

Crazy Representations of Natural Numbers From 280001 to 300000

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Abstract

*During past years author worked with representations of numbers in terms of 1 to 9 and 9 to 1. These representations called as **crazy representations**, and are done from 0 to 200000. For details see the references. This paper brings natural numbers from 280001 to 300000 written in **ascending** and **descending** orders of 1 to 9 and 9 to 1. The numbers are obtained by using basic operations along with **factorial**. Few numbers are by use of **square-root** and/or **triangular numbers**. For more details see author's web-site links [20, 21].*

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1 Crazy Representations of Natural Numbers

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

1.1 Increasing and Decreasing

In 2013-2014, author [15] wrote natural numbers in increasing and decreasing orders of 1 to 9 and 9 to 1. See below some examples:

$$\begin{aligned}
 \mathbf{100} &:= 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 \times 9 = 9 \times 8 + 7 + 6 + 5 + 4 + 3 + 2 + 1 \\
 \mathbf{101} &:= 1 + 2 + 34 + 5 + 6 \times 7 + 8 + 9 = 9 \times 8 + 7 + 6 + 5 + 4 + 3 \times 2 + 1 \\
 \mathbf{102} &:= 12 + 3 \times 4 \times 5 + 6 + 7 + 8 + 9 = 9 + 8 + 7 + 6 + 5 + 4^3 + 2 + 1 \\
 \mathbf{103} &:= 1 \times 2 \times 34 + 5 + 6 + 7 + 8 + 9 = 9 + 8 + 7 \times 6 + 5 \times 4 + 3 + 21 \\
 \mathbf{104} &:= 1 + 23 + 4 + 5 + 6 + 7 \times 8 + 9 = 9 + 8 + 7 + 65 + 4 \times 3 + 2 + 1 \\
 \mathbf{105} &:= 1 + 2 \times 3 \times 4 + 56 + 7 + 8 + 9 = 9 + 8 \times 7 + 6 \times 5 + 4 + 3 + 2 + 1 \\
 \mathbf{106} &:= 12 + 3 + 4 \times 5 + 6 + 7 \times 8 + 9 = 9 + 8 \times 7 + 6 \times 5 + 4 + 3 \times 2 + 1 \\
 \mathbf{107} &:= 1 \times 23 + 4 + 56 + 7 + 8 + 9 = 9 + 8 + 76 + 5 + 4 + 3 + 2 \times 1 \\
 \mathbf{108} &:= 1 + 2 + 3 + 4 + 5 + 6 + 78 + 9 = 9 + 8 + 76 + 5 + 4 + 3 + 2 + 1 \\
 \mathbf{786} &:= 1 + 23 + 4 + 56 + 78 \times 9 = 9 + 8 \times 7 + 6 \times 5 \times 4 \times 3 \times 2 + 1 \\
 \mathbf{999} &:= 12 \times 3 \times (4 + 5) + (67 + 8) \times 9 = 9 + 8 + 7 + 654 + 321 \\
 \mathbf{2535} &:= 1 + 2345 + (6 + 7 + 8) \times 9 = 9 + 87 \times (6 + 5 \times 4 + 3) + 2 + 1 \\
 \mathbf{2607} &:= 123 \times 4 \times 5 + 6 + (7 + 8) \times 9 = 987 + 6 \times 54 \times (3 + 2) \times 1 \\
 \mathbf{10483} &:= 1 + 23 \times 456 - 7 - 8 + 9 = (9 \times 87 \times 6 + 543) \times 2 + 1 \\
 \mathbf{10549} &:= 1^2 \times 34 \times 5 \times (6 + 7 \times 8) + 9 = 9 + (87 \times 6 + 5) \times 4 \times (3 + 2) \times 1 \\
 \mathbf{10550} &:= 1^2 + 34 \times 5 \times (6 + 7 \times 8) + 9 = 9 + (87 \times 6 + 5) \times 4 \times (3 + 2) + 1 \\
 \mathbf{10553} &:= 1 \times 23 \times 456 + 7 \times 8 + 9 = 9 + 8 \times (7 + 6 \times 5 \times 43 + 21) \\
 \mathbf{10554} &:= 1 + 23 \times 456 + 7 \times 8 + 9 = -9 + (8 + 7) \times (6 + 5) \times 4^3 + 2 + 1 \\
 \mathbf{11807} &:= 1 \times 234 \times (5 + 6 \times 7) + 89 = -9 + 8 + 7 \times (6 + 5) \times (4 \times 3)^2 \times 1
 \end{aligned}$$

We observe that the number 10958 is the only number among 0 to 11111, where we need extra operations, such as **square-root**, **factorial**, etc. to write in increasing case. For more details refer author's web-site link [20]. Extension of numbers from 11112 to 30000 refer [16, 17]. For more studies, comments

and suggestions refer author's site link [20]. More details in this directions can be seen in author's work [15, 16, 17, 18, 19, 20].

For more studied on crazy representations of numbers by different author's refer [5, 6, 7, 8, 9, 10, 11, 12, 14]. Youtube videos on number 10958 refer M. Parker [3, 4]. M. Abrahams [1, 2] considered this work as **improbable research**.

Recently author [22, 23, 24, 25, 21] wrote the crazy representations of natural numbers using only **factorials** up to 100000. Below are few examples:

$$\begin{aligned}
 \mathbf{39915} &:= (1 + 2 \times 3!) \times 4! + 5 - 6! + 7 + 8! - 9 = 9 + 8 \times (7! - 6) + 5 - (4! + 3!)/2 + 1 \\
 \mathbf{39916} &:= 1 + (2 + 3)! + 4! + 5! + (6! - 7!)/8 - 9 = 9 + 8! - 7 + (6 - 5! + 4! - 3!)/2 - 1 \\
 \mathbf{39917} &:= (1 \times 2 + 3!)! - 4^5 + 6! \times 7/8 - 9 = (9 + 8!/7) \times 6 + 5! + (4! \times 3)^2 - 1 \\
 \mathbf{39918} &:= 1 + (2 + 3)! - 4^5 + 6! \times 7/8 - 9 = 9 + 8! + 7!/6 - 5^{4!/3!} \times 2 - 1 \\
 \mathbf{59997} &:= (1 + 2^{3!} \times (4! + 5!) - 6) \times 7 - 8!/9 = 9 \times 8 \times 7!/6 - 5! - 4 - 3!/2 + 1 \\
 \mathbf{59998} &:= 1 \times 2 \times ((3! - 4) \times (5^6 - 7!/8) + 9) = 9 + 8! + (7! + 6 - 5!) \times 4 - 3!^2 + 1 \\
 \mathbf{59999} &:= 1 + 2 \times ((3! - 4) \times (5^6 - 7!/8) + 9) = 9 + 8! + (7 \times 6! - 5!) \times 4 - 3^2 - 1 \\
 \mathbf{60000} &:= 1 \times 2 \times (3!! - 4) \times 5!/6 + 7 \times 8!/9 = 9 \times (8! - 7!)/6 + 5! \times ((4! + 3!) \times 2 - 1) \\
 \mathbf{71051} &:= 1 + 2^{3!} \times 4 + (5! - 6) \times (7!/8 - 9) = 9 \times (8! - 7!/6)/5 + 4! - 3!^2 - 1 \\
 \mathbf{71052} &:= 1 + 2 \times (3! + 4 + (5! - 6! + 7!) \times 8) - 9 = 9 + 8! + 7! \times 6 + 5! + 4 + 3!/2 - 1 \\
 \mathbf{71053} &:= 1 - 2 \times 3! + 4! \times (5 \times 6! - 7!/8 - 9) = 9 \times (8! - 7!/6)/5 + 4! - 3!^2 + 1 \\
 \mathbf{71054} &:= (1 + 2^{3!}) \times 4 + (5! - 6) \times (7!/8 - 9) = 9 + 8! + 7! \times 6 + 5! + 4 + 3!/2 + 1 \\
 \mathbf{99997} &:= 1 + 2 \times 3! + 4! + (5! + 6!) \times 7 \times (8 + 9) = 9 - (8 - 7!/6) \times 5! + 4 \times (3!^2 + 1) \\
 \mathbf{99998} &:= 1 - 2 + (3! + 4)^5 - (-6 + 7 + 8 - 9)! = (9 + 8) \times (7! - 6) + 5 \times 4 \times (3!! + 2 - 1) \\
 \mathbf{99999} &:= 1 \times 2 + (3! + 4)^5 + 6 + (7 - 8) \times 9 = 9 + 8! - 7! - (6 - 5! + 4!) \times (3!! - 2 + 1) \\
 \mathbf{100000} &:= (1 + (2 \times 3!! - 4! + 5) \times 6) \times 7 + 8! - 9 = 9 \times 8 - 7 - 6!/5 \times (4! - 3!! + 2) - 1
 \end{aligned}$$

Recently, author's extended the above work for the natural numbers from 100001 to 200000. The whole work is by use of basic operations along with **factorials**. There are few numbers not available by using **factorials**. In order to get the results we used an extra operation of **square-root** and one number by using **triangular numbers**. These are following numbers:

$$\begin{aligned}
 \mathbf{117059} &:= 1 \times 2 - 3!! - 4! \times (\sqrt{5^6 - 7! + 8}) + 9 \\
 \mathbf{153310} &:= 1 + 2 \times ((3! + \sqrt{4})!/5 + 6) \times 7 + 8! + 9 \\
 \mathbf{179618} &:= ((-1 + (2 - 3!!) \times \sqrt{4}) \times \sqrt{5^6 + 7}) \times (8 - 9) \\
 \mathbf{186917} &:= 1 - 2 \times 3! \times (\sqrt{4 - 5^6}) - 7! + 8!/9 \\
 \mathbf{194918} &:= (1 + 2^{3!}) \times 4! \times \sqrt{5^6 + 7} - 89 \\
 \mathbf{192398} &:= -1 + T((T(2 - 3 + 4))!) - T(T(5 + 6) + T(7 + 8 + 9))
 \end{aligned}$$

Below are few more examples from the five works [26, 27, 28, 29, 30] refereeing to the **crazy representations** of numbers from 100001-200000.

$$\begin{aligned}
 100301 &:= 1 + (2 + 3!)! + 4 + (5! + 6! - 7) \times 8 \times 9 = 9 \times 8 + 7 - 6! / 5 \times (4! - 3!!) - 2 \times 1 \\
 100302 &:= 1 - (2 + 3!)! - 4 - 5^6 \times (7 - 8) \times 9 = (9 - 8) \times 7! + 6 \times ((5 \times 4! + 3!)^2 + 1) \\
 119894 &:= (1 \times 2 + 3!! - 4!) \times (5! - 6) - 7 + 8! + 9 = 9 - (8 + 7!) + 6 \times (5 + 4!) \times (3!! - 2) + 1 \\
 119895 &:= 1 + (2 + 3!! - 4!) \times (5! - 6) - 7 + 8! + 9 = 9 + 8! - 7 + (6 - 5!) \times (4! - 3!! - 2) + 1 \\
 120653 &:= 1 + 2 \times 3! + (4 + 5!) \times 6! + 7 \times 8! / 9 = 9 \times 8 + (7! \times 6 - 5) \times 4 - 3!! / 2 + 1 \\
 120654 &:= 1 \times 2 \times (3! + 4! \times (5! + 6! - 7) + 8! + 9) = 9 \times (8 - 7!) + 6 \times ((5 + 4!)^3 \times 2 - 1) \\
 139999 &:= 1 - 2 + (3 + 4) \times 5 \times (6! - 7! + 8!) / 9 = (9 - 8 \times (7 - 6!) + 5!) \times 4! + 3! + 2 - 1 \\
 140000 &:= 1 \times 2 + 3! + 4! \times (5! + (6! - 7) \times 8 + 9) = 9 + (8 + 7! + 6! + 5) \times 4! + 3!! \times 2 - 1 \\
 153321 &:= (1 \times 2 \times 3! + 4! \times (5! - 6) \times 7) \times 8 + 9 = 9 \times 8 + 7! \times 6 \times 5 + 4^{3!} / 2 + 1 \\
 153322 &:= 1 + (2 \times 3! + 4! \times (5! - 6) \times 7) \times 8 + 9 = (9 + (8! \times 7 + (6! - 5!)) / 4!) \times (3! \times 2 + 1) \\
 159937 &:= 1 + (2 + 3!)! \times 4 - 5! - 6! - 7 \times 8 \times 9 = (9 + 8 \times 7! / 6 - 5) \times 4! - 3!! \times 2 + 1 \\
 159938 &:= (1 + (2 + 3!)!) \times 4 - 5 - 6! - 7! / 8 + 9 = 9 + 8! - 7 \times (6! / 5 - 4! \times (3!! - 2) + 1) \\
 160170 &:= 1 + 2 \times (3!! - 4) \times 5! / 6 \times 7 - 8! + 9 = 9 - 8! / ((7! - 6!) / 5!) + 4 \times (3! + |2|) + 1 \\
 160171 &:= 1 + (2 \times 3!! - 4) \times 5! - (6! + 7! / 8) \times 9 = (9 + 8 \times 7 \times (6! - 5)) \times 4 - (3! - 2)! - 1 \\
 179999 &:= 1 + 2 \times (3!! - (4! - 5!) \times 6!) + 7 + 8! - 9 = 9 \times (8! - 7!) + 6! - (5! - 4!) \times 3!! \times 2 - 1 \\
 180000 &:= (1 - 2^{3!}) \times (4! - 5 \times 6!) - (7! - 8) \times 9 = 9 + 8! / 7 + (6! \times 5! - 4 + 3!!) \times 2 - 1 \\
 180184 &:= 1 + (2 + 3!) \times 4! + 5 \times (6! - 7! + 8!) - 9 = 9 \times (8! - 7 \times (6! + 5) \times 4) + 3! - 2 \times 1 \\
 180185 &:= 1 \times 2 + 3 - (4 \times (5 + 6!) \times 7 - 8!) \times 9 = (9 + 8! - 7! + 6!) \times 5 + 4 \times (3!^2 - 1) \\
 199999 &:= 1 \times 2^{3 \times 4} - 5! \times 6! + 7 \times (8! + 9) = (9 + 8! - 7 \times 6) \times 5 - 4 \times (3!! / 2 - 1) \\
 200000 &:= 1 + 2^{3 \times 4} - 5! \times 6! + 7 \times (8! + 9) = 9 + 8 \times (7 - 6^5) + 4^{3^2} - 1
 \end{aligned}$$

1.2 Representations in Terms of Palindromic Digits 1357-9-75321

Recently author wrote natural numbers from 1 to 20000 written in terms of **palindromic digits** 1357-9-7531. Whole the work is by use **factorials**. There are only few numbers where we used **square-root** also. Below are these numbers:

$$\begin{aligned}
 17078 &:= (1 + 3)! + 5! + 7! / (\sqrt{9})!! + (7^5 + (3! - 1)!) & 18587 &:= \sqrt{1 + 3} + 5 \times (7 - (\sqrt{9})!) \times 7 \times 531 \\
 18157 &:= 1357 - \sqrt{9} + 7^5 - 3 - 1 & 18919 &:= 1 + 357 \times (\sqrt{9})! + 7^5 - 31 \\
 18253 &:= 1^{35} + 7! \times \sqrt{9} + 7 + 5^{3! - 1} & 18947 &:= 13 \times 5 + 7! + (\sqrt{9^7} + 5!) \times 3! \times 1 \\
 18281 &:= (1 - 3) \times 5 + 7 \times \sqrt{9} \times (7 \times 5! + 31) & 19004 &:= (1 + 3) \times 5 - 7 \times (\sqrt{9})! \times (7 - 5!) \times (3 + 1) \\
 18282 &:= (1 + 35) \times 7 \times \sqrt{9} + 7^5 + 3!! - 1 & 19151 &:= (1 + 3! - 5)^7 \times ((\sqrt{9 + 7})! + 5!) + 3!! - 1 \\
 18303 &:= (1 \times 3!! + 5 + 7!) \times \sqrt{9} + 7! / (5! / (3 + 1)!) & 19291 &:= 1 - ((3 - 5! - 7^{\sqrt{9}}) \times 7 + 5) \times 3! \times 1 \\
 18401 &:= (1 \times 3!! / 5!)! + 7 \times ((\sqrt{9})! + 7! / (5 - 3)) - 1 & 19347 &:= 1 - 3 \times 5 - 79 + 7! + 5!^{\sqrt{3+1}} \\
 18439 &:= (1 + 3! - 5)^7 \times ((\sqrt{9 + 7})! + 5!) + 3! + 1 & 19463 &:= 1 \times 3!! / 5 + 7! \times \sqrt{9} + 7! - 5! - 3!! - 1 \\
 18461 &:= 1 + 3!^5 + 7! + \sqrt{9} + 7! - 5! + 3!! + 1 & 19599 &:= 1 \times 3 \times 5 + \sqrt{7 + 9} \times (7! - 5! - (3 + 1)!) \\
 18463 &:= 1 + 3!! + 5! + (7! - (\sqrt{9})! + 7 \times 5!) \times 3 \times 1 & 19979 &:= 1 + (3 - 5) \times 7^{\sqrt{9}} + 7! + 5^{3!} - 1 \\
 18555 &:= \sqrt{1 + 3} + 57 + (9 + 7 + 5!)^{3 - 1}
 \end{aligned}$$

Below are few more examples:

$$\begin{aligned}
 327 &:= 1 - 3 \times (5 - 79) + 7 \times 5 \times 3 - 1 \\
 328 &:= 1 - 3 \times (5 - 79) + 7 \times 5 \times 3 \times 1 \\
 329 &:= 1 - 3 \times (5 - 79) + 7 \times 5 \times 3 + 1 \\
 1202 &:= 1 \times 3 \times (5 \times 79 + 7 + 5 - 3!) - 1 \\
 1203 &:= 1 \times 3 \times (5 \times 79 + 7 + 5 - 3!) \times 1 \\
 1204 &:= 1 \times 3 \times (5 \times 79 + 7 + 5 - 3!) + 1 \\
 2147 &:= 1 + 35 + (7 + 9) \times (7 + 5^3) - 1 \\
 2148 &:= 1 + 35 + (7 + 9) \times (7 + 5^3) \times 1 \\
 2149 &:= 1 + 35 + (7 + 9) \times (7 + 5^3) + 1 \\
 3354 &:= 1 + 3579 - 75 \times 3 - 1 \\
 3355 &:= 1 + 3579 - 75 \times 3 \times 1 \\
 3356 &:= 1 + 3579 - 75 \times 3 + 1 \\
 4027 &:= (1 \times 3 + 5 \times 7) \times (9 - 7) \times 53 - 1 \\
 4028 &:= (1 \times 3 + 5 \times 7) \times (9 - 7) \times 53 \times 1 \\
 4029 &:= (1 \times 3 + 5 \times 7) \times (9 - 7) \times 53 + 1 \\
 5042 &:= 1 - 35 + 7! - 9 - 7 + 53 - 1 \\
 5043 &:= 1 - 35 + 7! - 9 - 7 + 53 \times 1 \\
 5044 &:= 1 - 35 + 7! - 9 - 7 + 53 + 1 \\
 6211 &:= (1 + 3)! \times 5! - 7 + 9 \times 7 \times 53 - 1 \\
 6212 &:= (1 + 3)! \times 5! - 7 + 9 \times 7 \times 53 \times 1 \\
 6213 &:= (1 + 3)! \times 5! - 7 + 9 \times 7 \times 53 + 1 \\
 7113 &:= 1 - 35 - 7 + 9 \times (75 + 3!!) - 1 \\
 7114 &:= 1 - 35 - 7 + 9 \times (75 + 3!!) \times 1 \\
 7115 &:= 1 - 35 - 7 + 9 \times (75 + 3!!) + 1 \\
 8215 &:= 1 + 3^5 + 7975 - 3 - 1 \\
 8216 &:= 1 + 3^5 + 7975 - 3 \times 1 \\
 8217 &:= 1 + 3^5 + 7975 - 3 + 1 \\
 9288 &:= 1 - 35 - 79 \times (7 - 5^3) - 1 \\
 9287 &:= 1 - 35 - 79 \times (7 - 5^3) \times 1 \\
 9289 &:= 1 - 35 - 79 \times (7 - 5^3) + 1 \\
 10131 &:= 1 \times 35 + 7! + 9 + 7! + 5 + 3 - 1 \\
 10132 &:= 1 \times 35 + 7! + 9 + 7! + 5 + 3 \times 1 \\
 10133 &:= 1 \times 35 + 7! + 9 + 7! + 5 + 3 + 1 \\
 11051 &:= 1 \times 3! \times (579 + 7 \times 5) \times 3 - 1 \\
 11052 &:= 1 \times 3! \times (579 + 7 \times 5) \times 3 \times 1 \\
 11053 &:= 1 \times 3! \times (579 + 7 \times 5) \times 3 + 1 \\
 12008 &:= 1 + 3 \times 5 \times 797 + 53 - 1 \\
 12009 &:= 1 + 3 \times 5 \times 797 + 53 \times 1 \\
 12010 &:= 1 + 3 \times 5 \times 797 + 53 + 1 \\
 13043 &:= (1 + 3)! \times 57 \times 9 + 7 + 5 + 3!! - 1 \\
 13044 &:= (1 + 3)! \times 57 \times 9 + 7 + 5 + 3!! \times 1 \\
 13045 &:= (1 + 3)! \times 57 \times 9 + 7 + 5 + 3!! + 1 \\
 14028 &:= 1 + 3! - (5 + (7 - 9)^7) \times (5! - 3!) - 1 \\
 14029 &:= 1 + 3! - (5 + (7 - 9)^7) \times (5! - 3!) \times 1 \\
 14030 &:= 1 + 3! - (5 + (7 - 9)^7) \times (5! - 3!) + 1 \\
 15060 &:= 1 + 3 - 57 + 9 + (7! - 5) \times 3 - 1 \\
 15062 &:= 1 + 3 - 57 + 9 + (7! - 5) \times 3 \times 1 \\
 15063 &:= 1 + 3 - 57 + 9 + (7! - 5) \times 3 + 1 \\
 16049 &:= (1^3 + 5) \times (7 \times 97 \times 5 - 3!!) - 1 \\
 16050 &:= (1^3 + 5) \times (7 \times 97 \times 5 - 3!!) \times 1 \\
 16051 &:= (1^3 + 5) \times (7 \times 97 \times 5 - 3!!) + 1 \\
 17033 &:= 1 \times 3 \times (5797 - 5!) + 3 - 1 \\
 17034 &:= 1 \times 3 \times (5797 - 5!) + 3 \times 1 \\
 17035 &:= 1 \times 3 \times (5797 - 5!) + 3 + 1 \\
 18125 &:= (1 \times 35 \times 7 + 97) \times 53 - 1 \\
 18126 &:= (1 \times 35 \times 7 + 97) \times 53 \times 1 \\
 18127 &:= (1 \times 35 \times 7 + 97) \times 53 + 1 \\
 19199 &:= (1^{35} + 79)^{7-5} \times 3 - 1 \\
 19200 &:= (1^{35} + 79)^{7-5} \times 3 \times 1 \\
 19201 &:= (1^{35} + 79)^{7-5} \times 3 + 1
 \end{aligned}$$

1.3 Representations in Terms of Palindromic Digits 2022-2202

Recently author wrote natural numbers from 1 to 10000 written in terms of **palindromic digits** 2022-2202. Whole the work is by used **factorial**, **square-root** and/or **triangular numbers**. Below are few examples:

$$\begin{aligned}
 711 &:= (2+0)!! + 2/2 - 2 - 2 - (0! + 2)! \\
 712 &:= 202 - 2 + 2^{(2+0)^2} \\
 713 &:= (2 \times (0! + 2))! - 2 - 2 - 2 + 0! - 2 \\
 714 &:= \left(\sqrt{(20-2) \times 2}\right)! - 2 - 2 - 02 \\
 1150 &:= 20 \times 2 + 2220/2 \\
 1151 &:= ((2+0!)^2 - 2)^2 - 2 - 0! - 2 \\
 1152 &:= (20 + 22 \times 2) \times (20 - 2) \\
 1153 &:= 2 \times (02 + 2)!^2 + 2 - (0 \times 2)! \\
 2232 &:= 2022 + 2 + T(20) - 2 \\
 2233 &:= 20 + 2 + T(T(22/2)) + 0 \times 2 \\
 2234 &:= T((2+0!) \times 22) + 22 - 0! + 2 \\
 2236 &:= 20 - 2 + 2220 - 2 \\
 3074 &:= (2+0)!! + (T((2+2)! \times 2) + 2 - 0!) \times 2 \\
 3075 &:= (2+0!) \times 2^{T(2+2)} + (2 \times 0)! + 2 \\
 3076 &:= (2 \times 0)! + 2 \times T(T(T(2+2))) - 2 - 0! - 2 \\
 3077 &:= ((2+0)! - 2 - T(T((T(2+2) + 2)))) \times (0! - 2) \\
 4388 &:= ((T(20) \times T(((2/2) + 2)!)) - (20 + 2)) \\
 4389 &:= 202 \times 22 - T(20/2) \\
 4390 &:= (20^2 \times 22 - 20)/2 \\
 4391 &:= (T(T((2+0)!)) \times (22 - 2) + 2 - T(T((0! + 2)!))) \\
 5329 &:= ((2+0)! - T((2+22)/2) - 0!)^2 \\
 5330 &:= T(T(20)/2 - 2) - 2 - (2+02)! \\
 5332 &:= T(T(20)/2) - T(2/2 + 20) - 2 \\
 5333 &:= 20 + T(22) \times (22 + 0! - 2) \\
 6971 &:= (2+0)!! \times T(2+2) + 2 - T(T((2+0!) \times 2)) \\
 6972 &:= T((2+0! + 2)!) - T(T(2+2)) - T(T((2+0)!)) - 2 \\
 6973 &:= (2+0)!! \times T(2+2) + 2 - T(T((2+0)!)) + 2 \\
 6974 &:= (20 + 2) \times (T(22) + 2^{(0!+2)!}) \\
 7591 &:= (T((2+0!) + 2) \times (T(22) \times 2) - 0! + 2) \\
 7592 &:= 2 + (0! + 2 + 2) \times T(22) \times (0! + 2)! \\
 7593 &:= 2 \times T(0! + 2 + 2) \times T(22) + 0! + 2 \\
 7594 &:= (T(2+0! + 2) \times T(22) + 2) \times 02 \\
 8568 &:= (20 + 22) \times (2 + 202) \\
 8569 &:= (T(20/2))^2 + (2+2)! \times T(T((0! + 2)!)) \\
 8570 &:= 2 - T((0! + 2)!) \times (2 - T(2 \times 20)/2) \\
 8571 &:= 22 \times 20^2 - T(T((0! + 2)!)) + 2 \\
 9298 &:= (2 - 0!) \times (T(T((2+2)^2)) - 20 + 2) \\
 9299 &:= 2 - 0! + (T(T((2+2)^2)) - 20) + 2 \\
 9300 &:= 2 + 0 + T(T((2+2)^2)) - 20 + 2 \\
 9301 &:= T((0! + 2)!) + T(T(2^{2+2})) - T(2^{0!+2})
 \end{aligned}$$

2 Crazy Representations From 200001 to 300000

The work again extend the above work, i.e., **crazy representations** of numbers from 200001-300000 written in increasing and decreasing order of 1 to 9 and 9 to 1 using **factorial** along with basic operations. It is again divided in five parts. See below

- 1 Crazy representations from 200001-220000; [31];
- 2 Crazy representations from 220001-240000; [32];
- 3 Crazy representations from 240001-260000; [33];
- 4 Crazy representations from 260001-280000; [34];
- 5 Crazy representations from 280001-300000; [35].

The whole work is by use of **factorials** except few numbers where we have used extra operations as **square-root** and/or **triangular numbers**. See below these numbers:

• Increasing Order

$$208228 := (-1 - 2 \times 3!) \times (\sqrt{4} - 5^6) + 7! + 89$$

$$214684 := 1 - (2 + 3!!/\sqrt{4}) \times (5! - 6! + 7) + 8 + 9$$

$$\begin{aligned} 214882 &:= 1 + 2 \times \left(3!^{\sqrt{4}} + 5! \times (6! + 7) \right) + 8! + 9 \\ 216914 &:= 1 + 2 - \left((3 + \sqrt{4})^5 - 6 \times 7! \right) \times 8 - 9 \\ 219290 &:= 1 \times (2 + 3) \times \left(\sqrt{4} \times (5 - 6!) + (7! - 8) \times 9 \right) \\ 219355 &:= -123 - \left(\sqrt{4} + 5 \right) \times (6 - 7 \times 8! / 9) \\ 220582 &:= 1 - \left((2 \times 3!! - \sqrt{4}) \times (5 + 6) - 7 - 8! \right) \times 9 \\ 220603 &:= -1 + 2 \times \left(3!! + \sqrt{4} + 5! \right) \times (6 \times 7 + 89) \\ 220867 &:= -1 \times 2 + 3 \times \left((\sqrt{4} - 5!) \times (6 - 7! / 8) - 9 \right) \\ 229243 &:= 1 + 2 \times \left((3! + 4!) \times \left(\sqrt{5^6} + 7! \right) - 8! - 9 \right) \\ 232772 &:= \left((1 + 2)!^{3!} - \sqrt{4} \right) \times 5 + 6 - 7 \times 8 \times 9 \\ 237190 &:= \left((1 + 2)!^{3!} - \sqrt{4} \right) \times 5 - (6! \times 7 - 8!) / 9 \\ 245318 &:= 1 \times 2 \times \left(3! + \left(\sqrt{4} + 5 \right)^6 + 7! \right) - 8 \times 9 \\ 248564 &:= 1 \times 2 + \left((3! + \sqrt{4^5}) \times (6! + 7) - 8 \right) \times 9 \\ 252526 &:= 1 + (2 + 3) \times (T(T(4!)) - T(5)) + 6! + T(T(7 + 8 + 9)) \\ 254278 &:= 1 + \left((2 - 3!!) \times 4! + \sqrt{5^6} + 7! + 8! \right) \times 9 \\ 255335 &:= ((1 + 2) \times 3!! + 4) \times \left(\sqrt{5^6} - 7 \right) - 8 - 9 \\ 256066 &:= 1 + \left(2^{(3! + \sqrt{4})} \times \sqrt{5^6} + 7 \right) \times 8 + 9 \\ 263962 &:= \left((1 + 2) \times 3!! + \sqrt{4} \right) \times 5! + 6 \times 7 + 8! / 9 \\ 263963 &:= \left(1 \times 2^{3!} - \sqrt{4} \right) \times (5 \times 6! + 7) + 8! + 9 \\ 264050 &:= 1 + T(2 - T(3 + 4) + T(T(5))) + T(6!) + 7 + 8 + 9 \\ 269068 &:= 1 + \left(2 - 3^{\sqrt{4} + 5} \right) \times 6 + 7 \times (8! - 9) \\ 275980 &:= (1 + 2) \times (3!! + 4) \times \sqrt{5^6} + 7! \times 8 / 9 \\ 288515 &:= 1 + \left(2 + 3!! / \sqrt{4} \right) \times ((5! - 6) \times 7 + 8 - 9) \\ 290606 &:= (1 + 2)! - \left(3 + \sqrt{4} \right) \times (5! - (6 + 7) \times 8! / 9) \\ 290653 &:= T((-1) - 2 + T(3!) + T(T(4))) - T(T(T(5))) - T(6 + 7 + 8 + 9) \\ 291812 &:= 12 + \left(3 + \sqrt{4} \right) \times (5! + (6 + 7) \times 8! / 9) \\ 293189 &:= -1 + (T(2 \times T(T(3))) + T(T(T(4)))) \times T(T(5)) + 6 + 7 + 8 + 9 \\ 293260 &:= T(T(-1 + 2 + 3)) \times (T(4 + T(T(5))) - T(6)) - 7 - 8 - 9 \\ 293261 &:= (1 + 2)! \times \left(3! + \sqrt{4} \right)! + 5 + (6! - 7) \times 8 \times 9 \\ 294226 &:= T(2 \times (T(3 + 4!) + 5)) + T(6 + 7 + 8 + 9) \\ 294637 &:= (-1 - 2 + T(T(T(T(3)))) - T(4)) \times (5 + 6) + 7 + 8 + 9 \\ 294683 &:= -1 + 2 + T(T(T(T(3)))) - T(4) \times (5 - T(T(T(6)))) - 7 - 8 - 9 \end{aligned}$$

$$\begin{aligned}
 294725 &:= 1 \times 2 + 9 \times \left((3! + \sqrt{4})^5 - 6 - (7 + 8) \right) \\
 294754 &:= (1 \times 2 + T(T(T(T(3)))) \times (T(4) - 5 + 6) - 7 - 8 - 9 \\
 295603 &:= (1 - 2 \times 3!) \times \left(\sqrt{4} + 5 - 6 \times (7! \times 8/9) \right) \\
 295754 &:= -1 \times 2 + 3!! + \left(\sqrt{4} - 5 \times 6! \right) \times (7 - 89) \\
 296132 &:= 1 \times 2 - 3! \times \left(\sqrt{4} - (5 + 6) \times (7 + 8!/9) \right) \\
 296204 &:= 1 \times 2 - 3! \times \left(\sqrt{4} \times (5^6 + 7 - 8!) + 9 \right) \\
 299186 &:= (1 + T(T(2 + 3) \times T(4))) \times 5 + T(6! - 7 - 8 - 9) \\
 220531 &:= (1 + 2)! \times \left((3! + \sqrt{4})! - 5 \times (6! - 7) \right) - 8 + 9 \\
 264496 &:= \left(-1 - 2 - 3!! / \sqrt{4} \right) \times (5 - 6!) + 7! - 89 \\
 289058 &:= (1 + 2 + 3!!) \times \left(\sqrt{4} + 56 \right) \times 7 - 8!/9 \\
 289813 &:= -1 + (2 + 3)^{\sqrt{4}+5} - 6 \times (7! - 8!) + 9
 \end{aligned}$$

• Decreasing Order

$$\begin{aligned}
 214835 &:= 9 + (8! - 7!) \times 6 + 5^{(\sqrt{4}+3)} + 21 \\
 229469 &:= 9 \times 8 + 7 \times \left(6 \times 5 + \sqrt{4} \right)^3 + 21 \\
 256126 &:= -9 + T(T(8 + 7)) + T(6! - T(5)) + 4 + 3 + 2 + 1 \\
 265486 &:= 9 - 8! + 7! + \left(65 + \sqrt{4} \right)^3 - (2 + 1)! \\
 291307 &:= \left(-9 + 8! \times 7 / (6 \times 5) - \sqrt{4} \right) \times (32 - 1) \\
 293236 &:= -9 + \left(8! - 7 - (6 + 5)^{\sqrt{4}} \right) \times 3! \times 2 + 1 \\
 294413 &:= -9 \times 8 - 7 - (6 + 5) \times (4! - T(T(T(3 + 2 + 1)))) \\
 294430 &:= \left((9 + (8! - 7!) / 6) \times 5 - \sqrt{4} \right) \times (3^2 + 1) \\
 295420 &:= 9 \times 8 \times (7! - 6!) + 5 - \left(\sqrt{4} + 3 \right)^{(2+1)!} \\
 295429 &:= -9 + T(T(T(8))) + 7 + 6! + T(T(T(5))) \times (4 + 3 + 2 + 1) \\
 295445 &:= (-9 + T(8 + T(T(7))) - T(T(T(6)))) \times 5 - T(4 + 3 + 2 + 1) \\
 295652 &:= -9 \times 8 - 7! + \left(65 + \sqrt{4} \right)^3 + 2 - 1 \\
 297146 &:= \left(-9 \times 8 + 7! / 6 \times \left(5! - \sqrt{4} \right) \right) \times 3 + 2 \times 1 \\
 299239 &:= T(-9 + T(T(8))) / 7 + T(6!) + T(T(T(5))) + T(T(4 + 3 + 2 + 1))
 \end{aligned}$$

This work refer to numbers from 280001 to 300000. There are lot of extra **brackets**. These can be removed by simple calculations.

2.1 Crazy Representations From 280001 to 300000

2.1.1 Numbers From 280001 to 281000

$$\begin{aligned}
 280001 &:= (1 \times 2 - (3 \times ((4 + 5!) \times 6))) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) - ((6 + 5!) \times 4!)) + (3!! + 2 \times 1) \\
 280002 &:= 1 \times 2 + (((3!! \times 4) + 5!)/6) \times (7! - 8!/9) &= (9 \times (8! - 7!)) - ((6 + (5! \times 4!)) \times (3! \times 2 + 1)) \\
 280003 &:= ((1 + 2 \times 3!) \times (4 - 5!)) - (6! - (7 \times 8! - 9)) &= (9 + 8! \times 7) - (((6! + 5 + 4!) \times 3) - (2 - 1)) \\
 280004 &:= (((1 - 2^{3!}) \times 4!) + 5) - (6! - (7 \times 8! - 9)) &= (9 + 8! \times 7) - (((6! + 5 + 4!) \times 3) - (2 \times 1)) \\
 280005 &:= (1 - 2 \times (3!! + 4)) - (5 + 6! - (7 \times (8! - 9))) &= (((9 \times 8) + ((7 - (6 - 5))^{4+3})) - 2) - 1 \\
 280006 &:= (1 - (2 \times 3! + 4! \times 5!)) + (6! + (7 \times (8! - 9))) &= (((9 \times 8) + ((7 - (6 - 5))^{4+3})) - 2) \times 1 \\
 280007 &:= (((1 + 2)!^{3!-4+5}) + 6) + ((7 \times 8) + 9) &= (9 \times (8 + ((7! + 6!) \times 5))) + (((4! \times 3!)^2) - 1) \\
 280008 &:= (1 - (2^{3!} + 4! \times 5!)) + (6! + 7 \times 8! - 9) &= (9 \times (8 + ((7! + 6!) \times 5))) + ((4! \times 3!)^2 \times 1) \\
 280009 &:= (1 + ((2 \times 3!)^4)) + (((5 \times (6! + 7!)) + 8) \times 9) &= (9 \times (8 + ((7! + 6!) \times 5))) + (((4! \times 3!)^2) + 1) \\
 280010 &:= (1 - 2 \times (3!! + 4)) - ((5! \times 6) - (7 \times (8! - 9))) &= (9 + 8! \times 7) - (((6! + 5!) \times 4!)/(3^2) - 1) \\
 280011 &:= ((1 - 2 \times 3!) \times 4) + (5! + (6^7 + (8 - 9))) &= (((9 + 8!) \times 7) - 6!/5) + ((4 - 3!!) \times (2 + 1)) \\
 280012 &:= (((1 - 2^{3!}) \times 4!) - 5) - (6! - (7 \times 8! + 9)) &= (9 \times ((8!/7!) + (6^5 \times 4))) + ((3 + 2) - 1) \\
 280013 &:= ((1 \times 2 + 3!!) - 4! \times 5!) - (6 - (7 \times (8! - 9))) &= 9 + ((8! \times 7) - (((6 \times (5^4)) + 3!!)/2) + 1)) \\
 280014 &:= (1 - (2 \times (3!! + 4! + 5))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6! + 5!)) - (((4 + 3!!) \times 2) + 1) \\
 280015 &:= (1 - 2 \times (3!! + 4)) + (5 - (6! - (7 \times (8! - 9)))) &= (9 + 8! \times 7) - (((6 \times 5!) + 4!) \times 3) + 2 \times 1) \\
 280016 &:= (1 - ((2 \times (3!! + 4)) + 5!)) - (6! - (7 \times (8! + 9))) &= ((9 + 8! \times 7) - (6! + 5!)) + (((4! - 3!!) \times 2) - 1) \\
 280017 &:= (1 - (2^{3!} \times (4 - 5!))) + (6 \times ((7! + 8) \times 9)) &= ((9 + 8! \times 7) - (6! + 5!)) + ((4! - 3!!) \times 2 \times 1) \\
 280018 &:= (1 - ((2 \times (3!! - 4!)) + 5!)) - (6! - (7 \times 8! + 9)) &= (9 \times ((8!/7!) + (6^5 \times 4))) + 3^2 + 1 \\
 280019 &:= (1 - ((2 \times (3!! + 4!)) + 5)) - (6! - (7 \times 8! - 9)) &= (9 \times ((8!/7!) + (6^5 \times 4))) + ((3! \times 2) - 1) \\
 280020 &:= (1 - (2 \times 3!! + 4 + 5!)) - (6! - (7 \times (8! + 9))) &= (9 \times (8! - 7!)) - (6 \times ((5^4) \times (3^2 + 1))) \\
 280021 &:= ((1 + 2 \times 3!) \times (4 - 5!)) - (6! - (7 \times 8! + 9)) &= (9 \times ((8!/7!) + (6^5 \times 4))) + (3! \times 2 + 1) \\
 280022 &:= (((1 - 2^{3!}) \times 4!) + 5) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6! + (5 \times 4!))) - (3!! \times 2 + 1) \\
 280023 &:= (1 \times 2 \times (3!! - 4!)) - (5 \times 6! - (7 \times 8! - 9)) &= 9 \times 8 + (((7 + (6^5 \times (4! - 3!))) \times 2) + 1) \\
 280024 &:= ((1 + (2 \times (3!! - 4!))) - (5 \times 6!)) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) - (6! + (5 \times 4!))) - (3!! \times 2 - 1) \\
 280025 &:= (1 + (2^{3!} \times (4 + 5!))) + ((6 \times 7! - 8) \times 9) &= (9 \times (8! - (7! + 6))) + ((5! \times 4!) - ((3! + 2)! + 1)) \\
 280026 &:= (1 - (2^{3!} + 4! \times 5!)) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6! + (5! - 4))) - (3!! \times 2 + 1) \\
 280027 &:= (1 - ((2 + 3!)! - 4! \times 5!)) - (((6 + 7!) - 8!) \times 9) &= (9 \times ((8 + 7!) \times 6)) + (5 \times (((4! + 3!!) \times 2) - 1)) \\
 280028 &:= (1 - (2 \times 3!! - 4)) - (5! + (6! - (7 \times (8! + 9)))) &= ((9 + 8! \times 7) - 6!) - (((5! + (4 \times 3!!))/2) + 1) \\
 280029 &:= (1 - ((2 \times (3!! + 4!)) - 5)) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6!) - ((5! + (4 \times 3!))/2 \times 1) \\
 280030 &:= 1 + 2 \times 3! - (4! \times 5! - (6! + (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - 6!) - (((5! + (4 \times 3!))/2) - 1) \\
 280031 &:= (1 - ((2 \times (3!! - 4)) - 5)) - (6! - (7 \times (8! - 9))) &= (9 \times ((8 + 7!) \times 6)) + ((5 \times ((4! + 3!!) \times 2)) - 1) \\
 280032 &:= ((1 + 2^{3!}) \times 4! \times 5) + ((6 \times 7! + 8) \times 9) &= ((9 + 8! \times 7) - 6!) - (((5 + (4! + 3!)) \times 2) - 1) \\
 280033 &:= (1 + (2 \times ((3!! + 4!) \times 5))) + (6 \times ((7! + 8) \times 9)) &= ((9 + 8! \times 7) - 6) - (5 \times (((4! - 3!)^2) + 1)) \\
 280034 &:= (1 - ((2 \times (3!! + (4! - 5))) + 6!)) + (7 \times 8! - 9) &= (9 - (8 \times 7)) + ((6! \times (5 + (4! + 3!!/2))) + 1) \\
 280035 &:= (1 + 2 \times 3! \times 4) \times ((5 + (6! \times 7/8)) \times 9) &= ((9 + 8! \times 7) - (6! + 5)) - (((4! + 3!!) \times 2) + 1) \\
 280036 &:= ((1 + 2 \times 3!) \times 4) + ((5! + 6^7) - 8 \times 9) &= ((9 + 8! \times 7) - (6! + 5)) - ((4! + 3!!) \times 2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 280037 &:= ((1 + (2 \times (3!! + 4!))) \times 5) + (6 \times ((7! + 8) \times 9)) &= ((9 + 8! \times 7) - 6) - ((5 \times ((4! - 3)^2)) + 1) \\
 280038 &:= (1 - 2 \times 3!!) + (4 \times 5 - (6! - (7 \times (8! - 9)))) &= 9 + 8 + (((((7 + 6) \times 5!)/4) \times (3!! - 2)) + 1) \\
 280039 &:= (1 \times 2 + 3!!) + ((4 \times (5 - 6!)) + (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6) - ((5 \times ((4! - 3)^2)) - 1) \\
 280040 &:= 1 \times 2 \times ((3!!/4 \times (5 + 6!)) + (7! + 8!/9)) &= ((9 + 8! \times 7) - (6! \times 5)) - (((4! - 3!!) \times 2) + 1) \\
 280041 &:= (1 + 2 \times 3! \times 4!) \times (((5! + 6!)/7) \times 8) + 9 &= ((9 + 8! \times 7) - (6! \times 5)) - ((4! - 3!!) \times 2 \times 1) \\
 280042 &:= ((1 + (2 \times (3!! - 4!))) - (5 \times 6!)) + (7 \times 8! + 9) &= ((9 + 8! \times 7) - (6! \times 5)) - (((4! - 3!!) \times 2) - 1) \\
 280043 &:= (1 - (2 \times 3!! + 4! + 5)) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) - (5 \times (((4! - 3)^2) - 1)) \\
 280044 &:= ((1 - ((2 + 3!)! + 4 - 5!)) + 6^7) + (8! - 9) &= ((9 - 8) + (((7 + (6^5)) - 4) \times (3!^2))) - 1 \\
 280045 &:= (1 + (2 \times (3! + 4!))) + ((5! + 6^7) - 8 \times 9) &= (9 + 8! \times 7 + 6) - (5 \times (((4! - 3)^2) + 1)) \\
 280046 &:= (1 - (2 \times (3 - 4!))) - (5 - (6^7 + 8 \times 9)) &= 9 - (8 - (((7 + (6^5)) - 4) \times (3!^2)) + 1) \\
 280047 &:= (1 - ((2 \times (3!! + 4!)) - 5)) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6! + 5) - (((4! + 3!!) \times 2) - 1) \\
 280048 &:= (1 - (2 \times 3!! + 4!)) - ((5! \times 6) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6! + 5!)) + (4! - (3!! \times 2 - 1)) \\
 280049 &:= (1 + 2^{3!}) + (((4! \times 5) + 6^7) - 8 \times 9) &= (9 + 8! \times 7) + (6 - ((5 \times ((4! - 3)^2)) + 1)) \\
 280050 &:= 1 + 2 \times 3! + ((4! + 5) + (6^7 + 8 \times 9)) &= ((9 + 8! \times 7) - 6!) + (((5 - (4! + 3!!)) \times 2) - 1) \\
 280051 &:= ((1 \times 2 + 3!)! + 4) + ((5! + 6^7) - 8! - 9) &= (9 + 8! \times 7) + (6 - ((5 \times ((4! - 3)^2)) - 1)) \\
 280052 &:= (1 - ((2 \times (3!! + (4! - 5))) + 6!)) + (7 \times 8! + 9) &= (9 + (8! \times 7 + (6! - (5! \times 4)))) - (3!^2 + 1) \\
 280053 &:= (1 - (2 \times 3!! + 4!)) + (5 - (6! - (7 \times 8! - 9))) &= ((9 - 8) + 7!/6) \times ((5 + 4) \times (3!^2 + 1)) \\
 280054 &:= 1 \times 2 \times (3 + (4 \times (5 + ((6^7/8) + 9)))) &= (9 + (8! \times 7 + (6! - (5! \times 4)))) - (3!^2 - 1) \\
 280055 &:= ((1 + 2 \times 3!) \times 4) - (5 - (6^7 + 8 \times 9)) &= (9 + 8! \times 7) + (6 - (5 \times (((4! - 3)^2) - 1))) \\
 280056 &:= (1 - (2 \times (3 - 4!))) + (5 + (6^7 + 8 \times 9)) &= (((9 \times (8!/7)) + 6!) \times 5) + (4! \times (3!! - (2 - 1))) \\
 280057 &:= 1 \times 2 - (((3 - 4) + 5!) + 6^7) \times (8 - 9) &= (9 + 8! \times 7) - (6!/5 + (4^{3!}/2 \times 1)) \\
 280058 &:= (1 - ((2 \times (3!! - 4 \times 5)) + 6!)) + (7 \times (8! - 9)) &= ((9 + 8! \times 7) - (6! + (5!/4))) - (3!! \times 2 + 1) \\
 280059 &:= (1 - 2 \times (3!! + 4)) - (5 + 6! - (7 \times 8! - 9)) &= (9 - (8!/(7!/6))) \times ((5 \times (4 - 3!! \times 2)) - 1) \\
 280060 &:= (1 - (2 \times 3! + 4! \times 5!)) + (6! + 7 \times 8! - 9) &= ((9 + 8! \times 7) - (6! + (5!/4))) - (3!! \times 2 - 1) \\
 280061 &:= (1 - ((2 + 3!)! + (4 \times (5 - 6!)))) - ((7! - 8!) \times 9) &= ((9 + 8! \times 7) - (6! + 5 + 4!)) - (3!! \times 2 - 1) \\
 280062 &:= ((1 + (2 + 3!)! - 4) + ((5! + 6^7) - 8! + 9)) &= 9 + 8 + (((7 + (6^5)) - 4) \times (3!^2)) + 1) \\
 280063 &:= (1 - (2 \times 3!! + 4)) - (5 + 6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - (((6! + 5) \times 4) - 3!!)) - (2 + 1!) \\
 280064 &:= (1 - 2 \times (3!! + 4)) - ((5! \times 6) - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) - (((6! + 5!) \times 4!)/(3^2)) - 1) \\
 280065 &:= ((1 - 2^{3!}) \times 4!) + (5! - (6! - (7 \times (8! - 9)))) &= 9 \times 8 + (7 \times (((6! \times 5)/(4! - 3!))^{2}) - 1) \\
 280066 &:= (1 - (2 \times 3!! + 4!)) - ((5! \times 6) - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - ((6 \times 5!) + 4!)) - (3!! \times 2 - 1) \\
 280067 &:= ((1 \times 2 + 3!!) - 4! \times 5!) - (6 - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) - (((6 \times (5^4)) + 3!!)/2) + 1) \\
 280068 &:= (1 - 2 \times 3!!) - ((4 + (5! \times 6)) - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6! + (5 \times 4))) - (3!! \times 2 + 1) \\
 280069 &:= (1 - 2 \times (3!! + 4)) + (5 - (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6! + 5) - (4! + (3!! \times 2 + 1)) \\
 280070 &:= (1 + ((2 + 3!)! + 4)) + ((5! + 6^7) - 8! + 9) &= (((9 + 8!) \times 7) - (6! + 5!)) + (((4! - 3!!) \times 2) - 1) \\
 280071 &:= (1 - (2 \times 3!! - 4)) - (5 + 6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6! + 5) - (4! + (3!! \times 2 - 1)) \\
 280072 &:= (1 - (2 \times (3!! \times 4))) + (5 \times 6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - (6! + 5!)) + (((4! - 3!!) \times 2) + 1) \\
 280073 &:= (1 - (2 \times 3!! + 4)) + (5 - (6! - (7 \times 8! - 9))) &= (9 \times (8! - 7!) - 6) + ((5! \times 4!) - ((3! + 2)! + 1)) \\
 280074 &:= ((1 \times 2 - 3!!) \times 4) - (5 - (6! + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6 + 5!)) - (4^{3!}/2 + 1) \\
 280075 &:= (1 - ((2 + 3!)! - (4! \times 5! - 6))) - ((7! - 8!) \times 9) &= ((9 + 8! \times 7) - (6! + 5)) - (((4 + 3!!) \times 2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 280076 &:= (1 - 2 \times 3!) + (4 - ((5! \times 6) - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6) - ((5! + (4^3/2)) - 1) \\
 280077 &:= (1 - 2 \times (3!! + 4)) - (5 + 6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! + 5)) - (((4 + 3!!) \times 2) - 1) \\
 280078 &:= (1 - (2 \times 3! + 4! \times 5!)) + (6! + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) - (((5!/4! + 3!!) \times 2) + 1) \\
 280079 &:= (1 \times 2 \times (3!! + 4)) - (5 \times 6! - (7 \times 8! - 9)) &= (9 + (8! \times 7 + 6!)) - (5! \times 4! + (3^2 + 1)) \\
 280080 &:= (1 + (2 \times (3!! + 4))) - (5 \times 6! - (7 \times 8! - 9)) &= ((9 + (8! \times 7!/6!)) - 5!) - (4^3/2 + 1) \\
 280081 &:= (1 + (2 + 3!)) - (((4! - 5) \times 6!) - 7! \times 8) \times 9 &= ((9 + 8! \times 7) - (6! + 5)) - ((4 + 3!! \times 2) - 1) \\
 280082 &:= (1 - 2 \times (3!! + 4)) - ((5! \times 6) - (7 \times 8! + 9)) &= ((9 + (8! \times 7!/6!)) - 5!) - (4^3/2 - 1) \\
 280083 &:= ((1 - 2) + 3^4) - (5 - (6^7 + 8 \times 9)) &= ((9 + 8! \times 7) - (6! + (5!/4!))) - (3!! \times 2 + 1) \\
 280084 &:= 1 + 2 \times 3! - (4! \times 5! - (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!) - (((5! + (4 \times 3!!))/2) - 1) \\
 280085 &:= (1 - ((2 \times (3!! - 4)) - 5)) - (6! - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) + (((6 \times (5 - (4! + 3!!)))/2) - 1) \\
 280086 &:= (1 - 2 \times 3!!) - ((4 + (5! \times 6)) - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6 - 5!))) - (4^3/2 + 1) \\
 280087 &:= (1 - ((2 + 3!)! - (4! \times 5! + 6))) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7) - 6) - (5 \times (((4! - 3!)^2) + 1)) \\
 280088 &:= (1 + (2^3 \times (4 + 5!))) + ((6 \times (7! + 8!)) - 9) &= (9 + ((8! + 7!) \times 6)) + ((5! \times ((4^3) + 2)) - 1) \\
 280089 &:= (1 - (2 \times 3!! - 4)) - (5 + 6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6! + 5)) - (((4! + 3!!) \times 2) + 1) \\
 280090 &:= (1 - (2 \times (3!! \times 4))) + (5 \times 6! + (7 \times 8! + 9)) &= (9 + ((8! + 7!) \times 6)) + ((5! \times ((4^3) + 2)) + 1) \\
 280091 &:= (1 - 2 \times 3!! + 4!) - (5 + 6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6) - ((5 \times ((4! - 3!)^2)) + 1) \\
 280092 &:= ((1 \times 2 - 3!!) \times 4) - (5 - (6! + (7 \times 8! + 9))) &= ((9 + 8! \times 7) - (6! \times 5 - 4)) + 3!! \times 2 - 1 \\
 280093 &:= ((1 - 2 \times 3!!) \times 4) + (5 \times 6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6) - ((5 \times ((4! - 3!)^2)) - 1) \\
 280094 &:= (1 - 2 \times 3!!) + (4 - ((5! \times 6) - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - (6! \times 5)) - (((4! - 3!!) \times 2) + 1) \\
 280095 &:= (((1 + ((2 + 3!)! + (4 \times 5!))) \times 6) - 7!) + (8! + 9) &= ((9 + 8! \times 7) - (6! - (5!/4!))) - (3!! \times 2 - 1) \\
 280096 &:= (1 - 2 \times 3!!) + (((4 - 5!) \times 6) + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - (6! \times 5)) - (((4! - 3!!) \times 2) - 1) \\
 280097 &:= (1 - 2 \times 3!!) - (4! \times 5! - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - 6) - (5 \times (((4! - 3!)^2) - 1)) \\
 280098 &:= (1 + 2 \times 3!) \times (((4! \times (5! + 6)) - 7!/8) \times 9) &= (9 + 8!/7!) + ((6! \times (5 + (4! + 3!!/2))) + 1) \\
 280099 &:= (1 - (2 \times 3!! - 4)) + (5 - (6! - (7 \times 8! + 9))) &= (9 + (8! \times 7 + 6!)) - ((5! \times 4!) - (3^2 + 1)) \\
 280100 &:= (1 - (2 \times (3 - 4!))) + ((5! + 6^7) - 8 + 9) &= ((9 + 8! \times 7) - 6!) + (((5!/4! - 3!!) \times 2) + 1) \\
 280101 &:= (1 - ((2 + 3!)! - (4 \times (5 + 6!)))) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7) - 6! + 5) - (((4! + 3!!) \times 2) - 1) \\
 280102 &:= 1 + 2 \times 3! - (4! \times 5! - (6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! - (5! \times 4!)))) + (3! \times 2 + 1) \\
 280103 &:= (1 - ((2 \times (3!! - 4)) - 5)) - (6! - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + (6 - ((5 \times ((4! - 3!)^2)) + 1)) \\
 280104 &:= 1 \times 2 \times (3 \times (4 - (5! + (6! \times (7 - 8 \times 9)))) &= (((9 + 8!) \times 7) - 6!) + (((5 - (4! + 3!!)) \times 2) - 1) \\
 280105 &:= ((1 \times 2^3) \times (4 + 5!)) + ((6 \times (7! + 8!)) + 9) &= ((9 + 8!) \times 7) + (6 - ((5 \times ((4! - 3!)^2)) - 1)) \\
 280106 &:= (1 + (2^3 \times (4 + 5!))) + ((6 \times (7! + 8!)) + 9) &= (((9 + 8!) \times 7) + (6! - (5! \times 4!))) - (3!^2 + 1) \\
 280107 &:= ((1 + 2 \times 3!) \times 4) + (5! + (6^7 + (8 - 9))) &= ((9 + 8! \times 7) - (6! + (5 - 4!))) - (3!! \times 2 + 1) \\
 280108 &:= ((1 + 2 \times 3!) \times 4) + (5! - (6^7 \times (8 - 9))) &= (((9 + 8!) \times 7) + (6! - (5! \times 4!))) - (3!^2 - 1) \\
 280109 &:= (1 - 2 \times 3!! + 4!) - (5 + 6! - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + (6 - (5 \times (((4! - 3!)^2) - 1))) \\
 280110 &:= (1 - 2 \times 3!!) + (4 \times 5 - (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6!/5) - (4^3/2 + 1) \\
 280111 &:= (1 \times 2 + 3!!) + ((4 \times (5 - 6!)) + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - (6!/5 + (4^3/2 \times 1)) \\
 280112 &:= (1 + (2 \times (3! + 4!))) \times (((5! + (6 + 7!)) \times 8)/9) &= (((9 + 8!) \times 7) - 6!/5) - (4^3/2 - 1) \\
 280113 &:= ((1 \times 2^3) \times 4!) - (5 \times 6! - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - (6! + 5)) - (4! + (3!! \times 2 + 1)) \\
 280114 &:= (1 - 2 \times 3!!) + (((4 - 5!) \times 6) + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6 \times 5!)) + (4! - (3!! \times 2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 280115 &:= (1 - (2 \times (3!! - 4!))) - (5 + 6! - (7 \times 8! - 9)) &= (9 \times (8 - ((7 - 6^5) \times 4))) + (3!!/2 - 1) \\
 280116 &:= 1 \times 2 \times (((3 \times (4! + (5! + (6 + 7!)))) - 8) \times 9) &= (9 \times (8 - ((7 - 6^5) \times 4))) + (3!!/2 \times 1) \\
 280117 &:= 1 + 2 \times 3! - ((4! - 5!) - (6^7 + 8 \times 9)) &= (9 \times (8 - ((7 - 6^5) \times 4))) + (3!!/2 + 1) \\
 280118 &:= (1 - (2 \times (3 + 4^5))) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - (6! \times 5 + 4!)) + 3!! \times 2 - 1 \\
 280119 &:= ((1 - 2^{3!}) \times 4!) + (5! - (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6! + 5) + (4! - (3!! \times 2 - 1)) \\
 280120 &:= (1 + (2 \times (3!! + 4!))) - (5 \times 6! - (7 \times 8! - 9)) &= (9 + ((8! + 7!) \times 6)) - (((5! - 4^{3!}) \times 2) + 1) \\
 280121 &:= (1 - 2 \times 3!) + ((4 + 5!) + (6^7 + 8 \times 9)) &= (9 + ((8! + 7!) \times 6)) - ((5! - 4^{3!}) \times 2 \times 1) \\
 280122 &:= (1 + 2^{3!}) + (((4! \times 5) + 6^7) - 8 + 9) &= (9 + ((8! + 7!) \times 6)) - (((5! - 4^{3!}) \times 2) - 1) \\
 280123 &:= (1 + ((2 + 3!) \times 4!)) - (5 - (6^7 + (8 - 9))) &= (((9 + 8!) \times 7) - (6! - (5 - 4!))) - (3!! \times 2 + 1) \\
 280124 &:= (1 - (2 \times (3! + 4^5))) + (6 + (7 \times (8! - 9))) &= (9 + (8! \times 7 + 6!)) - ((5! \times 4!) - (3!^2 - 1)) \\
 280125 &:= (1 - ((2 \times (3!! - 4!)) - 5)) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6! - (5 - 4!))) - (3!! \times 2 - 1) \\
 280126 &:= (1 + (2^{3!} \times 4)) + ((5 + 6^7) - 8 \times 9) &= (9 + (8! \times 7 + 6!)) - ((5! \times 4!) - (3!^2 + 1)) \\
 280127 &:= 1 \times 2 + (((3! - 4!) \times (5! - 6)) + (7 \times (8! - 9))) &= (((9 \times (8!/7)) + 6!) \times 5) + ((4! \times (3!! + 2)) - 1) \\
 280128 &:= 1 \times 2 - (((3! - (4 + 5!)) - (6^7 + 8 \times 9)) &= ((9 + 8! \times 7) - 6!) - (((5 - (4! - 3!!)) \times 2) - 1) \\
 280129 &:= (1 - (2 \times (3!! \times 4! + 5!))) + ((6^7/8) \times 9) &= (((9 + 8!) \times 7) - (6! + 5)) - (((4 + 3!!) \times 2) + 1) \\
 280130 &:= (1 - (2 \times (3!! - (4! + 5)))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6) - ((5! + (4^{3!}/2)) - 1) \\
 280131 &:= (1 - 2 \times (3!! + 4)) - (5 + 6! - (7 \times (8! + 9))) &= ((9 + 8! \times 7) - (6! + 5)) + (((4! - 3!!) \times 2) - 1) \\
 280132 &:= (1 - (2 \times 3! + 4! \times 5!)) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) - (((5!/4! + 3!!) \times 2) + 1) \\
 280133 &:= ((1 + ((2 + 3!)/4!)) \times 5) + (6 \times ((7! - 8) \times 9)) &= ((9 + (8! + 7!)) \times 6) + ((5! \times ((4^3) + 2)) - 1) \\
 280134 &:= (1 - (2 \times 3!! + 4 - 5!)) - (6! - (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6) - (((5! + 4^{3!})/2) + 1) \\
 280135 &:= (1 - ((2 + 3!)! - 4! \times 5!)) + ((6 - (7! - 8!)) \times 9) &= ((9 + (8! + 7!)) \times 6) + ((5! \times ((4^3) + 2)) + 1) \\
 280136 &:= ((1 + 2^{3!}) - (4! \times 5! - 6!)) + (7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) - (((5! + 4^{3!})/2) - 1) \\
 280137 &:= ((1 - 2^{3!}) \times 4!) + (5! - (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - (6! + (5!/4!))) - (3!! \times 2 + 1) \\
 280138 &:= (1 + (2 \times (3!! + 4!))) - (5 \times 6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6 \times 5!)) + (((4! - 3!!) \times 2) + 1) \\
 280139 &:= (1 \times 2 - (3!! \times 4 - 5!)) + (6! + (7 \times (8! - 9))) &= (9 + 8! \times 7) - (((6 + 5!) + 4^{3!})/2 - 1) \\
 280140 &:= (1 - 2 \times 3!!) - ((4 + (5! \times 6)) - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6 - 5!)) - (4^{3!}/2 + 1) \\
 280141 &:= (1 - 2 \times (3!! + 4)) + (5 - (6! - (7 \times (8! + 9)))) &= ((9 + 8! \times 7) - 6! + 5) + (((4! - 3!!) \times 2) - 1) \\
 280142 &:= (1 - (2 \times 3!! - 4)) + (5! - (6! - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + 6) - ((5! + (4^{3!}/2)) - 1) \\
 280143 &:= (1 - ((2 \times (3!! - 4!)) - 5)) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6! + 5) + (((4! - 3!!) \times 2) + 1) \\
 280144 &:= (1 - ((2 \times (3!! + 4!)) - 5!)) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! \times 5)) - ((4 \times 3!! \times 2) - 1) \\
 280145 &:= (1 - (2 \times 3!! + 4)) + (5 - (6! - (7 \times (8! + 9)))) &= (9 + 8! \times 7) + (((6 - 5! - 4^{3!})/2) + 1) \\
 280146 &:= (1 - ((2 \times (3!! - 4)) - 5!)) - (6! - (7 \times (8! - 9))) &= (9 + 8! \times 7 + 6) - (((5! + 4^{3!})/2) + 1) \\
 280147 &:= (((1 - 2 \times 3!) \times (4 + 5!)) - 6!) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6! \times 5)) - (4 \times (3!! \times 2 - 1)) \\
 280148 &:= ((1 + 2^{3!}) \times (4 + 5!)) + ((6 \times 7! - 8) \times 9) &= (9 + 8! \times 7 + 6) - (((5! + 4^{3!})/2) - 1) \\
 280149 &:= (1 \times 2 + 3! \times 4!) - (5 - (6^7 + 8 \times 9)) &= (((9 + 8!) \times 7) - (6! - (5!/4!))) - (3!! \times 2 - 1) \\
 280150 &:= ((1 \times 2^{3!}) \times (4 + 5!)) + (6 \times (7! + 8! + 9)) &= ((9 + 8! \times 7) - 6!) + (((5! - (4 \times 3!!))/2) + 1) \\
 280151 &:= (1 + (2^{3!} \times (4 + 5!))) + (6 \times (7! + 8! + 9)) &= (9 \times (8 + (7! \times 6))) + ((5! \times ((4^3) + 2)) - 1) \\
 280152 &:= (1 + (2 \times (3!! + 4))) - (5 \times 6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6! + 5) - (4 \times (3!!/2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 280153 &:= ((1 + ((2 + 3!) + 4))/5) + ((6 \times 7! - 8) \times 9) &= (9 \times (8 + (7! \times 6))) + ((5! \times ((4^3) + 2)) + 1) \\
 280154 &:= ((1 + 2^{3!}) - (4! \times 5! - 6!)) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) - 6!) + (((5!/4! - 3!!) \times 2) + 1) \\
 280155 &:= 1 - (2 + (3!^4 + (5 + 6! - (7 \times (8! - 9)))))) &= (((9 + 8!) \times 7) - 6! + 5) + (((4 - 3!!) \times 2) - 1) \\
 280156 &:= 1 + 2 \times 3! - (4! \times 5! - (6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - (((6 \times 5! - 4) \times 3) - 2)) - 1 \\
 280157 &:= ((1 + ((2 + 3!) + 4))/5) + ((6 \times 7! - 8) \times 9) &= (((9 + 8!) \times 7) - (((6 \times 5! - 4) \times 3) - 2)) \times 1 \\
 280158 &:= 1 \times 2 - (3!^4 + (5 + 6! - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - (((6 \times 5! - 4) \times 3) - 2)) + 1 \\
 280159 &:= (1 \times 2 + 3! \times 4!) + (5 + (6^7 + 8 \times 9)) &= (9 + 8! \times 7) - (((6 \times 5! - 4) \times 3) + 2 \times 1) \\
 280160 &:= (1 \times 2 + 3!) \times (4 + (((5! + 6^7)/8) + 9)) &= (9 \times ((8 + 7!) \times 6)) + (((5 + 4!) \times 3)^2) - 1 \\
 280161 &:= ((1 + 2) \times ((3!! - 4) \times (5! - 6))) - (7! - 8! - 9) &= (((9 + 8!) \times 7) - (6! + (5 - (4! - 3!! \times 2)))) - 1 \\
 280162 &:= (1 - ((2 \times (3!! + 4!)) - 5!)) - (6! - (7 \times 8! + 9)) &= (9 \times ((8 + 7!) \times 6)) + (((5 + 4!) \times 3)^2) + 1 \\
 280163 &:= (1 - 2 \times 3!! + 4!) - (5 + 6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - (6! + (5 - (4! - 3!! \times 2)))) + 1 \\
 280164 &:= (1 \times 2 + (3 \times 4!)) \times (((5! + 6 \times 7!)/8) - 9) &= (((9 + 8!) \times 7) - (((6! - 5) \times 4) - (3!! + 2))) - 1 \\
 280165 &:= (((1 - 2 \times 3!) \times (4 + 5!)) - 6!) + (7 \times 8! + 9) &= ((9 + (8! + 7!)) \times 6) - (((5! - 4^{3!}) \times 2) + 1) \\
 280166 &:= (1 - (2 \times (3! + 4^5))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6! \times 5 - 4!)) + 3!! \times 2 - 1 \\
 280167 &:= ((1 \times 2^{3!}) \times 4!) - (5 \times 6! - (7 \times 8! - 9)) &= ((9 + (8! + 7!)) \times 6) - (((5! - 4^{3!}) \times 2) - 1) \\
 280168 &:= (1 + 2^{3!} \times 4!) - (5 \times 6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6 \times 5!)) + (4! - (3!! \times 2 - 1)) \\
 280169 &:= (1 + (2^{3!} \times (4 + 5!))) + ((6 \times 7! + 8) \times 9) &= (((9 + 8!) \times 7) - (((6! - 5) \times 4) - 3!!)) + (2 + 1)! \\
 280170 &:= (1 + (2 \times (3 + 4!))) \times (5! + ((6 + 7!) - 8 \times 9)) &= ((9 + 8! \times 7) - 6 \times 5) - (4^{3!}/2 + 1) \\
 280171 &:= ((1 + ((2 + 3!) + 4))/5) + (6 \times (7! + 8! - 9)) &= (((9 + 8!) \times 7) - 6! + 5) + (4! - (3!! \times 2 + 1)) \\
 280172 &:= (1 - (2 \times (3 + 4^5))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6! - (5!/4))) - (3!! \times 2 + 1) \\
 280173 &:= (1 - 2 \times 3!! + 4!) + (5 - (6! - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - 6! + 5) + (4! - (3!! \times 2 - 1)) \\
 280174 &:= (1 + 2)! - (3!! - (4^5 + (6^7 - 8 \times 9))) &= (((9 + 8!) \times 7) - (6! - (5!/4))) - (3!! \times 2 - 1) \\
 280175 &:= ((1 + ((2 + 3!) + 4))/5) + (6 \times (7! + 8! - 9)) &= (9 + 8! \times 7) + (((6 \times ((5 + 4!) - 3!!))/2) - 1) \\
 280176 &:= (1 \times 2 + 3!) \times ((4! + ((5! + 6^7)/8)) - 9) &= (9 \times (((8 + 7!) \times 6) - 5!)) + (4! \times (3!!/2 + 1)) \\
 280177 &:= (1 + 2 \times 3! \times 4) + (5! + (6^7 + 8 \times 9)) &= (9 + 8! \times 7) + (((6 \times ((5 + 4!) - 3!!))/2) + 1) \\
 280178 &:= (1 - (2 \times (3! + 4^5))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + 6!) - ((5! \times 4!) - (3!^2 - 1)) \\
 280179 &:= 1 \times 2 + (((3!! - (4 \times 5!)) + 6^7) - 8 + 9) &= ((9 + 8! \times 7) - 6) - ((5^4) + (3!! \times 2 - 1)) \\
 280180 &:= ((1 + 2 \times 3!) \times 4) + (5! + (6^7 + 8 \times 9)) &= (((9 + 8!) \times 7) + 6!) - ((5! \times 4!) - (3!^2 + 1)) \\
 280181 &:= ((1 + 2 \times 3!) \times 4!) + ((5 + 6^7) - 8 \times 9) &= 9 - ((8 - ((7 + (6^5)) \times (4! - 3!!))) \times 2 \times 1) \\
 280182 &:= (1 + 2 \times 3! \times 4) \times (5 + (((6! - 7) \times 8) + 9)) &= (((9 + 8!) \times 7) - 6!) - (((5 - (4! - 3!!)) \times 2) - 1) \\
 280183 &:= (1 \times 2 \times (3 - 4^5)) - (6 - (7 \times 8! - 9)) &= (9 \times (8 + (7! \times 6))) - (((5! - 4^{3!}) \times 2) + 1) \\
 280184 &:= (1 - ((2 \times (3!! + 4)) - 5!)) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6! - (5! - 4!))) - (3!! \times 2 + 1) \\
 280185 &:= ((1 \times 2^{3!}) \times 4!) - (5 \times 6! - (7 \times 8! + 9)) &= (9 \times (8 + (7! \times 6))) - (((5! - 4^{3!}) \times 2) - 1) \\
 280186 &:= (1 + 2^{3!} \times 4!) - (5 \times 6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! - (5! - 4!))) - (3!! \times 2 - 1) \\
 280187 &:= (1 - (2 \times (3!! - 4!))) - (5 + 6! - (7 \times (8! + 9))) &= (9 \times (((8!/7!) + (6^5)) \times 4)) - (3!^2 + 1) \\
 280188 &:= (1 - (2 \times 3!! + 4 - 5!)) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6) - (((5! + 4^{3!})/2) + 1) \\
 280189 &:= (1 + (2 \times (3! + 4!))) + (5! + (6^7 + 8 \times 9)) &= ((9 + 8! \times 7) - 6) - (5 + (4^{3!}/2 + 1)) \\
 280190 &:= (1 + (2 \times (3! - 4^5))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6) - (((5! + 4^{3!})/2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 280191 &:= ((1 + 2^{3!}) \times 4!) - (5 \times 6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) - ((5 + (4^{3!}/2)) - 1) \\
 280192 &:= (1 - (2 \times 3!! - (4! \times 5))) - (6! - (7 \times 8! - 9)) &= (9 + 8! \times 7) + ((6 \times (5 + ((4! - 3!!)/2))) + 1) \\
 280193 &:= (1 \times 2 - (3!! \times 4 - 5!)) + (6! + 7 \times 8! - 9) &= ((9 + 8!) \times 7) - (((6 + 5!) + 4^{3!})/2) - 1) \\
 280194 &:= (1 + 2)! + ((3!! + (4 + (5! + (6 \times (7! + 8)))))) \times 9 &= (9 + ((8! + 7!/6)/5)) \times (4! + (3^2 + 1)) \\
 280195 &:= (1 \times 2 \times (3 - 4^5)) + ((6 + 7 \times 8!) - 9) &= ((9 + (8! \times 7!/6!)) - 5) - (4^{3!}/2 + 1) \\
 280196 &:= (1 - (2 \times 3!! - 4)) + (5! - (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6!/5!) - (4^{3!}/2 - 1) \\
 280197 &:= (1 - ((2 \times (3!! - 4!)) - 5)) - (6! - (7 \times (8! + 9))) &= ((9 + (8! \times 7!/6!)) - 5) - (4^{3!}/2 - 1) \\
 280198 &:= (1 + (2^{3!} \times 4)) + (5 - (6^7 \times (8 - 9))) &= (((9 + 8!) \times 7) - ((6! + (5 - 4!)) \times 3)) - 2 \times 1 \\
 280199 &:= (((1 \times 2 - 3!!) \times 4) + 5!) + (6! + 7 \times 8! - 9) &= ((9 + 8!) \times 7) + (((6 - 5! - 4^{3!})/2) + 1) \\
 280200 &:= (1 - ((2 \times (3!! - 4)) - 5!)) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) - (((5! + 4^{3!})/2) + 1) \\
 280201 &:= (1 \times 2 \times (3 - 4^5)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) + (5 - (4^{3!}/2 - 1)) \\
 280202 &:= (1 + (2 \times (3! - 4^5))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + 6) - (((5! + 4^{3!})/2) - 1) \\
 280203 &:= 1 - (((2 + (3! \times 4! + 5!)) + 6^7) \times (8 - 9)) &= (9 + 8! \times 7 + 6) - ((5 + (4^{3!}/2)) - 1) \\
 280204 &:= ((1 + 2)! + (((3 \times 4)^5) + 6)) + (7 \times 8!/9) &= ((9 \times (8! - (7! - (6 \times ((5 + 4!) - 3!!)))) - 2) \times 1 \\
 280205 &:= (1 \times 2 + (3 \times (4 \times 5 - 6!))) + (7 \times (8! + 9)) &= (9 + ((8! \times 7!/6!) + 5)) - (4^{3!}/2 + 1) \\
 280206 &:= (1 - (2 \times 3!! + 4 - 5!)) - (6! - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6!/5!))) - (4^{3!}/2 + 1) \\
 280207 &:= ((1 \times 2^{3!}) - (4! \times 5! - 6!)) + (7 \times (8! + 9)) &= (9 + ((8! \times 7!/6!) + 5)) - (4^{3!}/2 - 1) \\
 280208 &:= (1 + (2 \times (3! - 4^5))) - (6 - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6!/5!))) - (4^{3!}/2 - 1) \\
 280209 &:= ((1 + 2^{3!}) \times 4!) - (5 \times 6! - (7 \times 8! + 9)) &= (9 + 8! - 7!) - (6! - (5! \times (4^{3!}/2 - 1))) \\
 280210 &:= (1 - (2 \times 3!! - (4! \times 5))) - (6! - (7 \times 8! + 9)) &= ((9 \times (8 + (7 \times (6 + 5!)))) - 4) \times (3!^2 - 1) \\
 280211 &:= ((1 + 2^{3!}) \times (4 + 5!)) + ((6 \times (7! + 8!)) - 9) &= (9 \times (((8!/7!) + (6^5)) \times 4)) - (3! \times 2 + 1) \\
 280212 &:= 1 \times 2 - (3!^4 + (5 + 6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - (6! - (5! + 4))) - (3!! \times 2 + 1) \\
 280213 &:= (1 \times 2 \times (3 - 4^5)) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + (5 - (4^{3!}/2 - 1)) \\
 280214 &:= (1 - (2 \times 3!! - 4)) + (5! - (6! - (7 \times 8! + 9))) &= (9 \times (((8!/7!) + (6^5)) \times 4)) - (3^2 + 1) \\
 280215 &:= (1 + 2 \times 3!) \times (4 - ((5 \times (6! - (7! - 8))) + 9)) &= (9 - (8!/(7!/6))) \times (5 \times (4 - (3!! \times 2 + 1))) \\
 280216 &:= ((1 + ((2 + 3!)! + 4))/5) + ((6 \times (7! + 8!)) - 9) &= (((9 + 8!) \times 7) - (6! - 5!)) - (((4! + 3!!) \times 2) - 1) \\
 280217 &:= 1 \times 2 - (3!^4 + ((5! \times 6) - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - (6! - 5!)) + ((4 - 3!!) \times 2 \times 1) \\
 280218 &:= (1 - ((2 \times (3!! - 4)) - 5!)) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! - 5!)) + (((4 - 3!!) \times 2) + 1) \\
 280219 &:= (((1 - 2 \times 3!) \times (4 + 5!)) - 6!) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - 6!) - ((5! + 4) \times ((3! \times 2) - 1)) \\
 280220 &:= ((1 + ((2 + 3!)! + 4))/5) + ((6 \times (7! + 8!)) - 9) &= ((9 \times (((8!/7!) + (6^5)) \times 4)) - 3!) + (2 \times 1) \\
 280221 &:= (1 + 2 \times 3! \times 4!) - (5 - (6^7 - 8 + 9)) &= ((9 \times (((8!/7!) + (6^5)) \times 4)) - 3!) + (2 + 1) \\
 280222 &:= (1 \times 2 - 3!^4) + (5 - (6! - (7 \times 8! - 9))) &= ((9 + 8) + ((7 + (6^5)) \times (4! - 3!))) \times 2 \times 1 \\
 280223 &:= ((1 + 2) - (3!^4 - 5)) - (6! - (7 \times 8! - 9)) &= (9 \times (8 + ((7! \times 6) + 5!))) + (((4!^3)/2) - 1) \\
 280224 &:= (1 \times 2 + 3!)! + (4 \times ((5! + 6! - 7) \times 8 \times 9)) &= (((9 + 8!) \times 7) - 6 \times 5) - (4^{3!}/2 + 1) \\
 280225 &:= (1 - ((2 + 3!)! - (4! \times (5! + 6)))) - ((7! - 8!) \times 9) &= (9 \times (8 + ((7! \times 6) + 5!))) + (((4!^3)/2) + 1) \\
 280226 &:= (1 \times 2 - 3!!) + ((4^5 + (6 \times (7! - 8))) \times 9) &= 9 + 8! - (7 \times (((6!/5) - (4! \times 3!!)) \times 2) + 1) \\
 280227 &:= 1 - (((2 - (3 \times (4! - 5!))) + 6^7) \times (8 - 9)) &= (((9 + 8!) \times 7) - 6) + (((5!/4) - 3!!) \times (2 + 1)) \\
 280228 &:= (((1 + 2)!!/3) + 4) + ((5! + 6^7) - 8 \times 9) &= (9 + 8) \times ((7 \times (6 - 5!)) + ((4! \times 3!!) + 2 \times 1))
 \end{aligned}$$

$$\begin{aligned}
 280229 &:= ((1 + 2^{3!}) \times (4 + 5!)) + ((6 \times (7! + 8!)) + 9) &= ((9 + 8!) \times 7) + (((6 \times ((5 + 4!) - 3!))/2) - 1) \\
 280230 &:= 1 \times 2 - (3!^4 + (5 + 6! - (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6 \times 5))) - (4^{3!}/2 + 1) \\
 280231 &:= (1 + 2 \times 3! \times 4!) + ((5 + 6^7) - 8 + 9) &= ((9 + 8!) \times 7) + (((6 \times ((5 + 4!) - 3!))/2) + 1) \\
 280232 &:= 1 \times 2 + ((3 \times (4! + (5 - 6!))) + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6^5) + ((4 \times 3!! \times 2) - 1) \\
 280233 &:= (((1 + 2)! - 3!) \times (4! - 5!)) - ((6 \times (7! - 8!)) - 9) &= (((9 + 8!) \times 7) - 6) - ((5^4) + (3!! \times 2 - 1)) \\
 280234 &:= (1 - (2 \times 3!! \times 4!)) - (((5! - 6^7)/8) \times 9) &= (9 \times (((8!/7!) + (6^5)) \times 4)) + 3^2 + 1 \\
 280235 &:= (1 \times 2 + 3!!) - ((4! \times (5! - 6)) - (7 \times 8! + 9)) &= (9 \times (((8!/7!) + (6^5)) \times 4)) + ((3! \times 2) - 1) \\
 280236 &:= (((1 - (2^{3!} \times 4)) \times 5) - 6!) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6!) - ((5^4) + 3!!) - 2 \times 1 \\
 280237 &:= (1 \times 2 + (3!!/4)) + (5! + (6^7 + (8 - 9))) &= (((9 + 8!) \times 7!/6!) - (5^4)) - (3!! \times 2 + 1) \\
 280238 &:= ((1 + ((2 + 3!)! + 4!))/5) + ((6 \times (7! + 8!)) + 9) &= 9 + 8! + (((7 + 6!) \times 5) \times ((4^3) + 2)) - 1 \\
 280239 &:= ((1 \times 2^{3!}) \times 4!) - (5 \times 6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7!/6!) - (5^4)) - (3!! \times 2 - 1) \\
 280240 &:= (1 - ((2 \times (3!! - 4!)) - 5!)) - (6! - (7 \times 8! - 9)) &= 9 + 8! + (((7 + 6!) \times 5) \times ((4^3) + 2)) + 1 \\
 280241 &:= (1 + (((2^{3!} \times 4) + 5!) \times 6!) + 7!) + 8!/9 &= (9 + ((8! + 7!) \times 6)) - (5! - (4^{3!} \times 2 \times 1)) \\
 280242 &:= ((1 + 2 \times 3!) \times 4!) - (5 - (6^7 + (8 - 9))) &= (9 + ((8! + 7!) \times 6)) - (5! - ((4^{3!} \times 2) + 1)) \\
 280243 &:= ((1 + 2 \times 3!) \times 4!) - (5 + (6^7 \times (8 - 9))) &= (((9 + 8!) \times 7) - 6) - (5 + (4^{3!}/2 + 1)) \\
 280244 &:= (1 - (2 \times (3 + 4^5))) - (6 - (7 \times (8! + 9))) &= 9 + (((8! \times 7) - 6!) - (5 \times ((4^{3! - 2}) + 1))) \\
 280245 &:= (1 + 2) + ((3! - 4) \times ((5^6 - (7 \times 8)) \times 9)) &= (((9 + 8!) \times 7) - 6) - ((5 + (4^{3!}/2)) - 1) \\
 280246 &:= 1 \times 2 \times ((3! - 4) + ((5^6 - (7 \times 8)) \times 9)) &= ((9 + 8!) \times 7) + ((6 \times (5 + ((4! - 3!)/2))) + 1) \\
 280247 &:= 1 - ((2 - (3!! - (4 \times 5!))) - (6^7 + 8 \times 9)) &= (9 \times (8 + ((7 + (6^5)) \times 4))) - (3! \times 2 + 1) \\
 280248 &:= (1 \times 2 + 3!) \times ((4 \times 5!) - (6! + (7! - 8! + 9))) &= ((9 + 8! \times 7) - 6!) - ((5 \times (4^{3! - 2})) + 1) \\
 280249 &:= (1 - (2 \times 3!! \times 4!)) - (5! - ((6^7/8) \times 9)) &= (((9 + 8!) \times 7!/6!) - 5) - (4^{3!}/2 + 1) \\
 280250 &:= (1 - (2 \times (3!! + 4 - 5!))) - (6! - (7 \times (8! - 9))) &= (9 \times (8 + ((7 + (6^5)) \times 4))) - (3^2 + 1) \\
 280251 &:= (1 + 2) + ((3!! - (4 \times 5!)) + (6^7 + 8 \times 9)) &= (((9 + 8!) \times 7!/6!) - 5) - (4^{3!}/2) + 1 \\
 280252 &:= (1 - (2 \times 3!! + (4 \times 5! + 6))) + (7 \times (8! - 9)) &= (9 \times (8 + ((7 + (6^5)) \times 4))) - (3! + 2 \times 1) \\
 280253 &:= 1 \times 2 + (((3! - 4!) \times (5! - 6)) + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6!) - ((5! - 4) \times ((3! \times 2) - 1)) \\
 280254 &:= (((1 - (2^{3!} \times 4)) \times 5) - 6!) + (7 \times 8! + 9) &= ((9 + (8!/7)) \times 6) + (5! \times (4^{3!}/2 - 1)) \\
 280255 &:= (1 \times 2 \times (3 - 4^5)) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6) + (5 - (4^{3!}/2 - 1)) \\
 280256 &:= (1 - ((2 \times (3!! + 4)) - 5!)) - (6! - (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6) + (((5! - 4^{3!})/2) + 1) \\
 280257 &:= ((1 - 2 \times 3!!) \times 4!) - (((5! - 6^7)/8) \times 9) &= (((9 + 8!) \times 7) + 6) - ((5 + (4^{3!}/2)) - 1) \\
 280258 &:= (1 - ((2 \times (3!! - 4!)) - 5!)) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! - 5!)) + (((4! - 3!)) \times 2) + 1) \\
 280259 &:= (1 \times 2 - (3!! + (4 \times 5! + 6!))) + (7 \times (8! - 9)) &= (9 \times (((8!/7!) + (6^5)) \times 4)) + (3!^2 - 1) \\
 280260 &:= (1 - (2 \times 3!! + 4 - 5!)) - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6!/5!)) - (4^{3!}/2 + 1) \\
 280261 &:= (1 + 2)! - (((3! - 4)^{5+6}) - (7 \times (8! + 9))) &= (9 \times (((8!/7!) + (6^5)) \times 4)) + 3!^2 + 1 \\
 280262 &:= (1 + (2 \times (3! - 4^5))) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6!/5!)) - (4^{3!}/2 - 1) \\
 280263 &:= ((1 + 2^{3!}) \times 4!) - (5 \times 6! - (7 \times (8! + 9))) &= (9 + 8! \times 7) - (6 \times ((5 \times ((4^3) + 2)) + 1)) \\
 280264 &:= (1 - (2 \times (3!! + (4! - 5!)))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - ((6! - 5!) \times 4)) + (3!!/2 + 1) \\
 280265 &:= (1 \times 2 - (3!! \times 4 - 5!)) + (6! + (7 \times (8! + 9))) &= ((9 \times (8 + ((7 + (6^5)) \times 4))) + (3! - 2)) + 1
 \end{aligned}$$

