809 &= 9 + (87 \times 6!) \times (5! - 1 \times 0). \\
7518390 &= (\sqrt{9})!! + 87 \times (5! \times 3!! + 10). \\
7534096 &= (9 + 7) \times (654 \times 3!! + 0!). \\
7539840 &= (\sqrt{9})!! \times (87 \times 5! + \sqrt{4} + 30). \\
7593810 &= (9 + (8 + 7)^5 - 3) \times 10. \\
7610925 &= (9! - 7 \times 65) \times 21 \times 0!. \\
7620459 &= (9! - 7 + 6) \times (5 - 4 + 20). \\
7620491 &= (9! \times 7 \times 6 + \sqrt{4})/2 + 10.
\end{aligned}$$

$$\begin{aligned}
7621908 &= (9! - 8 + 76) \times 21 \times 0!. \\
7840395 &= \sqrt{9^8} \times ((7 \times 5)^{\sqrt{4}} - 30). \\
7892640 &= 9! \times 87 \times 6/(4 + 20). \\
7901285 &= -9! + (8! - 7) \times (-5 + 210). \\
7902468 &= (-9 + 8! \times 7) \times (\sqrt{64} + 20). \\
7931520 &= 9!/7 \times (5! + 32 + 1 \times 0!). \\
7953120 &= (\sqrt{9})! \times 7! \times (53 + 210). \\
7963054 &= (\sqrt{9+7} \times 6)^5 + 430. \\
7981204 &= (-98 + (7 + \sqrt{4})!) \times (21 + 0!). \\
7981402 &= (9! - 87 - \sqrt{4}) \times (21 + 0!). \\
7982106 &= (9 \times (8! - 7) + 6) \times (21 + 0!). \\
7982640 &= -(\sqrt{9})!! + (\sqrt{87-6})! \times (\sqrt{4} + 20). \\
7983206 &= (9 \times 8! - 7) \times (6/3 + 20). \\
8015973 &= \sqrt{9} \times ((-8 + 7!) \times 531 - 0!). \\
8035194 &= -(\sqrt{9})! + (8! - 5!^{\sqrt{4}}) \times 310. \\
8062597 &= -\sqrt{9} + (8! - 7) \times (6! - 520). \\
8145920 &= 9! \times 8 + 5 \times \sqrt{4^{2 \times 10}}. \\
8164790 &= 9! \times (8 + 7) \times 6/4 - 10. \\
8293104 &= \sqrt{9^8} \times (4 + 3! \times 210). \\
8294310 &= 9 \times ((8 \times (\sqrt{4} + 3)!)^2 - 10). \\
8294610 &= (\sqrt{9})!! \times 8 \times 6! \times \sqrt{4} + 210. \\
8305926 &= (\sqrt{9})! + 8! \times (6 - 5! + 320). \\
8321049 &= 9 + (8! + 4! - 3!!) \times 210. \\
8437509 &= 9 + 8 \times 75^4/30. \\
8467209 &= 9 + 8! \times 7 \times (6 + 4 + 20). \\
8467920 &= 9 \times (8! \times 7/6 + 4) \times 20. \\
8470296 &= 9 \times 8 \times (7^6 - 4 - 2) \times 0!. \\
8470926 &= 9 \times (8 \times 7^6 + \sqrt{4} + 20). \\
8471096 &= 9 \times (8 \times 7^6 + 41) - 0!. \\
8490312 &= ((\sqrt{9})!! + 8! - 4!) \times (-3 + 210). \\
8493120 &= (\sqrt{9})!! + (8! + (\sqrt{4} + 3)!) \times 210. \\
8529360 &= (\sqrt{9^8} \times 65 + 3) \times 20. \\
8605193 &= 9 + (8 + 6)^5 \times (3! + 10). \\
8609345 &= (9^8 - 6)/5 + \sqrt{4} + 3 \times 0. \\
8609352 &= (9^8 - 6)/5 + 3^2 \times 0!. \\
8619240 &= ((\sqrt{9})!! + 8! + 6 - \sqrt{4}) \times 210. \\
8692704 &= 9 \times (8! - 76) \times (4 + 20). \\
8709123 &= \sqrt{9} + 8 \times 7! \times (3! + 210). \\
8709124 &= (9! + 8 - 7) \times 4 + 2 \times 10!. \\
8709126 &= (\sqrt{9})! + 8 \times 7! \times (6 + 210). \\
8709132 &= 9 \times 8! \times (7 - 3)! + 2 + 10. \\
8709142 &= 9! \times 8 \times (7 - 4) + 21 + 0!. \\
8709143 &= (9! \times 8 + 7 + 4) \times 3 - 10. \\
8709264 &= (9! + (8 - 7) \times 6) \times (4 + 20). \\
8709312 &= (9! + 8) \times (7 - 3 + 2 \times 10). \\
8709325 &= (9! \times 8 + 75) \times 3 - 20. \\
8709624 &= (9! + 8 + 7 + 6) \times (4 + 20). \\
8710629 &= -\sqrt{9} + (8! + 7) \times (6 + 210). \\