$$\begin{aligned}
 280266 &:= (1 - ((2 \times (3!! - (4 + 5!))) + 6!)) + (7 \times (8! - 9)) &= (9 + 8! \times 7 + 6) + (((5! - 4^{3!})/2) - 1) \\
 280267 &:= (1 \times 2 \times (3 - 4^5)) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) + (5 - (4^{3!}/2 - 1)) \\
 280268 &:= (1 - (2 \times 3!! - 4)) + (5! - (6! - (7 \times (8! + 9)))) &= ((9 + 8! \times 7) - (6^5/4)) - (3!^2 + 1) \\
 280269 &:= (((1 - ((2 \times 3!)^4))/5) + 6^7) + 8!/9 &= 9 + 8! + (7! + ((6! + 5) \times ((4! - 3!)^2 \times 1))) \\
 280270 &:= (1 + (2^{3!} \times 4)) + (5 + (6^7 + 8 \times 9)) &= (9 \times (8 + ((7 + (6^5)) \times 4))) + 3^2 + 1 \\
 280271 &:= (((1 \times 2 - 3!!) \times 4) + 5!) + (6! + (7 \times (8! + 9))) &= (9 \times (8 + ((7 + (6^5)) \times 4))) + ((3! \times 2) - 1) \\
 280272 &:= ((1 - 2 \times 3!!) \times 4!) - (5! - ((6^7/8) \times 9)) &= ((9 + 8! \times 7) - 6!) - (((5^4) + 3) \times 2) + 1 \\
 280273 &:= (1 + (2^{3!} \times 4! \times 5)) + (6 \times ((7! + 8) \times 9)) &= (9 \times (8 + ((7 + (6^5)) \times 4))) + (3! \times 2 + 1) \\
 280274 &:= ((1 + 2^{3!}) \times (4 + 5!)) + (6 \times (7! + 8! + 9)) &= ((9 + 8! \times 7) - 6!) - (((5^4) + 3) \times 2) - 1 \\
 280275 &:= ((1 + 2) + ((3 \times 4)^5)) + ((6! + 7 \times 8!)/9) &= ((9 \times (((8!/7!) + (6^5)) \times 4) + 3!)) - 2) - 1 \\
 280276 &:= (((1 + 2)^3) + 4) + (5! - (6^7 \times (8 - 9))) &= ((9 \times (((8!/7!) + (6^5)) \times 4) + 3!)) - 2) \times 1 \\
 280277 &:= ((1 + 2^{3!} \times 4!) \times 5) + (6 \times ((7! + 8) \times 9)) &= ((9 \times (((8!/7!) + (6^5)) \times 4) + 3!)) - 2) + 1 \\
 280278 &:= (((1 + 2)! - 3!!) \times (4! - 5!)) - (6 \times (7! - 8! - 9)) &= ((9 + 8! \times 7) - 6!) - (((5^{4!/3!}) \times 2) + 1) \\
 280279 &:= ((1 + ((2 + 3!)! + 4))/5) + (6 \times (7! + 8! + 9)) &= (9 + 8! \times 7) + (6! - (((5^4) + 3!)) \times 2 \times 1) \\
 280280 &:= ((1 \times 2 + 3!) \times 4^5) + ((6 \times 7! - 8) \times 9) &= ((9 + 8! \times 7) - 6!) - (((5^{4!/3!}) \times 2) - 1) \\
 280281 &:= (1 + ((2 + 3!) \times 4^5)) + ((6 \times 7! - 8) \times 9) &= ((9 + 8! \times 7) - 6!) - ((5! - 4!) \times (3! \times 2 + 1)) \\
 280282 &:= (1 - (2 \times (3!! + (4! - 5!)))) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) + (((5! - (4! + 3!)) \times 2) + 1) \\
 280283 &:= ((1 + ((2 + 3!)! + 4))/5) + (6 \times (7! + 8! + 9)) &= (((9 + 8!) \times 7) - 6^5) + (4 \times (3!! \times 2 - 1)) \\
 280284 &:= 1 \times 2 - (3!^4 + (5 + 6! - (7 \times (8! + 9)))) &= ((9 + 8! \times 7) - 6!) - (((5^4) - 3) \times 2) + 1) \\
 280285 &:= (1 - 2 \times 3!!) - (4 \times (5! - (6 \times 7! + 8! - 9))) &= ((9 + (8! + 7!)) \times 6) - (5! - ((4^{3!} \times 2) - 1)) \\
 280286 &:= ((1 \times 2 \times (3! \times 4! - 5)) + 6^7) + 8 \times 9 &= ((9 + 8! \times 7) - 6!) - (((5^4) - 3) \times 2) - 1) \\
 280287 &:= 1 - (((2 - (3 \times (4 - 5!))) + 6^7) \times (8 - 9)) &= ((9 + (8! + 7!)) \times 6) - (5! - ((4^{3!} \times 2) + 1)) \\
 280288 &:= (1 - 2 \times 3!!) - ((4 \times (5! + 6)) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6^5) + ((4 \times 3!! \times 2) + 1) \\
 280289 &:= 1 \times 2 - (3!^4 + ((5! \times 6) - (7 \times (8! + 9)))) &= ((9 + 8!) \times 7) - (((6!/5!)^4) + (3!! - (2 \times 1))) \\
 280290 &:= (1 + 2) - (3!^4 + ((5! \times 6) - (7 \times (8! + 9)))) &= ((9 + 8! \times 7) - 6!) - (((5^4) - 3!) \times 2) + 1) \\
 280291 &:= (1 + (2 \times 3^4)) + (5! + (6^7 + 8 \times 9)) &= (((9 + 8!) \times 7) - 6^5) + (4 \times (3!! \times 2 + 1)) \\
 280292 &:= ((1 + 2^{3!}) \times (4 + 5!)) + ((6 \times 7! + 8) \times 9) &= ((9 + 8! \times 7) - 6!) - (((5^4) - 3!) \times 2) - 1) \\
 280293 &:= 1 + (((((2 \times 3!!)/4) - 5) + 6^7) - 8 + 9) &= 9 - ((8 - ((7 + (6^5 + 4)) \times 3!)) \times (2 + 1)!) \\
 280294 &:= (1 \times 2 - 3!^4) + (5 - (6! - (7 \times (8! + 9)))) &= ((9 + 8! \times 7) - (6^5/4)) - ((3! \times 2) - 1) \\
 280295 &:= 1 + (((2 - (3 \times 4! \times 5)) - 6^7) \times (8 - 9)) &= (9 + 8! \times 7) - ((6^5/4) + (3^2 + 1)) \\
 280296 &:= (1 - (2 \times (3!^4 + 5))) + (6! + (7 \times (8! - 9))) &= ((9 \times 8 \times 7) + 6!) \times (((5 \times 4!) - 3!) \times 2) + 1) \\
 280297 &:= ((1 + ((2 + 3!)! + 4))/5) + ((6 \times 7! + 8) \times 9) &= (9 \times (8 + ((7 + (6^5)) \times 4))) + 3!^2 + 1) \\
 280298 &:= ((1 \times 2 + 3!) \times 4^5) + (6 \times (7! + 8! - 9)) &= ((9 + 8!) \times 7) - (6! + (5 \times ((4^{3! - 2}) + 1))) \\
 280299 &:= (1 + ((2 + 3!) \times 4^5)) + (6 \times (7! + 8! - 9)) &= (((9 + 8!) \times 7) + (6!/5)) + ((4 - 3!!) \times (2 + 1)) \\
 280300 &:= 1 + (((2 + 3 \times 4! \times 5) + 6^7) - 8 + 9) &= ((9 + 8! \times 7) - (6^5/4)) - ((3 + 2) \times 1) \\
 280301 &:= ((1 + ((2 + 3!)! + 4))/5) + ((6 \times 7! + 8) \times 9) &= (9 + (8! \times 7 + 6!)) - ((5! - 4) \times ((3! - 2)! - 1)) \\
 280302 &:= (1 + 2 \times 3! \times 4!) + (5 + (6^7 + 8 \times 9)) &= (((9 + 8!) \times 7) - 6!) - ((5 \times (4^{3! - 2})) + 1) \\
 280303 &:= 1 - (2 \times (3! - (((4 + 5^6) - (7 \times 8)) \times 9))) &= (9 \times (8 + (7! \times 6))) - (5! - ((4^{3!} \times 2) - 1))
 \end{aligned}$$

$$\begin{aligned}
 280304 &:= (1 - (2 \times (3!! + 4 - 5!))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!) - ((5 \times (4^{3!-2})) - 1) \\
 280305 &:= 1 + (((2^{3!} + 4!) \times 5) + (6^7 - 8 \times 9)) &= (9 \times (8 + (7! \times 6))) - (5! - ((4^{3!} \times 2) + 1)) \\
 280306 &:= (1 - (2 \times 3!! + (4 \times 5! + 6))) + (7 \times 8! - 9) &= (9 + 8! \times 7) + ((6^5 / (4 - (3! + 2))) + 1) \\
 280307 &:= (1 \times 2 - (3 \times (4! - (5! - 6!)))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - 6!) - ((5! - 4) \times ((3! \times 2) - 1)) \\
 280308 &:= (((1 - (2^{3!} \times 4)) \times 5) - 6!) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - 6) + (((5! - 4^{3!}) / 2) - 1) \\
 280309 &:= (((1 + (2^{3!} + 4!)) \times 5) + 6^7) - 8 \times 9 &= (((9 + 8!) \times 7) - 6) + ((5! - 4^{3!}) / 2 \times 1) \\
 280310 &:= 1 - (2 + (3!! + (4 \times 5! + (6! - (7 \times 8! - 9))))) &= (((9 + 8!) \times 7) - 6) + (((5! - 4^{3!}) / 2) + 1) \\
 280311 &:= (1 - ((2 \times 3!^4) - 5)) + (6! + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - (6! - 5!)) + ((4! - 3!!) \times 2 \times 1) \\
 280312 &:= (1 - 2 \times 3!!) - ((4! \times (5! / 6)) - (7 \times 8! - 9)) &= (((9 \times (8 + 7!)) / (6! / 5!)) + 4) \times (3!^2 + 1) \\
 280313 &:= (1 \times 2 - (3!! + (4 \times 5! + 6!))) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) - (((6 - 5!) + 4^{3!}) / 2) - 1) \\
 280314 &:= (1 - (2^{3!+4})) - (5! + (6! - (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - 6) + (5! - (4^{3!} / 2 + 1)) \\
 280315 &:= ((1 + 2 \times 3!) \times 4!) - (5 - (6^7 + 8 \times 9)) &= ((9 + 8! \times 7) - (6^5 / 4)) + 3^2 + 1 \\
 280316 &:= (1 - ((2 \times (3!^4 - 5)) - 6!)) + (7 \times (8! - 9)) &= ((9 + 8! \times 7) - 6) + (5! - (4^{3!} / 2 - 1)) \\
 280317 &:= 1 \times (((2 - 3!) \times (4 \times 5!)) + ((6 + 7 \times 8!) - 9)) &= ((9 + 8!) \times 7) - (6 \times ((5 \times ((4^3) + 2)) + 1)) \\
 280318 &:= (1 + ((2 - 3!) \times (4 \times 5!))) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) - (6^5 / 4)) + (3! \times 2 + 1) \\
 280319 &:= ((1 - ((2 - 3!) \times (4! - 5!))) - 6^7) \times (8 - 9) &= (9 \times (8! - 7!)) - (((6! - 5!) \times ((4^3) - 2)) + 1) \\
 280320 &:= (1 - ((2 \times (3!! - (4 + 5!))) + 6!)) + (7 \times 8! - 9) &= ((9 \times (8 + 7!)) - ((6! + 5) \times 4!)) \times (3^2 + 1) \\
 280321 &:= (1 + ((2 + 3!) \times 4!)) + (5! + (6^7 + 8 \times 9)) &= (9 \times (8! - 7!)) - (((6! - 5!) \times ((4^3) - 2)) - 1) \\
 280322 &:= (1 - (2 \times (3!! + 4 - 5!))) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6^5 / 4)) - (3!^2 + 1) \\
 280323 &:= ((1 + 2)! \times 3!^4) - ((5 - (6 \times (7! + 8))) \times 9) &= (9 + (((8! \times 7) - (6^5 / 4)) / 3)) \times (2 + 1) \\
 280324 &:= (1 - (2 \times 3!! \times 4!)) - ((5 - (6^7 / 8)) \times 9) &= (9 + 8! \times 7) + ((6 \times (5! - ((4! - 3!)^2))) + 1) \\
 280325 &:= ((1 + 2 \times 3!) \times 4!) + (5 + (6^7 + 8 \times 9)) &= (9 + 8! \times 7) - (((6 + (5! \times 4!)) / 3) \times 2 \times 1) \\
 280326 &:= (1 - ((2^{3 \times 4}) - (5 + 6^7))) + 8! / 9 &= (((9 + 8!) \times 7) - 6!) - (((5^4) + 3) \times 2) + 1) \\
 280327 &:= 1 - ((2 - (((3 + 4)! - 5!)) \times ((6! / (7 + 8)) + 9)) &= (((9 + 8!) \times 7) - 6!) - (((5^4) + 3) \times 2 \times 1) \\
 280328 &:= (1 - (2^{3!} \times (4! + 5))) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6!) - (((5^4) + 3) \times 2) - 1) \\
 280329 &:= ((1 \times 2 + 3!)! / 4!) - (5 \times 6! - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + (6 \times ((5! / 4) - (3!! / 2 - 1))) \\
 280330 &:= (1 - 2 \times 3!!) - ((4! \times (5! / 6)) - (7 \times 8! + 9)) &= (9 + 8! - 7!) - (6! - ((5! \times (4^{3!} / 2)) + 1)) \\
 280331 &:= (1 \times 2 - (3!! + (4 \times 5! + 6!))) + (7 \times 8! + 9) &= (9 \times (8 + 7!)) + (((6! + 5) \times ((4! - 3!)^2)) - 1) \\
 280332 &:= ((1 + 2)!)! + (3! \times ((4 + (5! + (6 + 7! + 8))) \times 9)) &= (9 + 8! \times 7) + (((6 - (5! \times 4!)) / 3) \times 2) - 1) \\
 280333 &:= (1 - 2 \times 3!) + ((4 \times 5! + 6^7) - 8 \times 9) &= (9 \times (8 + 7!)) + (((6! + 5) \times ((4! - 3!)^2)) + 1) \\
 280334 &:= 1 - ((2 + 3!^4) - (5! - (6! - (7 \times 8! - 9)))) &= 9 - (8 - (((7 + (6^5 + 4)) \times (3!^2)) + 1)) \\
 280335 &:= (((1 - 2) + 3^4) \times 5) + 6^7 + (8 - 9) &= (((9 + 8!) \times 7) - 6!) - ((5! - 4!) \times (3! \times 2 + 1)) \\
 280336 &:= (1 + ((2 - 3!) \times (4 \times 5!))) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) + (((5! - (4! + 3!!)) \times 2) + 1) \\
 280337 &:= (1 \times 2 - (3!^4 - (5! - 6!))) + (7 \times 8! - 9) &= (9 + ((8! \times 7) / 6)) + (((5! \times 4) + 3)^2) - 1) \\
 280338 &:= (1 - ((2 \times (3!! - (4 + 5!))) + 6!)) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) - 6!) - (((5^4) - 3) \times 2) + 1) \\
 280339 &:= ((1 - 2) + ((3^4 \times 5) + 6^7)) + (8 - 9) &= 9 + (((8! \times 7) / 6) + (((5! \times 4) + 3)^2) + 1)) \\
 280340 &:= ((1 + 2 \times 3!) \times (4 \times (5 - 6!))) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7) - 6!) - (((5^4) - 3) \times 2) - 1) \\
 280341 &:= 1 - (2 - ((3^4 \times 5) + (6^7 - 8 + 9))) &= (((9 \times (8 + (7! + (6! / 5)))) - 4) \times 3!) - 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 280342 &:= (1 - ((2 - 3!) + 4^5) \times 6) + (7 \times (8! - 9)) &= (9 + 8! \times 7) + (((6 - (5! \times (4!/3))) \times 2) + 1) \\
 280343 &:= ((1 \times 2 + 3!) \times 4^5) + ((6 \times (7! + 8!)) - 9) &= (((9 \times (8 + (7! + (6!/5)))) - 4) \times 3!) - 2) + 1 \\
 280344 &:= (1 + ((2 + 3!) \times 4^5)) + ((6 \times (7! + 8!)) - 9) &= (((9 + 8!) \times 7) - 6!) - (((5^4) - 3!) \times 2) + 1) \\
 280345 &:= (1 + ((2 \times 3!)/4)) + ((5! + 6^7) - 8 \times 9) &= (9 - (((8 - (7! - 6!)) \times 5) + 4)) \times (3! \times 2 + 1) \\
 280346 &:= (1 + 2 \times 3! \times 4!) + ((5! + 6^7) - 8 + 9) &= (((9 + 8!) \times 7) - 6!) - (((5^4) - 3!) \times 2) - 1) \\
 280347 &:= ((1 - 2 \times 3!) \times 4!) - ((5 - (6^7/8)) \times 9) &= (((9 \times (8 + (7! + (6!/5)))) - 4) \times 3!) + (2 + 1) \\
 280348 &:= (((1 + 2)!^3) + 4) + (5! + (6^7 + 8 \times 9)) &= (((9 + 8!) \times 7) - (6^5/4)) - ((3! \times 2) - 1) \\
 280349 &:= 1 \times 2 + (((3 + (4 \times 5!)) + 6^7) - 8 \times 9) &= ((9 + 8!) \times 7) - ((6^5/4) + (3^2 + 1)) \\
 280350 &:= (1 - (2 \times (3!^4 + 5))) + (6! + 7 \times 8! - 9) &= (9 + ((8! + 7!) \times 6)) - (((5 - 4^3!) \times 2) + 1) \\
 280351 &:= ((1 + 2)!! + 3!) - (4^5 - (6^7 + (8 - 9))) &= 9 + (((8! + 7!) \times 6) - ((5 - 4^3!) \times 2 \times 1)) \\
 280352 &:= (1 \times 2 + 3!) \times (4^5 + (((6 \times 7!)/8) \times 9)) &= (9 + ((8! + 7!) \times 6)) - (((5 - 4^3!) \times 2) - 1) \\
 280353 &:= 1 + 2 \times 3!! + ((4^5 - 6^7) \times (8 - 9)) &= (9 + ((8! - 7!/6) \times 5)) + (4!^3 \times (2 + 1)!) \\
 280354 &:= (1 + 2 \times 3!) - (4^5 - (6^7 - 8 + 9)) &= (9 + (8! \times 7 + ((6 - 5!) \times 4))) - (3!! \times 2 - 1) \\
 280355 &:= (1 - ((2 \times 3!^4) + 5)) + (6! + 7 \times 8! - 9) &= (9 + ((8! + 7!) \times 6)) - (5 - ((4^3! \times 2) - 1)) \\
 280356 &:= ((1 - 2^3!) \times (4! + 5)) + (6 + (7 \times (8! - 9))) &= (9 + ((8! + 7!) \times 6)) - (5 - (4^3! \times 2 \times 1)) \\
 280357 &:= (1 - 2 \times 3!!) - (4 \times (5! - (6 \times 7! + 8! + 9))) &= (9 + ((8! + 7!) \times 6)) - (5 - ((4^3! \times 2) + 1)) \\
 280358 &:= 1 \times 2 - ((3 \times (4 - 5!)) - (6^7 + 8 \times 9)) &= (((9 + 8!) \times 7) - ((6 + 5!) \times 4)) - (3!! \times 2 + 1) \\
 280359 &:= (1 - (2 \times (3!! \times 4! + 5))) + ((6^7/8) \times 9) &= (((9 + 8!) \times 7) - 6!) - (((5 \times (4 + 3))^2) - 1) \\
 280360 &:= (1 - (2 \times 3!^4)) + ((5! \times 6) + 7 \times 8! - 9) &= (9 + ((8! + 7!) \times (6!/5!))) + ((4^3! \times 2) - 1) \\
 280361 &:= ((1 \times 2 + 3!) \times 4^5) + ((6 \times (7! + 8!)) + 9) &= (9 + ((8! + 7!) \times (6!/5!))) + (4^3! \times 2 \times 1) \\
 280362 &:= (1 + ((2 + 3!) \times 4^5)) + ((6 \times (7! + 8!)) + 9) &= (9 + ((8! + 7!) \times (6!/5!))) + ((4^3! \times 2) + 1) \\
 280363 &:= (((1 + 2)! \times 3!^4) - 5) + (6 \times ((7! + 8) \times 9)) &= (((9 + 8!) \times 7) - (6^5/4)) + ((3 + 2) - 1) \\
 280364 &:= (1 - (2 \times 3!! \times 4!)) - (5 - ((6^7/8) \times 9)) &= (((9 + 8!) \times 7) - (6^5/4)) + ((3 + 2) \times 1) \\
 280365 &:= (1 - ((2 \times 3!^4) - 5)) + (6! + 7 \times 8! - 9) &= (9 + ((8! + 7!) \times 6)) + ((5 + 4^3! \times 2) - 1) \\
 280366 &:= ((1 \times 2 - (3 \times (4! + 5!))) - 6^7) \times (8 - 9) &= (9 + 8! \times 7) - (6 + (((5^4) \times 3) + 2 \times 1)) \\
 280367 &:= 1 \times 2 - ((3 \times (4 - (5! - 6!))) - (7 \times (8! - 9))) &= (9 + ((8! + 7!) \times 6)) + (5 + ((4^3! \times 2) + 1)) \\
 280368 &:= (1 - (2^{3!+4})) - (5! + (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - 6) + (5! - (4^3!/2 + 1)) \\
 280369 &:= (1 - (2 \times (3! \times (4! \times 5!)))) + ((6^7/8) \times 9) &= (((9 + 8!) \times 7) - (6^5/4)) + 3^2 + 1 \\
 280370 &:= (1 - ((2 \times (3!^4 - 5)) - 6!)) + (7 \times 8! - 9) &= (9 + ((8! + 7!) \times 6)) + (((5 + 4^3!) \times 2) - 1) \\
 280371 &:= 1 \times 2 + (((3 \times (4! + 5!)) + 6^7) - 8 + 9) &= ((9 + 8!) \times 7) + (6 \times (5! - (((4! - 3)^2) + 1))) \\
 280372 &:= (1 - (((2 + 3)!/4!) + (5! + 6))) + (7 \times (8! - 9)) &= (9 + ((8! + 7!) \times 6)) + (((5 + 4^3!) \times 2) + 1) \\
 280373 &:= (1 - ((2 \times 3!^4) + 5)) + (6! + (7 \times 8! + 9)) &= ((9 + (8!/7)) \times 6) + ((5! \times (4^3!/2)) - 1) \\
 280374 &:= (1 - (2 \times 3!! \times 4!)) + (5 + ((6^7/8) \times 9)) &= ((9 + 8!) \times 7!/6!) + (5! - (4^3!/2 + 1)) \\
 280375 &:= (1 - (((2^3! + 4!) \times 5) + 6^7)) \times (8 - 9) &= ((9 + (8!/7)) \times 6) + ((5! \times (4^3!/2)) + 1) \\
 280376 &:= ((1 - ((2 \times 3!)/4)) \times 5) - (6 - (7 \times (8! - 9))) &= ((9 + 8!) \times 7!/6!) + (5! - (4^3!/2 - 1)) \\
 280377 &:= (1 + 2)!! - (((3 + 4!) \times 5!) - (6! + (7 \times (8! - 9)))) &= (9 + ((8!/7!)^6)) + (((5 \times (4! + 3))^2) - 1) \\
 280378 &:= (1 - (2 \times 3!^4)) + ((5! \times 6) + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + ((6 \times (5! - ((4! - 3)^2))) + 1)
 \end{aligned}$$

$$\begin{aligned}
 280379 &:= (1 - (2 \times (3!! \times 4! - 5))) + ((6^7/8) \times 9) &= (9 + ((8!/7!)^6)) + (((5 \times (4! + 3))^2) + 1) \\
 280380 &:= (((1 + (2^{3!} + 4!)) \times 5) + 6^7) + (8 - 9) &= (9 \times ((8 + (7! \times 6)) - 5)) + ((4^{3!} \times 2) + 1) \\
 280381 &:= ((1 + (2^{3!} + 4!)) \times 5) - (6^7 \times (8 - 9)) &= (((9 + 8!) \times 7) + 6) + (5! - (4^{3!}/2 \times 1)) \\
 280382 &:= (1 - (2^{3!} \times (4! + 5))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + 6) + (5! - (4^{3!}/2 - 1)) \\
 280383 &:= (1 - ((2 \times 3!^4) - 5)) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) + (((5 \times 4!) - 3!!) \times 2 \times 1) \\
 280384 &:= (1 - (((2 + 3!)/4!) + 5!)) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6!) + (((5 \times 4!) - 3!!) \times 2) + 1) \\
 280385 &:= (1 \times 2 - (3!! + (4 \times 5! + 6!))) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - (6! + (5! \times 4))) - (3!! - (2 \times 1)) \\
 280386 &:= (1 - (2^{3!+4})) - (5! + (6! - (7 \times 8! + 9))) &= ((9 + 8!) \times 7) + (((6 - (5! \times 4!))/3) \times 2) - 1) \\
 280387 &:= ((1 - 2 \times 3!!) \times 4!) - (5 - ((6^7/8) \times 9)) &= (9 + 8! \times 7) - (((6 + (5 \times (4! + 3!)))/2) - 1) \\
 280388 &:= (1 - ((2 \times (3!^4 - 5)) - 6!)) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + (6 - (5! \times 4))) - (3!! \times 2 + 1) \\
 280389 &:= ((1 + 2!)! + ((3 \times (4 - (5! + 6!))) + (7 \times (8! - 9)))) &= (9 + 8! \times 7 + 6) - (((5^4) - 3) \times (2 + 1)) \\
 280390 &:= (1 + ((2 - 3!) \times (4 \times 5!))) + (6 + (7 \times (8! + 9))) &= (9 + 8! \times 7 + 6) - (5 \times (((4! + 3!)/2) + 1)) \\
 280391 &:= (1 \times 2 + (3 \times (4 + 5! - 6!))) + (7 \times (8! - 9)) &= (9 + 8! \times 7) - (((6 \times ((5^4) - 3!))/2) + 1) \\
 280392 &:= ((1 + 2^{3!}) \times 4! \times 5) + (6 \times ((7! + 8) \times 9)) &= (((9 + 8!) \times 7) - 6!) + (((5! + (4 - 3!)) \times 2) + 1) \\
 280393 &:= ((1 + (2 \times (3! \times 4! + 5!))) + 6^7) - 8 \times 9 &= (9 + 8! \times 7) + (((6 - (5^4)) \times 3) + (2 - 1)) \\
 280394 &:= (((1 + 2) \times (3 + 4! + 5!)) + 6^7) + (8 + 9) &= (((9 + 8!) \times 7) - (6^5/4)) + (3!^2 - 1) \\
 280395 &:= (1 + 2)! + ((3 \times (4 + 5! - 6!)) + (7 \times (8! - 9))) &= ((9 + (8! + 7!)) \times 6) - (((5 - 4^{3!}) \times 2) + 1) \\
 280396 &:= (1 - (((2 - 3!)) + 4^5) \times 6) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) + (((6 - (5! \times (4!/3))) \times 2) + 1) \\
 280397 &:= ((1 - 2 \times 3!!) \times 4!) + (5 + ((6^7/8) \times 9)) &= (((9 + (8! + 7!)) \times 6) - ((5 - 4^{3!}) \times 2)) + 1) \\
 280398 &:= (((1 - 2^{3!}) \times (4! + 5)) - 6) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6!/5)) - (4^{3!}/2 + 1) \\
 280399 &:= 1 - (2 \times (3!! - ((4! \times (5! + (6! + 7! - 8)))) - 9))) &= ((9 + 8!) \times 7) + (6!/5 - (4^{3!}/2 \times 1)) \\
 280400 &:= (1 - (2^{3!} \times (4! + 5))) + (6 + (7 \times 8! + 9)) &= ((9 + (8! + 7!)) \times 6) - (5 - ((4^{3!} \times 2) - 1)) \\
 280401 &:= (1 + ((2 - 3!) \times ((4! - 5!) \times 6!))) - ((7! - 8!)/9) &= ((9 + (8! + 7!)) \times 6) - (5 - (4^{3!} \times 2 \times 1)) \\
 280402 &:= (1 + 2)! - ((3 - (4 \times 5!)) - (6^7 - (8 + 9))) &= ((9 + (8! + 7!)) \times 6) - (5 - ((4^{3!} \times 2) + 1)) \\
 280403 &:= 1 - (2 + ((3! - 4!) \times (5^6 - ((7 \times 8) - 9)))) &= 9 \times 8 + (((7 + (6^5 + 4)) \times (3!^2)) - 1) \\
 280404 &:= (1 - 2 \times 3!) + (4 \times 5! + (6^7 + (8 - 9))) &= (9 + 8! \times 7) - ((6! - (5 \times (4! - 3))) \times (2 + 1)) \\
 280405 &:= (1 - 2 \times 3!) + ((4 \times 5!) - (6^7 \times (8 - 9))) &= ((9 + (8! + 7!)) \times (6!/5!)) + ((4^{3!} \times 2) - 1) \\
 280406 &:= ((1 \times 2 + 3!) \times 4^5) + (6 \times (7! + 8! + 9)) &= (((9 + 8!) \times 7) + ((6 - 5!) \times 4)) - (3!! \times 2 + 1) \\
 280407 &:= (1 + ((2 + 3!) \times 4^5)) + (6 \times (7! + 8! + 9)) &= ((9 + (8! + 7!)) \times (6!/5!)) + ((4^{3!} \times 2) + 1) \\
 280408 &:= ((1 - ((2 + 3!)! - (4 \times 5!))) + 6^7) + (8! - 9) &= (9 + 8! \times 7) - (((6^5 - 4^{3!})/2) + 1) \\
 280409 &:= 1 \times 2 + (((3!! - 4^5) \times 6) + 7 \times 8! - 9) &= ((9 + 8!) \times 7) - (((6 + 5^4) \times 3) + (2 - 1)) \\
 280410 &:= ((1 - 2^{3!}) \times (4! + 5)) + ((6 + 7 \times 8!) - 9) &= (9 + 8! \times 7) - (((6^5 - 4^{3!})/2) - 1) \\
 280411 &:= 1 \times 2 - ((3! - (4 \times 5!)) - (6^7 + (8 - 9))) &= ((9 + (8! + 7!)) \times 6) + (5 + (4^{3!} \times 2 \times 1)) \\
 280412 &:= ((1 - 2) + ((3^4 \times 5) + 6^7)) + 8 \times 9 &= ((9 + 8! \times 7) - 6!) - (((5! + 4) \times (3^2)) + 1) \\
 280413 &:= (1 - 2^{3!}) \times (4! - ((5 \times (6 - 7)) + 8!/9)) &= (9 \times (8 + (7! \times 6))) - (((5 - 4^{3!}) \times 2) + 1) \\
 280414 &:= (1 - (2 \times 3!! \times 4!)) + ((5 + (6^7/8)) \times 9) &= ((9 + 8! \times 7) - 6!) - (((5! + 4) \times (3^2)) - 1) \\
 280415 &:= 1 \times 2 - ((3 - (4 \times 5!)) + (6^7 \times (8 - 9))) &= ((9 + (8! + 7!)) \times 6) + (((5 + 4^{3!}) \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 280416 &:= (((1 - 2^{3!}) \times (4! + 5)) - 6) + (7 \times 8! + 9) &= ((9 + (8! + 7!)) \times 6) + ((5 + 4^{3!}) \times 2 \times 1) \\
 280417 &:= (1 + 2 \times 3! \times 4!) + (5! + (6^7 + 8 \times 9)) &= ((9 + (8! + 7!)) \times 6) + (((5 + 4^{3!}) \times 2) + 1) \\
 280418 &:= (1 + ((2 \times 3!)/4)) + ((5! + 6^7) - 8 + 9) &= (9 \times (8 + (7! \times 6))) - (5 - ((4^{3!} \times 2) - 1)) \\
 280419 &:= 1 - (((2 - 3) - (4 \times 5!)) - (6^7 - 8 + 9)) &= ((9 + 8! \times 7) - 6!) - ((5!/4) \times (3!^2 + 1)) \\
 280420 &:= 1 \times 2 + ((3 + (4 \times 5!)) + (6^7 + (8 - 9))) &= (9 \times (8 + (7! \times 6))) - (5 - ((4^{3!} \times 2) + 1)) \\
 280421 &:= 1 \times 2 - (((3 + (4 \times 5!)) + 6^7) \times (8 - 9)) &= ((9 + 8!) \times 7) - (6 + (((5^4) \times 3) + (2 - 1))) \\
 280422 &:= 1 - 2 \times 3! - (4^5 + (6! - (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - 6) - ((5 \times (4 + 3!/2)) + 1) \\
 280423 &:= 1 \times 2 + 3! + (4 \times 5! + (6^7 + (8 - 9))) &= (((9 + 8!) \times 7) - 6!) - ((5! - 4) \times (3^2 + 1)) \\
 280424 &:= (1 - (2^{3!} + 4^5)) - (6! - (7 \times 8! - 9)) &= 9 - (((((8 - (7 \times (6! + 5!))) \times 4!) + 3!) \times 2) + 1) \\
 280425 &:= (1 + ((2 + 3!) \times 4^5)) + ((6 \times 7! + 8) \times 9) &= (9 \times (8 + (7! \times (6!/5)))) + ((4^{3!} \times 2) + 1) \\
 280426 &:= (1 - (((2 + 3!)/4) + (5! + 6))) + (7 \times 8! - 9) &= 9 - (((((8 - (7 \times (6! + 5!))) \times 4!) + 3!) \times 2) - 1) \\
 280427 &:= (1 - (2 \times (3! + 4!))) \times (((5! - (6! - 7)) \times 8) - 9) &= (9 - (8 \times (7 - (6! - 5!)))) \times (((4! + 3!) \times 2) - 1) \\
 280428 &:= ((1 - 2^{3!}) \times (4! + 5)) + (6 + (7 \times 8! + 9)) &= (9 \times (8 + (7! \times 6))) + ((5 + 4^{3!} \times 2) - 1) \\
 280429 &:= (1 - (2^{3!+4})) - (5 + 6! - (7 \times (8! - 9))) &= (9 \times (8 \times 7 + (6^5 \times 4))) - ((3! \times 2) - 1) \\
 280430 &:= ((1 - ((2 \times 3!)/4)) \times 5) - (6 - (7 \times 8! - 9)) &= (9 \times (8 + (7! \times 6))) + (5 + ((4^{3!} \times 2) + 1)) \\
 280431 &:= (1 + 2)! + (((3! - 4^5) \times 6) + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) + ((5! + (4! - 3!)) \times 2 \times 1) \\
 280432 &:= (1 - (2 \times 3!^4)) + ((5! \times 6) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) + ((5! + (4! - 3!)) \times 2) + 1) \\
 280433 &:= (1 \times 2 + (((3 - 4!) \times 5!) + 6!)) + (7 \times 8! - 9) &= (9 \times (8 + (7! \times 6))) + (((5 + 4^{3!}) \times 2) - 1) \\
 280434 &:= ((1 - 2 \times 3!) - 4^5) + (6! + (7 \times (8! - 9))) &= (9 + 8! \times 7 + 6) - ((5 \times (4 + 3!/2)) + 1) \\
 280435 &:= ((12 \times (3! - 4!)) - 5) + ((6 \times 7! - 8) \times 9) &= (9 \times (8 + (7! \times 6))) + (((5 + 4^{3!}) \times 2) + 1) \\
 280436 &:= 1 - ((2 + (3 \times (4 - (5! - 6!)))) - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6) - (((5 \times (4! + 3!))/2) + 1) \\
 280437 &:= ((1 - 2 \times 3!) \times 4!) + ((5 + (6^7/8)) \times 9) &= (((9 + 8!) \times 7) - 6) - ((5 \times (4! + 3!))/2 \times 1) \\
 280438 &:= (1 - (((2 + 3!)/4) + 5!)) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6) - (((5 \times (4! + 3!))/2) - 1) \\
 280439 &:= (1 - (2^{3!+4})) + (5 - (6! - (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - 6!) - (((5!/4) + 3!)^2) + 1) \\
 280440 &:= (1 - (2^{3!+4})) - (5! + (6! - (7 \times (8! + 9)))) &= 9 - (8 + ((7 - 6!/5) \times (4^{3!}/2 - 1))) \\
 280441 &:= 1 \times 2 + 3! - (4^5 + (6! - (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - 6!) - (((5!/4) + 3!)^2) - 1) \\
 280442 &:= ((1 - ((2 \times 3!)/4)) \times 5) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) - 6) - (((5!/4!) \times 3!/2) + 1) \\
 280443 &:= (1 + 2)! - ((3 \times (4 - (5! - 6!))) - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! - 5))) - (((4 + 3!)/2) + 1) \\
 280444 &:= (1 - (((2 + 3!)/4) + (5! + 6))) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + 6) - (5 \times (((4! + 3!)/2) + 1)) \\
 280445 &:= (1 \times 2 + (3 \times (4 + 5! - 6!))) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) - (((6 \times ((5^4) - 3!))/2) + 1) \\
 280446 &:= 1 + 2 \times 3! - (4^5 + (6! - (7 \times (8! - 9)))) &= (9 + 8! \times 7 + 6) - (((5 \times (4 + 3!))/2) - 1) \\
 280447 &:= (((1 + 2)!^{3!}) - (4! - 5!)) \times 6 - ((7 \times 8) + 9) &= (9 + (8! \times 7 + 6!)) - ((5! \times (4! - 3)) + 2 \times 1) \\
 280448 &:= ((1 - ((2 \times 3!)/4)) \times 5) - (6 - (7 \times 8! + 9)) &= ((9 \times (8! - 7!))/6) + (((5! \times 4) - 3!)^2) - 1) \\
 280449 &:= (1 + 2 \times 3!) \times (4 - ((5 \times (6! - (7! - 8))) - 9)) &= (9 + 8! - 7!) - (6! - (5! \times (4^{3!}/2 + 1))) \\
 280450 &:= ((1 - 2) + (3 \times 4!)) \times (5 \times (6! + (7!/(8 \times 9)))) &= ((9 \times (8! - 7!))/6) + (((5! \times 4) - 3!)^2) + 1) \\
 280451 &:= (1 \times 2 + (((3 - 4!) \times 5!) + 6!)) + (7 \times 8! + 9) &= (9 \times (8 \times 7 + (6^5 \times 4))) + ((3! \times 2) - 1) \\
 280452 &:= ((1 + 2) + ((3 - 4!) \times 5!)) + (6! + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) + (((5 \times (4 - 3!))/2) - 1) \\
 280453 &:= (((1 + (2^{3!} + 4!)) \times 5) + 6^7) + 8 \times 9 &= (9 \times (8 \times 7 + (6^5 \times 4))) + (3! \times 2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 280454 &:= (1 - (2^{3!} \times (4! + 5))) + (6 + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6!) - (5 \times ((4! \times (3^2)) - 1)) \\
 280455 &:= ((1 + 2)! + ((3 - 4!) \times 5!)) + (6! + (7 \times 8! + 9)) &= ((9 + 8 \times 7!) - ((6 + 5) \times 4!)) \times (3! + (2 - 1)) \\
 280456 &:= (1 - (((2 + 3!)/4!) + 5!)) + (6 + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) - ((5 + 4!) \times (3!^2 + 1)) \\
 280457 &:= (1 + 2)!! - (((3 + 4) + 5!) - (6^7 - 8 \times 9)) &= (9 + 8! \times 7) - (((6 - (5 \times (4 - 3!)))/2) - 1) \\
 280458 &:= (((1 + 2) - 3!) \times (4! - 5!)) - (6 \times (7! - 8! + 9)) &= ((9 + 8! \times 7) - 6) + (5 \times (((4 - 3!)/2) + 1)) \\
 280459 &:= ((1 + ((2 + 3)^4)) - (5! - 6^7)) + (8 + 9) &= ((9 + 8! \times 7) - ((6! - (5! + 4) \times 3)) - 2 \times 1) \\
 280460 &:= ((1 - ((2 \times 3!)/4)) \times 5) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) - ((5!/4!) \times (3!/2 - 1)) \\
 280461 &:= ((1 + 2)!)! + ((3 \times (4 - (5! + 6!))) + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) - ((5! - (4 - 3!)) \times (2 + 1)) \\
 280462 &:= (1 + (2 \times (3! - (4! + (5! + 6!)))) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) - (((6^5 - 4^3!)/2) + 1) \\
 280463 &:= (1 \times 2 + (3 \times (4 + 5! - 6!))) + (7 \times 8! + 9) &= (9 + 8! \times 7) + (((6 + (5 \times (4 - 3!)))/2) + 1) \\
 280464 &:= ((1 + (2 \times (3! \times 4! + 5!))) + 6^7) + (8 - 9) &= ((9 + 8!) \times 7) - (((6^5 - 4^3!)/2) - 1) \\
 280465 &:= (1 + (2 \times (3! \times 4! + 5!))) - (6^7 \times (8 - 9)) &= (9 + 8! \times 7) - (((6! \times 5 - (4! + 3!))/2) - 1) \\
 280466 &:= (1 - ((2 + 3!) \times (4 + 5!))) - (6! - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6!) - (((5! + 4) \times (3^2)) + 1) \\
 280467 &:= 1 - ((2 - (3!! + 4 - 5!)) - (6^7 - 8 \times 9)) &= ((9 \times ((8 + 7) + (6^5)) \times 4) - (3! + 2)) - 1 \\
 280468 &:= (1 - (2 \times ((3! + (4! \times (5 - 6!))) \times 7))) + (8! - 9) &= (((9 + 8!) \times 7) - 6!) - (((5! + 4) \times (3^2)) - 1) \\
 280469 &:= ((1 + 2)^{3!}) - (4 + 5! - (6^7 - 8 \times 9)) &= (9 \times (8 + ((7! \times 6) + 5))) + (4^{3!} \times 2 \times 1) \\
 280470 &:= (((1 - 2^{3!}) \times (4! + 5)) - 6) + (7 \times (8! + 9)) &= (9 \times (8 + ((7! \times 6) + 5))) + ((4^{3!} \times 2) + 1) \\
 280471 &:= ((1 + 2) + 3!) + ((4 - 5! + 6^7) - 8 \times 9) &= ((9 + 8!) \times 7) - ((6! \times 5 + 4^3)/2 \times 1) \\
 280472 &:= ((1 + 2)! \times (3!! - (4 - 5!))) + (6^7 - 8!/9) &= (((9 + 8!) \times 7) - 6) - (5 \times (4 + (3!/2 + 1))) \\
 280473 &:= 1 - ((2 \times (3!! - 4^5)) - (6^7 - 8 \times 9)) &= (((9 + 8!) \times 7) - 6!) - ((5!/4) \times (3!^2 + 1)) \\
 280474 &:= (1 - ((2 - 3^4) \times (5 \times 6! + 7))) - 8!/9 &= (9 + 8! \times 7 + 6) + ((5 \times (4 - 3!/2)) - 1) \\
 280475 &:= (1 + 2 \times 3!) \times (4! - ((5 \times (6! - (7! - 8))) + 9)) &= (((9 \times 8) - 7!/6!) \times 5) \times ((4! \times (3!^2)) - 1) \\
 280476 &:= 1 - 2 \times 3! - (4^5 + (6! - (7 \times 8! - 9))) &= (9 \times ((8! + (7! \times 6))/5!)) \times ((4! + 3) \times 2 - 1) \\
 280477 &:= (1 - 2 \times 3!) + (4 \times 5! + (6^7 + 8 \times 9)) &= (9 \times (8 \times 7 + (6^5 \times 4))) + 3!^2 + 1 \\
 280478 &:= (1 - ((2 + 3!)/4!)) - (5!/6 - (7 \times (8! - 9))) &= 9 + 8! + (7 \times (((6! - 5) \times 4!) - 3!) \times 2) - 1) \\
 280479 &:= (1 - (2^{3!} + (4 \times 5! + 6^7))) \times (8 - 9) &= (((9 + 8!) \times 7) - 6!) - ((5! + 4^3) \times (2 + 1)!) \\
 280480 &:= (1 - ((2 \times 3!^4) - 5!)) + (6! + 7 \times 8! - 9) &= (9 + 8! \times 7) - (((6! \times 5 - 4^3)/2) + 1) \\
 280481 &:= (1 - ((2 - 3^4) \times (5 \times 6!))) + ((7! - 8!)/9) &= (9 + 8! \times 7) - ((6! \times 5 - 4^3)/2 \times 1) \\
 280482 &:= ((1 - 2^{3!}) \times (4! + 5)) + (6 + (7 \times (8! + 9))) &= (9 + ((8! + 7!) \times 6)) + (5! + ((4^{3!} \times 2) + 1)) \\
 280483 &:= (1 - (2^{3!+4})) - (5 + 6! - (7 \times 8! - 9)) &= (9 + 8) \times (((7! \times 6 - (5! - (4 \times 3!)))/2) - 1) \\
 280484 &:= (1 - (2 \times (3!! + 4 + 5!))) - (6 - (7 \times (8! - 9))) &= 9 + 8! + ((7 \times (((6! - 5) \times 4!) - 3!) \times 2)) - 1) \\
 280485 &:= (1 + 2)! + (((3!! - 4^5) \times 6) + (7 \times (8! + 9))) &= 9 + 8! + (7 \times (((6! - 5) \times 4!) - 3!) \times 2 \times 1) \\
 280486 &:= (1 - (2 \times (3! + (4 \times 5!)))) - (6! - (7 \times (8! - 9))) &= 9 + 8! + ((7 \times (((6! - 5) \times 4!) - 3!) \times 2)) + 1) \\
 280487 &:= (1 - (((2 + 3!)/4!) + 5)) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6) - ((5 \times (4 + 3!))/2 \times 1) \\
 280488 &:= ((1 - 2 \times 3!) - 4^5) + (6! + 7 \times 8! - 9) &= ((9 \times (8!/(7!/6))) - 5!) \times (((4! + 3!)^2) - 1) \\
 280489 &:= (1 - (2 \times 3!! \times 4!)) + (5! + ((6^7/8) \times 9)) &= ((9 + 8!) \times 7) - (((6! - (5! - 4) \times 3) + 2 \times 1) \\
 280490 &:= (1 \times 2 + 3!! + 4!) - (5! - (6^7 - 8 \times 9)) &= ((9 \times (8 + (7 \times (6 + 5!)))) + 4) \times (3!^2 - 1) \\
 280491 &:= ((1 + 2)!! - 3!) + ((4 \times (5! - 6!)) + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6!) - ((5! + (4 + 3!)) \times (2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 280492 &:= ((1 - (2 \times (3! + (4! \times (5 - 6!)))))) \times 7) + (8! + 9) &= 9 + 8! + (7 \times (((((6! - 5) \times 4!) - 3!) \times 2) + 1)) \\
 280493 &:= ((1 + ((2 + 3!)/4!)) \times 5) + ((6 \times 7! - 8) \times 9) &= (((9 + 8!) \times 7) - 6!) - (((5!/4) + 3!)^2 + 1) \\
 280494 &:= 1 - 2 \times 3! - (4^5 + (6! - (7 \times 8! + 9))) &= ((9 + (8!/7)) \times 6) + (5! \times (4^{3!}/2 + 1)) \\
 280495 &:= 1 \times 2 + (3! - (4^5 + (6! - (7 \times 8! - 9)))) &= (((9 + 8!) \times 7) - 6!) - (((5!/4) + 3!)^2 - 1) \\
 280496 &:= (1 - (2 \times (3!! + 4 + 5!))) + (6 + (7 \times (8! - 9))) &= 9 - (((8 - (7 \times (6 - 5!))) \times ((4! - 3!)/2)) + 1) \\
 280497 &:= (1 - (((2 + 3!)/4!) - 5)) - (6 - (7 \times (8! - 9))) &= 9 - (((8 - (7 \times (6 - 5!))) \times ((4! - 3!)/2 \times 1)) \\
 280498 &:= (1 - (2 \times (3! \times (4! + 5!)))) - (6 - (7 \times 8! - 9)) &= 9 - (((8 - (7 \times (6 - 5!))) \times ((4! - 3!)/2)) - 1) \\
 280499 &:= (1 - (((2 + 3!)/4!) + 5)) + (6 + (7 \times (8! - 9))) &= ((9 + 8!) \times 7) - ((6! \times 5 + (4!/3))/2 \times 1) \\
 280500 &:= 1 + 2 \times 3! - (4^5 + (6! - (7 \times 8! - 9))) &= (9 + 8! \times 7) + (((6! - 5!) - 4^{3!})/2) - 1) \\
 280501 &:= (1 - (2^{3!+4})) - (5 + 6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) - ((5! \times (4! - 3)) + 2 \times 1) \\
 280502 &:= ((1 - ((2 \times 3!)/4)) \times 5) - (6 - (7 \times (8! + 9))) &= (9 + 8! \times 7) + (((6! - 5!) - 4^{3!})/2) + 1) \\
 280503 &:= (1 \times 2 \times (3 - (4 \times 5!))) - (6! - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6!) + (5! \times (4 - ((3! - 2)! + 1))) \\
 280504 &:= (1 - (2 \times 3!! \times 4!)) + (((5! + 6^7)/8) \times 9) &= (9 + (8! \times 7!/6!)) + (5 \times (((4! - 3!)/2) - 1)) \\
 280505 &:= (1 \times 2 + (((3 - 4!) \times 5!) + 6!)) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + 6!) - ((5! \times (4! - 3)) - (2 \times 1)) \\
 280506 &:= ((1 - 2 \times 3!!) - 4^5) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6 - ((5 \times (4 - 3!))/2))) - 1) \\
 280507 &:= (1 - ((2 - 3 \times 4!) \times 5!)) + (6 \times (7! + 8! - 9)) &= (9 + 8! \times 7) - (((6 - (5 \times (4! - 3!)))/2) - 1) \\
 280508 &:= ((1 + 2)!! - (3^4 - 5)) + (6^7 - 8 \times 9) &= (((9 + 8!) \times 7) - 6!) - (5 \times ((4! \times 3^2) - 1)) \\
 280509 &:= (1 - (((2 + 3!)/4!) - 5)) + (6 + (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6!) - (5! + ((4! + 3!)^2 \times 1)) \\
 280510 &:= (1 - (2 \times (3! \times (4! + 5!)))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6!) - ((5 + 4!) \times (3!^2 + 1)) \\
 280511 &:= (1 - (2 \times ((3!! \times 4) + 5^6))) - ((7! - 8!) \times 9) &= (9 \times ((8 + 7!) \times 6)) + ((5! \times ((4^3) + 2)) - 1) \\
 280512 &:= ((1 - 2 \times 3!!) \times 4!) + (5! + ((6^7/8) \times 9)) &= (((9 + 8!) \times 7) - 6) + (5 \times (((4 - 3!)/2) + 1)) \\
 280513 &:= 1 \times 2 + 3! - (4^5 + (6! - (7 \times 8! + 9))) &= (9 \times ((8 + 7!) \times 6)) + ((5! \times ((4^3) + 2)) + 1) \\
 280514 &:= ((1 - ((2 \times 3!)/4)) \times 5) + (6 + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6!) - ((5 + 4!) \times (3!^2 - 1)) \\
 280515 &:= 1 - (((2 + 3!!) - (4! + 5!)) + 6^7) \times (8 - 9) &= (((9 + 8!) \times 7) + ((6 + (5 \times (4 - 3!)))/2)) - 1) \\
 280516 &:= (1 + (2 \times (3! - (4! + (5! + 6!)))))) + (7 \times 8! - 9) &= (9 + 8! \times 7 + 6) + (((5 \times (4! - 3!))/2) + 1) \\
 280517 &:= (1 \times 2 + (3 \times (4 + 5! - 6!))) + (7 \times (8! + 9)) &= (9 + 8! \times 7) - (((6!/5 \times 4!) + 3!)/2 + 1) \\
 280518 &:= 1 + 2 \times 3! - (4^5 + (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6) + ((5 \times (4 - 3!)/2) + 1) \\
 280519 &:= ((1 + 2)!! + (3! - 4!)) - (5! - (6^7 - 8 + 9)) &= ((9 + 8!) \times 7) - (((6! \times 5 - (4! + 3!))/2) - 1) \\
 280520 &:= (((1 + (2 \times 3!^4)) \times 5!) + 6!) - (7 \times 8!/9) &= 9 + 8! + (((((7! - 6!/5!) \times 4!) - 3!) \times 2) - 1) \\
 280521 &:= (((1 + 2) - 3!!) \times (4! - 5!)) - ((6 \times (7! - 8!)) - 9) &= ((9 + 8! \times 7) - (6! + 5!)) - (4! \times (3!^2 + 1)) \\
 280522 &:= (1 - ((2 + 3!)/4!)) - (5 \times 6 - (7 \times 8! - 9)) &= 9 - (((8! - ((7! \times 6 - (5! + 4!)) \times 3!)) \times 2) - 1) \\
 280523 &:= 1 \times 2 + ((3 \times (4! + (5! - 6!))) + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + (6! - ((5^4) \times ((3 + 2) - 1))) \\
 280524 &:= 1 \times 2 - (3!! \times 4! - (5^6 + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + 6) + (5 \times (((4 - 3!)/2) + 1)) \\
 280525 &:= (((1 + 2)!! - (3! + 4 + 5!)) + (6^7 + 8)) - 9 &= ((9 + (8! + 7!)) \times 6) + ((5! + 4^{3!} \times 2) - 1) \\
 280526 &:= ((1 + 2)!! - (3! + 4)) - (5! + (6^7 \times (8 - 9))) &= 9 + 8! + ((7 \times (((6! - 5) \times 4!) - 3) \times 2)) - 1) \\
 280527 &:= ((1 - 2 \times 3!!) \times 4!) + (((5! + 6^7)/8) \times 9) &= ((9 + (8! + 7!)) \times 6) + (5! + ((4^{3!} \times 2) + 1)) \\
 280528 &:= (1 - (2 \times (3! \times (4! + 5!)))) + (6 + (7 \times 8! + 9)) &= 9 + 8! + ((7 \times (((6! - 5) \times 4!) - 3) \times 2)) + 1) \\
 280529 &:= (1 + (2^{3!} \times (4 + 5!))) + (6 \times ((7! + 8) \times 9)) &= (((9 + 8!) \times 7) + 6) + (5 \times (4 - (3!)/2 \times 1))
 \end{aligned}$$

$$\begin{aligned}
 280530 &:= ((1 + ((2 + 3!) \times (4 - 5!))) - 6!) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + 6) + ((5 \times (4 - 3!/2)) + 1) \\
 280531 &:= ((1 + 2)! \times 3!) + ((4 \times ((5^6 \times 7) - 8!)) - 9) &= (9 + 8! \times 7) - ((6! - (5 - 4! \times 3!)) \times 2 \times 1) \\
 280532 &:= (1 - ((2 + 3!)/4!)) - (5!/6 - (7 \times 8! - 9)) &= (9 + 8! \times 7) - (((6! + (5! + (4! - 3!))) \times 2) + 1) \\
 280533 &:= 1 \times 2 + ((3! - (4 + 5!)) + (6^7 + (8 - 9))) &= (9 + 8! \times 7) - ((6! + (5! + (4! - 3!))) \times 2 \times 1) \\
 280534 &:= (1 + (2 \times (3! - (4! + (5! + 6!)))) + (7 \times 8! + 9) &= ((9 + 8!) \times 7) - (((6! \times 5 - 4^3)/2) + 1) \\
 280535 &:= 1 \times 2 + (((3! - (4 + 5!)) + 6^7) - 8 + 9) &= ((9 + 8!) \times 7) - ((6! \times 5 - 4^3)/2 \times 1) \\
 280536 &:= (1 + 2)! \times ((3! \times 4) + ((5 \times (6! - 7)) + 8! - 9)) &= ((9 + 8! \times 7) - 6!) - (((5! + 4) \times (3! + 2)) + 1) \\
 280537 &:= ((1 + (2 \times (3! \times 4! + 5!))) + 6^7) + 8 \times 9 &= ((9 + 8! \times 7) - 6!) - ((5! + 4) \times (3! + 2 \times 1)) \\
 280538 &:= (1 - (2 \times (3! + 4 + 5!))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!) - (((5 + 4!) \times (3!^2)) + 1) \\
 280539 &:= ((1 - 2^{3!}) \times 4!) - (5! + (6 - (7 \times (8! - 9)))) &= ((9 - (((8 \times 7) - 6!) \times 5!)) + (4!^3)) \times (2 + 1) \\
 280540 &:= (1 - (2 \times (3! + (4 \times 5!)))) - (6! - (7 \times 8! - 9)) &= (9 + 8! \times 7) - (((6! + (5 \times (4! + 3))) \times 2) - 1) \\
 280541 &:= (1 - (((2 + 3!)/4!) + 5)) - (6 - (7 \times 8! - 9)) &= 9 + (((8 \times (7! - 6 \times 5)) - 4) \times (3! + (2 - 1))) \\
 280542 &:= (1 \times 2 + 3!) + ((4 - 5!) - (6^7 \times (8 - 9))) &= ((9 + 8 \times 7) \times (6! \times 5 - (4 - 3!))) + (2 \times 1) \\
 280543 &:= (1 \times 2 + 3!) + ((4 - 5! + 6^7) - 8 + 9) &= (9 \times (8 + (7! \times 6))) + ((5! + 4^{3!} \times 2) - 1) \\
 280544 &:= (((1 + 2)^{3!}) - ((4! \times 5) - 6^7)) + (8 - 9) &= ((9 + 8! \times 7) - (6! + 5!)) - ((4! \times (3!^2)) + 1) \\
 280545 &:= ((1 + 2)! - 3!) + ((4 \times (5! - 6!)) + 7 \times 8! - 9) &= (9 \times (8 + (7! \times 6))) + (5! + ((4^{3!} \times 2) + 1)) \\
 280546 &:= (1 - (2 \times (3 + (4! \times ((5 - 6!) \times 7)))) + (8! - 9) &= ((9 + 8! \times 7) - 6!) - ((5! + (4! \times (3!^2))) - 1) \\
 280547 &:= ((1 - ((2 + 3!) \times 4!)) + 5^6) + (7 \times 8! + 9) &= (9 + 8! \times 7) - (((6 + 5!) \times (4! + 3))/2) + 1) \\
 280548 &:= (1 - (((2 + (3!/4)) \times 5) + 6!)) + (7 \times (8! - 9)) &= (((9 + 8!/7!) + (6^5)) \times (4! - 3!)) \times 2 \times 1) \\
 280549 &:= ((1 + 2)! \times 3!) + ((4 \times ((5^6 \times 7) - 8!)) + 9) &= (9 + (8! \times 7 + 6!)) - ((5 \times 4) \times ((3 + 2)! + 1)) \\
 280550 &:= (1 - (2 \times (3! + 4 + 5!))) + ((6 + 7 \times 8!) - 9) &= 9 - ((8 + ((7 - (6^5 + 4!)) \times (3!^2))) - 1) \\
 280551 &:= (1 - (((2 + 3!)/4!) - 5)) - (6 - (7 \times 8! - 9)) &= (9 + 8! \times 7) + ((6 \times 5) - ((4 \times 3)^{2+1})) \\
 280552 &:= (1 - ((2 - 3 \times 4!) \times 5!)) + ((6 \times (7! + 8!)) - 9) &= (9 + 8! \times 7) - (((6! + (5! + (4!/3))) \times 2) + 1) \\
 280553 &:= (1 - (((2 + 3!)/4!) + 5)) + ((6 + 7 \times 8!) - 9) &= (9 + 8! \times 7) - ((6! + (5! + (4!/3))) \times 2 \times 1) \\
 280554 &:= (1 - (2 \times (3! - (4 - 5!)))) - (6 - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) + (((6! - 5!) - 4^{3!})/2) - 1) \\
 280555 &:= (1 + ((2 - 3!) \times (4! - 5!))) - (6 \times (7! - 8! + 9)) &= 9 - (((8!/7!) + 6) \times (5! - (((4!/3)!/2) - 1))) \\
 280556 &:= ((1 + ((2 + 3!)/4!)) \times 5) + ((6 \times (7! + 8!)) - 9) &= ((9 + 8!) \times 7) + (((6! - 5!) - 4^{3!})/2) + 1) \\
 280557 &:= (1 \times 2 \times (3 - (4 \times 5!))) - (6! - (7 \times 8! - 9)) &= 9 + 8! + (((7 \times ((6! - 5) \times 4!)) - 3!) \times 2 \times 1) \\
 280558 &:= (1 + (2 \times (3 - (4 \times 5!)))) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6!) - (((5! \times 4) + 3!) \times 2) - 1) \\
 280559 &:= (1 - (((2 + 3!)/4!) + 5)) - (6 - (7 \times 8! + 9)) &= (9 \times (8! - 7!)) + (((6! + 5!) \times 4) - ((3! + 2)! + 1)) \\
 280560 &:= ((1 - 2 \times 3!) - 4^5) + (6! + (7 \times (8! + 9))) &= (9 + 8! \times 7) + (((6 \times 5! - 4^{3!})/2) - 1) \\
 280561 &:= (1 - ((2 + 3!) - (4 \times (5! + 6!)))) - ((7! - 8!) \times 9) &= ((9 + 8!) \times 7) - (((6 - (5 \times (4! - 3!)))/2) - 1) \\
 280562 &:= (1 \times 2 + 3! + 4!) - (5! + (6^7 \times (8 - 9))) &= ((9 + 8! \times 7) - 6!) - (((5! \times 4) + 3) \times 2) + 1) \\
 280563 &:= (1 - (((2 + 3!)/4!) - 5)) + ((6 + 7 \times 8!) - 9) &= 9 + 8! - 7 - (((6! - 5) \times (4! - 3!/2)) - 1) \\
 280564 &:= (1 + (2 \times (3! - (4 \times 5!)))) - (6! - (7 \times 8! - 9)) &= 9 + 8! + (((7 \times ((6! - 5) \times 4!)) - 3) \times 2) + 1) \\
 280565 &:= (1 - (2^{3!+4})) + (5 - (6! - (7 \times (8! + 9)))) &= ((9 + 8!) \times 7) + (((6 + (5 \times (4! - 3!)))/2) - 1) \\
 280566 &:= (1 - (2 \times (3! - (4 - 5!)))) + ((6 + 7 \times 8!) - 9) &= (9 + 8! \times 7 + 6) - (((5! + (4 + 3!)) \times 2) + 1) \\
 280567 &:= (((1 \times 2 - (3!/4)) \times 5) - 6!) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) + (((6 + (5 \times (4! - 3!)))/2) + 1) \\
 280568 &:= (1 - (2 \times (3! + 4 + 5!))) + (6 + (7 \times 8! + 9)) &= (9 + ((8! + 7!) \times 6)) + ((5! \times ((4! \times 3) - 2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 280569 &:= (1 - (((2 + 3!)!/4!) - 5)) - (6 - (7 \times 8! + 9)) &= (9 + (8! \times 7 + ((6! + 5!) \times 4))) - ((3! + (2 - 1)))! \\
 280570 &:= (1 - ((2 - 3 \times 4!) \times 5!)) + ((6 \times (7! + 8!)) + 9) &= (9 + ((8! + 7!) \times 6)) + ((5! \times ((4! \times 3) - 2)) + 1) \\
 280571 &:= (1 - (((2 + 3!)!/4!) + 5)) + (6 + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - (((6!/5 \times 4!) + 3!)/2) + 1 \\
 280572 &:= (1 - ((2 + 3!)!/4!)) + (5!/6 + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) - (((5! - (4 - 3!)) \times 2) - 1) \\
 280573 &:= ((1 + 2)^{3!}) - (4 \times 5 - (6^7 - 8 \times 9)) &= (9 + 8! \times 7) + ((6 - (5! + (4 + 3!))) \times 2 \times 1) \\
 280574 &:= ((1 + ((2 + 3!)!/4!)) \times 5) + ((6 \times (7! + 8!)) + 9) &= 9 + 8! + (((7 \times ((6! - 5) \times 4!)) + 3) \times 2) - 1 \\
 280575 &:= (1 \times 2 \times (3 - (4 \times 5!))) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6! + 5!)) - (4! \times (3!^2 + 1)) \\
 280576 &:= (1 + (2 \times (3 - (4 \times 5!)))) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) - (((5! \times 4) - 3) \times 2) - 1 \\
 280577 &:= (((1 + 2)^{3!}) - (4! - 5!)) \times 6 + ((7 \times 8) + 9) &= (9 + (8! + 7)) - (((6! - 5) \times (4! - 3!)/2)) - 1 \\
 280578 &:= 1 \times 2 - (3!! \times 4! - (5^6 + 7 \times 8! - 9)) &= 9 - 8 - (((7 - 6!/5) \times (4^{3!}/2)) - 1) \\
 280579 &:= 1 - (2 \times (3!! + ((4 \times ((5 \times 6 + 7!) - 8!)) - 9))) &= ((9 + 8!) \times 7) - (((6!/5 \times 4!) - 3!)/2) - 1 \\
 280580 &:= ((1 + 2)!! - (3^4 - 5)) - (6^7 \times (8 - 9)) &= ((9 + 8!) \times 7) - (((6! + (5! + (4! - 3))) \times 2) + 1) \\
 280581 &:= (((1 + (2^{3!+4})) \times 5) + 6^7) - 8!/9 &= ((9 + 8! \times 7) - 6!) - (((5! \times 4) - 3!) \times 2 \times 1) \\
 280582 &:= (1 - ((2^{3!} \times 4!) + 5!)) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) - 6!) - (((5! \times 4) - 3!) \times 2) - 1 \\
 280583 &:= (((1 \times 2 + 3!) \times (4 - 5!)) - 6!) + (7 \times 8! - 9) &= (9 \times (((8 + 7!) \times 6) + 5!)) + (((4!^3)/2) - 1) \\
 280584 &:= ((1 + ((2 + 3!) \times (4 - 5!))) - 6!) + (7 \times 8! - 9) &= (9 + 8! \times 7 + 6) - (((5! - (4 - 3!)) \times 2) - 1) \\
 280585 &:= (1 \times 2 + (3!! + 4)) - (5 - (6^7 - 8 \times 9)) &= (9 \times (((8 + 7!) \times 6) + 5!)) + (((4!^3)/2) + 1) \\
 280586 &:= (1 \times 2 - 3!!) + ((4^5 + (6 \times 7! - 8)) \times 9) &= (9 + 8! \times 7) - (((6! + (5! - 4!/3)) \times 2) - 1) \\
 280587 &:= (1 + (2 \times ((3! - 4 + 5)^6))) + ((7! - 8) \times 9) &= (9 + 8! \times 7) + (6 \times (((5 - 4! \times 3!) \times 2) + 1)) \\
 280588 &:= (1 - ((2^{3!} \times 4!) + 5!)) - (6 - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + (((6 - (5! + (4! + 3!))) \times 2) + 1) \\
 280589 &:= ((1 + 2)!! + (3! + 4)) - (5 - (6^7 - 8 \times 9)) &= (9 + 8! \times 7) - ((6! + (5! - (4 + 3!))) \times 2 \times 1) \\
 280590 &:= (1 - ((2 + 3!)!/4!)) + (5!/6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) - (((5! + 4) \times (3! + 2)) + 1) \\
 280591 &:= (((((1 + 2)^{3!}) - (4! - 5!)) \times 6) + 7) + 8 \times 9 &= (((9 + 8!) \times 7) - 6!) - ((5! + 4) \times (3! + 2 \times 1)) \\
 280592 &:= (1 - ((2 + 3!) \times (4 + 5!))) - (6! - (7 \times (8! + 9))) &= ((9 + 8! \times 7) - ((6!/5!)^4)) - (3!!/2 + 1) \\
 280593 &:= ((1 - 2^{3!}) \times 4!) - (5! + (6 - (7 \times 8! - 9))) &= (9 \times ((8 + 7!) \times 6)) + (((5 \times 4!)^3 + 2)) - 1 \\
 280594 &:= (1 - (2 \times (3 - (4! - (5! + 6!)))))) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) - (((6! + (5 \times (4! + 3))) \times 2) - 1) \\
 280595 &:= (1 \times 2 - (3! \times (4! + 5!))) - (6! - (7 \times (8! - 9))) &= (9 \times ((8 + 7!) \times 6)) + (((5 \times 4!)^3 + 2)) + 1 \\
 280596 &:= 1 \times 2 - (3!! \times 4! - (5^6 + (7 \times 8! + 9))) &= (((9 - (8 \times 7)) \times 6) - 5!) \times (4! - (3!! + 2 \times 1)) \\
 280597 &:= (1 + 2) - (3!! \times 4! - (5^6 + (7 \times 8! + 9))) &= ((9 + 8!) \times 7) - (6! + ((5^4) + (3!!/2 + 1))) \\
 280598 &:= ((1 + 2)!! - (3! + 4)) - (5! - (6^7 + 8 \times 9)) &= (((9 + 8!) \times 7) - (6! + 5!)) - ((4! \times (3!^2)) + 1) \\
 280599 &:= ((1 \times 2 - 3!!) \times (4! - 5!)) - ((6 \times (7! - 8!)) + 9) &= (((9 + 8!) \times 7) - 6!) - (5^4) - (3!!/2 - 1) \\
 280600 &:= (1 + ((2 - 3!!) \times (4! - 5!))) - ((6 \times (7! - 8!)) + 9) &= (9 + ((8! + 7!) \times 6)) + (((5! + 4^{3!}) \times 2) - 1) \\
 280601 &:= ((1 - ((2 + 3!!) \times 4!)) + 5^6) + (7 \times (8! + 9)) &= (9 \times (8! - (7! + 6))) - (((5! + 4! \times 3)^2) + 1) \\
 280602 &:= (1 - (((2 + (3!!/4)) \times 5) + 6!)) + (7 \times 8! - 9) &= (9 + ((8! + 7!) \times 6)) + (((5! + 4^{3!}) \times 2) + 1) \\
 280603 &:= (((1 + 2)^{3+4}) \times (5! + 6)) + (7! - 8 + 9) &= (9 \times (8! - (7! + 6))) - (((5! + 4! \times 3)^2) - 1) \\
 280604 &:= (1 - ((2 \times (3!! + 4)) + 5!)) - (6 - (7 \times (8! - 9))) &= 9 + 8! + (7 \times (6 - (((5! - (4! \times 3!)) \times 2) + 1))) \\
 280605 &:= ((1 - 2^{3!}) \times 4!) - (5! - ((6 + 7 \times 8!) - 9)) &= (9 + 8! \times 7) - (((6 + 5!) - (4! - 3!)) \times 2 \times 1) \\
 280606 &:= (1 - (2 \times (3!! - (4! - 5!)))) + ((6 + 7 \times 8!) - 9) &= ((9 + 8!) \times 7) - (((6! + (5! + (4!/3))) \times 2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 280607 &:= ((1+2)!! - (3! - 4!)) + ((5+6^7) - 8 \times 9) &= ((9+8!) \times 7) - ((6! + (5! + (4!/3))) \times 2 \times 1) \\
 280608 &:= (1 - (2^{3!+4})) + (5! - (6! - (7 \times 8! - 9))) &= (((9+8!) \times 7) - 6) - (((5! + (4+3!)) \times 2) + 1) \\
 280609 &:= (1 - (2 \times (3!! \times 4! - 5!))) + ((6^7/8) \times 9) &= (((9+8!) \times 7) - 6) - ((5! + (4+3!)) \times 2 \times 1) \\
 280610 &:= (1 - (2 \times (3!! + 4 + 5!))) - (6 - (7 \times (8! + 9))) &= 9 + 8! - ((7 - 6!) \times (5! + ((4! \times (3^2)) + 1))) \\
 280611 &:= ((1 - 2^{3!}) \times 4!) - (5! + (6 - (7 \times 8! + 9))) &= 9 + 8! + (7 \times (6 - ((5! - (4! \times 3!)) \times 2 \times 1))) \\
 280612 &:= (1 - (2 \times (3 - (4! - (5! + 6!)))))) + (7 \times 8! + 9) &= (((9+8!) \times 7) - 6!) - (((5! \times 4) + 3!) \times 2) - 1) \\
 280613 &:= (1 - (((2+3!)/4!) + 5)) - (6 - (7 \times (8! + 9))) &= ((9 + (8! + 7!)) \times 6) + ((5! \times ((4! \times 3) - 2)) - 1) \\
 280614 &:= ((1+2) - ((3! - 4!) \times (5^6))) - (7!/8 + 9) &= ((9+8!) \times 7) + (((6 \times 5! - 4^{3!})/2) - 1) \\
 280615 &:= (1 - ((2 - 3 \times 4!) \times 5!)) + (6 \times (7! + 8! + 9)) &= ((9 + (8! + 7!)) \times 6) + ((5! \times ((4! \times 3) - 2)) + 1) \\
 280616 &:= (1 - (2 \times 3!! - 4)) - (5! + (6 - (7 \times (8! - 9)))) &= (((9+8!) \times 7) - 6!) - (((5! \times 4) + 3) \times 2) + 1) \\
 280617 &:= ((1 \times 2 - 3!!) \times (4! - 5!)) - ((6 \times (7! - 8!)) - 9) &= (9 + ((8! - 7!) \times 6)) + ((5! - 4!) \times (3!! - (2 \times 1))) \\
 280618 &:= (1 + ((2 - 3!!) \times (4! - 5!))) - ((6 \times (7! - 8!)) - 9) &= 9 + 8! + (7 \times (6 - ((5! - (4! \times 3!)) \times 2) - 1))) \\
 280619 &:= ((1 + ((2+3!)/4!)) \times 5) + (6 \times (7! + 8! + 9)) &= (9 \times (8 + ((7 + (6^5)) \times 4))) + (3!!/2 - 1) \\
 280620 &:= (1 - (((2 + (3!!/4)) \times 5) + 6!)) + (7 \times 8! + 9) &= (9 + 8! \times 7) + (((6! + 5!) - 4^{3!})/2) - 1) \\
 280621 &:= (((1 \times 2 - (3!!/4)) \times 5) - 6!) + (7 \times 8! - 9) &= (9 \times (8 + ((7 + (6^5)) \times 4))) + (3!!/2 + 1) \\
 280622 &:= (1 + ((2 - (3!!/4)) \times 5)) - (6! - (7 \times 8! - 9)) &= (9 + 8! \times 7) - (6 + ((5 \times ((4! - 3!)^2)) + 1)) \\
 280623 &:= ((1 - 2^{3!}) \times 4!) - (5! - (6 + (7 \times 8! + 9))) &= ((9 + 8! \times 7) - 6!) - (5 + (((4! + 3!)^2) + 1)) \\
 280624 &:= (1 - (2 \times (3!! - (4! - 5!)))) + (6 + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - ((5 \times ((4! - 3!)^2)) - 1) \\
 280625 &:= (1 + ((2 - 3!!) \times 4!)) + (5^6 + 7 \times 8! - 9) &= ((9 + 8! \times 7) - (6! + 5)) - (((4! + 3!)^2) - 1) \\
 280626 &:= (1 - (2^{3!+4})) + (5! - (6! - (7 \times 8! + 9))) &= (((9+8!) \times 7) - 6) - (((5! - (4 - 3!)) \times 2) - 1) \\
 280627 &:= ((1+2)! - (3!! - (4 - 5!))) - (6! - (7 \times (8! - 9))) &= 9 - (((8 \times 7) - (6! \times 5!))/4) \times (3! \times 2 + 1) \\
 280628 &:= (1 - (2 \times 3!! - 4)) - (5! - (6 + (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - 6) - (5 \times (((4! - 3!)^2) - 1)) \\
 280629 &:= (1 \times 2 \times (3 - (4 \times 5!))) - (6! - (7 \times (8! + 9))) &= (((((9 + 8 \times 7) \times 6!) - (5 + 4!)) \times 3!) + 2) + 1) \\
 280630 &:= (1 - ((2 \times (3!! + 4!)) + 5!)) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6!) - (((5! \times 4) - 3) \times 2) - 1) \\
 280631 &:= (1 - ((2^{3!} \times 4!) + 5)) - (6 - (7 \times (8! - 9))) &= (9 \times (8 + (7! \times 6))) + ((5! \times ((4! \times 3) - 2)) - 1) \\
 280632 &:= (1 - ((2 \times (3!! - 4)) + 5!)) + (6 + (7 \times (8! - 9))) &= (9 + 8! \times 7) + ((6 - (5! \times (4! + 3)))/2 \times 1) \\
 280633 &:= (1 - ((2 - 3 \times 4!) \times 5!)) + ((6 \times 7! + 8) \times 9) &= (9 \times (8 + (7! \times 6))) + ((5! \times ((4! \times 3) - 2)) + 1) \\
 280634 &:= 1 \times 2 \times ((3! + 4)^5 + ((6 + 7! \times 8) - 9)) &= (((9 + 8!) \times 7) - 6!) - (((5! \times 4) - 3!) \times 2) + 1) \\
 280635 &:= (1 - (((2 + 3!)/4!) - 5)) + (6 + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6!) + (5 - (((4! + 3!)^2) - 1)) \\
 280636 &:= (1 - 2 \times 3!!) - (((4! + 5) \times 6) - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) - (((5! \times 4) - 3!) \times 2) - 1) \\
 280637 &:= ((1 + ((2 + 3!)/4!)) \times 5) + ((6 \times 7! + 8) \times 9) &= (9 + (8! \times 7!/6!)) - ((5! + 4) \times (3! \times 2 + 1)) \\
 280638 &:= (1 - (2 \times (3!! - (4 - 5!)))) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) - (((5! - (4 - 3!)) \times 2) - 1) \\
 280639 &:= (((1 \times 2 - (3!!/4)) \times 5) - 6!) + (7 \times 8! + 9) &= 9 \times 8 - (7 \times (6! - ((5! \times 4) + ((3! + 2)! + 1)))) \\
 280640 &:= (1 + ((2 - (3!!/4)) \times 5)) - (6! - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - (((6! + (5! - 4!/3)) \times 2) - 1) \\
 280641 &:= (1 - ((2 - (3^4 \times 5)) \times 6!)) - (7! + 8!/9) &= ((9 + 8!) \times 7) + (6 \times (((5 - 4! \times 3!) \times 2) + 1)) \\
 280642 &:= (1 - (2 \times 3!! + 4! + 5!)) - (6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) - (((5 \times 4!)/3)^2 + 1) \\
 280643 &:= (1 + ((2 - 3!!) \times 4!)) + (5^6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) - ((5! + 4) \times (3! \times 2 + 1)) \\
 280644 &:= (1 - ((2 + 3!)/4!)) + (5!/6 + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6) - (((5 \times 4!)/3)^2 - 1) \\
 280645 &:= (1 - ((2 + (3! \times 4^5)) \times 6)) - ((7! - 8!) \times 9) &= ((9 + (8! + 7!)) \times 6) + (((5! + 4^{3!}) \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 280646 &:= 1 \times 2 \times ((3! + 4)^5) - (6 - (7! \times 8 + 9)) &= ((9 + 8! \times 7) - 6!) + (5 - (4! \times (3!^2 + 1))) \\
 280647 &:= ((1 + 2)!! + 3!!) - ((4! \times (5! + 6)) - (7 \times 8! - 9)) &= ((9 + (8! + 7!)) \times 6) + (((5! + 4^{3!}) \times 2) + 1) \\
 280648 &:= (1 + 2 \times 3!!) - ((4! \times (5! + 6)) - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6 - 5!))) - (((4! + 3!!) \times 2) - 1) \\
 280649 &:= (1 \times 2 - (3! \times (4! + 5!))) - (6! - (7 \times 8! - 9)) &= (9 \times (8! - 7!)) - (6 + (((5! + 4! \times 3)^2) + 1)) \\
 280650 &:= 1 \times 2 - (3!! \times 4! - (5^6 + (7 \times (8! + 9)))) &= (9 \times (8! - 7!)) - (6 + ((5! + 4! \times 3)^2 \times 1)) \\
 280651 &:= 1 - (2 \times (3 - (4! \times (((5 + (6! + 7)) \times 8) - 9)))) &= (9 \times (8! - 7!)) - ((6 + ((5! + 4! \times 3)^2)) - 1) \\
 280652 &:= ((1 + 2^{3!}) \times (4 + 5!)) + (6 \times ((7! + 8) \times 9)) &= 9 + 8! + ((7 \times ((6 - (5! - (4! \times 3!!))) \times 2)) - 1) \\
 280653 &:= (1 \times 2 \times ((3! - (4! \times (5 - 6!))) \times 7)) + (8! + 9) &= 9 + 8! + (7 \times ((6 - (5! - (4! \times 3!!))) \times 2 \times 1)) \\
 280654 &:= (1 - (2 \times 3!! + (4! + (5! - 6)))) + (7 \times 8! - 9) &= (9 + 8! \times 7 + 6) - (((5 \times 4!)/3)^2) + 1) \\
 280655 &:= (((1 \times 2 + 3!) \times (4 - 5!)) - 6!) + (7 \times (8! + 9)) &= (9 \times (8! - 7!)) - ((6!/5 \times (4^{3! - 2})) + 1) \\
 280656 &:= ((1 + ((2 + 3!) \times (4 - 5!))) - 6!) + (7 \times (8! + 9)) &= (9 + 8! \times 7) + (6 - (((5 \times 4!)/3)^2) - 1) \\
 280657 &:= ((1 + ((2 + 3!)! + 4))/5) + (6 \times ((7! + 8) \times 9)) &= (9 \times (8! - 7!)) - ((6!/5 \times (4^{3! - 2})) - 1) \\
 280658 &:= (1 - ((2 \times (3!! + 4) + 5!)) - (6 - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) - (((6 + 5!) - (4! - 3!!)) \times 2) + 1) \\
 280659 &:= 1 \times 2 - (((3!! - 4 + 5) + 6^7) \times (8 - 9)) &= ((9 + 8! \times 7) - (6! + 5)) - ((4! \times (3!^2)) + 1) \\
 280660 &:= (1 - (2 \times 3!! + 4! + 5!)) - (6 - (7 \times 8! + 9)) &= (((9 + 8! \times 7) - (6! + 5)) - (4! \times (3!^2))) \times 1 \\
 280661 &:= ((1 + ((2 + 3!)! + 4))/5) + (6 \times ((7! + 8) \times 9)) &= (9 \times (8! - 7!)) + (6 - (((5! + 4! \times 3)^2) + 1)) \\
 280662 &:= (1 - (2 \times 3!! + 4 + 5!)) - (6 - (7 \times 8! - 9)) &= (9 \times (8! - 7!)) + (6 - ((5! + 4! \times 3)^2 \times 1)) \\
 280663 &:= ((1 + 2 \times 3!) \times (4 - 5!)) - (6 - (7 \times (8! - 9))) &= (9 \times (8! - 7!)) + (6 - (((5! + 4! \times 3)^2) - 1)) \\
 280664 &:= (((1 - 2^{3!}) \times 4!) + 5) - (6 - (7 \times (8! - 9))) &= (9 + (8! \times 7 + (6! \times 5))) - (((4! \times 3)^2) + 1) \\
 280665 &:= ((1 - 2^{3!}) \times 4!) - (((5 - 6) \times 7) \times (8! - 9)) &= (9 \times (8 + (7! \times 6))) + (((5! + 4^{3!}) \times 2) + 1) \\
 280666 &:= (1 - 2 \times 3!!) - ((4! \times 5) + (6 - (7 \times 8! - 9))) &= (9 + (8! \times 7 + (6! \times 5))) - (((4! \times 3)^2) - 1) \\
 280667 &:= (1 \times 2 - (3! \times (4! + 5!))) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6 \times (5! + 4!))) - (3!! - (2 \times 1)) \\
 280668 &:= 1 \times 2 \times (3! + (4! \times (((5 + (6! + 7)) \times 8) - 9))) &= 9 + 8! + (7! + (((6 + 5) - 4)^{3!}) \times 2) + 1) \\
 280669 &:= (1 + ((2 - (3! \times 4^5)) \times 6)) - ((7! - 8!) \times 9) &= ((9 + 8! \times 7) - 6!) + (5 - ((4! \times (3!^2)) + 1)) \\
 280670 &:= (1 - (2 \times 3!! - 4)) - (5! + (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - 6!/5) - (((4! + 3!!) \times 2) + 1) \\
 280671 &:= ((1 + 2)! - (3! \times (4! + 5!))) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) + (5 - ((4! \times (3!^2)) - 1)) \\
 280672 &:= (1 - (2 \times 3!! + (4! + (5! - 6)))) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) - 6!/5) - (((4! + 3!!) \times 2) - 1) \\
 280673 &:= (1 + (((2 + 3!)! - (4! + (5! + 6!))) \times 7)) + 8!/9 &= (9 + 8! \times 7) - (6!/5 - ((4 - 3!!) \times 2 \times 1)) \\
 280674 &:= (1 - ((2 \times (3!! - 4) + 5!)) - (6 - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) + (((6! + 5!) - 4^{3!})/2) - 1) \\
 280675 &:= (((1 + 2 \times 3!) \times (4 - 5!)) + 6) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) + (((6! + 5!) - 4^{3!})/2 \times 1) \\
 280676 &:= (1 - (2^{3!} \times 4!)) - (5!/6 - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) - (6 + ((5 \times ((4! - 3!^2)) + 1)) \\
 280677 &:= ((1 - 2^{3!}) \times 4!) - (5! - (6 + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - 6!) - (5 + (((4! + 3!^2) + 1)) \\
 280678 &:= (1 - (((2 + 3!)!/4!) - 5!)) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6) - ((5 \times ((4! - 3!^2)) - 1) \\
 280679 &:= (((1 + (2 + 3!)!) - (4! + (5! + 6!))) \times 7) + 8!/9 &= (((9 + 8!) \times 7) - (6! + 5)) - (((4! + 3!^2) - 1) \\
 280680 &:= (1 - (2 \times 3!! + 4 + 5!)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6 + (5! + 4))) - (3!! \times 2 - 1) \\
 280681 &:= 1 \times 2 + ((3! \times (4 + 5!)) + (6^7 + (8 - 9))) &= ((9 + (8! \times 7!/6!)) - 5!) - ((4 + 3!!) \times 2 \times 1) \\
 280682 &:= (1 - (2 \times 3!! - 4)) - (5! - ((6 + 7 \times 8!) - 9)) &= (((9 + 8!) \times 7) - 6) - (5 \times (((4! - 3!^2) - 1)) \\
 280683 &:= ((1 + 2)!! + (3 - 4!)) + ((5! + 6^7) - 8 \times 9) &= (9 - (((8! \times 7)/(6 \times 5!)) \times (4 - 3!!))) + (2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 280684 &:= (1 - (((2 + 3!) / 4!) - 5!)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - ((5 \times 4!) + (3! \times 2 - 1)) \\
 280685 &:= (1 - ((2^{3!} \times 4!) + 5)) - (6 - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) + (((6 - (5! \times (4! + 3))) / 2) - 1) \\
 280686 &:= (1 - ((2 \times (3!! - 4)) + 5!)) + ((6 + 7 \times 8!) - 9) &= ((9 + (8! \times 7! / 6!)) - (5! + 4)) - (3! \times 2 - 1) \\
 280687 &:= (1 - ((2 + 3!! + 4!) \times 5)) + (6^7 + 8! / 9) &= ((9 + 8!) \times 7) + (((6 - (5! \times (4! + 3))) / 2) + 1) \\
 280688 &:= (1 - (2 \times 3!! - 4)) - (5! + (6 - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6) - ((5 \times ((4! - 3!)^2)) + 1) \\
 280689 &:= (1 - ((2 \times (3!! + 4!)) - 5)) - (6 - (7 \times (8! - 9))) &= (9 + 8 \times 7! \times 6) + (5! \times (((4! - 3!)^2) - 1)) \\
 280690 &:= (1 - (2 \times 3!! - (4! - 5!))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!) - (5 + (4! \times (3!^2 + 1))) \\
 280691 &:= (1 - ((2 \times (3!! + 4!)) + 5)) + (6 + (7 \times (8! - 9))) &= (9 \times ((8 + 7!) \times 6)) + (((5! - (4! + 3!))^2) - 1) \\
 280692 &:= (1 - ((2 \times (3!! - 4)) + 5!)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! - 7) \times 6) + (5! \times (((4! - 3!)^2) - 1)) \\
 280693 &:= (((1 \times 2 - (3!! / 4)) \times 5) - 6!) + (7 \times (8! + 9)) &= (9 \times ((8 + 7!) \times 6)) + (((5! - (4! + 3!))^2) + 1) \\
 280694 &:= (1 - (2^{3!} \times 4!)) - (5! / 6 - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + (6 - (5 \times (((4! - 3!)^2) - 1))) \\
 280695 &:= (1 \times 2 - 3!!) + (4 - (5! + (6! - (7 \times 8! + 9)))) &= ((9 + 8! \times 7) - (6! + (5! - (4 - 3!)))) + (2 \times 1) \\
 280696 &:= (1 + 2 \times 3!) \times ((4! \times ((5! \times 6) - 7)) + 8! / 9) &= (((9 + 8!) \times 7) - 6) - (((5 \times 4!) / 3)^2 + 1) \\
 280697 &:= (1 - ((2^{3!} \times 4!) + 5)) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + 6) - ((5! + 4) \times (3! \times 2 + 1)) \\
 280698 &:= 1 \times 2 - (((3!! + 4!) \times 5) - (6^7 + 8! / 9)) &= (((9 + 8!) \times 7) - 6) - (((5 \times 4!) / 3)^2 - 1) \\
 280699 &:= ((1 - 2^{3!}) \times 4!) - (5! / 6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6 - 5!))) - (4 \times (3!! / 2 - 1)) \\
 280700 &:= (1 - (2 \times 3!! - 4)) - (5! - (6 + (7 \times 8! + 9))) &= ((9 + ((8! \times 7) / 6!)) \times 5) \times (4 \times (3!^2 - 1)) \\
 280701 &:= (1 - ((2 \times (3!! + 4!)) - 5)) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6 - 5!)) - ((4! + 3!) \times 2 \times 1) \\
 280702 &:= (1 - (2 \times (3^4 \times 5))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6 - 5!)) - (((4! + 3!) \times 2) - 1) \\
 280703 &:= (1 - ((2^{3!} \times 4!) + 5)) - (6 - (7 \times 8! + 9)) &= (9 \times ((8! - (7 \times 6! - 5)) - 4^{3!})) + (2 \times 1) \\
 280704 &:= (1 - ((2 \times (3!! - 4)) + 5!)) + (6 + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6 - 5!))) + (((4 - 3!!) \times 2) + 1) \\
 280705 &:= (1 - ((2 + 3!) \times (4! - 5!))) - (6^7 \times (8 - 9)) &= 9 - ((8 - ((7! - 6!) \times 5)) \times ((4 + 3) + (2 + 1)!)) \\
 280706 &:= ((1 - (2 \times 3^4)) \times 5) - (6! - (7 \times 8! - 9)) &= 9 - (((8 - ((7! - 6!) \times 5)) \times (4 + 3^2)) - 1) \\
 280707 &:= (1 + ((2 - (3!! + 4!)) \times 5)) + (6^7 + 8! / 9) &= (9 \times ((8! - (7 \times 6! - 5)) - 4^{3!})) + (2 + 1)! \\
 280708 &:= (((1 - 2^{3!}) \times 4!) - 5) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) - (((5 \times 4!) / 3)^2 + 1) \\
 280709 &:= (1 + 2 \times 3!) \times (4! - ((5 \times (6! - (7! - 8))) - 9)) &= (9 \times (8! - (7! - 6))) - (((5! + 4! \times 3)^2) + 1) \\
 280710 &:= (1 - 2 \times (3!! + 4)) - (5! / 6 - (7 \times (8! - 9))) &= ((9 + 8!) \times 7) + (6 - (((5 \times 4!) / 3)^2 - 1)) \\
 280711 &:= ((1 \times 2 + 3!!) - 4!) + (5 + (6^7 + 8 \times 9)) &= (9 \times (8! - (7! - 6))) - (((5! + 4! \times 3)^2) - 1) \\
 280712 &:= (1 - (2 \times 3!! - 4)) - (5 \times 6 - (7 \times (8! - 9))) &= ((9 + (8! \times 7! / 6!)) - 5!) + (4! - (3!! \times 2 + 1)) \\
 280713 &:= (1 - (2^{3!} \times 4!)) + ((5 - 6) + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6! + 5)) - ((4! \times (3!^2)) + 1) \\
 280714 &:= (1 - ((2 \times (3!! - 4!)) + 5!)) - (6 - (7 \times 8! - 9)) &= 9 - (8 + ((7 - 6! / 5) \times (4^{3!} / 2 + 1))) \\
 280715 &:= (1 - ((2^{3!} \times 4!) + 5)) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6! + 5)) - ((4! \times (3!^2)) - 1) \\
 280716 &:= (1 - (2^{3!} \times 4!)) + (5! / 6 + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - (6! / 5 + 4)) - (3!! \times 2 - 1) \\
 280717 &:= ((1 + 2 \times 3!) \times (4 - 5!)) - (6 - (7 \times 8! - 9)) &= (9 \times ((8 + 7!) \times 6)) + ((5^4) \times (3! \times 2 + 1)) \\
 280718 &:= (((1 - 2^{3!}) \times 4!) + 5) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! \times 5)) - (((4! \times 3)^2) + 1) \\
 280719 &:= 1 \times 2 - (3!! + ((4 \times 5 + 6!) - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - (6^5 / 4)) + (3!! / 2 \times 1) \\
 280720 &:= (((1 - 2^{3!}) \times 4!) - 5) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + (6! \times 5)) - (((4! \times 3)^2) - 1) \\
 280721 &:= (1 + 2 \times 3! \times 4) \times (5 + ((6 + 7! / 8) \times 9)) &= (((9 + 8!) \times 7) - (6 \times (5! + 4!))) - (3!! - (2 \times 1))
 \end{aligned}$$

$$\begin{aligned}
 280722 &:= (1 - (2 \times 3!! - 4)) - (5!/6 - (7 \times (8! - 9))) &= ((9 + 8!) \times 7) - 6!/5 + (4 - (3!! \times 2 + 1)) \\
 280723 &:= (((1 + 2)!)! \times (3 \times 4) - 5) + ((6 \times 7! - 8) \times 9) &= ((9 + 8!) \times 7) - 6! + (5 - ((4! \times (3!)^2) + 1)) \\
 280724 &:= (1 - (2 \times (3!! + 4!))) - (5!/6 - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) - 6!/5 + (4 - (3!! \times 2 - 1)) \\
 280725 &:= ((1 + 2) \times (3!! - 4)) - (5 \times 6! - (7 \times (8! - 9))) &= ((9 + 8!) \times 7) - 6! + (5 - ((4! \times (3!)^2) - 1)) \\
 280726 &:= (1 - ((2 \times (3!! - 4!)) + 5!)) + ((6 + 7 \times 8!) - 9) &= ((9 + 8!) \times 7) + (6 - (5! + 4!)) - (3!! \times 2 - 1) \\
 280727 &:= ((1 + 2)!!/3) - (4^5 + (6! - (7 \times 8! - 9))) &= (9 \times (8! - ((7 \times 6^5)/4))) + ((3! + 2!) - 1) \\
 280728 &:= (1 - (2 \times (3!! + 4! + 5))) - (6 - (7 \times 8! - 9)) &= (9 + 8! \times 7) + (((6! \times (5 - 4!))/(3^2)) - 1) \\
 280729 &:= (((1 + 2 \times 3!) \times (4 - 5!)) + 6) + (7 \times 8! - 9) &= (9 \times (8! - ((7 \times 6^5)/4))) + ((3! + 2!) + 1) \\
 280730 &:= (((1 - 2^{3!}) \times 4!) + 5) + ((6 + 7 \times 8!) - 9) &= (9 + 8! \times 7) + (((6! \times (5 - 4!))/(3^2)) + 1) \\
 280731 &:= (1 + (2 \times ((3! - 4 + 5)^6))) + ((7! + 8) \times 9) &= (9 + ((8! + 7) \times 6)) + (5! \times (((4! - 3!)^2) - 1)) \\
 280732 &:= (1 - ((2 \times (3!! - 4!)) + 5!)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - (5! - (((4! - 3!!) \times 2) + 1)) \\
 280733 &:= (1 + (2 \times (3! - (4! \times (5 - (6! + 7!)))))) + 8!/9 &= (9 + 8! \times 7) + (((6! - ((5^4) \times 3!))/2) - 1) \\
 280734 &:= (1 - (2^{3!} \times 4!)) + (5!/6 + (7 \times 8! + 9)) &= ((9 + 8 \times 7!) \times 6) + (5! \times (((4! - 3!)^2) - 1)) \\
 280735 &:= ((1 + 2 \times 3!) \times (4 - 5!)) - (6 - (7 \times 8! + 9)) &= (9 + 8! \times 7) + (((6! - ((5^4) \times 3!))/2) + 1) \\
 280736 &:= (((1 - 2^{3!}) \times 4!) + 5) - (6 - (7 \times 8! + 9)) &= ((9 + (8! \times 7!/6!)) - 5!) + (((4! - 3!!) \times 2) - 1) \\
 280737 &:= ((1 - 2^{3!}) \times 4!) - (((5 - 6) \times 7) \times 8!) - 9 &= ((9 + (8! \times 7!/6!)) - 5!) + ((4! - 3!!) \times 2 \times 1) \\
 280738 &:= (1 - (2 \times (3! \times (4 + 5!)))) - (6 - (7 \times 8! - 9)) &= (9 \times (((8 + 7!) \times 6) - 5)) + ((4^{3!} \times 2) - 1) \\
 280739 &:= ((1 - 2^{3!}) \times 4!) + (5!/6 + 7 \times 8! - 9) &= (9 \times (((8 + 7!) \times 6) - 5)) + (4^{3!} \times 2 \times 1) \\
 280740 &:= (1 - (2 \times (3!! + 4! + 5))) + ((6 + 7 \times 8!) - 9) &= (9 \times (((8 + 7!) \times 6) - 5)) + ((4^{3!} \times 2) + 1) \\
 280741 &:= 1 \times 2 - (3!! + (4 + (5! + (6! - (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7) - (6! + (5! + 4))) - (3!! - (2 \times 1)) \\
 280742 &:= (1 - (2 \times (3!! + 4!))) - (5!/6 - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6 - 5!))) + (((4! - 3!!) \times 2) - 1) \\
 280743 &:= (1 - ((2 \times (3!! + 4!)) - 5)) - (6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6 - 5!))) + ((4! - 3!!) \times 2 \times 1) \\
 280744 &:= (1 + (2 \times (3!^4 \times 5))) - ((6 \times (7! + 8)) + 9) &= (9 + (8! \times 7 + (6 - 5!))) + (((4! - 3!!) \times 2) + 1) \\
 280745 &:= (1 - ((2 \times (3!! + 4!)) + 5)) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) - 6) - ((5 + (4! + 3!!)) \times 2 \times 1) \\
 280746 &:= (1 - (2 \times (3!! + 4! + 5))) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - (((5 + (4! + 3!!)) \times 2) - 1) \\
 280747 &:= (((1 + 2 \times 3!) \times (4 - 5!)) + 6) + (7 \times 8! + 9) &= (9 + 8! \times 7 + 6) - ((5! - 4) \times (3! \times 2 + 1)) \\
 280748 &:= (1 - (2 \times 3!! + 4!)) - (5!/6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6!) + (5! - (((4! + 3!)^2) + 1)) \\
 280749 &:= (1 \times 2 - 3!!) + (4 - (5! + (6! - (7 \times (8! + 9)))))) &= ((9 + 8! \times 7) - (6! - 5!)) - ((4! + 3!)^2 \times 1) \\
 280750 &:= (1 - (2 \times (3! \times (4 + 5!)))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - (6! \times 5)) + (4^{3!}/2 - 1) \\
 280751 &:= (1 - ((2 \times (3!! + 4!)) + 5)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - ((5 + ((4! + 3!!) \times 2)) - 1) \\
 280752 &:= (1 - (2 \times (3!! + (4 \times (5 - 6 \times 7)))))) + (8! - 9) &= (((9 + 8!) \times 7) - (6! \times 5)) + (4^{3!}/2 + 1) \\
 280753 &:= ((1 \times 2 + 3!!) - 4!) + (5! + (6^7 + (8 - 9))) &= ((9 \times (8 + (7! \times 6))) - 5!) + ((4! \times 3!!/2) + 1) \\
 280754 &:= (1 - (2 \times 3!! + 4)) + (5!/6 + (7 \times (8! - 9))) &= (9 + 8! \times 7 + 6) - (((5! + (4 \times 3!!))/2) + 1) \\
 280755 &:= (1 - ((2 \times (3!! + 4!)) - 5)) + ((6 + 7 \times 8!) - 9) &= ((9 + (8! \times 7!/6!)) - 5) - (((4! + 3!!) \times 2) + 1) \\
 280756 &:= (1 - (2 \times (3! \times (4 + 5!)))) - (6 - (7 \times 8! + 9)) &= ((9 + ((8! + 7!)/6)) - (5 - 4!)) \times (3!^2 + 1) \\
 280757 &:= (1 - (2 \times 3!! + 4! + 5)) - (6 - (7 \times 8! - 9)) &= ((9 + (8! \times 7!/6!)) - 5) - (((4! + 3!!) \times 2) - 1) \\
 280758 &:= (1 - (2 \times (3!! + 4! + 5))) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) - (((5 + (4! + 3!!)) \times 2) - 1) \\
 280759 &:= (1 \times 2 - 3!!) + (4 \times 5 - (6! - (7 \times (8! - 9)))) &= (9 + 8! \times 7) + (6! - (5 \times (((4! - 3!)^2) + 1))) \\
 280760 &:= (1 - (2 \times (3!! + (4! - 5)))) + ((6 + 7 \times 8!) - 9) &= 9 - (((8! - ((7! \times 6 - (5! + 4)) \times 3!)) \times 2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 280761 &:= (1 - ((2 \times (3!! + 4!)) - 5)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) + (5! - (4! \times (3!^2 + 1))) \\
 280762 &:= (1 + (2 \times (3!^4 \times 5!))) - ((6 \times (7! + 8)) - 9) &= (((9 + 8!) \times 7) - 6) - (5! - (4! - (3!! \times 2 - 1))) \\
 280763 &:= (1 - ((2 \times (3!! + 4!)) + 5)) + (6 + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) - ((5 \times ((4! - 3!)^2)) + 1) \\
 280764 &:= (1 - 2 \times (3!! + 4)) - (5!/6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) + (((5 - (4! + 3!!)) \times 2) - 1) \\
 280765 &:= ((1 + 2) - (3!! + 4!)) - (5 + 6! - (7 \times 8! - 9)) &= (9 + (8! \times 7 + 6!)) - ((5 \times ((4! - 3!)^2)) - 1) \\
 280766 &:= (1 - (2 \times 3!! + 4!)) - (5!/6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!/5) + (((4! - 3!!) \times 2) - 1) \\
 280767 &:= ((1 - 2^{3!}) \times 4!) + (5 \times 6 + (7 \times 8! + 9)) &= (9 + ((8! \times 7!/6!) + 5)) - (((4! + 3!!) \times 2) - 1) \\
 280768 &:= (1 - (2 \times 3!! + 4)) - (5!/6 - (7 \times 8! - 9)) &= 9 + 8! + (((((7! \times 6 - 5) \times 4) - 3!!) \times 2) - 1) \\
 280769 &:= (1 - (2 \times 3!! + 4! + 5)) + ((6 + 7 \times 8!) - 9) &= (9 + (8! \times 7 + 6!)) - (5 \times (((4! - 3!)^2) - 1)) \\
 280770 &:= (1 - (2 \times (3!! + (4 \times (5 - 6 \times 7!)))) + (8! + 9) &= 9 + 8! + (((((7! \times 6 - 5) \times 4) - 3!!) \times 2) + 1) \\
 280771 &:= ((1 - 2^{3!}) \times 4!) - (5!/6 - (7 \times (8! + 9))) &= (9 + 8! \times 7 + 6) + (5 - (((4! + 3!!) \times 2) + 1)) \\
 280772 &:= (1 - 2 \times 3!!) - (((4! \times 5)/6) - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) - ((5!/4) + (3!! \times 2 + 1)) \\
 280773 &:= (1 - ((2 \times (3!! + 4!)) - 5)) + (6 + (7 \times 8! + 9)) &= (9 \times ((8 + 7!) \times 6)) - (((5 - 4^{3!}) \times 2) + 1) \\
 280774 &:= (1 - (2 \times (3^4 \times 5))) - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6 - 5!)) + (4! - (3!! \times 2 - 1)) \\
 280775 &:= (1 - (2 \times 3!! + 4! + 5)) - (6 - (7 \times 8! + 9)) &= (9 \times ((8 + 7!) \times 6)) - (((5 - 4^{3!}) \times 2) - 1) \\
 280776 &:= (1 - (2 \times 3!! - 4)) - (5!/6 - (7 \times 8! - 9)) &= ((9 + (8! + 7)) \times 6) + (5! \times (((4! - 3!)^2) - 1)) \\
 280777 &:= (1 - ((2 + 3!)! + (4! - (5 \times 6!)))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) + (6! \times 5 - (4! + ((3! + 2)! - 1))) \\
 280778 &:= (1 - (2 \times (3!! + (4! - 5)))) + (6 + (7 \times 8! + 9)) &= (9 \times ((8 + 7!) \times 6)) - (5 - ((4^{3!} \times 2) - 1)) \\
 280779 &:= ((1 - 2^{3!}) \times 4!) + (5! - (6 - (7 \times (8! - 9)))) &= ((9 + (8! \times 7!/6!)) - 5) - (4! + (3!! \times 2 + 1)) \\
 280780 &:= (1 - 2 \times (3!! - 4)) - (5!/6 - (7 \times 8! - 9)) &= (9 \times ((8 + 7!) \times 6)) - (5 - ((4^{3!} \times 2) + 1)) \\
 280781 &:= (1 \times 2 + 3!!) + ((4 + 5!) + (6^7 + (8 - 9))) &= ((9 + (8! \times 7!/6!)) - 5) - (4! + (3!! \times 2 - 1)) \\
 280782 &:= (1 - 2 \times (3!! + 4)) - (5!/6 - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + (((6! \times (5 - 4!))/(3^2)) - 1) \\
 280783 &:= (1 - 2 \times (3!! + 4)) + (((5 - 6) + 7 \times 8!) - 9) &= (9 \times ((8 + 7!) \times (6!/5!))) + ((4^{3!} \times 2) - 1) \\
 280784 &:= ((1 \times 2 + 3!) \times 4^5) + (6 \times ((7! + 8) \times 9)) &= ((9 + 8!) \times 7) + (((6! \times (5 - 4!))/(3^2)) + 1) \\
 280785 &:= (1 + ((2 + 3!) \times 4^5)) + (6 \times ((7! + 8) \times 9)) &= (9 \times ((8 + 7!) \times (6!/5!))) + ((4^{3!} \times 2) + 1) \\
 280786 &:= (1 + 2 \times 3!!) - (4! \times 5! + (6 - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6!) + (5! - ((4! \times (3!^2)) - 1)) \\
 280787 &:= ((1 - ((2 + (3!! + 4)) \times 5)) + 6^7) + 8!/9 &= ((9 + 8!) \times 7) + (((6! - ((5^4) \times 3!))/2) - 1) \\
 280788 &:= (1 - (2 \times 3!! + 4!)) + (5!/6 + 7 \times 8! - 9) &= (9 \times ((8 + 7!) \times 6)) + ((5 + 4^{3!} \times 2) - 1) \\
 280789 &:= (1 - ((2 \times (3!! - 4)) + 5)) - (6 - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) + (((6! - ((5^4) \times 3!))/2) + 1) \\
 280790 &:= ((1 - (2 \times 3! \times 4!)) \times 5) - (6 - (7 \times 8! - 9)) &= (9 \times ((8 + 7!) \times 6)) + (5 + ((4^{3!} \times 2) + 1)) \\
 280791 &:= (1 \times 2 - 3!!) - ((4 \times 5 + 6!) - (7 \times 8! + 9)) &= (9 + ((8! \times 7!/6!) + 5)) - (4! + (3!! \times 2 - 1)) \\
 280792 &:= (1 + 2 \times 3!!) - ((4 \times 5! \times 6) - (7 \times 8! - 9)) &= 9 - (((8 - ((7 \times ((6! + 5!) \times 4!)) - 3!!)) \times 2) + 1) \\
 280793 &:= (1 \times 2 - (3!! \times (4! - 5!))) - ((6 \times (7! - 8!)) + 9) &= (9 \times ((8 + 7!) \times 6)) + (((5 + 4^{3!}) \times 2) - 1) \\
 280794 &:= (1 - (2 \times 3!! - 4)) - (5!/6 - (7 \times 8! + 9)) &= (9 \times ((8 + 7!) \times 6)) + ((5 + 4^{3!}) \times 2 \times 1) \\
 280795 &:= (1 - (2 \times 3!! - 4)) + (((5 - 6) + 7 \times 8!) - 9) &= (9 \times ((8 + 7!) \times 6)) + (((5 + 4^{3!}) \times 2) + 1) \\
 280796 &:= (1 - 2 \times 3!! + 4!) - (5!/6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6 - 5!)) + (((4! - 3!!) \times 2) - 1) \\
 280797 &:= (1 - ((2 \times (3!! - 4!)) - 5)) + (6 + (7 \times (8! - 9))) &= (9 + 8! \times 7 + 6) + (5 - (4! + (3!! \times 2 - 1))) \\
 280798 &:= (1 + 2 \times 3!!) - (4! \times 5! - ((6 + 7 \times 8!) - 9)) &= (9 + ((8! - 7!) \times 6)) + ((5 \times ((4!^3) - 2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 280799 &:= (1 - ((2 \times (3!! - 4)) - 5)) - (6 - (7 \times 8! - 9)) &= (9 \times (8!/7)) + ((6! \times ((5 \times (4^3)) - 2)) - 1) \\
 280800 &:= (1 - (2 \times (3!! + 4! + 5))) - (6 - (7 \times (8! + 9))) &= (9 + ((8! - 7!) \times 6)) + ((5 \times ((4!^3) - 2)) + 1) \\
 280801 &:= (1 - ((2 + 3!)! - 4! \times 5!)) + (6! - ((7! - 8!) \times 9)) &= (9 \times (8!/7)) + ((6! \times ((5 \times (4^3)) - 2)) + 1) \\
 280802 &:= ((1 - (2 \times 3! \times 4!)) \times 5) + ((6 + 7 \times 8!) - 9) &= (9 + (8! \times 7 + 6!)) - ((5! + (4^3!/2)) - 1) \\
 280803 &:= (1 - 2 \times (3!! + 4)) - ((5 - 6) - (7 \times 8! + 9)) &= ((9 + ((8! + 7!) \times 6)) - 5) + (4! \times 3!!/2 - 1) \\
 280804 &:= (1 - 2 \times (3!! + 4)) + (5!/6 + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - (6! - 5!)) - (((4! + 3!)^2) - 1) \\
 280805 &:= (1 - ((2 + 3!)! - (4 + 5 \times 6!))) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7) - 6) - ((5 + ((4! + 3!!) \times 2)) - 1) \\
 280806 &:= (1 - (2 \times 3!! + 4!)) + (5!/6 + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - ((6!/5!) - 4)) - (3!! \times 2 + 1) \\
 280807 &:= ((1 + ((2 - (3!! + 4)) \times 5)) + 6^7) + 8!/9 &= ((9 + 8!) \times 7) + (((6 - (5! + (4 \times 3!!)))/2) + 1) \\
 280808 &:= (1 - (2 \times 3!! + 4)) + (5!/6 + 7 \times 8! - 9) &= (9 + 8! - 7!) + ((6! \times (5 - (4! - 3!!/2))) - 1) \\
 280809 &:= (1 + (2 \times ((3! \times 4) - 5^6))) \times ((7 - 8) \times 9) &= (((9 + 8!) \times 7!/6!) - 5) - (((4! + 3!!) \times 2) + 1) \\
 280810 &:= (1 - (2^{3!} \times 4!)) + (5! - (6 - (7 \times 8! - 9))) &= (9 + 8! - 7!) + ((6! \times (5 - (4! - 3!!/2))) + 1) \\
 280811 &:= (1 - ((2 \times (3!! - 4)) - 5)) + ((6 + 7 \times 8!) - 9) &= (9 \times (8 + (7! \times 6))) - (((5! - (4! \times 3!!))/2) + 1) \\
 280812 &:= 1 + 2 \times 3!! + ((4 \times (5 - 6!)) + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6) - (((5 + (4! + 3!!)) \times 2) - 1) \\
 280813 &:= (1 \times 2 - 3!!) + (4 \times 5 - (6! - (7 \times 8! - 9))) &= ((9 + 8!) \times 7) + (6! - (5 \times (((4! - 3)^2) + 1))) \\
 280814 &:= (1 - 2 \times 3!! + 4!) - (5!/6 - (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + ((5! \times (4! - 3!^2)) - 1) \\
 280815 &:= (1 - ((2 \times (3!! + 4!)) - 5)) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) + (5! - (4! \times (3!^2 + 1))) \\
 280816 &:= (1 - (2 \times 3!! - 4)) + (5!/6 + 7 \times 8! - 9) &= (9 + (8! \times 7 + (6 - (5! \times 4!)))) + (3!! \times 2 + 1) \\
 280817 &:= (1 - ((2 \times (3!! - 4)) - 5)) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) - ((5 \times ((4! - 3)^2)) + 1) \\
 280818 &:= (1 \times 2 - 3!!) - (4! \times 5! - (6^7 + 8!/9)) &= (9 + ((8! - 7!) \times 6)) + ((5 \times (4!^3 + 2)) - 1) \\
 280819 &:= (1 - ((2 \times (3!! - 4)) + 5)) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) - ((5 \times ((4! - 3)^2)) - 1) \\
 280820 &:= (1 - (2 \times (3!! - 4!))) - (5!/6 - (7 \times 8! - 9)) &= (9 + ((8! - 7!) \times 6)) + ((5 \times (4!^3 + 2)) + 1) \\
 280821 &:= ((1 - 2^{3!}) \times 4!) + (5 \times 6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7!/6!) + 5) - (((4! + 3!!) \times 2) - 1) \\
 280822 &:= (1 - (2^{3!} \times 4!)) + (5! + ((6 + 7 \times 8!) - 9)) &= (9 + (8! \times 7 + (6!/5!))) + (((4 - 3!!) \times 2) - 1) \\
 280823 &:= (1 \times 2 - (3!^4 + 5!)) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + 6!) - (5 \times (((4! - 3)^2) - 1)) \\
 280824 &:= ((1 + 2) \times ((3!! \times 4) + 5)) + ((6 \times (7! + 8!)) + 9) &= (((9 + 8!) \times 7) - 6 \times 5) - (((4 + 3!!) \times 2) + 1) \\
 280825 &:= (1 - ((2 + 3!)! - (4! + 5 \times 6!))) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7) + 6) + (5 - (((4! + 3!!) \times 2) + 1)) \\
 280826 &:= (1 - (2 \times 3!! + 4)) + (5!/6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + (((5!/4! - 3!!) \times 2) + 1) \\
 280827 &:= ((1 - (((2 + 3!!) - 4) \times 5)) + 6^7) + 8!/9 &= (((9 + 8!) \times 7) + 6) + (5 - (((4! + 3!!) \times 2) - 1)) \\
 280828 &:= (1 - (2^{3!} \times 4!)) + (5! - (6 - (7 \times 8! + 9))) &= (9 \times (((8 + 7!) \times 6) + 5)) + ((4^3! \times 2) - 1) \\
 280829 &:= (1 - ((2 \times (3!! - 4)) - 5)) + (6 + (7 \times 8! + 9)) &= ((9 + (8! \times 7!/6!)) - 5) + (4! - (3!! \times 2 - 1)) \\
 280830 &:= (1 - 2 \times 3!!) + (((4! \times 5)/6) + (7 \times 8! + 9)) &= (9 \times (((8 + 7!) \times 6) + 5)) + ((4^3! \times 2) + 1) \\
 280831 &:= (1 \times 2 - 3!!) + (4 \times 5 - (6! - (7 \times 8! + 9))) &= 9 - (8 - (((7! \times 6) + 5!)/4) \times (3!^2 + 1)) \\
 280832 &:= (1 - (2 \times (3!! - (4 \times (5 + 6 \times 7!)))) + (8! - 9) &= (((9 + 8!) \times 7) + 6) + (((5 - (4! + 3!!)) \times 2) + 1) \\
 280833 &:= ((1 - 2^{3!}) \times 4!) + (5! - (6 - (7 \times 8! - 9))) &= (9 + ((8! + 7!) \times (6!/5!))) + (4! \times (3!!/2 + 1)) \\
 280834 &:= (1 + (2 \times (3! \times (4 - 5!)))) - (6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) + ((5!/4) - (3!! \times 2 - 1)) \\
 280835 &:= (1 \times 2 - 3!!) + (((4 - 5!) \times 6) + (7 \times 8! + 9)) &= (((9 + (8! + 7!)) \times 6) + 5) + (4! \times (3!!/2 - 1)) \\
 280836 &:= (1 - 2 \times 3!! + 4!) + (5!/6 + 7 \times 8! - 9) &= (9 + (8! \times 7 + (6 \times 5))) - ((4 + 3!! \times 2) - 1) \\
 280837 &:= ((1 + (2 \times (3! + (4 \times 5!)))) + 6^7) - 8 \times 9 &= ((9 + (8! + (7! \times (6!/5!)))) \times 4) - (3!! \times 2 - 1)
 \end{aligned}$$

$$\begin{aligned}
 280838 &:= (1 - (2 \times (3!! - 4!))) - (5!/6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6! - 5!)) - ((4! \times (3!^2)) + 1) \\
 280839 &:= (1 - ((2 \times (3!! - 4!)) - 5)) - (6 - (7 \times 8! - 9)) &= (9 + ((8! \times 7!/6!) + 5)) + (4! - (3!! \times 2 - 1)) \\
 280840 &:= (1 + (2 \times (3!^4 \times 5!))) - ((6 \times (7! - 8)) + 9) &= (((9 + 8!) \times 7) - 6!) + (5! - ((4! \times (3!^2)) - 1)) \\
 280841 &:= (1 - (2 \times 3!! + 4! + 5)) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) - (5 + (4! + (3!! \times 2 - 1))) \\
 280842 &:= (1 - 2 \times (3!! - 4)) - (5 \times 6 - (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6) - (((5 - (4! - 3!!)) \times 2) - 1) \\
 280843 &:= ((1 + 2)!! + 3!!) - ((4 \times (5 + 6!)) - (7 \times (8! + 9))) &= ((9 + 8! - 7!) \times 6) + ((5 \times ((4!^3) - 2)) - 1) \\
 280844 &:= (1 - (2 \times (3!! - (4! + 5)))) - (6 - (7 \times 8! - 9)) &= (9 + (8! + 7!)) - (6! - (((5! \times 4) + 3!)^2) - 1) \\
 280845 &:= ((1 - 2^{3!}) \times 4!) + (5! + ((6 + 7 \times 8!) - 9)) &= ((9 + 8! - 7!) \times 6) + ((5 \times ((4!^3) - 2)) + 1) \\
 280846 &:= (1 + (2 \times (3! \times (4 - 5!)))) + ((6 + 7 \times 8!) - 9) &= (9 + (8! + 7!)) - (6! - (((5! \times 4) + 3!)^2) + 1) \\
 280847 &:= (1 + ((2 - (3!! - 4)) \times 5)) + (6^7 + 8!/9) &= ((9 + 8! \times 7) - 6) - (5 - (((4! - 3!!) \times 2) + 1)) \\
 280848 &:= ((1 + 2^{3!}) \times (4! + 5 \times 6!)) + ((7! - 8) \times 9) &= 9 + 8! + ((((((7! \times 6) + 5) \times 4) - 3!!) \times 2) - 1) \\
 280849 &:= (((1 + 2)!)! \times (3!!/4)) + ((5 \times (6 \times 7! + 8)) + 9) &= (((9 + 8!) \times 7) + 6) + (5 - (4! + (3!! \times 2 + 1))) \\
 280850 &:= (1 - (2 \times (3!! - (4 \times (5 + 6 \times 7!)))) + (8! + 9) &= 9 + 8! + ((((((7! \times 6) + 5) \times 4) - 3!!) \times 2) + 1) \\
 280851 &:= (1 - ((2 \times (3!! - 4!)) - 5)) + ((6 + 7 \times 8!) - 9) &= ((9 + (8! \times 7!/6!)) - 5) + (((4! - 3!!) \times 2) - 1) \\
 280852 &:= (1 + (2 \times (3! \times (4 - 5!)))) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!/5!) + (((4! - 3!!) \times 2) + 1) \\
 280853 &:= 1 \times 2 - (3!^4 + (5 \times 6 - (7 \times (8! - 9)))) &= ((9 + (8! \times 7!/6!)) - 5) + (((4! - 3!!) \times 2) + 1) \\
 280854 &:= (1 - 2 \times 3!! + 4!) + (5!/6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6! - 5!)) - (4^{3!}/2 + 1) \\
 280855 &:= (1 \times 2 - 3!!) - (4 - (5! - (6! - (7 \times (8! - 9)))))) &= ((9 + 8! \times 7) - 6) + ((5 + ((4! - 3!!) \times 2)) - 1) \\
 280856 &:= (1 - (2 \times (3!! - (4! + 5)))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + 6!) - ((5! + (4^{3!}/2)) - 1) \\
 280857 &:= (1 - 2^{3!}) + (4! \times (5^6 + ((7! - 8!)/9))) &= (9 + 8! \times 7 + 6) - (5 - (((4! - 3!!) \times 2) - 1)) \\
 280858 &:= (1 + (2 \times (3!^4 \times 5!))) - ((6 \times (7! - 8)) - 9) &= (((9 + 8!) \times 7) + 6) - (((5!/4! + 3!!) \times 2) + 1) \\
 280859 &:= 1 \times 2 - (((3 \times 4) \times 5!) + (6 - (7 \times (8! + 9)))) &= (9 + 8! \times 7 + 6) - (5 - (((4! - 3!!) \times 2) + 1)) \\
 280860 &:= (1 - (2 \times (3!! - 4!))) + (5!/6 + 7 \times 8! - 9) &= (9 + (8! \times 7 + 6!)) - (((5! + 4^{3!})/2) + 1) \\
 280861 &:= ((1 - 2 \times 3!) \times (4 + 5!)) - (6 - (7 \times 8! - 9)) &= (9 + ((8! \times 7!/6!) + 5)) + (((4! - 3!!) \times 2) - 1) \\
 280862 &:= (1 - (2 \times (3!! - (4! + 5)))) - (6 - (7 \times 8! + 9)) &= ((9 + (8! + 7!)) \times 6) + (((5! - (4! + 3!))^2) - 1) \\
 280863 &:= ((1 + (2 \times 3!^4)) \times 5!) - ((6 \times (7! + 8)) + 9) &= ((9 + 8! - 7!) \times 6) + ((5 \times (4!^3 + 2)) - 1) \\
 280864 &:= (1 + (2 \times (3! \times (4 - 5!)))) + (6 + (7 \times 8! + 9)) &= ((9 + (8! + 7!)) \times 6) + (((5! - (4! + 3!))^2) + 1) \\
 280865 &:= ((1 \times 2 + 3!!) - 4! \times 5!) + (6! + (7 \times (8! + 9))) &= ((9 + 8! - 7!) \times 6) + ((5 \times (4!^3 + 2)) + 1) \\
 280866 &:= 1 \times 2 \times ((3! \times (4 - (5! - 6 \times 7!))) - 8! + 9) &= ((9 \times (8 + (7! \times 6))) - 5) + (4! \times 3!!/2 - 1) \\
 280867 &:= (1 - (2 \times 3!! - 4)) + ((5 - 6) + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6!) - ((5^4) + (3!^2 + 1)) \\
 280868 &:= (1 - (2 \times 3!! - (4 + 5!))) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6) + ((5! \times (4! - 3!^2)) - 1) \\
 280869 &:= (1 + (((2 + 3!)! + (4 - (5! + 6!))) \times 7)) + 8!/9 &= (((9 + 8! \times 7) - 6!) - (5^4)) - (3!^2 - 1) \\
 280870 &:= (1 - ((2 \times (3!! + 4!)) - 5!)) + ((6 + 7 \times 8!) - 9) &= (9 + 8! \times 7) - (((6 \times 5! - (4! + 3!)) \times 2) - 1) \\
 280871 &:= (1 - ((2 \times (3!! - 4)) - 5)) - (6 - (7 \times (8! + 9))) &= (9 \times (8! - (7 \times ((6!/5!)^4))) - (3!!/2 + 1) \\
 280872 &:= (1 - ((2 \times (3!! - 4)) - 5!)) + (6 + (7 \times (8! - 9))) &= 9 + 8! - (((7! - 6!) \times 5) - ((4^{3^2}) - 1)) \\
 280873 &:= ((1 - 2 \times 3!) \times (4 + 5!)) + ((6 + 7 \times 8!) - 9) &= (9 \times (8! - (7 \times ((6!/5!)^4))) - (3!!/2 - 1) \\
 280874 &:= (1 - (2 \times (3!! - (4! + 5)))) + (6 + (7 \times 8! + 9)) &= 9 + 8! - (((7! - 6!) \times 5) - ((4^{3^2}) + 1)) \\
 280875 &:= ((1 + ((2 + 3!)! + (4 - (5! + 6!)))) \times 7) + 8!/9 &= (((9 + 8!) \times 7) + 6) + (5!/4! - (3!! \times 2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 280876 &:= (1 - ((2 \times (3!! + 4!)) - 5!)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6 - 5!)) - (((4! + 3!!) \times 2) - 1) \\
 280877 &:= ((1 - 2 \times 3!) + (4^5 + 6^7)) - 8 \times 9 &= (((9 + 8!) \times 7) - 6) - (5 - (4! - (3!! \times 2 - 1))) \\
 280878 &:= (1 - (2 \times (3!! - 4!))) + (5!/6 + (7 \times 8! + 9)) &= ((9 \times (8 + (7! \times 6))) + 5) + ((4! \times 3!!/2) + 1) \\
 280879 &:= ((1 - 2 \times 3!) \times (4 + 5!)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - ((5! + 4) \times ((3! \times 2) - 1)) \\
 280880 &:= (1 - (2 \times 3!! + 4)) + (5!/6 + (7 \times (8! + 9))) &= (9 \times (8 + (7! \times 6))) + (((5! - (4! + 3)) ^2) - 1) \\
 280881 &:= (1 - 2^{3!}) + ((4^5 + (6 \times (7! - 8))) \times 9) &= (((9 + 8!) \times 7!/6!) - (5 - 4!)) - (3!! \times 2 + 1) \\
 280882 &:= (1 - (2 \times 3!! + (4! - 5!))) - (6 - (7 \times 8! - 9)) &= (9 \times (8 + (7! \times 6))) + (((5! - (4! + 3)) ^2) + 1) \\
 280883 &:= (1 - ((2 \times (3!! - 4)) - 5)) + (6 + (7 \times (8! + 9))) &= (((9 + (8! + 7!)) \times 6) + 5) + (4! \times (3!!/2 + 1)) \\
 280884 &:= (1 - 2 \times 3!!) + (((4! \times 5)/6) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - ((6! - 5) \times 4)) + (3!! \times 2 + 1) \\
 280885 &:= (1 \times 2 - 3!!) + (4 \times 5 - (6! - (7 \times (8! + 9)))) &= (9 + 8! \times 7) + (((((6 - 5!) \times 4!) + 3!)/2) + 1) \\
 280886 &:= (1 - 2 \times (3!! + 4)) + (5 \times 6 + (7 \times (8! + 9))) &= (9 + 8! \times 7 + 6) + (5! - (((4! + 3!!) \times 2) + 1)) \\
 280887 &:= 1 \times 2 - (3 - (4^5 + (6^7 - 8 \times 9))) &= (9 + 8! \times 7 + 6) + (5! - ((4! + 3!!) \times 2 \times 1)) \\
 280888 &:= (1 - ((2 \times (3!! + 4!)) - 5!)) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + (5! - (((4! + 3!!) \times 2) - 1)) \\
 280889 &:= (1 \times 2 - (3!! + (4! - 5!))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) - (5 - (4! - (3!! \times 2 - 1))) \\
 280890 &:= (1 - (2 \times 3!! + 4)) + (5 \times 6 + (7 \times (8! + 9))) &= (9 + (8! + (7! - (6 \times (5! \times 4!)))) \times (3^2 + 1) \\
 280891 &:= ((1 - 2 \times 3!) \times (4 + 5!)) + (6 + (7 \times 8! + 9)) &= ((9 \times (8 + (7! \times 6))) - 5) + (4! \times (3!!/2 + 1)) \\
 280892 &:= (1 - (2 \times (3! + 4^5))) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6!/5!)) + (4! - (3!! \times 2 + 1)) \\
 280893 &:= 1 \times 2 + (3 + (4^5 + (6^7 - 8 \times 9))) &= (9 \times (8 + ((7! \times 6) + 5))) + (4! \times (3!!/2 - 1)) \\
 280894 &:= (1 - (2 \times 3!! + (4! - 5!))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8! \times 7) - 6!) - (5^4)) - (3^2 + 1) \\
 280895 &:= (1 \times 2 - (3!^4 + 5!)) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - (6! - ((5!/4) - 3!))) + (2 \times 1) \\
 280896 &:= ((1 - (2^{3!} \times 4)) \times 5) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6) - (((5 - (4! - 3!)) \times 2) - 1) \\
 280897 &:= (1 + (2^{3!} \times (4 - 5 - 6! + 7!))) + 8!/9 &= (((9 + 8!) \times 7) + 6) + ((5 + 4!) - (3!! \times 2 + 1)) \\
 280898 &:= (1 - (2 \times (3 + 4^5))) + (6! + 7 \times 8! - 9) &= ((9 + 8! \times 7) - (6 - 5!)) - (4! + (3!! \times 2 + 1)) \\
 280899 &:= (1 - ((2 - (3!!/4)) \times 5)) + (6^7 + 8 \times 9) &= (((9 + 8!) \times 7) - 6) - (5 - (((4! - 3!!) \times 2) - 1)) \\
 280900 &:= (1 - (2 \times 3!! + (4! - 5!))) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) + (((5 - 4!) \times (3!^2)) + 1) \\
 280901 &:= ((1 + 2 \times 3!) + (4^5 + 6^7)) - 8 \times 9 &= (((9 + 8!) \times 7) - 6) - (5 - (((4! - 3!!) \times 2) + 1)) \\
 280902 &:= (1 - (2 \times 3!! + 4 - 5!)) - (6 - (7 \times 8! - 9)) &= (9 \times (8! - 7!)) - (((6 + 5!) - 4!) \times (3!!/2 - 1)) \\
 280903 &:= (1 \times 2 - 3!^4) + (5!/6 + (7 \times (8! - 9))) &= (9 \times ((8 + 7!) \times 6)) + ((5! + 4^{3!} \times 2) - 1) \\
 280904 &:= ((1 + 2) - 3!^4) + (5!/6 + (7 \times (8! - 9))) &= (9 + (8! \times 7 + (6!/5))) - (((4! + 3!!) \times 2) + 1) \\
 280905 &:= ((1 - 2^{3!}) \times 4!) + (5! - (6 - (7 \times (8! + 9)))) &= (9 \times ((8 + 7!) \times 6)) + (5! + ((4^{3!} \times 2) + 1)) \\
 280906 &:= (1 - (2 \times 3!! - (4! \times 5))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) - (((5 - (4! - 3!)) \times 2) + 1) \\
 280907 &:= (1 \times 2 - (3!! + (4! - 5!))) - (6! - (7 \times 8! + 9)) &= (9 \times (8 + 7!)) - (6! - (((5! \times 4) + 3!)^2) - 1) \\
 280908 &:= ((1 - (2^{3!} \times 4)) \times 5) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6) - (((5 - (4! - 3!)) \times 2) - 1) \\
 280909 &:= (1 - 2 \times 3!) + (4! \times (5^6 + ((7! - 8!)/9))) &= (9 \times (8 + 7!)) - (6! - (((5! \times 4) + 3!)^2) + 1) \\
 280910 &:= (1 + (2 \times (3 - 4^5))) + (6! + 7 \times 8! - 9) &= (9 + 8! \times 7 + 6) + (5! - (4! + (3!! \times 2 + 1))) \\
 280911 &:= (((1 + 2^{3!}) \times (4! + 5 \times 6!)) + 7!) + (8! - 9) &= (((9 + 8!) \times 7) + 6) - (5 - (((4! - 3!!) \times 2) - 1)) \\
 280912 &:= (1 - (2 \times 3!! + (4! - 5!))) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + (5! - (4! + (3!! \times 2 - 1))) \\
 280913 &:= (1 \times 2 - 3!^4) + (5 \times 6 + (7 \times (8! - 9))) &= ((9 + (8! + 7!)) \times 6) + (((5! + 4! \times 3!!)/2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 280914 &:= (1 - ((2 \times (3!! - 4)) - 5!)) - (6 - (7 \times 8! - 9)) &= (((9 + 8! \times 7) - 6!) - (5^4)) + 3^2 + 1 \\
 280915 &:= ((1 + 2) + (((3 \times 4)^5) + 6!)) + (7 \times 8!/9) &= (9 + (8! \times 7 + 6!)) - (5 + (4^{3!}/2 + 1)) \\
 280916 &:= (1 + (2 \times (3! - 4^5))) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6!) - (((5! + 4^{3!})/2) - 1) \\
 280917 &:= ((1 - 2^{3!}) \times 4!) + (5! + (6 + (7 \times (8! + 9)))) &= (9 + (8! \times 7 + 6!)) - ((5 + (4^{3!}/2)) - 1) \\
 280918 &:= (1 - (2 \times 3!! - (4! \times 5))) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) - ((6!/5!)^4)) - (3!^2 - 1) \\
 280919 &:= (1 \times 2 - ((3! + 4) \times (5! + 6))) + (7 \times (8! - 9)) &= 9 - (8 - (((7 + 6) \times ((5! + (4! + 3))^2)) + 1)) \\
 280920 &:= ((1 + (2 \times (3! + 4!))) \times (5! - 6!)) - ((7! - 8!) \times 9) &= (9 + (8! \times 7 + (6 \times 5!))) - (4^{3!}/2 + 1) \\
 280921 &:= ((1 + (2 \times 3!^4)) \times 5!) - (6 \times 7! + (8 - 9)) &= (((9 + 8!) \times 7) - 6!) - ((5^4) + (3!^2 + 1)) \\
 280922 &:= (1 - (2 \times 3!! - (4 + 5!))) + ((6 + 7 \times 8!) - 9) &= (9 + (8! \times 7 + (6 \times 5!))) - (4^{3!}/2 - 1) \\
 280923 &:= (1 - ((2 \times (3!! - 4!)) - 5)) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) - (5^4) - (3!^2 - 1) \\
 280924 &:= (1 - (2 \times 3!! - (4! \times 5))) - (6 - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - (((6 \times 5! - (4! + 3!)) \times 2) - 1) \\
 280925 &:= 1 \times 2 + (3 + (4! \times (5^6 + ((7! - 8!)/9)))) &= (9 + (8! \times 7 + (6! + 5!))) - (4^{3!}/2 + 1) \\
 280926 &:= (1 - ((2 \times (3!! - 4)) - 5!)) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + 6) + (((5 + 4!) - 3!) \times 2) - 1) \\
 280927 &:= 1 \times 2 - (3!! + (4 - (5! - (6! - (7 \times 8! + 9)))))) &= (9 + (8! \times 7 + 6!)) + (5 - (4^{3!}/2 - 1)) \\
 280928 &:= (1 + (2 \times (3 - 4^5))) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6 - 5!)) - (((4! + 3!)) \times 2) + 1) \\
 280929 &:= (1 - ((2 \times (3!! + 4^5)) - 6^7)) + 8!/9 &= 9 + 8! - (7 \times 6! - (5! \times (4^{3!}/2 - 1))) \\
 280930 &:= (1 - 2 \times 3!! + 4!) + (5! - (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - (6 - 5!)) - (((4! + 3!)) \times 2) - 1) \\
 280931 &:= 1 \times 2 - (3!! - ((4! \times 5) - (6! - (7 \times 8! + 9)))) &= (9 \times (8 + (7! \times 6))) + (((5! + 4! \times 3!)/2) - 1) \\
 280932 &:= 1 \times (((2 - 3!) \times (((4! - 5!) \times 6!) + 7)) + 8!/9) &= (9 + 8! \times 7 + 6) + (5! - ((4 + 3!! \times 2) - 1)) \\
 280933 &:= (1 - 2 \times 3!) + ((4^5 + (6 \times (7! - 8))) \times 9) &= (9 \times (8 + (7! \times 6))) + (((5! + 4! \times 3!)/2) + 1) \\
 280934 &:= (1 + (2 \times (3! - 4^5))) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7!/6!) + 5!) - (((4! + 3!)) \times 2) + 1) \\
 280935 &:= (1 \times 2 - 3!^4) - (5!/6 - (7 \times 8! + 9)) &= (9 + 8! - 7!) + (6 + (5! \times (4^{3!}/2 - 1))) \\
 280936 &:= (1 + 2 \times 3!!) - ((4! \times (5! - 6)) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7!/6!) + 5!) - (((4! + 3!)) \times 2) - 1) \\
 280937 &:= (1 \times 2 - (3!! - (4! + 5!))) - (6! - (7 \times 8! - 9)) &= (9 + ((8! \times 7!/6!) + 5!)) + ((4 - 3!!) \times 2 \times 1) \\
 280938 &:= ((1 \times 2 - ((3!! - 4!) \times 5)) + 6^7) + 8!/9 &= (9 + 8! \times 7 + 6) + (5! + (4 - (3!! \times 2 + 1))) \\
 280939 &:= (1 - ((2 + 3!!) \times (4! - 5!))) - (6 \times (7! - 8! + 9)) &= (((9 + 8! \times 7) - 6!) - (5^4)) + (3!^2 - 1) \\
 280940 &:= ((1 - 2 \times 3!) \times 4) \times (5 - (6! + ((7!/8) \times 9))) &= (((9 + 8!) \times 7) + 6) + (5! - (((4! + 3!)) \times 2) + 1)) \\
 280941 &:= (1 + 2) - (3! - ((4^5 + (6 \times (7! - 8))) \times 9)) &= (((9 + 8! \times 7) - 6!) - (5^4)) + 3!^2 + 1) \\
 280942 &:= (1 - 2 \times 3!! + 4!) + (5! + ((6 + 7 \times 8!) - 9)) &= (((9 + 8!) \times 7) + 6) + (5! - (((4! + 3!)) \times 2) - 1)) \\
 280943 &:= 1 \times 2 - (3 - ((4^5 + (6 \times (7! - 8))) \times 9)) &= ((9 + 8! \times 7) - ((6!/5!)^4)) - (3^2 + 1) \\
 280944 &:= (1 - ((2 \times (3!! - 4)) - 5!)) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + (5! + (((4 - 3!!) \times 2) + 1)) \\
 280945 &:= (1 + (2^{3!} \times (4! + 5!))) + (6 \times ((7! - 8) \times 9)) &= (((9 + 8!) \times 7) + 6) - ((5! + 4) \times ((3! \times 2) - 1)) \\
 280946 &:= ((1 \times 2 - (3!! - 4!)) \times 5) + (6^7 + 8!/9) &= ((9 + 8! \times 7) - (6 - 5!)) + (4! - (3!! \times 2 + 1)) \\
 280947 &:= (1 + ((2 - (3!! - 4!)) \times 5)) + (6^7 + 8!/9) &= (((9 + 8!) \times 7) - 6!) - ((5^4) + ((3! \times 2) - 1)) \\
 280948 &:= (1 - 2 \times 3!! + 4!) + (5! - (6 - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6!) - (5^4) - (3^2 + 1) \\
 280949 &:= (1 - (2 \times (3! - (4! \times ((5! \times 6) + 7)))) + 8!/9 &= ((9 + 8! \times 7) - (6! + 5)) - ((4! \times (3! - 2)! - 1) \\
 280950 &:= ((1 - (2^{3!} \times 4)) \times 5) - (6 - (7 \times 8! - 9)) &= (((9 + (8! + 7!)) \times 6) + 5!) + (4! \times (3!!/2 - 1)) \\
 280951 &:= ((1 \times 2 + 3!)! + 4^5) + (6^7 - 8! - 9) &= (9 + 8! \times 7) + ((6 - (5! + 4)) \times ((3! \times 2) - 1))
 \end{aligned}$$

$$\begin{aligned}
 280952 &:= ((1 - (2 + 3!))! + (4^5 + 6^7)) + (8! - 9) &= (9 + (8! \times 7 + ((6 - 5!) \times 4!))) + 3!! \times 2 - 1 \\
 280953 &:= (1 + 2^{3!}) + (4^5 + (6^7 - 8 \times 9)) &= (9 - ((8! + 7 \times 6!)/5)) \times (4 - (3!^2 - 1)) \\
 280954 &:= (1 + ((2 - 3!) \times ((4! - 5!) \times 6!))) - (7 - 8!/9) &= (9 + ((8! \times 7!/6!) + (5! + 4!))) - (3!! \times 2 - 1) \\
 280955 &:= (1 - (2 \times (3 - (4! \times ((5! \times 6) + 7!)))) + 8!/9 &= ((9 + 8! \times 7) - ((6^5 - 4!)/3!)) - 2 \times 1 \\
 280956 &:= (1 \times 2 - (3!^4 + 5)) + (6 + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6!/5 + 4))) - (3!! \times 2 + 1) \\
 280957 &:= 1 + 2 \times 3! + ((4^5 + (6 \times (7! - 8))) \times 9) &= (9 + (8! \times 7 + (6!/5))) - (4 \times (3!!/2 - 1)) \\
 280958 &:= ((1 + 2 \times 3!!) \times (((4! + 5) \times 6) - 7)) + (8! - 9) &= (((9 + 8!) \times 7) + (6!/5)) - (((4! + 3!!) \times 2) + 1) \\
 280959 &:= ((1 + (2 \times 3!^4)) \times 5!) - ((6 \times (7! - 8)) + 9) &= (((9 + 8!) \times 7) + 6!) - ((5^4) + (3!! \times 2 - 1)) \\
 280960 &:= ((1 + ((2^{3!} \times 4) + 5!)) \times 6!) + (7! + 8!/9) &= (((9 + 8!) \times 7) + (6!/5)) - (((4! + 3!!) \times 2) - 1) \\
 280961 &:= (1 \times 2 - (3!! + (4! - 5!))) - (6! - (7 \times (8! + 9))) &= (9 + (8! \times 7 + (6!/5))) + ((4 - 3!!) \times 2 \times 1) \\
 280962 &:= ((1 - (2^{3!} \times 4)) \times 5) + ((6 + 7 \times 8!) - 9) &= (9 + (8! \times 7 + (6!/5))) + (((4 - 3!!) \times 2) + 1) \\
 280963 &:= ((1 + 2) - ((3!! \times 4!)/5)) + (6^7 + 8!/9) &= ((9 + 8! \times 7) - ((6!/5!)^4)) + 3^2 + 1 \\
 280964 &:= (1 - (2 \times (3!! + 4 - 5!))) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6) + (5! - (4! + (3!! \times 2 + 1))) \\
 280965 &:= (1 + (2^{3!+4})) + (5 + (6^7 + (8 - 9))) &= 9 + 8! - (7! - (6 \times ((5^4) + ((3! + 2)! + 1))) \\
 280966 &:= (1 + (2 \times (3! + 4!))) \times (5! + (6 + (7! \times 8/9))) &= 9 + 8! + ((7 + 6!) \times ((5 \times ((4^3) + 2)) + 1)) \\
 280967 &:= (1 \times 2 - 3!^4) + ((5 \times 6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) - (6! + 5!)) - (((4! - 3!)^2) + 1) \\
 280968 &:= (1 + ((2 - 3!) \times ((4! - 5!) \times 6!))) + (7 + 8!/9) &= (((9 + 8!) \times 7) - 6!) - (5^4) + 3^2 + 1 \\
 280969 &:= (1 + ((2 + (3 \times 4!)) \times 5!)) + ((6 \times 7! - 8) \times 9) &= ((9 + 8! \times 7) - 6!) - ((5! + ((4! - 3!)^2)) - 1) \\
 280970 &:= ((1 + (2 + 3!))! + 4^5) + (6^7 - 8! + 9) &= (((9 + 8!) \times 7) - ((6!/5!)^4)) - (3!^2 + 1) \\
 280971 &:= (1 + 2)^3 + ((4^5 + (6 \times (7! - 8))) \times 9) &= (((9 + 8!) \times 7) + 6!) - ((5 + (4^{3!}/2)) - 1) \\
 280972 &:= (1 - ((2 \times (3!! - 4!)) - 5!)) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - ((6!/5!)^4)) - (3!^2 - 1) \\
 280973 &:= (1 \times 2 - ((3! + 4) \times (5! + 6))) + (7 \times 8! - 9) &= (((9 + (8! + 7!)) \times 6) + 5!) + (4! \times 3!!/2 - 1) \\
 280974 &:= (1 - (2 \times 3!! + 4 - 5!)) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6 \times 5!)) - (4^{3!}/2 + 1) \\
 280975 &:= (1 + (2 \times (((3 \times 4!) + 5!) \times 6!) + 7))) + 8!/9 &= (((9 + (8! + 7!)) \times 6) + 5!) + ((4! \times 3!!/2) + 1) \\
 280976 &:= (1 - (2 \times (3!! + 4 - 5!))) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6 \times 5!)) - (4^{3!}/2 - 1) \\
 280977 &:= ((1 + (2 \times 3!^4)) \times 5!) - ((6 \times (7! - 8)) - 9) &= (9 + ((8! \times 7!/6!) + 5!)) + ((4! - 3!!) \times 2 \times 1) \\
 280978 &:= (1 - (2 \times (3!! + (4! - 5!)))) - (6 - (7 \times 8! - 9)) &= (9 + ((8! \times 7!/6!) + 5!)) + (((4! - 3!!) \times 2) + 1) \\
 280979 &:= (1 \times 2 - 3!!) - ((4! \times (5!/6)) - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6! + 5)) - (4^{3!}/2 + 1) \\
 280980 &:= ((1 - (2^{3!} \times 4)) \times 5) + (6 + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + (((5! - 4^{3!})/2) - 1) \\
 280981 &:= 1 \times 2 - (3!! + (4 - (5! - (6! - (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7) + 6!) + (5 - (4^{3!}/2 - 1)) \\
 280982 &:= (1 + (2 \times (3 - 4^5))) + (6! + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6) - (((5^4) + 3!) \times 2) - 1) \\
 280983 &:= ((1 + 2)! - 3!!) - ((4! \times (5!/6)) - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6!) - (5^4) + ((3! - 2)! + 1) \\
 280984 &:= (1 - ((2 + 3!!) \times (4! - 5!))) - ((6 \times (7! - 8!)) + 9) &= ((9 + 8! \times 7) - 6) - (((5! \times (4! - 3!))/2) - 1) \\
 280985 &:= (1 + 2^{3!}) + (4! \times (5^6 + ((7! - 8!)/9))) &= (((9 + 8!) \times 7) - (6! - (5! + (4 - 3!)))) - 2 \times 1 \\
 280986 &:= (1 - (2^{3!} + (4 \times 5!))) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - (((5^4) + 3) \times 2) + 1) \\
 280987 &:= (1 + ((2 + (3 \times 4!)) \times 5!)) + (6 \times (7! + 8! - 9)) &= (((9 + 8!) \times 7!/6!) + 5!) - (4 \times (3!!/2 - 1)) \\
 280988 &:= (1 + (2 \times (3! - 4^5))) + (6! + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6) - (((5^4) + 3) \times 2) - 1) \\
 280989 &:= (1 + ((2 - 3!) \times (((4! - 5!) \times 6!) - 7))) + 8!/9 &= ((9 + 8! \times 7) - ((6! \times 5)/4)) - (3!!/2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 280990 &:= (1 - (2 \times (3!! + (4! - 5!)))) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) - ((6!/5!)^4)) + 3!^2 + 1 \\
 280991 &:= (1 \times 2 - ((3! + 4) \times (5! + 6))) + (7 \times 8! + 9) &= (9 \times ((8 + 7!) \times 6)) + ((5! \times ((4! \times 3) - 2)) - 1) \\
 280992 &:= ((1 + 2^{3!}) \times (4! + 5 \times 6!)) + ((7! + 8) \times 9) &= ((9 + 8! \times 7) - 6) - (((5^{4!/3!}) \times 2) + 1) \\
 280993 &:= (1 - ((2 - 3 \times 4!) \times 5!)) + (6 \times ((7! + 8) \times 9)) &= (9 \times ((8 + 7!) \times 6)) + ((5! \times ((4! \times 3) - 2)) + 1) \\
 280994 &:= (1 - ((2 - 3!) \times (4 - 5!))) - (6! - (7 \times (8! - 9))) &= (9 + 8! \times 7) + (6 - (((5^4) + 3!) \times 2) - 1) \\
 280995 &:= (((1 + 2)!)! \times (3!!/4)) + (5 \times ((6 \times (7! + 8)) - 9)) &= (((9 + 8!) \times 7) - 6!) - ((5^4) - 3!^2) + 1 \\
 280996 &:= (1 - (2 \times (3!! + (4! - 5!)))) - (6 - (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) - ((5! \times (4! - 3))/2) - 1) \\
 280997 &:= ((1 + ((2 + 3!)!/4!)) \times 5) + (6 \times ((7! + 8) \times 9)) &= (((9 + 8!) \times 7) - ((6!/5!)^4)) - (3^2 + 1) \\
 280998 &:= (1 - ((2 \times (3!! - 4) - 5!)) + (6 + (7 \times (8! + 9)))) &= ((9 + 8! \times 7) - 6) - (((5^4) - 3) \times 2) + 1) \\
 280999 &:= ((1 + 2) - (3!^4 + 5)) - (6 - (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6!) - (((5 \times 4) + 3)^2) + 1) \\
 281000 &:= (1 \times 2 + 3!) \times ((4 + 5!) + ((6^7/8) + 9)) &= ((9 + 8! \times 7) - 6) - (((5^4) - 3) \times 2) - 1)
 \end{aligned}$$

2.1.2 Numbers From 281001 to 282000

$$\begin{aligned}
 281001 &:= ((1 + ((2 + 3!) \times (4 + 5!))) + 6^7) + 8 \times 9 &= (((9 + 8!) \times 7) - (6! + 5)) - ((4! \times (3! - 2)!) + 1) \\
 281002 &:= (1 - ((2 + 3!!) \times (4! - 5!))) - ((6 \times (7! - 8!)) - 9) &= ((9 + 8! \times 7) - 6!) - (((5! + 4! \times 3!) \times 2) - 1) \\
 281003 &:= 1 - (2 + (3!! + (4 \times (5! - (6 \times 7! + 8! - 9)))))) &= (((9 + 8!) \times 7) - (6! + 5)) - ((4! \times (3! - 2)!) - 1) \\
 281004 &:= (((1 + 2)^3) - (4 \times 5!)) - (6! - (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6) - (((5^4) - 3!) \times 2) + 1) \\
 281005 &:= (((1 + 2)!)! - (3 \times (4 - 5!))) + 6^7 - 8 + 9 &= ((9 + 8!) \times 7) + ((6 - (5! + 4)) \times ((3! \times 2) - 1)) \\
 281006 &:= 1 \times (2 - (3!! + (4 \times (5! - (6 \times 7! + 8! - 9)))))) &= (9 + 8! \times 7) - ((6 + (((5^4) - 3!) \times 2)) - 1) \\
 281007 &:= 1 + (2 - (3!! + (4 \times (5! - (6 \times 7! + 8! - 9)))))) &= (9 + 8! \times 7 + 6) - ((5! - 4!) \times (3! \times 2 + 1)) \\
 281008 &:= (1 - (2 \times (3!! + (4! - 5!)))) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7) - (((6! - (5! - (4! - 3))) \times 2) - 1) \\
 281009 &:= (1 + 2^{3!}) + ((4^5 + (6 \times (7! - 8))) \times 9) &= (((9 + 8!) \times 7) - ((6^5 - 4!)/3!)) - 2 \times 1) \\
 281010 &:= 1 \times 2 \times (3!! + ((4! \times (5! + ((6! - 7) \times 8))) + 9)) &= (9 + 8! \times 7 + 6) - (((5^4) - 3) \times 2) + 1) \\
 281011 &:= 1 - (2 \times (((3! - (4! \times (5 + (6! + 7)))) \times 8) - 9)) &= (((9 + 8!) \times 7) + (6!/5)) - (4 \times (3!!/2 - 1)) \\
 281012 &:= 1 - ((2 \times (3! + (4 - (5! - 6!)))) - (7 \times 8! - 9)) &= (9 + 8! \times 7 + 6) - (((5^4) - 3) \times 2) - 1) \\
 281013 &:= 1 - (((2 - 3^4) \times ((5 \times (6! - 7)) - 8)) - 9) &= (((9 + 8!) \times 7) - 6! + 5) - ((4! \times (3! - 2)!) - 1) \\
 281014 &:= 1 + ((2 \times ((3! \times (4! - 5!)) - 6)) + (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6!) - (((5! \times 4) + 3!^2) - 1) \\
 281015 &:= (1 + 2 \times 3! \times 4) \times (((5 + 6! - 7) \times 8) - 9) &= (((9 + 8!) \times 7) + (6!/5)) + ((4 - 3!!) \times 2 \times 1) \\
 281016 &:= (1 \times 2 + 3!) \times (((4! + 5!) + (6^7/8)) - 9) &= (9 + 8! \times 7 + 6) - (((5^4) - 3!) \times 2) + 1) \\
 281017 &:= ((1 + ((2 + 3!) \times (4! + 5!))) + 6^7) - 8 \times 9 &= (((9 + 8!) \times 7) - ((6!/5!)^4)) + 3^2 + 1) \\
 281018 &:= (1 - (2 \times (3!! + 4 - 5!))) - (6 - (7 \times 8! - 9)) &= (9 + 8! \times 7 + 6) - (((5^4) - 3!) \times 2) - 1) \\
 281019 &:= 1 \times ((2 \times (3! \times (4! - 5!))) - (6 - (7 \times (8! - 9)))) &= 9 + 8! - (7! - ((6 \times 5) \times ((4^{3!} \times 2) - 1))) \\
 281020 &:= (1 - (2 \times 3! + (4 \times 5!))) - (6! - (7 \times 8! - 9)) &= (9 + (8! \times 7 + ((6! + 5!)/4))) - (3!! \times 2 - 1) \\
 281021 &:= ((1 - 2 \times 3!) + (4^5 + 6^7)) + 8 \times 9 &= (((9 + 8!) \times 7) - (6! + 5!)) - (((4! - 3)^2) + 1) \\
 281022 &:= ((1 - (2^{3!} \times 4)) \times 5) - (6 - (7 \times (8! + 9))) &= (9 + 8! \times 7) + (((6 - ((5^4) - 3!)) \times 2) - 1) \\
 281023 &:= ((1 \times 2^{3!}) + (4^5 + 6^7)) + (8 - 9) &= (((9 + 8!) \times 7) - 6!) - ((5! + ((4! - 3)^2)) - 1) \\
 281024 &:= (1 \times 2^{3!}) \times (4 - 5 - (6! - (7! + 8 \times 9))) &= (((9 + 8!) \times 7) - (6 - 5!)) + (((4! - 3!!) \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 281025 &:= (1 - (2^{3 \times 4})) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 \times ((8 + 7!) \times 6)) + (((5! + 4^{3!}) \times 2) + 1) \\
 281026 &:= (1 - ((2 \times (3!! - 4!)) - 5!)) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - (6 - 5!)) + (((4! - 3!!) \times 2) + 1) \\
 281027 &:= (1 \times 2 - (3!! + (4 \times 5!))) - (6 - (7 \times 8! - 9)) &= ((9 + 8!) \times 7! / 6!) - ((5! - 4) \times ((3! \times 2) - 1)) \\
 281028 &:= (1 - (2^{3!+4})) - (5! + (6 - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + 6) - ((5 \times (4^{3!-2})) + 1) \\
 281029 &:= (1 \times 2 - 3!^4) + (5! / 6 + (7 \times (8! + 9))) &= ((9 + 8!) \times 7) - ((6 + ((5^4) + 3!)) \times 2 \times 1) \\
 281030 &:= (1 - (2 \times (3!! + 4 - 5!))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7! / 6!) + 5!) + (((4! - 3!!) \times 2) - 1) \\
 281031 &:= 1 \times 2 - (3 - (4^5 + (6^7 + 8 \times 9))) &= (((9 + 8!) \times 7! / 6!) + 5!) + ((4! - 3!!) \times 2 \times 1) \\
 281032 &:= (1 + ((2 + (3 \times 4!)) \times 5!)) + ((6 \times (7! + 8!)) - 9) &= (((9 + 8!) \times 7! / 6!) + 5!) + (((4! - 3!!) \times 2) + 1) \\
 281033 &:= (1 \times 2 - 3!!) - ((4! \times (5! / 6)) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) - ((5! - 4) \times ((3! \times 2) - 1)) \\
 281034 &:= (1 - (2 \times (3!! - (4 + 5!)))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) + (((5! - 4^{3!}) / 2) - 1) \\
 281035 &:= (1 + 2)! - (3 - (4^5 + (6^7 + 8 \times 9))) &= ((9 + 8!) \times 7) - (6 + (((5^4) + 3!) \times 2 \times 1)) \\
 281036 &:= (1 - (2 \times (3!! + 4 - 5!))) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6) - (((5^4) + 3!) \times 2) - 1) \\
 281037 &:= 1 \times 2 + (3 + (4^5 + (6^7 + 8 \times 9))) &= (((9 + 8!) \times 7) + 6 + 5!) + ((4! - 3!!) \times 2 \times 1) \\
 281038 &:= (1 - (2 \times 3! + (4 \times 5!))) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6) - (((5! \times (4! - 3)) / 2) - 1) \\
 281039 &:= ((1 \times 2 + 3!) - (4 \times 5!)) - (6! - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) - 6! - ((5! \times 4) + (3^2 + 1)) \\
 281040 &:= (1 - (2^{3!+4})) - (5! - (6 + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6) - (((5^4) + 3) \times 2) + 1) \\
 281041 &:= 1 \times 2^{3!} - (4 \times 5! + (6! - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6) - (((5^4) + 3) \times 2 \times 1) \\
 281042 &:= (1 - 2 \times 3!!) + (4^5 - (6! - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6) - (((5^4) + 3) \times 2) - 1) \\
 281043 &:= (1 - (2 \times (3!! + 4!))) \times (((5 \times 6! - 7!) / 8) - 9) &= (9 + 8! - 7!) + (6 \times ((5 \times 4^{3!} \times 2) - 1)) \\
 281044 &:= ((1 + 2 \times 3!) - (4 \times 5!)) - (6! - (7 \times 8! - 9)) &= (9 + 8! - 7!) - (6 - ((5! \times (4^{3!} / 2)) + 1)) \\
 281045 &:= (1 \times 2 - (3!! + (4 \times 5!))) - (6 - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + (((6 - (5! \times (4! - 3))) / 2) - 1) \\
 281046 &:= (1 - (2 \times (3!! - (4 + 5!)))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6) - (((5^{4! / 3!}) \times 2) + 1) \\
 281047 &:= (1 - ((2 + 3!!) \times (4! - 5!))) - (6 \times (7! - 8! - 9)) &= ((9 + 8! - 7!) \times 6) + (((5! - 4!) \times (3!! + 2)) + 1) \\
 281048 &:= (1 - ((2 - 3!) \times (4 - 5!))) - (6! - (7 \times 8! - 9)) &= (9 + ((8! + 7!) \times 6)) + ((5! \times ((4! \times 3) + 2)) - 1) \\
 281049 &:= 1 - ((2 + 3!) \times (((4 \times 5 + 6!) \times 7) - 8! + 9)) &= (((9 + 8!) \times 7) - 6) - ((5! - 4!) \times (3! \times 2 + 1)) \\
 281050 &:= (1 + ((2 + (3 \times 4!)) \times 5!)) + ((6 \times (7! + 8!)) + 9) &= (9 + ((8! + 7!) \times 6)) + ((5! \times ((4! \times 3) + 2)) + 1) \\
 281051 &:= 1 \times (2 + (((3! - 4) \times (5! - 6!)) + (7 \times 8! + 9))) &= 9 \times 8 - ((7 \times (((6 \times 5!) / 4) - (3! + 2)!)) + 1) \\
 281052 &:= 1 + (2 + (((3! - 4) \times (5! - 6!)) + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6) - (((5^4) - 3) \times 2) + 1) \\
 281053 &:= (((((1 + 2)!^3) + 4) \times 5) + 6^7) + (8 + 9) &= 9 \times 8 - ((7 \times (((6 \times 5!) / 4) - (3! + 2)!)) - 1) \\
 281054 &:= 1 \times 2 - (((3! - 4!) \times (5^6 - 7)) + 8 \times 9) &= (((9 + 8!) \times 7) - 6) - (((5^4) - 3) \times 2) - 1) \\
 281055 &:= (((((1 + 2)^3) + 4!) \times (5 - 6!)) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7) - ((6 \times (5^4)) / 3)) + (2 \times 1) \\
 281056 &:= (1 - (2 \times (3^4 + 5!))) - (6! - (7 \times (8! - 9))) &= (9 + 8! - 7!) + (6 + ((5! \times (4^{3!} / 2)) + 1)) \\
 281057 &:= ((1 + ((2 - (3! + 4!)) \times 5!)) + 6^7) + 8! / 9 &= 9 - (8 \times (7! + (6 + (5! + (4! - ((3! + 2)! + 1)))))) \\
 281058 &:= (((1 + 2)^3) - (4 \times 5!)) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6) - (((5^4) - 3!) \times 2) + 1) \\
 281059 &:= (((1 + 2)^3) + (4^5 + 6^7)) + 8 \times 9 &= ((9 + 8! \times 7) - 6!) - ((5! \times 4) - (3^2 + 1)) \\
 281060 &:= (((((1 + 2)!^3) + 4) / 5) + (6 \times ((7! - 8) \times 9)) &= ((9 + 8!) \times 7) - ((6 + (((5^4) - 3!) \times 2)) - 1) \\
 281061 &:= (1 + (2 \times ((3! + 4) - 5^6))) \times ((7 - 8) \times 9) &= (((9 + 8!) \times 7) + 6) - ((5! - 4!) \times (3! \times 2 + 1)) \\
 281062 &:= ((1 + 2 \times 3!) - (4 \times 5!)) - (6! - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - (((6! - (5! - (4! - 3))) \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 281063 &:= ((1 + ((2 - 3^4) \times 5)) - 6!) + (7 \times (8! - 9)) &= (((9 \times 8) + 7) \times (6! \times 5 - 4!)) - (3!! \times 2 + 1) \\
 281064 &:= (1 + 2 \times 3! \times 4) \times (5! - ((6 - 7!/8) \times 9)) &= (((9 + 8!) \times 7) + 6) - (((5^4) - 3) \times 2) + 1 \\
 281065 &:= (1 + (((2 + 3!)! - 4^5) \times 6)) + ((7! - 8) \times 9) &= (((9 \times 8) + 7) \times (6! \times 5 - 4!)) - (3!! \times 2 - 1) \\
 281066 &:= (1 - ((2 - 3!) \times (4 - 5!))) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6) - (((5^4) - 3) \times 2) - 1 \\
 281067 &:= 1 \times ((2 \times (3! - (4! - (5! - 6!)))) + (7 \times (8! + 9))) &= (9 + (((8! \times 7) - (6! + (5! \times 4)))/3)) \times (2 + 1) \\
 281068 &:= 1 + ((2 \times (3! - (4! - (5! - 6!)))) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) - (((5! \times 4) + 3!^2) - 1) \\
 281069 &:= (1 \times 2 - (3!^4 - 5!)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) - ((5 \times 4) \times ((3! - 2)! - 1)) \\
 281070 &:= (((1 + (2 + 3!)!) - 4^5) \times 6) + ((7! - 8) \times 9) &= (((9 + 8!) \times 7) + 6) - (((5^4) - 3!) \times 2) + 1 \\
 281071 &:= ((1 + 2) \times 3!! - (4^5 - 6^7)) + (8 - 9) &= ((9 + 8!) \times 7) + (6 - (((5^4) - 3!) \times 2 \times 1)) \\
 281072 &:= (1 - ((2^{3!} + 4!) \times 5)) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) - (((5^4) - 3!) \times 2) - 1 \\
 281073 &:= ((1 - 2 \times 3!) \times 4!) - (5! + (6! - (7 \times (8! - 9)))) &= (9 - (8!/7)) + ((6^5 - 4!) \times (3!^2 + 1)) \\
 281074 &:= (1 - ((2 + 3!) \times (4! + 5!))) - (6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6! + 5!)) + (4! - (3!!/2 - 1)) \\
 281075 &:= (1 - ((23 \times (4! - 5)) + 6!)) + (7 \times 8! - 9) &= (9 + (8! \times 7 + ((6 - 5!) \times 4))) - (3!! - (2 \times 1)) \\
 281076 &:= 1 \times (2 \times ((3 + (4! \times ((5 + (6! + 7)) \times 8))) - 9)) &= ((9 + 8!) \times 7) + (((6 - ((5^4) - 3!)) \times 2) - 1) \\
 281077 &:= 1 + (2 \times ((3 + (4! \times ((5 + (6! + 7)) \times 8))) - 9)) &= ((9 + 8!) \times 7) + ((6 - ((5^4) - 3!)) \times 2 \times 1) \\
 281078 &:= 1 \times (2 - (3!! + (4 \times (5! - (6 \times 7! + 8! + 9)))) &= (((9 + 8!) \times 7) - (6 \times (5! + 4!))) - (3!!/2 + 1) \\
 281079 &:= (1 + (((2 + 3!)! + ((4 \times 5!) - 6)) \times 7)) - 8!/9 &= 9 + 8! - (7! - ((6 \times 5) \times ((4^{3!} \times 2) + 1))) \\
 281080 &:= (1 + (2 + 3!)!) - (((4! + (5! - 6 \times 7!)) \times 8) + 9) &= (((9 + 8!) \times 7) - (6 \times (5! + 4!))) - (3!!/2 - 1) \\
 281081 &:= (1 \times 2 - (3 \times (4! + 5!))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - ((6 + 5!) \times 4)) - (3!! - (2 \times 1)) \\
 281082 &:= (1 - (2^{3!+4})) - (5! + (6 - (7 \times 8! - 9))) &= 9 - ((8 \times (7! + (6!/5 - ((4!/3)! - 2)))) - 1) \\
 281083 &:= 1 + (((2 \times (3 - 4!)) + 5 \times 6!) \times (7 + 8 \times 9)) &= ((9 + 8! \times 7) - 6) - ((5! - 4) \times (3^2 + 1)) \\
 281084 &:= (1 - (2^{3!} + 4^5)) - (6 - (7 \times (8! - 9))) &= ((9 + 8! \times 7) - (6! + 5)) - (((4! - 3)^2) - 1) \\
 281085 &:= ((1 + ((2 + 3!)! + ((4 \times 5!) - 6))) \times 7) - 8!/9 &= ((9 + 8! \times 7) - (6! + 5!)) - ((4! - 3!)^2 \times 1) \\
 281086 &:= ((1 - 2 \times 3!) \times (4! + 5 \times (6 - 7!))) + 8!/9 &= ((9 + 8! \times 7) - (6! + (5! \times 4))) + 3!^2 + 1 \\
 281087 &:= ((1 - ((2 + 3!) \times (4! + 5!))) - 6^7) \times (8 - 9) &= ((9 + 8! \times 7) - (6 \times 5!)) - (((4! - 3)^2) + 1) \\
 281088 &:= (1 \times 2 + 3!) \times ((4! + (5 \times (6! + 7 \times 8))) \times 9) &= 9 - (8 - (((7 + (6! + 5)) \times (4! + 3!!/2)) - 1)) \\
 281089 &:= (1 + ((2 + 3!) \times (4! + 5!))) - (6^7 \times (8 - 9)) &= ((9 + 8! \times 7) - (6 \times 5!)) - (((4! - 3)^2) - 1) \\
 281090 &:= (1 - ((2^{3!} + 4!) \times 5)) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) + (((5! + (4! - 3!)) \times 2) - 1) \\
 281091 &:= 1 \times (((2 - (3 \times 4)) \times (5! - 6)) + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) + ((5! + (4! - 3!)) \times 2 \times 1) \\
 281092 &:= (1 + ((2 + 3!)!/(4! - 5!))) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6! + 5) - (((4! - 3)^2) + 1) \\
 281093 &:= 1 \times (2 - (((3! + 4) \times (5! - 6)) - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - 6!) - ((5! \times 4) + (3^2 + 1)) \\
 281094 &:= 1 + (2 - (((3! + 4) \times (5! - 6)) - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6! + 5) - (((4! - 3)^2) - 1) \\
 281095 &:= (1 + ((2 + (3 \times 4!)) \times 5!)) + (6 \times (7! + 8! + 9)) &= (9 + 8! \times 7 + 6) - ((5! - 4) \times (3^2 + 1)) \\
 281096 &:= (1 - 2 \times 3!!) + (4^5 - (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + 6!) + (5! - (4^{3!}/2 - 1)) \\
 281097 &:= (1 + (2 \times (3!! \times 4))) - (5! - (6^7 - 8!/9)) &= ((9 + 8! \times 7) - (6! + 5!)) - (4! \times (3! \times 2 + 1)) \\
 281098 &:= (1 + (2 + 3!)!) - (((4! + (5! - 6 \times 7!)) \times 8) - 9) &= (((9 + 8!) \times 7) - 6) + (((5 \times 4!) - 3!!) \times 2) + 1) \\
 281099 &:= (1 \times 2 - (3 \times (4! + 5!))) - (6! - (7 \times 8! + 9)) &= 9 - ((8 \times (7! + (6!/5 - (4!/3)!))) - (2 \times 1)) \\
 281100 &:= ((1 + 2 \times 3!!) \times 4) - (5! - (6^7 - 8!/9)) &= (((9 + 8!) \times 7) - (6! + (5! + 4))) - (3!!/2 - 1)
 \end{aligned}$$