8739206 &= (\sqrt{9})! - 8! + 76^3 \times 20. \\
8943210 &= (\sqrt{9^8+4} + (3^2)!) \times 10. \\
9031674 &= -(\sqrt{9})! + 7 \times (\sqrt{64})! \times (31 + 0!). \\
9031872 &= (9 + 8! \times 7 - 3) \times \sqrt{2^{10}}. \\
9031876 &= (9! - 8! + 7) \times (6 \times 3 + 10). \\
9071325 &= \sqrt{9} \times 75 \times (-3 + (-2 + 10)!). \\
9071824 &= (9 \times 8! - 7) \times (4 + 21) - 0!. \\
9071825 &= (9 \times 8! - 7) \times (5 + 2 \times 10). \\
9072135 &= (9 + 7! \times 5!) \times (3 + 2 + 10). \\
9072145 &= 9 \times (7!/5 - 4)^2 + 1 \times 0!. \\
9072154 &= 9 \times (7!/5 - 4)^2 + 10. \\
9072185 &= (9 \times 8! + 7) \times 5^2 + 10. \\
9074185 &= (9! + 87) \times \sqrt{5^4} + 10. \\
9108743 &= 9 \times 8^7 - (\sqrt{4} + 3)^{10}. \\
9123840 &= 9! \times 8/(4 + 3) \times (21 + 0!). \\
9126730 &= 97^{-6+3^2} \times 10. \\
9132480 &= 9! + (8! + \sqrt{4} \times 3!) \times 210. \\
9143760 &= ((\sqrt{9})! \times 7! - 6! - 4!) \times 310. \\
9234160 &= -9^6 - 4! + (3 + 2)^{10}. \\
9317025 &= 9 \times (75 + 3!!)^2 + 10!. \\
9345780 &= (9 + 8!/7) \times (54 \times 30). \\
9364170 &= (-9 + 7! \times 6 - 4!) \times 310. \\
9374580 &= ((\sqrt{9})! + 8! + 7! \times 54) \times 30. \\
9437180 &= 9 \times 8^7/\sqrt{4} - 3 - 1 \times 0!. \\
9438720 &= (\sqrt{9})! \times (-8! + (7! + \sqrt{4}) \times 320). \\
9514260 &= -9 \times (6 - (5 + \sqrt{4})!) \times 210. \\
9523710 &= 9 \times (7! + 5 - 3!) \times 210. \\
9531270 &= 9 \times 7 \times (5! + 3)^2 \times 10. \\
9673280 &= (-\sqrt{9} - 8 + 7! \times 6) \times 320. \\
9675203 &= \sqrt{9} + (7! \times 6 - 5) \times 320. \\
9738240 &= (\sqrt{9})! \times (8 + 7! + 4!) \times 320. \\
9743580 &= ((\sqrt{9} + 8)^7 - 5)/\sqrt{4} - 3 \times 0!. \\
9752401 &= 9 \times 7! \times 5 \times (42 + 1) + 0!. \\
9764120 &= (-9 + 7^6) \times (4 \times 21 - 0!). \\
9764820 &= (\sqrt{9^8} - 7!) \times 6420. \\
9826105 &= 9 \times 8!/6 + \sqrt{5^{2 \times 10}}. \\
9837240 &= 98 \times (7! - 4! + 3) \times 20. \\
9840127 &= (9! + 8^7) \times 4 - (21 \times 0)!. \\
9843120 &= 9!/8 \times (4 + 3 + 210). \\
9871540 &= 98 \times 7 \times (5!^{\sqrt{4}} - 10). \\
9874305 &= \sqrt{9^8} \times 7 \times 5 \times 43 \times 0!. \\
9876405 &= ((9 - 8!) \times 7 - 6) \times (5 - 40).
\end{aligned}$$

### 5.7. Eight Digits

In this case, due to memory problem, the results with factorial are not included. These shall be dealt elsewhere.

- **Increasing order**

$$\begin{aligned}
12597346 &= 1 + (2 + 3) \times (45 + 6^7 \times 9). \\
15938472 &= 12 \times (3^4 + 5^7 \times (8 + 9)). \\
17294385 &= 12 + 3 \times (4 - 5 + 7^8 - 9). \\
17294386 &= 1 + (23 + 4) \times (-6 + 7^8)/9. \\
17298543 &= 12 \times 345 + 7^8 \times \sqrt{9}. \\
21834956 &= (12 - 3 + 4) \times (5 + 6^8 - 9). \\
24918576 &= (1 + 2 + 45 + 6^7) \times 89. \\
31874592 &= 12 \times 34 \times (5^7 + 8 - 9). \\
32461759 &= (123 + 4 \times (56 - 7))^{\sqrt{9}}. \\
57942613 &= 1 - 23 \times (4 \times 5 - 6^7) \times 9. \\
62748519 &= 1 + (24 - 5 - 6)^7 - 8 + 9. \\
67184592 &= 12 \times 4 \times (5 \times 6^7 + 8 - 9). \\
79235168 &= (1 + 2 + 35)^{6+(7-8)^9}.
\end{aligned}$$

• **Decreasing order**

$$\begin{aligned}
 13749265 &= 9 \times (7 \times 65 - 43)^2 + 1. \\
 13845976 &= 9 \times (8 + 7) + (65 - 4)^{3+1}. \\
 14372659 &= 9 + (-7 + 6^5) \times (43^2 + 1). \\
 14526793 &= 9 + (-76 + 5 \times 4^3)^{2+1}. \\
 15274396 &= 97 \times (6 + 54^3 - 2 \times 1). \\
 17849635 &= -987 + 65^4 - 3 \times 1. \\
 18396457 &= 9 + 8 \times 7 \times ((65 + 4)^3 - 1). \\
 18743296 &= 9 \times 8^7 - 64^3/2 \times 1. \\
 19245768 &= ((9 + 8765)/\sqrt{4})^2 - 1. \\
 21695378 &= (9 \times 8 + 7) \times 65^3 + 2 + 1. \\
 21864975 &= (98 + 7 \times 654)^2 - 1. \\
 23914756 &= (9^7 - 6) \times 5 + 4 - 3 \times 21. \\
 24137569 &= ((9 + 76)/5)^{4+3-2+1}. \\
 28419736 &= (\sqrt{9^8} + 7) \times (6 + 4321). \\
 29463185 &= ((98 - 6) \times (-5 + 4^3))^2 + 1. \\
 39651824 &= (9 + 8 + 6 \times 54)^3 + 2 + 1. \\
 39651842 &= (9 + 8 + 6 \times 54)^3 + 21. \\
 41783295 &= ((9 + 87 + 5) \times 4^3)^2 - 1. \\
 42967138 &= 9^8 - 76 - 43^{2+1}. \\
 43295681 &= 9^8 + (6^5 + 4) \times 32 \times 1. \\
 45267193 &= (9^7 + 65^4 + 3) \times 2 - 1. \\
 52396147 &= (9 + (7 + 65) \times 4)^3 \times 2 + 1. \\
 59613842 &= (9 \times 865 - 4^3)^2 + 1. \\
 65713849 &= 9^8 + 7 + (65 + 4)^{3+1}. \\
 89253614 &= (98 + 65^4) \times (3 + 2) - 1. \\
 97634158 &= (9876 + 5)^{\sqrt{4}} - 3 \times 1. \\
 \\
 13542086 &= 86 \times (54^3 + 2) + 10. \\
 12058634 &= 8^6 \times (5 + 43 - 2) + 10. \\
 23856014 &= (86 + 5) \times (4^3 + 10). \\
 32156480 &= 8 \times (6 + 5^4 + 3)^2 \times 10. \\
 63510284 &= (8 \times 6^5 - 4) \times (-3 + 2^{10}). \\
 80621534 &= 8 \times (6^{5+4} - \sqrt{3^2}) - 10. \\
 10485632 &= 8 \times (-6 + 5 \times 4^3 - 10). \\
 80621543 &= 8 \times (6^{5+4} - 3) - 2 + 1 \times 0!. \\
 60512843 &= -8 + (6^{\sqrt{5^{\sqrt{4}}}} + 3)^2 + 10. \\
 60512834 &= -8 + (6^{\sqrt{5^{\sqrt{4}}}} + 3)^2 + 1 \times 0!. \\
 84375210 &= 8 \times 75^4/3 + 210. \\
 31457082 &= (8^7 \times 5 + 4) \times 3 - 210. \\
 10485327 &= 8^7 \times 5 - 432 - 1 \times 0!. \\
 31457280 &= 8^7 \times (54/3 - 2 - 1 \times 0!). \\
 15728430 &= 8^7 \times 5/\sqrt{4} \times 3 - 210. \\
 30185472 &= (8 \times (7 + 5 \times \sqrt{4}))^3 \times (2 + 10). \\
 48235071 &= (8^7 + \sqrt{5^4}) \times (3 + 2 \times 10). \\
 40372815 &= (8 + 7^5) \times \sqrt{(4 + 3)^{-2+10}}. \\
 21380746 &= (8 - 76)^4 - 3 \times 210. \\
 48236170 &= (8 + 7^6 \times (43 - 2)) \times 10. \\
 18670234 &= (8 + (7 \times 6)^4) \times 3 \times 2 + 10. \\
 21380647 &= (-8 + 76)^4 - \sqrt{3^{2+10}}. \\
 78124360 &= 8 \times (-76 - 4 + (3 + 2)^{10}). \\
 67108342 &= -87 \times 6 + 4^{\sqrt{3^2+10}}. \\
 60817234 &= (8^7 - 6) \times (\sqrt{4^3} + 21 \times 0!). \\
 41063827 &= -8 + (\sqrt{7^6} + \sqrt{4})^3 + 210. \\
 12583067 &= 8^7 \times 6 + 5 \times (32 - 1 \times 0!). \\
 12586037 &= 8^7 \times 6 + \sqrt{5^{(3-2) \times 10}}. \\
 10485762 &= (8^7 - 6) \times 5 + 42 - 10. \\
 \\
 14062587 &= 87 + (6 \times 5^4)^2 \times 1 \times 0!. \\
 15728640 &= 8^7 \times 6 \times 5/4 - 21 \times 0. \\
 10485726 &= (8^7 - 6) \times 5 - 4 + 21 \times 0. \\