$$\begin{aligned}
 281101 &:= (((1 + (2 + 3!))!) - ((4! + 5) \times 6)) \times 7 + 8 \times 9 &= 9 \times 8 - (7 \times ((6 \times (5 + 4!)) - ((3! + 2)! + 1))) \\
 281102 &:= ((1 - ((2 \times 3!)/4)) \times 5) + (6! + (7 \times (8! - 9))) &= (9 + 8! \times 7 + 6) + (((5! + (4! - 3!)) \times 2) - 1) \\
 281103 &:= (1 - ((2 \times 3!)/4)) + (5 - (6! - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - (6! - 5!)) - (4! \times ((3! - 2)! + 1)) \\
 281104 &:= (1 - (2 \times 3! \times 4!)) - (5! + (6! - (7 \times 8! - 9))) &= (9 + 8! \times 7 + 6) + (((5! + (4! - 3!)) \times 2) + 1) \\
 281105 &:= (1 \times 2 - 3!) - ((4! \times (5!/6)) - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6) + ((5! + (4 - 3!)) \times 2 \times 1) \\
 281106 &:= (1 - (2 \times (3!! - (4 + 5!)))) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - (6! + (5! - 4))) - (3!!/2 + 1) \\
 281107 &:= (12 + 3!^4) - (5! - (6^7 - (8 + 9))) &= (((9 + 8!) \times 7) - (6! + (5! - 4))) - (3!!/2 \times 1) \\
 281108 &:= 1 \times 2 - ((3! - 4!) \times (5^6 - (7 - 8 + 9))) &= (((9 + 8!) \times 7) + 6) + (((5 \times 4!) - 3!!) \times 2) - 1) \\
 281109 &:= ((1 + 2)!)! + ((3 \times (4 + 5! - 6!)) + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6) + (((5 \times 4!) - 3!!) \times 2 \times 1) \\
 281110 &:= (1 - (2 \times (3^4 + 5!))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) + (((5 \times 4!) - 3!!) \times 2) + 1) \\
 281111 &:= ((1 \times 2 + 3!) - (4 \times 5!)) - (6! - (7 \times (8! + 9))) &= (9 \times (8 + (7! \times 6))) + ((5! \times ((4! \times 3) + 2)) - 1) \\
 281112 &:= (1 - (2^{3!+4})) - (5! - (6 + (7 \times 8! + 9))) &= ((9 \times (8!/(7!/6))) - 5!) \times (((4! + 3!)^2) + 1) \\
 281113 &:= (1 + ((2 + (3 \times 4!)) \times 5!)) + ((6 \times 7! + 8) \times 9) &= (((9 + 8!) \times 7) - 6!) - ((5! \times 4) - (3^2 + 1)) \\
 281114 &:= (1 - 2 \times 3!) + (4^5 - (6! - (7 \times 8! + 9))) &= ((9 + 8!) \times 7) + (((6 + (5 \times 4!)) - 3!!) \times 2) - 1) \\
 281115 &:= 1 - (((2 + 3!^4) - (5! - 6^7)) \times (8 - 9)) &= (((9 + 8!) \times 7) - (6! + 5!)) + ((4! - 3!)/2 \times 1) \\
 281116 &:= ((1 + 2 \times 3!) - (4 \times 5!)) - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - (6! + 5!)) + (((4! - 3!)/2) + 1) \\
 281117 &:= ((1 + ((2 - 3^4) \times 5)) - 6!) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6) + ((5! + (4 - 3!)) \times 2 \times 1) \\
 281118 &:= (1 - (2 \times (3!! - (4 + 5!)))) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) + (((5! + (4 - 3!)) \times 2) + 1) \\
 281119 &:= ((1 - 2 - 3^4) \times 5) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - ((6!/5 + 4) \times (3! + 2))) \times 1 \\
 281120 &:= ((1 + ((2 - 3!) \times (4! - 5!))) \times 6!) - ((7! - 8!)/9) &= ((9 + 8! \times 7) - (6! + 5!)) - ((4! \times 3! \times 2) + 1) \\
 281121 &:= (1 + ((2 + (3 \times (4! + 5!))) \times 6!)) - (7 \times 8!/9) &= ((9 + 8! \times 7) - (6! + 5!)) - (4! \times (3! + (2 + 1)!)) \\
 281122 &:= (1 - (2 \times 3! \times 4!)) - (5! + (6! - (7 \times 8! + 9))) &= ((9 + 8! \times 7) - (6! + 5!)) - ((4! \times 3! \times 2) - 1) \\
 281123 &:= (1 \times 2 - (3!^4 - 5!)) - (6 - (7 \times (8! + 9))) &= 9 \times 8 + (((7 + (6^5 + 4!)) \times (3!^2)) - 1) \\
 281124 &:= ((1 - 2^{3!}) \times (4! + 5)) + (6! + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6!) - (5 \times ((4! + 3) \times (2 + 1))) \\
 281125 &:= (((1 + (2 + 3!))!) - (4! + (5! + 6))) \times 7 - 8 \times 9 &= (9 + 8! \times 7) - (((6! + (5!/4)) \times 3)/2) - 1) \\
 281126 &:= 1 \times 2 - ((3! - 4!) \times (5^6 + (7 \times (8 - 9)))) &= ((9 + 8! \times 7) - 6) - (((5! + 4) \times (3^2)) + 1) \\
 281127 &:= ((1 - 2 \times 3!) \times 4!) - (5! + (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - (((6! + 5!) \times 4)/3)) - 2 \times 1 \\
 281128 &:= (1 - (((2 - 3!) \times (4! - 5!)) + 6!)) + (7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) - (((5! + 4) \times (3^2)) - 1) \\
 281129 &:= 1 - (((2 \times (3!! - (4 + 5!))) + 6^7) \times (8 - 9)) &= 9 \times 8 - (7 \times (6!/5 + (4! - ((3! + 2)! - 1)))) \\
 281130 &:= ((1 + (2 \times (3!! - (4 + 5!)))) + 6^7) - (8 - 9) &= ((9 + 8! \times 7) - 6!) - (((5 \times 4!)/3!)^2) - 1) \\
 281131 &:= ((1 + 2)!! - 3!) + ((4 \times 5! + 6^7) - 8 + 9) &= ((9 + 8! \times 7) - (((6! + 5!) \times 4)/3)) + (2 \times 1) \\
 281132 &:= (1 + 2)!! - ((3 - (4 \times 5!)) - (6^7 + (8 - 9))) &= ((9 + 8! \times 7) - (((6! + 5!) \times 4)/3)) + (2 + 1) \\
 281133 &:= (((1 + (2 + 3!))!) - 4^5) \times 6 + 7! + (8! - 9) &= ((9 + 8! \times 7) - 6) - ((5!/4) \times (3!^2 + 1)) \\
 281134 &:= (1 - (2^{3!+4})) - (5!/6 - (7 \times (8! - 9))) &= (9 + (8! + (7 - (6 \times (5 + 4!)))) \times (3! + (2 - 1)) \\
 281135 &:= ((1 + ((2 - 3^4) \times 5)) - 6!) + (7 \times 8! + 9) &= 9 \times 8 - ((7 \times (6!/5 + (4! - (3! + 2)!))) + 1) \\
 281136 &:= (1 - (2^{3!} \times 4)) - (5! + (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - (6! + 5)) - (((4! - 3!)^2) + 1) \\
 281137 &:= (1 + (2 \times (3!! - 4!))) - (5! - (6^7 - 8 \times 9)) &= (((9 + 8!) \times 7) - 6) - ((5! - 4) \times (3^2 + 1)) \\
 281138 &:= (1 - (2^{3!} + 4^5)) - (6 - (7 \times 8! - 9)) &= (9 + 8! \times 7) + (6 - (((5! + 4) \times (3^2)) + 1)) \\
 281139 &:= 1 - (((2 + (3!! + (4 \times 5!))) + 6^7) \times (8 - 9)) &= ((9 - (8! + (7! - 6)))/5) \times (4 - (3!^2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 281140 &:= (((1 - 2 \times 3!) \times (4 - 5!)) + 6^7) - 8 \times 9 &= (9 + 8! \times 7) + (6 - (((5! + 4) \times (3^2)) - 1)) \\
 281141 &:= 1 \times 2 - (((3!)/4 + 5) \times 6) - (7 \times 8! + 9) &= (((9 + 8!) \times 7) - (6 \times 5!)) - (((4! - 3^2) + 1)) \\
 281142 &:= ((1 - 2^{3!}) \times (4! + 5)) + (6! + (7 \times 8! + 9)) &= 9 + 8 + ((7! - 6! + 5) \times ((4^3) + (2 - 1))) \\
 281143 &:= ((1 - (2 \times (3! + 4 - 5!))) - 6^7) \times (8 - 9) &= (((9 + 8!) \times 7) - (6 \times 5!)) - (((4! - 3^2) - 1)) \\
 281144 &:= (1 - ((2^{3!} + 4!) \times 5)) - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6) + (((5! + (4! - 3!)) \times 2) - 1) \\
 281145 &:= ((1 - 2 \times 3!) \times 4!) - (5! + (6! - (7 \times 8! + 9))) &= (9 + 8! \times 7 + 6) - ((5!/4) \times (3!^2 + 1)) \\
 281146 &:= (1 - (((2 - 3!) \times (4! - 5!)) + 6!)) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) - 6! + 5) - (((4! - 3^2) + 1)) \\
 281147 &:= (1 - ((2 \times 3!)/4)) - (5 + 6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6 \times (5! + 4^3))) + (2 \times 1) \\
 281148 &:= 1 - 2 \times 3! - (4^5 - (6 + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6! + 5) - (((4! - 3^2) - 1)) \\
 281149 &:= (((1 + (2^{3!} \times 4)) \times 5) + 6^7) - 8 \times 9 &= (((9 + 8!) \times 7) + 6) - ((5! - 4) \times (3^2 + 1)) \\
 281150 &:= (1 - (2^{3!} + 4^5)) + ((6 + 7 \times 8!) - 9) &= (9 + (8! \times 7 + 6!)) - ((5 \times (4 + 3!/2)) - 1) \\
 281151 &:= (1 + (2^{3!} + 4!)) \times (((5 \times 6! \times 7)/8) + 9) &= ((9 + 8! \times 7) - (6! + 5)) - (((4! + 3!)/2) + 1) \\
 281152 &:= (1 - (((2 + 3!)/4!) + 5!)) + (6! + 7 \times 8! - 9) &= ((9 + 8! \times 7) - (6! + 5!)) - ((4^{3! - 2}) + 1) \\
 281153 &:= (1 \times 2 - (3 \times 4! \times 5)) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) - (((5!/4) + 3^2) + 1) \\
 281154 &:= (1 - (2^{3!} \times 4)) - (5! + (6! - (7 \times 8! + 9))) &= (9 + (8! \times 7 + 6!)) - (5 \times (((4 + 3!)/2) + 1)) \\
 281155 &:= (1 \times 2 + 3!) - (4^5 + (6! - (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - 6) - (((5!/4) + 3^2) - 1) \\
 281156 &:= ((1 - ((2 \times 3!)/4)) \times 5) + (6! + 7 \times 8! - 9) &= 9 - (((8!/7) - (6 \times ((5 + 4!)^3))) \times 2) + 1) \\
 281157 &:= (1 - ((2 \times 3!)/4)) + (5 - (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + 6) + ((5! + (4! - 3!)) \times 2 \times 1) \\
 281158 &:= (1 + (2 \times (3 + (4! + (5! - 6!)))) + (7 \times (8! + 9))) &= 9 - (((8!/7) - (6 \times ((5 + 4!)^3))) \times 2) - 1) \\
 281159 &:= (1 \times 2 - (3!/4)) - (5! + (6! - (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - (6! + 5)) - (4 + (3!/2 + 1)) \\
 281160 &:= (1 - 2 \times 3!) \times (((4 \times (5 - (6! - 7))) - 8) \times 9) &= (9 + (8! \times 7 + 6!)) - (((5 \times (4 + 3!))/2) - 1) \\
 281161 &:= (1 + 2 \times 3! - 4!) - (5! - (6^7 - 8 \times 9)) &= ((9 + 8! \times 7) - 6! + 5) - (((4! + 3!)/2) + 1) \\
 281162 &:= ((1 \times 2 + 3!) - 4^5) + (6 \times (7! \times 8 - 9)) &= (((9 + 8!) \times 7) + 6!) - (((5 \times (4! + 3!))/2) + 1) \\
 281163 &:= ((1 + (2 + 3!)) - 4^5) + (6 \times (7! \times 8 - 9)) &= (9 + 8! - 7!) - (6 - (5! \times (4^{3!}/2 + 1))) \\
 281164 &:= (1 + ((2 + 3!)/(4! - 5!)) - (6! - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + 6!) - (((5 \times (4! + 3!))/2) - 1) \\
 281165 &:= (1 - ((2 \times 3!)/4)) - (5 + 6! - (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) - (((5!/4) + 3^2) + 1) \\
 281166 &:= (1 + (2 + 3!)) - (4^5 + ((6 \times (7 - 8!)) + 9)) &= ((9 + 8! \times 7) - ((6 \times 5!) + 4)) - (3!/2 - 1) \\
 281167 &:= ((1 \times 2 + 3!) - 4^5) + (6 + (7 \times (8! - 9))) &= (9 + 8! \times 7 + 6) - (((5!/4) + 3^2) - 1) \\
 281168 &:= (1 - (2^{3!} + 4^5)) + (6 + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - (5 \times ((4! \times (3^2)) - 1)) \\
 281169 &:= (1 \times 2 \times 3!^4) - (5 \times 6! - (7 \times (8! - 9))) &= 9 + 8! - (7 \times 6! - (5! \times (4^{3!}/2 + 1))) \\
 281170 &:= (1 - (((2 + 3!)/4!) + 5!)) + (6! + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - ((5 + 4!) \times (3!^2 + 1)) \\
 281171 &:= (1 \times 2 - (3 \times 4! \times 5)) - (6! - (7 \times 8! + 9)) &= (9 \times ((8 + 7!) \times 6)) - (((5! - (4! \times 3!))/2) + 1) \\
 281172 &:= 1 + 2 \times 3! - (4^5 - (6 + (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - (6 \times 5! - 4)) - (3!/2 + 1) \\
 281173 &:= 1 \times 2 - (((3! - 4!) \times (5^6)) + (7 + 8 \times 9)) &= (9 + 8! \times 7) + (((6 - ((5! \times 4!) - 3!))/2) + 1) \\
 281174 &:= ((1 - ((2 \times 3!)/4)) \times 5) + (6! + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6 \times 5! - 4)) - (3!/2 - 1) \\
 281175 &:= (1 - ((2 \times 3!)/4)) + (5 - (6! - (7 \times 8! + 9))) &= (9 + 8! - 7!) + (6 + (5! \times (4^{3!}/2 + 1))) \\
 281176 &:= (1 - (2 \times 3^4)) - (5! + (6! - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - (6! + 5!)) - ((4! \times 3! \times 2) - 1) \\
 281177 &:= 1 + (((2 \times (3! - 4)) - 5!) + 6^7) - 8 \times 9 &= ((9 + 8! \times 7) - (6! + 5)) + (((4! - 3!)/2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 281178 &:= 1 \times 2 - (((3 + 4!) \times 5!) - (6^7 + 8!/9)) &= (9 + (8! \times 7 + 6!)) + (((5 \times (4 - 3!))/2) - 1) \\
 281179 &:= (1 + 2) - (((3 + 4!) \times 5!) - (6^7 + 8!/9)) &= ((9 + 8!) \times 7) - (((6! + (5!/4)) \times 3)/2) - 1) \\
 281180 &:= (1 - ((2 + 3!) \times (4 + 5!))) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6) - (((5! + 4) \times (3^2)) + 1) \\
 281181 &:= (1 + 2 \times 3!! - 4) - (5! - (6^7 - 8 \times 9)) &= (((9 + 8!) \times 7) - (((6! + 5!) \times 4)/3)) - 2 \times 1 \\
 281182 &:= (1 - (2 \times (3^4 + 5!))) - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6) - (((5! + 4) \times (3^2)) - 1) \\
 281183 &:= (1 \times 2 + 3!)! - (4^5 + ((6 \times (7 - 8!)) - 9)) &= ((9 + 8! \times 7) - 6!) + (((5!/4) - 3!)/2) - 1) \\
 281184 &:= (1 + (2 + 3!))! - (4^5 + ((6 \times (7 - 8!)) - 9)) &= (((9 + 8!) \times 7) - 6!) - (((5 \times 4!)/3!)^2) - 1) \\
 281185 &:= (1 + 2 \times 3!!) - ((4! \times 5) - (6^7 - 8 \times 9)) &= ((9 + 8! \times 7) - 6! + 5) + (((4! - 3!)/2) - 1) \\
 281186 &:= ((1 \times 2 + 3!^4) - (5! - 6^7)) + 8 \times 9 &= (9 + 8! \times 7) + (((6 - (5! + 4)) \times (3^2)) - 1) \\
 281187 &:= (1 \times 2 - ((3! - 4!) \times (5^6))) - ((7 \times 8) + 9) &= (((9 + 8!) \times 7) - 6) - ((5!/4) \times (3!^2 + 1)) \\
 281188 &:= (1 - (2^{3!+4})) - (5!/6 - (7 \times 8! - 9)) &= (9 \times (((8 + 7!) \times 6) - 5)) + ((4! \times 3!)/2) + 1) \\
 281189 &:= (1 - (2 \times (3! - (4! \times (5 + (6! + 7!)))))) + 8!/9 &= ((9 + 8! \times 7) - (6! + (5 - 4!))) - (3!/2 - 1) \\
 281190 &:= 1 - 2 \times 3! - (4^5 + (6 - (7 \times 8! - 9))) &= ((9 \times (8 + (7 \times (6 + 5!)))) + 4!) \times (3!^2 - 1) \\
 281191 &:= (((1 \times 2 + 3!)! - (4! + (5! + 6))) \times 7) - (8 - 9) &= 9 - 8 + (((7 + 6) \times 5!)/4) \times (3!! + (2 - 1)) \\
 281192 &:= (1 - ((2 + 3!) \times (4 + 5!))) + (6 + (7 \times (8! - 9))) &= ((9 + 8!) \times 7) + (6 - (((5! + 4) \times (3^2)) + 1)) \\
 281193 &:= (1 + (2 \times (3!! + 4))) - (5! - (6^7 - 8 \times 9)) &= (((9 + 8!) \times 7) - (6! + 5)) - (4! + (3!/2 + 1)) \\
 281194 &:= (1 - (2 + 3!))! - (4! + (5! + (6! - (7 \times (8! - 9)))))) &= ((9 + 8!) \times 7) + (6 - (((5! + 4) \times (3^2)) - 1)) \\
 281195 &:= (1 - (2 \times (3 - (4! \times (5 + (6! + 7!)))))) + 8!/9 &= (9 \times (8! - (7 \times ((6!/5!)^4)))) - (3!^2 + 1) \\
 281196 &:= ((1 - 2^{3!}) \times (4! + 5)) + (6! + (7 \times (8! + 9))) &= (9 + ((8!/7!)^6)) + (((5! + (4! - 3!))^2) - 1) \\
 281197 &:= (1 - (2^{3!} \times 4)) - (5 + 6! - (7 \times (8! - 9))) &= (9 \times (8! - (7 \times ((6!/5!)^4)))) - (3!^2 - 1) \\
 281198 &:= ((1 - 2 \times 3!) \times 4!) + (5 - (6! - (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - 6!) - ((5 \times ((4^3) + 2)) + 1) \\
 281199 &:= ((1 - 2 \times 3!) \times 4!) - (5! + (6! - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + 6) - ((5!/4) \times (3!^2 + 1)) \\
 281200 &:= (1 - (((2 + 3!) \times 4!) + 5!)) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) - (((5 + 4!) \times (3!^2)) - 1) \\
 281201 &:= (1 + (2 \times (3! \times (4 \times (5 + (6! + 7!)))))) + 8!/9 &= ((9 + 8! \times 7) - 6!) - ((5 + ((4! - 3!)^2)) - 1) \\
 281202 &:= 1 - 2 \times 3! - (4^5 - ((6 + 7 \times 8!) - 9)) &= (((9 + 8!) \times 7) + 6!) - ((5 \times (4 + 3!)/2) + 1) \\
 281203 &:= (1 + (((2 + 3!)! - (4! + (5! - 6))) \times 7)) - 8 \times 9 &= ((9 \times ((8 + 7!) \times 6)) - 5) + (4! \times (3!/2 - 1)) \\
 281204 &:= ((1 \times 2 + 3!)! - 4^5) + (6 \times (7 + 8! - 9)) &= (((9 + 8!) \times 7) + 6!) - ((5 \times (4 + 3!)/2) - 1) \\
 281205 &:= 1 - ((2 \times (3! - 4! \times 5!)) - (6^7 - 8!/9)) &= (((9 + 8!) \times 7) - (6! + 5)) - (((4! + 3!)/2) + 1) \\
 281206 &:= (1 - (2^{3!+4})) - (5!/6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6! + 5!)) - ((4^{3! - 2}) + 1) \\
 281207 &:= (1 + (2 \times (3 + (4! \times (5 + (6! + 7!)))))) + 8!/9 &= (((9 + 8!) \times 7) - 6) - (((5!/4) + 3)^2) + 1) \\
 281208 &:= ((1 + (2 + 3!))! - 4^5) + ((6 \times 7! \times 8) - 9) &= (9 \times ((8 + 7!) \times (6!/5!))) + (4! \times (3!/2 - 1)) \\
 281209 &:= (1 - ((2 - 3^4) \times 5!)) + (6 \times ((7! - 8) \times 9)) &= (((9 + 8!) \times 7) - 6) - (((5!/4) + 3)^2) - 1) \\
 281210 &:= (1 - (2 \times (3!! + 4 + 5!))) + (6! + (7 \times (8! - 9))) &= (9 + 8! \times 7) + (6 - (((5 + 4!) \times (3!^2)) + 1)) \\
 281211 &:= 1 \times ((2 \times ((3! \times (4! + 5)) - 6!)) + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6!) + (5 - (((4! - 3!)^2) - 1)) \\
 281212 &:= (1 + (2 \times (3!! \times 4))) - (5 - (6^7 - 8!/9)) &= (9 + 8! \times 7) + (6 - (((5 + 4!) \times (3!^2)) - 1)) \\
 281213 &:= (1 + (2 \times (3! + (4! \times (5 + (6! + 7!)))))) + 8!/9 &= ((9 \times ((8 + 7!) \times 6)) + 5) + (4! \times (3!/2 - 1)) \\
 281214 &:= (((1 + (2 + 3!))! - 4^5) \times 6) + ((7! + 8) \times 9) &= (((9 + 8!) \times 7) + 6!) - (((5 \times (4 + 3!))/2) - 1) \\
 281215 &:= ((1 + 2 \times 3!!) \times 4) - (5 - (6^7 - 8!/9)) &= (((9 + 8!) \times 7) - 6! + 5) - (((4! + 3!)/2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 281216 &:= (1 \times 2^{3!}) \times ((4 \times 5!) - (6 + ((7! - 8!)/9))) &= 9 - (8 - (((((7 + (6!/5!)) \times 4)^3) \times 2) - 1)) \\
 281217 &:= (1 + (2^{3!} \times (4 - ((5! \times 6) - 7!)))) + 8!/9 &= (9 + 8! \times 7) + (6 \times (((5 - 4!) \times (3^2)) - 1)) \\
 281218 &:= (1 - (((2 + 3!) \times 4!) + 5!)) - (6! - (7 \times 8! + 9)) &= 9 - (8 + ((7 \times (6!/5 - ((4!/3!) - 2))) + 1)) \\
 281219 &:= (1 - (2 \times 3! \times 4!)) - (5 + 6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) - (((5!/4) + 3)^2) + 1 \\
 281220 &:= 1 - 2 \times 3! - (4^5 - (6 + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - ((6 \times 5!) + 4)) - (3!/2 - 1) \\
 281221 &:= 1 \times 2 + (3! - (4^5 - ((6 + 7 \times 8!) - 9))) &= (((9 + 8!) \times 7) + 6) - (((5!/4) + 3)^2) - 1 \\
 281222 &:= (1 + (2 \times (3!! \times 4))) + ((5 + 6^7) - 8!/9) &= (9 \times (8! - (7 \times ((6!/5!)^4)))) - (3^2 + 1) \\
 281223 &:= ((1 + (2 \times (3 + 4! \times 5!))) + 6^7) - 8!/9 &= (((9 + 8!) \times 7) - (6! + 5)) + (4 - (3!/2 - 1)) \\
 281224 &:= (1 + (2 \times 3!^4)) - (5 \times 6! - (7 \times 8! - 9)) &= 9 - ((8 \times (7! + ((6 + 5!) - ((4!/3!) - 2)))) + 1) \\
 281225 &:= ((1 + 2 \times 3!!) \times 4) + ((5 + 6^7) - 8!/9) &= (((9 + 8!) \times 7) - 6! + 5) - (((4 + 3!)/2) + 1) \\
 281226 &:= ((1 + (2 + 3!))! - 4^5) + ((6 \times 7! \times 8) + 9) &= ((9 \times ((8 + 7!) \times 6)) - 5) + (4! \times 3!/2 - 1) \\
 281227 &:= (1 \times 2 + 3!!) - (4^5 + (6! - (7 \times 8! + 9))) &= ((9 + 8!) \times 7) + (((6 - ((5! \times 4!) - 3!))/2) + 1) \\
 281228 &:= (1 - (2^{3!+4})) + (5!/6 + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) - ((5 + 4!) \times (3!^2 - 1)) \\
 281229 &:= ((1 + (2 \times (3! + 4! \times 5!))) + 6^7) - 8!/9 &= (((9 + 8!) \times 7) - (6! + 5)) + (((4! - 3!)/2) - 1) \\
 281230 &:= (1 - (2 \times 3^4)) - (5! + (6! - (7 \times 8! - 9))) &= ((9 + (8! \times 7!/6!)) - 5!) - (((4! + 3!)^2) - 1) \\
 281231 &:= (1 \times 2 - (3!!/4)) - (5! + (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - (6! + 5)) + (((4! - 3!)/2) + 1) \\
 281232 &:= 1 + 2 \times 3! - (4^5 + (6 - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6!) + (((5 \times (4 - 3!))/2) - 1) \\
 281233 &:= (1 - (2 \times (3! \times (4! \times (5! + 6)))) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7) - 6! + 5) + (4 - (3!/2 - 1)) \\
 281234 &:= (1 - ((2 + 3!) \times (4 + 5!))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) - (5 \times ((4! \times (3^2)) - 1)) \\
 281235 &:= (1 \times 2 \times (3! - (4 \times 5!))) + (6 + (7 \times (8! - 9))) &= ((9 + 8! \times 7) - (6 + 5!)) - (4! \times (3!^2 + 1)) \\
 281236 &:= (1 + (2 \times (3! - (4 \times 5!)))) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6) - ((5 + 4!) \times (3!^2 + 1)) \\
 281237 &:= (1 - (2 \times 3! \times 4!)) - (5 + 6! - (7 \times 8! + 9)) &= (((9 \times (8 + 7!))/6) + 5 + 4!) \times (3!^2 + 1) \\
 281238 &:= (1 - (2^{3!+4})) + ((5 \times 6 + 7 \times 8!) - 9) &= ((9 \times ((8 + 7!) \times 6)) + 5) + ((4! \times 3!/2) + 1) \\
 281239 &:= (1 \times 2 + 3!!) - (((4 + 5! - 6 \times 7!) \times 8) + 9) &= (((9 + 8!) \times 7) - 6! + 5) + (((4! - 3!)/2) - 1) \\
 281240 &:= (1 + (2 + 3!))! - (((4 + 5! - 6 \times 7!) \times 8) + 9) &= ((9 + 8!) \times 7) + (((6 - (5! + 4)) \times (3^2)) - 1) \\
 281241 &:= (1 - 2^{3!}) + ((4^5 + (6 \times 7! - 8)) \times 9) &= ((9 + (8! \times 7!/6!)) - 5!) - (4! \times (3!^2 + 1)) \\
 281242 &:= ((1 - 2 \times 3!) \times 4!) - (5 + 6! - (7 \times 8! - 9)) &= (9 \times (8! - (7 \times ((6!/5!)^4)))) + 3^2 + 1 \\
 281243 &:= (1 \times 2 + (3 \times (4! - 5!))) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6! + (5 - 4!))) - (3!/2 - 1) \\
 281244 &:= 1 + 2 \times 3! - (4^5 - (6 + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6!) + ((5 \times (4 - 3!)/2) + 1) \\
 281245 &:= (1 - 2 \times 3!!) + (4 \times (5! + (6 \times 7! + 8! - 9))) &= ((9 + 8! \times 7) - 6! + 5) - ((4! \times 3! \times 2) + 1) \\
 281246 &:= (1 - ((2 + 3!) \times (4 + 5!))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6!) - (5! + ((4! \times (3^2)) + 1)) \\
 281247 &:= (1 - (2 \times 3! \times 4!)) + (5 - (6! - (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6 - 5!))) - (4! \times (3!^2 + 1)) \\
 281248 &:= ((1 + (2 + 3!))! - 4!) - (((5! - 6 \times 7!) \times 8) + 9) &= (((9 + 8!) \times 7) - (6! + 5!)) - ((4! \times (3^2)) - 1) \\
 281249 &:= (1 \times 2 - 3! \times 4!) - (5! + (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - 6 \times 5) - (4^{3+2} \times 1) \\
 281250 &:= (1 - (2^{3!} + 4!)) - (5! + (6! - (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - 6!) + (((5 - 4! \times 3!) \times 2) - 1) \\
 281251 &:= (1 - (2^{3!} \times 4)) - (5 + 6! - (7 \times 8! - 9)) &= ((9 \times ((8 + 7!) \times 6)) - 5) + (4! \times (3!/2 + 1)) \\
 281252 &:= ((1 - 2 \times 3!) \times 4!) + (5 - (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - 6!) - ((5 \times ((4^3) + 2)) + 1) \\
 281253 &:= (1 + 2 \times 3!! - 4) - (5! + (6^7 \times (8 - 9))) &= (9 \times (((8 + 7!) \times 6) + 5)) + (4! \times (3!/2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 281254 &:= (1 - (2 \times (3! + (4 \times 5!)))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6) - (((5 + 4!) \times (3!^2)) - 1) \\
 281255 &:= (1 + 2 \times 3!) \times (4 - ((5 \times (6! - 7! - 8)) + 9)) &= (((9 + 8!) \times 7) - 6!) - ((5 + ((4! - 3!)^2)) - 1) \\
 281256 &:= (1 + ((2 + 3!) \times (4 - 5!))) + (6 + (7 \times (8! - 9))) &= (9 \times ((8 + 7!) \times (6!/5!))) + (4! \times (3!/2 + 1)) \\
 281257 &:= (1 \times 2 + 3!)! - (((4 + 5! - 6 \times 7!) \times 8) - 9) &= ((9 + 8! \times 7) - 6) - ((5^4) + (3!/2 + 1)) \\
 281258 &:= (1 + (2 + 3!)!) - (((4 + 5! - 6 \times 7!) \times 8) - 9) &= (9 + 8! \times 7) + (((6! \times 5 - 4^{3!}) \times 2) + 1) \\
 281259 &:= 1 \times 2 + (((3! - 4!) \times (5^6)) - 7) \times (8 - 9) &= (((9 + 8! \times 7) - 6) - (5^4)) - (3!/2 - 1) \\
 281260 &:= ((1 - 2 \times 3!) \times 4!) - (5 + 6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - ((5! + (4! \times (3!^2))) - 1) \\
 281261 &:= (1 - (2^{3!} \times 4 - (5 - 6!))) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6!) + (5! - (((4! - 3!)^2) + 1)) \\
 281262 &:= (1 - ((2 + (3!/4)) \times 5)) - (6 - (7 \times (8! - 9))) &= (9 + 8! \times 7 + 6) - (((5! + 4) \times (3! + 2)) + 1) \\
 281263 &:= ((1 - ((2 \times (3!! + 4)) - 5!)) - 6^7) \times (8 - 9) &= (((9 + 8!) \times 7) - (6! - 5!)) - (((4! - 3!)^2) - 1) \\
 281264 &:= (1 - (2 \times (3!! + 4 + 5!))) + (6! + 7 \times 8! - 9) &= ((9 + (8! \times 7!/6!)) - 5!) - ((4! \times (3!^2)) + 1) \\
 281265 &:= ((1 - 2^{3!}) \times 4!) - (5! - (6! + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6!) + (5 - (((4! - 3!)^2) - 1)) \\
 281266 &:= ((1 + (2 + 3!)!) - 4!) - (((5! - 6 \times 7!) \times 8) - 9) &= ((9 + (8! \times 7!/6!)) - 5!) - ((4! \times (3!^2)) - 1) \\
 281267 &:= (1 - (((2 + 3!)!/4!) + 5)) + (6! + 7 \times 8! - 9) &= (9 \times (8! - (7 \times ((6!/5!)^4)))) + (3!^2 - 1) \\
 281268 &:= ((1 + (2 + 3!)!) - 4) - (((5! - 6 \times 7!) \times 8) + 9) &= 9 - 8 + (7 \times (6 - (5! + (4! - ((3! + 2)! - 1)))))) \\
 281269 &:= (1 - (2^{3!} \times 4)) - (5 + 6! - (7 \times 8! + 9)) &= (9 \times (8! - (7 \times ((6!/5!)^4)))) + 3!^2 + 1 \\
 281270 &:= ((1 - 2 \times 3!) \times 4!) + (5 - (6! - (7 \times 8! + 9))) &= ((9 + 8! \times 7) - 6) - (((5! \times 4) + 3!) \times 2) + 1) \\
 281271 &:= ((1 + (2 + 3!)!) - 4^5) + (6 \times (7! \times 8 + 9)) &= ((9 + 8!) \times 7) + (6 \times (((5 - 4!) \times (3^2)) - 1)) \\
 281272 &:= (1 + (2 \times 3! - 4!) - (((5! - 6 \times 7!) \times 8) + 9) &= ((9 + 8! \times 7) - 6) - (((5! \times 4) + 3!) \times 2) - 1) \\
 281273 &:= (1 \times 2 - 3!!) + ((4 \times 5!) - (6! - (7 \times 8! - 9))) &= ((9 \times (8 + 7 \times 6)) \times (5^4)) + ((3! - 2)! - 1) \\
 281274 &:= (1 - ((2 + (3!/4)) \times 5)) + (6 + (7 \times (8! - 9))) &= 9 - ((8 \times (7! + ((6 + 5!) - (4 + (3! + 2)!)))) - 1) \\
 281275 &:= ((1 \times 2 + 3!)! + 4) - (((5! - 6 \times 7!) \times 8) + 9) &= 9 \times 8 - ((7 \times (6!/5 + (4 - (3! + 2)!))) + 1) \\
 281276 &:= (1 + ((2 + 3!)! + 4)) - (((5! - 6 \times 7!) \times 8) + 9) &= ((9 + 8! \times 7) - 6) - (((5! \times 4) + 3) \times 2) + 1) \\
 281277 &:= (1 - (((2 + 3!)!/4!) - 5)) + (6! + 7 \times 8! - 9) &= 9 + 8! - 7 - ((6! - 5) \times (4! - (3!/2 + 1))) \\
 281278 &:= (1 + (2 + 3!)!) - (((4! - 5) \times (6! - 7)) - 8!) \times 9 &= 9 + 8! + (((7! \times 6 - 5!) \times 4) - 3!) \times 2) + 1) \\
 281279 &:= (1 - (2^{3!} \times 4 - (5 - 6!))) + (7 \times 8! + 9) &= (9 \times (8! - 7!)) - (((6! + (5! + 4! \times 3!)) \times 2) + 1) \\
 281280 &:= (1 - (2 \times (3!! - (4 - 5!)))) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6!) + (((5! - (4 + 3!))/2) - 1) \\
 281281 &:= (1 - (2 \times (3!! + (4! \times (5 + 6!)))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - (((6! + (5! + 4! \times 3!)) \times 2) - 1) \\
 281282 &:= (1 - (2 \times (3!! + 4 + 5!))) + (6! + (7 \times 8! + 9)) &= 9 + 8! + (((7! \times 6 - 5!) \times 4) - 3) \times 2) - 1) \\
 281283 &:= (1 \times 2 \times (3 - (4 \times 5!))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7!/6!) + 5) - ((4^{3+2}) + 1) \\
 281284 &:= (1 + (2 \times (3 - (4 \times 5!)))) + ((6 + 7 \times 8!) - 9) &= 9 + 8! + (((7! \times 6 - 5!) \times 4) - 3) \times 2) + 1) \\
 281285 &:= (1 - (((2 + 3!)!/4!) + 5)) + (6! + (7 \times 8! + 9)) &= ((9 \times (8 + 7 \times 6)) \times (5^4)) + (3!^2 - 1) \\
 281286 &:= ((1 + (2 + 3!)!) - 4) - (((5! - 6 \times 7!) \times 8) - 9) &= ((9 + 8! \times 7) - (6! - (5! - 4))) - (3!/2 - 1) \\
 281287 &:= ((1 + (2 \times (3!! - (4 + 5)))) + 6^7) - 8 \times 9 &= 9 \times 8 + (((7 + (6!/5!)) \times 4)^3) \times 2) - 1) \\
 281288 &:= (1 \times 2 + 3!) \times (4 - (5! - (6 - (7! - 8! + 9)))) &= (9 + 8! \times 7 + 6) - (((5! \times 4) + 3) \times 2) + 1) \\
 281289 &:= (1 + (((2 + 3!)! + (4 \times (5! + 6))) \times 7)) - 8!/9 &= (((9 + 8!) \times 7) - (6! + 5)) - ((4! \times 3! \times 2) + 1) \\
 281290 &:= (1 + (2 \times 3! - 4!) - (((5! - 6 \times 7!) \times 8) - 9) &= ((9 + 8! \times 7) - 6) - (((5! \times 4) - 3) \times 2) - 1) \\
 281291 &:= (1 - (2 \times 3^4)) - (5 + 6! - (7 \times (8! - 9))) &= (9 \times ((8 + 7!) \times 6)) + (((5! + 4! \times 3!)/2) - 1) \\
 281292 &:= (1 + (2 \times (3!! - 4))) - (5 - (6^7 - 8 \times 9)) &= ((9 + 8! \times 7) - (6! - (5! + 4))) - (3!/2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 281293 &:= (1 - 2 \times 3!) + ((4^5 + (6 \times 7! - 8)) \times 9) &= (9 \times ((8 + 7!) \times 6)) + (((5! + 4! \times 3!)/2) + 1) \\
 281294 &:= (1 + ((2 + 3!)! + 4)) - (((5! - 6 \times 7!) \times 8) - 9) &= 9 + 8! + (((((7! \times 6 - 5!) \times 4) + 3) \times 2) - 1) \\
 281295 &:= ((1 + ((2 + 3!)! + (4 \times (5! + 6)))) \times 7) - 8!/9 &= (9 \times ((8! - 7!/6)/5!)) \times ((4 \times (3! - 2)!) - 1) \\
 281296 &:= (1 + ((2 + 3!)! + 4!)) - (((5! - 6 \times 7!) \times 8) + 9) &= 9 + 8! + (((((7! \times 6 - 5!) \times 4) + 3) \times 2) + 1) \\
 281297 &:= ((1 - ((2 + (3! \times 4)) \times 5!)) + 6^7) + 8!/9 &= (((9 + 8!) \times 7) - 6!) - (((5! - 4!) \times 3) - (2 \times 1)) \\
 281298 &:= (1 + ((2 + 3!) \times (4 - 5!))) - (6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + 6!)) - (((5! - (4 - 3!)) \times 2) - 1) \\
 281299 &:= (1 \times 2 - ((3! - 4!) \times (5^6))) + ((7 \times 8) - 9) &= (((9 + 8!) \times 7) - 6! + 5) - ((4! \times 3! \times 2) + 1) \\
 281300 &:= (1 - (2^{3!+4})) + (5!/6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) - (((5! + (4! - 3)) \times 2) + 1) \\
 281301 &:= (1 - (2 \times 3^4)) + (5 - (6! - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + (6 - 5!)) - (4! \times (3!^2 + 1)) \\
 281302 &:= (1 + (2 \times (3 - (4 \times 5!)))) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) - (((5! \times 4) - 3) \times 2) - 1) \\
 281303 &:= (1 \times 2 + 3!)! + (((4 - (5! - 6 \times 7!)) \times 8) - 9) &= 9 - ((8 - (7 \times (6 - 5!))) \times (((4! - 3!)/2) - 1)) \\
 281304 &:= (1 + (2 + 3!)! + (((4 - (5! - 6 \times 7!)) \times 8) - 9) &= (((9 + 8!) \times 7) - 6!) + (((5 - 4! \times 3!) \times 2) - 1) \\
 281305 &:= (1 + (2^{3!} \times (4! + 5!))) + ((6 \times 7! - 8) \times 9) &= (9 \times 8 \times 7) + ((6! \times ((5!/4) + 3!/2)) + 1) \\
 281306 &:= ((1 - 2 \times 3!) \times (4 + 5 \times (6 - 7!))) + 8!/9 &= ((9 + 8! \times 7) - 6!) - (((5! - 4!/3) \times 2) - 1) \\
 281307 &:= (1 \times 2 \times (3! - (4 \times 5!))) + (6 + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! + 5)) - ((4! \times (3^2)) + 1) \\
 281308 &:= (1 + (2 \times (3! - (4 \times 5!)))) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) - (((5! \times 4) - 3!) \times 2) - 1) \\
 281309 &:= 1 \times 2 + (3 + ((4^5 + (6 \times 7! - 8)) \times 9)) &= ((9 + 8! \times 7) - (6! + 5)) - ((4! \times (3^2)) - 1) \\
 281310 &:= (1 + ((2 + 3!) \times (4 - 5!))) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) - (6! + 5!)) - (((4 + 3!)^2) - 1) \\
 281311 &:= (1 \times 2 + 3!^4) + (5 + (6^7 + 8 \times 9)) &= ((9 \times (8 + 7!/6)) - (5 + 4!)) \times (3!^2 + 1) \\
 281312 &:= 1 \times 2 + (3! + ((4^5 + (6 \times 7! - 8)) \times 9)) &= ((9 + 8!) \times 7) + (((6! \times 5 - 4^3!) \times 2) + 1) \\
 281313 &:= ((1 - 2 \times 3!) \times 4!) + (5! - (6! - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6) - (5^4) - (3!/2 - 1) \\
 281314 &:= (1 + ((2 + 3!)! + 4!)) - (((5! - 6 \times 7!) \times 8) - 9) &= ((9 + 8! \times 7) - ((6! \times 5)/4)) - (3!^2 - 1) \\
 281315 &:= (1 - (2 + 3!) \times 4!) - (5 + 6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!) - (5! + (4 \times (3!^2 + 1))) \\
 281316 &:= (1 - ((2 + (3!/4)) \times 5)) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) - (((5! + 4) \times (3! + 2)) + 1) \\
 281317 &:= 1 + 2 \times 3! + ((4^5 + (6 \times 7! - 8)) \times 9) &= ((9 + 8! \times 7) - 6! + 5) - ((4! \times (3^2)) + 1) \\
 281318 &:= (1 - ((2 + 3!) \times (4 + 5!))) + (6 + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6!) - ((5 \times ((4! - 3) \times 2)) + 1) \\
 281319 &:= ((1 - 2^{3!}) \times 4!) - (5! - (6! + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6! + 5) - ((4! \times (3^2)) - 1) \\
 281320 &:= (1 - (2 \times (3!! - (4! - 5!)))) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - (6! - (5! - 4!))) - (3!/2 - 1) \\
 281321 &:= (1 \times 2 + 3!)! + (((4 - (5! - 6 \times 7!)) \times 8) + 9) &= (((9 + 8!) \times 7) - (6! + 5)) - ((4^{3!-2}) + 1) \\
 281322 &:= (1 + (2 + 3!)! + (((4 - (5! - 6 \times 7!)) \times 8) + 9) &= 9 + 8! + (((7! \times 6 - (5! - 4)) \times (3! + 2)) + 1) \\
 281323 &:= (1 + (2^{3!} \times (4! + 5!))) + (6 \times (7! + 8! - 9)) &= (((9 + 8!) \times 7) - (6! + 5!)) - (4 \times (3!^2 - 1)) \\
 281324 &:= (1 - 2^{3!}) - (4 + (5! + (6! - (7 \times 8! - 9)))) &= (((9 + 8!) \times 7) - 6) - (((5! \times 4) + 3!) \times 2) + 1) \\
 281325 &:= (1 - (2 + 3!) \times 4!) + (5 - (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + 6) - (5^4) - (3!/2 - 1) \\
 281326 &:= 1 + 2 \times 3! - (4! + (5! + (6! - (7 \times (8! - 9)))))) &= (((9 + 8!) \times 7) - 6) - (((5! \times 4) + 3!) \times 2) - 1) \\
 281327 &:= (1 \times 2 - (3!/4 \times 5)) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6 \times 5!)) - (4^{3+2-1}) \\
 281328 &:= (1 - ((2 + (3!/4)) \times 5)) + ((6 + 7 \times 8!) - 9) &= 9 - (((8 + 7! - 6!) \times (5 - ((4! \times 3) - 2))) + 1) \\
 281329 &:= 1 \times 2 - (3!! + (4 + (5! + (6 - (7 \times (8! - 9)))))) &= (((9 + 8!) \times 7) - 6!) - ((5! + 4 + 3) \times 2 \times 1) \\
 281330 &:= (1 - 2 \times 3!) + (4 - (5! + (6! - (7 \times (8! - 9)))))) &= (((9 + 8!) \times 7) - 6) - (((5! \times 4) + 3) \times 2) + 1) \\
 281331 &:= (1 \times 2 - ((3! - 4!) \times (5^6))) + (7 + 8 \times 9) &= (((9 + 8!) \times 7) - 6! + 5) - ((4^{3!-2}) + 1)
 \end{aligned}$$

$$\begin{aligned}
 281332 &:= (1 - (2 \times (3! + 4!))) - (5! + (6! - (7 \times 8! - 9))) &= (9 + 8! \times 7) + (((((6 - 5!) \times 4) - 3) \times 2) + 1) \\
 281333 &:= (1 - (2 + 3!) \times 4!) - (5 + 6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) + (5 - ((4^{3!-2} - 1)) \\
 281334 &:= (1 - (2^{3!+4})) + (5! + ((6 + 7 \times 8!) - 9)) &= (((9 + 8!) \times 7) + 6!) - (((5! + (4 + 3!)) \times 2) + 1) \\
 281335 &:= ((1 \times 2 - (3!!/4)) \times 5) - (6 - (7 \times 8! - 9)) &= 9 - ((8 \times (7! - (6 - (5! - (4!/3)!))) + 2 \times 1) \\
 281336 &:= (1 - 2 \times 3!) \times (4! - ((5 \times (6! + (7! + 8!)))/9)) &= (((9 + 8!) \times 7) + 6) - (((5! \times 4) + 3!) \times 2) + 1) \\
 281337 &:= (1 + (2 \times (3!! \times 4))) + ((5! + 6^7) - 8!/9) &= ((9 + 8! \times 7) - 6) - (5 + (((4! + 3!)^2) + 1)) \\
 281338 &:= (1 - (2 \times (3 + 4!))) - (5! + (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + 6) - (((5! \times 4) + 3!) \times 2) - 1) \\
 281339 &:= (1 - (((2 + 3)!/4!) + 5)) + (6! + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - ((6! \times 5)/4)) - (3^2 + 1) \\
 281340 &:= ((1 + 2 \times 3!!) \times 4) + ((5! + 6^7) - 8!/9) &= ((9 + 8! \times 7) - 6!) + (((5^4) - 3!) \times 2) + 1) \\
 281341 &:= 1 \times 2 + 3! - (4 + (5! + (6! - (7 \times (8! - 9)))))) &= ((9 + 8! \times 7) - 6! + 5) - ((4! \times (3! + 2)) + 1) \\
 281342 &:= (1 - 2^{3!}) - (4 + (5! + (6! - (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) + 6) - (((5! \times 4) + 3) \times 2) + 1) \\
 281343 &:= (1 - (2 + 3!) \times 4!) + (5 - (6! - (7 \times 8! + 9))) &= ((9 + (8! \times 7!/6!)) - 5) - (((4! + 3!)^2) + 1) \\
 281344 &:= (1 - (2 \times 3! \times 4!)) + (5! - (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - 6) - (((5! \times 4) - 3) \times 2) - 1) \\
 281345 &:= (1 - (2 \times 3^4)) - (5 + 6! - (7 \times 8! - 9)) &= ((9 + (8! \times 7!/6!)) - 5) - (((4! + 3!)^2) - 1) \\
 281346 &:= (1 - ((2 + (3!!/4)) \times 5)) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6! - (5! + 4))) - (3!!/2 + 1) \\
 281347 &:= ((1 - 2 \times 3!) \times 4) - (5! + (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6) + (5 - (((4! + 3!)^2) + 1)) \\
 281348 &:= (1 + ((2 - (3!!/4)) \times 5)) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6) - (((5! \times 4) - 3!) \times 2) + 1) \\
 281349 &:= (1 - (((2 + 3)!/4!) - 5)) + (6! + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6) + (5 - (((4! + 3!)^2) - 1)) \\
 281350 &:= (1 - (2 \times (3! + 4!))) - (5! + (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6) - (((5! \times 4) - 3!) \times 2) - 1) \\
 281351 &:= 1 \times 2 + ((3 \times 4) - (5! + (6! - (7 \times (8! - 9)))))) &= ((9 \times ((8 + 7!) \times 6)) + 5!) + (4! \times 3!!/2 - 1) \\
 281352 &:= (1 - 2^{3!}) + (4! - (5! + (6! - (7 \times 8! - 9)))) &= (((9 + 8!) \times 7) + 6!) - (((5! - (4 - 3!)) \times 2) - 1) \\
 281353 &:= ((1 \times 2 - (3!!/4)) \times 5) - (6 - (7 \times 8! + 9)) &= (9 + (8! \times 7!/6!)) + (5 - (((4! + 3!)^2) + 1)) \\
 281354 &:= (1 + ((2 - (3!!/4)) \times 5)) - (6 - (7 \times 8! + 9)) &= 9 - ((8 \times (7! - (6 - (5! - ((4!/3)! + 2)))))) - 1) \\
 281355 &:= (1 - (2 \times 3^4)) + (5 - (6! - (7 \times 8! - 9))) &= (9 + ((8! \times 7!/6!) + 5)) - (((4! + 3!)^2) - 1) \\
 281356 &:= 1 - 2 \times 3! - (4! + (5! + (6! - (7 \times 8! - 9)))) &= (((9 + 8!) \times 7) + 6) - (((5! \times 4) - 3) \times 2) - 1) \\
 281357 &:= (1 - ((2^{3!} \times 4!) + 5)) + (6! + (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6!) + (((5 - 4!) \times (3^2)) - 1) \\
 281358 &:= ((1 - (2 \times 3! \times 4!)) \times (5! + 6)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - ((6 + 5!) \times ((4! \times 3! \times 2) - 1)) \\
 281359 &:= (1 + 2 \times 3!! - 4!) + ((5 + 6^7) - 8 + 9) &= ((9 + 8! \times 7) - ((6! \times 5)/4)) + 3^2 + 1) \\
 281360 &:= (((1 \times 2 + 3!)! - (4! + 5!)) \times 6) - 7) + (8! - 9) &= (((9 + 8!) \times 7) - 6!) - (((5! - 4!/3) \times 2) - 1) \\
 281361 &:= (1 - (((2 + 3!) - 4!) \times (5^6))) + (7 \times 8!/9) &= (((9 + 8!) \times 7) - (6! + 5)) - ((4! \times (3^2)) + 1) \\
 281362 &:= (1 - (2 \times 3! \times 4!)) + (5! - (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6) - (((5! \times 4) - 3!) \times 2) - 1) \\
 281363 &:= (1 - (2 \times 3^4)) - (5 + 6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6! + 5)) - ((4! \times (3^2)) - 1) \\
 281364 &:= 1 \times 2 - (3! \times 4! + (5 + 6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6!) + (5 \times (4 - (3!^2 + 1))) \\
 281365 &:= ((1 - 2 \times 3!) \times 4) - (5! + (6! - (7 \times 8! + 9))) &= ((9 - 8) - (7 \times ((6 + 5!) - (4!/3)!))) + (2 + 1)! \\
 281366 &:= (1 + ((2 - (3!!/4)) \times 5)) + (6 + (7 \times 8! + 9)) &= (9 + ((8! \times 7!/6!) + 5)) - (4! \times (3!^2 + 1)) \\
 281367 &:= ((1 - 2 \times 3!) \times 4!) + (5! - (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - (6! + ((5! \times 4)/3))) - 2 \times 1) \\
 281368 &:= (1 + (2^{3!} \times (4! + 5!))) + ((6 \times (7! + 8!)) - 9) &= (9 + (8! \times 7 + 6!)) - (((5 \times 4!)/3)^2 + 1) \\
 281369 &:= (1 + 2^{3!}) + ((4^5 + (6 \times 7! - 8)) \times 9) &= (9 + (8! \times 7 + 6!)) - (((5 \times 4!)/3)^2 \times 1) \\
 281370 &:= (1 - 2^{3!}) + (4! - (5! + (6! - (7 \times 8! + 9)))) &= (9 - (8! + ((7 - 6!) \times (5! - 4!)))) \times (3^2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 281371 &:= (((1 - (2 \times 3! \times 4!)) \times 5) - 6^7) \times (8 - 9) &= (((9 + 8!) \times 7) - 6! + 5) - ((4! \times (3^2)) + 1) \\
 281372 &:= 1 \times 2 + (3 - (4! + (5! + (6! - (7 \times 8! - 9)))) &= (((9 + 8!) \times 7) - 6!) - ((5 \times ((4! - 3) \times 2)) + 1) \\
 281373 &:= (1 - (2 \times 3^4)) + (5 - (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6! + 5) - ((4! \times (3^2)) - 1) \\
 281374 &:= 1 - 2 \times 3! - (4! + (5! + (6! - (7 \times 8! + 9)))) &= ((9 + 8! \times 7) - 6!) + (5 \times (4 - (3!^2 - 1))) \\
 281375 &:= (1 + (((2 + 3!)! - (4! + 5!)) \times 6) + 7) + (8! - 9) &= ((9 + 8! \times 7) - (6! + 5!)) - (4! + (3^2 + 1)) \\
 281376 &:= (1 - (2^{3!} \times 4)) + (5! - (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - (6! + 5)) - (4 \times (3!^2 + 1)) \\
 281377 &:= 1 \times 2^{3!} - (4! + (5! + (6! - (7 \times (8! - 9)))) &= (9 \times (8! - 7!)) + (6! - (((5! + 4! \times 3)^2) - 1)) \\
 281378 &:= (1 + 2^{3!}) - (4! + (5! + (6! - (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - (6! + 5!)) + (4 - (3!^2 - 1)) \\
 281379 &:= (1 + (((2 + 3!)! - (4! + 5!)) \times 6)) - (7 - 8! - 9) &= ((9 + (8! \times 7!/6!)) - 5) - ((4! \times (3!^2)) + 1) \\
 281380 &:= 1 + 2 \times 3! - (4! + (5! + (6! - (7 \times 8! - 9)))) &= 9 + 8! + (((7^6) + ((5! \times 4!) - 3)) \times 2) - 1) \\
 281381 &:= (1 \times 2 - (3! \times (4! + 5!))) - (6 - (7 \times 8! + 9)) &= ((9 + (8! \times 7!/6!)) - 5) - ((4! \times (3!^2)) - 1) \\
 281382 &:= (1 + ((2 + 3!) \times (4 - 5!))) + (6 + (7 \times (8! + 9))) &= 9 + 8! + (((7^6) + ((5! \times 4!) - 3)) \times 2) + 1) \\
 281383 &:= (1 \times 2 - 3!!) - (4 + (5! + (6 - (7 \times 8! - 9)))) &= ((9 + 8! \times 7) - 6) + (5 - ((4! \times (3!^2)) + 1)) \\
 281384 &:= (1 - 2 \times 3!) + (4 - (5! + (6! - (7 \times 8! - 9)))) &= ((9 + 8! \times 7) - 6^5) + (((4!^3)/2) - 1) \\
 281385 &:= (1 - 2^{3!}) + ((4^5 + (6 \times 7! + 8)) \times 9) &= ((9 + 8! \times 7) - 6) + (5 - ((4! \times (3!^2)) - 1)) \\
 281386 &:= (1 + (2^{3!} \times (4! + 5!))) + ((6 \times (7! + 8!)) + 9) &= ((9 + 8!) \times 7) + (((((6 - 5!) \times 4) - 3) \times 2) + 1) \\
 281387 &:= (1 - (2 + 3!) \times 4!) - (5 + 6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - (6! + 5)) - ((4! \times (3! + 2)) - 1) \\
 281388 &:= (1 - (2 \times 3!! + 4)) - (5! - (6! + 7 \times 8! - 9)) &= 9 + 8! + (((7^6) + (5! \times 4 \times 3!)) \times 2) + 1) \\
 281389 &:= ((1 + 2 \times 3!) \times 4) - (5! + (6! - (7 \times (8! - 9)))) &= (9 + ((8! \times 7!/6!) + 5)) - ((4! \times (3!^2)) + 1) \\
 281390 &:= (1 - 2^{3!}) - ((4 + (5! \times 6)) - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6!) - (((5! - (4! - 3!)) \times 2) + 1) \\
 281391 &:= ((1 - 2^{3!}) \times 4!) - (5! - (6! + (7 \times (8! + 9)))) &= (9 + ((8! \times 7!/6!) + 5)) - ((4! \times (3!^2)) - 1) \\
 281392 &:= (1 - 2 \times 3!!) - ((4! \times 5) - (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!) + (((5^4) - 3!!) \times 2) - 1) \\
 281393 &:= (1 - (2 \times (3! + 4!))) - (5 + 6! - (7 \times (8! - 9))) &= (9 + (8! + 7)) - ((6 \times (5! + (4! - (3! + 2)!))) - 1) \\
 281394 &:= (1 - (2^{3!} \times 4)) + (5! - (6! - (7 \times 8! + 9))) &= 9 + 8! + (((7^6) + (5! \times 4! + 3)) \times 2) + 1) \\
 281395 &:= 1 \times 2 + 3! - (4 + (5! + (6! - (7 \times 8! - 9)))) &= ((9 + 8! \times 7) - (6! + (5! + 4))) - (3^2 + 1) \\
 281396 &:= (1 - (2 \times 3!! - 4)) - (5! - (6! + 7 \times 8! - 9)) &= ((9 + 8!) \times 7) + (((((6 - 5!) \times 4) + 3) \times 2) - 1) \\
 281397 &:= (1 - (2 + 3!) \times 4!) + (5 - (6! - (7 \times (8! + 9)))) &= (9 + 8! \times 7 + 6) + (5 - ((4! \times (3!^2)) - 1)) \\
 281398 &:= 1 + 2 \times 3! - (4! + (5! + (6! - (7 \times 8! + 9)))) &= ((9 + 8! \times 7) - (6 \times (5! + 4!))) + (3! \times 2 + 1) \\
 281399 &:= (1 - (2 \times (3 + 4!))) - (5 + 6! - (7 \times (8! - 9))) &= (((9 + 8!) \times 7!/6!) - 5) - (((4! + 3!)^2) - 1) \\
 281400 &:= 1 + 2 \times 3! - (4 + (5! + (6! - (7 \times 8! - 9)))) &= (9 + (8! \times 7 + (6! - 5!))) - (((4 + 3!!) \times 2) + 1) \\
 281401 &:= 1 \times 2 - (3!! + (4 + (5! + (6 - (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) - 6) + (5 - (((4! + 3!)^2) + 1)) \\
 281402 &:= (1 - 2 \times 3!) + (4 - (5! + (6! - (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) - (6 \times (5! + 4!))) - (3!^2 + 1) \\
 281403 &:= (1 - (2 \times (3! + 4!))) + (5 - (6! - (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - (6! + (5! - 4))) - (3^2 + 1) \\
 281404 &:= (1 - 2 \times 3!) + (4! - (5! + (6! - (7 \times 8! - 9)))) &= (((9 + 8!) \times 7) - 6) - (5 + (4! \times (3!^2 + 1))) \\
 281405 &:= (1 - ((2 \times (3!! + 4!)) + 5)) + (6! + (7 \times (8! - 9))) &= ((9 + 8! \times 7) - ((6 + 5!) - 4)) - (3!! + 2 \times 1) \\
 281406 &:= (1 - (2 \times 3!! + 4)) - (5! - (6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! - (5! + 4)))) - (3!! \times 2 - 1) \\
 281407 &:= ((1 \times 2 - (3!!/4)) \times 5) - (6 - (7 \times (8! + 9))) &= ((9 + 8!) \times 7!/6!) + (5 - (((4! + 3!)^2) + 1)) \\
 281408 &:= 1 + 2 \times 3! + (4 - (5! + (6! - (7 \times 8! - 9)))) &= (((9 + 8!) \times 7) + 6!) - (5 \times (((4! - 3!)^2) - 1))
 \end{aligned}$$

$$\begin{aligned}
 281409 &:= (1 - ((2 + 3!) \times 4)) - (5! - (6^7 + 8!/9)) &= (((9 + 8!) \times 7!/6!) + 5) - (((4! + 3!)^2) - 1) \\
 281410 &:= (1 - 2 \times 3!) - ((4! \times 5) - (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - (6! + 5!)) - ((4! + 3) \times 2 - 1) \\
 281411 &:= (1 - ((2^{3!} \times 4!) + 5)) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6!) + (((5 - 4!) \times (3^2)) - 1) \\
 281412 &:= 1 \times 2 - ((3 - 4) + (5! + (6! - (7 \times 8! + 9)))) &= (9 + (8! \times 7 + (6! - (5! - 4)))) - (3! \times 2 + 1) \\
 281413 &:= (1 - 2^{3!}) + (4! - (5 + 6! - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6!) + (((5 - 4!) \times (3^2)) + 1) \\
 281414 &:= (1 - (2 \times 3! - 4)) - (5! - (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6) + (5 - (4! \times (3!^2 + 1))) \\
 281415 &:= (1 - ((2 \times (3! + 4!)) - 5)) + (6! + (7 \times (8! - 9))) &= ((9 + 8! \times 7) - (6! + (5! + 4))) + 3^2 + 1 \\
 281416 &:= (1 - (2 \times 3! - (4! - 5!))) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6) - (5 + (4! \times (3!^2 + 1))) \\
 281417 &:= 1 - 2 \times 3! - (4! + (5 + 6! - (7 \times (8! - 9)))) &= 9 \times 8 - ((7 \times ((6 + 5!) - ((4!/3!) - 2))) - 1) \\
 281418 &:= 1 + 2 \times 3! - (4 + (5! + (6! - (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) - 6!) + (5 \times (4 - (3!^2 + 1))) \\
 281419 &:= (1 - (2^{3!} + 4!)) - (5 + 6! - (7 \times 8! - 9)) &= (9 \times (8! - 7!)) - (((6 + 5!) + 4^3)^2) + 1) \\
 281420 &:= ((1 - (2 \times 3^4)) \times 5) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7!/6!) + 5) - (4! \times (3!^2 + 1)) \\
 281421 &:= (1 - (2^{3!} \times 4!)) + (5 + (6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + (6 - (5! - 4)))) - (3! - (2 \times 1)) \\
 281422 &:= (1 - 2 \times 3!) + (4! - (5! + (6! - (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) + 6!) - (((5 \times 4!)/3)^2) + 1) \\
 281423 &:= (1 - 2^{3!}) + (4! + (5 - (6! - (7 \times (8! - 9)))))) &= ((9 + 8! \times 7) - (6! + (5! - 4))) + 3^2 + 1) \\
 281424 &:= (1 - 2^{3!}) - (((4 + 5!) \times 6) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) - (((5 \times 4!)/3)^2) - 1) \\
 281425 &:= (1 + ((2 - 3!) \times 4)) - (5! - (6^7 + 8!/9)) &= ((9 + 8! \times 7) - (6! + 5)) - (((4 + 3!)^2) - 1) \\
 281426 &:= 1 + 2 \times 3! + (4 - (5! + (6! - (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) + 6) + (5 - (4! \times (3!^2 + 1))) \\
 281427 &:= 1 - 2 \times 3! - (4! - (5 - (6! - (7 \times (8! - 9)))))) &= ((9 + 8! \times 7) - 6) + ((5^4) - (3! \times 2 + 1)) \\
 281428 &:= 1 + 2 \times 3! + (4! - (5! + (6! - (7 \times 8! - 9)))) &= (((9 + 8!) \times 7) - 6!) + (5 \times (4 - (3!^2 - 1))) \\
 281429 &:= (1 - (2^{3!} + 4!)) + (5 - (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - (6! + 5!)) - (4! + (3^2 + 1)) \\
 281430 &:= (1 + 2 \times 3! - 4!) + (5 + (6^7 + 8 \times 9)) &= (((9 + 8!) \times 7) - (6! + 5)) - (4 \times (3!^2 + 1)) \\
 281431 &:= (1 + (2^{3!} \times (4! + 5!))) + (6 \times (7! + 8! + 9)) &= ((9 + 8! - 7!) \times 6) + (((5! + 4! \times 3!)^2) + 1) \\
 281432 &:= (1 + 2^{3!}) - (4! + (5! + (6! - (7 \times 8! - 9)))) &= ((9 + 8! \times 7) - (6! - 5!)) - ((4! \times (3^2)) + 1) \\
 281433 &:= 1 \times 2 + (3 - (4! + (5 + 6! - (7 \times (8! - 9)))))) &= (((9 + 8!) \times 7!/6!) - 5) - ((4! \times (3!^2)) + 1) \\
 281434 &:= (1 - (2 \times (3 - 4!))) - (5! + (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - (6! - 5!)) - ((4! \times (3^2)) - 1) \\
 281435 &:= (1 \times 2 - 3! \times 4!) + (5! - (6! - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7!/6!) - 5) - ((4! \times (3!^2)) - 1) \\
 281436 &:= (1 \times 2 - 3 \times 4!) - (5 + 6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6! + (5! - 4))) + ((3! - 2)! - 1) \\
 281437 &:= (1 - 2 \times 3!) + ((4^5 + (6 \times 7! + 8)) \times 9) &= (((9 + 8!) \times 7) - 6) + (5 - ((4! \times (3!^2)) + 1)) \\
 281438 &:= ((1 - (2 \times 3^4)) \times 5) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6^5) + (((4!^3)/2) - 1) \\
 281439 &:= (1 - (2^{3!} \times 4!)) + (5 + (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6) + (5 - ((4! \times (3!^2)) - 1)) \\
 281440 &:= (1 - (2 + 3!) \times 4!) + (5! - (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - 6^5) + (((4!^3)/2) + 1) \\
 281441 &:= 1 + 2 \times 3! - (4! + (5 + 6! - (7 \times (8! - 9)))) &= ((9 + 8! \times 7 + 6) + 5^4) - (3! \times 2 - 1) \\
 281442 &:= (1 - 2^{3!}) - (((4 + 5!) \times 6) - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! + 5!)) - (4 - (3!^2 + 1)) \\
 281443 &:= ((1 + 2 \times 3!) \times 4) - (5! + (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - (6! + 5!)) + (4! + (3^2 + 1)) \\
 281444 &:= (1 - 2^{3!}) - ((4 + (5! \times 6)) - (7 \times 8! - 9)) &= 9 + 8! + (7 \times (6 - (5! - ((4! \times 3! \times 2) - 1)))) \\
 281445 &:= (1 - 2 \times (3! + 4)) - (5 - (6! + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7!/6!) + 5) - ((4! \times (3!^2)) - 1) \\
 281446 &:= (1 + (2 \times (3 + 4!))) - (5! + (6! - (7 \times 8! - 9))) &= (9 + 8! \times 7) + ((6 \times ((5 - (4! \times 3)) \times 2)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 281447 &:= (1 - (2 \times (3! + 4!))) - (5 + 6! - (7 \times 8! - 9)) &= (9 \times ((8!/7!) + (6^5 \times 4))) + 3!! \times 2 - 1 \\
 281448 &:= (1 - (2^{3!} \times 4)) + (5! - (6! - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - 6! + 5) - (4 \times (3!^2 - 1)) \\
 281449 &:= (1 - (2 \times 3!! \times 4!)) + ((5! + (6^7/8)) \times 9) &= (((9 + 8!) \times 7) - (6! + (5! + 4))) - (3^2 + 1) \\
 281450 &:= (1 + 2^{3!}) - (4! + (5! + (6! - (7 \times 8! + 9)))) &= ((9 + 8! \times 7) - (6! + (5! - 4))) + 3!^2 + 1 \\
 281451 &:= 1 + 2 \times 3! - (4! - (5 - (6! - (7 \times (8! - 9)))))) &= (((9 + 8!) \times 7) + 6) + (5 - ((4! \times (3!^2)) - 1)) \\
 281452 &:= (1 - 2^{3!}) + (4 - ((5! \times 6) - (7 \times 8! - 9))) &= 9 + 8! + ((7 \times (6 - (5! - (4! \times 3!! \times 2)))) + 1) \\
 281453 &:= (1 - (2 \times (3 + 4!))) - (5 + 6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6! + 5)) - ((4! \times 3) - (2 - 1)) \\
 281454 &:= (1 - (2 \times (3!! + 4! + 5))) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6! - 5!)) - (((4 + 3!!) \times 2) + 1) \\
 281455 &:= (1 - 2 \times (3!! + 4)) + (5 + (6! + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + (6! - 5!)) - ((4 + 3!!) \times 2 \times 1) \\
 281456 &:= (1 + 2^{3!}) - ((4! \times 5) + (6! - (7 \times 8! - 9))) &= (9 + (8! \times 7 + (6! - 5!))) + (((4! - 3!!) \times 2) - 1) \\
 281457 &:= ((1 + (2 \times ((3!! \times 4) + 5!))) + 6^7) - 8!/9 &= (((9 + 8!) \times 7) - (6! + (5! - 4))) - (3^2 + 1) \\
 281458 &:= (1 - (2 + 3!) \times 4!) + (5! - (6! - (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! - 5!))) + (((4! - 3!!) \times 2) + 1) \\
 281459 &:= (1 - ((2 \times (3!! + 4!)) + 5)) + (6! + 7 \times 8! - 9) &= 9 \times 8 - ((7 \times ((6 + 5!) - (4 + (3! + 2)!))) - 1) \\
 281460 &:= (1 + 2^{3!}) + (4 - (5! + (6! - (7 \times 8! - 9)))) &= (((9 + 8!) \times 7) + (6! - (5! + 4))) - (3!! \times 2 - 1) \\
 281461 &:= 1 + 2 \times 3! + ((4^5 + (6 \times 7! + 8)) \times 9) &= (9 + (8! \times 7 + 6!)) - ((5! - 4) \times (3! \times 2 + 1)) \\
 281462 &:= ((1 - 2 \times 3!) \times 4) - (5 + 6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6! + 5!)) + ((4! + 3) \times 2 - 1) \\
 281463 &:= (1 - (2 \times (3 + 4!))) + (5 - (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - (6! + 5 + 4!)) - (3!^2 + 1) \\
 281464 &:= (1 + (2 + 3!)) + (((4! - (5! - 6 \times 7!)) \times 8) - 9) &= ((9 + 8! \times 7) - (6! + (5!/4))) - (3!^2 - 1) \\
 281465 &:= (1 - (2 \times (3! + 4!))) - (5 + 6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! + 5 + 4!)) - (3!^2 - 1) \\
 281466 &:= 1 + 2 \times 3! - ((4 + (5! \times 6)) - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6! - (5! - 4))) - (3!! \times 2 + 1) \\
 281467 &:= (1 - 2^{3!}) + (4! - (5 + 6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + (6! - 5!)) - (4 \times (3!!/2 - 1)) \\
 281468 &:= (1 - (2 \times 3!! - 4)) - (5! - (6! + (7 \times (8! + 9)))) &= ((9 + 8! \times 7) - ((6 \times 5!) + 4!)) - (3!^2 + 1) \\
 281469 &:= (1 - ((2 \times (3!! + 4!)) - 5)) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - (6! + (5! + 4))) + 3^2 + 1 \\
 281470 &:= (1 - (2 \times 3^4)) + (5! - (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - ((6 \times 5!) + 4!)) - (3!^2 - 1) \\
 281471 &:= 1 - 2 \times 3! - (4! + (5 + 6! - (7 \times 8! - 9))) &= (9 \times ((8 + 7!) \times 6)) + ((5! \times ((4! \times 3) + 2)) - 1) \\
 281472 &:= ((1 - 2 \times 3!!) \times 4!) + ((5! + (6^7/8)) \times 9) &= (9 + (8! \times 7 + 6!)) - (((5 + (4! + 3!!)) \times 2) - 1) \\
 281473 &:= (1 + ((2 + (3 \times 4!)) \times 5!)) + (6 \times ((7! + 8) \times 9)) &= (9 \times ((8 + 7!) \times 6)) + ((5! \times ((4! \times 3) + 2)) + 1) \\
 281474 &:= (1 - (2 \times (3!! + (4! - 5)))) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - (6 \times (5! + 4))) + (3!^2 - 1) \\
 281475 &:= (1 - (2 \times (3! + 4!))) + (5 - (6! - (7 \times 8! + 9))) &= ((9 + 8! \times 7) - 6) + (5! - (4! \times (3!^2 + 1))) \\
 281476 &:= 1 - 2 \times 3! - (((4 + 5!) \times 6) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6 \times (5! + 4))) + 3!^2 + 1 \\
 281477 &:= (1 - 2^{3!}) + (4! + (5 - (6! - (7 \times 8! - 9)))) &= (((9 + 8!) \times 7) - (6! + (5! - 4))) + 3^2 + 1 \\
 281478 &:= (1 + (((2 + 3!)! - (4! + (5 + 6!))) \times 7)) + 8!/9 &= (((9 + 8!) \times 7) - (6! + (5! - 4))) + ((3! \times 2) - 1) \\
 281479 &:= 1 \times 2^{3!} + (4! - (5! + (6! - (7 \times 8! - 9)))) &= (((9 + 8!) \times 7) - (6! + 5)) - (((4 + 3!)^2) - 1) \\
 281480 &:= (1 + (2^{3!} + 4!)) - (5! + (6! - (7 \times 8! - 9))) &= (9 \times (8! - 7!)) - ((6! \times 5 + 4) \times (3^2 + 1)) \\
 281481 &:= 1 - 2 \times 3! - (4! - (5 - (6! - (7 \times 8! - 9)))) &= ((9 + 8! \times 7) - 6! + 5) - ((4! + 3) \times 2 - 1) \\
 281482 &:= (1 + (2 + 3!)) + (((4! - (5! - 6 \times 7!)) \times 8) + 9) &= ((9 + 8!) \times 7) + ((6 \times (5 - ((4! \times 3!) - 2))) + 1) \\
 281483 &:= (1 - (2 \times 3!! + 4! + 5)) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6) + ((5^4) - (3!! \times 2 - 1)) \\
 281484 &:= (((1 + (2 + 3!))! - (4! + (5 + 6!))) \times 7) + 8!/9 &= (((9 + 8!) \times 7) - (6! + (5! + 4))) + ((3! - 2)! + 1)
 \end{aligned}$$