 56471820 &= (8 \times 7^6 + 5) \times (4 + 2) \times 10. \\
 25167084 &= (8^7 \times 6 + 5^4) \times 2 + 10. \\
 14680527 &= 8 + 7 \times (65 + \sqrt{4^{21}}) \times 0!. \\
 68157420 &= 8^7 \times 65/\sqrt{4} - 2 \times 10. \\
 10486752 &= (8^7 - 6) \times 5 - \sqrt{4} + 2^{10}. \\
 86472015 &= (8 + 7) \times (6 + 5 - 4)^{-2+10}. \\
 16470852 &= -8 + 7^{6+5-4} \times 2 \times 10. \\
 81450627 &= ((8 + 7) \times 6 + 5)^4 + 2 + 1 \times 0. \\
 18705624 &= (8 + 7 \times (6 - 5^4))^2 - 1 \times 0!. \\
 62748510 &= -8 + (7 + 6)^{5+4-2} + 1 \times 0!. \\
 62748501 &= -8 + (7 + 6)^{5+\sqrt{4}} + 2 - 10. \\
 86472105 &= (8 + 7) \times (6 + (5 + \sqrt{4})^{-2+10}). \\
 13468750 &= (-8 + 7 + 6)^5 \times 4310. \\
 36471508 &= 8 + (7^6 + 5 - 4) \times 310. \\
 10485763 &= (8^7 - 6) \times 5 + 43 - 10. \\
 17850643 &= 8 + 7 + 65^4 + 3 \times 1 \times 0!. \\
 16387054 &= 8 \times (7 + 6 \times 5 \times 4)^3 - 10. \\
 45360178 &= 8 \times 7 \times ((6 \times 5)^4 + 3) + 10. \\
 10485736 &= (8^7 + 6) \times 5 - 4^3 + 10. \\
 18564730 &= (8 + (7 + 6)^5 \times (\sqrt{4} + 3)) \times 10. \\
 67108534 &= 8 - \sqrt{7^6} + 5 + 4^{3+10}. \\
 81746503 &= ((8 \times 7 + 6) \times (5 + \sqrt{4}))^3 - 1 \times 0!. \\
 37652480 &= (8 + 7^6 + 5 + \sqrt{4}) \times 320. \\
 37658240 &= (8 + 7^6 + \sqrt{5^4}) \times 320. \\
 35402687 &= (8^7 - (6 + 5)^4) \times (-3 + 20). \\
 53706248 &= 8 \times ((7 - 6^5 - 4)/3)^2 \times 0!. \\
 27543608 &= (8 + 7 \times 6 \times (5 + \sqrt{4}))^{3-2 \times 0}. \\
 70543862 &= -8 + 7 \times (6^{5-\sqrt{4}})^3 - 2 \times 0!. \\
 \\
 10425689 &= 9 + (8 + 6 \times 5)^4/2 \times 10. \\
 10452983 &= -9 + 8^5 \times (-\sqrt{4} + 321 \times 0!). \\
 10485679 &= (-9 + 8^7 - 6) \times 5 + 4 - 10. \\
 10485729 &= 9 + 8^7 \times 5 - \sqrt{4^2} \times 10. \\
 10485769 &= 9 + 8^7 \times (-6 + 5 - 4 + 10). \\
 10485792 &= (\sqrt{9} + 8^7) \times 5 - 4 + 21 \times 0!. \\
 10485793 &= -9 + 8^7 \times 5 + 43 - 1 \times 0!. \\
 10485796 &= 9 + (8^7 + 6) \times 5 - 4 + 1 \times 0!. \\
 10485927 &= (-9 + 8^7) \times 5 + \sqrt{4} + 210. \\
 10487592 &= \sqrt{9} \times (8 - 7^5 \times (\sqrt{4} - 210)). \\
 10546923 &= \sqrt{9} \times (6 + (5^4 \times 3)^2 + 10). \\
 10587936 &= \sqrt{9} \times (-8 + (7^6 - 5) \times 3 \times 10). \\
 10792845 &= \sqrt{9^8} \times 7 \times (5^{\sqrt{4}} + 210). \\
 10793862 &= ((9 + 8) \times (7 + 6))^3 + 2 - 1 \times 0!. \\
 12068793 &= ((\sqrt{9} \times 8 - 7)^6 - 3)/2 + 10. \\
 12308679 &= (-\sqrt{9} + 8 \times 7 \times 6^3)/(2 + 1) \times 0!. \\
 12907584 &= \sqrt{9} \times (8 \times 7^5 - \sqrt{4}) \times \sqrt{2^{10}}. \\
 12968750 &= (-\sqrt{9} + 8)^7 \times (6 + 5 \times \sqrt{2^{10}}). \\
 12978630 &= \sqrt{\sqrt{9^8}} \times 763 \times 210. \\
 12986073 &= (\sqrt{9} + 8 \times 7 \times 6^3)/(2 + 1) \times 0!. \\
 13429760 &= (\sqrt{9^7} \times 6 - 4 - 3) \times 2^{10}. \\
 13829760 &= 9 \times (8 \times 7^{6/3})^2 \times 10. \\
 13892605 &= -\sqrt{9} + 8^6 \times 53 - 2^{10}. \\
 13894056 &= (\sqrt{9} + 8^6 + 5) \times (43 + 10). \\
 13972086 &= \sqrt{9} \times (8 \times 763^2 + 10).
 \end{aligned}$$

$$\begin{aligned}
14350792 &= (9^7 + 5^4) \times \sqrt{3^2} + 10. \\
14932750 &= (-9 + (\sqrt{(7 \times 5)^4} - 3)^2) \times 10. \\
15069243 &= ((9 - 6)^5 + 4)^3 + 2 \times 10. \\
15294760 &= (\sqrt{9} + 7^6) \times 5 \times (4^2 + 10). \\
15864290 &= (9 \times \sqrt{8^6} - 5^4)^2 + 1 \times 0!. \\
15903864 &= 9 \times 8 \times (6^{5+\sqrt{4}} - 3^{10}). \\
15943206 &= (9^6 \times 5 - 4) \times \sqrt{3 \times (2 + 10)}. \\
15943270 &= ((\sqrt{9^{7+5}} + \sqrt{4}) \times 3 - 2) \times 10. \\
15943280 &= (\sqrt{9^{8+5}} - 4 + 3^2) \times 10. \\
16795380 &= (9 - 87 + 6^{5+3}) \times 10. \\
17284096 &= (9 \times 8 + \sqrt{7^{6+4}}) \times 2^{10}. \\
17293406 &= (9 + 7^{\sqrt{64}}) \times 3 - 2^{10}. \\
17294306 &= \sqrt{9} \times (7^{\sqrt{64}} - 32) - 1 \times 0!. \\
17294508 &= (-\sqrt{9} + 8 + 7^{5+\sqrt{4}}) \times 21 \times 0!. \\
17294580 &= 9 + (8 + 7^{5+\sqrt{4}}) \times 21 \times 0!. \\
17648590 &= (\sqrt{9} \times (8 + 7^6) \times 5 + 4) \times 10. \\
17850496 &= -(9 + 8) \times 7 + 65^4 + 10. \\
17850639 &= 98/7 + 65^{3+1 \times 0!}. \\
17850649 &= 98/7 + 65^4 + 10. \\
17850694 &= 9 \times 8 + 7 + 65^4 - 10. \\
18293760 &= 9 \times (8^7 - 63 \times 2^{10}). \\
18392670 &= \sqrt{9} \times (87 \times (6 + 3))^2 \times 10. \\
19035648 &= 9 \times 8 \times 6^5 \times (4 + 3 \times 10). \\
19486507 &= (\sqrt{9} + 8)^7 - 654 - 10. \\
19486750 &= (\sqrt{9} + 8)^7 - 6 - 5 - 410. \\
19487065 &= (\sqrt{9} + 8)^7 - 65 - 41 \times 0!. \\
19487203 &= (\sqrt{9} + 8)^7 + 4 \times 3 + 2 \times 10. \\
19487205 &= (\sqrt{9} + 8)^7 + 54 - 2 \times 10. \\
19487206 &= (\sqrt{9} + 8)^7 - 6 + 42 - 1 \times 0!. \\
19487230 &= (\sqrt{9} + 8)^7 + (4 + 3)^2 + 10. \\
19487250 &= (\sqrt{9} + 8)^7 - 5 + 4 \times 21 \times 0!. \\
19508437 &= (\sqrt{9} \times 8 + (7 \times 5)^4) \times (3 + 10). \\
19530486 &= (-9 + 8 \times 6^5) \times (4 + 310). \\
19536280 &= (-9 + \sqrt{8^6} + 5^3) \times 10. \\
19765032 &= (97 + 6 - 5)^3 \times 21 \times 0!. \\
19765042 &= \sqrt{9} \times (7^6 \times (54 + 2)) + 10. \\
20154369 &= (\sqrt{9} + 6^{5 \times \sqrt{4}})/3 - 2^{10}. \\
20457198 &= \sqrt{9^8} \times (-7 + 5^{\sqrt{4+21}}) \times 0!. \\
20475319 &= (\sqrt{9} + (7 + 5)^{\sqrt{43}})/21 \times 0!. \\
20971458 &= (-\sqrt{9} + 8^7) \times 5 \times \sqrt{4} - \sqrt{2^{10}}. \\
20971483 &= \sqrt{9} + (8^7 - 4) \times (3 - 2) \times 10. \\
20971485 &= ((-\sqrt{9} + 8^7) \times 5 - \sqrt{4}) \times 2 - 1 \times 0!. \\
20971538 &= (9 + 8^7 \times 5) \times (3 - 2 + 1 \times 0!). \\
20971548 &= (9 + 8^7 \times 5) \times 4/2 + 10. \\
20971583 &= \sqrt{9} + (8^7 + 5 + 3 - 2) \times 10. \\
20971586 &= \sqrt{9} + (8^7 + 6) \times 5 \times (2 - 1 \times 0). \\
20971683 &= \sqrt{9} + (8^7 + 6 \times 3 - 2) \times 10. \\
20971843 &= \sqrt{9} + (8^7 + 4^3/2) \times 10. \\
21093745 &= (-9 + 75^4)/3 \times 2 + 1 \times 0!. \\
21093754 &= (-9 + 75^4)/3 \times 2 + 10. \\
21594608 &= (\sqrt{9} + 86 \times 54)^2 - 1 \times 0!. \\
21670983 &= (\sqrt{9} \times 8 + \sqrt{7^6}) \times \sqrt{3^{2 \times 10}}. \\
23581690 &= (9 \times (8^6 - 5^3) - 2) \times 10. \\
23794560 &= \sqrt{9^7} \times (6 \times 5 + 4) \times 320. \\
23914705 &= 9^7 \times 5 - (4 + 3) \times 2 \times 10. \\
23914860 &= (9^{(8+6)/\sqrt{4}} + 3)/2 \times 10. \\