$$\begin{aligned}
 281485 &:= (1 - 2^{3!}) + (4! - (5 + 6! - (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! + 5))) - (((4! + 3!!) \times 2) + 1) \\
 281486 &:= (((1 + (2 + 3!))! - (4 + 5!)) \times 6) - (7 - 8! + 9) &= (((9 + 8!) \times 7) - (6! - 5!)) - ((4! \times (3^2)) + 1) \\
 281487 &:= (1 - ((2 \times (3!! + 4!)) - 5)) + (6! + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + (5! - (4! \times (3!^2 + 1))) \\
 281488 &:= (1 - (2 \times 3!! + 4!)) + ((5! \times 6) + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - (6! - 5!)) - ((4! \times (3^2)) - 1) \\
 281489 &:= (1 + 2 \times 3!) \times (4 - ((5 \times (6! - 7! - 8)) - 9)) &= ((9 + 8! \times 7) - (6! + (5!/4))) - (3^2 + 1) \\
 281490 &:= (1 - 2^{3!}) + (((4 - 5!) \times 6) + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! + 5)) - (4! + (3^2 + 1)) \\
 281491 &:= (1 - (2^{3!} + 4!)) - (5 + 6! - (7 \times (8! + 9))) &= ((9 + 8! \times 7) - (6! + 5)) + (4 - (3!^2 + 1)) \\
 281492 &:= (1 - (2 \times (3!! + (4! - 5)))) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6!/5))) - (((4! + 3!)^2) + 1) \\
 281493 &:= (1 - (2 \times 3!! + 4!)) + (5 + (6! + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6! + 5)) + (4 - (3!^2 - 1)) \\
 281494 &:= 1 - 2 \times 3! - (((4 + 5!) \times 6) - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6! + 5!)) - (4 - (3!^2 - 1)) \\
 281495 &:= 1 + 2 \times 3! - (4! + (5 + 6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - ((6 \times 5!) + 4!)) - (3^2 + 1) \\
 281496 &:= 1 - 2 \times 3! - ((4 + (5! \times 6)) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6! + 5!)) - (4 - (3!^2 + 1)) \\
 281497 &:= (1 \times 2 - 3!!) + (4 - (5!/6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - (6! + 5!)) + (4! + (3^2 + 1)) \\
 281498 &:= (1 + (2^{3!} + 4!)) - (5! + (6! - (7 \times 8! + 9))) &= ((9 + 8! \times 7) - (6 \times 5! - 4)) - (3!^2 - 1) \\
 281499 &:= (1 - 2 \times (3!! + 4)) - (5 - (6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! - (5 + 4!)))) - (3!! \times 2 + 1) \\
 281500 &:= 1 + 2 \times 3! - (((4 + 5!) \times 6) - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6! + 5) - (4! + (3^2 + 1)) \\
 281501 &:= (1 - (2 \times 3!! + 4! + 5)) + (6! + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6! + 5) + (4 - (3!^2 + 1)) \\
 281502 &:= 1 \times 2^{3!} - (4! - (5 - (6! - (7 \times (8! - 9)))))) &= (((9 + 8!) \times 7) - (6! + (5! - 4))) + (3!^2 - 1) \\
 281503 &:= (1 - (2 \times 3!! + 4)) - (5 - (6! + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6! + 5) + (4 - (3!^2 - 1)) \\
 281504 &:= (1 - 2 \times 3!) + (4 - ((5! \times 6) - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - (6! + (5! - 4))) + 3!^2 + 1 \\
 281505 &:= 1 + 2 \times 3! - (4! - (5 - (6! - (7 \times 8! - 9)))) &= (9 \times (8 + ((7! \times 6) + 5!))) + ((4^{3!} \times 2) + 1) \\
 281506 &:= (1 - (2 \times 3!! + 4!)) + ((5! \times 6) + (7 \times 8! + 9)) &= (9 + ((8! \times 7!/6!) + 5!)) - ((4! \times (3!^2)) - 1) \\
 281507 &:= (1 + (2 \times (3 + 4!))) - (5 + 6! - (7 \times (8! - 9))) &= 9 \times 8 - ((7!/6!) \times (5! - (4 + ((3! + 2)! + 1)))) \\
 281508 &:= (1 - 2 \times 3!!) - (4 - ((5! \times 6) + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6 \times 5! - 4)) - ((3! - 2)! + 1) \\
 281509 &:= (1 - 2 \times (3!! + 4)) + (5 + (6! + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6! + (5!/4))) + 3^2 + 1 \\
 281510 &:= (1 - 2^{3!}) - (4 - (5! - (6! - (7 \times (8! - 9)))))) &= ((9 + 8! \times 7) - (6! + 5 + 4!)) + 3^2 + 1 \\
 281511 &:= (1 - (2 \times (3!! \times 4! + (5 + 6!)))) - ((7! - 8!) \times 9) &= 9 + 8! - 7 - ((6 \times (5! - ((4!/3)! - 2))) - 1) \\
 281512 &:= (1 + 2 \times 3!!) - (4! \times 5! - (6! + 7 \times 8! - 9)) &= (9 + 8! \times 7 + 6) + (5! - ((4! \times (3!^2)) - 1)) \\
 281513 &:= (1 + 2^{3!}) + ((4^5 + (6 \times 7! + 8)) \times 9) &= ((9 + 8! \times 7) - (6! + (5 - 4!))) - (3!^2 - 1) \\
 281514 &:= 1 - 2 \times 3! - ((4 + (5! \times 6)) - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - ((6 \times 5!) + 4)) - ((3! \times 2) - 1) \\
 281515 &:= (1 + 2 \times 3!) \times (4! - ((5 \times (6! - 7! - 8)) + 9)) &= ((9 + 8! \times 7) - ((6 \times 5!) + 4)) - (3^2 + 1) \\
 281516 &:= (1 - 2 \times 3!!) + (4 + ((5! \times 6) + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6! + 5!)) + ((4! + 3) \times 2 - 1) \\
 281517 &:= (1 - 2 \times (3!! + 4)) - (5 - (6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! - 5))) - (((4 + 3!!) \times 2) - 1) \\
 281518 &:= 1 + 2 \times 3! - (((4 + 5!) \times 6) - (7 \times 8! + 9)) &= 9 + 8 \times 7! - ((6 \times (5! - ((4!/3)! - 2))) - 1) \\
 281519 &:= (1 - 2 \times 3!) + (4! - (5 + 6! - (7 \times 8! - 9))) &= ((9 \times (8!/7)) - 6!) + (((5! \times (4!/3!))^2) - 1) \\
 281520 &:= 1 + 2 \times 3! - ((4 + (5! \times 6)) - (7 \times 8! - 9)) &= ((9 \times (8 + 7!)) - (6 \times (5! \times 4!))) \times (3^2 + 1) \\
 281521 &:= (1 + ((2 - 3!) \times ((4! - 5!) \times 6!)) + ((7! + 8!)/9) &= ((9 \times (8!/7)) - 6!) + (((5! \times (4!/3!))^2) + 1) \\
 281522 &:= (1 - 2 \times 3!) + (4 - ((5! \times 6) - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - ((6 \times 5!) + 4!)) - (3!^2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 281523 &:= 1 + 2 \times 3! - (4! - (5 - (6! - (7 \times 8! + 9)))) &= ((9 + 8! \times 7) - (6 \times 5! - 4)) - (3^2 + 1) \\
 281524 &:= (1 - ((2 + 3!!) \times 4)) - (5 - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - ((6 \times 5!) + 4!)) - (3!^2 - 1) \\
 281525 &:= 1 - 2 \times 3! - (4! \times 5! - (6^7 + 8!/9)) &= (9 + (8! + 7)) - ((6 \times (5! - ((4!/3)! - 2))) - 1) \\
 281526 &:= (1 - 2 \times 3!!) - (4 - ((5! \times 6) + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6!) - (((5 + (4! + 3!!)) \times 2) - 1) \\
 281527 &:= (1 - 2 \times (3!! + 4)) + (5 + (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - (6! - (5 - 4!))) - (3!^2 + 1) \\
 281528 &:= 1 + 2 \times 3! + (4 - ((5! \times 6) - (7 \times 8! - 9))) &= (9 + (8! \times 7 + (6!/5))) - ((4! \times (3!^2)) + 1) \\
 281529 &:= (1 - 2 \times 3!) + (4! + (5 - (6! - (7 \times 8! - 9)))) &= (9 - (8! - 7!)) + ((6 \times 5!) \times (((4! - 3!)^2) - 1)) \\
 281530 &:= (1 + 2 \times 3!!) - (4! \times 5! - (6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6!/5))) - ((4! \times (3!^2)) - 1) \\
 281531 &:= (1 - (2 \times (3!! \times 4! - (5 - 6!)))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - (((6! - (5 - (4! \times 3!!))) \times 2) - 1) \\
 281532 &:= (1 + 2^{3!}) + (4 - (5! + (6! - (7 \times (8! + 9)))))) &= ((9 + 8! \times 7) - 6) - ((5 \times ((4! \times 3!) - 2)) + 1) \\
 281533 &:= (1 - 2 \times (3!! - 4)) - (5 - (6! + (7 \times 8! + 9))) &= 9 + 8! - 7 - ((6 \times (5! - ((4!/3)! + 2))) + 1) \\
 281534 &:= (1 - ((2 + 3!!) \times 4)) + (5 + (6^7 + 8!/9)) &= ((9 + 8! \times 7) - (6! + (5!/4))) + (3!^2 - 1) \\
 281535 &:= (1 - (2 \times (3 + 4!))) + (5 - (6! - (7 \times (8! + 9)))) &= ((9 + 8! \times 7) - ((6 \times 5!) + 4)) + 3^2 + 1 \\
 281536 &:= (1 - 2 \times 3!!) + (((4 + 5!) \times 6) + 7 \times 8! - 9) &= ((9 + 8! \times 7) - (6! + (5!/4))) + 3!^2 + 1 \\
 281537 &:= (1 - 2 \times 3!) + (4! - (5 + 6! - (7 \times 8! + 9))) &= ((9 + 8! \times 7) - (6! + 5 + 4!)) + 3!^2 + 1 \\
 281538 &:= 1 + 2 \times 3! - ((4 + (5! \times 6)) - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! + (5 - 4!))) - (3^2 + 1) \\
 281539 &:= (1 - (2 \times 3!! - 4)) + (5 + (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6! + 5)) - (((4! + 3!!) \times 2) + 1) \\
 281540 &:= (1 + ((2 - 3!!) \times 4)) - (5 - (6^7 + 8!/9)) &= ((9 + 8! \times 7) - ((6 \times 5!) + 4!)) + (3!^2 - 1) \\
 281541 &:= (1 - 2 \times 3!! + 4!) + (5 + (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) + (5! - (4! \times (3!^2 + 1))) \\
 281542 &:= (1 - 2 \times 3!) + (((4 - 5!) \times 6) + (7 \times 8! + 9)) &= 9 + 8 \times 7! - ((6 \times (5! - ((4!/3)! + 2))) - 1) \\
 281543 &:= 1 + 2 \times 3! + (4! - (5 + 6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - (6 \times 5! - 4)) + 3^2 + 1 \\
 281544 &:= (1 - (2^{3!} + 4!)) + (5! - (6! - (7 \times 8! - 9))) &= 9 - ((8!/7) - (((6! - 5!) - 4^3)^2) - 1) \\
 281545 &:= 1 \times 2^{3!} + (((4 - 5!) \times 6) + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - (6! + 5)) + (4 - (3!^2 + 1)) \\
 281546 &:= 1 + 2 \times 3! + (4 - ((5! \times 6) - (7 \times 8! + 9))) &= 9 - ((8!/7) - (((6! - 5!) - 4^3)^2) + 1) \\
 281547 &:= (1 + 2^{3!}) - (4! + (5 + 6! - (7 \times 8! - 9))) &= (9 + (8! + 7)) - ((6 \times (5! - ((4!/3)! + 2))) + 1) \\
 281548 &:= 1 + 2 \times 3! + (((4 - 5!) \times 6) + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6!/5)) - (((4! + 3!)^2) - 1) \\
 281549 &:= 1 + 2 \times 3! - (4! \times 5! - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - ((6 \times 5!) + 4!)) - (3^2 + 1) \\
 281550 &:= (1 + ((2 - 3!!) \times 4)) + (5 + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - (6 \times 5! - 4)) - (3!^2 + 1) \\
 281551 &:= (1 + (2^{3!} + 4!)) + (5 - (6! - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - (6! - (5 - 4!))) - (3! \times 2 + 1) \\
 281552 &:= (1 + 2^{3!}) - (((4 + 5!) \times 6) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6 \times 5! - 4)) - (3!^2 - 1) \\
 281553 &:= 1 + 2 \times 3! + (4! + (5 - (6! - (7 \times 8! - 9)))) &= (((9 + 8!) \times 7) + (6! - (5 + 4!))) - (3!! \times 2 + 1) \\
 281554 &:= (1 + (2 \times 3^4)) - (5! + (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - 6! + 5) - (4! + (3^2 + 1)) \\
 281555 &:= (1 + 2 \times 3! \times 4) - (5 + 6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6! + 5) + (4 - (3!^2 + 1)) \\
 281556 &:= (1 - 2 \times 3!) \times (4 - ((5 \times (6! + (7! + 8!)))/9)) &= ((9 + 8! \times 7) - (6 \times 5! - 4)) + ((3! - 2)! - 1) \\
 281557 &:= (1 + 2^{3!}) - (4! - (5 - (6! - (7 \times 8! - 9)))) &= (((9 + 8!) \times 7) - 6! + 5) + (4 - (3!^2 - 1)) \\
 281558 &:= ((1 + 2 \times 3!) \times 4) - (5 + 6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6! + 5)) + (4! + (3^2 + 1)) \\
 281559 &:= (1 - (2 \times (3 - 4!))) + (5 - (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + (6!/5)) - (4! \times (3!^2 + 1)) \\
 281560 &:= (1 + (2 \times (3! \times (4 - 5!)))) + (6! + 7 \times 8! - 9) &= (9 \times (8! - 7!)) - ((6! \times 5 - 4) \times (3^2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 281561 &:= (1 + (2 \times (3 + 4!))) - (5 + 6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6! + (5 - 4!))) + (3! \times 2 + 1) \\
 281562 &:= (1 - (2^{3!} + 4!)) + (5! - (6! - (7 \times 8! + 9))) &= ((9 + 8! \times 7) - ((6 \times 5!) + 4)) + 3!^2 + 1 \\
 281563 &:= ((1 + 2^{3!}) \times 4!) - (5 - (6^7 + 8 \times 9)) &= (((9 + 8!) \times 7) - (6! - 5!)) - (4 \times (3!^2 - 1)) \\
 281564 &:= (1 - 2^{3!}) - (4 - (5! - (6! - (7 \times 8! - 9)))) &= (((9 + 8!) \times 7) + 6 + 5!) - ((4! \times (3!^2)) + 1) \\
 281565 &:= (1 + 2 \times 3! \times 4) + (5 - (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6! + 5) - (4 - (3!^2 - 1)) \\
 281566 &:= 1 + 2 \times 3! + (((4 - 5!) \times 6) + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6) + (5! - ((4! \times (3!^2)) - 1)) \\
 281567 &:= (1 + (2 \times (3! + 4!))) - (5 + 6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6! + 5) - (4 - (3!^2 + 1)) \\
 281568 &:= ((1 + 2 \times 3!) \times 4) + (5 - (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6! + 5) + (4! + (3^2 + 1)) \\
 281569 &:= (1 - ((2 - 3^4) \times 5!)) + ((6 \times 7! - 8) \times 9) &= (((9 + 8!) \times 7) - ((6 \times 5!) + 4)) - (3^2 + 1) \\
 281570 &:= (1 - (2 \times (3!! - (4! + 5)))) + (6! + 7 \times 8! - 9) &= ((9 + 8! \times 7) - (6 \times 5! - 4)) + 3!^2 + 1 \\
 281571 &:= (1 + (2 \times (3 + 4!))) + (5 - (6! - (7 \times 8! - 9))) &= (9 + (8! \times 7 + (6! - 5))) + (((4! - 3!!) \times 2) - 1) \\
 281572 &:= (1 + 2^{3!}) - ((4 + (5! \times 6)) - (7 \times 8! - 9)) &= (9 + (8! + 7!)) + (6 + (((5! \times 4) + 3!)^2 + 1)) \\
 281573 &:= (1 + 2 \times 3! \times 4) - (5 + 6! - (7 \times 8! + 9)) &= (9 \times (8 + 7! - 6)) + (((5! \times 4) + 3!)^2 - 1) \\
 281574 &:= (1 - (2 \times 3!! + 4 - 5!)) + (6! + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - (6! - (5 - 4!))) + 3^2 + 1 \\
 281575 &:= (1 + 2^{3!}) - (4! - (5 - (6! - (7 \times 8! + 9)))) &= (9 \times (8 + 7! - 6)) + (((5! \times 4) + 3!)^2 + 1) \\
 281576 &:= ((1 + 2 \times 3!) \times 4) - (5 + 6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6! - (5!/4))) - (3!^2 + 1) \\
 281577 &:= (1 + (2 \times (3! + 4!))) + (5 - (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - (6 \times 5! - 4)) - (3^2 + 1) \\
 281578 &:= (1 - (2 \times (3 + 4!))) + (5! - (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - (6! - (5!/4))) - (3!^2 - 1) \\
 281579 &:= (1 + (2 \times (3 + 4!))) - (5 + 6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6! - (5!/4))) - (3!! \times 2 - 1) \\
 281580 &:= (1 + 2^{3!}) + (4 - ((5! \times 6) - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + (6 \times 5! - 4)) - (3!! \times 2 - 1) \\
 281581 &:= (1 - 2 \times (3!! + 4)) + (5 + (6! + (7 \times (8! + 9)))) &= ((9 + 8! \times 7) - 6) - ((5^4) + (3!^2 + 1)) \\
 281582 &:= (1 - 2^{3!}) - (4 - (5! - (6! - (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) + (6!/5)) - ((4! \times (3!^2)) + 1) \\
 281583 &:= (1 + 2 \times 3! \times 4) + (5 - (6! - (7 \times 8! + 9))) &= (((9 + 8! \times 7) - 6) - (5^4)) - (3!^2 - 1) \\
 281584 &:= (1 + ((2 + 3!) \times 4!)) - (5! + (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + (6!/5)) - ((4! \times (3!^2)) - 1) \\
 281585 &:= (1 - ((2 \times (3!^4 + 5!)) - 6^7)) + 8!/9 &= ((9 + 8! \times 7) - (6! + (5 - 4!))) + 3!^2 + 1 \\
 281586 &:= ((1 + 2 \times 3!) \times 4) + (5 - (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6) - ((5 \times ((4! \times 3!) - 2)) + 1) \\
 281587 &:= ((1 - 2 \times 3!) \times 4) + (5! - (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6! + 5) + ((4! + 3) \times 2 - 1) \\
 281588 &:= (1 - (2 \times (3!! - (4! + 5)))) + (6! + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! - (5! - 4!))) - (3!^2 + 1) \\
 281589 &:= (1 + (2 \times (3 + 4!))) + (5 - (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - ((6 \times 5!) + 4)) + 3^2 + 1 \\
 281590 &:= (1 + 2^{3!}) - ((4 + (5! \times 6)) - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! - (5! - 4!))) - (3!^2 - 1) \\
 281591 &:= (1 - 2 \times 3!) + (4! - (5 + 6! - (7 \times (8! + 9)))) &= (9 \times (8! - (7 \times ((6!/5!)^4)))) + (3!!/2 - 1) \\
 281592 &:= (1 - 2^{3!}) + (4! + (5! - (6! - (7 \times 8! - 9)))) &= (((9 + 8!) \times 7) - (6! + (5 - 4!))) - (3^2 + 1) \\
 281593 &:= (1 - (2 \times 3!! - 4)) + (5 + (6! + (7 \times (8! + 9)))) &= (9 + 8! \times 7 + 6) - ((5^4) + (3!^2 + 1)) \\
 281594 &:= 1 + 2 \times 3! + (4 + 5! - (6! - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - ((6 \times 5!) + 4!)) + (3!^2 - 1) \\
 281595 &:= (1 + (2^{3!} + 4!)) - (5 + 6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7 + 6) - (5^4)) - (3!^2 - 1) \\
 281596 &:= 1 - 2 \times 3! - (4! - (5! - (6! - (7 \times 8! - 9)))) &= ((9 + 8! \times 7) - (6! - 5!)) - ((4! + 3) \times 2 - 1) \\
 281597 &:= ((1 + 2^{3!}) \times 4) - (5! + (6! - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - (6 \times 5! - 4)) + 3^2 + 1 \\
 281598 &:= (1 + 2^{3!}) + (4 - ((5! \times 6) - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6) - ((5 \times ((4! \times 3!) - 2)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 281599 &:= 1 \times 2^{3!} + (((4-5!) \times 6) + 7 \times 8! - 9) &= (((9+8!) \times 7) - (6! - (5-4!))) + (3!^2 - 1) \\
 281600 &:= (1 - 2 \times 3!) \times (4^5 - ((6^7 - 8!)/9)) &= (((9+8!) \times 7) + 6) - ((5 \times ((4! \times 3!) - 2)) - 1) \\
 281601 &:= ((1 + 2^{3!}) - (4! \times 5! - 6^7)) + 8!/9 &= (((9+8!) \times 7) - (6! - (5-4!))) + 3!^2 + 1 \\
 281602 &:= (1 + ((2+3!) \times 4!)) - (5! + (6! - (7 \times 8! + 9))) &= 9 + 8! - ((7 + (6^5)) \times (4 - (3!^2 - 1))) \\
 281603 &:= (1 - 2 \times 3!! + 4!) - (5 - (6! + (7 \times (8! + 9)))) &= (((9+8!) \times 7) - (6! - (5!/4))) - (3^2 + 1) \\
 281604 &:= 1 \times 2^{3!} + (4! + (5 - (6! - (7 \times 8! - 9)))) &= (((9+8!) \times 7) - ((6 \times 5!) + 4)) + ((3! - 2)! + 1) \\
 281605 &:= (1 + (2^{3!} + 4!)) + (5 - (6! - (7 \times 8! - 9))) &= (9 + (8! \times 7 + 6!)) - ((5! + 4) \times ((3! \times 2) - 1)) \\
 281606 &:= 1 \times 2 + (3 + (4! + (5! - (6! - (7 \times (8! - 9)))))) &= (((9+8!) \times 7) + (6 \times 5!)) + (4! - (3!! \times 2 + 1)) \\
 281607 &:= (1 \times 2 + 3^4) - (5 + 6! - (7 \times 8! + 9)) &= ((9 \times ((8 + 7!/6) - 5)) + 4!) \times (3!^2 + 1) \\
 281608 &:= (1 - (2 \times 3!! + (4! - 5!))) + (6! + 7 \times 8! - 9) &= (((9+8! \times 7) - 6) - (5^4)) - (3^2 + 1) \\
 281609 &:= 1 \times 2 + 3! + (4! + (5! - (6! - (7 \times (8! - 9)))))) &= (((9+8!) \times 7) - (6! + 5)) - (4 - (3!^2 - 1)) \\
 281610 &:= (1 - 2^{3!}) + (4! + (5! - (6! - (7 \times 8! + 9)))) &= ((9+8! \times 7) - (6! - (5! - 4!))) - (3!^2 - 1) \\
 281611 &:= 1 \times 2 + 3! + (4 \times 5 - (6! - (7 \times (8! + 9)))) &= ((9+8!/7!) - 6) \times (((5! \times 4)/3)^2) + 1) \\
 281612 &:= 1 \times 2^{3!} + (4! - (5 + 6! - (7 \times 8! + 9))) &= (((9+8!) \times 7) - (6! + 5)) + (4! + (3^2 + 1)) \\
 281613 &:= (1 + (2^{3!} + 4!)) - (5 + 6! - (7 \times 8! + 9)) &= (((9+8!) \times 7) + (6! + 5)) + (4! - (3!! \times 2 - 1)) \\
 281614 &:= 1 - 2 \times 3! - (4! - (5! - (6! - (7 \times 8! + 9)))) &= ((9 + (8! \times 7!/6!)) - (5^4)) - (3^2 + 1) \\
 281615 &:= (1 + (2 \times 3^4)) - (5 + 6! - (7 \times (8! - 9))) &= ((9+8! \times 7) - (6! - 5!)) - (4! + (3^2 + 1)) \\
 281616 &:= 1 - 2 \times 3! - (4 - (5! - (6! - (7 \times 8! - 9)))) &= ((9+8! \times 7) - (6! - 5!)) + (4 - (3!^2 + 1)) \\
 281617 &:= 1 \times 2^{3!} + (((4-5!) \times 6) + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) - ((5^4) + (3! \times 2 + 1)) \\
 281618 &:= (1 + 2^{3!}) + (((4-5!) \times 6) + (7 \times 8! + 9)) &= ((9+8! \times 7) - (6! - 5!)) + (4 - (3!^2 - 1)) \\
 281619 &:= (((1 + 2 \times 3!!) \times 4!) - (5! - 6)) \times 7 + (8! + 9) &= (((9+8!) \times 7) - 6! + 5) - (4 - (3!^2 - 1)) \\
 281620 &:= 1 + 2 \times 3! - (4! - (5! - (6! - (7 \times 8! - 9)))) &= ((9+8! \times 7 + 6) - (5^4)) - (3^2 + 1) \\
 281621 &:= (1 - (2 \times (3-4!))) - (5 + 6! - (7 \times (8! + 9))) &= (((9+8!) \times 7) - 6! + 5) - (4 - (3!^2 + 1)) \\
 281622 &:= ((1 - (2^{3!} \times 4)) \times 5) + (6! + (7 \times (8! - 9))) &= (((9+8!) \times 7) - 6! + 5) + (4! + (3^2 + 1)) \\
 281623 &:= (1 + (2^{3!} + 4!)) + (5 - (6! - (7 \times 8! + 9))) &= (((9+8!) \times 7) - (6! - (5!/4))) + 3^2 + 1 \\
 281624 &:= (1 - 2 \times 3!) + (4 + 5! - (6! - (7 \times 8! - 9))) &= ((9+8! \times 7) - (6! + 5!)) + ((4! \times 3^2) - 1) \\
 281625 &:= (1 + (2 \times 3^4)) + (5 - (6! - (7 \times (8! - 9)))) &= (((9+8!) \times 7) + (6! - 5)) + (((4! - 3!!) \times 2) - 1) \\
 281626 &:= (1 - (2 \times 3!! + (4! - 5!))) + (6! + (7 \times 8! + 9)) &= ((9+8! \times 7) - (6! + 5!)) + ((4! \times 3^2)) + 1) \\
 281627 &:= (1 + 2 \times 3! \times 4) - (5 + 6! - (7 \times (8! + 9))) &= (9 \times (8 + 7!)) + (((6 + (5! \times (4!/3!)))^2) - 1) \\
 281628 &:= (1 - (2 \times 3!! + 4 - 5!)) + (6! + 7 \times 8! - 9) &= (((9+8! \times 7) - 6) - (5^4)) + 3^2 + 1 \\
 281629 &:= ((1 + 2 \times 3!) \times 4) + (5! - (6! - (7 \times (8! - 9)))) &= (9 \times (8 + 7!)) + (((6 + (5! \times (4!/3!)))^2) + 1) \\
 281630 &:= ((1 + 2 \times 3!) \times 4) - (5 + 6! - (7 \times (8! + 9))) &= (((9+8!) \times 7) + (6 \times 5!)) + (((4! - 3!!) \times 2) - 1) \\
 281631 &:= (1 - (2 \times (3-4!))) + (5 - (6! - (7 \times (8! + 9)))) &= (((9+8!) \times 7) - (6! + 5)) + ((4! + 3) \times 2 - 1) \\
 281632 &:= (1 - ((2-3^4) \times 5!)) + ((6 \times (7! + 8!)) - 9) &= (((9+8!) \times 7) + (6 \times 5!)) + (((4! - 3!!) \times 2) + 1) \\
 281633 &:= (1 + (2 \times (3+4!))) - (5 + 6! - (7 \times (8! + 9))) &= (9 \times (8 + 7!)) + ((6 + (((5! \times 4) + 3!^2))) - 1) \\
 281634 &:= 1 - 2 \times 3! - (4 - (5! - (6! - (7 \times 8! + 9)))) &= ((9 + (8! \times 7!/6!)) - (5^4)) + 3^2 + 1 \\
 281635 &:= 1 \times 2 + 3! - (4 - (5! - (6! - (7 \times 8! - 9)))) &= ((9+8! \times 7) - (6! - (5! - 4!))) - (3^2 + 1) \\
 281636 &:= ((1 - 2 \times 3!) \times (4 - (5 \times 6! \times 7))) + 8!/9 &= ((9+8! \times 7) - (6! - (5! - 4!))) + ((3! \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 281637 &:= (1 + 2 \times 3! \times 4) + (5 - (6! - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - 6) - (5^4) - (3!^2 - 1) \\
 281638 &:= 1 + 2 \times 3! - (4! - (5! - (6! - (7 \times 8! + 9)))) &= ((9 + 8! \times 7) - (6! - (5! - 4!))) + (3! \times 2 + 1) \\
 281639 &:= (1 + (2 \times (3! + 4!))) - (5 + 6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - (6! + (5 - 4!))) + 3!^2 + 1 \\
 281640 &:= 1 + 2 \times 3! - (4 - (5! - (6! - (7 \times 8! - 9)))) &= ((9 + 8! \times 7 + 6) - (5^4)) + 3^2 + 1 \\
 281641 &:= (1 \times 2 - 3!!) - (4 - (5! - (6 - (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) - 6! + 5) + ((4! + 3) \times 2 - 1) \\
 281642 &:= (1 - 2 \times 3!) + (4 + 5! - (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - (6! - (5! - 4!))) - (3!^2 + 1) \\
 281643 &:= (1 + (2 \times (3 + 4!))) + (5 - (6! - (7 \times (8! + 9)))) &= ((9 + 8! \times 7) - (6! - (5! + 4!))) - (3^2 + 1) \\
 281644 &:= (1 - 2 \times 3!) + (4! + (5! - (6! - (7 \times 8! - 9)))) &= (((9 + 8!) \times 7) - (6! - (5! - 4!))) - (3!^2 - 1) \\
 281645 &:= (1 + ((2 + 3!) \times 4!)) - (5 + 6! - (7 \times (8! - 9))) &= ((9 + 8 \times 7) + (6! \times (5!/4))) \times (3! \times 2 + 1) \\
 281646 &:= (1 + (((2 \times 3! - 4)! - (5 + 6!)) \times 7)) + 8!/9 &= (9 + (8! \times 7 + (6! + (5! - 4)))) - (3!! \times 2 - 1) \\
 281647 &:= (1 + 2^{3!}) + (4 - 5 - (6! - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + 6) - ((5^4) + (3!^2 + 1)) \\
 281648 &:= 1 + 2 \times 3! + (4 + 5! - (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - (6! - (5!/4))) + (3!^2 - 1) \\
 281649 &:= (1 - ((2 + 3!!) \times 4)) + (5! + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6) - (5^4) - (3!^2 - 1) \\
 281650 &:= (1 - ((2 - 3^4) \times 5!)) + ((6 \times (7! + 8!)) + 9) &= (((9 + 8!) \times 7) - (6! - 5!)) - ((4! + 3) \times 2 - 1) \\
 281651 &:= ((1 + 2^{3!}) \times 4) - (5! + (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - (6! - 5!)) - (4 \times (3! \times 2 + 1)) \\
 281652 &:= (1 + 2^{3!}) + (4 - ((5! \times 6) - (7 \times (8! + 9)))) &= (9 + (8! \times 7 + (6! + (5! + 4)))) - (3!! \times 2 + 1) \\
 281653 &:= 1 \times 2 + 3! - (4 - (5! - (6! - (7 \times 8! + 9)))) &= (((9 + 8! \times 7) - 6) - (5^4)) + (3!^2 - 1) \\
 281654 &:= (1 - (2 \times 3!! - (4 + 5!))) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6! + 5!)) - (((4! + 3!!) \times 2) + 1) \\
 281655 &:= (1 + ((2 + 3!) \times 4!)) + (5 - (6! - (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - (6! - (5! - 4))) + 3^2 + 1 \\
 281656 &:= (1 - 2 \times 3!! + 4!) + (5! + (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! + 5!)) - (((4! + 3!!) \times 2) - 1) \\
 281657 &:= 1 \times 2 - (((3!! \times 4!)/(5 \times 6)) - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! + 5!))) + ((4 - 3!!) \times 2 \times 1) \\
 281658 &:= 1 + 2 \times 3! - (4 - (5! - (6! - (7 \times 8! + 9)))) &= (9 + (8! \times 7 + (6! + 5!))) + (((4 - 3!!) \times 2) + 1) \\
 281659 &:= ((1 - 2 \times 3!) \times 4) + (5! - (6! - (7 \times (8! + 9)))) &= ((9 + (8! \times 7!/6!)) - (5^4)) + (3!^2 - 1) \\
 281660 &:= (1 \times 2 + 3^4) + (5! - (6! - (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - (6! - (5! - 4!))) + (3!^2 - 1) \\
 281661 &:= (1 - 2^{3!}) - (4 \times (5! - (6 \times 7! + 8! - 9))) &= ((9 + (8! \times 7!/6!)) - (5^4)) + 3!^2 + 1 \\
 281662 &:= (1 - 2 \times 3!) + (4! + (5! - (6! - (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) - 6) - (5^4) - (3^2 + 1) \\
 281663 &:= (1 + (((2 + 3!)! + (4! - 5!)) \times 6) + 7) + (8! - 9) &= ((9 + 8! \times 7) - (6! - (5! + 4))) + 3^2 + 1 \\
 281664 &:= (1 - 2^{3!}) - ((4 \times (5! + 6)) - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6! + 5)) + (4 \times (3!^2 - 1)) \\
 281665 &:= (1 + ((2 - 3!!) \times 4)) + (5! + (6^7 + 8!/9)) &= ((9 + 8! \times 7 + 6) - (5^4)) + (3!^2 - 1) \\
 281666 &:= 1 + 2 \times 3! + (4 + 5! - (6! - (7 \times 8! + 9))) &= ((9 + 8! \times 7) - (6! - (5! + 4))) + (3! \times 2 + 1) \\
 281667 &:= (1 + (2^{3!} + 4!)) - (5 + 6! - (7 \times (8! + 9))) &= ((9 + 8! \times 7 + 6) - (5^4)) + 3!^2 + 1 \\
 281668 &:= 1 + 2 \times 3! + (4! + (5! - (6! - (7 \times 8! - 9)))) &= (((9 + 8!) \times 7!/6!) - (5^4)) - (3^2 + 1) \\
 281669 &:= (1 + (2 \times 3^4)) - (5 + 6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6! - 5!)) - (4! + (3^2 + 1)) \\
 281670 &:= (1 \times 2 + 3! \times 4!) - (5 + 6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6! - 5!)) + (4 - (3!^2 + 1)) \\
 281671 &:= 1 \times 2^{3!} - (4! - (5! - (6! - (7 \times 8! - 9)))) &= (((9 + 8!) \times 7) + 6) - ((5^4) + (3! \times 2 + 1)) \\
 281672 &:= (1 + 2^{3!}) - (4! - (5! - (6! - (7 \times 8! - 9)))) &= ((9 + 8! \times 7) - 6!) - (5 - (4 \times (3!^2 + 1))) \\
 281673 &:= ((1 + ((2 - 3!) \times (4! - 5!))) \times 6!) - (7 - 8!/9) &= (((9 + 8!) \times 7) + 6) - ((5^4) + ((3! \times 2) - 1)) \\
 281674 &:= (1 - (2 \times (3 - 4!))) + (5! - (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + 6) - (5^4) - (3^2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 281675 &:= (1 \times 2 - (3!! + (4! - 5!))) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - (6! + 5)) + ((4 \times (3! - 2)!) + 1) \\
 281676 &:= ((1 - (2^{3!} \times 4)) \times 5) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - (6! - (5! - 4))) - ((3! - 2)! - 1) \\
 281677 &:= (1 + (2^{3!} + 4!)) + (5 - (6! - (7 \times (8! + 9)))) &= (9 + ((8! \times 7!/6!) + 5)) - ((4! \times (3! - 2)!) + 1) \\
 281678 &:= 1 \times 2 + (3 - ((4 \times (5! + 6)) - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - (6! + 5!)) + ((4! \times (3^2)) - 1) \\
 281679 &:= (1 + (2 \times 3^4)) + (5 - (6! - (7 \times 8! - 9))) &= (9 + ((8! \times 7!/6!) + 5)) - ((4! \times (3! - 2)!) - 1) \\
 281680 &:= (1 + 2 \times 3! \times 4) + (5! - (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - (6! + 5!)) + ((4! \times (3^2)) + 1) \\
 281681 &:= (1 + (((2 + 3!)! + (4! - 5!)) \times 6) + 7) + (8! + 9) &= ((9 + 8! \times 7) - (6 + 5!)) - (((4! - 3)^2) + 1) \\
 281682 &:= (1 - (2^{3!} + (4 \times 5!))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6) - (5^4) + 3^2 + 1 \\
 281683 &:= ((1 + 2 \times 3!) \times 4) + (5! - (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - (6! - 5!)) + (4! + (3^2 + 1)) \\
 281684 &:= (1 + ((2 + 3!)!/4!)) - (5 - (6^7 + 8 \times 9)) &= ((9 + 8! \times 7) - 6!) - (5 \times (4 - (3!^2 - 1))) \\
 281685 &:= 1 \times 2 - (((3!! + 4!) \times 5)/6) - (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - 6) - (5^4) + (3! \times 2 + 1) \\
 281686 &:= (1 + (2 \times (3 + 4!))) + (5! - (6! - (7 \times 8! - 9))) &= (9 + 8! \times 7) + (((6 - ((5! - 4!) \times 3)) \times 2) + 1) \\
 281687 &:= ((1 + ((2 - 3!) \times (4! - 5!))) \times 6!) + (7 + 8!/9) &= ((9 + (8! \times 7!/6!)) - 5!) - (((4! - 3)^2) + 1) \\
 281688 &:= (1 - 2^{3!}) - ((4! \times (5!/6)) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7!/6!) - (5^4)) + 3^2 + 1 \\
 281689 &:= 1 \times 2^{3!} - (4! - (5! - (6! - (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) - (6! - (5! - 4))) - (3^2 + 1) \\
 281690 &:= (1 + 2^{3!}) - (4! - (5! - (6! - (7 \times 8! + 9)))) &= ((9 + 8! \times 7) - 6!) - ((5 \times (4 - 3!^2)) - 1) \\
 281691 &:= 1 \times 2^{3!} - (4 - (5! - (6! - (7 \times 8! - 9)))) &= (((9 + 8!) \times 7!/6!) - (5^4)) + (3! \times 2 + 1) \\
 281692 &:= (1 + (2 \times (3! + 4!))) + (5! - (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - (6! - (5! - 4!))) + (3! \times 2 + 1) \\
 281693 &:= 1 \times 2 + (((3! - 4!) \times (5 \times 6)) + 7 \times 8! - 9) &= (9 + (8! \times 7 + (6 - 5!))) - (((4! - 3)^2) + 1) \\
 281694 &:= (1 - (2^{3!} + (4 \times 5!))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + 6) - (5^4) + 3^2 + 1 \\
 281695 &:= (1 - ((2 - 3^4) \times 5!)) + (6 \times (7! + 8! + 9)) &= (9 + 8! \times 7 + 6) - ((5! + ((4! - 3)^2)) - 1) \\
 281696 &:= (1 + 2^{3!}) + ((4! \times 5) - (6! - (7 \times 8! - 9))) &= (9 + (8! \times 7 + (6! + 5!))) + (((4! - 3!!) \times 2) - 1) \\
 281697 &:= (1 + (2 \times 3^4)) + (5 - (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - (6! - (5! + 4))) - (3^2 + 1) \\
 281698 &:= (1 - (2 \times (3! \times 4! + 5!))) - (6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! + 5!))) + (((4! - 3!!) \times 2) + 1) \\
 281699 &:= (1 + ((2 + 3!) \times 4!)) - (5 + 6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6!) - (((5 - 4!) \times (3^2)) + 1) \\
 281700 &:= (1 + 2^{3!}) + (4 + 5! - (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + (6! + (5! - 4))) - (3!! \times 2 - 1) \\
 281701 &:= ((1 + 2 \times 3!) \times 4) + (5! - (6! - (7 \times 8! + 9))) &= ((9 + 8! \times 7) - 6!) - (((5 - 4!) \times (3^2)) - 1) \\
 281702 &:= 1 \times 2 + (3 - ((4! \times (5!/6)) - (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - (6! - 5!)) + ((4! + 3) \times 2 - 1) \\
 281703 &:= ((1 + 2 \times 3!) \times 4!) - (5! + (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7!/6!) - (5^4)) + ((3! - 2)! + 1) \\
 281704 &:= (1 - (2 \times (3!! + (4! - 5!)))) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6! + (5 \times 4!))) - (3!! \times 2 - 1) \\
 281705 &:= (1 - ((2 \times 3!^4) + (5! - 6^7))) + 8!/9 &= (9 + 8! \times 7) + ((6 \times (5 + 4!)) - (3!! - (2 \times 1))) \\
 281706 &:= (1 - 2^{3!}) - ((4! \times (5!/6)) - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6! + (5! + 4))) - (3!! \times 2 + 1) \\
 281707 &:= ((1 + (2 + 3!)!) - (4 \times 5!)) + (6 \times (7! \times 8 - 9)) &= (((9 + 8!) \times 7) - 6) - (5^4) + (3!^2 - 1) \\
 281708 &:= (1 - ((2 - 3!) \times (4 - 5!))) - (6 - (7 \times (8! - 9))) &= (9 + (8! \times 7 + 6!)) - (((5^4) + 3!) \times 2) - 1) \\
 281709 &:= (1 + (((2 + 3!)! + (4 - 5! \times 6)) \times 7)) + 8!/9 &= (((9 + 8!) \times 7) - (6! - (5! - 4))) + 3^2 + 1 \\
 281710 &:= (1 - (2 \times (3! \times 4! + 5!))) + ((6 + 7 \times 8!) - 9) &= (9 + (8! \times 7 + 6!)) - (((5! \times (4! - 3))/2) - 1) \\
 281711 &:= ((1 \times 2 + 3!) - (4 \times 5!)) + (6 + (7 \times (8! - 9))) &= ((9 + 8! \times 7) - (6! - 5!)) + ((4^3) - (2 \times 1)) \\
 281712 &:= (1 - (2^{3!} + (4 \times 5!))) + (6 + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) - (((5^4) + 3) \times 2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 281713 &:= (1 - ((2 - 3^4) \times 5!)) + ((6 \times 7! + 8) \times 9) &= (((9 + 8!) \times 7!/6!) - (5^4)) + (3!^2 - 1) \\
 281714 &:= (1 + 2^{3!}) + ((4! \times 5) - (6! - (7 \times 8! + 9))) &= (9 + (8! \times 7 + 6!)) - (((5^4) + 3) \times 2) - 1) \\
 281715 &:= 1 \times 2 + 3! + (4 + 5! - (6! - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7!/6!) - (5^4)) + 3!^2 + 1 \\
 281716 &:= 1 - 2 \times 3! - ((4 \times (5! + 6)) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6! - (5! - 4!))) + 3!^2 + 1 \\
 281717 &:= (1 + ((2 + 3!) \times 4!)) - (5 + 6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6! - (5! + 4))) + 3^2 + 1 \\
 281718 &:= (1 + 2^{3!}) + (4 + 5! - (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - (6! + 5)) + (4 \times (3!^2 - 1)) \\
 281719 &:= (1 + (2^{3!} \times 4)) + (5 - (6! - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6!/5) - (((4! - 3)^2) - 1) \\
 281720 &:= (1 + (2^{3!} + 4!)) + (5! - (6! - (7 \times 8! - 9))) &= (9 + (8! \times 7 + 6!)) - (((5^{4!/3!}) \times 2) - 1) \\
 281721 &:= ((1 + 2 \times 3!) \times 4!) - (5! + (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6) - (5^4) + 3!^2 + 1 \\
 281722 &:= ((1 + ((2 \times 3! - 4!) + (5 - 6!))) \times 7) + 8!/9 &= (9 + (8! \times 7 + 6!)) + (((5! - (4! + 3!)) \times 2) + 1) \\
 281723 &:= ((1 + 2^{3!}) \times 4) - (5! + (6! - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7!/6!) - 5) - ((4! \times (3! - 2)!)) - 1) \\
 281724 &:= (1 \times 2 + 3! \times 4!) - (5 + 6! - (7 \times (8! + 9))) &= (9 + (8! \times 7 + 6!)) - (((5^4) - 3) \times 2) + 1) \\
 281725 &:= 1 \times (2 - (((3!! - 4!) \times 5)/6) - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6) + (5 - ((4! \times (3! - 2)! + 1))) \\
 281726 &:= 1 + (2 - (((3!! - 4!) \times 5)/6) - (7 \times (8! + 9))) &= (9 + (8! \times 7 + 6!)) - (((5^4) - 3) \times 2) - 1) \\
 281727 &:= (1 + ((2 + 3!) \times 4!)) + (5 - (6! - (7 \times 8! + 9))) &= ((9 + 8! \times 7) - 6! + 5) + ((4! \times (3! + 2)) + 1) \\
 281728 &:= (1 - (2 \times (3! \times 4! + 5!))) + (6 + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) + ((5 \times (4 + 3!^2)) - 1) \\
 281729 &:= ((1 - 2) + 3^4) + (5! - (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6!/5 + (4 - 3!))) - 2 \times 1 \\
 281730 &:= 1 \times 2 \times ((3!! + 4!) + ((5^6 - (7 \times 8)) \times 9)) &= (9 + (8! \times 7 + 6!)) - (((5^4) - 3!) \times 2) + 1) \\
 281731 &:= 1 - ((2 + 3!^4) - (5 + (6! + (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7!/6!) + 5) - ((4! \times (3! - 2)! + 1)) \\
 281732 &:= (1 - ((2^{3!} + 4!) \times 5)) - (6 - (7 \times (8! - 9))) &= (9 + (8! \times 7 + 6!)) - (((5^4) - 3!) \times 2) - 1) \\
 281733 &:= (1 - 2^{3!}) - (4 \times (5! - (6 \times 7! + 8! + 9))) &= (((9 + 8!) \times 7!/6!) + 5) - ((4! \times (3! - 2)! - 1)) \\
 281734 &:= (1 - (2 \times 3! + (4 \times 5!))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6! - 5!)) - (4 - (3!^2 - 1)) \\
 281735 &:= 1 + (2 - (3!^4 - (5 + (6! + (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7) + 6) - (((5! - 4!) \times 3!) - (2 \times 1)) \\
 281736 &:= (1 - 2^{3!}) - ((4 \times (5! + 6)) - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6! + 5) + (4 \times (3!^2 + 1)) \\
 281737 &:= 1 + 2 \times 3! - (4 \times (5! - (6 \times 7! + 8! - 9))) &= (((9 + 8!) \times 7) - (6! - 5!)) + (4! + (3^2 + 1)) \\
 281738 &:= (1 + (2^{3!} + 4!)) + (5! - (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6!) - (5 \times (4 - (3!^2 - 1))) \\
 281739 &:= 1 \times 2 - (((3 \times 4^5)/6) - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! + 5)) + ((4! \times (3^2)) - 1) \\
 281740 &:= 1 - 2 \times 3! - ((4! \times (5!/6)) - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) + (((6 - ((5! - 4!) \times 3)) \times 2) + 1) \\
 281741 &:= ((1 + 2 \times 3! \times 4!) - 5) - (6! - (7 \times (8! - 9))) &= ((9 + 8! \times 7) - (6! + 5)) + ((4! \times (3^2)) + 1) \\
 281742 &:= (((1 + ((2 \times 3!!)/4)) \times 5) + 6^7) - (8 - 9) &= (((9 + 8!) \times 7) - 6!) - ((5 \times (4 - 3!^2)) + 1) \\
 281743 &:= 1 \times 2^{3!} - (4! - (5! - (6! - (7 \times (8! + 9)))))) &= (9 + (8! \times 7 + 6!)) - (((5 \times (4 + 3))^2) + 1) \\
 281744 &:= (1 - (2 \times (3!! + 4 - 5!))) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6!) - ((5 \times (4 - 3!^2)) - 1) \\
 281745 &:= (1 - 2^{3!}) + ((4^5 + (6 \times (7! + 8))) \times 9) &= (((9 + 8!) \times 7) - ((6! + 5!) \times 4/3!)) + (2 \times 1) \\
 281746 &:= ((1 - 2 \times 3!) \times (4! - (5 \times (6 + 7!)))) + 8!/9 &= ((9 + (8! \times 7!/6!)) - 5!) - (4! + (3!!/2 - 1)) \\
 281747 &:= (1 \times 2 - (3 \times (4! - 5!))) - (6! - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6 - 5!)) - (((4! - 3)^2) + 1) \\
 281748 &:= ((1 - (2^{3!} \times 4)) \times 5) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) - (5 \times (4 - (3!^2 + 1))) \\
 281749 &:= (1 + 2 \times 3!) \times (4! - ((5 \times (6! - 7! - 8)) - 9)) &= ((9 + 8! \times 7) - 6! + 5) + ((4! \times (3^2)) - 1) \\
 281750 &:= 1 \times 2 - ((3 + (4! \times (5!/6))) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! + 5!)) + (((4! - 3!!) \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 281751 &:= (1 + 2 \times 3! \times 4!) + (5 - (6! - (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - 6! + 5) + ((4! \times (3^2)) + 1) \\
 281752 &:= ((1 + (2 + 3!))! - (4 \times 5!)) + ((6 \times 7! \times 8) - 9) &= ((9 + 8! \times 7) - 6!) + (((5! - 4!)/3) \times 2) - 1 \\
 281753 &:= (1 \times 2 + 3!!) - (4 \times 5! + (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6) - ((5! \times 4) + (3^2 + 1)) \\
 281754 &:= (1 - (2^{3!+4})) - (5! - (6! + (7 \times (8! - 9)))) &= (9 \times ((8 - 7 \times 6) + (5! \times 4!))) \times ((3! \times 2) - 1) \\
 281755 &:= ((1 + 2 \times 3!) \times 4) + (5! - (6! - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - 6!) - (((5 - 4!) \times (3^2)) - 1) \\
 281756 &:= (1 - 2 \times 3!!) + (4^5 - (6 - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - (6! - 5!)) + ((4! + 3) \times 2 - 1) \\
 281757 &:= ((1 + 2)!! + (3! - (4 \times 5!))) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6! + 5!)) - ((4! - 3!)/2 \times 1) \\
 281758 &:= ((1 + 2 \times 3!) - (4 \times 5!)) - (6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + ((6 - 5!) \times 4))) - (3!^2 - 1) \\
 281759 &:= 1 \times 2 + 3! - ((4! \times (5!/6)) - (7 \times 8! - 9)) &= ((9 + (8! \times 7!/6!)) - (5! \times 4)) - (3^2 + 1) \\
 281760 &:= (1 - (2 \times (3!! - (4 + 5!)))) + (6! + 7 \times 8! - 9) &= ((9 + 8! \times 7) - (6 + (5! + 4))) - (3!!/2 - 1) \\
 281761 &:= (1 - (2 \times (3!! - (4! \times (5 - 6!)))))) - ((7! - 8!) \times 9) &= ((9 + (8! + (7! \times 6 - 5!))) \times 4) - (3!^2 - 1) \\
 281762 &:= (1 - ((2 - 3!) \times (4 - 5!))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) - (((5^4) + 3!) \times 2) - 1 \\
 281763 &:= (1 + (2^{3!} \times 4)) - (5 + 6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6 - 5!)) - (4! \times ((3! - 2)! + 1)) \\
 281764 &:= 1 + 2 \times 3! - ((4! \times (5!/6)) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) - (((5! \times (4! - 3!))/2) - 1) \\
 281765 &:= ((1 \times 2 + 3!) - (4 \times 5!)) + ((6 + 7 \times 8!) - 9) &= (9 + 8! \times 7 + 6) - ((5! \times 4) + (3^2 + 1)) \\
 281766 &:= ((1 + 2^{3!}) \times 4) - (5 + 6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) - (((5^4) + 3) \times 2) + 1 \\
 281767 &:= 1 \times 2^{3!} - ((4 \times 5!) - (6 + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6) - (((5 \times 4) + 3)^2) + 1 \\
 281768 &:= (1 - 2 \times 3!!) + (4^5 + (6 + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + 6!) - (((5^4) + 3) \times 2) - 1 \\
 281769 &:= ((1 \times 2 + 3!)! - (4 \times 5!)) + ((6 \times 7! \times 8) + 9) &= (9 + ((8! \times 7!/6!) + 5!)) - (4! \times ((3! - 2)! + 1)) \\
 281770 &:= ((1 + (2 + 3!))! - (4 \times 5!)) + ((6 \times 7! \times 8) + 9) &= (9 + 8! - 7!) + (6! + ((5! \times (4^{3!}/2)) + 1)) \\
 281771 &:= (1 + ((2 + 3!) \times 4!)) - (5 + 6! - (7 \times (8! + 9))) &= ((9 + (8! + (7! \times 6 - 5!))) \times 4) - ((3! - 2)! + 1) \\
 281772 &:= (1 + 2^{3!}) + (4 + 5! - (6! - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + 6!) - (((5^{4!/3!}) \times 2) + 1) \\
 281773 &:= (1 + (2^{3!} \times 4)) + (5 - (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6) - ((5! \times 4) - (3^2 + 1)) \\
 281774 &:= (1 - ((2 - 3!) \times (4 - 5!))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + 6!) - (((5^{4!/3!}) \times 2) - 1) \\
 281775 &:= ((1 + 2 \times 3!) \times 4!) - (5! + (6! - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + 6!) - ((5! - 4!) \times (3! \times 2 + 1)) \\
 281776 &:= (1 - 2 \times 3!) \times (4! + (5! - (6 \times 7! - 8!/9))) &= ((9 + 8! \times 7) - (6 + 5!)) + (((4! - 3!)/2) + 1) \\
 281777 &:= ((1 + ((2 - (3! \times 4)) \times 5!)) + 6^7) + 8!/9 &= ((9 + 8! \times 7) - 6 \times 5) - (((4! - 3!)^2) + 1) \\
 281778 &:= (1 - (2 \times (3!! - (4 + 5!)))) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) - (((5^4) - 3) \times 2) + 1 \\
 281779 &:= ((1 + 2!)^3) - ((4 \times 5 + 6!) - (7 \times (8! + 9))) &= (9 + (8! \times 7!/6!)) - (5! \times 4) + 3^2 + 1 \\
 281780 &:= (1 - ((2 - 3!) \times (4 - 5!))) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) - (((5^4) - 3) \times 2) - 1 \\
 281781 &:= (1 + (2^{3!} \times 4)) - (5 + 6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! + 5!)) + ((4^{3! - 2}) + 1) \\
 281782 &:= 1 + 2 \times 3! - ((4! \times (5!/6)) - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) + ((5 \times (4 + 3!^2)) - 1) \\
 281783 &:= ((1 \times 2 + 3!) - (4 \times 5!)) + (6 + (7 \times 8! + 9)) &= (9 + (8! \times 7 + ((6 - 5!) \times 4))) - (3^2 + 1) \\
 281784 &:= ((1 + 2^{3!}) \times 4) - (5 + 6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) - (((5^4) - 3!) \times 2) + 1 \\
 281785 &:= 1 - 2 \times 3! - (4 \times (5! - (6 \times 7! + 8! + 9))) &= (9 + 8! \times 7 + 6) - ((5! \times 4) - (3^2 + 1)) \\
 281786 &:= (1 - ((2^{3!} + 4!) \times 5)) - (6 - (7 \times 8! - 9)) &= ((9 + (8! + (7! \times 6 - 5!))) \times 4) - (3^2 + 1) \\
 281787 &:= ((1 - 2 \times 3!) \times 4!) - (5! + (6 - (7 \times (8! - 9)))) &= 9 \times 8 - (7 \times (6! - (5 \times ((4^{3!} \times 2) + 1)))) \\
 281788 &:= ((1 + 2 \times 3!) - (4 \times 5!)) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7!/6!) - (5! \times 4)) - (3!^2 - 1)
 \end{aligned}$$

$$\begin{aligned}
 281789 &:= (1 + 2^{3!}) - (4 \times (5! - (6 \times 7! + 8! - 9))) &= (((9 + 8!) \times 7) - ((6 + 5!) \times 4)) - (3^2 + 1) \\
 281790 &:= 1 \times 2 \times (((3! + 4!) - (5^6 \times (7 - 8))) \times 9) &= (9 \times ((8 \times 7 + 6) \times 5)) \times (((4 + 3!)^2) + 1) \\
 281791 &:= (1 + (2^{3!} \times 4)) + (5 - (6! - (7 \times 8! + 9))) &= (9 \times ((8! - ((7 - 6!) \times 5!)) / 4)) - (3!! \times 2 - 1) \\
 281792 &:= (1 + 2^{3!}) - ((4 \times (5! + 6)) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6 - (5! \times 4))) - (3!^2 + 1) \\
 281793 &:= (1 + (((2 + 3!)! - (4! + (5! - 6!))) \times 7)) - 8! / 9 &= (((9 + 8!) \times 7) - (6! + 5)) + ((4! \times (3^2)) - 1) \\
 281794 &:= (1 + (2 \times 3^4)) + (5! - (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - 6!) + ((5 \times ((4! - 3) \times 2)) + 1) \\
 281795 &:= ((1 + 2 \times 3! \times 4!) - 5) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6! + 5)) + ((4! \times (3^2)) + 1) \\
 281796 &:= (1 - (2^{3!} \times 4)) - (5! + (6 - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - (6! / 5 + 4)) - (3!! / 2 - 1) \\
 281797 &:= (1 - 2 \times 3!) + ((4^5 + (6 \times (7! + 8))) \times 9) &= ((9 + 8! \times 7) - 6!) + (5! + (4 \times (3!^2 + 1))) \\
 281798 &:= (1 - ((2^{3!} + 4!) \times 5)) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) - (6 + (5! \times 4))) + (3!^2 - 1) \\
 281799 &:= (((1 + (2 + 3!)!) - (4! + (5! - 6!))) \times 7) - 8! / 9 &= (9 \times ((8! + 7!) / 6!)) \times (((5! + 4) \times (3! - 2)) + 1) \\
 281800 &:= (1 - ((2 + 3!) \times (4! + 5!))) + (6! + 7 \times 8! - 9) &= ((9 + 8! \times 7) - (6 + (5! \times 4))) + 3!^2 + 1 \\
 281801 &:= (1 \times 2 - (3 \times (4! - 5!))) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6! / 5!) - (((4! - 3)^2) + 1) \\
 281802 &:= ((1 + 2) - (3 \times (4! - 5!))) - (6! - (7 \times 8! - 9)) &= ((9 + (8! \times 7! / 6!)) - 5) - (((4! - 3)^2) + 1) \\
 281803 &:= ((1 + 2!)^3) + (4 - ((5! \times 6) - (7 \times (8! + 9)))) &= (9 + (8! \times 7 + ((6 - 5!) \times 4))) + 3^2 + 1 \\
 281804 &:= (1 - ((2^{3!} + 4!) \times 5)) - (6 - (7 \times 8! + 9)) &= ((9 + (8! \times 7! / 6!)) - 5) - (((4! - 3)^2) - 1) \\
 281805 &:= (1 + 2 \times 3! \times 4!) + (5 - (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - 6! + 5) + ((4! \times (3^2)) + 1) \\
 281806 &:= (1 + ((2 + 3!)! / (4! - 5!))) - (6 - (7 \times 8! - 9)) &= ((9 + (8! + (7! \times 6 - 5!))) \times 4) + 3^2 + 1 \\
 281807 &:= (1 \times 2 - (3 \times (4! + 5!))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6) - ((5! \times 4) + (3^2 + 1)) \\
 281808 &:= (1 - (2^{3!+4})) - (5! - (6! + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6!) - (((5 - 4! \times 3!) \times 2) - 1) \\
 281809 &:= (1 + (2^{3!} \times (4! + 5!))) + (6 \times ((7! + 8) \times 9)) &= (9 + (8! \times 7 + 6!)) - ((5! - 4) \times (3^2 + 1)) \\
 281810 &:= (1 - 2 \times 3!!) + (4^5 - (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + ((6 - 5!) \times 4)) - (3!^2 + 1) \\
 281811 &:= ((1 \times 2 + 3!)! - (4 \times 5!)) + (6 \times (7 + 8!) + 9) &= ((9 + 8! \times 7) - (6! + 5)) + ((4! \times 3! \times 2) - 1) \\
 281812 &:= (1 + (2 \times 3^4)) + (5! - (6! - (7 \times 8! + 9))) &= (9 + ((8! \times 7! / 6!) + 5)) - (((4! - 3)^2) + 1) \\
 281813 &:= ((1 + 2 \times 3! \times 4!) - 5) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7! / 6!) - (5! \times 4)) - (3^2 + 1) \\
 281814 &:= ((1 \times 2 + 3!)! - (4 \times 5!)) + (6 \times (7! \times 8 + 9)) &= (9 + ((8! \times 7! / 6!) + 5)) - (((4! - 3)^2) - 1) \\
 281815 &:= ((1 + (2 + 3!)!) - (4 \times 5!)) + (6 \times (7! \times 8 + 9)) &= (9 + (8! \times 7 + (6! / 5!))) - (((4! - 3)^2) - 1) \\
 281816 &:= (1 + 2^{3!}) - ((4! \times (5! / 6)) - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6!) - (((5! + (4! - 3!!)) / 2) + 1) \\
 281817 &:= 1 \times 2 - (3!! - (4^5 - (6! - (7 \times 8! - 9)))) &= ((9 + (8! \times 7! / 6!)) - 5!) - (4! \times (3! \times 2 + 1)) \\
 281818 &:= ((1 + 2 \times 3!) \times 4!) - (5 + 6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6!) - (((5! + (4! - 3!!)) / 2) - 1) \\
 281819 &:= (1 \times 2 - (3 \times (4! - 5!))) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6) - ((5! \times 4) + (3^2 + 1)) \\
 281820 &:= (1 - ((2 \times 3!^4) + 5)) + (6^7 + 8! / 9) &= (((9 \times (8 + 7!)) / 6) + (5! \times 4)) \times (3!^2 - 1) \\
 281821 &:= 1 + 2 \times 3! + ((4^5 + (6 \times (7! + 8))) \times 9) &= ((9 + 8! \times 7) - 6! + 5) + ((4! \times 3! \times 2) - 1) \\
 281822 &:= (1 - 2 \times 3!!) + (4^5 + ((6 + 7 \times 8!) - 9)) &= (((9 + 8!) \times 7) + 6!) + (((5 \times 4!) - 3!!) \times 2) - 1) \\
 281823 &:= (1 + 2 \times 3! \times 4!) + (5 - (6! - (7 \times 8! + 9))) &= ((9 + 8! \times 7) - 6! + 5) + ((4! \times 3! \times 2) + 1) \\
 281824 &:= (1 + (((2 + 3!) \times 4!) + 5!)) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6!) + (5 \times (((4! + 3!) \times 2) - 1)) \\
 281825 &:= (1 \times 2 - (3 \times (4! + 5!))) + (6 + (7 \times 8! + 9)) &= (9 \times (8! - (7! + 6 + 5!))) - ((4! \times 3!! \times 2) + 1) \\
 281826 &:= (1 - (2^{3!+4})) - (5! - (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - (6! + (5! - 4))) + (3!! / 2 - 1)
 \end{aligned}$$

$$\begin{aligned}
 281827 &:= (1 - (2 \times 3!! \times 4!)) - ((5! + ((6 + 7!) - 8!)) \times 9) &= (((9 + 8!) \times 7) - 6) - ((5! \times 4) - (3^2 + 1)) \\
 281828 &:= (((1 + 2 \times 3!) \times 4!) + 5) - (6! - (7 \times 8! - 9)) &= (9 + (8! \times 7 + ((6 - 5!) \times 4))) + (3!^2 - 1) \\
 281829 &:= (1 \times 2 \times ((3!! \times 4 - 5) \times 6 \times 7)) + (8! + 9) &= (((9 + 8!) \times 7) + 6 + 5!) - (4! \times ((3! - 2)! + 1)) \\
 281830 &:= (1 - ((2 \times 3!^4) - (5 + 6^7))) + 8!/9 &= (9 + (8! \times 7 + ((6 - 5!) \times 4))) + 3!^2 + 1 \\
 281831 &:= (1 + ((2 - 3^4) \times 5)) - (6 - (7 \times 8! - 9)) &= ((9 + (8! + (7! \times 6 - 5!))) \times 4) + (3!^2 - 1) \\
 281832 &:= (1 - (2 \times (3!! - (4 + 5!)))) + (6! + (7 \times (8! + 9))) &= ((9 + 8! \times 7) + (6^5)) - ((4^{3!} \times 2) + 1) \\
 281833 &:= 1 \times 2^{3!} - ((4! \times (5!/6)) - (7 \times 8! + 9)) &= (((9 + 8!) \times 7!/6!) - (5! \times 4)) + 3^2 + 1 \\
 281834 &:= (1 + 2^{3!}) - ((4! \times (5!/6)) - (7 \times 8! + 9)) &= ((9 + 8! \times 7) + (6^5)) - ((4^{3!} \times 2) - 1) \\
 281835 &:= (1 - ((2 \times (3!^4 - 5)) - 6^7)) + 8!/9 &= (((9 + 8!) \times 7) - (6! + 5)) + ((4^{3! - 2}) + 1) \\
 281836 &:= (1 - (2 \times (3^4 + 5!))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - ((6 + 5!) \times 4)) + 3!^2 + 1 \\
 281837 &:= ((1 + 2^{3!}) \times 4) + (5! - (6! - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + ((6 - 5!) \times 4)) - (3^2 + 1) \\
 281838 &:= (1 - ((2 \times 3!!)/4)) + (5!/6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6) + (5 - (4 \times ((3 + 2)! - 1))) \\
 281839 &:= 1 + (2 \times (3! - ((4! - (5^6 + 7 \times 8)) \times 9))) &= (((9 + 8!) \times 7) + 6) - ((5! \times 4) - (3^2 + 1)) \\
 281840 &:= (1 - 2 \times 3!!) + (4^5 + (6 + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6 - 5!)) + (((4! - 3!)/2) - 1) \\
 281841 &:= ((1 - 2 \times 3!) \times 4!) - (5! + (6 - (7 \times 8! - 9))) &= (9 + (8! \times 7 + (6!/5))) - (4! \times ((3! - 2)! - 1)) \\
 281842 &:= (1 - ((2 - 3!) \times (4! - 5!))) - (6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) - (((5 \times 4!)/3!)^2 + 1) \\
 281843 &:= (1 + ((2 - 3^4) \times 5)) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - (6! - 5!)) + (4 \times (3!^2 - 1)) \\
 281844 &:= ((1 + 2)! - (3^4 \times 5)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - (((5 \times 4!)/3!)^2 - 1) \\
 281845 &:= (1 + (2^{3!} \times 4)) + (5 - (6! - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - 6! + 5) + ((4^{3! - 2}) + 1) \\
 281846 &:= (((1 + 2 \times 3!) \times 4!) + 5) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6! + 5!)) + (4! + (3!!/2 - 1)) \\
 281847 &:= ((1 + 2)!!/3) - (4! - (5! - (6! - (7 \times 8! - 9)))) &= ((9 + 8! \times 7) - 6!) - (5 - (((4! - 3!)^2) - 1)) \\
 281848 &:= (1 + ((2 \times 3! - 4)!/5!)) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6! + 5!)) + (4! + (3!!/2 + 1)) \\
 281849 &:= (1 + (((2 + 3)!) + ((4 - 5!) \times 6)) \times 7) + 8!/9 &= ((9 + 8! \times 7) - (6! + 5!)) + (((4! - 3!)^2) - 1) \\
 281850 &:= ((1 - 2 \times 3!!) \times 4!) - ((5! + ((6 + 7!) - 8!)) \times 9) &= (9 \times (8! - (7! + 6 + 5!))) - (4! \times (3!! \times 2 - 1)) \\
 281851 &:= (((1 + 2)!^3) + 4) + (5! - (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6!) - (5! - (((4! - 3!)^2) + 1)) \\
 281852 &:= (1 - ((2 \times 3!!)/4)) - (5!/6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + 6!)) - (((5! + 4) \times (3^2)) + 1) \\
 281853 &:= ((1 - 2 \times 3!) \times 4!) - (5! - ((6 + 7 \times 8!) - 9)) &= 9 - (((8 - (7 \times (6! + 5!))) \times 4!) + 3!) \times 2 \times 1) \\
 281854 &:= (1 - ((2 - 3!) \times (4! - 5!))) + ((6 + 7 \times 8!) - 9) &= (9 + (8! \times 7 + 6!)) - (((5! + 4) \times (3^2)) - 1) \\
 281855 &:= ((1 + ((2 + 3)!) + ((4 - 5!) \times 6)) \times 7) + 8!/9 &= (((9 + (8! + 7)) \times 6) - (5! \times 4)) + ((3! + 2)! - 1) \\
 281856 &:= ((1 \times 2 + 3)! - (4 \times 5!)) + (6 \times (7 + 8! + 9)) &= (((9 + 8!) \times 7!/6!) - 5) - (((4! - 3!)^2) + 1) \\
 281857 &:= ((1 + (2 + 3)!) - (4 \times 5!)) + (6 \times (7 + 8! + 9)) &= (((9 + 8!) \times 7) + ((6 - 5!) \times 4)) + 3^2 + 1 \\
 281858 &:= (1 - ((2^{3!} + 4!) \times 5)) - (6 - (7 \times (8! + 9))) &= (9 + 8! \times 7) + ((6 \times (5 - ((4! \times 3) - 2))) - 1) \\
 281859 &:= ((1 - 2 \times 3!) \times 4!) - (5! + (6 - (7 \times 8! + 9))) &= (9 + (8! \times 7 + 6!)) - ((5!/4) \times (3!^2 + 1)) \\
 281860 &:= (1 - ((2 - 3!) \times (4! - 5!))) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) + ((5 \times ((4^3) + 2)) + 1) \\
 281861 &:= (1 + ((2 - 3^4) \times 5)) + (6 + (7 \times 8! + 9)) &= ((9 + (8! \times 7!/6!)) - 5) - (4! + (3!!/2 - 1)) \\
 281862 &:= (1 - (2^{3!} \times 4)) - (5! - ((6 + 7 \times 8!) - 9)) &= (((9 + 8!) \times 7) - 6!) - (((5 - 4! \times 3!) \times 2) - 1) \\
 281863 &:= 1 \times 2^{3!} - ((4 \times (5! + 6)) - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6!) - ((5! - 4) \times (3^2 + 1)) \\
 281864 &:= (1 - (2^{3!} + 4^5)) + (6! + 7 \times 8! - 9) &= ((9 + 8! \times 7) - (6! - 5!)) + ((4! \times (3^2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 281865 &:= (1 + ((2^{3!} \times (4! + 5)) + 6^7)) + 8 \times 9 &= (9 \times (((8 + 7!) \times 6) + 5!)) + ((4^{3!} \times 2) + 1) \\
 281866 &:= (1 + ((2 \times 3! - 4)!/5!)) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) + (5! + ((4! \times (3^2)) + 1)) \\
 281867 &:= (1 + ((2 \times 3!!)/4)) - (5 + 6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6!/5!)) - (((4! - 3!)^2) + 1) \\
 281868 &:= (1 - (2^{3!} \times 4)) - (5! + (6 - (7 \times 8! + 9))) &= (((9 + 8!) \times 7!/6!) + 5) - (((4! - 3!)^2) - 1) \\
 281869 &:= (1 - (2^{3!+4})) - (5 - (6! + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + (6!/5!)) - (((4! - 3!)^2) - 1) \\
 281870 &:= (1 - ((2 \times 3!!)/4)) - (5!/6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) - (((5! + (4! - 3!!))/2) + 1) \\
 281871 &:= ((1 - 2 \times 3!) \times 4!) - (5! - (6 + (7 \times 8! + 9))) &= ((9 + 8! \times 7) - (6! + 5)) - (((4! - 3!!)/2) + 1) \\
 281872 &:= (1 - ((2 - 3!) \times (4! - 5!))) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) - (((5! + (4! - 3!!))/2) - 1) \\
 281873 &:= (1 + 2^{3!}) + ((4^5 + (6 \times (7! + 8))) \times 9) &= ((9 + 8! \times 7) - (6! + 5)) - (((4! - 3!!)/2) - 1) \\
 281874 &:= (1 + 2 \times 3!!) - (4^5 + (6! - (7 \times (8! - 9)))) &= ((9 + (8! \times 7!/6!)) - 5!) - ((4^{3! - 2}) - 1) \\
 281875 &:= (1 + (2 \times (3 + 4!))) \times (5 + ((6! + (7! + 8!))/9)) &= ((9 + 8! \times 7) - 6!) - (((5!/4) - 3!!)/2) - 1) \\
 281876 &:= (1 + 2)! - ((3 + 4^5) - (6! + (7 \times (8! - 9)))) &= 9 - (((((8 - (7 \times (6! + 5!))) \times 4!) - 3!) \times 2) + 1) \\
 281877 &:= (1 + ((2 \times 3!!)/4)) + (5 - (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6) + (5 - (((4! + 3!!)/2) - 1)) \\
 281878 &:= (1 - ((2 + 3!)/(4! - 5!))) - (6! - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6!) + (5 \times (((4! + 3!) \times 2) - 1)) \\
 281879 &:= (1 - (2^{3!+4})) + (5 + (6! + (7 \times (8! - 9)))) &= (9 + (8! \times 7 + 6!)) - (((5!/4) + 3!)^2) + 1) \\
 281880 &:= (1 - (2^{3!} \times 4)) - (5! - (6 + (7 \times 8! + 9))) &= ((9 + 8! \times 7) - ((6!/5!) + 4)) - (3!!/2 - 1) \\
 281881 &:= (1 - (2 \times 3!! \times 4!)) - ((5! + (6! \times 7 - 8!)) \times 9) &= (9 + (8! \times 7 + 6!)) - (((5!/4) + 3!)^2) - 1) \\
 281882 &:= (1 - (2^{3!} + 4^5)) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + ((6 - 5!) \times 4)) + (3!^2 - 1) \\
 281883 &:= (((1 \times 2 + 3!)! + (4! + (5 - 6!))) \times 7) + 8!/9 &= ((9 + 8! \times 7) - 6! + 5) - (((4! - 3!!)/2) - 1) \\
 281884 &:= (((1 + 2)!^{3!})/4!) + (5 + 6^7)) + (8 - 9) &= (((9 + 8!) \times 7) + ((6 - 5!) \times 4)) + 3!^2 + 1) \\
 281885 &:= (1 + ((2 \times 3!!)/4)) - (5 + 6! - (7 \times 8! + 9)) &= ((9 + (8! \times 7!/6!)) - 5) + (((4 - 3!!)/2) - 1) \\
 281886 &:= 1 \times (2 \times (3! + ((4! \times (5! + (6! + 7! - 8!)) + 9))) &= (((9 + 8!) \times 7) + (6^5)) - ((4^{3!} \times 2) + 1) \\
 281887 &:= 1 + (2 \times (3! + ((4! \times (5! + (6! + 7! - 8!)) + 9))) &= (9 + 8! \times 7 + 6) + (5 - (((4! + 3!!)/2) + 1)) \\
 281888 &:= (1 + ((2^{3!} \times 4) + 5!)) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6^5)) - ((4^{3!} \times 2) - 1) \\
 281889 &:= ((1 + 2 \times 3!) \times 4!) + (5! - (6! - (7 \times (8! - 9)))) &= (9 + 8! - 7!) + (6! + (5! \times (4^{3!}/2 + 1))) \\
 281890 &:= ((1 + ((2 + 3!)! + (4! + (5 - 6!)))) \times 7) + 8!/9 &= (((9 + 8!) \times 7) - 6) - (5! + ((4! \times 3! \times 2) - 1)) \\
 281891 &:= ((1 + 2^{3!}) \times 4) + (5! - (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6! + 5) - (((4 - 3!!)/2) + 1) \\
 281892 &:= (1 - ((2 \times 3!!)/4)) + (5!/6 + 7 \times 8! - 9) &= ((9 + 8! \times 7) - (6 \times 5! - 4)) + (3!!/2 - 1) \\
 281893 &:= ((1 - 2 \times 3!) \times 4!) - (5!/6 - (7 \times (8! - 9))) &= ((9 + 8! \times 7) - (6! - (5!/4!))) + (3!!/2 - 1) \\
 281894 &:= (1 - 2 \times 3!!) + (4^5 + (6 + (7 \times (8! + 9)))) &= (9 + (8! \times 7 + 6!)) - (5 \times ((4! \times (3^2)) - 1)) \\
 281895 &:= (1 + ((2 \times 3!!)/4)) + (5 - (6! - (7 \times 8! + 9))) &= ((9 + (8! \times 7!/6!)) - 5) + (((4! - 3!!)/2) - 1) \\
 281896 &:= (1 + ((2 - 3!) \times (4! - 5!))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6) - (((5 \times 4!)/3!)^2) + 1) \\
 281897 &:= (1 + 2 \times 3! \times 4) \times (((5 + 6! - 7) \times 8) + 9) &= ((9 + 8! \times 7) - 6) + (((5!/4) - 3!!)/2) - 1) \\
 281898 &:= 1 \times 2 + (((3 - 4!) \times 5!) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - 6) - (((5 \times 4!)/3!)^2) - 1) \\
 281899 &:= ((1 - 2 - 3^4) \times 5) + (6 + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6) + ((5 + ((4! - 3!!)/2)) - 1) \\
 281900 &:= (((1 + 2 \times 3!) \times 4!) + 5) - (6! - (7 \times (8! + 9))) &= 9 - (((8! - ((7! \times 6 - (5 + 4!)) \times 3!)) \times 2) + 1) \\
 281901 &:= (1 - ((2 \times (3! - 4^5)) - 6^7)) - 8 \times 9 &= (((9 + 8!) \times 7) - 6!) - (5 - (((4! - 3!)^2) - 1)) \\
 281902 &:= (1 - (2^{3!} \times 4)) - (5!/6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6 - 5!)) - ((4! \times 3! \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 281903 &:= (1 + ((2 - 3^4) \times 5)) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - (6! + 5!)) + (((4! - 3^2)^2) - 1) \\
 281904 &:= ((1 - 2 \times 3!) \times 4!) - ((5! + (6! \times 7 - 8!)) \times 9) &= (9 \times (8! - ((7 \times 6!) + 5!))) - (4! \times (3!! \times 2 - 1)) \\
 281905 &:= (1 + (2 + 3!)) - (4! \times ((5 + 6 \times 7!) - 8! + 9)) &= (((9 + 8!) \times 7) - 6!) - (5! - (((4! - 3^2)^2) + 1)) \\
 281906 &:= (1 + ((2^3! \times 4) + 5!)) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) - (((5! + 4) \times (3^2)) + 1) \\
 281907 &:= (1 - ((2 \times (3 - 4^5)) - 6^7)) - 8 \times 9 &= (9 + ((8! \times 7! / 6!) + 5)) + (((4! - 3!!) / 2) + 1) \\
 281908 &:= (1 - (2 \times (3^4 + 5!))) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6!) - (((5! + 4) \times (3^2)) - 1) \\
 281909 &:= ((1 + 2^3!) \times 4) + (5! - (6! - (7 \times 8! + 9))) &= (9 + 8! \times 7 + 6) + (((5! / 4) - 3!!) / 2) - 1) \\
 281910 &:= (1 - ((2 \times 3!) / 4)) + (5! / 6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6) - (((5 \times 4!) / 3!)^2) - 1) \\
 281911 &:= (((1 - 2) + 3^4) \times 5) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!) + ((5 + ((4! - 3!)^2)) - 1) \\
 281912 &:= ((1 - 2 \times 3!) \times 4!) + ((5 - 6) + (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6) - ((5 \times ((4^3) + 2)) + 1) \\
 281913 &:= ((1 - 2 \times 3!) \times 4!) - (((5 - 6) \times 7) \times (8! - 9)) &= (((9 + 8!) \times 7) + 6!) - ((5! / 4) \times (3!^2 + 1)) \\
 281914 &:= (1 - (((2 + 3!) \times 4!) + 5!)) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!) + ((5 \times ((4^3) + 2)) + 1) \\
 281915 &:= (1 + ((2 - 3^4) \times 5)) + (6 + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6) - ((5 + ((4! - 3!)^2)) - 1) \\
 281916 &:= 1 - 2 \times 3! - (4^5 - (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6 \times 5) + (((4 - 3!!) / 2) + 1) \\
 281917 &:= (1 + (2 + 3!)) - (4 \times (5! - (6 \times 7! + 8! + 9))) &= ((9 + (8! + (7! \times (6! / 5!)))) \times 4) - (3!! / 2 - 1) \\
 281918 &:= ((1 \times 2 \times (3 + 4^5)) + 6^7) - 8 \times 9 &= (9 + 8! \times 7 + 6) - (5! + ((4! \times (3^2)) + 1)) \\
 281919 &:= (1 + ((2 \times (3 + 4^5)) + 6^7)) - 8 \times 9 &= (9 + ((8! \times 7! / 6!) + 5)) + (4! - (3!! / 2 - 1)) \\
 281920 &:= (1 + ((2 \times 3! \times 4!) + 5!)) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!) + (5! + ((4! \times (3^2)) + 1)) \\
 281921 &:= (1 - (2^3! \times 4 - 5)) - (6 - (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6) + (5! - (((4! - 3^2)^2) + 1)) \\
 281922 &:= (1 \times 2 - (3 \times ((4 - 5!) \times 6!))) + (7 \times 8! / 9) &= (9 + (8! \times 7 + (6 \times 5))) + (((4 - 3!!) / 2) + 1) \\
 281923 &:= (1 - (2^{3!+4})) - (5 - (6! + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6 - 5!)) - (((4! - 3^2)^2) - 1) \\
 281924 &:= (1 - (2 \times 3! \times 4!)) - (5! / 6 - (7 \times 8! - 9)) &= (9 + 8! \times 7 + 6) - ((5 \times ((4^3) + 2)) + 1) \\
 281925 &:= ((1 - 2 \times 3!) \times 4!) - (5! - (6 + (7 \times (8! + 9)))) &= ((9 + 8! \times 7) - 6) + (5 - (((4! - 3!)^2) - 1)) \\
 281926 &:= (1 - (((2 + 3!) \times 4!) + 5!)) + ((6 + 7 \times 8!) - 9) &= (9 + (8! \times 7 + 6!)) - (((5 + 4!) \times (3!^2)) - 1) \\
 281927 &:= (1 \times 2 - (3!! / 4)) - (5! + (6 - (7 \times 8! - 9))) &= (9 + ((8! \times 7! / 6!) + 5!)) - (((4! - 3^2)^2) + 1) \\
 281928 &:= (1 + 2 \times 3!) - (4^5 + (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6!) + (((5 \times 4!) / 3!)^2) - 1) \\
 281929 &:= 1 + 2 \times 3!! + (4 \times 5! + (6^7 + 8 \times 9)) &= (9 + ((8! \times 7! / 6!) + 5!)) - (((4! - 3^2)^2) - 1) \\
 281930 &:= (1 + 2!) - ((3 + 4^5) - (6! + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6!) + (((5 \times 4!) / 3!)^2) + 1) \\
 281931 &:= (((1 + 2) \times 3!!) / 4) - (5! + (6! - (7 \times 8! - 9))) &= (9 + ((8! \times 7! / 6!) + 5)) - (((4! - 3!)^2) - 1) \\
 281932 &:= (1 - ((2 + 3!) / (4! - 5!))) - (6! - (7 \times 8! - 9)) &= ((9 + (8! \times 7! / 6!)) - 5) - (4! \times (3! \times 2 + 1)) \\
 281933 &:= (1 - (2^{3!+4})) + (5 + (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) - (((5! / 4) + 3^2)^2) + 1) \\
 281934 &:= 1 - 2 \times 3! - (4^5 - (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6 - 5!)) - ((4^{3! - 2}) - 1) \\
 281935 &:= (1 - (2 \times 3! \times 4!)) - ((5! - (6 - (7! - 8!))) \times 9) &= (((9 + 8!) \times 7) + 6!) - (((5! / 4) + 3^2)^2) - 1) \\
 281936 &:= (1 - (2^3! + 4^5)) + (6! + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - (6! - 5!)) + ((4! \times 3! \times 2) - 1) \\
 281937 &:= 1 \times 2^3! - (4^5 - (6! + (7 \times (8! - 9)))) &= (9 + 8! \times 7 + 6) + (5 - (((4! - 3!)^2) - 1)) \\
 281938 &:= (1 + ((2 \times 3! \times 4!) + 5!)) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - ((6 \times 5!) + 4)) + (3!! / 2 - 1) \\
 281939 &:= (1 + ((2 \times 3!) / 4)) - (5 + 6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7! / 6!) - 5) + (((4 - 3!!) / 2) - 1) \\
 281940 &:= 1 + 2 \times 3! - (4^5 - (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) - ((6 \times 5!) + 4)) + (3!! / 2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 281941 &:= (1 - (2^{3!+4})) - (5 - (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6) + (5 - (((4! + 3!)/2) + 1)) \\
 281942 &:= (1 - (2 \times 3! \times 4!)) - (5!/6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!/5) - ((4! \times (3^2)) + 1) \\
 281943 &:= ((1 + 2 \times 3!) \times 4!) + (5! - (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + 6) + (5 - (((4! + 3!)/2) - 1)) \\
 281944 &:= (1 - (2 \times 3^4)) - (5! + (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - 6!/5) - ((4! \times (3^2)) - 1) \\
 281945 &:= (1 - ((2 \times 3!^4) - (5! + 6^7))) + 8!/9 &= (((9 + 8!) \times 7) - 6! + 5) - (((4 - 3!)/2) + 1) \\
 281946 &:= (1 + 2 \times 3!) - (4^5 + (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + ((6!/5!) - 4)) - (3!/2 - 1) \\
 281947 &:= (1 + (((2 + 3!^4) \times 5) + 6^7)) - 8!/9 &= (((9 + 8!) \times 7) - (6! - (5!/4!))) + (3!/2 - 1) \\
 281948 &:= 1 \times 2 \times (3 - ((4 \times ((5 + 6!) \times 7) - 8!)) + 9) &= (((9 + 8!) \times 7) + 6!) - (5 \times ((4! \times (3^2)) - 1)) \\
 281949 &:= (1 + ((2 \times 3!)/4)) + (5 - (6! - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7!/6!) - 5) + (((4! - 3!)/2) - 1) \\
 281950 &:= (1 - ((2 + 3!)/(4! - 5!))) - (6! - (7 \times 8! + 9)) &= 9 + 8! + (((((7! - 6!/5!) \times 4!) - 3!) \times 2) + 1) \\
 281951 &:= (1 - (2^{3!+4})) + (5 + (6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6!/5))) - (((4! - 3)^2) + 1) \\
 281952 &:= (1 + (2 \times ((3! \times 4! - (5!/6)) \times 7))) + (8! - 9) &= (((9 + 8!) \times 7) + ((6!/5!) + 4)) - (3!/2 + 1) \\
 281953 &:= ((1 - 2 \times 3!) - (4^5 - 6^7)) + 8!/9 &= (9 + (8! \times 7 + (6!/5))) - (((4! - 3)^2) - 1) \\
 281954 &:= (1 \times 2 + (3^4 \times 5!)) + ((6 \times 7! + 8) \times 9) &= 9 + 8! + (((((7! - 6!/5!) \times 4!) - 3) \times 2) - 1) \\
 281955 &:= ((1 + (2 \times (3 + 4!))) \times (5 + (6! \times 7))) + 8!/9 &= (((9 + 8!) \times 7) + (6 + (5!/4!))) - (3!/2 - 1) \\
 281956 &:= (1 - (2^{3!} \times 4)) - (5!/6 - (7 \times 8! - 9)) &= 9 + 8! + (((((7! - 6!/5!) \times 4!) - 3) \times 2) + 1) \\
 281957 &:= (1 \times 2 + (3 \times (4! - 5!))) - (6 - (7 \times 8! + 9)) &= ((9 + (8! \times 7!/6!)) - 5) - ((4! \times 3! \times 2) - 1) \\
 281958 &:= ((1 - 2 \times 3!) \times 4!) - ((5! - (6 - (7! - 8!))) \times 9) &= (9 \times (8! - (7! - (6 - 5!)))) - (4! \times (3! \times 2 - 1)) \\
 281959 &:= (1 + (((2 \times 3! - 4!) - (5 \times 6)) \times 7)) - 8 \times 9 &= (((9 + 8!) \times 7!/6!) + 5) + (((4! - 3!)/2) - 1) \\
 281960 &:= (1 - ((2 + 3!) \times (4 + 5!))) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6) - (5! + ((4! \times (3^2)) + 1)) \\
 281961 &:= (1 + (((2 \times 3! - 4!) - (5! - 6!)) \times 7)) - 8!/9 &= (9 + (8! \times 7 + (6! - 5!))) - (4! \times (3!^2 + 1)) \\
 281962 &:= (1 - (2 \times 3^4)) - (5! + (6 - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6!/5!)) + (((4! - 3!)/2) + 1) \\
 281963 &:= ((1 + 2^{3!}) \times 4) + (5! - (6! - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + 6) + (((5!/4) - 3!)/2) - 1) \\
 281964 &:= (1 - (2 \times 3! \times 4!)) + (5!/6 + 7 \times 8! - 9) &= ((9 + 8! \times 7) - (6! + 5)) + (((4! - 3)^2) - 1) \\
 281965 &:= ((1 - 2 \times 3!) \times 4!) - (5!/6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6) + ((5 + ((4! - 3!)/2)) - 1) \\
 281966 &:= ((1 - 2 \times 3!) \times (4 - (5 \times (6 + 7!)))) + 8!/9 &= (((9 + 8!) \times 7) - 6) - ((5 \times ((4^3) + 2)) + 1) \\
 281967 &:= 1 - (2 \times (3! + ((4 \times ((5 + 6!) \times 7) - 8!)) - 9)) &= (9 + ((8! \times 7!/6!) + 5)) - ((4! \times 3! \times 2) - 1) \\
 281968 &:= (1 + ((2 - 3!) \times (4! - 5!))) - (6! - (7 \times (8! + 9))) &= (9 + 8! \times 7 + 6) + (((5! + (4! - 3!))/2) + 1) \\
 281969 &:= (1 \times 2 + (3 \times (4! - 5!))) + (6 + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6 \times 5!)) + (((4! - 3)^2) - 1) \\
 281970 &:= (1 + ((2 + 3!) \times (4 - 5!))) + (6! + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6 \times 5)) - (((4 + 3!)/2) + 1) \\
 281971 &:= ((1 + (2 \times (3! - 4^5))) - 6^7) \times (8 - 9) &= ((9 + 8! \times 7) - (6 \times 5!)) + (((4! - 3)^2) + 1) \\
 281972 &:= (1 \times 2 - 3^4) - (5! + (6 - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + 6) - (5! + ((4! \times (3^2)) + 1)) \\
 281973 &:= (1 + ((2 + 3!) \times 4!)) \times (5! + (6! + (7!/8 - 9))) &= (((9 + 8!) \times 7!/6!) + 5) + (4! - (3!/2 - 1)) \\
 281974 &:= (1 - (2^{3!} \times 4)) - (5!/6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6 - 5!)) - ((4! \times (3^2)) - 1) \\
 281975 &:= (1 - (2^{3!} \times 4 - 5)) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6) + (5! - (((4! - 3)^2) + 1)) \\
 281976 &:= (1 - (2^{3!} + 4!)) - (5! - (6 + (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - 6! + 5) + (((4! - 3)^2) + 1) \\
 281977 &:= (1 - (2^{3!} \times 4)) - ((5 - 6) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6 - 5!)) - (((4! - 3)^2) - 1) \\
 281978 &:= (1 - ((2 + 3!) \times (4 + 5!))) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6) - ((5 \times ((4^3) + 2)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 281979 &:= (1 \times 2 - (3!/4)) - (5!/6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6) + (5 - (((4! - 3!)^2) - 1)) \\
 281980 &:= (1 - (2 \times 3! - (4 \times 5!))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) - (((5 + 4!) \times (3!^2)) - 1) \\
 281981 &:= (1 \times 2 - 3! \times 4!) - (5! + (6 - (7 \times 8! + 9))) &= (((9 + 8!) \times 7!/6!) + 5!) - (((4! - 3!)^2) + 1) \\
 281982 &:= (1 - (2 \times 3! \times 4!)) + (5!/6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) + (((5 \times 4!)/3!)^2) - 1) \\
 281983 &:= (((1 - 2) + 3^4) \times 5) - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7!/6!) + 5!) - (((4! - 3!)^2) - 1) \\
 281984 &:= (1 - 2^{3!}) - (4 + (5! + (6 - (7 \times (8! - 9)))))) &= (9 + (8! \times 7 + (6! - 5!))) - ((4! \times (3!^2)) + 1) \\
 281985 &:= (1 - (2 + 3!) \times 4!) + ((5 - 6) + (7 \times (8! - 9))) &= (((9 + 8!) \times 7!/6!) + 5) - (((4! - 3!)^2) - 1) \\
 281986 &:= (1 - ((2 \times 3!)/4)) + (5! - (6 - (7 \times 8! - 9))) &= (9 + (8! \times 7 + 6!)) - ((5! + (4! \times (3!^2)))) - 1) \\
 281987 &:= ((1 - 2 \times 3!) \times 4!) + (5!/6 + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6) + (5! - (((4! - 3!)^2) + 1)) \\
 281988 &:= (1 - ((2 + (3!/4)) \times 5)) + (6! + (7 \times (8! - 9))) &= 9 - 8 - ((7 \times ((6!/5 \times 4) - (3! + 2!))) + 1) \\
 281989 &:= (1 + (((2 + 3!)! + (4 - (5! - 6!))) \times 7)) - 8!/9 &= (((9 + 8!) \times 7) + 6 + 5!) - (((4! - 3!)^2) - 1) \\
 281990 &:= 1 \times 2 \times (3! - ((4 \times ((5 + 6!) \times 7) - 8!)) - 9) &= 9 + 8! + (7 \times ((6 \times ((5! \times 4!) - 3) \times 2)) - 1) \\
 281991 &:= 1 \times 2^{3!} - (4^5 - (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) + (5 - (((4! - 3!)^2) - 1)) \\
 281992 &:= (1 + ((2 \times 3!)/4)) + (5! - (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6) - (((5 \times 4!) + 3!) \times 2) - 1) \\
 281993 &:= (1 - (2^{3!} \times 4 - 5)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) + (5 - ((4^{3! - 2}) - 1)) \\
 281994 &:= (1 - (2^{3! + 4})) + (5! + (6! + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6) + (((5! - (4 + 3!))/2) - 1) \\
 281995 &:= ((1 + ((2 + 3!)! + (4 - (5! - 6!)))) \times 7) - 8!/9 &= (9 + (8! \times 7 + (6 - 5!))) - (4 \times (3!^2 - 1)) \\
 281996 &:= (1 - (2^{3!} \times 4)) + (5!/6 + 7 \times 8! - 9) &= (9 + (8! \times 7 + 6!)) - (((5! \times 4) + 3!) \times 2) + 1) \\
 281997 &:= (1 \times 2 \times (3 - (4 \times 5!))) + (6! + 7 \times 8! - 9) &= (9 + ((8! \times 7!/6!) + 5)) - ((4^{3! - 2}) + 1) \\
 281998 &:= (1 + (2 \times (3 - (4 \times 5!)))) + (6! + 7 \times 8! - 9) &= (9 + (8! \times 7 + 6!)) - (((5! \times 4) + 3!) \times 2) - 1) \\
 281999 &:= (1 \times 2 + 3!)! - (((4! + (5 - 6 \times 7!)) \times 8) + 9) &= ((9 + 8! \times 7) - 6!) + ((5! \times 4) - (3^2 + 1)) \\
 282000 &:= (1 + (2 + 3!))! - (((4! + (5 - 6 \times 7!)) \times 8) + 9) &= ((9 + 8! \times 7) - (6 - (5! - 4))) - (3!/2 - 1)
 \end{aligned}$$

2.1.3 Numbers From 282001 to 283000

$$\begin{aligned}
 282001 &:= (1 - ((2 \times (3! \times 4! + 5!)) + 6!)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - 6!) - (((5! + 4! \times 3!) \times 2) - 1) \\
 282002 &:= (1 + 2^{3!}) + ((4 \times 5!) - (6! - (7 \times (8! - 9)))) &= (9 + (8! \times 7 + 6!)) - (((5! \times 4) + 3) \times 2) + 1) \\
 282003 &:= (1 \times 2 \times (3! - (4 \times 5!))) + (6! + 7 \times 8! - 9) &= 9 + 8! + (((7 \times 6! - 5) \times 4!) - 3) \times 2 \times 1) \\
 282004 &:= (1 + (2 \times 3! + (4 \times 5!))) - (6! - (7 \times 8! - 9)) &= 9 + 8! + (7 \times ((6 \times ((5! \times 4!) - 3) \times 2)) + 1) \\
 282005 &:= ((1 - 2 \times 3!) \times 4!) + (5!/6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6!/5)) - (((4! - 3!)^2) + 1) \\
 282006 &:= (1 - (2 + 3!) \times 4!) + (5!/6 + (7 \times (8! - 9))) &= (9 + ((8! \times 7!/6!) + (5! - 4))) - (3!/2 - 1) \\
 282007 &:= ((1 - 2 \times 3!) \times 4) - (5! + (6 - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + (6!/5)) - (((4! - 3!)^2) - 1) \\
 282008 &:= (1 + ((2 - (3!/4)) \times 5)) + (6! + (7 \times (8! - 9))) &= (9 + (8 \times (7! - 6) \times 5)) + (((4!/3!) \times 2) - 1) \\
 282009 &:= 1 \times 2^{3!} - (4^5 - (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7!/6!) - 5) - ((4! \times 3! \times 2) + 1) \\
 282010 &:= (1 + ((2 \times 3!)/4)) + (5! - (6! - (7 \times 8! + 9))) &= (9 + (8 \times (7! - 6) \times 5)) + (((4!/3!) \times 2) + 1) \\
 282011 &:= (1 \times 2 - 3!!) + ((4! \times (5!/6)) + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!/5) - (4 \times (3!^2 + 1)) \\
 282012 &:= (1 - 2^{3!}) - (((4! + 5) \times 6) - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! - (5! + 4))) + (3!/2 - 1) \\
 282013 &:= (1 \times 2 \times (3! + 4^5)) + (6^7 + 8 + 9) &= (((9 + 8!) \times 7) - 6) + (5 - ((4! \times 3! \times 2) + 1))
 \end{aligned}$$