23915047 &= 9^7 \times 5 - \sqrt{4^3} + 210. \\
23915470 &= (9^7 + \sqrt{5^{\sqrt{4 \times 3}}})/2 \times 10. \\
24109568 &= (\sqrt{9} + 865)^{\sqrt{4}} \times \sqrt{2^{10}}. \\
24590618 &= \sqrt{9^8} \times (6 \times 5^4 - 2) - 10. \\
24609573 &= 9 \times (7 \times (6 + 5^{\sqrt{43}}) - 20). \\
24609753 &= 9 \times 7 \times (6 + 5^{\sqrt{4+3 \times 20}}). \\
24903681 &= (9 + 86) \times 4^{3^2} + 1 \times 0!. \\
24935087 &= (\sqrt{9} - 8 \times (7 + 5))^4/3 + 20. \\
25196084 &= 9^8 - 65^4 - 2 - 10. \\
25390617 &= -9 + (7 + 6) \times 5^{3^2} + 1 \times 0!. \\
26198073 &= ((98 + 7 - 6) \times 3)^{2+1 \times 0!}. \\
26473905 &= 9 \times (7^6 \times \sqrt{5^4} + 320). \\
26873950 &= (-9 + 8 \times (7 + 6^{5+3})) \times 2 \times 0!. \\
26891350 &= (\sqrt{9} + (8 + 6)^5) \times (3 + 2) \times 10. \\
26914830 &= (\sqrt{9^8} - 6) \times (4^{3 \times 2} + 10). \\
26915308 &= 98 \times (65^3 + 21) \times 0!. \\
28397140 &= (9 + 8)^{-7+4 \times 3} \times 2 \times 10. \\
28697031 &= 9 \times (-87 + 6 \times 3^{2+10}). \\
28697310 &= 9 \times (-8 \times 7 + 6 \times 3^{2+10}). \\
28697430 &= (\sqrt{9^{8+7}} - 64 \times 3) \times 2 \times 0!. \\
28901376 &= 9 \times (8 \times 7)^{6/3} \times 2^{10}. \\
29503468 &= (\sqrt{9} + 8 \times 6 + 5)^4 \times 3 - 20. \\
29687501 &= 9 - 8 + 76 \times 5^{-2+10}. \\
30256419 &= ((\sqrt{9} + 6^5)^{\sqrt{4}} - 3)/2 + 1 \times 0. \\
30941685 &= 9 + (8 \times 65 + 4) \times 3^{10}. \\
31457098 &= \sqrt{9} \times (8^7 \times 5 - 4^3) + 10. \\
31457290 &= -(9 + 7)^5 \times (\sqrt{4} - 32) + 10. \\
31458960 &= (9 + 8^6 + 5) \times 4 \times 3 \times 10. \\
31640529 &= ((9 + 6) \times 5)^4 - 3 \times \sqrt{2^{10}}. \\
31640592 &= ((9 + 6) \times 5)^4 - 32 - 1 \times 0!. \\
31762890 &= 9 \times ((-8 + 7^6) \times 3 - 2) \times 10. \\
31850492 &= (\sqrt{9} \times 8)^5 \times 4 + 3 \times 2 - 10. \\
31850496 &= 9 \times 8^6 \times 54/(3 + 1 \times 0!). \\
34187950 &= (-9 + (8 + 7 \times 5)^4 + 3) \times 10. \\
34257609 &= 9 \times (76 + 5^4 \times 3)^2 \times 0!. \\
35271906 &= \sqrt{9} \times (7 \times \sqrt{6^{(5+3) \times 2}} - 10). \\
35271960 &= \sqrt{9} \times (7 \times 6^{5+3} - 2 + 10). \\
35294760 &= (9 + (7^6 \times 5 - \sqrt{4}) \times 3) \times 20. \\
35297640 &= ((9 + 7^6) \times 5 + 4) \times 3 \times 20. \\
35419270 &= (\sqrt{9} + (7 + 5^4 \times 3)^2) \times 10. \\
35960841 &= 9^8 - 6 \times 5 \times 4 \times 3^{10}. \\
36471509 &= 9 + (7^6 + 5 - 4) \times 310. \\
36471809 &= -9 + 8 + (7^6 + \sqrt{4}) \times 310. \\
36471908 &= 98 + (7^6 + \sqrt{4}) \times 310. \\
36904851 &= -9 \times 86 + 5^4 \times 3^{10}. \\
37056918 &= \sqrt{9} - (8 - 7^6) \times (5 + 310). \\
37059246 &= (-\sqrt{9} + 7^6 \times 5) \times (43 + 20). \\
37061958 &= \sqrt{9} + (8 + 7^6) \times (5 + 310). \\
37281940 &= 9^8 - 7^{\sqrt{43}} + 2 \times 10. \\
37649280 &= (9 - 8 + 7^6 + 4) \times 320. \\
38974021 &= (\sqrt{9} + 8)^7 \times \sqrt{4} - 321 \times 0!. \\
39108427 &= \sqrt{9^8} \times 7 + 4 \times (3 + 2)^{10}. \\
39507864 &= \sqrt{9} \times (8 + 76^{5-\sqrt{4}} \times 30). \\
40235976 &= -9 \times (7^6 \times (5 - 43) - 2 \times 0!). \\
40389516 &= 9 \times (8 + 6 + 5) \times 4 \times 3^{10}. \\
41367098 &= 9^8 - 7 - 6^{4 \times (3-1 \times 0!)}. \\
42839075 &= 9^8 + (7 - 54)^3 \times 2 \times 0!.