$$\begin{aligned}
 282014 &:= (1 - (2^{3!} \times 4)) + (5!/6 + (7 \times 8! + 9)) &= 9 + 8! + (((((7 \times 6! - 5) \times 4!) + 3) \times 2) - 1) \\
 282015 &:= ((1 + 2 \times 3!) \times 4!) + (5! - (6! - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (6! - 5!)) - (4! \times (3!^2 + 1)) \\
 282016 &:= (1 + (2 \times (3 - (4 \times 5!)))) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) - (((5! \times 4) - 3) \times 2) - 1) \\
 282017 &:= (1 \times 2 + 3!)! - (((4! + (5 - 6 \times 7!)) \times 8) - 9) &= (((9 + 8!) \times 7) + 6) - ((5 + (4! \times 3! \times 2)) - 1) \\
 282018 &:= (1 + (2 + 3!))! - (((4! + (5 - 6 \times 7!)) \times 8) - 9) &= (((9 + 8!) \times 7) - (6! + 5)) + (((4! - 3!)^2) - 1) \\
 282019 &:= ((1 - 2 \times 3!) \times 4) - (5! - (6 + (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - 6!) + ((5! \times 4) + (3^2 + 1)) \\
 282020 &:= (1 - (2 + 3!) \times 4!) - (5!/6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) - (((5! - 4!/3) \times 2) - 1) \\
 282021 &:= ((1 + (2 + 3!))! - (4 + 5!)) - (6 \times (7 - 8! + 9)) &= (((9 + 8!) \times 7!/6!) + 5) - ((4! \times 3! \times 2) - 1) \\
 282022 &:= (1 + (2 \times 3! + (4 \times 5!))) - (6! - (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) - (((5! \times 4) - 3!) \times 2) - 1) \\
 282023 &:= ((1 \times 2 + 3!) \times (4 - 5!)) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - (6 \times 5!)) + (((4! - 3!)^2) - 1) \\
 282024 &:= (1 + ((2 + 3!) \times (4 - 5!))) + (6! + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) - (((5! - (4 + 3!)) \times 2) - 1) \\
 282025 &:= ((1 + (2 \times 3! - 4!)) - 5!) - (6 \times (7 - 8! + 9)) &= (((9 + 8!) \times 7) - (6 \times 5!)) + (((4! - 3!)^2) + 1) \\
 282026 &:= 1 \times 2 + (3!! + ((4^5 + (6 \times 7! - 8)) \times 9)) &= (((9 + 8!) \times 7) + 6) - (((5! + (4! - 3)) \times 2) + 1) \\
 282027 &:= ((1 - 2 \times 3!) \times 4!) + (5! - (6 - (7 \times (8! - 9)))) &= ((9 + (8! \times 7!/6!)) - 5) - ((4! \times (3^2)) + 1) \\
 282028 &:= (1 - (2^{3!} \times 4)) - (5!/6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6! + 5) + (((4! - 3!)^2) - 1) \\
 282029 &:= (1 + ((2 + 3!)! + 4 - 5!)) - (6 \times (7 - 8! + 9)) &= ((9 + (8! \times 7!/6!)) - 5) - ((4! \times (3^2)) - 1) \\
 282030 &:= (1 - (2^{3!} + 4!)) - (5! - ((6 + 7 \times 8!) - 9)) &= (((9 + 8!) \times 7) - 6! + 5) + (((4! - 3!)^2) + 1) \\
 282031 &:= ((1 + 2)! \times (3 - 4!)) - (5!/6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6) - (5^4) + (3!/2 - 1) \\
 282032 &:= (1 - ((2 + 3!) \times (4 + 5!))) + (6! + (7 \times (8! + 9))) &= (9 + 8! \times 7 + 6) - (((5! - 4!/3) \times 2) - 1) \\
 282033 &:= (1 \times 2 - (3!/4)) - (5!/6 - (7 \times 8! - 9)) &= (9 + ((8!/7!)^6) + (((5! + (4! - 3)) ^2) - 1) \\
 282034 &:= (1 \times 2 - 3! \times 4!) + ((5 - 6) + (7 \times (8! - 9))) &= (9 \times (8 + (7! \times 6))) + (((5! - (4! - 3)) ^2) + 1) \\
 282035 &:= (1 \times 2 - ((3 \times 4!) + 5!)) - (6 - (7 \times 8! - 9)) &= (9 + ((8!/7!)^6) + (((5! + (4! - 3)) ^2) + 1) \\
 282036 &:= (1 - (2^{3!} + 4!)) - (5! + (6 - (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6!/5 + 4))) - (3!/2 + 1) \\
 282037 &:= 1 \times 2 - (((3!^4 - 5!)/6) - (7 \times 8! - 9)) &= (9 + ((8! \times 7!/6!) + 5)) - ((4! \times (3^2)) + 1) \\
 282038 &:= (1 - 2^{3!}) - (4 + (5! + (6 - (7 \times 8! - 9)))) &= 9 + 8! + (((7! + (6! - 5)) \times ((4! - 3) \times 2)) - 1) \\
 282039 &:= (1 - (2 + 3!) \times 4!) + (((5 - 6) + 7 \times 8!) - 9) &= (9 + ((8! \times 7!/6!) + 5)) - ((4! \times (3^2)) - 1) \\
 282040 &:= (1 + (2 \times (3! \times 4! + 5!))) - (6! - (7 \times 8! - 9)) &= 9 + 8! + (((7! + (6! - 5)) \times ((4! - 3) \times 2)) + 1) \\
 282041 &:= ((1 \times 2 + 3!) \times (4 - 5!)) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6) - (5! + (4 \times (3!^2 + 1))) \\
 282042 &:= (1 - ((2 + (3!/4)) \times 5)) + (6! + 7 \times 8! - 9) &= 9 - ((8 \times (7! + ((6 + (5 \times 4)) - (3! + 2)!))) - 1) \\
 282043 &:= ((1 + (2 + 3!))! - (4! + 5!)) + (6 \times (7! \times 8 - 9)) &= (((9 + 8!) \times 7) + 6) - (5^4) + (3!/2 - 1) \\
 282044 &:= (1 - 2 \times 3!) + (4 - (5! + (6 - (7 \times (8! - 9)))))) &= ((9 + (8 \times (7! - 6))) \times 5) + (((4!/3)! \times 2) - 1) \\
 282045 &:= ((1 \times 2 + 3!)! - (4! + 5!)) - ((6 \times (7 - 8!)) + 9) &= (((9 + 8!) \times 7) + 6) - (5^4) + (3!/2 + 1) \\
 282046 &:= (1 - (2 \times (3! + 4!))) - (5! + (6 - (7 \times 8! - 9))) &= ((9 + (8 \times (7! - 6))) \times 5) + (((4!/3)! \times 2) + 1) \\
 282047 &:= (1 - (2^{3!} \times 4 - 5)) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6) + (5 - ((4^{3! - 2}) - 1)) \\
 282048 &:= (1 - (2^{3! + 4})) + (5! + (6! + 7 \times 8! - 9)) &= (9 - (8 - 7)) \times (6 \times (5! + (4 \times (3! \times 2 - 1)))) \\
 282049 &:= (1 + ((2 + 3!)! + (4! - 5!))) - (6 \times (7 - 8! + 9)) &= (((9 + 8!) \times 7) + (6 - 5!)) - (4 \times (3!^2 - 1)) \\
 282050 &:= (1 - (2 \times 3^4)) - (5!/6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) - (((5! \times 4) + 3!) \times 2) + 1) \\
 282051 &:= (1 + (((2 + 3!)! - (4! + 5)) \times 6)) - (7 - 8! + 9) &= (9 + ((8 \times (7! + (6^5)))/4)) \times ((3! \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 282052 &:= (1 - (2 \times (3 + 4!))) - (5! + (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + 6!) - (((5! \times 4) + 3!) \times 2) - 1 \\
 282053 &:= (1 \times 2 - (3!/4 \times 5)) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6!) + ((5! \times 4) - (3^2 + 1)) \\
 282054 &:= 1 \times 2 \times (3 \times (4! + (5^6 + (7 \times 8!/9)))) &= ((9 + 8! \times 7) - 6) + (((5^4) - 3!) \times 2) + 1 \\
 282055 &:= ((1 \times 2^{3!}) + (4 \times 5!)) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) + (5 - ((4! \times (3! + 2)) + 1)) \\
 282056 &:= ((1 + (2 \times (3 + 4!))) \times 5!) + (6^7 - 8!/9) &= (((9 + 8!) \times 7) + 6!) - (((5! \times 4) + 3) \times 2) + 1 \\
 282057 &:= (((1 \times 2 + 3!)! - (4! + 5)) \times 6) + (7! \times 8 - 9) &= (9 + ((8! \times 7!/6!) + 5!)) - (4! \times (3! \times 2 + 1)) \\
 282058 &:= (1 - (2 \times 3! \times 4!)) + (5! - (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + 6) - (((5 \times 4!) + 3!) \times 2) - 1 \\
 282059 &:= ((1 - 2 \times 3!) \times 4!) + (5!/6 + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - ((6 \times 5!)/4)) - (3^2 + 1) \\
 282060 &:= (1 - (2 + 3!) \times 4!) + (5!/6 + 7 \times 8! - 9) &= (((9 + 8!) \times 7!/6!) + (5! - 4)) - (3!/2 - 1) \\
 282061 &:= ((1 - 2 \times 3!) \times 4) - (5! + (6 - (7 \times 8! - 9))) &= (9 + ((8! \times 7!/6!) + 5)) - ((4! \times (3! + 2)) + 1) \\
 282062 &:= (1 + ((2 - (3!/4)) \times 5)) + (6! + 7 \times 8! - 9) &= ((9 + 8! \times 7) - (6 + (5! + 4!))) - (3!^2 + 1) \\
 282063 &:= ((1 + (2 + 3!)!) - 4) - (5! - (6 \times (7! \times 8 - 9))) &= (9 + (8! \times 7 + 6!)) - (5 + (((4! + 3!)^2) + 1)) \\
 282064 &:= (1 - (2 \times (3 + 4!))) - (5! - ((6 + 7 \times 8!) - 9)) &= ((9 + 8! \times 7) - (6 + (5! + 4!))) - (3!^2 - 1) \\
 282065 &:= (1 - ((2 \times (3!^4 - 5!)) - 6^7)) + 8!/9 &= (9 + (8! \times 7 + (6! - 5))) - (((4! + 3!)^2) - 1) \\
 282066 &:= (1 - 2^{3!}) + (4! - (5! + (6 - (7 \times 8! - 9)))) &= (9 + 8! \times 7 + 6) + (((5^4) - 3!) \times 2) + 1 \\
 282067 &:= ((1 + (2 \times 3! - 4!)) - 5!) + (6 \times (7! \times 8 - 9)) &= (((9 + 8!) \times 7) - 6!/5) - (4 \times ((3! - 2)! - 1)) \\
 282068 &:= (1 - (2 \times 3^4)) - (5!/6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6) - (((5 \times 4!) - 3!) \times 2) + 1 \\
 282069 &:= (1 + (((2 + 3!)! - (4! + 5)) \times 6)) - (7 - 8! - 9) &= 9 + 8! - 7 - ((6 \times ((5 + 4!) - (3! + 2)!)) - 1) \\
 282070 &:= 1 - 2 \times 3! - (4! + (5! + (6 - (7 \times 8! - 9)))) &= (((9 + 8!) \times 7) + 6!) - (((5! \times 4) - 3) \times 2) - 1 \\
 282071 &:= (1 + ((2 + 3!)! + 4 - 5!)) + (6 \times (7! \times 8 - 9)) &= ((9 + 8! \times 7) - 6) + (((5 - 4!) \times (3^2)) - 1) \\
 282072 &:= 1 + 2 \times 3! - (4 + 5! - (6 + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + (6 + (5! + 4))) - (3!/2 + 1) \\
 282073 &:= (1 - ((2 - 3^4) \times 5!)) + (6 \times ((7! + 8) \times 9)) &= (((9 + 8!) \times 7) - 6!) + ((5! \times 4) + (3^2 + 1)) \\
 282074 &:= (1 + 2^{3!}) + ((4 \times 5!) - (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6) - (((5! - 4!/3) \times 2) - 1) \\
 282075 &:= (((1 \times 2 + 3!)! - (4! + 5)) \times 6) + (7! \times 8 + 9) &= (9 + (8! \times 7 + 6!)) + (5 - (((4! + 3!)^2) - 1)) \\
 282076 &:= (1 - (2 \times 3! \times 4!)) + (5! - (6 - (7 \times 8! + 9))) &= ((9 + (8! \times 7!/6!)) - 5!) - ((4! + 3) \times 2 - 1) \\
 282077 &:= ((1 - 2 \times 3!) \times (4 \times 5)) - (6 - (7 \times (8! + 9))) &= ((9 + (8! \times 7!/6!)) - 5!) - (4 \times (3! \times 2 + 1)) \\
 282078 &:= (1 - 2^{3!}) + (4! - (5! - ((6 + 7 \times 8!) - 9))) &= ((9 + 8! \times 7) - 6) + (5 \times (4 - (3!^2 + 1))) \\
 282079 &:= ((1 - 2 \times 3!) \times 4) - (5! + (6 - (7 \times 8! + 9))) &= ((9 + 8! \times 7) - ((6 \times 5!)/4)) + 3^2 + 1 \\
 282080 &:= (1 + (2 + 3!)!) - (((4! - (5 + 6 \times 7!)) \times 8) + 9) &= (((9 + 8!) \times 7) + 6) - (((5 \times 4!) - 3!) \times 2) + 1 \\
 282081 &:= ((1 - 2 \times 3!) \times 4!) + (5! - (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7!/6!) - 5) - ((4! \times (3^2)) + 1) \\
 282082 &:= 1 - 2 \times 3! - (4! + (5! - ((6 + 7 \times 8!) - 9))) &= (9 + (8! \times 7 + (6 - 5!))) - ((4! + 3) \times 2 - 1) \\
 282083 &:= (1 + (((2 + 3!)! - (4! + 5)) \times 6) + 7) + (8! + 9) &= (((9 + 8!) \times 7!/6!) - 5) - ((4! \times (3^2)) - 1) \\
 282084 &:= (1 - 2^{3!}) + (4! - (5! + (6 - (7 \times 8! + 9)))) &= ((9 + 8! \times 7) - 6) + ((5 \times (4 - 3!^2)) + 1) \\
 282085 &:= ((1 + (2 + 3!)!) - (4! + 5!)) + (6 \times (7 + 8! - 9)) &= (9 + 8! \times 7 + 6) + (((5 - 4!) \times (3^2)) + 1) \\
 282086 &:= 1 \times 2 + (3 - (4! + (5! + (6 - (7 \times 8! - 9)))))) &= (((9 + 8!) \times 7) + 6) - (((5! - 4!/3) \times 2) - 1) \\
 282087 &:= ((1 \times 2 + 3!)! - (4! + 5!)) + ((6 \times 7! \times 8) - 9) &= 9 \times 8 - ((7 \times ((6 \times 5) - ((4!/3)! - 2))) + 1) \\
 282088 &:= ((1 + (2 + 3!)!) - (4! + 5!)) + ((6 \times 7! \times 8) - 9) &= ((9 + 8! \times 7) - 6) + (5 \times (4 - (3!^2 - 1))) \\
 282089 &:= ((1 \times 2 + 3!)! - (4! + 5!)) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6 + 5!)) - (4! + (3^2 + 1)) \\
 282090 &:= (1 - (2 \times 3^4)) + (5!/6 + 7 \times 8! - 9) &= (9 + (8! + (7! - ((6! - 5) \times 4!)))) \times (3^2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 282091 &:= (1 + ((2 + 3!) + (4! - 5!))) + (6 \times (7! \times 8 - 9)) = (((9 + 8!) \times 7!/6!) + 5) - ((4! \times (3^2)) + 1) \\
 282092 &:= (1 + ((2 + 3!) + 4 - 5!)) - ((6 \times (7 - 8!)) - 9) = ((9 + 8! \times 7) - (6 + 5!)) + (4 - (3!^2 - 1)) \\
 282093 &:= ((1 - 2 \times 3!) \times 4!) + (5! + ((6 + 7 \times 8!) - 9)) = (((9 + 8!) \times 7!/6!) + 5) - ((4! \times (3^2)) - 1) \\
 282094 &:= ((1 + 2 \times 3!!) \times ((4! + 5) \times 6)) + (7 \times 8!/9) = (9 + 8! \times 7 + 6) + ((5 \times (4 - 3!^2)) - 1) \\
 282095 &:= 1 \times 2 + 3! + (4! - (5! - (6 + (7 \times (8! - 9)))))) = (9 \times (8! - 7!)) - (6^5 + (4!^3 \times 2 + 1)) \\
 282096 &:= (1 - 2^{3!}) + (4! - (5! - (6 + (7 \times 8! + 9)))) = (9 + 8! \times 7 + 6) + ((5 \times (4 - 3!^2)) + 1) \\
 282097 &:= (1 \times 2 + 3!)! - (((4! - (5 + 6 \times 7!)) \times 8) - 9) = (9 \times (8! - 7!)) - (6^5 + (4!^3 \times 2 - 1)) \\
 282098 &:= (1 + (2 + 3!))! - (((4! - (5 + 6 \times 7!)) \times 8) - 9) = (((9 + 8!) \times 7) + 6) - ((5 \times ((4! - 3) \times 2)) + 1) \\
 282099 &:= ((1 - 2 \times 3!) \times 4!) + (5! - (6 - (7 \times 8! + 9))) = (9 + (8! \times 7 + (6! - 5!))) - ((4! \times (3!^2)) + 1) \\
 282100 &:= (1 - (2 + 3!) \times 4!) + (5! - (6 - (7 \times (8! - 9)))) = ((9 + 8! \times 7) - 6) + (5 - (4 \times (3!^2 + 1))) \\
 282101 &:= 1 \times 2 + 3! - (4! + (5! - ((6 + 7 \times 8!) - 9))) = (9 + (8! \times 7 + (6 - 5!))) - (4! + (3^2 + 1)) \\
 282102 &:= 1 - 2 \times 3! - (4 + 5! - ((6 + 7 \times 8!) - 9)) = (9 + (8! \times 7 + (6 - 5!))) + (4 - (3!^2 + 1)) \\
 282103 &:= ((1 + 2 \times 3!) \times 4) - (5! + (6 - (7 \times (8! - 9)))) = ((9 + 8! \times 7) - 6!) + (((5! - 4!) \times 3!) - (2 \times 1)) \\
 282104 &:= (1 - (2 \times (3 + 4!))) - (5!/6 - (7 \times (8! - 9))) = ((9 + (8! \times 7!/6!)) - 5) - (4 \times (3!^2 - 1)) \\
 282105 &:= ((1 + (2 + 3!))! - 4) - (5! - (6 \times (7 + 8! - 9))) = (((9 + 8!) \times 7) - (6 - 5!)) - (4! \times (3! \times 2 + 1)) \\
 282106 &:= ((1 + (2 + 3!))! - (4! + 5!)) + ((6 \times 7! \times 8) + 9) = (((9 + 8!) \times 7) - 6!/5) - ((4! + 3) \times 2 - 1) \\
 282107 &:= ((1 \times 2 + 3!)! - 4) - (5! - ((6 \times 7! \times 8) - 9)) = (((9 + 8!) \times 7) - 6!/5) - (4 \times (3! \times 2 + 1)) \\
 282108 &:= ((1 + (2 + 3!))! - 4) - (5! - ((6 \times 7! \times 8) - 9)) = (((9 + 8!) \times 7) - 6) + (((5^4) - 3!) \times 2 + 1) \\
 282109 &:= ((1 + (2 \times 3! - 4!)) - 5!) + (6 \times (7 + 8! - 9)) = ((9 + 8! \times 7) - (6 + (5! + 4))) - (3^2 + 1) \\
 282110 &:= (1 - 2 \times 3!) + (4 - (5! - ((6 + 7 \times 8!) - 9))) = (((9 + 8!) \times 7) + 6) - ((5 \times (4 + 3!^2)) - 1) \\
 282111 &:= ((1 - 2 \times 3!) \times 4!) + (5! + (6 + (7 \times 8! + 9))) = (9 + (8! \times 7 + 6!)) + (5 - ((4! \times (3!^2)) - 1)) \\
 282112 &:= ((1 + (2 \times 3! - 4!)) - 5!) + ((6 \times 7! \times 8) - 9) = (9 + 8! \times 7 + 6) + (5 - (4 \times (3!^2 + 1))) \\
 282113 &:= ((1 - 2 \times 3!) \times 4) - (5!/6 - (7 \times (8! - 9))) = (9 + (8! + 7)) - (((6!/5!) \times (4! - (3! + 2!))) - 1) \\
 282114 &:= 1 + 2 \times 3! - (4 + (5! + (6 - (7 \times 8! - 9)))) = (9 + ((8! \times 7!/6!) + 5)) - (4 \times (3!^2 - 1)) \\
 282115 &:= ((1 + 2 \times 3!) \times 4) - (5! - (6 + (7 \times (8! - 9)))) = ((9 + (8! \times 7!/6!)) - (5! + 4)) - (3^2 + 1) \\
 282116 &:= (1 + ((2 + 3!) + 4 - 5!)) + ((6 \times 7! \times 8) - 9) = (((9 + 8!) \times 7) + (6 \times (5 + 4!))) - (3!/2 + 1) \\
 282117 &:= (1 \times 2 + 3!!) + (4 - (5! + (6! - (7 \times 8! - 9)))) = ((9 + 8! \times 7) - ((6 + 5!) - 4)) - (3^2 + 1) \\
 282118 &:= (1 - 2 \times 3!) + (4! - (5! + (6 - (7 \times 8! - 9)))) = (((9 + 8!) \times 7) - (6!/5 + 4)) - (3!^2 + 1) \\
 282119 &:= 1 \times 2^{3!} + (4 - (5! + (6 - (7 \times (8! - 9)))))) = ((9 + 8! \times 7) - 6!) + ((5^4) - (3!^2 - 1)) \\
 282120 &:= 1 - 2 \times 3! - (4 + 5! - (6 + (7 \times 8! + 9))) = (((9 + 8!) \times 7) - (6!/5 + 4)) - (3!^2 - 1) \\
 282121 &:= (1 - ((2 \times 3!! \times 4!) + (5! + 6!))) - ((7! - 8!) \times 9) = (9 + (8! \times 7 + (6 - (5! + 4)))) - (3^2 + 1) \\
 282122 &:= 1 + 2 \times 3! + (4 - (5! + (6 - (7 \times 8! - 9)))) = (((9 + 8!) \times 7) + (6 \times 5!)) - (((4! + 3!)^2) + 1) \\
 282123 &:= 1 \times 2^{3!} - (4 + 5! - (6 + (7 \times (8! - 9)))) = 9 + 8! - 7 - ((6 \times ((5 \times 4) - (3! + 2!))) - 1) \\
 282124 &:= (1 - (2^{3!} + 4!)) - (5!/6 - (7 \times 8! - 9)) = (((9 + 8!) \times 7) + (6!/5)) - (((4! - 3!)^2) - 1) \\
 282125 &:= (1 + (((2 + 3!)! - (4! - 5!)) \times 6) + 7) + (8! - 9) = (((9 + 8!) \times 7) - 6!/5) - (4! + (3^2 + 1)) \\
 282126 &:= ((1 + (2 + 3!))! - 4) - (5! - ((6 \times 7! \times 8) + 9)) = (((9 + 8!) \times 7) - 6!/5) + (4 - (3!^2 + 1)) \\
 282127 &:= (1 \times 2 - 3! \times 4!) + (5!/6 + (7 \times 8! + 9)) = (((9 + 8!) \times 7) - 6) + (((5 - 4!) \times (3^2)) + 1) \\
 282128 &:= (1 - 2 \times 3!) + (4 - (5! - (6 + (7 \times 8! + 9)))) = (((9 + 8!) \times 7) - 6!/5) + (4 - (3!^2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 282129 &:= (1 + (((2 + 3!)! + (4! - (5! - 6!))) \times 7)) - 8!/9 &= (9 + (8! \times 7 + (6 - (5! - 4)))) - (3^2 + 1) \\
 282130 &:= ((1 + (2 \times 3! - 4)!) - 5!) + ((6 \times 7! \times 8) + 9) &= (((9 + 8!) \times 7) + 6!) - (5 + (4! \times (3!^2 + 1))) \\
 282131 &:= 1 \times 2^{3!} + (4 - (5! - (6 + (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - 6!) + ((5^4) - ((3! - 2!) - 1)) \\
 282132 &:= 1 + 2 \times 3! - (4 + (5! + (6 - (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) - 6) + (5 \times (4 - (3!^2 + 1))) \\
 282133 &:= (1 + ((2 + 3!)! + (4! - 5!))) + (6 \times (7 + 8! - 9)) &= (((9 + 8!) \times 7) - 6 \times 5) - (4 \times (3!^2 - 1)) \\
 282134 &:= (1 + ((2 + 3!)! + 4 - 5!)) + ((6 \times 7! \times 8) + 9) &= ((9 + 8! \times 7) - (6 + (5! + 4!))) + (3!^2 - 1) \\
 282135 &:= ((1 + ((2 + 3!)! + (4! - (5! - 6!)))) \times 7) - 8!/9 &= ((9 + (8! \times 7!/6!)) - (5! + 4)) + 3^2 + 1 \\
 282136 &:= (1 + ((2 + 3!)! + (4! - 5!))) + ((6 \times 7! \times 8) - 9) &= (((9 + 8!) \times 7) + (6 - 5!)) - ((4! + 3) \times 2 - 1) \\
 282137 &:= (1 + ((2 + 3!)! + 4 - 5!)) - (6 \times (7 - 8! - 9)) &= ((9 + 8! \times 7) - ((6 + 5!) - 4)) + 3^2 + 1 \\
 282138 &:= (1 - (2 \times (3! + 4!))) + (5!/6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6) + ((5 \times (4 - 3!^2)) + 1) \\
 282139 &:= 1 \times 2^{3!} - (((4! + 5) \times 6) - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6) + (((5 - 4!) \times (3^2)) + 1) \\
 282140 &:= (1 + 2^{3!}) - (((4! + 5) \times 6) - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) + (5 - (4! \times (3!^2 + 1))) \\
 282141 &:= (1 \times 2 - 3 \times 4!) - (5!/6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6 - (5! + 4)))) + 3^2 + 1 \\
 282142 &:= (1 - (2 \times (3^4 \times 5))) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6) + (5 \times (4 - (3!^2 - 1))) \\
 282143 &:= (1 + (((2 + 3!)! - (4! - 5)) \times 6) + 7)) + (8! + 9) &= (((9 + 8!) \times 7) - 6!) + ((5! + ((4! - 3)^2)) - 1) \\
 282144 &:= (((1 - 2 \times 3!) \times 4!) - (5! + 6!)) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7) + 6) + (5 \times (4 - (3!^2 + 1))) \\
 282145 &:= ((1 - 2 \times 3!) \times 4) - (5! - (6 + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - (6!/5 + 4)) - (3^2 + 1) \\
 282146 &:= ((1 - (2 \times 3^4)) \times 5) + (6! + 7 \times 8! - 9) &= ((9 + 8! \times 7) - (6 - 5!)) - ((4! \times (3^2)) + 1) \\
 282147 &:= (1 + (2 \times ((3^4 + 5!) \times (6! - 7)))) - 8!/9 &= ((9 + (8! \times 7!/6!)) - 5) - ((4 \times (3! - 2)!) + 1) \\
 282148 &:= (1 - (2 \times (3 - 4!))) - (5! + (6 - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - (6 - 5!)) - ((4! \times (3^2)) - 1) \\
 282149 &:= 1 \times 2 + 3! + (4! - (5! - ((6 + 7 \times 8!) - 9))) &= (9 + (8! \times 7 + (6 - (5! - 4)))) + 3^2 + 1 \\
 282150 &:= (1 - 2 \times 3!) + (4 - (5!/6 - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + 6) + ((5 \times (4 - 3!^2)) + 1) \\
 282151 &:= (1 + ((2 - 3!) \times ((4! - 5!) \times 6!))) + ((7!/8) \times 9) &= (((9 + 8 \times 7!) \times 6) - (5! + 4!)) + ((3! + 2)! + 1) \\
 282152 &:= (1 - (2 \times (3! + 4!))) - (5!/6 - (7 \times 8! - 9)) &= (9 + ((8! \times 7!/6!) + 5!)) - ((4! \times (3^2)) + 1) \\
 282153 &:= ((1 - 2 \times 3!) \times 4) + (5!/6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6! - 5)) - ((4! \times (3!^2)) + 1) \\
 282154 &:= (1 + ((2 + 3!)! + (4! - 5!))) + ((6 \times 7! \times 8) + 9) &= (9 + ((8! \times 7!/6!) + 5!)) - ((4! \times (3^2)) - 1) \\
 282155 &:= (1 \times 2 + 3!! + 4!) - (5! + (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6 - 5!)) - (4! + (3^2 + 1)) \\
 282156 &:= ((1 \times 2 + 3!)! + (4! - 5!)) - (6 \times (7 - 8! - 9)) &= (((9 + 8!) \times 7) + (6 - 5!)) + (4 - (3!^2 + 1)) \\
 282157 &:= ((1 + 2 \times 3!) \times 4) - (5! + (6 - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - (6 + 5!)) + (4! + (3^2 + 1)) \\
 282158 &:= ((1 + (2 + 3!)!) - (4! + 5)) + (6 \times (7! \times 8 - 9)) &= (((9 + 8!) \times 7!/6!) - 5) - (4 \times (3!^2 - 1)) \\
 282159 &:= (1 \times 2 - 3 \times 4!) - (5!/6 - (7 \times 8! + 9)) &= (9 + ((8! \times 7!/6!) + 5)) - ((4 \times (3! - 2)!) - 1) \\
 282160 &:= (1 + (2 \times (3 + 4!))) - (5! + (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7!/6!) + 5) - (4 \times (3!^2 + 1)) \\
 282161 &:= ((1 + (2 + 3!)!) - (4! + 5)) - ((6 \times (7 - 8!)) + 9) &= (((9 + 8!) \times 7) - 6!) + (((5! - 4!) \times 3!) + 2 \times 1) \\
 282162 &:= (1 - (2 \times 3^4)) + (5!/6 + (7 \times (8! + 9))) &= ((9 + (8! \times 7!/6!)) - 5!) - (4 - (3!^2 + 1)) \\
 282163 &:= 1 \times 2^{3!} - (4! + (5! + (6 - (7 \times 8! + 9)))) &= ((9 + (8! \times 7!/6!)) - 5!) + (4! + (3^2 + 1)) \\
 282164 &:= (1 - (2^{3!} + 4!)) + (5!/6 + 7 \times 8! - 9) &= ((9 + 8! \times 7) - ((6 + 5!) - 4)) + 3!^2 + 1 \\
 282165 &:= ((1 - 2 \times 3!) \times 4!) + (5! + (6 + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - (6!/5 + 4)) + 3^2 + 1 \\
 282166 &:= (1 + (2 \times (3! + 4!))) - (5! + (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + 6) + (5 - (4 \times (3!^2 + 1)))
 \end{aligned}$$

$$\begin{aligned}
 282167 &:= ((1 - 2 \times 3!) \times 4) - (5!/6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6!) + ((5^4) + (3! \times 2 + 1)) \\
 282168 &:= ((1 + (2 + 3!)!) - 4!) - (((5 - 6 \times 7!) \times 8) + 9) &= (((9 + 8!) \times 7!/6!) + 5) - (4 \times (3!^2 - 1)) \\
 282169 &:= ((1 + 2 \times 3!) \times 4) - (5! - ((6 + 7 \times 8!) - 9)) &= (9 + (8! \times 7 + (6 - 5!))) + (4! + (3^2 + 1)) \\
 282170 &:= (1 + 2^{3!}) - ((4! \times 5) + (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + (6 - (5! - 4))) - ((3! - 2)! - 1) \\
 282171 &:= ((1 + (2 + 3!)!) - 4) - (5! - (6 \times (7! \times 8 + 9))) &= (((9 + 8!) \times 7) - 6!) + ((5^4) - (3!^2 + 1)) \\
 282172 &:= (1 + (2 \times (3 + 4!))) - (5! - ((6 + 7 \times 8!) - 9)) &= 9 + 8! + (7 \times (((6 \times (5! \times 4!)) - 3!) \times 2) + 1)) \\
 282173 &:= 1 \times 2^{3!} + (4 - (5! + (6 - (7 \times 8! - 9)))) &= (((9 + 8!) \times 7) - 6!) + ((5^4) - (3!^2 - 1)) \\
 282174 &:= (1 + 2^{3!}) + (4 - (5! + (6 - (7 \times 8! - 9)))) &= (9 + (8! \times 7 + (6 - (5! - 4)))) + (3!^2 - 1) \\
 282175 &:= ((1 + (2 \times 3! - 4)!) - 5!) + (6 \times (7! \times 8 + 9)) &= (((9 + 8!) \times 7) + (6 - (5! + 4))) - (3^2 + 1) \\
 282176 &:= (1 - (2 \times (3 + 4!))) - (5!/6 - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6!/5))) - ((4! \times (3^2)) + 1) \\
 282177 &:= (1 + (2^{3!} \times (4! - (5 + 6! - 7!)))) + 8!/9 &= ((9 + (8! - 7) \times 6) - 5) - (4! - ((3! + 2)! - 1)) \\
 282178 &:= ((1 + (2 + 3!)!) - 4) - (5 - (6 \times (7! \times 8 - 9))) &= (9 + (8! \times 7 + (6!/5))) - ((4! \times (3^2)) - 1) \\
 282179 &:= (1 + ((2 + 3!)! + 4 - 5!)) + (6 \times (7! \times 8 + 9)) &= ((9 + (8! - 7) \times 6) - 5) - (4! - ((3! + 2)! + 1)) \\
 282180 &:= ((1 \times 2 + 3!)! - 4) - (5 + ((6 \times (7 - 8!)) + 9)) &= 9 + 8! - (((7!/6!) \times ((5 - (4! \times 3!)) \times 2)) - 1) \\
 282181 &:= ((1 + (2 + 3!)!) - 4) - (5 + ((6 \times (7 - 8!)) + 9)) &= ((9 + (8! \times 7!/6!)) - 5!) + (4 \times (3! \times 2 + 1)) \\
 282182 &:= (1 + (2 \times 3! - 4)!) - (5 - (6 \times (7! \times 8 - 9))) &= ((9 + (8! \times 7!/6!)) - 5!) + ((4! + 3) \times 2 - 1) \\
 282183 &:= 1 \times 2^{3!} - (4 + (5! + (6 - (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) + (6 - (5! - 4))) - (3^2 + 1) \\
 282184 &:= (1 - (2 \times 3^4)) + (5! - (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + (6! - (5! \times 4))) - (3!/2 - 1) \\
 282185 &:= ((1 - 2 \times 3!) \times 4) - (5!/6 - (7 \times 8! + 9)) &= (9 \times ((8!/7) - 6)) + (((5! \times (4!/3!))^2) - 1) \\
 282186 &:= ((1 + (2 + 3!)!) - 4!) - (((5 - 6 \times 7!) \times 8) - 9) &= (9 \times ((8!/7!) - (6 - 5!))) \times ((4^{3! - 2}) + 1) \\
 282187 &:= ((1 + 2 \times 3!) \times 4) - (5! - (6 + (7 \times 8! + 9))) &= (9 \times ((8!/7) - 6)) + (((5! \times (4!/3!))^2) + 1) \\
 282188 &:= ((1 + (2 + 3!)!) - 4) - (((5 - 6 \times 7!) \times 8) + 9) &= (9 + (8! \times 7 + (6 - 5!))) + ((4! + 3) \times 2 - 1) \\
 282189 &:= ((1 + (2 + 3!)!) - (4! - 5)) - ((6 \times (7 - 8!)) - 9) &= (9 + (((8! - 7) \times 6) + 5)) - (4! - ((3! + 2)! + 1)) \\
 282190 &:= (1 + (2 \times (3 + 4!))) - (5! - (6 + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6!/5) - (4 - (3!^2 - 1)) \\
 282191 &:= ((1 + (2 + 3!)!) - 4) + (5 - ((6 \times (7 - 8!)) + 9)) &= ((9 + (8! \times 7!/6!)) - 5) - ((4! + 3) \times 2 - 1) \\
 282192 &:= (1 + (2 \times 3! - 4)!) - (((5 - 6 \times 7!) \times 8) + 9) &= ((9 + ((8!/7!)^6)) - 5!) + (((4!/3)!/2) - 1) \\
 282193 &:= ((1 + (2 + 3!)!) - (4! + 5!)) + (6 \times (7 + 8! + 9)) &= (((9 + 8!) \times 7) - 6!/5) + (4! + (3^2 + 1)) \\
 282194 &:= (1 + (2^{3!} + 4!)) - (5! + (6 - (7 \times 8! - 9))) &= ((9 + ((8!/7!)^6)) - 5!) + (((4!/3)!/2) + 1) \\
 282195 &:= (1 + ((2 \times 3! - 4)!) + 5) - ((6 \times (7 - 8!)) + 9) &= (((9 + 8!) \times 7) + (6 - (5! + 4))) + 3^2 + 1 \\
 282196 &:= (1 + ((2 + 3!)! + 4)) - (((5 - 6 \times 7!) \times 8) + 9) &= (((9 + 8!) \times 7) + (6 - (5! + 4))) + ((3! \times 2) - 1) \\
 282197 &:= (1 \times 2 + (3 \times 4!)) - (5! + (6 - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6!) + ((5^4) - ((3! \times 2) - 1)) \\
 282198 &:= (1 - (2 \times (3 + 4!))) + (5!/6 + 7 \times 8! - 9) &= 9 + 8! + (((((7! \times 6 - 5) \times 4) - 3!) \times 2) + 1) \\
 282199 &:= (1 + ((2 + 3!)! + (4! - 5!))) + (6 \times (7! \times 8 + 9)) &= 9 + 8! - 7 - ((6 \times (5 - ((4!/3)! - 2))) + 1) \\
 282200 &:= (1 + 2^{3!}) - ((4! \times 5) - (6 + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - (6 - 5!)) - ((4! \times (3^2)) + 1) \\
 282201 &:= 1 \times 2 + 3! + (4 - (5! - (6 + (7 \times 8! + 9)))) &= 9 + 8! - 7 - ((6 \times (5 - ((4!/3)! - 2))) - 1) \\
 282202 &:= (1 - 2^{3!}) - (4 - (5!/6 + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - (6 - 5!)) - ((4! \times (3^2)) - 1) \\
 282203 &:= ((1 + (2 + 3!)!) - (4! + 5)) + ((6 \times 7! \times 8) - 9) &= (((9 + 8!) \times 7) + (6 - (5! - 4))) + 3^2 + 1 \\
 282204 &:= (1 - 2 \times 3!) + (4 - (5!/6 - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - ((6!/5) + 4)) - (3!^2 - 1)
 \end{aligned}$$

$$\begin{aligned}
 282205 &:= (1 + (2 + 3!)) + (4 \times ((5!/6 \times 7!) - 8! - 9)) &= ((9 + 8! \times 7) - ((6 \times 5) + 4)) - (3^2 + 1) \\
 282206 &:= ((1 + (2 + 3!)) - 4) - (((5 - 6 \times 7!) \times 8) - 9) &= (((9 + 8!) \times 7!/6!) + 5!) - ((4! \times (3^2)) + 1) \\
 282207 &:= ((1 - 2 \times 3!) \times 4) + (5!/6 + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6!) + 5^4 - (3!! \times 2 + 1) \\
 282208 &:= ((1 \times 2 + 3!)! - 4) + (5 - ((6 \times (7 - 8!)) - 9)) &= (((9 + 8!) \times 7!/6!) + 5!) - ((4! \times (3^2)) - 1) \\
 282209 &:= ((1 + (2 + 3!)) - 4) + (5 - ((6 \times (7 - 8!)) - 9)) &= (((9 + 8!) \times 7) + 6!) + 5^4 - (3!! \times 2 - 1) \\
 282210 &:= (1 - (2 \times (3! + 4!))) + (5!/6 + (7 \times 8! + 9)) &= ((9 + (8! \times 7!/6!)) - 5) - (4! + (3^2 + 1)) \\
 282211 &:= 1 \times 2^{3!} + (4! - (5! + (6 - (7 \times 8! + 9)))) &= ((9 + (8! \times 7!/6!)) - 5) + (4 - (3!^2 + 1)) \\
 282212 &:= (1 + (2^{3!} + 4!)) - (5! + (6 - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6 + 5!) - ((4! \times (3^2)) + 1) \\
 282213 &:= ((1 + (2 + 3!)) - (4! - 5)) + ((6 \times 7! \times 8) - 9) &= (9 + ((8! - 7!/6!) \times 5)) + (((4!/3!)! \times 2) - 1) \\
 282214 &:= (1 + ((2 + 3!)! + 4)) - (((5 - 6 \times 7!) \times 8) - 9) &= (((9 + 8!) \times 7) + 6 + 5!) - ((4! \times (3^2)) - 1) \\
 282215 &:= ((1 \times 2 + 3!)! + 4!) - (((5 - 6 \times 7!) \times 8) + 9) &= (9 + ((8! - 7!/6!) \times 5)) + (((4!/3!)! \times 2) + 1) \\
 282216 &:= (1 + ((2 + 3!)! + 4!)) - (((5 - 6 \times 7!) \times 8) + 9) &= (9 \times (8! - 7!) - (6 \times 5!)) - (4! \times (3!! \times 2 + 1)) \\
 282217 &:= (1 + ((2 + 3!)! + 4)) + (5 - ((6 \times (7 - 8!)) - 9)) &= 9 + 8! - 7 - (((6!/5!) \times (4 - (3! + 2)!)) + 1) \\
 282218 &:= (1 + (2 \times (3! + 4!))) - (5!/6 - (7 \times (8! - 9))) &= (9 + ((8 \times 7! - 6) \times 5)) + (((4!/3!)! \times 2) - 1) \\
 282219 &:= (1 + (2^{3!} + 4!)) \times ((5 \times (6 + 7!/8)) - 9) &= (((9 + 8!) \times 7) - 6!) + (5^4) + ((3! \times 2) - 1) \\
 282220 &:= ((1 + (2 + 3!)) - 4) - (5 - (6 \times (7 + 8! - 9))) &= (9 + ((8! \times 7!/6!) + 5)) - (4! + (3^2 + 1)) \\
 282221 &:= ((1 + (2 + 3!)) - (4! + 5)) + ((6 \times 7! \times 8) + 9) &= (9 + ((8! \times 7!/6!) + 5)) + (4 - (3!^2 + 1)) \\
 282222 &:= (1 + 2^{3!}) - (((4! \times 5)/6) - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6 - 5!)) - (4 - (3!^2 + 1)) \\
 282223 &:= ((1 + (2 + 3!)) - 4) - (5 - ((6 \times 7! \times 8) - 9)) &= (((9 + 8!) \times 7) + (6 - 5!)) + (4! + (3^2 + 1)) \\
 282224 &:= (1 + (2^{3!} + 4!)) - (5! - (6 + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! + 5!))) - ((4! \times (3^2)) + 1) \\
 282225 &:= ((1 - 2 \times 3!) \times 4) + (5!/6 + (7 \times 8! + 9)) &= 9 + 8! - 7 - ((6 \times (5 - ((4!/3!) + 2))) - 1) \\
 282226 &:= (1 + 2^{3!}) + (4 - (5!/6 - (7 \times (8! - 9)))) &= (9 + (8! \times 7 + 6!)) + 5! - ((4! \times (3!^2)) - 1) \\
 282227 &:= (1 + (2 \times 3! - 4!)) - (5 - ((6 \times 7! \times 8) - 9)) &= 9 + 8! - ((7 \times ((6 - ((5! - 4!) \times 3!)))/2)) + 1) \\
 282228 &:= 1 + 2 \times 3! + (4 - (5!/6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + (6 - (5! - 4))) + (3!^2 - 1) \\
 282229 &:= (1 \times 2 + 3!!) - ((4 + (5! \times 6)) - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - ((6!/5!) + 4)) - (3^2 + 1) \\
 282230 &:= ((1 + (2 + 3!)) - 4) + (5 + (6 \times (7 + 8! - 9))) &= (((9 + 8!) \times 7) + (6!/5)) - ((4! \times (3^2)) + 1) \\
 282231 &:= (1 + ((2 + 3!)! + 4)) - (5 - ((6 \times 7! \times 8) - 9)) &= 9 + 8! - 7 + (((6!/5!) \times ((4!/3!) - 2)) + 1) \\
 282232 &:= (1 - (2 \times (3! + 4!))) + (5! - (6 - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + (6!/5)) - ((4! \times (3^2)) - 1) \\
 282233 &:= ((1 + (2 + 3!)) - 4) + ((5 + (6 \times 7! \times 8)) - 9) &= (9 \times (8!/7)) - (6 - (((5! \times (4!/3!))^2) - 1)) \\
 282234 &:= (1 + ((2 + 3!)! + 4!)) - (((5 - 6 \times 7!) \times 8) - 9) &= (9 \times (8! - 7!) - (6! + 5)) - ((4! \times 3!! \times 2) + 1) \\
 282235 &:= ((1 - 2 \times 3!) \times 4) + (5 \times 6 + (7 \times 8! + 9)) &= (9 \times (8!/7)) - (6 - (((5! \times (4!/3!))^2) + 1)) \\
 282236 &:= (1 - ((2 \times 3!! \times 4!) + (5 + 6!))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - (6! + 5)) - ((4! \times 3!! \times 2) - 1) \\
 282237 &:= (1 + ((2 \times 3! - 4!) + 5)) + ((6 \times 7! \times 8) - 9) &= ((9 + 8! \times 7) - ((6!/5!) - 4)) - (3^2 + 1) \\
 282238 &:= (1 - (2 \times (3 + 4!))) + (5! - (6 - (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - 6!) + ((5 \times ((4! \times 3!) - 2)) - 1) \\
 282239 &:= ((1 - 2 \times 3!) \times 4) - (5!/6 - (7 \times (8! + 9))) &= (9 + (8! + 7)) - ((6 \times (5 - ((4!/3!) + 2))) - 1) \\
 282240 &:= ((1 + ((2 - 3!) \times (4! - 5!))) \times 6!) + ((7! + 8!)/9) &= ((9 + 8! \times 7) - 6!) + ((5 \times ((4! \times 3!) - 2)) + 1) \\
 282241 &:= (1 + ((2 + 3!)! + 4)) + ((5 + (6 \times 7! \times 8)) - 9) &= ((9 + (8! + (7! \times (6!/5!)))) \times 4) - (3!^2 - 1) \\
 282242 &:= (1 \times 2 - (3!! \times 4)) - ((5 \times 6! + 7! - 8!) \times 9) &= (((9 + 8!) \times 7) + (6 - 5!)) + ((4! + 3) \times 2 - 1) \\
 282243 &:= ((1 \times 2 + 3!)! - 4) - (5 + (6 \times (7 - 8! - 9))) &= (9 + (8! + 7)) + (((6!/5!) \times ((4!/3!) - 2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 282244 &:= ((1 + (2 + 3!)!) \times 4) + ((5!/6 + 7) \times (8!/9)) &= (((9 + 8!) \times 7) + (6! + 5!)) - (((4! + 3!)^2) - 1) \\
 282245 &:= ((1 + (2 + 3!)!) - (4! + 5)) + ((6 \times (7 + 8!)) - 9) &= (9 \times (8! - 7!) - 6!) - (5 \times (((4!)^3)/2) - 1) \\
 282246 &:= (1 - (2 \times 3!! \times 4! - (5 - 6!))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - 6! + 5) - ((4! \times 3!! \times 2) - 1) \\
 282247 &:= ((1 - 2 \times 3!) \times 4) + (5! - (6 - (7 \times (8! - 9)))) &= (9 \times (8!/7)) + (6 + (((5! \times (4!/3!))^2) + 1)) \\
 282248 &:= ((1 + (2 + 3!)!) - 4!) + (((5 + 6 \times 7!) \times 8) - 9) &= (9 + (8! + 7!)) + ((6! \times (5 + ((4! - 3!)^2))) - 1) \\
 282249 &:= (1 + ((2 + 3!)! + 4)) - (5 - ((6 \times 7! \times 8) + 9)) &= ((9 + 8! \times 7) - ((6!/5!) + 4)) + 3^2 + 1 \\
 282250 &:= (1 + (2 \times (3! + 4!))) - (5! - (6 + (7 \times (8! + 9)))) &= (9 + (8! + 7!)) + ((6! \times (5 + ((4! - 3!)^2))) + 1) \\
 282251 &:= (1 + ((2 + 3!)! + 4)) - (5 - ((6 \times 7! \times 8) - 9)) &= ((9 + 8! - 7!/6!) \times 5) + (((4!/3!) \times 2) + 1) \\
 282252 &:= (1 + (2 \times (3 + 4!))) + (5!/6 + (7 \times (8! - 9))) &= (9 + ((8!/7!)^6)) - (((5! - (4!/3!))/2) + 1) \\
 282253 &:= (1 \times 2 - 3 \times 4!) + (5!/6 + (7 \times (8! + 9))) &= (9 + (8! \times 7 + (6!/5))) - (4 \times (3!^2 - 1)) \\
 282254 &:= (1 - (2 \times (3 - 4!))) - (5!/6 - (7 \times 8! - 9)) &= (9 + ((8!/7!)^6)) - (((5! - (4!/3!))/2) - 1) \\
 282255 &:= (1 + ((2 \times 3! - 4!) + 5)) + ((6 \times 7! \times 8) + 9) &= 9 + 8! - 7 + (((6!/5!) \times ((4!/3!) + 2)) + 1) \\
 282256 &:= (1 + 2 \times 3!) \times ((4! \times (5 + 6! - 7)) + 8!/9) &= (((9 + 8 \times 7!) - 6) \times 5) + (((4!/3!) \times 2) + 1) \\
 282257 &:= (1 \times 2 + 3!!) + (((4 - 5!) \times 6) + 7 \times 8! - 9) &= ((9 + 8! \times 7) - ((6!/5!) - 4)) + 3^2 + 1 \\
 282258 &:= (1 - (2^{3!} + 4!)) + (5! - (6 - (7 \times 8! - 9))) &= (9 + (8! \times 7 + 6!)) - ((5 \times ((4! \times 3!) - 2)) + 1) \\
 282259 &:= (1 + ((2 + 3!)! + 4)) + (5 + ((6 \times 7! \times 8) + 9)) &= 9 + 8! - 7 + ((6 \times ((5 + (4!/3!)) - 2)) - 1) \\
 282260 &:= (1 + 2 \times 3! \times 4) - (5!/6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + 6!)) - ((5 \times ((4! \times 3!) - 2)) - 1) \\
 282261 &:= (1 + ((2 + 3!)! + 4! + 5)) + ((6 \times 7! \times 8) - 9) &= 9 + 8! - 7 + ((6 \times ((5 + (4!/3!)) - 2)) + 1) \\
 282262 &:= (1 + ((2 + 3!)! + 4)) + (5 - (6 \times (7 - 8! - 9))) &= (((9 + 8!) \times 7) + 6) + (5 - (4 \times (3! \times 2 + 1))) \\
 282263 &:= ((1 + 2 \times 3!) \times 4) - (5!/6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6 + 5!)) + (4 \times (3!^2 - 1)) \\
 282264 &:= (((1 - 2 \times 3!!) \times 4!) - 5! \times 6) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7!/6!) - 5) - (4! + (3^2 + 1)) \\
 282265 &:= (1 + ((2 \times 3! - 4!) + 5!)) - (6 \times (7 - 8! + 9)) &= (((9 + 8!) \times 7!/6!) - 5) + (4 - (3!^2 + 1)) \\
 282266 &:= ((1 + (2 + 3!)!) - 4!) + (((5 + 6 \times 7!) \times 8) + 9) &= ((9 + (8! + (7! \times (6!/5!)))) \times 4) - (3^2 + 1) \\
 282267 &:= ((1 \times 2 + 3!)! - 4) + (((5 + 6 \times 7!) \times 8) - 9) &= (((9 + 8!) \times 7!/6!) - 5) + (4 - (3!^2 - 1)) \\
 282268 &:= ((1 + (2 + 3!)!) - 4) + (((5 + 6 \times 7!) \times 8) - 9) &= (((9 + 8!) \times 7) + ((6!/5!) - 4)) - (3!^2 + 1) \\
 282269 &:= (1 + ((2 + 3!)! + 4)) - (5 - ((6 \times 7! \times 8) + 9)) &= (9 + (8! + 7)) + (((6!/5!) \times ((4!/3!) + 2)) + 1) \\
 282270 &:= (1 - (2^{3!} + 4!)) + (5! + ((6 + 7 \times 8!) - 9)) &= (((9 + 8!) \times 7) + ((6!/5!) - 4)) - (3!^2 - 1) \\
 282271 &:= (1 \times 2 + (3 \times 4!)) + (5!/6 + (7 \times (8! - 9))) &= ((9 + 8! \times 7) - (6 + 5!)) + (4 \times (3!^2 + 1)) \\
 282272 &:= (1 + (2 \times (3! + 4!))) - (5!/6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6!) - (5! - ((4! \times (3!^2)) - 1)) \\
 282273 &:= (1 + ((2 + 3!)! + 4)) - (5 - ((6 \times (7 + 8!)) - 9)) &= (9 + (8! + 7)) + ((6 \times ((5 + (4!/3!)) - 2)) - 1) \\
 282274 &:= ((1 \times 2 + 3!)! - 4) + ((5 + (6 \times (7 + 8!))) - 9) &= (((9 + 8!) \times 7!/6!) + 5) - (4! + (3^2 + 1)) \\
 282275 &:= ((1 + (2 + 3!)!) - 4) + ((5 + (6 \times (7 + 8!))) - 9) &= (9 + (8! + 7)) + ((6 \times ((5 + (4!/3!)) - 2)) + 1) \\
 282276 &:= (1 + ((2 + 3!)! + 4)) + (((5 + 6 \times 7!) \times 8) - 9) &= ((9 + 8! \times 7) - ((6!/5!) + 4)) + 3!^2 + 1 \\
 282277 &:= 1 \times 2^{3!} + (4! - (5! - (6 + (7 \times (8! + 9)))) &= ((9 + (8! \times 7!/6!)) - 5) - (4 - (3!^2 + 1)) \\
 282278 &:= (1 - 2^{3!}) - (4 - (5! - (6 - (7 \times 8! - 9)))) &= ((9 + (8! \times 7!/6!)) - 5) + (4! + (3^2 + 1)) \\
 282279 &:= (1 + ((2 + 3!)! + 4! + 5)) + ((6 \times 7! \times 8) + 9) &= (((9 + 8!) \times 7!/6!) - 5) + (4 - ((3! - 2)! - 1)) \\
 282280 &:= (1 + 2^{3!}) + (4 - (5!/6 - (7 \times 8! - 9))) &= (9 + ((8 \times 7! + 6) \times 5)) + (((4!/3!) \times 2) + 1) \\
 282281 &:= ((1 + 2 \times 3!) \times 4) - (5!/6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6 + 5!) - (4 \times (3!^2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 282282 &:= (1 + ((2 + 3!)! + 4! + 5)) - (6 \times (7 - 8! - 9)) &= ((9 + 8! \times 7) - ((6!/5!) - 4)) + (3!^2 - 1) \\
 282283 &:= ((1 + (2 + 3!)!) - (4! - 5!)) + (6 \times (7! \times 8 - 9)) &= (9 + ((8! + 7!/6!) \times 5)) + (((4!/3!) \times 2) - 1) \\
 282284 &:= (1 + (2 \times (3 + 4!))) - (5!/6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - ((6!/5!) - 4)) + 3!^2 + 1 \\
 282285 &:= ((1 \times 2 + 3!)! - 4) + (((5 + 6 \times 7!) \times 8) + 9) &= (9 + ((8! + 7!/6!) \times 5)) + (((4!/3!) \times 2) + 1) \\
 282286 &:= ((1 + (2 + 3!)!) - 4) + (((5 + 6 \times 7!) \times 8) + 9) &= ((9 + (8! + (7! \times (6!/5!)))) \times 4) + 3^2 + 1 \\
 282287 &:= ((1 + (2 \times 3! - 4)!) - 5) + (6 \times (7 + 8!) + 9) &= (9 + ((8! \times 7!/6!) + 5)) - (4 - (3!^2 + 1)) \\
 282288 &:= (1 - (2^{3!} + 4!)) + (5! + (6 + (7 \times 8! + 9))) &= (9 + ((8! \times 7!/6!) + 5)) + (4! + (3^2 + 1)) \\
 282289 &:= (1 + ((2^{3!} + 4!) \times 5!)) + (6 \times ((7! - 8) \times 9)) &= (((9 + 8!) \times 7) + 6 + 5!) - (4 \times (3!^2 - 1)) \\
 282290 &:= (1 + (2 \times 3! - 4)!) + (((5 + 6 \times 7!) \times 8) + 9) &= ((9 + 8! \times 7) - 6) - (5 - (4 \times (3! \times 2 + 1))) \\
 282291 &:= (1 + ((2 + 3!)! + 4)) - (5 - (6 \times (7 + 8!) + 9)) &= ((9 + (8! \times 7!/6!)) - 5) + (4! + ((3! - 2)! - 1)) \\
 282292 &:= (1 - (2 \times (3 + 4!))) + (5! - (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - 6!) + ((5 \times ((4! \times 3!) - 2)) - 1) \\
 282293 &:= (1 + ((2 + 3!)! + 4!)) - (5 - ((6 \times (7 + 8!)) - 9)) &= (9 \times (8!/7 + 6)) + (((5! \times (4!/3!))^2) - 1) \\
 282294 &:= (1 + ((2 + 3!)! + 4)) + (((5 + 6 \times 7!) \times 8) + 9) &= (((9 + 8!) \times 7) - 6!) + ((5 \times ((4! \times 3!) - 2)) + 1) \\
 282295 &:= ((1 \times 2 + 3!)! + 4!) + (((5 + 6 \times 7!) \times 8) - 9) &= (((9 + 8!) \times 7) + ((6!/5!) - 4)) - (3^2 + 1) \\
 282296 &:= (1 + ((2 + 3!)! + 4!)) + (((5 + 6 \times 7!) \times 8) - 9) &= ((9 + (8! \times 7!/6!)) - 5) + (4 \times (3! \times 2 + 1)) \\
 282297 &:= (1 + ((2 \times 3! - 4)!) + 5) + (6 \times (7 + 8!) + 9) &= (9 + (8! + 7)) + ((6 \times (5 + ((4!/3!) + 2))) - 1) \\
 282298 &:= (1 + ((2 + 3!) \times 4!)) - (5! + (6 - (7 \times 8! - 9))) &= (9 + (8! \times 7 + (6!/5))) - ((4 \times (3! - 2)! - 1) \\
 282299 &:= (1 \times 2 + (3!/4)) - (5! - ((6 + 7 \times 8!) - 9)) &= (9 + (8! + 7)) + ((6 \times (5 + ((4!/3!) + 2))) + 1) \\
 282300 &:= (1 + ((2 \times 3! - 4)!) + 5) + (6 \times (7! \times 8 + 9)) &= (((9 + 8!) \times 7) + ((6!/5!) + 4)) - (3! \times 2 + 1) \\
 282301 &:= ((1 - 2 \times 3!) \times 4) + (5! - (6 - (7 \times 8! - 9))) &= (9 + ((8! \times 7!/6!) + 5)) + (4! + ((3! - 2)! - 1)) \\
 282302 &:= ((1 \times 2 + 3!)! - (4 - 5!)) + (6 \times (7! \times 8 - 9)) &= (((9 + 8!) \times 7) + ((6!/5!) + 4)) - ((3! \times 2) - 1) \\
 282303 &:= ((1 + (2 + 3!)!) - (4 - 5!)) + (6 \times (7! \times 8 - 9)) &= (((9 + 8!) \times 7) + ((6!/5!) + 4)) - (3^2 + 1) \\
 282304 &:= (1 + ((2 + 3!)! + 4)) + (5 + (6 \times (7! \times 8 + 9))) &= ((9 + 8! \times 7) - (6 - 5!)) - (((4! + 3!) \times 2) - 1) \\
 282305 &:= (1 + 2^{3!}) + (4 \times ((5! + 6) \times (7! - 8!/9))) &= ((9 + (8! + 7)) \times 6) - ((5!/4) - ((3! + 2)! - 1)) \\
 282306 &:= (1 + (2 \times (3 + 4!))) + (5!/6 + 7 \times 8! - 9) &= (9 + ((8! \times 7!/6!) + 5)) + (4 \times (3! \times 2 + 1)) \\
 282307 &:= (1 + ((2 \times 3! - 4)!) + 5!) + (6 \times (7! \times 8 - 9)) &= ((9 + ((8!/7!)^6)) - 5) + (((4!/3)!/2) - 1) \\
 282308 &:= (1 - 2^{3!}) - (4 - (5! + (6 + (7 \times 8! + 9)))) &= 9 - (((8! - (((7! \times 6) + (5!/4!)) \times 3!)) \times 2) + 1) \\
 282309 &:= (1 \times 2 + 3!!) + (4 - ((5! \times 6) - (7 \times (8! + 9)))) &= ((9 + ((8!/7!)^6)) - 5) + (((4!/3)!/2) + 1) \\
 282310 &:= 1 - 2 \times 3! - (4! - (5! - (6 - (7 \times 8! - 9)))) &= ((9 + 8! \times 7) - (6 - 5!)) - ((4! + 3) \times 2 - 1) \\
 282311 &:= (1 + ((2 + 3!)! + 4 + 5!)) + (6 \times (7! \times 8 - 9)) &= (9 \times (8! - (7 \times (6! + 5!)))) - (4!^3 \times 2 + 1) \\
 282312 &:= (1 + (2 \times (3! + 4!))) + (5!/6 + 7 \times 8! - 9) &= (9 + (8!/(7!/6! - 5))) + ((4^{3^2}) - 1) \\
 282313 &:= ((1 - 2 \times 3!) \times 4) + (5! + ((6 + 7 \times 8!) - 9)) &= (9 \times (8! - (7 \times (6! + 5!)))) - (4!^3 \times 2 - 1) \\
 282314 &:= (1 + ((2 + 3!)! + 4!)) + (((5 + 6 \times 7!) \times 8) + 9) &= (9 + (8!/(7!/6! - 5))) + ((4^{3^2}) + 1) \\
 282315 &:= (1 + ((2 + 3!)! + 4 \times 5)) + (6 \times (7! \times 8 + 9)) &= (((9 + 8!) \times 7) + ((6!/5!) - 4)) + 3^2 + 1 \\
 282316 &:= (1 + ((2 + 3!) \times 4!)) - (5! + (6 - (7 \times 8! + 9))) &= ((9 + 8 \times 7! + 6) \times 5) + (((4!/3!) \times 2) + 1) \\
 282317 &:= (1 \times 2 + (3!/4)) - (5! - (6 + (7 \times 8! + 9))) &= (9 + (((8!/7!)^6) + 5)) + (((4!/3)!/2) - 1) \\
 282318 &:= (1 - 2^{3!}) + (4! + (5! + ((6 + 7 \times 8!) - 9))) &= 9 + 8! + (((7!/6!) \times ((5 + 4! \times 3!)) \times 2)) - 1) \\
 282319 &:= ((1 - 2 \times 3!) \times 4) + (5! - (6 - (7 \times 8! + 9))) &= (9 + (((8!/7!)^6) + 5)) + (((4!/3)!/2) + 1) \\
 282320 &:= (1 + (2 \times 3^4)) - (5!/6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - (6 - 5!)) - ((4 \times (3! - 2)! + 1)
 \end{aligned}$$