\end{aligned}$$

$$\begin{aligned}
42968015 &= (\sqrt{9^8} - 6)^{(5-4) \times 2} - 10. \\
42980517 &= 9^8 - 7^5 \times 4 + 2^{10}. \\
43025869 &= 9 + ((8 + 6)^5 \times 4 - 3) \times 20. \\
43059681 &= 9^8 + 6^{5-4+3} \times 10. \\
43072958 &= 9^8 - 7 + (54 \times 3)^2 \times 0!. \\
43097158 &= 9^8 + (7^5 + \sqrt{4}) \times 3 + 10. \\
43098561 &= 9^8 + 6^5 \times \sqrt{4}/3 \times 10. \\
43105986 &= 9^8 + 6^{5-\sqrt{4}} + 3^{10}. \\
43106985 &= 9^8 + 6^5/4 \times 31 \times 0!. \\
43109658 &= 9^8 + 6^5/\sqrt{4} + 3^{10}. \\
45130789 &= 9^8 + 7^5 \times 4 \times 31 \times 0!. \\
45703926 &= 9^{7-6+5} \times 43 \times 2 \times 0!. \\
47185902 &= 9 \times (8^7 \times 5 - 4)/2 \times 1 \times 0!. \\
47185903 &= 9 \times (8^7 \times 5/\sqrt{4} - 3) + 10. \\
47185920 &= 9 \times 8^7 \times 5^{4/2}/10. \\
47258903 &= (98 - 7 \times 5)^4 \times 3 + 20. \\
47829150 &= (\sqrt{\sqrt{\sqrt{9^{8 \times 7}}} - \sqrt{54^2}}) \times 10. \\
47829510 &= 9 \times ((8 - 7 \times 5)^4 - 2) \times 10. \\
47829610 &= (9^{8-7+6} - 4 \times 2) \times 10. \\
49218750 &= (-\sqrt{9} + 8)^7 \times (5 - \sqrt{4}) \times 210. \\
49685730 &= (-9 + 8 \times (7 \times 65)^{\sqrt{4}}) \times 30. \\
49836012 &= ((98 - 6) \times 4)^3 - 2 \times 10. \\
50963784 &= (\sqrt{9^8} - 7) \times 6^5 - 4 \times 30. \\
50963872 &= (\sqrt{9^8} - 7) \times 6^5 - 32 \times 0!. \\
50972386 &= \sqrt{9^8} \times (-7 + 6^5) - 3 - 20. \\
51083946 &= \sqrt{9^8} \times (6^5 + (4 - 3) \times 10). \\
52941670 &= (9 \times (7^6 \times 5 - 4) - 2) \times 10. \\
53084169 &= 9 + (8 \times 6)^{5-4+3} \times 10. \\
53610924 &= \sqrt{9} \times 65^4 + \sqrt{3^{2 \times 10}}. \\
53610948 &= \sqrt{9} \times (8 + 65^4) + 3^{10}. \\
54918360 &= ((\sqrt{9} + 8)^6 - 5 + 4) \times 31 \times 0!. \\
56473920 &= \sqrt{9} \times (7^6 + 5)/\sqrt{4} \times 320. \\
56794280 &= (9 + 8)^{(7-6) \times 5} \times \sqrt{4} \times 20. \\
57394608 &= (9^8 - 765) \times 4/3 \times 0!. \\
57402189 &= \sqrt{9^8} \times 7 \times 5^4 \times 2 - 1 \times 0!. \\
58319064 &= 9 \times 8 \times ((6 \times 5)^4 - 3 - 10). \\
58369027 &= \sqrt{9} - 8^7 + 6^{5+3+2} \times 0!. \\
59630241 &= -9 + (6 \times (5 \times 43)^{2+1} - 0). \\
60357489 &= 98 + (7 - 6^5)^{\sqrt{4}} + 30. \\
60419523 &= (\sqrt{9} - 6^5)^{\sqrt{4}} - \sqrt{3} \times (2 + 10). \\
60419528 &= (9 - 8 + 6^5 - 4)^2 - 1 \times 0!. \\
60419532 &= (\sqrt{9} - 6^5)^{\sqrt{4}} + 3 - 21 \times 0. \\
60458391 &= -9 \times 865 + (\sqrt{4} \times 3)^{10}. \\
60497315 &= (9 - 7 + 6^5)^{\sqrt{4}} + 31 \times 0!. \\
60512839 &= -9 + 8 + (6^5 + 3)^2 - 1 \times 0!. \\
60528397 &= -\sqrt{9} + (8 - 7 + 6^5 + 3)^2 \times 0!. \\
60528419 &= 9 + (8 + 6^5 - 4)^2 + 10. \\
60574981 &= -98 + (7 + 6^5)^{\sqrt{4}} - 10. \\
61509372 &= (\sqrt{9} + 7 \times 6)^5/3 - 2 - 1 \times 0!. \\
62710839 &= (\sqrt{\sqrt{9^8} \times 7 + 6})^3/(2 + 1) \times 0!. \\
62913780 &= \sqrt{9} \times (8^7 + 6 - 32) \times 10. \\
62914380 &= \sqrt{9} \times (8^6 \times 4 - 3) \times 2 \times 10. \\