$$\begin{aligned}
 282321 &:= ((1 + 2 \times 3!) \times 4) + (5!/6 + (7 \times 8! + 9)) &= ((9 + (8! + 7!/6!)) \times 5) + (((4!/3!) \times 2) + 1) \\
 282322 &:= (1 + (2 \times (3^4 \times 5))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7!/6!) + 5 + 4!) - (3^2 + 1) \\
 282323 &:= ((1 + 2^{3!}) \times 4) - (5! - (6 + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + ((6!/5!) + 4)) + 3^2 + 1 \\
 282324 &:= (1 + ((2 + 3!)! + 4! + 5)) + (6 \times (7! \times 8 + 9)) &= ((9 + 8! \times 7) - (6 - (5! - 4))) - (3!^2 - 1) \\
 282325 &:= ((1 + (2 + 3!)!) - (4! - 5!)) + (6 \times (7 + 8! - 9)) &= (((9 + 8!) \times 7) - (6 - 5!)) - (4 \times ((3! - 2)! - 1)) \\
 282326 &:= (1 - (2 \times (3 - 4!))) - (5!/6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) - (5! - ((4! \times (3!^2)) - 1)) \\
 282327 &:= ((1 \times 2 + 3!)! - (4! - 5!)) + ((6 \times 7! \times 8) - 9) &= (9 + (8! - 7) \times 6) - (5! \times (4! - (3!!/2 + 1))) \\
 282328 &:= ((1 + (2 + 3!)!) - (4! - 5!)) + ((6 \times 7! \times 8) - 9) &= (9 + ((8! \times 7!/6!) + (5! - 4))) - (3!^2 + 1) \\
 282329 &:= ((1 \times 2 + 3!!) - (4! - 5!)) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6 - 5!)) - (4! + (3^2 + 1)) \\
 282330 &:= 1 - 2 \times 3! - (4 - (5! - (6 - (7 \times 8! - 9)))) &= ((9 + 8! \times 7) - (6 - 5!)) + (4 - (3!^2 + 1)) \\
 282331 &:= (1 + ((2 + 3!)! + 4! + 5!)) + (6 \times (7! \times 8 - 9)) &= (((9 + 8!) \times 7!/6!) - 5) - (4 - (3!^2 + 1)) \\
 282332 &:= (1 + ((2 + 3!)! + 4)) + (5! - ((6 \times (7 - 8!)) - 9)) &= (((9 + 8!) \times 7!/6!) - 5) + (4! + (3^2 + 1)) \\
 282333 &:= 1 \times 2^{3!} + (((4! \times 5)/6) + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) - ((5^4) + ((3! \times 2) - 1)) \\
 282334 &:= 1 + 2 \times 3! - (4! - (5! - (6 - (7 \times 8! - 9)))) &= (9 + (8! \times 7 + (6!/5!))) - (((4! + 3!) \times 2) - 1) \\
 282335 &:= ((1 + 2 \times 3!) \times 4) - (5!/6 - (7 \times (8! + 9))) &= (9 + ((8! \times 7!/6!) + 5!)) - (4! + (3^2 + 1)) \\
 282336 &:= (1 - 2^{3!}) + (4! + (5! + (6 + (7 \times 8! + 9)))) &= (9 + ((8! \times 7!/6!) + 5!)) + (4 - (3!^2 + 1)) \\
 282337 &:= ((1 \times 2 + 3!)! - 4) + (5 + (6 \times (7 + 8! + 9))) &= (((9 + 8!) \times 7) + (6 - 5!)) + (4 \times (3!^2 + 1)) \\
 282338 &:= (1 - 2 \times 3!) + (4 + 5! - (6 - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - (6 + 5!)) + ((4! \times (3^2)) - 1) \\
 282339 &:= (1 + (((2 + 3!)! + (4! - 5)) \times 6)) - (7 - 8! + 9) &= (((9 + 8!) \times 7!/6!) + 5) - (4 - (3!^2 - 1)) \\
 282340 &:= (1 + (2^{3!} + 4!)) + (5!/6 + 7 \times 8! - 9) &= ((9 + 8! \times 7) - (6 + 5!)) + ((4! \times (3^2)) + 1) \\
 282341 &:= 1 \times 2 + 3! - (4! - (5! + ((6 + 7 \times 8!) - 9))) &= (((9 + 8!) \times 7!/6!) + 5) - (4 - (3!^2 + 1)) \\
 282342 &:= (1 - 2^{3!}) + (((4! + 5) \times 6) + 7 \times 8! - 9) &= (((9 + 8!) \times 7!/6!) + 5) + (4! + (3^2 + 1)) \\
 282343 &:= ((1 + 2 \times 3!) \times 4) + (5! - (6 - (7 \times (8! - 9)))) &= (((9 + 8! \times 7) - 6!) - (5^4)) + 3!! \times 2 - 1 \\
 282344 &:= (1 + (2 \times (3! + 4!))) - (5!/6 - (7 \times (8! + 9))) &= ((9 + (8! \times 7!/6!)) - 5!) + ((4! \times (3^2)) - 1) \\
 282345 &:= ((1 + (2 + 3!)!) - (4 - 5!)) + (6 \times (7 + 8! - 9)) &= (((9 + 8! \times 7) - 6!) - (5^4)) + (3!! \times 2 + 1) \\
 282346 &:= ((1 + (2 + 3!)!) - (4! - 5!)) + ((6 \times 7! \times 8) + 9) &= ((9 + (8! \times 7!/6!)) - 5!) + ((4! \times (3^2)) + 1) \\
 282347 &:= ((1 \times 2 + 3!)! - (4 - 5!)) + ((6 \times 7! \times 8) - 9) &= (9 \times (8 + 7!)) + ((6! + (((5! \times 4) + 3!)^2)) - 1) \\
 282348 &:= ((1 + (2 + 3!)!) - (4 - 5!)) + ((6 \times 7! \times 8) - 9) &= (((9 + 8!) \times 7) + ((6!/5!) + 4)) + (3!^2 - 1) \\
 282349 &:= (1 + ((2 \times 3! - 4)! + 5!)) + (6 \times (7 + 8! - 9)) &= ((9 + 8! \times 7) - (6 - (5! - 4))) - (3^2 + 1) \\
 282350 &:= (1 - 2 \times 3!) + (4 + (5! + ((6 + 7 \times 8!) - 9))) &= (9 + (8! \times 7 + (6 - 5!))) + ((4! \times (3^2)) - 1) \\
 282351 &:= ((1 \times 2 + 3!)! + 4! + 5!) - ((6 \times (7 - 8!)) - 9) &= (((9 + 8!) \times 7!/6!) - 5) + ((4! + 3) \times 2 - 1) \\
 282352 &:= (1 + ((2 \times 3! - 4)! + 5!)) + ((6 \times 7! \times 8) - 9) &= (9 + (8! \times 7 + (6 - 5!))) + ((4! \times (3^2)) + 1) \\
 282353 &:= (1 + (((2 + 3!)! - (4! - (5! - 6!))) \times 7)) + 8!/9 &= (9 + ((8! \times 7!/6!) + 5)) + (((4 + 3!)^2) - 1) \\
 282354 &:= 1 + 2 \times 3! - (4 - (5! - (6 - (7 \times 8! - 9)))) &= (9 + (8! \times 7 + (6!/5 - 4))) - (3!^2 - 1) \\
 282355 &:= ((1 \times 2 + 3!)! + 4 + 5!) + ((6 \times 7! \times 8) - 9) &= (9 + ((8! \times 7!/6!) + (5! - 4))) - (3^2 + 1) \\
 282356 &:= (1 + ((2 + 3!)! + 4 + 5!)) + ((6 \times 7! \times 8) - 9) &= ((9 + 8! \times 7) - (6 - (5! + 4))) - ((3! \times 2) - 1) \\
 282357 &:= (1 - ((2 \times (3! + 4^5)) - 6^7)) + 8!/9 &= ((9 + 8! \times 7) - (6 - (5! + 4))) - (3^2 + 1) \\
 282358 &:= (1 + (2^{3!} + 4!)) + (5!/6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6 - 5!)) - (((4! + 3!) \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 282359 &:= (((1 + (2 + 3!))! - (4! - (5! - 6!))) \times 7) + 8!/9 &= (9 + (8! \times 7 + (6!/5))) - (4! + (3^2 + 1)) \\
 282360 &:= 1 - 2 \times 3! - (4 - (5! + (6 + (7 \times 8! + 9)))) &= (((9 + 8! - (7! - 6!))/5) \times 4) \times (3^2 + 1) \\
 282361 &:= 1 + 2 \times 3!! + (4! \times (5^6 + ((7! - 8!)/9))) &= (((9 + 8!) \times 7!/6!) + 5) + ((4! + 3) \times 2 - 1) \\
 282362 &:= 1 + 2 \times 3! + (4 + 5! - (6 - (7 \times 8! - 9))) &= (9 + (8! \times 7 + (6!/5))) + (4 - (3!^2 - 1)) \\
 282363 &:= (1 - ((2 \times (3 + 4^5)) - 6^7)) + 8!/9 &= (9 + ((8! \times 7!/6!) + (5! + 4))) - (3^2 + 1) \\
 282364 &:= 1 + 2 \times 3! - (4! - (5! + (6 + (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) - (6 - 5!)) - ((4! + 3) \times 2 - 1) \\
 282365 &:= ((1 + 2^{3!}) \times 4) - (5! + (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - (6 - 5!)) - (4 \times (3! \times 2 + 1)) \\
 282366 &:= ((1 + (2 + 3!))! - (4 - 5!)) + ((6 \times 7! \times 8) + 9) &= (9 + (8! \times 7 + (6!/5 - 4))) - ((3! - 2)! - 1) \\
 282367 &:= (1 \times 2 + 3!!) - (4 - (5! - (6! - (7 \times 8! + 9)))) &= (((9 + 8!) \times 7!/6!) + 5 + 4!) + (3!^2 - 1) \\
 282368 &:= (1 - 2 \times 3!) + (4 + (5! + (6 + (7 \times 8! + 9)))) &= (9 + ((8! \times 7!/6!) + (5! \times 4))) - (3!!/2 + 1) \\
 282369 &:= ((1 + ((2 \times 3!! \times 4!)/5)) + 6^7) - 8!/9 &= ((9 + 8! \times 7) - (6 - (5! - 4))) + 3^2 + 1 \\
 282370 &:= (1 + ((2 \times 3! - 4)! + 5!)) + ((6 \times 7! \times 8) + 9) &= (((9 + 8!) \times 7!/6!) + 5!) - ((4! + 3) \times 2 - 1) \\
 282371 &:= (1 + (((2 + 3!))! + (4! - 5)) \times 6) + 7) + (8! + 9) &= (((9 + 8!) \times 7!/6!) + 5!) - (4 \times (3! \times 2 + 1)) \\
 282372 &:= 1 + 2 \times 3! - (4 - (5! - (6 - (7 \times 8! + 9)))) &= (9 + ((8!/7!)^6)) + (((5! + (4!/3!))/2) - 1) \\
 282373 &:= (1 + ((2 + 3!))! + 4! + 5!) + (6 \times (7 + 8! - 9)) &= (((9 + 8!) \times 7) + 6!) - (5^4) - ((3! - 2)! + 1) \\
 282374 &:= (1 + ((2 + 3!))! + 4 + 5!) + ((6 \times 7! \times 8) + 9) &= (((9 + 8!) \times 7) - 6!/5) + ((4! \times (3^2)) - 1) \\
 282375 &:= (1 + ((2 \times (3 - 4^5)) + 6^7)) + 8!/9 &= (9 + ((8! \times 7!/6!) + (5! - 4))) + 3^2 + 1 \\
 282376 &:= (1 + ((2 + 3!))! + 4! + 5!) + ((6 \times 7! \times 8) - 9) &= (((9 + 8!) \times 7) - 6!/5) + ((4! \times (3^2)) + 1) \\
 282377 &:= ((1 + 2^{3!}) \times 4) - (5! - ((6 + 7 \times 8!) - 9)) &= ((9 + 8! \times 7) - (6 - (5! + 4))) + 3^2 + 1 \\
 282378 &:= (1 + (2 \times (3 + 4!))) + (5!/6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - (6 - (5! - 4))) - (3!^2 - 1) \\
 282379 &:= 1 \times 2 + 3! - (4 - (5! + (6 + (7 \times 8! + 9)))) &= (9 + (8! \times 7 + (6!/5 - 4))) - (3^2 + 1) \\
 282380 &:= 1 + 2 \times 3! + (4 + 5! - (6 - (7 \times 8! + 9))) &= ((9 + 8! \times 7) - (6 - (5! + 4))) + (3! \times 2 + 1) \\
 282381 &:= (1 + ((2 \times (3! - 4^5)) + 6^7)) + 8!/9 &= (9 + (8! \times 7 + 6!)) - ((5^4) - (3!^2 + 1)) \\
 282382 &:= 1 - 2 \times 3! - (4! - (5! - (6 - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7!/6!) + (5! - 4)) - (3!^2 + 1) \\
 282383 &:= ((1 + 2^{3!}) \times 4) - (5! + (6 - (7 \times 8! + 9))) &= (9 + ((8! \times 7!/6!) + (5! + 4))) + 3^2 + 1 \\
 282384 &:= (1 + (2 + 3!))! + (((4! - (5 - 6 \times 7!)) \times 8) - 9) &= ((9 + (8! \times 7!/6!)) - 5) + (4 \times (3!^2 - 1)) \\
 282385 &:= 1 + 2 \times 3!! + ((4^5 + (6 \times (7! - 8))) \times 9) &= (((9 + 8!) \times 7) + 6!) - ((5^4) + (3! \times 2 + 1)) \\
 282386 &:= (1 + 2^{3!}) - (4! - (5! - (6 - (7 \times 8! - 9)))) &= ((9 + 8! \times 7) - 6) - (5 - (4 \times (3!^2 + 1))) \\
 282387 &:= 1 \times 2 + 3! + (4 + (5! + (6 + (7 \times 8! + 9)))) &= (9 + (8! \times 7 + (6!/5 + 4))) - (3^2 + 1) \\
 282388 &:= (1 - (2 \times (3 - 4!))) + (5! - (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + 6!) - (5^4) - (3^2 + 1) \\
 282389 &:= 1 \times 2 + 3! + (4! + (5! + ((6 + 7 \times 8!) - 9))) &= (((9 + 8!) \times 7!/6!) + 5!) - (4! + (3^2 + 1)) \\
 282390 &:= (1 + ((2 + 3!) \times 4!)) + (5!/6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7!/6!) + 5!) + (4 - (3!^2 + 1)) \\
 282391 &:= ((1 + (2 + 3!))! - (4! - 5!)) + (6 \times (7! \times 8 + 9)) &= (((9 + 8 \times 7!) \times 6) + 5!) - (4! - ((3! + 2)! + 1)) \\
 282392 &:= (1 + (2 \times 3^4)) - (5!/6 - (7 \times 8! + 9)) &= (9 \times ((8 + 7!) \times 6)) + (((5! - (4! - 3!))^2) - 1) \\
 282393 &:= ((1 \times 2 + 3!))! + 4! + 5! + ((6 \times 7! \times 8) + 9) &= (((9 + 8!) \times 7!/6!) - 5) + ((4 \times (3! - 2)! - 1) \\
 282394 &:= (1 + ((2 + 3!))! + 4! + 5!) + ((6 \times 7! \times 8) + 9) &= (9 \times ((8 + 7!) \times 6)) + (((5! - (4! - 3!))^2) + 1) \\
 282395 &:= ((1 + 2^{3!}) \times 4) - (5! - (6 + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6 + 5!) - (4! + (3^2 + 1)) \\
 282396 &:= ((1 \times 2 + 3!))! + 4! + 5! - (6 \times (7 - 8! - 9)) &= ((9 + 8! \times 7) - (6 - 5!)) - (4 - (3!^2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 282397 &:= ((1 + 2 \times 3!) \times 4) + (5! - (6 - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - (6 - 5!)) + (4! + (3^2 + 1)) \\
 282398 &:= (1 + 2^{3!}) - (4! - (5! + ((6 + 7 \times 8!) - 9))) &= ((9 + 8! \times 7) - 6) - (5 \times (4 - (3!^2 - 1))) \\
 282399 &:= (1 + (((2 + 3!)! + 4! + 5) \times 6)) - (7 - 8! + 9) &= (9 + (8! \times 7 + (6!/5 - 4))) + 3^2 + 1 \\
 282400 &:= (1 + (2 \times (3 + 4!))) + (5! - (6 - (7 \times 8! - 9))) &= (9 + ((8! \times 7!/6!) + 5!)) - (4 - (3!^2 - 1)) \\
 282401 &:= (1 \times 2 + 3!)! + (((4! - (5 - 6 \times 7!)) \times 8) + 9) &= (9 + (8! + 7)) + (((6!/5!) \times (4! + (3! + 2)!)) + 1) \\
 282402 &:= (1 + (2 + 3!)!) + (((4! - (5 - 6 \times 7!)) \times 8) + 9) &= ((9 + 8! \times 7) - 6) - ((5 \times (4 - 3!^2)) + 1) \\
 282403 &:= 1 \times 2^{3!} - (4! - (5! - (6 - (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) - (6 - (5! - 4))) - (3^2 + 1) \\
 282404 &:= (1 + ((2 + 3!) \times 4!)) - (5!/6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6 - 5!)) + ((4! \times (3^2)) - 1) \\
 282405 &:= (((1 \times 2 + 3!)! + 4! + 5) \times 6) + (7! \times 8 - 9) &= (((9 + 8!) \times 7!/6!) + 5) + ((4 \times (3! - 2)! + 1) \\
 282406 &:= (1 + (2 \times (3! + 4!))) + (5! - (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + (6 - 5!)) + ((4! \times (3^2)) + 1) \\
 282407 &:= 1 \times 2 + 3! + (4! + (5! + (6 + (7 \times 8! + 9)))) &= (9 + (8! \times 7 + (6!/5 + 4))) + 3^2 + 1 \\
 282408 &:= (1 - (2^{3!} + (4 \times 5!))) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6!) - (5^4) + 3^2 + 1 \\
 282409 &:= ((1 + 2 \times 3!) \times 4) + (5! + ((6 + 7 \times 8!) - 9)) &= (((9 + 8!) \times 7!/6!) + (5! - 4)) - (3^2 + 1) \\
 282410 &:= (1 + 2^{3!}) + ((4! \times 5) - (6 - (7 \times 8! - 9))) &= (9 + 8! \times 7 + 6) - (5 \times (4 - (3!^2 - 1))) \\
 282411 &:= ((1 + (2 + 3!)!) - (4 - 5!)) + (6 \times (7! \times 8 + 9)) &= (((9 + 8!) \times 7) - (6 - (5! + 4))) - (3^2 + 1) \\
 282412 &:= (1 + (2 \times (3 + 4!))) + (5! + ((6 + 7 \times 8!) - 9)) &= ((9 + 8! \times 7) - 6!) - (5 - (4! \times (3!^2 + 1))) \\
 282413 &:= (1 + (((2 + 3!)! + 4! + 5) \times 6) + 7) + (8! - 9) &= (((9 + 8!) \times 7) + (6!/5)) - (4! + (3^2 + 1)) \\
 282414 &:= (1 + (2 \times 3^4)) + (5!/6 + 7 \times 8! - 9) &= (9 + 8! \times 7 + 6) - ((5 \times (4 - 3!^2)) + 1) \\
 282415 &:= (1 + ((2 \times 3! - 4)! + 5!)) + (6 \times (7! \times 8 + 9)) &= (((9 + 8!) \times 7) + ((6 + 5!) - 4)) - (3^2 + 1) \\
 282416 &:= (1 + (2^{3!+4})) - (5! + (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - (6 - 5!)) + ((4! + 3) \times 2 - 1) \\
 282417 &:= ((1 + (2 \times ((3!! - 4!) \times 5))) + 6^7) - 8!/9 &= (((9 + 8!) \times 7!/6!) + (5! + 4)) - (3^2 + 1) \\
 282418 &:= 1 + 2 \times 3! + (((4! + 5) \times 6) + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6 + (5! + 4))) - (3!^2 - 1) \\
 282419 &:= (1 + ((2 + 3!)! + 4 + 5!)) + (6 \times (7! \times 8 + 9)) &= (9 \times (((8 \times 7!/6) + 5) \times 4)) + ((3! + 2)! - 1) \\
 282420 &:= (1 - ((2 - (3!!/4) \times 5)) - (6! - (7 \times 8! + 9))) &= (9 + 8! \times 7 + 6) - (5 \times (4 - (3!^2 + 1))) \\
 282421 &:= (((1 + (2 \times (3!! - 4!))) \times 5) + 6^7) - 8!/9 &= (9 + ((8! \times 7!/6!) + 5!)) + (4 \times (3! \times 2 + 1)) \\
 282422 &:= ((1 - 2^{3!}) \times (4 \times 5! + (6 - 7!))) - 8!/9 &= (9 + ((8! \times 7!/6!) + 5!)) + ((4! + 3) \times 2 - 1) \\
 282423 &:= (((1 \times 2 + 3!)! + 4! + 5) \times 6) + (7! \times 8 + 9) &= (((9 + 8!) \times 7) - (6 - (5! - 4))) + 3^2 + 1 \\
 282424 &:= (1 - (2 \times (3! \times 4! + 5!))) + (6! + 7 \times 8! - 9) &= (9 + (8! \times 7 + (6!/5))) - (4 - (3!^2 - 1)) \\
 282425 &:= 1 \times 2^{3!} + (4 + (5! + ((6 + 7 \times 8!) - 9))) &= (9 + 8! \times 7 + 6) - (((5 - 4!) \times (3^2)) + 1) \\
 282426 &:= (1 + 2^{3!}) + (4 + (5! + ((6 + 7 \times 8!) - 9))) &= (9 + (8! \times 7 + (6!/5))) - (4 - (3!^2 + 1)) \\
 282427 &:= ((1 + 2 \times 3!) \times 4) + (5! + (6 + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6!/5))) + (4! + (3^2 + 1)) \\
 282428 &:= (1 \times 2 + 3^4) + (5! - (6 - (7 \times 8! - 9))) &= (9 + ((8! \times 7!/6!) + 5!)) + (((4! + 3!) \times 2) - 1) \\
 282429 &:= ((1 + 2 \times 3!) \times 4!) - (5! - ((6 + 7 \times 8!) - 9)) &= (((9 + 8!) \times 7!/6!) + (5! - 4)) + 3^2 + 1 \\
 282430 &:= (1 + (2 \times (3 + 4!))) + (5! + (6 + (7 \times 8! + 9))) &= ((9 + 8! \times 7) - (6 \times 5!)) + (((4! + 3!)^2) + 1) \\
 282431 &:= (1 + (((2 + 3!)! + 4! + 5) \times 6) + 7) + (8! + 9) &= (((9 + 8!) \times 7) - (6 - (5! + 4))) + 3^2 + 1 \\
 282432 &:= (1 + (2 \times 3^4)) + (5!/6 + (7 \times 8! + 9)) &= (9 + (((8!/7!)^6) + 5!)) + (((4!/3)!/2) - 1) \\
 282433 &:= ((1 + (2 + 3!)!) - (4! - 5!)) + (6 \times (7 + 8! + 9)) &= (((9 + 8!) \times 7) + (6!/5 - 4)) - (3^2 + 1) \\
 282434 &:= (1 + (2^{3!} + 4!)) + (5! - (6 - (7 \times 8! - 9))) &= (9 + (((8!/7!)^6) + 5!)) + (((4!/3)!/2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 282435 &:= ((1 + 2 \times 3!) \times 4!) - (5! + (6 - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + ((6 + 5!) - 4)) + 3^2 + 1 \\
 282436 &:= (1 + (2 \times (3! + 4!))) + (5! + (6 + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + ((6 + 5!) - 4)) + ((3! \times 2) - 1) \\
 282437 &:= (1 \times 2 + ((3 \times 4!) + 5!)) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7!/6!) + (5! + 4)) + 3^2 + 1 \\
 282438 &:= 1 + 2 \times 3! - (4 - (5! + (6 + (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7!/6!) - 5) + (4 \times (3!^2 - 1)) \\
 282439 &:= (1 + ((2 + 3!)! + 4! + 5!)) + (6 \times (7! \times 8 + 9)) &= (((9 + 8 \times 7!) \times 6) + (5! + 4!)) + ((3! + 2)! + 1) \\
 282440 &:= (1 - ((2 + 3!) \times (4 - 5!))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6) - (5 - (4 \times (3!^2 + 1))) \\
 282441 &:= 1 \times 2 + 3! + (4 + (5! + (6 + (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7) + (6!/5 + 4)) - (3^2 + 1) \\
 282442 &:= (1 - (2 \times (3! \times 4! + 5!))) + (6! + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) + ((5 \times (4 + 3!^2)) - 1) \\
 282443 &:= 1 \times 2^{3!} + (4 + (5! + (6 + (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) + (6 + (5! + 4))) + 3^2 + 1 \\
 282444 &:= (1 + ((2 + 3!) \times 4!)) + (5!/6 + 7 \times 8! - 9) &= (9 + 8! \times 7 + 6) - (((5^4) - 3!) \times 2) + 1 \\
 282445 &:= 1 \times 2^{3!} + (4! + (5! + ((6 + 7 \times 8!) - 9))) &= (9 + (8! \times 7 + (6!/5))) + (4 \times (3! \times 2 + 1)) \\
 282446 &:= (1 + (2^{3!} + 4!)) + (5! + ((6 + 7 \times 8!) - 9)) &= (9 + (8! \times 7 + (6!/5))) + ((4! + 3) \times 2 - 1) \\
 282447 &:= ((1 + 2 \times 3!) \times 4!) - (5! - (6 + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6 - 5!))) + (4! \times (3! \times 2 + 1)) \\
 282448 &:= (1 \times 2 + 3! \times 4!) + ((5 - 6) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7!/6!) + 5) + (4 \times (3!^2 - 1)) \\
 282449 &:= ((1 + 2^{3!}) \times 4) - (5! - (6 + (7 \times (8! + 9)))) &= (9 + (8! \times 7 + ((6! + 5!)/4))) - (3^2 + 1) \\
 282450 &:= (1 + ((2 + 3!) \times (4 + 5!))) - (6! - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - (6 - 5!)) - (4 - (3!^2 + 1)) \\
 282451 &:= (1 \times 2 + (3!/4)) + (5!/6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6 - 5!)) + (4! + (3^2 + 1)) \\
 282452 &:= (1 + (2^{3!} + 4!)) + (5! - (6 - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6) - (5 \times (4 - (3!^2 - 1))) \\
 282453 &:= ((1 + (2 + 3!)!) - (4 - 5!)) + (6 \times (7 + 8! + 9)) &= (((9 + 8!) \times 7) + (6!/5 - 4)) + 3^2 + 1 \\
 282454 &:= (1 + (2^{3!} \times 4)) + (5!/6 + (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6) + ((5 \times ((4! - 3) \times 2)) + 1) \\
 282455 &:= ((1 + 2 \times 3! \times 4!) - 5) - (6 - (7 \times (8! - 9))) &= ((9 + (8! + 7!)) \times 6) + (((5 \times 4^{3!})/2) + 1) \\
 282456 &:= ((1 - 2 - ((3 - 4!) \times 5!)) + 6^7) - (8 - 9) &= (((9 + 8!) \times 7) - 6) - ((5 \times (4 - 3!^2)) + 1) \\
 282457 &:= ((1 + 2^{3!}) \times 4) + (5!/6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7!/6!) + 5!) + (4! + (3^2 + 1)) \\
 282458 &:= (1 - ((2 + 3!) \times (4 - 5!))) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6) - ((5 \times (4 - 3!^2)) - 1) \\
 282459 &:= ((1 + 2 \times 3!) \times 4!) - (5 \times 6 - (7 \times (8! - 9))) &= ((9 + (8! \times 7!/6!)) - 5) + ((4! \times (3^2)) - 1) \\
 282460 &:= (1 - (2 \times (3! - (4 \times 5!)))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6 + 5!) - (4 - (3!^2 - 1)) \\
 282461 &:= (1 + ((2 + 3!)! + 4 + 5!)) + (6 \times (7 + 8! + 9)) &= (((9 + 8!) \times 7) + (6!/5 + 4)) + 3^2 + 1 \\
 282462 &:= (1 + ((2 + 3!) \times 4!)) + (5!/6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6) - (5 \times (4 - (3!^2 + 1))) \\
 282463 &:= (1 \times 2 + 3!)! + (((4! + (5 + 6 \times 7!)) \times 8) - 9) &= (((9 + 8!) \times 7) + 6 + 5!) + (4! + (3^2 + 1)) \\
 282464 &:= (1 + (2 + 3!)! + (((4! + (5 + 6 \times 7!)) \times 8) - 9)) &= (((9 + 8!) \times 7) + 6) - (5 \times (4 - (3!^2 - 1))) \\
 282465 &:= (1 \times 2 + (3!/4)) - (5!/6 - (7 \times (8! + 9))) &= (9 + (8! \times 7 + (6! - (5! + 4!)))) - (3!/2 \times 1) \\
 282466 &:= (1 + ((2 \times 3!)/4)) - (5! + (6 - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6) + (((5! - 4!)/3) \times 2) - 1) \\
 282467 &:= ((1 + 2 \times 3! \times 4!) - 5) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6) - (((5 - 4!) \times (3^2)) + 1) \\
 282468 &:= (1 + (2^{3!} \times 4)) - (5!/6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) - ((5 \times (4 - 3!^2)) + 1) \\
 282469 &:= ((1 + 2 \times 3!) \times 4!) - (5!/6 - (7 \times (8! - 9))) &= (9 + (8! \times 7 + ((6! + 5!)/4))) + 3^2 + 1 \\
 282470 &:= (1 + 2^{3!}) + (((4! + 5) \times 6) + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - (6 - 5!)) + ((4! + 3) \times 2 - 1) \\
 282471 &:= ((1 + 2^{3!}) \times 4) - (5!/6 - (7 \times 8! - 9)) &= (9 + ((8! \times 7!/6!) + 5)) + ((4! \times (3^2)) + 1) \\
 282472 &:= (1 - 2^{3!}) + (4^5 - (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6) + (((5 \times 4!) - 3!) \times 2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 282473 &:= (1 \times 2 + 3!) - ((4! \times (5!/6)) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + ((6 \times 5!)/4)) - (3^2 + 1) \\
 282474 &:= (1 - ((2 - (3!/4) \times 5)) - (6! - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + 6) - (5 \times (4 - (3!^2 + 1))) \\
 282475 &:= ((1 + 2) \times 3^4) - ((5 - 6) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7!/6!) + 5!) + (4 \times (3! \times 2 + 1)) \\
 282476 &:= (1 + ((2 + 3!) \times 4!)) - (5!/6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7!/6!) + 5!) + ((4! + 3) \times 2 - 1) \\
 282477 &:= (1 + (2^{3!+4})) - (5 + 6! - (7 \times (8! - 9))) &= (9 \times (8 + (7! \times 6))) + (5 \times (4^{3!}/2 + 1)) \\
 282478 &:= (1 + ((2 \times 3!)/4)) - (5! - ((6 + 7 \times 8!) - 9)) &= (9 + 8! \times 7 + 6) + (((5! - 4!/3) \times 2) - 1) \\
 282479 &:= ((1 \times 2 + 3!) - (4 \times 5!)) + (6! + 7 \times 8! - 9) &= (9 + (8! \times 7 + 6!)) - ((5! \times 4) + (3^2 + 1)) \\
 282480 &:= (1 - (2^{3!} + (4 \times 5!))) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6!/5)) - (4 - (3!^2 + 1)) \\
 282481 &:= (1 - ((2 \times (3! \times 4! - 5!)) + 6!)) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7) + (6!/5)) + (4! + (3^2 + 1)) \\
 282482 &:= (1 + (2 + 3!)) + (((4! + (5 + 6 \times 7!)) \times 8) + 9) &= ((9 + 8! \times 7) - 6!) + (((5! \times 4) - 3) \times 2) - 1) \\
 282483 &:= 1 - (2 - ((3!/4) - ((5 - 6) - (7 \times (8! + 9)))))) &= 9 + 8! + (((((7 \times 6!) + 5) \times 4!) - 3) \times 2 \times 1) \\
 282484 &:= (1 + (2 \times (3! + (4 \times 5!)))) - (6! - (7 \times 8! - 9)) &= 9 + 8! + ((((((7 \times 6!) + 5) \times 4!) - 3) \times 2) + 1) \\
 282485 &:= ((1 + 2 \times 3! \times 4) \times (5 - 6!)) - ((7! - 8!) \times 9) &= (9 + (8! \times 7 + (6!/5))) + (4 \times ((3! - 2)! - 1)) \\
 282486 &:= (1 + (2^{3!} \times 4)) - (5!/6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6!/5 + 4)) + (3!^2 - 1) \\
 282487 &:= (1 + (2^{3!+4})) + (5 - (6! - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + (6 \times (5 + 4!))) + 3^2 + 1 \\
 282488 &:= (1 - ((2 - 3!) \times (4 - 5!))) + (6! + 7 \times 8! - 9) &= (9 + (8 \times ((7! + 6) \times 5))) + (((4!/3)! \times 2) - 1) \\
 282489 &:= ((1 + 2^{3!}) \times 4) - (5!/6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) + (5 + (((4! + 3!)^2) + 1)) \\
 282490 &:= (1 - 2^{3!}) + (4^5 - (6! - (7 \times 8! + 9))) &= (9 + (8 \times ((7! + 6) \times 5))) + (((4!/3)! \times 2) + 1) \\
 282491 &:= (1 \times 2 + (3! \times 4! + 5!)) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7!/6!) - 5) + ((4! \times (3! + 2)) + 1) \\
 282492 &:= (((1 \times 2 + 3!)! - (4 - (5! - 6!))) \times 7) + 8!/9 &= (9 + (8! \times 7 + (6! - (5! - 4)))) - (3!/2 + 1) \\
 282493 &:= (1 + (((2 + 3!)! - (4 - (5! - 6!))) \times 7)) + 8!/9 &= (((9 + 8!) \times 7) + ((6 \times 5!)/4)) + 3^2 + 1 \\
 282494 &:= ((1 + 2 \times 3!) + 4^5) - (6! - (7 \times (8! - 9))) &= (9 + (8! \times 7 + ((6! + 5!)/4))) + (3!^2 - 1) \\
 282495 &:= (1 \times 2 \times (3 + (4 \times 5!))) - (6! - (7 \times 8! + 9)) &= 9 \times 8 + ((7 \times ((6 + (5 \times 4)) + (3! + 2)!)) + 1) \\
 282496 &:= (1 + ((2 \times 3!)/4)) - (5! - (6 + (7 \times 8! + 9))) &= ((9 + 8! \times 7) - 6!) + (((5! \times 4) + 3) \times 2) + 1) \\
 282497 &:= (1 - 2 \times 3!) - ((4 \times 5!) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6) - (5 - ((4! \times (3! + 2)) + 1)) \\
 282498 &:= (1 + 2^{3!}) + (4 + (5! + (6 + (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7) + 6) - (((5^4) - 3!) \times 2) + 1) \\
 282499 &:= (((1 + (2 + 3!)!) - (4 - (5! - 6!))) \times 7) + 8!/9 &= (9 + (8! \times 7 + 6!)) - ((5! \times 4) - (3^2 + 1)) \\
 282500 &:= (1 + 2 \times 3! \times 4!) - (5!/6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6!/5)) + ((4! + 3) \times 2 - 1) \\
 282501 &:= ((1 + 2 \times 3!) \times 4!) - (5! - (6 + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (6 - 5!)) + (4! \times (3! \times 2 + 1)) \\
 282502 &:= (1 + (2 \times (3! + (4 \times 5!)))) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) + (((5! \times 4) + 3!) \times 2) + 1) \\
 282503 &:= (1 + ((2 - 3^4) \times 5)) + (6! + (7 \times (8! - 9))) &= ((9 + 8! \times 7) - (6 - 5!)) + (4 \times (3!^2 - 1)) \\
 282504 &:= (1 + ((2 + 3!) \times (4 + 5!))) - (6! - (7 \times 8! - 9)) &= 9 - ((8 \times (7! - ((6 \times 5) + ((4!/3)! + 2)))) + 1) \\
 282505 &:= ((1 \times 2 + 3!)!/(4! + 5!)) - (6 - (7 \times 8! - 9)) &= (9 + 8! \times 7 + 6) - (5 - ((4^{3! - 2}) - 1)) \\
 282506 &:= (1 - ((2 - 3!) \times (4 - 5!))) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6! - (5! \times 4))) - (3!^2 + 1) \\
 282507 &:= (1 + (2^{3!} \times 4)) - ((5 - 6) - (7 \times 8! + 9)) &= 9 \times 8 + ((7 \times (((6 \times 5) + (4!/3)! - 2)) - 1) \\
 282508 &:= (1 + (2^{3!} \times 4)) + (5!/6 + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6) + ((5 \times ((4! - 3) \times 2)) + 1) \\
 282509 &:= ((1 + 2 \times 3! \times 4!) - 5) - (6 - (7 \times 8! - 9)) &= (9 + ((8! \times 7!/6!) + 5!)) + (4 \times (3!^2 - 1)) \\
 282510 &:= ((1 + 2^{3!}) \times 4) - ((5 - 6) - (7 \times 8! + 9)) &= 9 + 8 + ((7 \times ((6!/(5 \times 4)) + (3! + 2)!)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 282511 &:= ((1 + 2^{3!}) \times 4) + (5!/6 + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) + (5! + (4 \times (3!^2 + 1))) \\
 282512 &:= (1 - ((2^{3!} + 4!) \times 5)) + (6! + 7 \times 8! - 9) &= 9 - ((8 \times ((7 \times (6! - 5)) - ((4!/3!) - 2))) + 1) \\
 282513 &:= ((1 - 2 \times 3!) \times (4! - 5!)) - (6! - (7 \times (8! - 9))) &= (((9 + 8!) \times 7!/6!) - 5) + ((4! \times (3^2)) - 1) \\
 282514 &:= (1 - ((2 - 3!) \times (4! - 5!))) + (6! + (7 \times (8! - 9))) &= 9 - ((8 \times ((7 \times (6! - 5)) - ((4!/3!) - 2))) - 1) \\
 282515 &:= (1 \times 2 - (3 \times (4! - 5!))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7!/6!) - 5) + ((4! \times (3^2)) + 1) \\
 282516 &:= (1 + ((2 + 3!) \times 4!)) + (5!/6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - (6!/5 + 4)) + (3!/2 + 1) \\
 282517 &:= ((1 \times 2 + 3!)/ (4! + 5!)) + ((6 + 7 \times 8!) - 9) &= (9 + ((8! \times 7!/6!) + 5!)) + (4 \times (3!^2 + 1)) \\
 282518 &:= (1 + 2 \times 3! \times 4!) - (5!/6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + ((6 \times 5!)/4)) + (3!^2 - 1) \\
 282519 &:= ((1 + 2 \times 3!) \times 4!) + (5 \times 6 + (7 \times (8! - 9))) &= ((9 + 8! \times 7 + 6) + 5^4) - (3!/2 + 1) \\
 282520 &:= (1 + (2 \times 3^4)) + (5! + ((6 + 7 \times 8!) - 9)) &= (((9 + 8!) \times 7) - 6) + (((5! - 4!/3) \times 2) - 1) \\
 282521 &:= (1 + (((2 \times 3! - 4)! + (5! - 6!)) \times 7)) + 8!/9 &= ((9 + 8! \times 7 + 6) + 5^4) - (3!/2 - 1) \\
 282522 &:= (1 + ((2 + 3!) \times (4 + 5!))) - (6! - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! - 5))) - (((4! - 3!)^2) + 1) \\
 282523 &:= ((1 + 2 \times 3!) \times 4!) - (5!/6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7!/6!) + 5) + ((4! \times (3^2)) - 1) \\
 282524 &:= ((1 - 2 \times 3!) + 4^5) - (6! - (7 \times 8! - 9)) &= ((9 + (8 \times (7! + 6))) \times 5) + (((4!/3!) \times 2) - 1) \\
 282525 &:= ((1 + (2 \times 3!^4)) - (5 - 6^7)) - (8 - 9) &= (((9 + 8!) \times 7!/6!) + 5) + ((4! \times (3^2)) + 1) \\
 282526 &:= (1 + (2^{3!} \times 4)) + (5!/6 + (7 \times 8! + 9)) &= ((9 + (8 \times (7! + 6))) \times 5) + (((4!/3!) \times 2) + 1) \\
 282527 &:= ((1 + ((2 \times 3! - 4)! + (5! - 6!))) \times 7) + 8!/9 &= (9 + (8! \times 7 + (6 \times 5!))) - (((4! - 3!)^2) + 1) \\
 282528 &:= (1 \times 2 \times 3!^4) \times (5 \times 6 + (7 + 8 \times 9)) &= (((9 + 8!) \times 7) + 6) + (((5! - (4 + 3!)) \times 2) - 1) \\
 282529 &:= (1 - (2 \times 3!^4)) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 + (8! \times 7 + (6 \times 5!))) - (((4! - 3!)^2) - 1) \\
 282530 &:= (1 - ((2^{3!} + 4!) \times 5)) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) + (((5! \times 4) - 3!) \times 2) - 1) \\
 282531 &:= (1 + (2^{3!+4})) - (5 + 6! - (7 \times 8! - 9)) &= ((9 + (8! \times 7!/6!)) - 5) + ((4! \times 3! \times 2) - 1) \\
 282532 &:= (1 + ((2 + 3!)/ (4! - 5!))) + (6! + 7 \times 8! - 9) &= 9 + 8! + (((((7! + (6!/5!)) \times 4!) - 3) \times 2) + 1) \\
 282533 &:= (1 - ((2 \times 3!)/4)) - (5 - (6! + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + 6!) - ((5! \times 4) + (3^2 + 1)) \\
 282534 &:= (1 + ((2 \times 3!^4) + 5)) - (6^7 \times (8 - 9)) &= (9 + (8! \times 7 + (6! + 5))) - (((4! - 3!)^2) - 1) \\
 282535 &:= 1 \times 2^{3!} - ((4 \times 5!) - (6! + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) + ((5 + (4! \times 3! \times 2)) - 1) \\
 282536 &:= (1 - 2 \times 3!) + (4^5 + (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!) + (((5! \times 4) - 3) \times 2) - 1) \\
 282537 &:= ((1 + ((2 \times 3! - 4) \times 5)) + 6^7) - 8!/9 &= ((9 + 8! \times 7) - (6! - 5!)) + (4! \times (3!^2 + 1)) \\
 282538 &:= (1 + (((2 + 3!) \times 4!) + 5!)) - (6 - (7 \times 8! - 9)) &= (9 + 8! \times 7 + 6) + (((5! + (4! - 3)) \times 2) + 1) \\
 282539 &:= ((1 + 2 \times 3! \times 4!) - 5) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) - (5 - ((4! \times 3! \times 2) + 1)) \\
 282540 &:= (1 + 2 \times 3! \times 4!) + (5!/6 + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6! - (5! + 4))) - (3!/2 - 1) \\
 282541 &:= (((1 + 2 \times 3! - 4!) \times 5) + 6^7) - 8!/9 &= (9 + (8! \times 7 + (6!/5))) + (4 \times (3!^2 + 1)) \\
 282542 &:= (((1 + 2 \times 3!) \times 4!) + 5) - (6 - (7 \times 8! - 9)) &= 9 + 8! + (((((7! + (6!/5!)) \times 4!) + 3) \times 2) - 1) \\
 282543 &:= (1 - ((2 \times 3!)/4)) + (5 + (6! + (7 \times (8! - 9)))) &= (9 + ((8! \times 7!/6!) + 5)) + ((4! \times 3! \times 2) + 1) \\
 282544 &:= (1 - (2 \times 3! \times 4!)) - (5! - (6! + 7 \times 8! - 9)) &= 9 + 8! + (((((7! + (6!/5!)) \times 4!) + 3) \times 2) + 1) \\
 282545 &:= (1 \times 2 + (3!/4)) + (5! - (6 - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6 - (5! + 4))) + (3!/2 \times 1) \\
 282546 &:= (1 + 2^{3!}) + (4^5 - (6! - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + (6! - (5! - 4))) - (3!/2 + 1) \\
 282547 &:= (1 + 2)! + ((3! + 4^5) - (6! - (7 \times 8! - 9))) &= (9 + 8! \times 7 + 6) + ((5 + (4! \times 3! \times 2)) - 1) \\
 282548 &:= ((1 + 2 \times 3!) + 4^5) - (6! - (7 \times 8! - 9)) &= 9 + 8! + (((((7! + (6!/5!)) \times 4!) + 3!) \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 282549 &:= (1 + (2^{3!+4})) - (5 + 6! - (7 \times 8! + 9)) &= 9 \times 8 + ((7 \times (((6 \times 5) + 4) + (3! + 2)!)) - 1) \\
 282550 &:= (1 - (2 \times (3^4 + 5!))) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6!) + (((5! \times 4) + 3) \times 2) + 1) \\
 282551 &:= ((1 + 2^{3!}) \times 4) + (5! - (6 - (7 \times (8! - 9)))) &= 9 \times 8 + ((7 \times (((6 \times 5) + 4) + (3! + 2)!)) + 1) \\
 282552 &:= (1 + 2)! \times (3!! + (4 + ((5! + (6! \times 7 - 8)) \times 9))) &= (((9 + 8!) \times 7) + (6 - (5! - 4))) + (3!!/2 - 1) \\
 282553 &:= 1 \times 2^{3!} - ((4 \times 5!) - (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6!) - ((5! \times 4) - (3^2 + 1)) \\
 282554 &:= (((1 + 2 \times 3!) \times 4!) + 5) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6!) + (((5! \times 4) + 3!) \times 2) - 1) \\
 282555 &:= ((1 + ((2 + 3!)! + (4 + 5! - 6!))) \times 7) + 8!/9 &= (9 \times (((8! + 7!) \times 6)/5!)) + ((4^{3^2}) - 1) \\
 282556 &:= (1 + (((2 + 3!) \times 4!) + 5!)) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) + (((5! \times 4) + 3!) \times 2) + 1) \\
 282557 &:= (1 + ((2 - 3^4) \times 5)) + (6! + 7 \times 8! - 9) &= (9 \times (((8! + 7!) \times 6)/5!)) + ((4^{3^2}) + 1) \\
 282558 &:= (1 + 2 \times 3! \times 4!) + (5!/6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) - (((5! - (4 + 3!))/2) - 1) \\
 282559 &:= (1 + (2^{3!+4})) + (5 - (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6) - (5 - ((4^{3! - 2}) - 1)) \\
 282560 &:= (((1 + 2 \times 3!) \times 4!) + 5) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6) + (((5 \times 4!) + 3!) \times 2) - 1) \\
 282561 &:= (1 - ((2^{3!} \times (4! + 5)) - 6^7)) + 8!/9 &= ((9 + 8! \times 7) - 6) - (5 - (((4! - 3!)^2) - 1)) \\
 282562 &:= (1 + ((2 \times 3! - 4)!/5!)) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6 - 5!)) + (((4! + 3!)/2) + 1) \\
 282563 &:= ((1 + 2 \times 3!) \times 4!) + (5!/6 + 7 \times 8! - 9) &= ((9 + 8! \times 7) - (6 + 5!)) + (((4! - 3!)^2) - 1) \\
 282564 &:= ((1 + 2^{3!}) \times 4) - ((5 - 6) - (7 \times (8! + 9))) &= 9 + 8 + ((7 \times (((6 + 5) \times 4) + (3! + 2)!)) - 1) \\
 282565 &:= (((1 + 2)!^3) + 4) + (5! - (6 - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6) - (5! - (((4! - 3!)^2) + 1)) \\
 282566 &:= ((1 + 2 \times 3!) + 4^5) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) + ((5! + (4! \times (3!^2))) - 1) \\
 282567 &:= ((1 - 2 \times 3!) \times (4! - 5!)) - (6! - (7 \times 8! - 9)) &= ((9 + (8! \times 7!/6!)) - 5) + (((4! - 3!)^2) - 1) \\
 282568 &:= (1 - ((2 - 3!) \times (4! - 5!))) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - (6! - 5!)) + ((4! \times (3!^2)) + 1) \\
 282569 &:= (1 + 2^{3!}) - ((4! - (5 \times 6!)) \times (7 + 8 \times 9)) &= ((9 + (8! \times 7!/6!)) - 5!) + (((4! - 3!)^2) - 1) \\
 282570 &:= 1 \times 2 \times ((3! \times (4! + (5 + 6 \times 7!))) - 8! - 9) &= (9 + (8! \times 7 + 6!)) - (((5 \times 4!)/3!)^2 - 1) \\
 282571 &:= (((1 - 2) + 3^4) \times 5) - (6 - (7 \times (8! - 9))) &= ((9 + (8! \times 7!/6!)) - 5!) + (((4! - 3!)^2) + 1) \\
 282572 &:= (1 + ((2 \times 3!)/4)) - (5!/6 - (7 \times 8! - 9)) &= (9 + ((8! + 7!) \times 6)) + (((5! - (4! - 3!))^2) - 1) \\
 282573 &:= ((1 + 2 \times 3!) \times 4!) + ((5 \times 6 + 7 \times 8!) - 9) &= (9 + 8! \times 7 + 6) - (5 - (((4! - 3!)^2) - 1)) \\
 282574 &:= (1 + ((2 \times 3! - 4)!/5!)) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) - 6) + ((5 \times ((4^3) + 2)) + 1) \\
 282575 &:= (1 + ((2 - 3^4) \times 5)) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6 - 5!))) + (((4! - 3!)^2) - 1) \\
 282576 &:= (1 - (2^{3!} \times 4)) - (5! - (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! - 5)) - (((4! - 3!)^2) + 1) \\
 282577 &:= (1 + (2 + 3!))! + (4! \times (5 - (6 \times 7! - 8! - 9))) &= (9 + 8! \times 7 + 6) - (5! - (((4! - 3!)^2) + 1)) \\
 282578 &:= (1 - 2 - (3 \times (4 + 5!))) + (6! + 7 \times 8! - 9) &= ((9 + 8! \times 7) - (6 - 5!)) + ((4! \times (3^2)) - 1) \\
 282579 &:= ((1 + 2)!! - (3 \times (4 - 5!))) - (6! - (7 \times 8! - 9)) &= ((9 + (8! \times 7!/6!)) - 5) - (4! - (3!!/2 - 1)) \\
 282580 &:= (1 + ((2 \times 3! - 4)!/5!)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) + (5! + ((4! \times (3^2)) + 1)) \\
 282581 &:= ((1 + 2 \times 3!) \times 4!) + (5!/6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6 \times 5!)) - (((4! - 3!)^2) + 1) \\
 282582 &:= 1 \times 2 \times ((3!!/4) + (5!/6 \times 7! + 8! - 9)) &= ((9 + 8! \times 7) - 6 \times 5) + (((4 + 3!)/2) + 1) \\
 282583 &:= ((1 + 2^{3!}) \times 4) + (5!/6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6 \times 5!)) - (((4! - 3!)^2) - 1) \\
 282584 &:= (1 - ((2^{3!} + 4!) \times 5)) + (6! + (7 \times (8! + 9))) &= (9 + ((8! \times 7!/6!) + 5!)) + ((4! \times (3^2)) - 1) \\
 282585 &:= ((1 - 2 \times 3!) \times (4! - 5!)) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7!/6!) - 5) + ((4! \times 3! \times 2) - 1) \\
 282586 &:= (1 - ((2 - 3!) \times (4! - 5!))) + (6! + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + ((5 \times ((4^3) + 2)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 282587 &:= (1 - ((2 \times 3!)/4)) - (5 - (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6!/5)) + (4 \times (3!^2 - 1)) \\
 282588 &:= (1 + 2 \times 3!) - (4^5 + (6 - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + (6! + 5)) - (((4! - 3!)^2) - 1) \\
 282589 &:= (((1 - 2^{3!}) \times (4! + 5)) + 6^7) + 8!/9 &= ((9 + 8! \times 7) - 6) - (((5!/4) - 3!)/2) - 1 \\
 282590 &:= (1 + ((2 \times 3!)/4)) - (5!/6 - (7 \times 8! + 9)) &= 9 - ((8 + ((7! - (6 \times ((5 + 4!)^3))) \times 2)) - 1) \\
 282591 &:= ((1 + 2 \times 3!) \times 4!) + (5 \times 6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6! - 5!)) + (4! \times (3!^2 + 1)) \\
 282592 &:= (1 + ((2 \times 3! - 4)!/5!)) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + (5! + ((4! \times (3^2)) + 1)) \\
 282593 &:= 1 - ((2 - (3! + 4)) \times (((5 - 6!) \times 7) + 8! + 9)) &= ((9 + (8! \times 7!/6!)) - 5) - (((4! - 3!)/2) - 1) \\
 282594 &:= (1 - (2^{3!} \times 4)) - (5! - (6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! - 5!))) - ((4^{3!-2}) - 1) \\
 282595 &:= ((1 + 2 \times 3!) \times 4!) - (5!/6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6!/5)) + (4 \times (3!^2 + 1)) \\
 282596 &:= ((1 - 2 \times 3!) + 4^5) - (6! - (7 \times (8! + 9))) &= 9 - (((8! - (((7! \times 6) + 5 + 4!) \times 3!)) \times 2) + 1) \\
 282597 &:= (1 - ((2 \times 3!)/4)) + (5 + (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7!/6!) + 5) + ((4! \times 3! \times 2) + 1) \\
 282598 &:= (1 + (((2 + 3!)! - (4! + (5 - 6!))) \times 7)) - 8!/9 &= (((9 + 8!) \times 7) - 6!) + ((5 + 4!) \times (3!^2 - 1)) \\
 282599 &:= ((1 \times 2^{3!}) + 4^5) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!/5) + (((4! - 3!)^2) - 1) \\
 282600 &:= (1 + 2^{3!}) + (4^5 - (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - ((6!/5!) + 4)) + (3!/2 + 1) \\
 282601 &:= (1 \times 2^{3!+4}) + (5! - (6! - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6!/5) + (((4! - 3!)^2) + 1) \\
 282602 &:= (1 + ((2^{3!} \times 4) + 5!)) - (6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6!) + ((5 + 4!) \times (3!^2 + 1)) \\
 282603 &:= ((1 + 2 \times 3!) \times 4!) + (5! - (6 - (7 \times (8! - 9)))) &= (9 + ((8! \times 7!/6!) + 5)) - (((4! - 3!)/2) - 1) \\
 282604 &:= (((1 + (2 + 3!)!) - (4! + (5 - 6!))) \times 7) - 8!/9 &= ((9 + 8! \times 7) - 6!) + (5 \times ((4! \times (3^2)) - 1)) \\
 282605 &:= ((1 + 2^{3!}) \times 4) + (5! - (6 - (7 \times 8! - 9))) &= (9 + (8! \times 7 + (6! - (5!/4!)))) - (3!/2 - 1) \\
 282606 &:= (1 + ((2 \times 3!^4) + (5 + 6^7))) + 8 \times 9 &= ((9 + 8! \times 7) - ((6!/5!) - 4)) + (3!/2 - 1) \\
 282607 &:= 1 \times 2^{3!} - ((4 \times 5!) - (6! + (7 \times (8! + 9)))) &= (9 + (8! \times 7 + (6! - 5!))) + (((4 - 3!)/2) + 1) \\
 282608 &:= (1 - 2 \times 3!) + (4^5 + (6! + (7 \times (8! + 9)))) &= (9 + (8! \times 7 + (6!/5))) + ((4! \times (3^2)) - 1) \\
 282609 &:= 1 - ((2 - 3) - (4^5 - (6! - (7 \times (8! + 9)))) &= ((9 + 8! \times 7) - 6) - (5 - (((4! + 3!)/2) - 1)) \\
 282610 &:= (1 + ((2 - 3!) \times (4! - 5!))) - (6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6!/5))) + ((4! \times (3^2)) + 1) \\
 282611 &:= (1 \times 2 + (3 \times (4 + 5!))) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) - 6) - (5 - (((4! + 3!)/2) + 1)) \\
 282612 &:= (1 + ((2 \times 3!)/4)) + (5!/6 + 7 \times 8! - 9) &= (9 + (8! \times 7 + ((6 \times 5!) + 4))) - (3!/2 + 1) \\
 282613 &:= (1 + (2^{3!+4})) + (5 - (6! - (7 \times (8! + 9)))) &= (9 + ((8! \times 7!/6!) + 5)) - (((4 - 3!)/2) - 1) \\
 282614 &:= (1 + ((2^{3!} \times 4) + 5!)) + ((6 + 7 \times 8!) - 9) &= (9 + (8! \times 7 + ((6 \times 5!) + 4))) - (3!/2 - 1) \\
 282615 &:= (1 - ((2 \times 3!)/4)) + (5 + (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6) - (5 - (((4! - 3!)^2) - 1)) \\
 282616 &:= (1 - (2 \times 3^4)) - (5! - (6! + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + (6! - 5!)) - ((4! \times 3! \times 2) - 1) \\
 282617 &:= ((1 + (2 \times ((3! - 4) \times 5))) + 6^7) - 8!/9 &= ((9 + 8! \times 7) - 6!) + (((5!/4) + 3!)^2) - 1) \\
 282618 &:= (1 + 2^{3!}) + (4^5 - (6! - (7 \times 8! + 9))) &= ((9 + 8! \times 7) - (6 - 5!)) + ((4^{3!-2}) - 1) \\
 282619 &:= (((1 + 2)!!/3) + 4) + (5! + (6 + (7 \times 8! + 9))) &= ((9 + 8! \times 7) - 6!) + (((5!/4) + 3!)^2) + 1) \\
 282620 &:= (1 + ((2^{3!} \times 4) + 5!)) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7!/6!) + 5) + (4! \times (3! \times 2 + 1)) \\
 282621 &:= (((1 - ((2 \times 3!)/4)) \times 5) + 6^7) + 8!/9 &= (((9 + 8!) \times 7!/6!) - 5) + (((4! - 3!)^2) - 1) \\
 282622 &:= (1 + ((2 - 3!) \times (4! - 5!))) + ((6 + 7 \times 8!) - 9) &= (9 + ((8!/7!)^6)) + ((5 \times (4^{3!} - 2)) - 1) \\
 282623 &:= ((1 + 2^{3!}) \times 4) + (5! - (6 - (7 \times 8! + 9))) &= (9 + (8! \times 7 + 6!)) + (((5!/4) - 3!)/2) - 1) \\
 282624 &:= ((1 \times 2 + 3!)! + (4 \times 5!)) - (6 \times (7 - 8! + 9)) &= (9 + ((8!/7!)^6)) + ((5 \times (4^{3!} - 2)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 282625 &:= (1 + ((2 + 3!) + (4 \times 5!))) - (6 \times (7 - 8! + 9)) &= (((9 + 8!) \times 7) - 6) + ((5 + ((4! - 3!)^2)) - 1) \\
 282626 &:= (((1 + 2 \times 3!) \times 4!) + 5) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) + (((5 + 4!) \times (3!^2)) - 1) \\
 282627 &:= (1 + 2)! + ((3 \times (4 - 5!)) + (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6) - (5 - (((4! - 3!)^2) - 1)) \\
 282628 &:= (1 + ((2 - 3!) \times (4! - 5!))) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6) + ((5 \times ((4^3) + 2)) + 1) \\
 282629 &:= (1 + ((2 - 3^4) \times 5)) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6 - 5!)) + (((4! - 3!)^2) - 1) \\
 282630 &:= (1 + ((2 \times 3!!) / 4)) + (5! / 6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6 \times 5) - (((4 - 3!!) / 2) + 1) \\
 282631 &:= ((1 + (2 + 3!)) \times 4) - (5 \times 6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6) - (5! - (((4! - 3!)^2) + 1)) \\
 282632 &:= (1 + ((2^{3!} \times 4) + 5!)) + (6 + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) - (5! + ((4! \times (3^2)) + 1)) \\
 282633 &:= (1 + (((2 + 3!)! - ((4 - 5!) \times 6)) \times 7)) - 8! / 9 &= (((9 + 8!) \times 7! / 6!) - 5) - (4! - (3!! / 2 - 1)) \\
 282634 &:= (1 + ((2 \times 3! \times 4!) + 5!)) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6) + (5! + ((4! \times (3^2)) + 1)) \\
 282635 &:= ((1 + 2^{3!}) \times 4) + (5! + (6 + (7 \times 8! + 9))) &= (9 \times (8 + (7! \times 6))) + (((5! - (4! - 3!)) ^ 2) - 1) \\
 282636 &:= (((1 + 2)!! + (3!! - 4)) \times 5) + 6^7 - 8! / 9 &= (9 + (8! \times 7 + (6 \times 5))) - (((4 - 3!!) / 2) + 1) \\
 282637 &:= ((1 + ((2 \times 3!! - 4) \times 5)) + 6^7) - 8! / 9 &= (((9 + 8!) \times 7) + 6) + ((5 + ((4! - 3!)^2)) - 1) \\
 282638 &:= ((1 - 2 \times 3!) \times 4!) + (5 + (6! + (7 \times (8! - 9)))) &= (9 + (8! \times 7 + 6!)) - ((5 \times ((4^3) + 2)) + 1) \\
 282639 &:= (((1 + (2 + 3!)!) - ((4 - 5!) \times 6)) \times 7) - 8! / 9 &= ((9 + 8! \times 7) - 6!) + ((5! / 4) \times (3!^2 + 1)) \\
 282640 &:= (1 - (((2 + 3!) \times 4!) + 5!)) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6) + ((5 \times ((4^3) + 2)) + 1) \\
 282641 &:= (((1 + 2 \times 3!! - 4) \times 5) + 6^7) - 8! / 9 &= (9 + (8! \times 7 + 6!)) - ((5 + ((4! - 3!)^2)) - 1) \\
 282642 &:= (1 + 2 \times 3!!) - (4^5 + (6 - (7 \times 8! - 9))) &= (9 + ((8! / 7!)^6)) + ((5 \times (4^{3!} + 2)) - 1) \\
 282643 &:= (((1 - 2) + 3^4) \times 5) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6) - (((5! / 4) - 3!!) / 2) - 1) \\
 282644 &:= (1 + ((2 \times 3!!) / 4)) - (5! / 6 - (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6!) + (((5! + 4) \times (3^2)) - 1) \\
 282645 &:= ((1 + 2 \times 3!) \times 4!) + (5 \times 6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7! / 6!) - 5) - (((4! - 3!!) / 2) + 1) \\
 282646 &:= (1 - (2 \times 3!! \times 4!)) - (((5 + 6!) \times 7) - 8!) \times 9 &= ((9 + 8! \times 7) - 6!) + (((5! + 4) \times (3^2)) + 1) \\
 282647 &:= (1 - (2^{3!} \times 4 - 5)) + (6! + (7 \times (8! - 9))) &= (9 + (8! \times 7 + 6!)) + (5! - (((4! - 3!)^2) + 1)) \\
 282648 &:= (1 - 2^{3!}) + ((4! \times (5! / 6)) + 7 \times 8! - 9) &= (9 + (8! \times 7 + (6! / 5))) + ((4^{3! - 2}) - 1) \\
 282649 &:= (1 + ((2^{3!} + 4!) \times 5!)) + ((6 \times 7! - 8) \times 9) &= (9 + (8! \times 7 + (6! + 5!))) - (((4! - 3!)^2) - 1) \\
 282650 &:= (1 + (2 \times (3!! - (4 + 5!)))) - (6! - (7 \times (8! - 9))) &= ((9 + 8! \times 7) - (6 - 5!)) + ((4! \times 3! \times 2) - 1) \\
 282651 &:= 1 + (((2 - 3) + (4 \times 5!)) - (6 - (7 \times (8! - 9)))) &= (9 + (8! \times 7 + 6!)) + (5 - (((4! - 3!)^2) - 1)) \\
 282652 &:= (1 + ((2 \times 3! \times 4!) + 5!)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6 - 5!)) + ((4! \times 3! \times 2) + 1) \\
 282653 &:= 1 \times (2 - ((3 \times (4 + 5!)) - (6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + 6) - ((5 + ((4! - 3!!) / 2)) - 1) \\
 282654 &:= (1 + 2 \times 3!!) - (4^5 - ((6 + 7 \times 8!) - 9)) &= (9 + 8! \times 7 + 6) + (((5 \times 4!) / 3!)^2) - 1) \\
 282655 &:= (1 \times 2^{3! + 4}) + (5! - (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + 6) - (((5! / 4) - 3!!) / 2) - 1) \\
 282656 &:= (1 + (2^{3! + 4})) + (5! - (6! - (7 \times 8! - 9))) &= (9 + 8! \times 7 + 6) + (((5 \times 4!) / 3!)^2) + 1) \\
 282657 &:= ((1 + (2 \times (3!! + 4! \times 5!))) + 6^7) - 8! / 9 &= (((9 + 8!) \times 7! / 6!) + 5) - (((4! - 3!!) / 2) - 1) \\
 282658 &:= (1 - ((2 + 3!)! / (4! - 5!))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6!) + (5 \times ((4! \times (3^2)) - 1)) \\
 282659 &:= (1 - (2 \times 3! \times 4!)) - (5 - (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! - (5! / 4!))) - (3!! / 2 - 1) \\
 282660 &:= (1 + 2 \times 3!!) - (4^5 + (6 - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6 \times 5! - 4)) - (3!! / 2 - 1) \\
 282661 &:= (((1 + 2)!)! \times (3! + 4)) + ((5 + 6^7) - 8! / 9) &= (((9 + 8!) \times 7) + (6! - 5)) + (((4 - 3!!) / 2) + 1) \\
 282662 &:= 1 \times 2 + (3 + ((4! \times (5! / 6)) + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + (6! / 5)) + ((4! \times (3^2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 282663 &:= (1 + ((2 \times 3!)/4)) + ((5 - 6) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6) - (5 - (((4! + 3!)/2) - 1)) \\
 282664 &:= (1 + ((2 + 3!) \times (4! + 5!))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6!/5)) + ((4! \times (3^2)) + 1) \\
 282665 &:= (1 \times 2 + (3 \times (4! - 5!))) + (6! + 7 \times 8! - 9) &= (9 \times (8! - (7! + 6))) - (((5! + 4! \times 3!) \times 2) + 1) \\
 282666 &:= (1 - 2^{3!}) + ((4! \times (5!/6)) + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6^5) + ((4^{3!} \times 2) + 1) \\
 282667 &:= (1 + ((2 + 3!)! + (4 \times 5!))) + (6 \times (7! \times 8 - 9)) &= (9 \times (8! - (7! + 6))) - (((5! + 4! \times 3!) \times 2) - 1) \\
 282668 &:= (1 + (((2 + 3!)! - (4! - (5 + 6!))) \times 7)) - 8!/9 &= (9 + (8! \times 7 + 6!)) - ((5 \times ((4! + 3!) \times 2)) + 1) \\
 282669 &:= ((1 - 2 \times 3!) \times 4!) - (((5 + 6!) \times 7) - 8!) \times 9 &= (((9 + 8!) \times 7) + (6! - 5)) + (((4! - 3!)/2) - 1) \\
 282670 &:= (1 - (2 \times 3^4)) - (5! - (6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + 6!)) + (((5! + (4 - 3!))/2) - 1) \\
 282671 &:= (1 \times 2 + (3 \times (4! + 5!))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6!) + (((5!/4) + 3)^2) - 1) \\
 282672 &:= (1 + 2 \times 3!) - (4^5 - (6 + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + ((6!/5!) + 4)) + (3!/2 - 1) \\
 282673 &:= (1 - (((2 + 3!)! \times 4)/5)) + ((6^7/8) \times 9) &= (((9 + 8!) \times 7) - 6!) + (((5!/4) + 3)^2) + 1) \\
 282674 &:= (1 + (2^{3!+4})) + (5! - (6! - (7 \times 8! + 9))) &= (9 + (8! \times 7 + 6!)) - (5 \times (((4! + 3!) \times 2) - 1)) \\
 282675 &:= ((1 + 2 \times 3!) \times 4!) + (5! - (6 - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6) - (5 - (((4! + 3!)/2) - 1)) \\
 282676 &:= (1 - ((2 + 3!)!/(4! - 5!))) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6 \times 5!)) + (((4! - 3!)/2) + 1) \\
 282677 &:= ((1 + ((2 \times 3! + 4) \times 5)) + 6^7) - 8!/9 &= (((9 + 8!) \times 7) + 6!) + (((5!/4) - 3!)/2) - 1) \\
 282678 &:= (((1 + 2)! - 3!) - (4^5 - 6^7)) + 8!/9 &= (((9 + 8!) \times 7!/6!) + 5!) + ((4^{3! - 2}) - 1) \\
 282679 &:= (12 \times 3! + 4^5) - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6! + 5)) + (((4! - 3!)/2) - 1) \\
 282680 &:= ((1 - 2) + (3 \times (4 + 5!))) + (6 + (7 \times (8! + 9))) &= (9 + (8! \times 7 + 6!)) + (((5! + (4! - 3!))/2) - 1) \\
 282681 &:= ((1 + (2 \times 3! + 4)) \times 5) + (6^7 - 8!/9) &= (((9 + 8!) \times 7) + (6! + 5)) + (((4! - 3!)/2) + 1) \\
 282682 &:= ((1 - 2 \times 3!) \times 4!) - (5 - (6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + 6!)) + (((5! + (4! - 3!))/2) + 1) \\
 282683 &:= (1 \times 2 + (3 \times (4! - 5!))) + (6! + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!/5!) + (((4! - 3)^2) - 1) \\
 282684 &:= (1 + ((2 \times 3!)/4)) + (5!/6 + (7 \times (8! + 9))) &= ((9 + (8! \times 7!/6!)) - 5) + (((4! - 3)^2) - 1) \\
 282685 &:= (1 - (((2 - (3 - 4))! \times (5 + 6!))) \times (7 - 8 \times 9) &= ((9 + 8! \times 7) - 6!/5!) + (((4! - 3)^2) + 1) \\
 282686 &:= (1 - ((2 - 3^4) \times (5 \times (6! + 7)))) - 8!/9 &= (((9 + 8!) \times 7) + 6!) - (5! + ((4! \times (3^2)) + 1)) \\
 282687 &:= (1 - (2 \times 3! \times 4!)) + (5 + (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6) - (5 - (4! + (3!/2 - 1))) \\
 282688 &:= (1 - (2 \times 3^4)) - (5! - (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6! - 5!)) - ((4! \times (3^2)) - 1) \\
 282689 &:= (1 - (2 \times (3! \times (4! + 5!)))) + (6^7 + 8!/9) &= ((9 + 8! \times 7) - 6!) + ((5! - 4) \times (3^2 + 1)) \\
 282690 &:= (1 - 2^{3!}) + ((4 \times (5! + 6)) + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + (((5 - 4! \times 3!) \times 2) - 1) \\
 282691 &:= (1 - (2^{3!} \times 4)) - (5 - (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7!/6!) + 5 + 4!) + (3!/2 - 1) \\
 282692 &:= ((1 - 2 \times 3!) \times 4!) + (5 + (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) - ((5 \times ((4^3) + 2)) + 1) \\
 282693 &:= (1 - 2^{3!}) + (4 \times (5! + (6 \times 7! + 8! + 9))) &= (((9 + 8!) \times 7) - 6!) + ((5!/4) \times (3!^2 + 1)) \\
 282694 &:= (1 - (2 \times 3! - (4 \times 5!))) - (6 - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) - ((6 \times (5 - ((4! \times 3) - 2))) - 1) \\
 282695 &:= ((1 + ((2 + 3!)! + (4! + (5! - 6!)))) \times 7) + 8!/9 &= (9 + (8! \times 7 + (6!/5!))) + (((4! - 3)^2) - 1) \\
 282696 &:= ((1 \times 2 \times ((3! + 4) \times 5)) + 6^7) - 8!/9 &= (9 + ((8! \times 7!/6!) + 5)) + (((4! - 3)^2) + 1) \\
 282697 &:= ((1 + (2 \times ((3! + 4) \times 5))) + 6^7) - 8!/9 &= (9 + (8! \times 7 + (6!/5!))) + (((4! - 3)^2) + 1) \\
 282698 &:= (1 \times 2 - 3^4) - (5! - (6! + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6!) + (((5! + 4) \times (3^2)) - 1) \\
 282699 &:= (1 - (2 \times (3^4 + 5^6))) \times ((7 - 8) \times 9) &= ((9 + 8! \times 7) - (6 - 5!)) - (4! - (3!/2 \times 1)) \\
 282700 &:= (1 - 2 \times 3!) + ((4! \times (5!/6)) + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6!) + (((5! + 4) \times (3^2)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 282701 &:= (((1 + (2 \times (3!! + 4))) \times 5) + 6^7) - 8!/9 &= (((9 + 8!) \times 7) + 6!) + (5! - (((4! - 3!)^2) + 1)) \\
 282702 &:= ((1 + 2) - (3! - (4 \times 5!))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6!/5)) + ((4^{3!-2}) - 1) \\
 282703 &:= (1 \times 2 \times (3!! - (4 + 5!))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! + 5!)) - (((4! - 3!)^2) - 1) \\
 282704 &:= (1 + (2 \times (3!! - (4 + 5!)))) - (6! - (7 \times 8! - 9)) &= (9 + ((8! \times 7!/6!) + 5!)) - (4! - (3!!/2 - 1)) \\
 282705 &:= (1 + ((2 \times 3!!) \times 4)) - (5! + (6^7 \times (8 - 9))) &= (((9 + 8!) \times 7) + 6!) + (5 - (((4! - 3!)^2) - 1)) \\
 282706 &:= (1 + ((2 \times 3!!)/4)) + (5! - (6 - (7 \times 8! - 9))) &= (9 + (8! \times 7 + (6! + (5! - 4!)))) - (3!!/2 - 1) \\
 282707 &:= ((1 \times 2 + 3!^4) - 5!) - (6! - (7 \times 8! + 9)) &= (9 \times (8! - 7!)) - (((6 + (5! + 4! \times 3!)) \times 2) + 1) \\
 282708 &:= ((1 \times 2 + 3!)! + (4 \times 5!)) + (6 \times (7 + 8! - 9)) &= (((9 + 8!) \times 7) + 6) + (((5 \times 4!)/3!)^2) - 1) \\
 282709 &:= (1 - (2 \times (3! + (4! \times (5 + 6!)))))) - ((7! - 8!) \times 9) &= (9 + (8! \times 7 + (6! - 5!))) - (4 \times (3!^2 - 1)) \\
 282710 &:= ((1 - 2 \times 3!) \times 4!) + (5 + (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6) + (((5 \times 4!)/3!)^2) + 1) \\
 282711 &:= (1 - (2 + 3!) \times 4!) + (5 + (6! + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6!/5) + (4! \times ((3! - 2)! - 1)) \\
 282712 &:= (1 + ((2 + 3!)! + (4 \times 5!))) + ((6 \times 7! \times 8) - 9) &= ((9 + 8! \times 7) - (6 - 5!)) - (((4! - 3!)/2) - 1) \\
 282713 &:= (1 \times 2 + (3!! + (4 \times 5!))) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) + ((5! \times 4) - (3^2 + 1)) \\
 282714 &:= (1 + 2 \times 3!!) - (4^5 + (6 - (7 \times (8! + 9)))) &= (9 \times (8! - (7! + (6 \times 5)))) - (4! \times (3!! \times 2 - 1)) \\
 282715 &:= (1 - (2 \times (3 + (4! \times (5 + 6!)))))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - 6) - (((5! + 4! \times 3!)) \times 2) - 1) \\
 282716 &:= (1 + 2^{3!}) + ((4 \times 5!) - (6 - (7 \times (8! - 9)))) &= (9 + (8! \times 7 + (6!/5))) + (((4! - 3!)^2) - 1) \\
 282717 &:= ((1 + 2)!! + (3! + (4 \times 5!))) - (6! - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! + 5))) - ((4^{3!-2}) + 1) \\
 282718 &:= (1 + (2 \times 3! + (4 \times 5!))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6^5) + ((4^{3!} \times 2) - 1) \\
 282719 &:= (1 - (2^{3!} \times 4 - 5)) + (6! + (7 \times 8! + 9)) &= (9 + ((8! \times 7!/6!) + (5! \times 4))) - (3^2 + 1) \\
 282720 &:= (1 - 2^{3!}) + ((4! \times (5!/6)) + (7 \times (8! + 9))) &= ((9 \times (8 + 7!)) - ((6! - 5) \times 4!)) \times (3^2 + 1) \\
 282721 &:= (1 - (2 \times (3! \times (4 \times (5 + 6!)))))) - ((7! - 8!) \times 9) &= ((9 + (8! + ((7! \times 6) + 5!))) \times 4) - (3!^2 - 1) \\
 282722 &:= (1 + (2 \times (3!! - (4 + 5!)))) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - ((6 - 5!) \times 4)) - (3!^2 + 1) \\
 282723 &:= ((1 + 2)! \times (3! - 4!)) - (5! - (6! + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6 + 5!)) + (4! \times ((3! - 2)! + 1)) \\
 282724 &:= 1 + 2 \times 3! + ((4! \times (5!/6)) + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - ((6 - 5!) \times 4)) - (3!^2 - 1) \\
 282725 &:= (1 \times 2 + (3! + (4 \times 5!))) + ((6 + 7 \times 8!) - 9) &= (9 + 8! \times 7 + 6) + ((5! \times 4) - (3^2 + 1)) \\
 282726 &:= (1 + 2 \times 3!!) - (4^5 - (6 + (7 \times (8! + 9)))) &= (9 + (8! \times 7 + (6! + (5! - 4)))) - (3!!/2 - 1) \\
 282727 &:= (1 + (2 \times (3 - (4! \times (5 + 6!)))))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - (((6! + 5) \times 4!) - 3) \times 2) - 1) \\
 282728 &:= (1 + (2^{3!} \times (4! - 5))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) - (5 \times (((4! + 3!) \times 2) - 1)) \\
 282729 &:= ((1 - (2 \times (3!! + 4 + 5!))) + 6^7) + 8!/9 &= (((9 + 8!) \times 7) + (6! - 5)) - ((4! \times 3! \times 2) + 1) \\
 282730 &:= (1 + ((2 + 3!)! + (4 \times 5!))) + ((6 \times 7! \times 8) + 9) &= 9 + 8! + (((7! \times 6 - 5!) \times 4) + 3!) \times 2) + 1) \\
 282731 &:= (1 - (2 \times 3^4)) - (5 - (6! + (7 \times (8! - 9)))) &= (9 \times (8! - 7!)) - (((6! + 5) \times 4!) - 3!) \times 2) + 1) \\
 282732 &:= (1 - ((2 + 3!)!/4)) - (5 - (6^7 + 8!/9)) &= (9 + ((8! \times 7!/6!) + (5! + 4))) + (3!!/2 - 1) \\
 282733 &:= (1 + (2 \times (3! - (4! \times (5 + 6!)))))) - ((7! - 8!) \times 9) &= ((9 + 8! \times 7) - 6) + ((5! \times 4) + (3^2 + 1)) \\
 282734 &:= 1 \times 2 - (3 - (4 \times 5! + (6 + (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) + 6!) + (((5! + (4! - 3!))/2) - 1) \\
 282735 &:= ((1 + 2)!! + (3! + (4 \times 5!))) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7!/6!) + 5!) + (4! \times (3! \times 2 + 1)) \\
 282736 &:= (1 + (2 \times 3! + (4 \times 5!))) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) + (((5! + (4! - 3!))/2) + 1) \\
 282737 &:= 1 \times 2 + 3! + ((4! \times (5!/6)) + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) - (((5! - 4!) \times 3) - (2 \times 1)) \\
 282738 &:= (1 - 2^{3!}) + (4! - (5! - (6! + (7 \times (8! - 9)))))) &= (((9 + 8!) \times 7!/6!) - 5) + (((4! - 3!)^2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 282739 &:= (1 - ((2 - 3!) \times 4!)) + ((5^6 - 7) \times (8 + 9)) &= (9 + ((8! \times 7!/6!) + (5! \times 4))) + 3^2 + 1 \\
 282740 &:= 1 \times 2 + (3 + (4 \times 5! + (6 + (7 \times 8! + 9)))) &= (((9 + 8!) \times 7!/6!) - 5) + (((4! - 3)^2) + 1) \\
 282741 &:= (1 - (2 \times 3^4)) + (5 + (6! + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + (6! + 5)) - ((4! \times 3! \times 2) - 1) \\
 282742 &:= (1 - ((2 + 3!)/4!)) + (5 + (6^7 + 8!/9)) &= (9 + (8! \times 7 + (6!/5))) - (((4! - 3!)/2) - 1) \\
 282743 &:= (1 \times 2 + (3! + (4 \times 5!))) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) + ((5! - 4) \times (3^2 + 1)) \\
 282744 &:= (1 - (2^{3!} + 4!)) - (5! - (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) + (((5 - 4! \times 3!) \times 2) - 1) \\
 282745 &:= 1 + 2 \times 3! + ((4^5 + (6 \times 7! - 8)) \times 9) &= (9 + 8! \times 7 + 6) + ((5! \times 4) + (3^2 + 1)) \\
 282746 &:= ((1 + 2^{3!}) \times (4! - 5)) - (6! - (7 \times 8! - 9)) &= ((9 + (8! + ((7! \times 6) + 5!))) \times 4) - (3^2 + 1) \\
 282747 &:= 1 - (2 + (3! \times 4! + (5 - (6! + (7 \times (8! - 9)))))) &= (9 + (8! \times 7 + (6! - 5))) - ((4! \times (3^2)) + 1) \\
 282748 &:= (1 + (2 \times 3! + (4 \times 5!))) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7!/6!) + 5) + (((4! - 3)^2) - 1) \\
 282749 &:= (1 + 2^{3!}) + (4 \times (5! + (6 \times 7! + 8! - 9))) &= (((9 + 8!) \times 7) - ((6 - 5!) \times 4)) - (3^2 + 1) \\
 282750 &:= ((1 + 2^{3!}) \times (4! + 5)) \times ((6! + 7!/8)/9) &= (((9 + 8!) \times 7!/6!) + 5) + (((4! - 3)^2) + 1) \\
 282751 &:= (1 \times 2 + 3! \times 4) + ((5 + 6^7) - 8 \times 9) &= (((9 + 8!) \times 7) + (6!/5!)) + (((4! - 3)^2) + 1) \\
 282752 &:= 1 \times 2 \times (((3 \times 4!) + 5!) \times (6! - 7)) + 8!/9 &= (((9 + 8!) \times 7) + (6 + (5! \times 4))) - (3!^2 + 1) \\
 282753 &:= ((1 - 2 \times 3!) \times 4!) + (5! + (6! + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + 6 + 5!) + ((4! - 3!)^2 \times 1) \\
 282754 &:= (1 + (2 \times (3! \times 4! + 5!))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6 + (5! \times 4))) - (3!^2 - 1) \\
 282755 &:= (1 - (2 + 3!) \times 4!) - (5 - (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) - (5! + (4 \times (3!^2 + 1))) \\
 282756 &:= 1 - (2 - (((3! - 4!) \times 5)/6) + (7 \times (8! - 9))) &= (9 + (8! \times 7 + (6!/5 + 4))) + (3!/2 - 1) \\
 282757 &:= 1 + 2 \times 3! + ((4! \times 5! + 6^7) - 8 \times 9) &= (9 + (8! \times 7 + (6! + 5))) - ((4! \times (3^2)) + 1) \\
 282758 &:= (1 + ((2 + 3!) \times 4)) + ((5 + 6^7) - 8 \times 9) &= (9 + (8! \times 7 + 6!)) - ((5 \times ((4! - 3) \times 2)) + 1) \\
 282759 &:= 1 \times 2 + (((3! - 4!) \times 5)/6) + (7 \times (8! - 9)) &= (9 + (8! \times 7 + (6! + 5))) - ((4! \times (3^2)) - 1) \\
 282760 &:= (1 + (2 \times (3! + (4! - 5!)))) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6 - (5! \times 4))) + 3!^2 + 1 \\
 282761 &:= (1 - ((2^{3!} \times 4!) + 5!)) + (6^7 + 8!/9) &= (((9 + 8!) \times 7) + (6! - 5)) - ((4^{3! - 2}) + 1) \\
 282762 &:= (1 - (2^{3!} + 4!)) - (5! - (6! + (7 \times 8! + 9))) &= ((9 \times (8! - (7! + 6))) - 5!) - (4! \times (3! \times 2 + 1)) \\
 282763 &:= (1 - (2^{3!} \times 4)) - (5 - (6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (6! - 5!)) - (4 \times (3!^2 - 1)) \\
 282764 &:= ((1 - 2^{3!}) \times (4 - 5!)) + (6^7 - 8!/9) &= (9 + ((8! \times 7!/6!) + (5! \times 4))) + (3!^2 - 1) \\
 282765 &:= (1 - (2 + 3!) \times 4!) + (5 + (6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + 6!)) + (5! - ((4! - 3!)^2 \times 1)) \\
 282766 &:= (1 + (((2 \times 3! - 4!) - (5 - 6!)) \times 7)) - 8!/9 &= ((9 + (8! + ((7! \times 6) + 5!))) \times 4) + 3^2 + 1 \\
 282767 &:= (1 - 2 - (3^4 + 5!)) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6) + ((5! \times 4) - (3^2 + 1)) \\
 282768 &:= 1 \times 2 - ((3!/4) + (5 - (6! + 7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6!) + (((5^4) - 3!) \times 2) + 1) \\
 282769 &:= 1 + 2 \times 3! + (4 \times (5! + (6 \times 7! + 8! + 9))) &= (((9 + 8!) \times 7) - ((6 - 5!) \times 4)) + 3^2 + 1 \\
 282770 &:= (1 + (2 \times (3! - 4))) - (5! + (6! - (7 \times (8! - 9)))) &= (9 + (8! \times 7 + 6!)) - ((5 \times (4 + 3!^2)) - 1) \\
 282771 &:= ((1 \times 2 + 3!)! + (4 \times 5!)) + (6 \times (7 + 8!) + 9) &= (((9 + 8!) \times 7) + (6! + 5)) - ((4^{3! - 2}) + 1) \\
 282772 &:= (1 - (2 \times (3! + 4))) - (5! - (6! + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6!) + (((5^4) - 3) \times 2) - 1) \\
 282773 &:= (1 + (((2 + 3!)! - (4 - 5! \times 6)) \times 7)) - 8!/9 &= (((9 + 8!) \times 7!/6!) + (5! \times 4)) - (3^2 + 1) \\
 282774 &:= (1 + 2 \times 3! - (4 + 5!)) - (6! - (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6!) + (((5^4) - 3) \times 2) + 1) \\
 282775 &:= (1 + ((2 + 3!)! + (4 \times 5!))) + (6 \times (7! \times 8 + 9)) &= (9 \times (8! - (7! - 6))) - (((5! + 4! \times 3!) \times 2) - 1) \\
 282776 &:= (1 + 2^{3!}) + ((4! \times (5!/6)) + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6 + 5!) - (((4! - 3!)/2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 282777 &:= ((1 + ((2 \times 3!! + 4!) \times 5)) + 6^7) - 8!/9 &= ((9 + 8! \times 7) - 6!) + ((5! - 4!) \times (3! \times 2 + 1)) \\
 282778 &:= (1 - (2 \times (3 + 4!))) - (5! - (6! + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6!) + (((5^{4!/3!}) \times 2) - 1) \\
 282779 &:= (1 \times 2 - ((3 \times 4!) + 5!)) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6) + ((5! \times 4) - (3^2 + 1)) \\
 282780 &:= ((1 + (2 \times (3 + 4!))) \times (5!/6 + 7!)) + 8!/9 &= ((9 + 8! \times 7) - 6!) + (((5^{4!/3!}) \times 2) + 1) \\
 282781 &:= (1 - (2 \times 3!! \times 4!)) - ((5!/6 + 7! - 8!) \times 9) &= ((9 + (8! + ((7! \times 6) + 5!))) \times 4) + ((3! - 2)! + 1) \\
 282782 &:= (1 + 2^{3!}) + (4 \times 5! + ((6 + 7 \times 8!) - 9)) &= (9 + 8! \times 7 + 6) + (((5! + 4! \times 3!) \times 2) - 1) \\
 282783 &:= (1 - (2 + 3!) \times 4!) + (5 + (6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! + 5!))) - ((4! \times (3! + 2)) - 1) \\
 282784 &:= ((1 - 2^{3!}) \times 4!) - (5! - (6^7 + 8!/9)) &= ((9 + 8! \times 7) - 6!) + (((5^4) + 3) \times 2) - 1) \\
 282785 &:= ((1 - (2 \times (3!! - (4! - 5!)))) + 6^7) + 8!/9 &= (9 \times (8!/7)) + ((6! - 5) \times (((4! - 3!)^2) - 1)) \\
 282786 &:= ((1 + (2 \times (3!! + 4))) - 5!) - (6! - (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6!) + (((5^4) + 3) \times 2) + 1) \\
 282787 &:= (1 - ((2 \times 3!! \times 4!) + 5!)) - (((6 + 7!) - 8!) \times 9) &= (((9 + 8!) \times 7) - 6) + ((5! \times 4) + (3^2 + 1)) \\
 282788 &:= (1 + 2^{3!}) + ((4 \times 5!) - (6 - (7 \times 8! + 9))) &= ((9 + 8! \times 7) - 6!) + (((5! \times (4! - 3!))/2) - 1) \\
 282789 &:= (1 + 2 \times 3!) \times ((4! \times 5! \times 6) - (7 - 8!/9)) &= (((9 + 8!) \times 7) + (6 - 5!)) + (4! \times ((3! - 2)! + 1)) \\
 282790 &:= (1 - (2 \times (3! + 4!))) - (5! - (6! + (7 \times 8! + 9))) &= ((9 + 8! \times 7) - 6!) + (((5^4) + 3!) \times 2) - 1) \\
 282791 &:= 1 \times 2 + 3! + ((4! \times (5!/6)) + (7 \times (8! + 9))) &= ((9 + (8! + ((7! \times 6) + 5!))) \times 4) + (3!^2 - 1) \\
 282792 &:= (1 - 2^{3!}) + (4! - (5! - (6! + 7 \times 8! - 9))) &= (((9 + 8!) \times 7) + (6 + (5! + 4!))) + (3!!/2 - 1) \\
 282793 &:= (1 + ((2^{3!} + 4!) \times 5!)) + ((6 \times 7! + 8) \times 9) &= (((9 + 8!) \times 7!/6!) + (5! \times 4)) + 3^2 + 1) \\
 282794 &:= (1 + 2^{3!}) + ((4! \times (5!/6)) + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - ((6 - 5!) \times 4)) + (3!^2 - 1) \\
 282795 &:= (1 - (2 \times 3^4)) + (5 + (6! + 7 \times 8! - 9)) &= 9 + 8! + ((7 \times 6) \times ((5! \times 4! + 3!) \times 2) + 1)) \\
 282796 &:= ((1 + (2^{3!} \times 4)) \times 5) - (6! - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! - 5!))) - ((4! + 3) \times 2 - 1) \\
 282797 &:= (1 + (2 \times ((3 + 4!) \times (5! - (6 - 7!)))) + 8!/9 &= (9 + (8! \times 7 + 6!)) + (((5 - 4!) \times (3^2)) - 1) \\
 282798 &:= (((1 \times 2 + 3!)! - (4! - (5! - 6))) \times 7) - 8 \times 9 &= (((9 + 8!) \times 7) - (6! \times 5)) + (4^{3!} - (2 - 1)) \\
 282799 &:= ((1 \times 2^{3!}) + (4 \times 5!)) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6) + ((5! \times 4) + (3^2 + 1)) \\
 282800 &:= (1 + 2^{3!}) + (4 \times 5! + (6 + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6!) - (((5! - 4!/3) \times 2) - 1) \\
 282801 &:= (1 + (((2 + 3!)! - (4! - 5!)) \times 6)) - (7 - 8! + 9) &= (((9 + 8!) \times 7) + (6! - 5)) - ((4! \times (3^2)) + 1) \\
 282802 &:= ((1 + (2 \times (3!! - 4!))) - 5!) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! + 5!)) - (((4! - 3!!) \times 2) - 1) \\
 282803 &:= (1 - (2 \times 3^4)) - (5 - (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6! - 5)) - ((4! \times (3^2)) - 1) \\
 282804 &:= ((1 - 2 \times 3!!) \times 4!) - ((5!/6 + 7! - 8!) \times 9) &= (9 + (8! \times 7 + 6!)) + (5 \times (4 - (3!^2 + 1))) \\
 282805 &:= ((1 - 2 \times 3!) \times (4 - 5!)) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6 - 5!)) + (((4! - 3!)^2) + 1) \\
 282806 &:= (((1 + (2 + 3!)!) - (4! - 5!)) \times 6) - (7 - 8! + 9) &= (((9 + 8!) \times 7!/6!) + (5! + 4!)) + (3!!/2 - 1) \\
 282807 &:= ((1 - 2 \times 3!) \times 4!) + (5! + (6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + (((6! + 5!) \times 4)/3!))) - 2 \times 1) \\
 282808 &:= (1 + 2 \times 3!! - 4!) - (5! + (6! - (7 \times 8! - 9))) &= (9 + (8! \times 7 + 6!)) + ((5 \times (4 - 3!^2)) - 1) \\
 282809 &:= (1 - (2 \times (3!! + 4!))) - (5! - (6^7 + 8!/9)) &= (9 + ((8! \times 7!/6!) + 5!)) + (((4! - 3!)^2) - 1) \\
 282810 &:= (((1 - 2 \times 3!!) \times 4!) - 5!) - (((6 + 7!) - 8!) \times 9) &= (9 + (8! \times 7 + 6!)) + ((5 \times (4 - 3!^2)) + 1) \\
 282811 &:= 1 \times 2 - ((3! - 4! \times 5!) - (6^7 + (8 - 9))) &= (((9 + 8!) \times 7) + (6! + 5)) - ((4! \times (3^2)) + 1) \\
 282812 &:= (1 \times 2 + 3!! \times 4) - (5 - (6^7 + (8 - 9))) &= (9 + 8! \times 7) - (((6 - ((5! - 4!) \times 3)) \times 2) + 1) \\
 282813 &:= (1 - (2 \times 3^4)) + (5 + (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6! + 5)) - ((4! \times (3^2)) - 1) \\
 282814 &:= ((1 + (2^{3!} \times 4)) \times 5) - (6! - (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + (5 \times (4 - (3!^2 - 1)))
 \end{aligned}$$

$$\begin{aligned}
 282815 &:= (1 + ((2 + (3 \times ((4! - 5) \times 6!))) \times 7)) - 8!/9 &= (9 + (8! \times 7 + (6! - 5!))) - (4! + (3^2 + 1)) \\
 282816 &:= 1 - 2 \times 3! - (4 + 5! - (6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! - 5!))) - (4 \times (3!^2 + 1)) \\
 282817 &:= (1 + (2^{3!} \times (4! + (5 - 6! + 7!)))) + 8!/9 &= (9 \times (8! - 7!) - 6!/5) - ((4! \times 3!! \times 2) - 1) \\
 282818 &:= (1 + 2^{3!}) + ((4 \times (5! + 6)) + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! - 5!))) + (4 - (3!^2 - 1)) \\
 282819 &:= (1 + (((2 + 3!)! - (4! - 5!)) \times 6)) - (7 - 8! - 9) &= ((9 + (8! \times 7!/6!)) - 5) + ((4! \times (3! - 2)!) - 1) \\
 282820 &:= 1 + 2 \times 3! - (4! + (5! - (6! + 7 \times 8! - 9))) &= (((9 + 8!) \times 7) - 6!) + (((5^4) - 3!) \times 2) - 1) \\
 282821 &:= (1 + 2^{3!}) + (4 \times (5! + (6 \times 7! + 8! + 9))) &= 9 - (8 + 7! - ((6^5 + 4) \times (3!^2 + 1))) \\
 282822 &:= (1 \times 2 + 3!^4) - (5 + 6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) + (((5^4) - 3!) \times 2) + 1) \\
 282823 &:= ((1 \times 2 \times (3!! - 4)) - 5!) - (6! - (7 \times 8! - 9)) &= ((9 + (8! \times 7!/6!)) - 5!) - (4! - (3!! - (2 \times 1))) \\
 282824 &:= (1 + (2 \times (3!! - 4))) - (5! + (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + 6!) - ((5 \times (4 + 3!^2)) - 1) \\
 282825 &:= ((1 - 2 \times 3!) \times 4!) + (5! + (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6! - 5)) - ((4! \times (3! + 2)) + 1) \\
 282826 &:= (1 + 2 \times 3!! - 4!) - (5! + (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6!) + (((5^4) - 3) \times 2) - 1) \\
 282827 &:= (1 - (2 + 3!) \times 4!) - (5 - (6! + (7 \times (8! + 9)))) &= (9 \times ((8 + 7!) \times 6)) + (5 \times (4^{3!}/2 - 1)) \\
 282828 &:= (1 + 2 \times 3!! - (4 + 5!)) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!) + (((5^4) - 3) \times 2) + 1) \\
 282829 &:= (1 + (((2 + 3!)! + (4 + (5! \times 6))) \times 7)) - 8!/9 &= (9 + ((8! \times 7!/6!) + 5)) + ((4! \times (3! - 2)!) - 1) \\
 282830 &:= (1 - 2^{3!}) - (4 - ((5! \times 6) + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6!) - (((5! - (4! + 3!)) \times 2) + 1) \\
 282831 &:= 1 \times 2 - (3! - (4 - (5! - (6! + 7 \times 8! - 9)))) &= ((9 + 8! \times 7) - 6) + ((5^4) - (3!^2 + 1)) \\
 282832 &:= (1 + 2 \times 3!! - (4! \times 5)) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!) + (((5^{4!/3!}) \times 2) - 1) \\
 282833 &:= (1 - (2 \times 3!! + 4!)) - (5! - (6^7 + 8!/9)) &= (9 + (8! \times 7 + (6!/5))) + (((4! - 3)^2) - 1) \\
 282834 &:= 1 - 2 \times 3! - (4 + 5! - (6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! + 5))) - (4 \times (3!^2 - 1)) \\
 282835 &:= (1 - ((2 \times 3!! \times 4!) + (5! + 6))) - ((7! - 8!) \times 9) &= (9 + (8! \times 7 + (6! - (5! + 4)))) - (3^2 + 1) \\
 282836 &:= (1 + (((2 \times 3! - 4)! + (5 + 6!)) \times 7)) - 8!/9 &= (((9 + 8!) \times 7) + 6) + (((5! + 4! \times 3!) \times 2) - 1) \\
 282837 &:= (1 - (2 + 3!) \times 4!) + (5 + (6! + (7 \times (8! + 9)))) &= (9 \times ((8 + 7!) \times 6)) + (5 \times (4^{3!}/2 + 1)) \\
 282838 &:= 1 + 2 \times 3! - (4! + (5! - (6! + (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) - 6!) + (((5^4) + 3) \times 2) - 1) \\
 282839 &:= (1 - (2 \times (3 + 4!))) - (5 - (6! + (7 \times (8! - 9)))) &= ((9 + (8! \times 7!/6!)) + 5^4) - (3!^2 - 1) \\
 282840 &:= ((1 + (2 \times (3!! + 4))) - 5!) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!) + (((5^4) + 3) \times 2) + 1) \\
 282841 &:= (1 - ((2 \times 3!! \times 4!) + 5!)) - ((6! \times 7 - 8!) \times 9) &= ((9 \times (8! - (7 \times 6!))) - 5!) - ((4! \times 3!! \times 2) - 1) \\
 282842 &:= (1 + (2 \times (3!! - 4))) - (5! + (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6!) + (((5! \times (4! - 3))/2) - 1) \\
 282843 &:= (1 - (2 \times (3! + 4!))) + (5 + (6! + (7 \times (8! - 9)))) &= (9 + (8! \times 7 + (6! - (5! - 4)))) - (3^2 + 1) \\
 282844 &:= (1 - 2 \times 3!) + (4! - (5! - (6! + 7 \times 8! - 9))) &= (((9 + 8!) \times 7) - 6!) + (((5^4) + 3!) \times 2) - 1) \\
 282845 &:= ((1 + (2 \times (3!! - 4!))) - 5) - (6! - (7 \times (8! - 9))) &= ((9 + 8! \times 7 + 6) + 5^4) - (3!^2 - 1) \\
 282846 &:= (1 + 2 \times 3!! - (4 + 5!)) - (6! - (7 \times 8! + 9)) &= (9 + (8! - 7) \times 6) + ((5 \times 4^{3!} \times 2) - 1) \\
 282847 &:= (1 - ((2 \times 3!! \times 4!) + 5!)) + (6 - ((7! - 8!) \times 9)) &= ((9 \times (8! - 7!)) + (6 - 5!)) - ((4! \times 3!! \times 2) - 1) \\
 282848 &:= 1 + 2 \times 3! + (4 - (5! - (6! + 7 \times 8! - 9))) &= (9 + (8! - 7) \times 6) + ((5 \times 4^{3!} \times 2) + 1) \\
 282849 &:= (1 - 2 \times (3!! + 4)) - (5! - (6^7 + 8!/9)) &= ((9 + (8! \times 7!/6!)) + 5^4) - ((3! - 2)! + 1) \\
 282850 &:= (1 + 2 \times 3!! - (4! \times 5)) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6! - 5!)) - ((4! + 3) \times 2 - 1) \\
 282851 &:= (1 \times 2 + (3!! + (4! - 5!))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) + (((5 - 4!) \times (3^2)) - 1) \\
 282852 &:= 1 \times 2 - (((3 - 4) + 5!) - (6! + (7 \times 8! + 9))) &= (9 + (8! - 7) \times 6) + (5 \times ((4^{3!} \times 2) + 1))
 \end{aligned}$$

$$\begin{aligned}
 282853 &:= (1 - (2 \times 3!! + 4)) - (5! - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6!) + (((5 - 4!) \times (3^2)) + 1) \\
 282854 &:= (1 + (2 \times 3!! + 4 - 5!)) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6! + 5!)) - (((4! - 3!!) \times 2) + 1) \\
 282855 &:= (1 + ((2 \times (3!! - 4!)) + 5)) - (6! - (7 \times (8! - 9))) &= (9 + (8! \times 7 + (6! - (5! + 4)))) + 3^2 + 1 \\
 282856 &:= (1 + (2 \times 3!! + (4! - 5!))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6! + 5!)) - (((4! - 3!!) \times 2) - 1) \\
 282857 &:= (1 - 2 \times 3!!) - ((4! \times 5) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - 6) + ((5! + ((4! - 3^2))) - 1) \\
 282858 &:= (((1 - 2 \times 3!!) \times 4!) - (5! + 6)) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7) + 6!) + (5 \times (4 - (3!^2 + 1))) \\
 282859 &:= (1 - (2^{3!} + 4!)) - (5 - (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6 - 5!)) + (((4! - 3^2) + 1) \\
 282860 &:= (1 - ((2 - (3^4 \times 5)) \times (6! - 7))) - 8!/9 &= (9 + (8! \times 7 + (6! - (5! + 4!)))) + (3!^2 - 1) \\
 282861 &:= (1 - (2 \times 3!! - 4)) - (5! - (6^7 + 8!/9)) &= ((9 + (8! \times 7!/6!)) + 5^4) - (3! \times 2 + 1) \\
 282862 &:= (1 - 2 \times 3!) + (4! - (5! - (6! + (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) + 6!) + ((5 \times (4 - 3!^2)) - 1) \\
 282863 &:= (1 - 2^{3!}) + (4! + (5 + (6! + (7 \times (8! - 9)))) &= (9 + (8! \times 7 + (6! - (5! - 4)))) + 3^2 + 1 \\
 282864 &:= (((1 - 2 \times 3!!) \times 4!) - 5!) - ((6! \times 7 - 8!) \times 9) &= ((9 + (8! \times 7!/6!)) + 5^4) - (3^2 + 1) \\
 282865 &:= (1 - 2 \times (3!! - 4)) - (5! - (6^7 + 8!/9)) &= (((9 + 8!) \times 7!/6!) + 5!) + (((4! - 3^2) + 1) \\
 282866 &:= 1 + 2 \times 3! + (4 - (5! - (6! + (7 \times 8! + 9)))) &= ((9 + 8!) \times 7) - (((6 - ((5! - 4!) \times 3)) \times 2) + 1) \\
 282867 &:= 1 - 2 \times 3! - (4! - (5 + (6! + (7 \times (8! - 9)))) &= ((9 + 8! \times 7 + 6) + 5^4) - (3! \times 2 + 1) \\
 282868 &:= 1 + 2 \times 3! + (4! - (5! - (6! + 7 \times 8! - 9))) &= (((9 + 8!) \times 7) + 6!) + (5 \times (4 - (3!^2 - 1))) \\
 282869 &:= (1 - (2^{3!} + 4!)) + (5 + (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! - 5!)) - (4! + (3^2 + 1)) \\
 282870 &:= ((1 + ((2 - 3!) \times (4! - 5!))) \times 6!) + ((7!/8) \times 9) &= ((9 + 8! \times 7 + 6) + 5^4) - (3^2 + 1) \\
 282871 &:= 1 \times 2^{3!} - (4! + (5! - (6! + 7 \times 8! - 9))) &= (((9 + 8!) \times 7) + 6 + 5!) + (((4! - 3^2) + 1) \\
 282872 &:= (1 + 2^{3!}) - (4! + (5! - (6! + 7 \times 8! - 9))) &= (9 + (8! \times 7 + (6! + 5!))) - ((4! \times (3^2)) + 1) \\
 282873 &:= ((1 \times 2^{3!}) \times 4!) - (5! + (6! - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7!/6!) - 5) + ((4! \times (3! - 2)!) - 1) \\
 282874 &:= (1 - (2 \times (3 - 4!))) - (5! - (6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! + 5!))) - ((4! \times (3^2)) - 1) \\
 282875 &:= (1 \times 2 + (3!^4 + 5!)) - (6! - (7 \times (8! - 9))) &= (((9 + 8!) \times 7!/6!) - 5) + ((4! \times (3! - 2)!) + 1) \\
 282876 &:= (1 - ((2^{3!} \times 4!) + (5 - 6^7))) + 8!/9 &= (9 + (8! \times 7 + (6! - (5! - 4)))) + ((3! - 2)! - 1) \\
 282877 &:= (1 - (2^{3!} + 4!)) - (5 - (6! + (7 \times 8! + 9))) &= ((9 \times (8! - (7! + 6))) - 5) - (4! \times (3!! \times 2 + 1)) \\
 282878 &:= 1 \times 2 + (3 - (((4 - 5!) \times 6) - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + (6! - 5)) - (4 \times (3!^2 - 1)) \\
 282879 &:= (1 + 2 \times 3!! - 4!) + (5 - (6! - (7 \times (8! - 9)))) &= 9 + 8! - (7 \times (6 - (5! + (4! \times (3!! \times 2 - 1)))) \\
 282880 &:= ((1 + 2 \times 3!) \times 4) \times ((5 \times 6! + (7! + 8!))/9) &= (((9 + 8!) \times 7) + 6!) + (5 - (4 \times (3!^2 + 1))) \\
 282881 &:= (1 - 2 \times 3!! + 4!) - (5! - (6^7 + 8!/9)) &= ((9 + 8! \times 7) - 6) + ((5^4) + (3! \times 2 + 1)) \\
 282882 &:= (1 - 2^{3!}) - (((4 - 5!) \times 6) - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! - 5!))) - (4 - (3!^2 + 1)) \\
 282883 &:= ((1 + 2 \times 3!) \times 4) - (5! - (6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! - 5!))) + (4! + (3^2 + 1)) \\
 282884 &:= (1 - 2^{3!}) - (4 - ((5! \times 6) + 7 \times 8! - 9)) &= ((9 + (8! \times 7!/6!)) + 5^4) + 3^2 + 1 \\
 282885 &:= (1 + (2 \times (3!! - 4))) - (5 + 6! - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6) + ((5^4) - (3!^2 + 1)) \\
 282886 &:= (1 - (2^{3!} \times 4!)) + (5 + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! - (5! + 4))) - (3! \times 2 + 1) \\
 282887 &:= (1 - (2 \times (3! + 4!))) - (5 - (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6!/5)) + (((4! - 3^2) - 1) \\
 282888 &:= 1 - 2 \times 3! - (4 + 5! - (6! + (7 \times (8! + 9)))) &= (9 + 8 \times 7! \times 6) + ((5 \times 4^{3!} \times 2) - 1) \\
 282889 &:= 1 + 2 \times 3!! + ((4^5 + (6 \times 7! + 8)) \times 9) &= (((9 + 8!) \times 7) + (6! - (5! + 4))) - (3^2 + 1) \\
 282890 &:= (1 + 2^{3!}) - (4! + (5! - (6! + (7 \times 8! + 9)))) &= ((9 + 8! \times 7 + 6) + 5^4) + 3^2 + 1
 \end{aligned}$$

$$\begin{aligned}
 282891 &:= 1 + 2 \times 3! - (4! - (5 + (6! + (7 \times (8! - 9)))))) &= ((9 + 8! - 7) \times 6) + ((5 \times 4^{3!} \times 2) - 1) \\
 282892 &:= (1 - 2^{3!}) + (4 + ((5! \times 6) + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! - (5! + 4!))) + (3! \times 2 + 1) \\
 282893 &:= (1 - (2 \times (3 + 4!))) - (5 - (6! + 7 \times 8! - 9)) &= ((9 + 8! - 7) \times 6) + ((5 \times 4^{3!} \times 2) + 1) \\
 282894 &:= (1 + (2 \times (3!! - (4! + 5)))) - (6! - (7 \times 8! - 9)) &= (9 + 8 \times 7! \times 6) + (5 \times ((4^{3!} \times 2) + 1)) \\
 282895 &:= (1 - ((2 \times 3!! \times 4!) + 5!)) + ((6 - (7! - 8!)) \times 9) &= (9 + (((8!/7!)^6) + 5)) + (((4! \times 3!)^2) + 1) \\
 282896 &:= (1 + 2^{3!}) - ((4! \times 5) - (6! + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6! + 5!)) + (((4! + 3!) \times 2) - 1) \\
 282897 &:= (1 - (2 \times (3!! \times 4! + 5))) - (((6 + 7!) - 8!) \times 9) &= (((9 + 8!) \times 7) + (6! - (5! - 4!))) - (3^2 + 1) \\
 282898 &:= ((1 + (2 \times (3!! + 4!))) - 5!) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! + 5!)) + (((4! + 3!) \times 2) + 1) \\
 282899 &:= (((1 - 2^{3!}) \times 4!) - (5 - 6^7)) + 8!/9 &= (((9 + 8!) \times 7) + 6) + 5^4 - (3!^2 - 1) \\
 282900 &:= (1 + 2^{3!}) + (4 - (5! - (6! + 7 \times 8! - 9))) &= ((9 \times (8! - (7! + 6))) - 5) - ((4! \times 3!! \times 2) + 1) \\
 282901 &:= (((1 + (2 \times (3!! + 4!))) \times 5) + 6^7) - 8!/9 &= (9 + (8! \times 7 + (6! - 5!))) + (4 \times (3! \times 2 + 1)) \\
 282902 &:= (1 - ((2 \times 3!! \times 4!) + 5)) - (((6 + 7!) - 8!) \times 9) &= (9 + (8! \times 7 + (6! - 5!))) + ((4! + 3) \times 2 - 1) \\
 282903 &:= (1 - (2 \times (3 + 4!))) + (5 + (6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! - (5 + 4!)))) - (3!^2 + 1) \\
 282904 &:= (1 - (2 \times (3! \times (4 - 5!)))) - (6! - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! - (5!/4)))) - (3!^2 - 1) \\
 282905 &:= (1 - (2 \times (3!! - 4!))) - (5! - (6^7 + 8!/9)) &= ((9 + 8! \times 7) - 6) + ((5^4) + (3!^2 + 1)) \\
 282906 &:= 1 + 2 \times 3! - (4 - ((5! \times 6) + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - (6! + (5! - 4))) + 3!! \times 2 - 1 \\
 282907 &:= (1 - (2 \times (3! \times (4! \times 5!)))) - (((6 + 7!) - 8!) \times 9) &= (9 \times (8! - (7! + 6))) - ((5! \times (4! \times 3! \times 2)) - 1) \\
 282908 &:= (((1 + 2 \times 3!) \times (4 - 5!)) + 6^7) + 8!/9 &= (9 + (8! \times 7 + (6 \times 5! - 4!))) - (3!^2 + 1) \\
 282909 &:= (((1 - 2^{3!}) \times 4!) + (5 + 6^7)) + 8!/9 &= (((9 + 8!) \times 7) + (6! - (5! + 4))) + 3^2 + 1 \\
 282910 &:= (1 - (2 \times 3^4)) + (5! + (6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + (6 \times 5! - 4!))) - (3!^2 - 1) \\
 282911 &:= 1 - 2 \times 3! - (4! + (5 - (6! + 7 \times 8! - 9))) &= (9 \times (8! - (7! + 6))) - (5 \times (((4!^3)/2) - 1)) \\
 282912 &:= (1 - (2 \times 3!! \times 4! - 5)) - (((6 + 7!) - 8!) \times 9) &= ((9 + 8! \times 7) - 6!) - (((5 + 4!) - 3!) \times 2) - 1) \\
 282913 &:= (1 \times 2 \times (3!! - (4! - 5))) - (6! - (7 \times 8! - 9)) &= (((9 \times 8) + 7) \times (6! \times 5)) - (((4! + 3!) \times 2) - 1) \\
 282914 &:= (1 + (2 \times (3!! - (4! - 5)))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! - (5! + 4!))) + (3!^2 - 1) \\
 282915 &:= (1 - (2 \times (3! + 4!))) + (5 + (6! + (7 \times 8! + 9))) &= ((9 + 8! \times 7 + 6) + 5^4) + (3!^2 - 1) \\
 282916 &:= (1 - (2 \times 3!! \times 4!)) - (((5 + (6! \times 7)) - 8!) \times 9) &= (((9 + 8!) \times 7) + (6! - (5! + 4!))) + 3!^2 + 1 \\
 282917 &:= (1 - (2 \times (3!! \times 4! - 5))) - (((6 + 7!) - 8!) \times 9) &= (((9 + 8!) \times 7) + (6! - (5! - 4))) + 3^2 + 1 \\
 282918 &:= (((1 - 2 \times 3!!) \times 4!) - 5!) + ((6 - (7! - 8!)) \times 9) &= (((9 + 8!) \times 7!/6!) + 5^4) - (3^2 + 1) \\
 282919 &:= ((1 - (2 \times (3!! + 4! + 5))) + 6^7) + 8!/9 &= (((9 + 8!) \times 7) + (6! - 5)) - (((4 + 3!)^2) - 1) \\
 282920 &:= (1 + (2^{3!} + 4!)) - (5! - (6! + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6 \times 5!)) - (((4! - 3!) \times 2) + 1) \\
 282921 &:= (1 - (2 \times (3!! \times 4! + 5!/6))) - ((7! - 8!) \times 9) &= (9 + (8! \times 7 + (6! + 5))) - ((4! + 3) \times 2 - 1) \\
 282922 &:= (1 - (2 \times (3! \times (4 - 5!)))) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6 \times 5!)) - (((4! - 3!) \times 2) - 1) \\
 282923 &:= (1 + 2 \times 3!! - (4! + 5)) - (6! - (7 \times 8! - 9)) &= (9 \times (8! - 7!)) - (((6 \times 5!)/4) + 3!^2) + 1) \\
 282924 &:= (1 - (2 \times (3!! + 4!))) - (5 - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6) + 5^4 - (3^2 + 1) \\
 282925 &:= (((1 - 2 \times 3!!) \times 4!) - 5) - (((6 + 7!) - 8!) \times 9) &= ((9 + 8! \times 7) - 6! + 5) - (((4! - 3!) \times 2) + 1) \\
 282926 &:= (((1 + (2 + 3!))! - (4 - 5!)) \times 6) - (7 - 8! + 9) &= (((9 + 8!) \times 7) + (6! + 5!)) - ((4! \times (3^2)) + 1) \\
 282927 &:= (1 + ((2 \times (3!! - 4!)) + 5)) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6! + 5) - (((4! - 3!) \times 2) - 1) \\
 282928 &:= (1 + 2 \times 3!!) - (((4 + 5!) \times 6) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! + 5!)) - ((4! \times (3^2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 282929 &:= ((1 - (2 \times (3! \times (4 + 5)))) + 6^7) + 8!/9 &= (9 + (8! \times 7 + (6! - (5!/4)))) - (3^2 + 1) \\
 282930 &:= (1 - 2^{3!}) + (((4 + 5!) \times 6) + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! - 5))) - (4! + (3^2 + 1)) \\
 282931 &:= (1 - (2^{3!} + 4!)) - (5 - (6! + (7 \times (8! + 9)))) &= (9 + (8! \times 7 + (6! - 5))) + (4 - (3!^2 + 1)) \\
 282932 &:= (1 + 2 \times 3!) \times (4 - (((5! \times 6!) - (7 \times 8!)) / 9)) &= (9 + ((8! + 7) \times 6)) + ((5 \times 4^{3!} \times 2) + 1) \\
 282933 &:= (1 + 2 \times 3!! - 4!) + (5 - (6! - (7 \times 8! - 9))) &= ((9 + 8 \times 7!) \times 6) + ((5 \times 4^{3!} \times 2) - 1) \\
 282934 &:= (1 - (2 \times (3!! + 4!))) + (5 + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! - 5!)) - (4 - (3!^2 - 1)) \\
 282935 &:= (((1 - 2 \times 3!!) \times 4!) + 5) - (((6 + 7!) - 8!) \times 9) &= (9 + (8! \times 7 + (6 \times 5! - 4!))) - (3^2 + 1) \\
 282936 &:= 1 - 2 \times 3! - (4 - ((5! \times 6) + 7 \times 8! - 9)) &= (9 + ((8! + 7) \times 6)) + (5 \times ((4^{3!} \times 2) + 1)) \\
 282937 &:= (1 \times 2 + 3!!) + (4 - (5!/6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + (6! - 5!)) + (4! + (3^2 + 1)) \\
 282938 &:= (1 + (2^{3!} + 4!)) - (5! - (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7! / 6!) + 5^4) + 3^2 + 1 \\
 282939 &:= ((1 - 2 \times 3!!) \times 4!) - (((5 + (6! \times 7)) - 8!) \times 9) &= ((9 + 8 \times 7!) \times 6) + (5 \times ((4^{3!} \times 2) + 1)) \\
 282940 &:= 1 + 2 \times 3! - (((4 - 5!) \times 6) - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! + 5))) - (4! + (3^2 + 1)) \\
 282941 &:= (1 - (2 \times 3!! \times 4!)) - (5!/6 + ((7! - 8!) \times 9)) &= (9 + (8! \times 7 + (6! + 5))) + (4 - (3!^2 + 1)) \\
 282942 &:= 1 \times 2^{3!} - (4! - (5 + (6! + (7 \times (8! - 9)))))) &= (((9 + 8!) \times 7) + (6! - (5! - 4))) + (3!^2 - 1) \\
 282943 &:= (1 + 2 \times 3!! - 4) - (5 + 6! - (7 \times 8! - 9)) &= (9 \times (8! - 7!) - 6!) - (((5! + 4^3)^2) + 1) \\
 282944 &:= (1 + (2 \times (3!! - 4))) - ((5! \times 6) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) + 5^4 + 3^2 + 1 \\
 282945 &:= (1 - ((2 \times (3!! \times 4! + 5)) + 6)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - 6!) - (((5! + 4^3)^2) - 1) \\
 282946 &:= (1 + 2 \times 3!!) - (((4 + 5!) \times 6) - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - ((6 \times 5!) + 4!)) + (3!! \times 2 + 1) \\
 282947 &:= (1 + (2 \times (3 + 4!))) - (5 - (6! + (7 \times (8! - 9)))) &= (9 \times (8! - 7!)) - (((6! / 5!) + 4! \times 3!!) \times 2) + 1) \\
 282948 &:= (1 - (2 \times 3!! + 4!)) - (5 - (6^7 + 8!/9)) &= (9 \times (8! - 7!) - 6) - (5 + ((4! \times 3!! \times 2) + 1)) \\
 282949 &:= (1 + (2 \times (3!! - 4))) + (5 - (6! - (7 \times 8! - 9))) &= (9 + (8! \times 7 + (6! - (5!/4)))) + 3^2 + 1 \\
 282950 &:= (1 - ((2 \times 3!! \times 4!) + 5)) - (6 + ((7! - 8!) \times 9)) &= (9 + (8! \times 7 + (6! - (5 + 4!)))) + 3^2 + 1 \\
 282951 &:= (1 - (2 \times (3!! \times 4! + 5))) - ((6! \times 7 - 8!) \times 9) &= 9 + 8! - 7 + ((6 \times (5! + ((4!/3!) - 2))) + 1) \\
 282952 &:= (1 - 2 \times 3!!) + (4! \times 5! - (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6) + ((5 \times ((4! \times 3!) - 2)) - 1) \\
 282953 &:= (1 + 2 \times 3!! - 4) + (5 - (6! - (7 \times 8! - 9))) &= (9 + (8! \times 7 + (6! - (5 - 4!)))) - (3!^2 - 1) \\
 282954 &:= 1 - 2 \times 3! - (4 - ((5! \times 6) + (7 \times 8! + 9))) &= ((9 + 8! \times 7) - 6) + ((5 \times ((4! \times 3!) - 2)) + 1) \\
 282955 &:= (1 - (2 \times (3! \times (4! \times 5!)))) - (6 + ((7! - 8!) \times 9)) &= (9 + (8! \times 7 + (6 \times 5! - 4))) - (3^2 + 1) \\
 282956 &:= (1 - (2 \times 3!! \times 4!)) - (5 + ((6! \times 7 - 8!) \times 9)) &= (9 + 8 \times 7!) + ((6 \times (5! + ((4!/3!) - 2))) - 1) \\
 282957 &:= (1 - (2 \times (3!! \times 4! + 5))) + (6 - ((7! - 8!) \times 9)) &= (((9 + 8!) \times 7) + (6! - (5 + 4!))) - (3!^2 + 1) \\
 282958 &:= (1 - (2 \times 3!! + 4!)) + (5 + (6^7 + 8!/9)) &= ((9 + 8! \times 7) - 6!) - (((5! / 4! - 3!!) \times 2) + 1) \\
 282959 &:= (1 - 2 \times 3!) + (4! - (5 - (6! + 7 \times 8! - 9))) &= (9 \times (8! - 7!) - 6) - (5 \times (((4!^3) / 2) - 1)) \\
 282960 &:= (1 - (2 \times 3!! \times 4! - 5)) - (6 + ((7! - 8!) \times 9)) &= ((9 + 8! \times 7) - (6! + 5)) + (4 \times (3!! / 2 - 1)) \\
 282961 &:= (1 + (2 \times 3!! + 4)) + (5 - (6! - (7 \times 8! - 9))) &= (((9 \times (8! / 7)) + 6!) \times 5) + (((4! / 3!) / 2) + 1) \\
 282962 &:= (1 - ((2 \times 3!! \times 4!) + 5)) + (6 - ((7! - 8!) \times 9)) &= (((9 + 8!) \times 7) + (6 \times 5! - 4!)) - (3!^2 + 1) \\
 282963 &:= 1 + 2 \times 3! - (4! - (5 + (6! + (7 \times 8! + 9)))) &= (9 + (8! \times 7 + ((6 \times 5!) + 4))) - (3^2 + 1) \\
 282964 &:= ((1 - 2 \times 3!!) \times 4!) - (5!/6 + ((7! - 8!) \times 9)) &= (((9 + 8!) \times 7) + (6 \times 5! - 4!)) - (3!^2 - 1) \\
 282965 &:= (1 - (2 \times (3!! \times 4! - 5))) - (6 + ((7! - 8!) \times 9)) &= (9 + (8! + 7)) + ((6 \times (5! + ((4!/3!) - 2))) + 1) \\
 282966 &:= (1 - (2 \times 3!! \times 4!)) + (5 - ((6! \times 7 - 8!) \times 9)) &= (9 + 8! \times 7 + 6) + ((5 \times ((4! \times 3!) - 2)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 282967 &:= (1 + (2 \times (3 - (4! \times 5! \times 6)))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - (((6 \times (5! \times 4!)) - 3) \times 2) - 1 \\
 282968 &:= (1 - (2 \times 3!! + 4)) - (5 - (6^7 + 8!/9)) &= (9 + (8! + 7!)) + (((6! \times 5) \times ((4^3) + 2)) - 1) \\
 282969 &:= (1 + (((2 + 3!)! + ((4 + 5!) \times 6)) \times 7)) - 8!/9 &= (9 - (8! - 7!)) + ((6 \times 5!) \times (((4! - 3)^2) + 1)) \\
 282970 &:= (1 - 2 \times 3!!) + (4! \times 5! - (6! - (7 \times 8! + 9))) &= (9 + (8! + 7!)) + (((6! \times 5) \times ((4^3) + 2)) + 1) \\
 282971 &:= (1 + 2 \times 3!) \times ((4! \times 5! \times 6) + (7 + 8!/9)) &= ((9 \times (8! - 7!)) + 6) - (5 \times (((4!^3)/2) - 1)) \\
 282972 &:= (1 - (2 \times 3!! \times 4! - 5)) + (6 - ((7! - 8!) \times 9)) &= ((9 \times (8! - 7!)) + 6) + (5 - ((4! \times 3!! \times 2) - 1)) \\
 282973 &:= (((1 - 2 \times 3!!) \times 4!) - 5) - (6 + ((7! - 8!) \times 9)) &= 9 + 8! - 7 + ((6 \times (5! + ((4!/3)! + 2))) - 1) \\
 282974 &:= (1 - 2 \times (3!! + 4)) + (5 + (6^7 + 8!/9)) &= (9 + (8! \times 7 + (6! - (5!/4)))) + (3!^2 - 1) \\
 282975 &:= ((1 + ((2 + 3!)! + ((4 + 5!) \times 6))) \times 7) - 8!/9 &= (9 + (8! \times 7 + (6 \times 5! - 4))) + 3^2 + 1 \\
 282976 &:= (1 - (2 \times 3!! - 4)) - (5 - (6^7 + 8!/9)) &= (9 + (8! \times 7 + (6! - (5!/4)))) + 3!^2 + 1 \\
 282977 &:= (1 - ((2 \times (3!! \times 4! - 5)) - 6)) - ((7! - 8!) \times 9) &= ((9 + (8! + 7)) \times 6) + ((5 \times 4^{3!} \times 2) + 1) \\
 282978 &:= (1 - (2 \times 3!! + 4)) + (5 + (6^7 + 8!/9)) &= (9 + (8! \times 7 + (6! - (5 - 4!)))) - (3^2 + 1) \\
 282979 &:= ((1 - 2 \times 3!!) \times 4!) - (5 + ((6! \times 7 - 8!) \times 9)) &= (((9 + 8!) \times 7) - 6! + 5) - (((4! - 3!!) \times 2) + 1) \\
 282980 &:= (1 - 2 \times (3!! - 4)) - (5 - (6^7 + 8!/9)) &= (9 + 8 \times 7!) + ((6 \times (5! + ((4!/3)! + 2))) - 1) \\
 282981 &:= (1 - (2 \times 3!! \times 4!)) + (5!/6 - ((7! - 8!) \times 9)) &= ((9 + (8! + 7)) \times 6) + (5 \times ((4^{3!} \times 2) + 1)) \\
 282982 &:= (1 - 2 \times 3!) + (((4 + 5!) \times 6) + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6 \times 5! - 4)) - (3!^2 + 1) \\
 282983 &:= (((1 - 2 \times 3!!) \times 4!) + 5) - (6 + ((7! - 8!) \times 9)) &= (9 + (8! \times 7 + ((6 \times 5!) + 4))) + 3^2 + 1 \\
 282984 &:= (1 - (2^{3!} + 4!)) + (5! + (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! - 5)) - (4! + (3^2 + 1)) \\
 282985 &:= (((1 - 2 \times 3!!) \times 4!) - 5) + (6 - ((7! - 8!) \times 9)) &= (((9 + 8!) \times 7) + (6! - 5)) + (4 - (3!^2 + 1)) \\
 282986 &:= (1 - (2 \times 3!! - 4)) + (5 + (6^7 + 8!/9)) &= ((9 + 8! \times 7) - 6) - (5! - ((4! \times (3!^2)) - 1)) \\
 282987 &:= (1 + 2^{3!}) - (4! + (5 - (6! + 7 \times 8! - 9))) &= (9 + (8! + 7)) + ((6 \times (5! + ((4!/3)! + 2))) - 1) \\
 282988 &:= 1 + 2 \times 3! + (((4 + 5!) \times 6) + 7 \times 8! - 9) &= (9 + (8! \times 7 + (6! + 5 + 4!))) - (3^2 + 1) \\
 282989 &:= ((1 - 2 \times 3!!) \times 4!) + (5 - ((6! \times 7 - 8!) \times 9)) &= (((9 + 8!) \times 7) + (6 \times 5! - 4)) - (3^2 + 1) \\
 282990 &:= (1 - 2 \times (3!! - 4)) + (5 + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + ((6 \times 5!) + 4)) - (3!^2 + 1) \\
 282991 &:= (1 + (2^{3!} + 4!)) + (5 + (6! + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + (6! + (5 - 4!))) - (3! \times 2 + 1) \\
 282992 &:= (1 + 2^{3!}) - (((4 - 5!) \times 6) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + ((6 \times 5!) + 4)) - (3!^2 - 1) \\
 282993 &:= 1 + 2 \times 3! + (4! + (5 + (6! + 7 \times 8! - 9))) &= (((9 + 8!) \times 7) - (6! + 5)) - (4! - (3!! \times 2 - 1)) \\
 282994 &:= (1 + (2 \times 3^4)) - (5! - (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! + 5)) - (4! + (3^2 + 1)) \\
 282995 &:= (((1 - 2 \times 3!!) \times 4!) + 5) + (6 - ((7! - 8!) \times 9)) &= (9 \times (8! - 7!)) - ((6 \times (((5! \times 4!) - 3) \times 2)) + 1) \\
 282996 &:= (1 - 2 \times 3!! + 4!) - (5 - (6^7 + 8!/9)) &= (9 \times (8! - 7!)) + (6 \times (5 - ((4 \times 3!! \times 2) - 1))) \\
 282997 &:= (1 + (2 \times ((3 - 4! \times 5!) \times 6))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - ((6 \times (((5! \times 4!) - 3) \times 2)) - 1) \\
 282998 &:= ((1 + 2 \times 3!) \times 4) - (5 - (6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! - 5))) + (4! + (3^2 + 1)) \\
 282999 &:= (1 - (2 \times (3 - 4!))) + (5 + (6! + 7 \times 8! - 9)) &= (9 + 8! - 7!) + ((6! - (5!/4)) \times (3!!/2 - 1)) \\
 283000 &:= (1 + (2 + 3!)) - (((4! - (5! + 6 \times 7!)) \times 8) + 9) &= (9 + (8! \times 7 + (6 \times 5! - 4))) + (3!^2 - 1)
 \end{aligned}$$