62914570 &= \sqrt{9} + 7 + 6 \times 5 \times \sqrt{4^{21}} \times 0!. \\
62914580 &= (\sqrt{9} \times 8^{6+5-4} + 2) \times 10. \\
62914780 &= (\sqrt{9} \times 8^7 + 6 \times 4 - 2) \times 10. \\
63847950 &= (9 + 8^7 + 6^5 \times 4) \times 30. \\
63879054 &= -9 + (-8 + 7^6) \times 543 \times 0!. \\
64538910 &= (\sqrt{9} \times (8 + 6)^5 \times 4 + 3) \times 10. \\
67108943 &= 9 \times 8 + 7 + (6 - \sqrt{4})^{3+10}. \\
67109543 &= 9 \times 76 - 5 + 4^{3+10}. \\
68157409 &= -(\sqrt{9} \times 8 + 7) + 65 \times 4^{10}. \\
68342790 &= \sqrt{9} \times ((8 + 7)^6 \times \sqrt{4} - 320). \\
68359410 &= (9 - 8 + 6) \times (5 + (\sqrt{4} + 3)^{10}). \\
68437509 &= 9 + 876 \times 5^{4+3} \times 0!. \\
70541693 &= -9 + 7 \times (6^{5+4} - 310). \\
70589643 &= \sqrt{9} + (8 + 7^6 \times 5 \times 4) \times 30. \\
71596032 &= (9 \times (-7 + 6^5) - 3) \times 2^{10}. \\
73045289 &= 9 + 8 \times (75 + \sqrt{4})^3 \times 20. \\
75296480 &= (9 + 8 \times 7^6 + 5) \times 4 \times 20. \\
75498120 &= (\sqrt{9} \times 8^7 + 54) \times (2 + 10). \\
76235049 &= \sqrt{9} \times (76 - 5)^4 + 3 \times 2 \times 0!. \\
76235094 &= \sqrt{9} \times ((76 - 5)^4 - 3 + 20). \\
76291308 &= (9 + 8) \times 76 \times (\sqrt{3^{2 \times 10}}). \\
78643209 &= 9 + (8 + 7) \times 64^3 \times 20. \\
79413065 &= 9 \times 7^6 \times \sqrt{5^4} \times 3 - 10. \\
80621495 &= -9 + (-8 + 6^{5+4}) \times (-2 + 10). \\
80621594 &= 9 + 8 \times (6^{5+4} + 2) + 1 \times 0!. \\
81907654 &= -9^8 + 7 \times 65^4 + 1 \times 0. \\
85034926 &= (\sqrt{9} + 8)^6 \times (5 + 43) - 2 \times 0!. \\
85194630 &= \sqrt{9} \times ((8 + 65)^4 - 31) \times 0!. \\
86091432 &= (9^8 - (6 + 4)^3) \times 2 - 10. \\
86092135 &= (9^8 - 653) \times 2 - 1 \times 0!. \\
86092713 &= \sqrt{9^{8+7}} \times 6 - \sqrt{3^{2+10}}. \\
86093154 &= (9^8 + 6 + 5) \times \sqrt{4} - 310. \\
86093274 &= (9^8 + 76) \times \sqrt{4} - 320. \\
86093421 &= (9^8 - 6) \times \sqrt{4} + 3 - 2 - 10. \\
86093425 &= (9^8 \times 6 + 5 + 4)/3 - 20. \\
86093451 &= 9 + (86 - 5)^4 \times (3 - 1) \times 0!. \\
86093514 &= 9 \times (8 + 6 \times \sqrt{(5 + 4)^{3+10}}). \\
86093527 &= \sqrt{9^{8+7}} \times 6 + 5 \times (-3 + 20). \\
86093541 &= (9^8 + 65) \times \sqrt{4} - 31 \times 0!. \\
86093574 &= (9^8 + 76 + 5) \times \sqrt{4} - 30. \\
86094127 &= (9^8 + \sqrt{7^6}) \times 4/2 - 1 \times 0!. \\
86094352 &= (9^8 + 65 \times (4 + 3)) \times 2 \times 0!. \\
86095241 &= (9^8 + (6 \times 5)^{\sqrt{4}}) \times 2 - 1 \times 0!. \\
86507492 &= (9^8 + (7 \times 65)^{\sqrt{4}}) \times 2 \times 0!. \\
94371820 &= 9 \times (8^7 \times (\sqrt{4} + 3) - 2 \times 10). \\
95420871 &= (98 - 7) \times (5 + \sqrt{4^{2 \times 10}}). \\
95672340 &= (9^7 + 6^5/(4 \times 3)) \times 20. \\
96783210 &= 9 \times (8 + \sqrt{7^6} \times 3)^2 \times 10. \\
97435801 &= (\sqrt{9} + 8)^7 \times 5 - 4^3 + 10. \\
97435820 &= (((\sqrt{9} + 8)^7 + 5)/4 - 3) \times 20.
\end{aligned}$$

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