2.1.4 Numbers From 283001 to 284000

$$283001 := (1 - (2 \times (3!! \times 4! - (5!/6)))) - ((7! - 8!) \times 9) = (9 + (8! \times 7 + (6! - (5 - 4!)))) + (3! \times 2 + 1)$$

$$\begin{aligned}
 283002 &:= (1 - (2^{3!} + 4!)) + (5! + (6! + (7 \times 8! + 9))) &= (9 \times (8! - 7!)) - (6 \times (((5! \times 4!) - 3) \times 2) - 1) \\
 283003 &:= (((1 \times 2 + 3!)! + (4! + (5 + 6!))) \times 7) - 8!/9 &= (((9 + 8!) \times 7) + (6! + 5!)) - (4 \times (3!^2 - 1)) \\
 283004 &:= (((1 - 2 \times 3!!) \times 4!) + 5!/6) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7) + (6! - (5 + 4!))) + 3^2 + 1 \\
 283005 &:= (1 - (2 \times (3!! \times 4! + 5))) + ((6 - (7! - 8!)) \times 9) &= (9 + (8! \times 7 + (6! + 5!))) - (4 - (3!^2 - 1)) \\
 283006 &:= (1 - (2 \times 3!! \times 4!)) + ((5 - (6! \times 7 - 8!)) \times 9) &= (((9 + 8!) \times 7) - 6) + ((5 \times ((4! \times 3!) - 2)) - 1) \\
 283007 &:= (1 + (2 \times (3! + 4!))) - (5 - (6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! + 5!))) - (4 - (3!^2 + 1)) \\
 283008 &:= ((1 + 2 \times 3!) \times 4) + (5 + (6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! + 5!))) + (4! + (3^2 + 1)) \\
 283009 &:= (1 \times 2 \times (3!! + 4! + 5)) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6 \times 5! - 4)) - (3^2 + 1) \\
 283010 &:= (1 - ((2 \times 3!! \times 4!) + 5)) + ((6 - (7! - 8!)) \times 9) &= (9 + (8! \times 7 + ((6 \times 5!) + 4))) + 3!^2 + 1 \\
 283011 &:= (1 + (2 \times (3 + 4!))) + (5 + (6! + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) - (5! - (4! \times (3!^2 + 1))) \\
 283012 &:= (1 + 2^{3!}) - (4 - ((5! \times 6) + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!) - (((5!/4! - 3!!) \times 2) + 1) \\
 283013 &:= (1 + (2 \times (3!! + 4!))) - (5 + 6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! + 5!)) + (((4! + 3!!) \times 2) + 1) \\
 283014 &:= (1 + 2 \times 3!! - (4 - 5!)) - (6! - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6! + (5 - 4!))) + 3^2 + 1 \\
 283015 &:= (1 - (2 \times (3! \times (4! \times 5!)))) + ((6 - (7! - 8!)) \times 9) &= (((9 + 8!) \times 7) + (6! + 5 + 4!)) - (3!^2 + 1) \\
 283016 &:= ((1 + 2 \times 3!) \times 4) - (5 - (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6! + (5!/4))) - (3!^2 + 1) \\
 283017 &:= (1 + (2 \times (3! + 4!))) + (5 + (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + ((6 \times 5!) + 4)) - (3^2 + 1) \\
 283018 &:= (1 + (2 + 3!)) - (((4! - (5! + 6 \times 7!)) \times 8) - 9) &= (((9 + 8!) \times 7) + (6! + (5!/4))) - (3!^2 - 1) \\
 283019 &:= (1 + (2 \times (3 + 4!))) - (5 - (6! + (7 \times 8! + 9))) &= (9 \times (8! - (7! - 6))) - (5 \times (((4!^3)/2) - 1)) \\
 283020 &:= (1 - (2 \times 3!! \times 4! - 5)) + ((6 - (7! - 8!)) \times 9) &= (((9 + 8!) \times 7) + 6) + ((5 \times ((4! \times 3!) - 2)) + 1) \\
 283021 &:= (1 + (2 \times (3!! - 4))) + (5 - (6! - (7 \times (8! + 9)))) &= ((9 + 8! \times 7) - 6! + 5) + (((4! + 3!!) \times 2) - 1) \\
 283022 &:= (1 - 2^{3!}) - (4 - (5! + (6! + (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) - 6!/5) + ((4! \times (3!^2)) - 1) \\
 283023 &:= (1 + ((2 \times (3!! + 4!)) + 5)) - (6! - (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) - (5! - (4! \times (3!^2 + 1))) \\
 283024 &:= ((1 - 2^{3!}) \times 4!) + (5! + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - 6!/5) + ((4! \times (3!^2)) + 1) \\
 283025 &:= (1 - (2 \times (3!! \times 4! - 5))) + ((6 - (7! - 8!)) \times 9) &= (9 + (8! \times 7 + (6! - (5 - 4!)))) + 3!^2 + 1 \\
 283026 &:= ((1 + 2 \times 3!) \times 4) + (5 + (6! + (7 \times 8! + 9))) &= (9 \times (8! - 7!)) - (6 \times (((5! \times 4!) - 3!) \times 2) + 1) \\
 283027 &:= (1 - (2 \times 3!! \times 4! - 5!)) - (((6 + 7!) - 8!) \times 9) &= (9 + (8! \times 7 + (6! + 5!))) + ((4! + 3) \times 2 - 1) \\
 283028 &:= (1 + (2 \times (3!! + 4! + 5))) - (6! - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! + (5! - 4!)))) - (3!^2 + 1) \\
 283029 &:= ((1 - 2 \times 3!!) \times 4!) + ((5 - (6! \times 7 - 8!)) \times 9) &= (((9 + 8!) \times 7) + (6 \times 5! - 4)) + 3^2 + 1 \\
 283030 &:= (1 - (2 \times (3!! - 4!))) + (5 + (6^7 + 8!/9)) &= (9 + (8! \times 7 + (6! + (5! - 4!)))) - (3!^2 - 1) \\
 283031 &:= (1 - 2 \times 3!) + (4! - (5 - (6! + (7 \times (8! + 9)))))) &= (9 \times (8 + 7!)) + (((6! \times 5) \times ((4^3) + 2)) - 1) \\
 283032 &:= (1 - 2^{3!}) + (4! + (5! + (6! + 7 \times 8! - 9))) &= (((9 + 8!) \times 7) + (6! - (5 - 4!))) - (3^2 + 1) \\
 283033 &:= (1 - (2 \times (3! \times (4! \times 5! - 6)))) - ((7! - 8!) \times 9) &= (9 \times (8 + 7!)) + (((6! \times 5) \times ((4^3) + 2)) + 1) \\
 283034 &:= (1 + (2^{3!} \times 4)) - (5! - (6! + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + (6 \times 5! - 4!)) + (3!^2 - 1) \\
 283035 &:= ((1 - (2 \times (3!! - (4! + 5)))) + 6^7) + 8!/9 &= (9 + (8! \times 7 + (6! + 5 + 4!))) + 3!^2 + 1 \\
 283036 &:= 1 - 2 \times 3! - (4! - (5! + (6! + 7 \times 8! - 9))) &= (9 + (8! \times 7 + (6! + 5!))) - ((4! + 3) \times 2 - 1) \\
 283037 &:= ((1 + 2^{3!}) \times 4) - (5! - (6! + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + ((6 \times 5!) + 4)) + 3^2 + 1 \\
 283038 &:= (1 + 2^{3!}) + (4 + ((5! \times 6) + (7 \times 8! + 9))) &= (9 \times (8! - 7!)) - (6 \times (((5! \times 4!) - 3!) \times 2) - 1) \\
 283039 &:= 1 \times 2^{3!} + (((4 + 5!) \times 6) + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6! + (5 - 4!))) + (3!^2 - 1)
 \end{aligned}$$

$$\begin{aligned}
 283040 &:= (1 + 2^{3!}) + (((4 + 5!) \times 6) + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6) - (5! - ((4! \times (3!^2)) - 1)) \\
 283041 &:= (1 - 2 \times 3!) + (4! + (5 + (6! + (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7) + (6! + (5 - 4!))) + 3!^2 + 1 \\
 283042 &:= (1 + ((2 \times (3!! - 4!)) + 5!)) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6! + 5 + 4!)) - (3^2 + 1) \\
 283043 &:= (((1 - 2 \times 3!!) \times 4!) + 5) + ((6 - (7! - 8!)) \times 9) &= (((9 + 8!) \times 7) + (6! + (5!/4))) - (3^2 + 1) \\
 283044 &:= 1 \times 2^{3!} + (4! + (5 + (6! + 7 \times 8! - 9))) &= ((9 + (8! + 7!)) \times 6) + ((5!/4) \times (3!!/2 + 1)) \\
 283045 &:= (1 + (2^{3!} + 4!)) + (5 + (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! - 5!)) + ((4! \times 3!) - (2 \times 1)) \\
 283046 &:= 1 \times 2 + (3 + (4! + (5! + (6! + (7 \times (8! - 9)))))) &= 9 + 8! - ((7 \times (6 - (5! + (4! \times 3!! \times 2)))) + 1) \\
 283047 &:= (1 \times 2 + 3^4) - (5 - (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6!/5) + (4! \times (3!^2 + 1)) \\
 283048 &:= (1 + 2 \times 3!! - (4! - 5!)) - (6! - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! + (5! - 4)))) - (3!^2 + 1) \\
 283049 &:= (1 - (2 \times (3!! + 4!))) + (5! + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! - 5)) - (4 - (3!^2 - 1)) \\
 283050 &:= (((1 - 2 \times 3!!) \times 4!) + 5!) - (((6 + 7!) - 8!) \times 9) &= (9 + (8! \times 7 + (6! + (5! - 4)))) - (3!^2 - 1) \\
 283051 &:= 1 \times 2 - (3 - (4! + (5 + (6! + (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7) + (6! - 5)) - (4 - (3!^2 + 1)) \\
 283052 &:= (((1 - 2 \times 3!) \times (4 + 5!)) + 6^7) + 8!/9 &= (((9 + 8!) \times 7) + (6! - 5)) + (4! + (3^2 + 1)) \\
 283053 &:= (1 + ((2^{3!} \times 4!) + 5)) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6! + 5) + (4! + (3!! \times 2 + 1)) \\
 283054 &:= 1 - 2 \times 3! - (4! - (5! + (6! + (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) + (6 \times 5! - 4)) + (3!^2 - 1) \\
 283055 &:= (1 + (2 \times 3^4)) - (5 - (6! + (7 \times (8! - 9)))) &= (9 + (8! \times 7 + (6! + 5!))) - (4! + (3^2 + 1)) \\
 283056 &:= 1 - 2 \times 3! - (4 - (5! + (6! + 7 \times 8! - 9))) &= (9 + (8! \times 7 + (6! + 5!))) + (4 - (3!^2 + 1)) \\
 283057 &:= 1 \times 2^{3!} + (((4 + 5!) \times 6) + (7 \times 8! + 9)) &= (((9 + 8! \times 7) - 6) - (5^4)) + 3!! \times 2 - 1 \\
 283058 &:= (1 + 2^{3!}) + (((4 + 5!) \times 6) + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! + 5!))) + (4 - (3!^2 - 1)) \\
 283059 &:= (1 + 2^{3!}) - (4! + (5 - (6! + (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7) + (6! + 5)) - (4 - (3!^2 - 1)) \\
 283060 &:= 1 + 2 \times 3! - (4! - (5! + (6! + 7 \times 8! - 9))) &= (((9 + 8!) \times 7) - 6!/5) + (((4! + 3!)^2) + 1) \\
 283061 &:= ((1 + 2^{3!} \times 4!) - 5) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6! + 5)) - (4 - (3!^2 + 1)) \\
 283062 &:= (1 - ((2 - (3!!/4)) \times 5)) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6! + 5)) + (4! + (3^2 + 1)) \\
 283063 &:= (1 + (2^{3!} + 4!)) + (5 + (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6! + (5!/4))) + 3^2 + 1 \\
 283064 &:= (1 + ((2 \times (3!! - 4)) + 5!)) - (6! - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! - 5!))) + ((4! \times (3^2)) - 1) \\
 283065 &:= (1 + (2 \times 3^4)) + (5 + (6! + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6) - (5! - (4! \times (3!^2 + 1))) \\
 283066 &:= ((1 + 2^{3!}) \times 4!) - (5 + 6! - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! - 5!))) + ((4! \times (3^2)) + 1) \\
 283067 &:= (1 + (2 \times (3!! + 4!))) - (5 + 6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - (6! + 5)) + (((4! + 3!!) \times 2) + 1) \\
 283068 &:= (1 + 2 \times 3!! - (4 - 5!)) - (6! - (7 \times 8! - 9)) &= 9 + 8! + (((7^6) + (5 \times (4! + 3!))) \times 2) + 1 \\
 283069 &:= ((1 + 2 \times 3!) \times 4) + (5! + (6! + (7 \times (8! - 9)))) &= ((9 + 8! \times 7 + 6) - (5^4)) + 3!! \times 2 - 1 \\
 283070 &:= ((1 + 2 \times 3!) \times 4) - (5 - (6! + (7 \times (8! + 9)))) &= (9 + 8! \times 7) - ((6 \times (5 - ((4! \times 3!) - 2))) + 1) \\
 283071 &:= ((1 + 2 \times 3! \times 4!) \times (5! + 6!)) + (7! \times 8 - 9) &= (((9 + 8!) \times 7) + (6! - 5)) + ((4! + 3) \times 2 - 1) \\
 283072 &:= 1 + 2 \times 3!! + ((4! \times 5) - (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - 6!) + (((5! + 4) \times 3! \times 2) + 1) \\
 283073 &:= (1 - (2 \times 3!! + 4!)) + (5! + (6^7 + 8!/9)) &= (9 \times (8! - (7! + (6! \times 5)))) - (4^{3!}/2 - 1) \\
 283074 &:= 1 - 2 \times 3! - (4 - (5! + (6! + (7 \times 8! + 9)))) &= (9 \times (8! - 7!) - 6) - (5! \times ((4! \times 3! \times 2) - 1)) \\
 283075 &:= (1 - (2 \times 3!! \times 4! - (5! - 6))) - ((7! - 8!) \times 9) &= (9 + (8! \times 7 + (6! + (5! - 4)))) - (3^2 + 1) \\
 283076 &:= (1 + (2 \times 3!! + 4)) + (5! - (6! - (7 \times 8! - 9))) &= (9 + (8! \times 7 + (6 \times (5! + 4)))) - (3!^2 + 1) \\
 283077 &:= (1 + ((2 \times (3!! + 4!)) + 5)) - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) - (5! - (4! \times (3!^2 + 1)))
 \end{aligned}$$

$$\begin{aligned}
 283078 &:= 1 + 2 \times 3! - (4! - (5! + (6! + (7 \times 8! + 9)))) &= (9 + (8! \times 7 + (6 \times (5! + 4!)))) - (3!^2 - 1) \\
 283079 &:= (1 + (2 \times (3! + 4!))) - (5 - (6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (6! - (5 - 4!))) + 3!^2 + 1 \\
 283080 &:= (1 + ((2 \times (3!! + 4)) + 5!)) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!) + (((5 + (4! + 3!!)) \times 2) - 1) \\
 283081 &:= (1 - (2 \times 3!! \times 4! - 5!)) - ((6! \times 7 - 8!) \times 9) &= (((9 + 8!) \times 7) + (6! + 5)) + ((4! + 3) \times 2 - 1) \\
 283082 &:= (1 + ((2 \times (3!! - 4)) + 5!)) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6! + (5! - 4!))) - (3!^2 + 1) \\
 283083 &:= (1 + (2 \times (3 + 4!))) + (5 + (6! + (7 \times (8! + 9)))) &= (9 + (8! \times 7 + (6! + (5! + 4)))) - (3^2 + 1) \\
 283084 &:= (1 - 2 \times 3!) + (4! + (5! + (6! + 7 \times 8! - 9))) &= (((9 + 8!) \times 7) + (6! + (5! - 4!))) - (3!^2 - 1) \\
 283085 &:= (1 + ((2 + 3!) \times 4!)) - (5 - (6! + (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - (6! - 5!)) + (4 \times (3!!/2 - 1)) \\
 283086 &:= (1 + 2 \times 3!! - (4 - 5!)) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! - (5! - 4))) + (3!! \times 2 + 1) \\
 283087 &:= (1 - (2 \times 3!! \times 4! - (5! + 6))) - ((7! - 8!) \times 9) &= ((9 \times (8 + 7!/6)) - (5 - 4!)) \times (3!^2 + 1) \\
 283088 &:= (1 + (2^{3!} \times 4)) - (5! - (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! + (5!/4))) + (3!^2 - 1) \\
 283089 &:= ((1 + 2 \times 3! \times 4!) \times (5! + 6!)) + (7! \times 8 + 9) &= (((9 + 8!) \times 7) + (6! + 5 + 4!)) + 3!^2 + 1 \\
 283090 &:= 1 + 2 \times 3!! + ((4! \times 5) - (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6! + 5!)) - ((4! + 3) \times 2 - 1) \\
 283091 &:= ((1 + 2^{3!}) \times 4) - (5! - (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!) + ((5! - 4) \times (3! \times 2 + 1)) \\
 283092 &:= (1 + 2^{3!}) + (4 + ((5! \times 6) + (7 \times (8! + 9)))) &= ((9 + 8! \times 7) - (6! - (5! + 4))) + 3!! \times 2 - 1 \\
 283093 &:= (1 - (2 \times 3!! + 4)) + (5! + (6^7 + 8!/9)) &= (9 + (8! \times 7 + (6! + (5! - 4)))) + (3! + 2 \times 1) \\
 283094 &:= (1 + (2 \times 3!! + 4)) + (5! - (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - (6! - 5!)) - (((4! - 3!!) \times 2) + 1) \\
 283095 &:= (1 + ((2 + 3!) \times 4!)) + (5 + (6! + (7 \times (8! - 9)))) &= (9 + (8! \times 7 + (6! + (5! - 4)))) + 3^2 + 1 \\
 283096 &:= (1 + (2 \times 3!! + 4! + 5!)) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6! - 5!)) - (((4! - 3!!) \times 2) - 1) \\
 283097 &:= (1 - 2 \times 3!!) + ((4! \times 5) + (6^7 + 8!/9)) &= 9 \times 8 - ((7 \times (6 - (5! + ((4!/3!) - 2)))) - 1) \\
 283098 &:= (((1 - 2 \times 3!!) \times 4!) + (5! - 6)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - (6 - 5!)) - (4! \times (3!! \times 2 - 1)) \\
 283099 &:= ((1 - 2 \times 3!) \times 4) + (5! + (6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (6! + 5)) + ((4! \times 3) - (2 - 1)) \\
 283100 &:= (1 - ((2 + 3!) \times (4 - 5!))) - (6 - (7 \times (8! - 9))) &= (9 + (8! \times 7 + (6! + (5! - 4!)))) + (3!^2 - 1) \\
 283101 &:= (1 - (2 \times 3!! - 4)) + (5! + (6^7 + 8!/9)) &= ((9 + 8! \times 7) - 6) - (5 - ((4! \times (3!^2)) - 1)) \\
 283102 &:= (1 - 2 \times 3!) + (4! + (5! + (6! + (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) + (6! + (5! - 4))) - (3!^2 + 1) \\
 283103 &:= (1 + (((2 + 3!)! + 4! + 5!) \times 6) + 7) + (8! - 9) &= (9 + (8! \times 7 + (6! + (5! + 4)))) + 3^2 + 1 \\
 283104 &:= ((1 - 2 \times 3!!) \times 4!) + (5! - ((6! \times 7 - 8!) \times 9)) &= (9 + (8! \times 7 + (6! - 5!))) + (4 \times (3!^2 - 1)) \\
 283105 &:= (1 - 2 \times (3!! - 4)) + (5! + (6^7 + 8!/9)) &= ((9 \times (8! - 7!)) + (6!/5)) - ((4! \times 3!! \times 2) - 1) \\
 283106 &:= (1 + (2^{3!} \times 4)) - (5! - (6! + (7 \times 8! + 9))) &= ((9 + 8!) \times 7) - ((6 \times ((5 - (4! \times 3)) \times 2)) + 1) \\
 283107 &:= (1 + (2^{3!} + 4!)) - (5 - (6! + (7 \times (8! + 9)))) &= ((9 + (8! \times 7!/6!)) - 5) + ((4! \times (3!^2)) - 1) \\
 283108 &:= 1 + 2 \times 3! + (4! + (5! + (6! + 7 \times 8! - 9))) &= (((9 + 8!) \times 7) + (6! + (5! - 4!))) - ((3! \times 2) - 1) \\
 283109 &:= (1 + (2 \times 3^4)) - (5 - (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! + 5!)) - (4! + (3^2 + 1)) \\
 283110 &:= (((1 - 2 \times 3!!) \times 4!) + (5! + 6)) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7) + (6! + 5!)) + (4 - (3!^2 + 1)) \\
 283111 &:= 1 \times 2^{3!} - (4! - (5! + (6! + 7 \times 8! - 9))) &= (((9 + 8!) \times 7) - 6) - (5^4) + 3!! \times 2 - 1 \\
 283112 &:= (1 + 2^{3!}) - (4! - (5! + (6! + 7 \times 8! - 9))) &= ((9 + 8! \times 7) + (6^5)) - (((4!^3)/2) + 1) \\
 283113 &:= ((1 \times 2^{3!}) \times 4!) + (5! - (6! - (7 \times (8! - 9)))) &= (9 + 8! \times 7 + 6) - (5 - ((4! \times (3!^2)) - 1)) \\
 283114 &:= (1 - (2 \times (3 - 4!))) + (5! + (6! + 7 \times 8! - 9)) &= ((9 + 8! \times 7) + (6^5)) - (((4!^3)/2) - 1) \\
 283115 &:= ((1 + 2^{3!} \times 4!) - 5) - (6! - (7 \times (8! + 9))) &= (9 + 8! \times 7 + 6) - (5 - ((4! \times (3!^2)) + 1))
 \end{aligned}$$

$$\begin{aligned}
 283116 &:= (1 - ((2 - (3!/4) \times 5)) - (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + (6! + (5! - 4))) - ((3! - 2)! - 1) \\
 283117 &:= (1 + (2^{3!} + 4!)) + (5 + (6! + (7 \times (8! + 9)))) &= (9 + ((8! \times 7!/6!) + 5)) + ((4! \times (3!^2)) - 1) \\
 283118 &:= 1 - ((2 + (3! \times 4)) - (5! + (6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (6! - 5!)) + ((4! \times (3!^2)) - 1) \\
 283119 &:= (1 + (2 \times 3^4)) + (5 + (6! + 7 \times 8! - 9)) &= (9 + ((8! \times 7!/6!) + 5)) + ((4! \times (3!^2)) + 1) \\
 283120 &:= (1 + ((2 \times (3!! + 4!)) + 5!)) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! - 5!)) + ((4! \times (3!^2)) + 1) \\
 283121 &:= (1 - 2 \times 3!! + 4!) + (5! + (6^7 + 8!/9)) &= (9 + (8! + 7)) + ((6 \times (5! + (4! + (3! + 2)!))) + 1) \\
 283122 &:= (1 + (((2 \times 3! - 4)! + (5! + 6)) \times 7)) + (8 - 9) &= (9 + (8! \times 7 + (6! + 5))) + (4 \times (3!^2 + 1)) \\
 283123 &:= ((1 + 2 \times 3!) \times 4) + (5! + (6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! + 5!))) + (4! + (3!^2 + 1)) \\
 283124 &:= (((1 \times 2^{3!}) \times 4!) + 5) - (6! - (7 \times (8! + 9))) &= (9 + (8! \times 7 + 6!)) - (5 \times (4 - (3!^2 - 1))) \\
 283125 &:= (1 + ((2^{3!} \times 4!) + 5)) - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) - (5^4) + (3!! \times 2 + 1) \\
 283126 &:= (1 + (2 \times (3 + 4!))) + (5! + (6! + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) - (5 - (4! \times (3!^2 + 1))) \\
 283127 &:= (1 + (2 \times 3^4)) - (5 - (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6! + 5)) + (((4 + 3!)^2) - 1) \\
 283128 &:= (1 - ((2 - (3!/4) \times 5)) + ((6 + 7 \times 8!) - 9)) &= ((9 + 8! \times 7) - 6!) + (((5 \times 4!)/3)^2) - 1) \\
 283129 &:= (1 \times 2^{3!+4}) - (5! + (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + (6! + (5! - 4))) - (3!^2 + 1) \\
 283130 &:= (1 + (2^{3!+4})) - (5! + (6 - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6!) + (((5 \times 4!)/3)^2) + 1) \\
 283131 &:= 1 + (2 - (((3 - 4!) \times 5) - (6! + (7 \times (8! + 9)))) &= (9 + (8! \times 7 + (6! + ((5! \times 4)/3)))) + (2 \times 1) \\
 283132 &:= (1 + (2 \times (3! + 4!))) + (5! + (6! + 7 \times 8! - 9)) &= ((9 + (8! \times 7!/6!)) - 5) + (4! \times (3!^2 + 1)) \\
 283133 &:= ((1 + ((2 + 3!)/4!)) - 5) - (6! - (7 \times (8! - 9))) &= ((9 \times (8! - (7! - 6))) + 5!) - ((4! \times 3!! \times 2) + 1) \\
 283134 &:= (1 - ((2 - (3!/4) \times 5)) - (6 - (7 \times 8! + 9))) &= (9 + (8! \times 7 + 6!)) - (5 \times (4 - (3!^2 + 1))) \\
 283135 &:= (1 - (2 \times 3!! \times 4! - 5!)) + ((6 - (7! - 8!)) \times 9) &= ((9 \times (8! - (7! - 6))) + 5!) - ((4! \times 3!! \times 2) - 1) \\
 283136 &:= (1 + 2^{3!}) + ((4! \times 5) + (6! + 7 \times 8! - 9)) &= 9 - (8 - ((7 \times (6 + (5! + ((4!/3)! + 2)))) - 1)) \\
 283137 &:= (1 + ((2^{3!} \times 4! \times 5) + 6^7)) - 8!/9 &= (((9 + 8!) \times 7) + (6! + (5! + 4))) - (3!^2 + 1) \\
 283138 &:= (1 + ((2 \times (3!! + 4!)) + 5!)) - (6! - (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) - (5 - (4! \times (3!^2 + 1))) \\
 283139 &:= (1 + ((2 + 3!) \times 4!)) - (5 - (6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + ((6! \times 5)/4))) - (3!^2 + 1) \\
 283140 &:= ((1 + 2^{3!}) \times 4) \times (((5 \times 6! + 7!)/8) + 9) &= (((9 + 8!) \times 7) - (6! - (5! - 4))) + (3!! \times 2 + 1) \\
 283141 &:= (1 - (2 \times 3!! \times 4!)) + ((5!/6 - (7! - 8!)) \times 9) &= (9 + (8! \times 7 + 6!)) - (((5 - 4!) \times (3!^2)) - 1) \\
 283142 &:= (1 + (2^{3!+4})) - (5! - ((6 + 7 \times 8!) - 9)) &= (9 + (8! \times 7 + (6! + 5!))) + ((4! + 3) \times 2 - 1) \\
 283143 &:= ((1 + 2 \times 3!) \times 4!) - (5! - (6! + 7 \times 8! - 9)) &= ((9 + (8! \times 7!/6!)) - 5) + (((4! + 3!)^2) - 1) \\
 283144 &:= (1 + (2 \times (3!! - (4! - 5!)))) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6!) + (5 \times (((4! - 3!)^2) - 1)) \\
 283145 &:= (1 - (2 \times (3!! - 4!))) + (5! + (6^7 + 8!/9)) &= (9 + (8! \times 7!/6!)) - (5 - (((4! + 3!)^2) + 1)) \\
 283146 &:= (1 - ((2 - (3!/4) \times 5)) + (6 + (7 \times 8! + 9))) &= 9 - ((8 \times (7! + (6 - (5! + ((4!/3)! - 2)))) - 1) \\
 283147 &:= 1 - ((2 \times (3!! \times 4! - 5!)) + (((6 + 7!) - 8!) \times 9)) &= (9 \times (8! - (7! + 6))) + (((5! - (4! \times 3!!)) \times 2) + 1) \\
 283148 &:= (1 + ((2 + (3!/4) \times 5)) + ((6 + 7 \times 8!) - 9)) &= (9 + 8! \times 7 + 6) + (5 + (4! \times (3!^2 + 1))) \\
 283149 &:= (1 + ((2 + 3!) \times 4!)) + (5 + (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! + (5! - 4))) + 3!^2 + 1) \\
 283150 &:= (1 + (2 \times (3! + 4!))) + (5! + (6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6 \times (5! + 4!)))) + 3!^2 + 1) \\
 283151 &:= (1 - 2 \times 3!) \times (4! - ((5 + 6 \times 7!) - 8!/9)) &= (9 + 8! \times 7 + 6) - (5 - (((4! + 3!)^2) + 1)) \\
 283152 &:= ((1 + 2^{3!}) \times 4) - (5 - (6! + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - (6! - 5!)) + (((4 + 3!!) \times 2) + 1) \\
 283153 &:= (1 + ((2^{3!} + 4!) \times 5!)) + (6 \times ((7! + 8) \times 9)) &= (9 + ((8! \times 7!/6!) + 5)) + (((4! + 3!)^2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 283154 &:= (1 - ((2 + 3!) \times (4 - 5!))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! + (5! - 4!))) + (3!^2 - 1) \\
 283155 &:= (1 \times 2 \times (3! + (4 \times 5!))) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6) - (5 - ((4! \times (3!^2)) - 1)) \\
 283156 &:= (1 + (2 \times (3! + (4 \times 5!)))) + (6 + (7 \times (8! - 9))) &= (9 + 8! \times 7) - (((6 - 5!) \times 4) + 3) \times 2 - 1 \\
 283157 &:= (1 + ((2 + 3!) \times 4!)) - (5 - (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6! + (5! + 4))) + 3^2 + 1 \\
 283158 &:= (((1 - 2 \times 3!!) \times 4!) + 5!) + ((6 - (7! - 8!)) \times 9) &= (((9 + 8!) \times 7) + (6! - 5)) + (4 \times (3!^2 - 1)) \\
 283159 &:= (1 + (2^{3!} \times 4)) + (5 + (6! + (7 \times (8! - 9)))) &= (9 + (8! \times 7 + ((6! \times 5)/4))) + 3^2 + 1 \\
 283160 &:= (1 + (2 + 3!))! - (((4 - (5! + 6 \times 7!)) \times 8) + 9) &= (9 + (8! \times 7 + 6!)) - (((5^4) - 3!!) \times 2) - 1 \\
 283161 &:= ((1 + 2 \times 3!) \times 4!) - (5! - (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7!/6!) - 5) + ((4! \times (3!^2)) - 1) \\
 283162 &:= (1 + (2 \times (3!! - (4! - 5!)))) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) + (((5! - (4! - 3!!)) \times 2) + 1) \\
 283163 &:= ((1 + 2^{3!}) \times 4) - (5! - (6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7!/6!) - 5) + ((4! \times (3!^2)) + 1) \\
 283164 &:= ((1 - 2 \times 3!!) \times 4!) + ((5!/6 - (7! - 8!)) \times 9) &= (((9 + 8!) \times 7) + (6! + (5! - 4))) + ((3! - 2)! + 1) \\
 283165 &:= (1 + 2 \times 3!!) - (4 \times (5! - (6 \times 7! + 8! - 9))) &= (9 + (8! \times 7 + (6! + 5))) + ((4! \times (3! + 2)) - 1) \\
 283166 &:= (1 - ((2 + 3!) \times (4 - 5!))) + ((6 + 7 \times 8!) - 9) &= (9 + 8! \times 7) - (((6 - 5!) \times 4) - 3) \times 2 + 1 \\
 283167 &:= (1 + ((2 + 3!) \times 4!)) + (5 + (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6) - (5 - ((4! \times (3!^2)) - 1)) \\
 283168 &:= ((1 + (2 + 3!))! - 4!) + (((5! + 6 \times 7!) \times 8) - 9) &= (((9 + 8!) \times 7) + (6^5)) - (((4!^3)/2) - 1) \\
 283169 &:= ((1 - (2 \times (3!! + (4! - 5!)))) + 6^7) + 8!/9 &= (((9 + 8!) \times 7) + 6) - (5 - ((4! \times (3!^2)) + 1)) \\
 283170 &:= (1 + 2)! - (3 - (4! + (5! + (6! + (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7) + (6! + (5! + 4))) + ((3! - 2)! - 1) \\
 283171 &:= (1 \times 2^{3!+4}) - (5 \times 6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7!/6!) + 5) + ((4! \times (3!^2)) - 1) \\
 283172 &:= (1 - ((2 + 3!) \times (4 - 5!))) - (6 - (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) - (5! - (((4! - 3!)^2) - 1)) \\
 283173 &:= (((1 + (2 + 3!))! - (4 - (5! + 6))) \times 7) + 8 \times 9 &= (((9 + 8!) \times 7!/6!) + 5) + ((4! \times (3!^2)) + 1) \\
 283174 &:= (1 - (2 \times (3! - (4 \times 5!)))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! + 5!)) - (4 - (3!^2 - 1)) \\
 283175 &:= ((1 \times 2 \times (3! \times 4! - 5)) + 6!) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + (6 + (5! + (4! + 3!)))) + (2 \times 1) \\
 283176 &:= (1 + ((2 + 3!) \times (4 + 5!))) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6! + 5)) + (4 \times (3!^2 + 1)) \\
 283177 &:= (1 \times 2 + 3!)! - (((4 - (5! + 6 \times 7!)) \times 8) - 9) &= (((9 + 8!) \times 7) + (6! + 5!)) + (4! + (3^2 + 1)) \\
 283178 &:= (1 + (2 + 3!))! - (((4 - (5! + 6 \times 7!)) \times 8) - 9) &= (((9 + 8!) \times 7) + 6!) - (5 \times (4 - (3!^2 - 1))) \\
 283179 &:= ((1 \times 2 + ((3 + 4!) \times 5!)) + 6^7) - (8 - 9) &= (9 + (8! \times 7 + (6! - 5))) + ((4! \times (3^2)) - 1) \\
 283180 &:= (1 - (2 \times (3! - (4 \times (5! + 6 \times 7!)))) + (8! - 9) &= (9 + (8! \times 7 + 6!)) + ((5 \times ((4! - 3) \times 2)) + 1) \\
 283181 &:= ((1 + 2 \times 3! \times 4!) - 5) + (6! + (7 \times (8! - 9))) &= (9 + (8! \times 7 + (6! - 5))) + ((4! \times (3^2)) + 1) \\
 283182 &:= (1 + (2^{3!+4})) - (5!/6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6!) + (((5 \times 4!)/3)^2) - 1) \\
 283183 &:= (1 \times 2 \times (3!! - (4 - 5!))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!) + (((5 \times 4!)/3)^2 \times 1) \\
 283184 &:= (1 + (2 \times (3!! - (4 - 5!)))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!) + (((5 \times 4!)/3)^2) + 1) \\
 283185 &:= ((1 \times 2 + 3!)! - 4!) + (((5! + 6 \times 7!) \times 8) + 9) &= (((9 + 8!) \times 7) + (6! + ((5! \times 4)/3))) + (2 \times 1) \\
 283186 &:= ((1 + (2 + 3!))! - 4!) + (((5! + 6 \times 7!) \times 8) + 9) &= (9 + (8! \times 7 + ((6! \times 5)/4))) + 3!^2 + 1 \\
 283187 &:= ((1 + ((2 + 3!)/4!)) - 5) - (6! - (7 \times 8! - 9)) &= (9 \times (8! - 7!)) - (((6 - (5! - (4! \times 3!))) \times 2) + 1) \\
 283188 &:= ((1 + (2 + 3!))! - 4) + (((5! + 6 \times 7!) \times 8) - 9) &= (((9 + 8!) \times 7) + 6!) - (5 \times (4 - (3!^2 + 1))) \\
 283189 &:= (1 - (2 \times (3! - (4! \times (5 - 6!)))) - ((7! - 8!) \times 9) &= (9 + (8! \times 7 + (6! + 5))) + ((4! \times (3^2)) - 1) \\
 283190 &:= (((1 + 2)!!/3) + 4) - (5 - (6! + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) + (((5! \times 4) - 3!) \times 2) - 1) \\
 283191 &:= ((1 + 2^{3!}) \times 4!) + (5! - (6! - (7 \times 8! - 9))) &= (9 + (8! \times 7 + (6! + 5))) + ((4! \times (3^2)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 283192 &:= (1 + (2 \times 3! - 4!)) + (((5! + 6 \times 7!) \times 8) - 9) &= (9 + (8! \times 7 + 6!)) + (((5! - 4!/3) \times 2) - 1) \\
 283193 &:= (1 + (((2 + 3!)! - (4 \times (5! + 6))) \times 7)) + 8!/9 &= (((9 + 8!) \times 7) + ((6! \times 5)/4)) - (3^2 + 1) \\
 283194 &:= ((1 + 2) + 3!) - ((4 \times 5!) - (6! + 7 \times 8! - 9)) &= (9 + ((8! + 7!) \times 6)) + ((5 \times (4! - 3))^2 \times 1) \\
 283195 &:= (1 - (2 \times (3 - (4! \times (5 - 6!)))))) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7) + 6!) - (((5 - 4!) \times (3^2)) - 1) \\
 283196 &:= (1 + ((2 + 3!)! + 4)) + (((5! + 6 \times 7!) \times 8) - 9) &= ((9 + 8! \times 7) - 6) + (((5! \times 4) - 3) \times 2) - 1) \\
 283197 &:= (1 + (((2 + 3!)!/4!) + 5)) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7!/6!) - 5) + (((4! + 3!)^2) - 1) \\
 283198 &:= (1 + (2 \times (3! + (4 \times 5!)))) - (6 - (7 \times 8! - 9)) &= 9 + 8! + ((((((7! \times 6) + 5!) \times 4) - 3!) \times 2) + 1) \\
 283199 &:= 1 - (2 + ((3! + 4) \times (5 \times (6 - ((7!/8) \times 9)))))) &= ((9 + 8!) \times 7!/6!) - (5 - (((4! + 3!)^2) + 1)) \\
 283200 &:= (1 + (2 \times (3!! + 4 + 5!))) - (6! - (7 \times 8! - 9)) &= (9 \times (8!/7)) + (((((6 + (5! \times 4!))/3!)^2) - 1) \\
 283201 &:= (1 + (2 \times (3! \times (4 \times (5 - 6!)))))) - ((7! - 8!) \times 9) &= (9 \times (8! - (7 \times 6!))) + (((5! - (4! \times 3!)) \times 2) + 1) \\
 283202 &:= (1 + (2 \times (3!! - (4 - 5!)))) - (6! - (7 \times 8! + 9)) &= 9 + 8! + ((((((7! \times 6) + 5!) \times 4) - 3) \times 2) - 1) \\
 283203 &:= (1 + (2^{3!} \times 4)) - (5 - (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6) + (5 + (((4! + 3!)^2) + 1)) \\
 283204 &:= (1 - 2^{3!}) + (4^5 - (6 - (7 \times 8! + 9))) &= 9 + 8! + ((((((7! \times 6) + 5!) \times 4) - 3) \times 2) + 1) \\
 283205 &:= ((1 + ((2 + 3!)!/4!)) - 5) - (6! - (7 \times 8! + 9)) &= (9 \times (8! - 7!)) - (((((6! - 5) \times 4!) - 3) \times 2) + 1) \\
 283206 &:= ((1 + (2 + 3!)!) - 4) + (((5! + 6 \times 7!) \times 8) + 9) &= (9 + (8! \times 7 + (6! - (5! + 4)))) + (3!!/2 + 1) \\
 283207 &:= (1 + (2 \times (3 + (4! \times (5 - 6!)))))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - (((((6! - 5) \times 4!) - 3) \times 2) - 1) \\
 283208 &:= ((1 + 2 \times 3!) + 4^5) - (6 - (7 \times (8! - 9))) &= (9 + 8! \times 7 + 6) + (((5! \times 4) - 3) \times 2) - 1) \\
 283209 &:= ((1 - (2 \times (3!! + 4 - 5!))) + 6^7) + 8!/9 &= (((9 + 8!) \times 7!/6!) + 5) + (((4! + 3!)^2) + 1) \\
 283210 &:= (1 + (2 \times 3! - 4!)) + (((5! + 6 \times 7!) \times 8) + 9) &= ((9 + 8! \times 7) - 6) + (((5! \times 4) + 3) \times 2) + 1) \\
 283211 &:= ((1 + (2 + 3!)!) + 4^5) + (6 \times (7! \times 8 - 9)) &= (9 \times (8! - 7!)) - (((((6! - 5) \times 4!) - 3!) \times 2) + 1) \\
 283212 &:= (1 + 2^{3!}) + (4 + (5! + (6! + (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7) + 6!) - (((5^4) - 3!) \times 2) + 1) \\
 283213 &:= (1 + (2 \times (3! + (4! \times (5 - 6!)))))) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7) + ((6! \times 5)/4)) + 3^2 + 1) \\
 283214 &:= (1 + ((2 + 3!)! + 4)) + (((5! + 6 \times 7!) \times 8) + 9) &= 9 + 8! + ((((((7! \times 6) + 5!) \times 4) + 3) \times 2) - 1) \\
 283215 &:= (1 + (((2 + 3!)!/4!) + 5)) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6) + (5 + (((4! + 3!)^2) + 1)) \\
 283216 &:= (1 + ((2 + 3!)! + 4!)) + (((5! + 6 \times 7!) \times 8) - 9) &= 9 + 8! + ((((((7! \times 6) + 5!) \times 4) + 3) \times 2) + 1) \\
 283217 &:= (1 \times 2 + (3! \times 4! + 5!)) + (6! + 7 \times 8! - 9) &= (9 \times ((8! - ((7 - 6!) \times 5!))/4)) - (3! \times 2 + 1) \\
 283218 &:= (1 + ((2 + 3!) \times (4 + 5!))) - (6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6!) + (((5! + (4 + 3!)) \times 2) + 1) \\
 283219 &:= 1 - (2 \times (3 - (4 \times (5! - ((6 + 7!) - 8! - 9)))))) &= (9 \times ((8! - ((7 - 6!) \times 5!))/4)) - ((3! \times 2) - 1) \\
 283220 &:= ((1 + 2 \times 3!) + 4^5) + (6 + (7 \times (8! - 9))) &= (9 \times ((8! - ((7 - 6!) \times 5!))/4)) - (3^2 + 1) \\
 283221 &:= (1 + (2^{3!} \times 4)) - (5 - (6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! - 5))) + ((4^{3! - 2}) + 1) \\
 283222 &:= 1 - (((2 \times (3 - 4!)) - 5!) \times 6) - (7 \times 8! + 9) &= (9 + 8! \times 7 + 6) + (((5! \times 4) + 3) \times 2) + 1) \\
 283223 &:= (1 \times 2 + 3!)! + (((4 + (5! + 6 \times 7!)) \times 8) - 9) &= 9 \times 8 + ((7 \times (6 + (5! + (4 + (3! + 2)!)))) + 1) \\
 283224 &:= (1 + (2 + 3!)!) + (((4 + (5! + 6 \times 7!)) \times 8) - 9) &= 9 - ((8 \times (7! - ((6 + 5!) - (4 - (3! + 2)!)))) + 1) \\
 283225 &:= ((1 - (2 \times (3!! - (4 + 5!)))) + 6^7) + 8!/9 &= (9 \times (8! - 7!)) - ((6! - (5^4)) \times (3!!/2 + 1)) \\
 283226 &:= (1 - ((2 + 3!) \times (4 - 5!))) - (6 - (7 \times (8! + 9))) &= (9 + 8! \times 7 + 6) + (((5! \times 4) + 3!) \times 2) - 1) \\
 283227 &:= ((1 - 2 \times 3!) \times (4! - 5!)) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6!) - (5! - ((4! - 3!)^2 \times 1)) \\
 283228 &:= (1 + (2 \times (3! + (4 \times 5!)))) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + (((5! \times 4) + 3!) \times 2) + 1) \\
 283229 &:= ((1 \times 2 \times (3! \times 4! - 5)) + 6!) + (7 \times 8! - 9) &= (9 + (8! \times 7 + (6! + 5!))) + (4 \times (3!^2 - 1)) \\
 283230 &:= (1 + ((2 + 3!) \times (4 + 5!))) + ((6 + 7 \times 8!) - 9) &= 9 + 8 + (7 \times (6!/5 - (4 - ((3! + 2)! - 1))))
 \end{aligned}$$

$$\begin{aligned}
 283231 &:= (1 + (2^{3!} \times 4)) + (5 + (6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! + 5))) + ((4^{3!-2}) + 1) \\
 283232 &:= ((1 + (2 + 3!))! + 4^5) - ((6 \times (7 - 8!)) - 9) &= (9 + ((8! \times 7! / 6!) + 5!)) + ((4! \times (3!^2)) - 1) \\
 283233 &:= ((1 \times 2 + 3!)! + 4!) + (((5! + 6 \times 7!) \times 8) + 9) &= (((9 + 8!) \times 7) + (6! - 5)) + ((4! \times (3^2)) - 1) \\
 283234 &:= (1 + ((2 + 3!)! + 4!)) + (((5! + 6 \times 7!) \times 8) + 9) &= 9 - (8 - ((7 \times (6! / 5 + ((4! / 3)! - 2))) - 1)) \\
 283235 &:= ((1 + 2 \times 3! \times 4!) - 5) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6! - 5)) + ((4! \times (3^2)) + 1) \\
 283236 &:= (1 + (2^{3!+4})) - (5! / 6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) + (((5! + 4) \times (3! + 2)) + 1) \\
 283237 &:= (1 + 2 \times 3!!) - (4 \times (5! - (6 \times 7! + 8! + 9))) &= (9 + (8! \times 7 + 6!)) + (5! + (4 \times (3!^2 + 1))) \\
 283238 &:= ((1 - 2 \times 3!) + 4^5) - (6 - (7 \times 8! - 9)) &= ((9 + (8! + 7!)) \times 6) + (((5 \times (4! - 3))^2) - 1) \\
 283239 &:= ((1 - 2 \times 3!) \times (4! - 5!)) + (6 + (7 \times (8! - 9))) &= ((9 + 8! \times 7 + 6) + 5^4) + (3!! / 2 - 1) \\
 283240 &:= (1 - (2 \times 3!^4)) + (5 \times 6! + 7 \times 8! - 9) &= (9 \times ((8! - ((7 - 6!) \times 5!)) / 4)) + 3^2 + 1 \\
 283241 &:= (1 \times 2 + 3!)! + (((4 + (5! + 6 \times 7!)) \times 8) + 9) &= ((9 + 8! \times 7 + 6) + 5^4) + (3!! / 2 + 1) \\
 283242 &:= (1 + (2 + 3!))! + (((4 + (5! + 6 \times 7!)) \times 8) + 9) &= (((9 + 8!) \times 7) + (6! + 5!)) + (((4 + 3!)^2) - 1) \\
 283243 &:= (1 \times 2^{3!+4}) - (5 \times 6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6! + 5)) + ((4! \times (3^2)) - 1) \\
 283244 &:= (1 + (2^{3!+4})) - (5 \times 6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6) + (((5! \times 4) - 3!) \times 2) - 1) \\
 283245 &:= (1 + 2 \times 3! \times 4!) + (5 + (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! + 5)) + ((4! \times (3^2)) + 1) \\
 283246 &:= (1 - (2 \times (3! - (4 \times 5!)))) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6!) + (((5! - 4! / 3) \times 2) - 1) \\
 283247 &:= (((1 \times 2 + 3!) \times (4 + 5!)) + (6 + 7 \times 8!)) + 9 &= (((9 \times (8! / 7)) - 6!) \times 5) + (4!^3 \times 2 - 1) \\
 283248 &:= (1 + ((2 + 3!) \times (4 + 5!))) + (6 + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) - (((5 - 4! \times 3!) \times 2) - 1) \\
 283249 &:= 1 + 2 \times 3!! + ((4^5 + (6 \times (7! + 8))) \times 9) &= (((9 \times (8! / 7)) - 6!) \times 5) + (4!^3 \times 2 + 1) \\
 283250 &:= ((1 - 2 \times 3!) + 4^5) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6) + (((5! \times 4) - 3) \times 2) - 1) \\
 283251 &:= 1 - ((2 - 3) - (4^5 - (6 - (7 \times 8! - 9)))) &= ((9 + 8! \times 7) - (6 - 5!)) + (4! \times (3!^2 + 1)) \\
 283252 &:= (1 + (2 \times 3^4)) + (5! + (6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + 6!)) + (((5! + (4! - 3)) \times 2) + 1) \\
 283253 &:= ((1 + 2 \times 3! \times 4!) - 5) + (6! + (7 \times 8! + 9)) &= (9 \times (8! - (7! - 6))) + (((5! - (4! \times 3!)) \times 2) - 1) \\
 283254 &:= 1 - ((2 + 3!) - (4^5 + ((6 + 7 \times 8!) - 9))) &= (((9 + 8!) \times 7) - 6!) + (((5! - (4 - 3!)) \times 2) - 1) \\
 283255 &:= (1 - (2 \times (3!! \times 4! - 5!))) + ((6 - (7! - 8!)) \times 9) &= (9 \times (8! - (7! - 6))) + (((5! - (4! \times 3!)) \times 2) + 1) \\
 283256 &:= ((1 + (2 + 3!))! + 4^5) + ((6 \times 7! \times 8) - 9) &= (9 \times (8 + (7! \times 6))) + (((5 \times (4! - 3))^2) - 1) \\
 283257 &:= ((1 \times 2 + 3!!) + 4^5) - (6! - (7 \times 8! - 9)) &= (9 \times (((8! \times 7) - 6!) / 5!)) + ((4^3) - 1) \\
 283258 &:= ((1 + 2 \times 3!) \times 4!) - (5 - (6! + 7 \times 8! - 9)) &= (9 \times (8 + (7! \times 6))) + (((5 \times (4! - 3))^2) + 1) \\
 283259 &:= ((1 + ((2 + 3!)! / 4!)) - 5) - (6! - (7 \times (8! + 9))) &= (9 \times (((8! \times 7) - 6!) / 5!)) + ((4^3) + 1) \\
 283260 &:= (1 + 2^{3!}) + (4^5 - (6 - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + (6! - (5! + 4))) + (3!! / 2 + 1) \\
 283261 &:= 1 - (2 \times (3! - (4 \times (5! - (6! \times 7 - 8! - 9)))))) &= (9 + (8! \times 7 + (6! + 5))) + ((4! \times 3! \times 2) - 1) \\
 283262 &:= ((1 + 2 \times 3!) + 4^5) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) + (((5! \times 4) - 3) \times 2) - 1) \\
 283263 &:= (1 + 2 \times 3! \times 4!) + (5 + (6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! + 5))) + ((4! \times 3! \times 2) + 1) \\
 283264 &:= (1 + (((2 + 3!) \times 4!) + 5!)) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6) + (((5! \times 4) + 3) \times 2) + 1) \\
 283265 &:= ((1 - ((2 + 3!) \times (4! + 5!))) + 6^7) + 8! / 9 &= (9 \times ((8! - ((7 - 6!) \times 5!)) / 4)) + (3!^2 - 1) \\
 283266 &:= 1 \times 2 - (3 - (4^5 - (6 - (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) + (6! - (5! - 4))) + (3!! / 2 - 1) \\
 283267 &:= (((1 + 2)!! - 3!) + 4^5) - (6! - (7 \times 8! + 9)) &= (9 \times ((8! - ((7 - 6!) \times 5!)) / 4)) + 3!^2 + 1) \\
 283268 &:= (((1 + 2 \times 3!) \times 4!) + 5) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6) + (((5! \times 4) + 3!) \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 283269 &:= (1 + (((2 + 3!)!/4!) + 5)) - (6! - (7 \times (8! + 9))) &= (9 + ((8! \times 7!/6!) + 5!)) + ((4! + 3!)^2 \times 1) \\
 283270 &:= (1 + 2^{3!}) \times (4 - (5! + (6 - (7! \times 8/9)))) &= (((9 + 8!) \times 7) - 6) + (((5! \times 4) + 3!) \times 2) + 1) \\
 283271 &:= (1 \times 2 + (3!!/4)) + (5! + (6! + (7 \times 8! + 9))) &= (9 \times 8 \times (7! - 6!)) - (5! + (4!^3 \times 2 + 1)) \\
 283272 &:= (1 + 2^{3!}) + (4^5 + (6 + (7 \times (8! - 9)))) &= 9 - ((8 \times (7! - (6 + (5! + ((4!/3!)! + 2)))))) + 1) \\
 283273 &:= (1 - (2^{3!+4})) - (5! - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6!) - (5 - ((4^{3!-2}) - 1)) \\
 283274 &:= ((1 + (2 + 3!)!) + 4^5) + ((6 \times 7! \times 8) + 9) &= 9 - ((8 \times (7! - (6 + (5! + ((4!/3!)! + 2)))))) - 1) \\
 283275 &:= (1 + (2^{3!} \times 4)) - (5 - (6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (6! - 5)) + ((4^{3!-2}) + 1) \\
 283276 &:= (1 - (2 \times 3!! \times 4!)) + (((5 - 6!) \times 7) + 8!) \times 9 &= (((9 + 8!) \times 7) + 6) + (((5! \times 4) + 3) \times 2) + 1) \\
 283277 &:= ((1 + 2^{3!}) \times 4) + (5! + (6! + (7 \times (8! - 9)))) &= 9 \times 8 - ((7 \times (6 - (5! + (4! + (3! + 2)!)))) + 1) \\
 283278 &:= ((1 + 2^{3!}) \times 4) - (5 - (6! + (7 \times (8! + 9)))) &= 9 \times 8 - (7 \times (6 - (5! + (4! + (3! + 2 \times 1)!)))) \\
 283279 &:= (1 + (((2 + 3!)! + (4! + (5! - 6))) \times 7)) + 8 \times 9 &= 9 \times 8 - ((7 \times (6 - (5! + (4! + (3! + 2)!)))) - 1) \\
 283280 &:= ((1 + 2 \times 3!) + 4^5) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6) + (((5! \times 4) + 3!) \times 2) - 1) \\
 283281 &:= ((1 - 2 \times 3!) \times (4! - 5!)) - (6 - (7 \times 8! - 9)) &= (9 + 8! \times 7) - (6 \times (((5 - 4!) \times (3^2)) - 1)) \\
 283282 &:= (1 + (((2 + 3!) \times 4!) + 5!)) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6) + (((5! \times 4) + 3!) \times 2) + 1) \\
 283283 &:= 1 \times 2 + (((3!!/4) - 5) \times 6) + 7 \times 8! - 9 &= (((9 + 8!) \times 7) + (6! + 5!)) + (4 \times (3!^2 - 1)) \\
 283284 &:= 1 - ((2 - 3!) - (4^5 + (6 + (7 \times 8! + 9)))) &= 9 - 8 + (7 \times (6!/5 + (4 + ((3! + 2)! + 1)))) \\
 283285 &:= (1 + (2^{3!} \times 4)) + (5 + (6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (6! + 5)) + ((4^{3!-2}) + 1) \\
 283286 &:= (((1 + 2 \times 3!) \times 4!) + 5) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7!/6!) + 5!) + ((4! \times (3!^2)) - 1) \\
 283287 &:= 1 \times 2 + (3! + (4^5 + (6 + (7 \times 8! + 9)))) &= (9 + (8! \times 7 + 6!)) - (5 - (((4! - 3!)^2) - 1)) \\
 283288 &:= (1 + ((2 \times 3! - 4)!/5!)) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7!/6!) + 5!) + ((4! \times (3!^2)) + 1) \\
 283289 &:= (((1 \times 2 + 3!)! + (4! + (5! + 6))) \times 7) + 8) - 9 &= (9 + (8! \times 7 + (6! - 5!))) + (((4! - 3!)^2) - 1) \\
 283290 &:= (1 + ((2 + 3!) \times (4 + 5!))) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6) + (((5! + 4) \times (3! + 2)) + 1) \\
 283291 &:= (((1 \times 2 + 3!)! + (4! + (5! + 6))) \times 7) - (8 - 9) &= (9 + (8! \times 7 + 6!)) - (5! - (((4! - 3!)^2) + 1)) \\
 283292 &:= ((1 + 2 \times 3!) + 4^5) + (6 + (7 \times 8! + 9)) &= 9 + 8! - (7! - (((6 + 5!) \times 4) - 3!^2) - 1) \\
 283293 &:= ((1 - 2 \times 3!) \times (4! - 5!)) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + 6) + 5^4 + (3!!/2 - 1) \\
 283294 &:= (1 + (2^{3!+4})) + (5!/6 + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - (((6! \times 5 - 4^{3!}) \times 2) + 1) \\
 283295 &:= (1 \times 2 + (3! \times ((4! + 5) \times 6))) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + 6) + 5^4 + (3!!/2 + 1) \\
 283296 &:= 1 \times 2 + (((3!! - 4) \times 5) + 6) \times (7 + 8 \times 9) &= (((9 \times 8) + 7) \times (6 - (5 \times (4 - 3!)))) + (2 \times 1) \\
 283297 &:= ((1 \times 2 + 3!)! + 4^5) + ((6 \times (7 + 8!)) - 9) &= (9 + (8! \times 7 + 6!)) + ((5 + ((4! - 3!)^2)) - 1) \\
 283298 &:= ((1 + (2 + 3!)!) + 4^5) + ((6 \times (7 + 8!)) - 9) &= ((9 + (8! \times 7 + (6! + 5))) + ((4! - 3!)^2)) \times 1 \\
 283299 &:= ((1 - 2 \times 3!!) \times 4!) + (((5 - 6!) \times 7) + 8!) \times 9 &= ((9 + (8! \times 7 + (6! + 5))) + ((4! - 3!)^2)) + 1 \\
 283300 &:= (((1 + 2)! \times (3!!/4)) - 5) - (6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + 6!)) + ((5 \times ((4^3) + 2)) + 1) \\
 283301 &:= 1 - (2 - ((3^4 \times 5) + (6! + (7 \times (8! - 9)))))) &= (9 + (8! \times 7 + (6! - ((5 + 4!) - 3!!/2)))) + 1 \\
 283302 &:= (1 + ((2 + 3!) \times (4 + 5!))) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6!) - (((5 - 4!) \times 3!) \times 2) - 1) \\
 283303 &:= ((1 \times 2 + 3!)!/(4! + 5!)) + (6! + (7 \times (8! + 9))) &= (9 + (8! \times 7 + (6 \times 5))) + (4^{3+2} \times 1) \\
 283304 &:= 1 \times 2 + ((3^4 \times 5) + (6! + (7 \times (8! - 9)))) &= (9 + (8! \times 7 + (6! + 5!))) + ((4! \times (3^2)) - 1) \\
 283305 &:= (1 + (2 \times (3 + 4!))) \times (5! + (((6 - (7 - 8)))! - 9)) &= (((9 + 8!) \times 7) - (6 - 5!)) + (4! \times (3!^2 + 1)) \\
 283306 &:= (1 + ((2 \times 3! - 4)!/5!)) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + (5! + ((4! \times (3^2)) + 1))
 \end{aligned}$$

$$\begin{aligned}
 283307 &:= (1 + ((2 \times 3!)/4)) - (5 - (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! - 5)) + ((4! \times 3! \times 2) + 1) \\
 283308 &:= (1 + (2^{3!+4})) - (5!/6 - (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6!) - ((5 \times (4 - 3!/2)) + 1) \\
 283309 &:= ((1 + 2!) \times (3!/4)) - (5!/6 - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! + 5))) - (4! - (3!/2 - 1)) \\
 283310 &:= ((1 - 2 \times 3!) + 4^5) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6!/5)) + ((4! \times (3!^2)) - 1) \\
 283311 &:= ((1 - 2 \times 3!) \times (4! - 5!)) + (6 + (7 \times 8! + 9)) &= (9 \times ((8! \times 7!/6!)/5!)) + ((4^{3^2}) - 1) \\
 283312 &:= (1 + (((2 + 3!)/4!) + 5!)) - (6! - (7 \times 8! - 9)) &= (9 + 8! \times 7) - (((6 - (5! + 4)) \times (3^2)) - 1) \\
 283313 &:= (1 \times 2 + 3 \times 4! \times 5) + (6! + 7 \times 8! - 9) &= (9 \times ((8! \times 7!/6!)/5!)) + ((4^{3^2}) + 1) \\
 283314 &:= (1 + 2^{3!}) + (4^5 - (6 - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6!) - (5 \times (((4 - 3!)/2) + 1)) \\
 283315 &:= 1 - (2 \times (3 - (4 \times (5! + (6 - (7! - 8! - 9)))))) &= (9 + (8! \times 7 + 6!)) - (((5!/4) - 3!)/2) - 1) \\
 283316 &:= ((1 + ((2 \times 3!)/4)) \times 5) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) + ((5 + 4!) \times (3!^2 + 1)) \\
 283317 &:= (1 + ((2 \times 3!)/4)) + (5 + (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6 + 5!) + (4! \times (3!^2 + 1)) \\
 283318 &:= 1 \times (((2 + 3!)! - (4 \times 5! + 6)) \times 7) + 8!/9 &= ((9 + 8! \times 7) - 6) + (5 \times ((4! \times (3^2)) - 1)) \\
 283319 &:= ((1 + (2 + 3!))! + 4^5) + (6 \times (7! \times 8 + 9)) &= ((9 \times (8! - 7!))/6) + (((5! \times (4!/3!))^2) - 1) \\
 283320 &:= 1 - ((2 \times (3! \times 4! + (5 - 6!))) - (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6!) - (((5 \times (4 - 3!))/2) - 1) \\
 283321 &:= (1 + (2 + 3!))! + (4 \times 5 \times ((6! + 7!/8) \times 9)) &= ((9 \times (8! - 7!))/6) + (((5! \times (4!/3!))^2) + 1) \\
 283322 &:= ((1 - 2 \times 3!) + 4^5) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7!/6!) + 5!) + (((4! + 3!)^2) - 1) \\
 283323 &:= 1 - ((2 - 3) - (4^5 - (6 - (7 \times (8! + 9)))))) &= (9 + (8! \times 7 + (6! + 5))) - (((4! - 3!)/2) - 1) \\
 283324 &:= 1 - ((2 \times (3! \times (4! - 5!))) + (6 - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + 6) + ((5 + 4!) \times (3!^2 - 1)) \\
 283325 &:= (((1 + (2 + 3!))! - (4 \times 5! + 6)) \times 7) + 8!/9 &= (9 + 8! \times 7) - (((6 - ((5! \times 4!) - 3!))/2) + 1) \\
 283326 &:= (1 + 2^{3!}) + (4^5 + ((6 + 7 \times 8!) - 9)) &= (9 + (8! \times 7 + (6 \times 5! - 4))) + (3!/2 + 1) \\
 283327 &:= (1 + (2^{3!+4})) + ((5 - 6) + (7 \times (8! + 9))) &= (9 + (8! \times 7 + (6! - 5))) + (((4 + 3!)/2) + 1) \\
 283328 &:= (1 + ((2^{3!} \times 4) + 5!)) + (6! + 7 \times 8! - 9) &= (9 + 8! \times 7 + 6) + ((5 + 4!) \times (3!^2 + 1)) \\
 283329 &:= (1 - (2^{3!} + (4^5 - 6^7))) + 8!/9 &= (9 + (8! \times 7 + (6! + 5))) - (4 - (3!/2 - 1)) \\
 283330 &:= (1 + (((2 + 3!)/4!) + 5!)) - (6! - (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + (5 \times ((4! \times (3^2)) - 1)) \\
 283331 &:= ((1 + 2^{3!}) \times 4) + (5! + (6! + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) + (((5!/4) + 3)^2) - 1) \\
 283332 &:= (1 + 2^{3!}) + (4^5 - (6 - (7 \times 8! + 9))) &= (9 + (8! \times 7 + ((6 \times 5!) + 4))) + (3!/2 - 1) \\
 283333 &:= (1 - ((2 + 3!)/(4! - 5!))) \times (6! - ((7 \times 8) - 9)) &= ((9 + 8! \times 7) - 6) + (((5!/4) + 3)^2) + 1) \\
 283334 &:= ((1 + ((2 \times 3!)/4)) \times 5) - (6! - (7 \times 8! + 9)) &= (9 + (8! \times 7 + ((6 \times 5!) + 4))) + (3!/2 + 1) \\
 283335 &:= (1 + ((2 \times 3!)/4)) + (5 + (6! + (7 \times 8! + 9))) &= ((9 + 8!) \times 7) - (6 \times (((5 - 4!) \times (3^2)) - 1)) \\
 283336 &:= (1 + (((2 - 3!) \times (4! - 5!)) + 6!)) + (7 \times 8! - 9) &= 9 - ((8 \times ((7! \times 6 - 5!) - (4^{3!+2}))) + 1) \\
 283337 &:= (((((1 + 2!)^3) + 4) \times 5) + 6) + (7 \times 8! - 9) &= (9 + (8! \times 7 + (6! - 5))) + (((4! + 3!)/2) + 1) \\
 283338 &:= 1 - ((2 - 3!) - (4^5 + (6 + (7 \times (8! + 9)))))) &= ((9 + 8! \times 7) - 6!) + (((5 \times (4 + 3!))/2) - 1) \\
 283339 &:= (1 + (2^{3!+4})) + (5 + 6 + (7 \times (8! + 9))) &= (9 + (8! \times 7 + (6! + 5))) + (4 + (3!/2 + 1)) \\
 283340 &:= 1 \times (2 + (3! \times (((4! + (5! + (6! + 7!))) \times 8) - 9))) &= ((9 + 8!) \times 7) - (6 - (((5 + 4!) \times (3!^2)) - 1)) \\
 283341 &:= 1 + (2 + (3! \times (((4! + (5! + (6! + 7!))) \times 8) - 9))) &= (((9 + 8!) \times 7) + 6!) - (5 - (((4! - 3!)^2) - 1)) \\
 283342 &:= 1 \times (2 \times (((3! + 4) \times (5!/6 \times 7)) + 8! - 9)) &= ((9 + 8!) \times 7) - (6 - (((5 + 4!) \times (3!^2)) + 1)) \\
 283343 &:= 1 + (2 \times (((3! + 4) \times (5!/6 \times 7)) + 8! - 9)) &= (9 + 8! \times 7 + 6) + (((5!/4) + 3)^2) - 1) \\
 283344 &:= (1 + 2^{3!}) + (4^5 + (6 + (7 \times 8! + 9))) &= 9 - ((8 \times (7 - (6^5 + 4!^3 \times 2))) + 1)
 \end{aligned}$$

$$\begin{aligned}
 283345 &:= (1 + (2 \times (3! + 4!))) \times (5 + 6! - ((7! - 8!)/9)) &= (9 + 8! \times 7 + 6) + (((5!/4) + 3^2) + 1) \\
 283346 &:= (1 + ((2^{3!} \times 4) + 5!)) + (6! + (7 \times 8! + 9)) &= 9 - ((8 \times (7 - (6^5 + 4!^3 \times 2))) - 1) \\
 283347 &:= 1 - (((2 - 3^4) \times 5) - (6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! + 5))) + (((4! + 3!)/2) + 1) \\
 283348 &:= (1 - (2 \times (((3 + 4!) - 5!) \times 6))) + (7 \times 8! - 9) &= (9 \times (8! - (7! + (6! + 5)))) - (4!^3 \times 2 - 1) \\
 283349 &:= 1 - (2 \times (3! - (((4! + 5) \times 6! \times 7) - 8!/9))) &= (9 + (8! \times 7 + (6! - (5 - 4!)))) + (3!/2 + 1) \\
 283350 &:= 1 + (2 + ((3! \times ((4! + 5) \times 6)) + (7 \times (8! + 9)))) &= ((9 + 8! \times 7) - 6!) + ((5 \times (4 + 3!/2)) + 1) \\
 283351 &:= (1 - ((2 \times 3!! \times 4!)/5)) \times (6 - ((7 \times 8) - 9)) &= (((9 + 8!) \times 7) + 6!) + ((5 + ((4! - 3!)^2)) - 1) \\
 283352 &:= (1 \times 2 + 3!) \times (4 + (5! + (6 - (7! - 8! - 9)))) &= (((9 + 8!) \times 7) + 6) + (((5 + 4!) \times (3!^2)) - 1) \\
 283353 &:= ((1 - 2 \times 3!) \times (4! - 5!)) - (6 - (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6) + ((5!/4) \times (3!^2 + 1)) \\
 283354 &:= (1 + (((2 - 3!) \times (4! - 5!)) + 6!)) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + 6!) + ((5 \times (4^3 + 2)) + 1) \\
 283355 &:= ((1 + (((2 + 3!!) - 4!) \times 5)) + 6^7) - 8 \times 9 &= (((9 + 8!) \times 7) + (6! - 5)) - (4! - (3!/2 + 1)) \\
 283356 &:= (((1 + 2)^3) \times (4 + 5!)) + 6^7 + 8 \times 9 &= (((9 + 8!) \times 7) + 6!) + ((5 + 4) \times (3!^2 + 1)) \\
 283357 &:= (1 \times 2^{3!+4}) + (5 \times 6 + (7 \times (8! + 9))) &= (9 + (8! \times 7 + (6! + 5 + 4))) + (3!/2 - 1) \\
 283358 &:= 1 \times (2 + ((3^4 \times 5) + (6! + 7 \times 8! - 9))) &= (9 + 8! \times 7) - (6 - (((5! + 4) \times (3^2)) - 1)) \\
 283359 &:= 1 + (2 + ((3^4 \times 5) + (6! + 7 \times 8! - 9))) &= (9 + (8! \times 7 + (6! + 5 + 4))) + (3!/2 + 1) \\
 283360 &:= (1 + ((2 \times 3! \times 4!) + 5!)) + (6! + 7 \times 8! - 9) &= (9 + 8! \times 7) - (6 - (((5! + 4) \times (3^2)) + 1)) \\
 283361 &:= (1 + (((2 + 3!)! - (4! \times (5!/6))) \times 7)) + 8!/9 &= 9 \times 8 + ((7 \times (6 + (5! + (4! + (3! + 2)!)))) - 1) \\
 283362 &:= (((1 \times 2 + 3!)! + (4! + (5! + 6))) \times 7) + 8 \times 9 &= (((9 + 8!) \times 7) - 6!) - ((5 \times (4 - 3!/2)) + 1) \\
 283363 &:= (1 \times 2 \times (3!! - (4 + 5!))) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6! + (5 - 4!))) + (3!/2 - 1) \\
 283364 &:= (1 + (2 \times (3!! - (4 + 5!)))) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6!) - ((5 \times (4 - 3!/2)) - 1) \\
 283365 &:= ((1 - 2 \times 3!) \times (4! - 5!)) + (6 + (7 \times (8! + 9))) &= (9 \times ((8! \times 7 + 6!)/5!)) + ((4^3)^2 - 1) \\
 283366 &:= (1 - (2 \times (((3 + 4!) - 5!) \times 6))) + (7 \times 8! + 9) &= ((9 + 8!) \times 7) - (((6 - (5! + 4)) \times (3^2)) - 1) \\
 283367 &:= (((1 + (2 + 3!)!) - (4! \times (5!/6))) \times 7) + 8!/9 &= (9 \times ((8! \times 7 + 6!)/5!)) + ((4^3)^2 + 1) \\
 283368 &:= (1 + (2^{3!} \times (4! + 5))) - (6! - (7 \times 8! - 9)) &= (9 + (8! \times 7 + 6!)) + (((5 \times 4!)/3!)^2 - 1) \\
 283369 &:= (1 \times 2^{3!+4}) + (5! - (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + 6!) - (((5!/4) - 3!)/2) - 1) \\
 283370 &:= (1 + (2^{3!+4})) + (5! - (6 - (7 \times 8! - 9))) &= (9 + 8! \times 7 + 6) + (((5! + 4) \times (3^2)) - 1) \\
 283371 &:= (1 - (2^{3!+4})) \times (5 - (6 \times ((7 \times 8) - 9))) &= (9 + 8! - (((7 + 6!) - 5!) \times 4!)) \times ((3! \times 2) - 1) \\
 283372 &:= (1 - ((2 + 3!)/(4! - 5!))) + (6! + 7 \times 8! - 9) &= (9 + 8! \times 7 + 6) + (((5! + 4) \times (3^2)) + 1) \\
 283373 &:= 1 \times (2 - ((3 \times (4 - 5!)) - (6! + (7 \times (8! + 9)))) &= (9 + 8! \times 7) + (((6! + (5!/4)) \times 3)/2) - 1) \\
 283374 &:= 1 + (2 - ((3 \times (4 - 5!)) - (6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - 6!) - (((5 \times (4 - 3!))/2) - 1) \\
 283375 &:= (1 \times 2 \times (3!! - (4 + 5!))) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6! + 5)) - (((4! - 3!)/2) + 1) \\
 283376 &:= 1 - ((2 + ((3! - 4) \times (5! - 6!))) - (7 \times (8! - 9))) &= (9 + (8! \times 7 + (6! + 5!))) + ((4! \times 3! \times 2) - 1) \\
 283377 &:= (1 - (2^{3!+4})) + (5 \times (6! \times (7 + 8 \times 9))) &= (((9 + 8!) \times 7) + (6! + 5)) - (((4! - 3!)/2) - 1) \\
 283378 &:= (1 + ((2 + 3!) \times (4! + 5!))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6 \times 5! - 4)) + (3!/2 - 1) \\
 283379 &:= (1 + ((2 \times 3!)/4)) - (5 - (6! + (7 \times (8! + 9)))) &= ((9 + 8!) \times 7) - (((6 - ((5! \times 4!) - 3!))/2) + 1) \\
 283380 &:= 1 - ((2 \times (((3 - 4) + 5!) - 6!)) - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6 \times 5! - 4)) + (3!/2 + 1) \\
 283381 &:= 1 - 2 \times 3! - (4^5 - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! - 5)) + (((4 + 3!)/2) + 1) \\
 283382 &:= (1 + (2^{3!+4})) + (5! + ((6 + 7 \times 8!) - 9)) &= (((9 + 8!) \times 7) + 6) + ((5 + 4!) \times (3!^2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 283383 &:= ((1 + 2 \times 3!) \times 4!) + (5! + (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! + 5)) - (4 - (3!!/2 - 1)) \\
 283384 &:= (1 + (2 + 3!)!) + (((4! + (5! + 6 \times 7!)) \times 8) - 9) &= (((9 + 8!) \times 7) + 6) + (5 \times ((4! \times (3^2)) - 1)) \\
 283385 &:= (1 \times 2 + ((3 \times (4! + 5!)) + 6!)) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6) + (((5!/4) + 3^2) - 1) \\
 283386 &:= (1 + (2^{3!} \times (4! + 5!))) - (6! - (7 \times 8! + 9)) &= 9 - ((8 \times (7! - (6!/5 + ((4!/3)! - 2)))) - 1) \\
 283387 &:= (1 \times 2^{3!+4}) + (5! - (6 - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6) + (((5!/4) + 3^2) + 1) \\
 283388 &:= (1 - (2^{3!+4})) - (5 - (6^7 + 8!/9)) &= ((9 + 8! \times 7) - 6!) + (((5 \times (4! + 3!!))/2) - 1) \\
 283389 &:= (1 + ((2 \times 3!!)/4)) + (5 + (6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (6! - 5)) + (((4! + 3!!)/2) - 1) \\
 283390 &:= (1 + ((2 + 3!) \times (4! + 5!))) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) - 6!) + (((5 \times (4! + 3!!))/2) + 1) \\
 283391 &:= 1 \times 2 - ((3 + 4^5) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! - 5)) + (((4! + 3!!)/2) + 1) \\
 283392 &:= (((1 \times 2^{3!}) \times (4 + 5!)) + 6^7) - 8!/9 &= (((9 + 8!) \times 7) - 6!) + (((5 \times (4 + 3!!))/2) - 1) \\
 283393 &:= (1 + ((2^{3!} \times (4 + 5!)) + 6^7)) - 8!/9 &= (9 \times ((8 + 7!) \times 6)) + (((5!/4) \times 3!!/2) + 1) \\
 283394 &:= ((1 - 2) + (3 \times (4 + 5!))) + (6! + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6) - (((5! + (4! - 3!!)) \times 2) + 1) \\
 283395 &:= 1 - (((2 + ((3!! \times 4!)/5)) + 6^7) \times (8 - 9)) &= ((9 + 8! \times 7) - 6) - ((5! + (4! - 3!!)) \times 2 \times 1) \\
 283396 &:= ((1 + 2^{3!}) \times (4! + 5)) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) - (((5! + (4! - 3!!)) \times 2) - 1) \\
 283397 &:= 1 - (((2 - 3!) + 4^5) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6) + (((5!/4) + 3^2) - 1) \\
 283398 &:= (1 - (2^{3!+4})) + (5 + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - 6!) + (5 \times (((4 + 3!!)/2) + 1)) \\
 283399 &:= (1 \times 2^{3!+4}) + (5! + (6 + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6) + (((5!/4) + 3^2) + 1) \\
 283400 &:= (1 + (2^{3!+4})) + (5! + (6 + (7 \times 8! + 9))) &= (9 - ((8! - 7!)/6!)) \times (5 \times (4! - (3!! \times 2 + 1))) \\
 283401 &:= ((1 + 2 \times 3!) \times 4!) + (5! + (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6! + 5)) + (((4! + 3!!)/2) + 1) \\
 283402 &:= (1 + (2 + 3!)!) + (((4! + (5! + 6 \times 7!)) \times 8) + 9) &= (((9 + 8!) \times 7) - 6!) + ((5 \times (4 + 3!!/2)) - 1) \\
 283403 &:= 1 - (2 - (3!! + (4 \times (5! + (6 \times 7! + 8! - 9)))))) &= ((9 + 8! \times 7) - 6) + ((5! - 4) \times (3^2 + 1)) \\
 283404 &:= (1 + 2)! + (3! - (4^5 - (6^7 + 8!/9))) &= (9 + (8! \times 7 + (6! - 5))) + (((4! - 3^2) - 1) \\
 283405 &:= 1 + 2 \times 3! - (4^5 - (6^7 + 8!/9)) &= ((9 + 8!) \times 7) + ((6 \times (5! + 4^3)) - (2 \times 1)) \\
 283406 &:= ((1 + 2^{3!}) \times (4! - 5)) - (6 - (7 \times (8! - 9))) &= (9 + (8! \times 7 + (6! - 5))) + (((4! - 3^2) + 1) \\
 283407 &:= (1 - ((2 - (3!! - 4!)) \times 5)) - (6^7 \times (8 - 9)) &= (9 \times ((8!/7 + 6!) \times 5)) - ((4^{3!} \times 2) + 1) \\
 283408 &:= (1 + ((2 + 3!) \times (4! + 5!))) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) - (((5! + (4! - 3!!)) \times 2) - 1) \\
 283409 &:= (((((1 + 2)!^3) + 4) \times 5) + 6) + (7 \times (8! + 9)) &= (9 + (8! \times 7 + (6 \times 5!))) + (((4! - 3^2) - 1) \\
 283410 &:= 1 \times 2 \times ((3 \times ((4! + (5! + (6! + 7!))) \times 8)) + 9) &= 9 - (8 - (7 \times (6!/5 + (4! + ((3! + 2)! - 1)))))) \\
 283411 &:= 1 - (2 \times ((3! \times (4! - (5! + 6 \times 7!))) + 8! - 9)) &= (9 + (8! \times 7 + (6 \times 5!))) + (((4! - 3^2) + 1) \\
 283412 &:= (((1 + 2) \times 3!! + 4) \times 5) + (6 \times ((7! + 8) \times 9)) &= ((9 + 8!) \times 7) - (6 - (((5! + 4) \times (3^2)) - 1)) \\
 283413 &:= (1 - (2 \times (3 - 4!))) \times (5! + ((6! + (7 - 8)) \times 9)) &= (((9 + 8!) \times 7) + (6! + 5 + 4!)) + (3!!/2 + 1) \\
 283414 &:= ((1 + 2^{3!}) \times (4! + 5)) - (6! - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - (6 - (((5! + 4) \times (3^2)) + 1)) \\
 283415 &:= ((1 \times 2 + 3!^4) - 5!) + ((6 + 7 \times 8!) - 9) &= (9 + 8! \times 7 + 6) + ((5! - 4) \times (3^2 + 1)) \\
 283416 &:= (1 + 2 \times 3! \times 4) \times (5! - (6 - ((7!/8) \times 9))) &= (9 + (8! \times 7 + (6! + 5))) + (((4! - 3^2) + 1) \\
 283417 &:= (1 \times 2 \times (3!! - (4 + 5!))) - (6 - (7 \times 8! - 9)) &= 9 - (8 - (7 \times (6!/5 + (4! + (3! + 2 \times 1)!)))) \\
 283418 &:= (1 + (2 \times (3!! - (4 + 5!)))) - (6 - (7 \times 8! - 9)) &= 9 + 8! + ((7 + (6! + 5!)) \times ((4! \times 3! \times 2) - 1)) \\
 283419 &:= 1 + ((2 + ((3!! - 4!) \times 5)) - (6^7 \times (8 - 9))) &= (((9 + 8!) \times 7) + 6) + ((5!/4) \times (3!^2 + 1)) \\
 283420 &:= (1 - (2 \times 3! - (4 \times 5! + 6!))) + (7 \times 8! - 9) &= ((9 \times 8) + 76) \times (5 \times (4! + (3!!/2 - 1)))
 \end{aligned}$$

$$\begin{aligned}
 283421 &:= ((1 \times 2 + 3!^4) - 5!) - (6 - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + (((6! + 5!) \times 4) - 3!)/(2 + 1)) \\
 283422 &:= 1 \times 2 \times (3!! - ((4 \times ((5 \times 6 + 7!) - 8!)) + 9)) &= (((9 + 8!) \times 7) + 6!) + (((5 \times 4!)/3!)^2 - 1) \\
 283423 &:= (((1 - 2) + 3^4) \times 5) + (6! + (7 \times (8! + 9))) &= (9 - 8) \times (7 \times (6!/5 + (4! + ((3! + 2)! + 1)))) \\
 283424 &:= 1 \times ((2 \times (3!! + 4^5)) - (6^7 \times (8 - 9))) &= (((9 + 8!) \times 7) + 6) + (((5! + 4) \times (3^2)) - 1) \\
 283425 &:= ((1 - ((2 + 3!) \times (4 + 5!))) + 6^7) + 8!/9 &= (9 + (8! \times 7 + (6! + (5! - 4!)))) + (3!!/2 \times 1) \\
 283426 &:= (1 + (2 \times (3! \times 4! + 5!))) + (6! + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6) + (((5! + 4) \times (3^2)) + 1) \\
 283427 &:= (1 \times 2 + (3!! + (4 \times 5!))) - (6 - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) + (((6! + (5!/4)) \times 3)/2 - 1) \\
 283428 &:= (1 - 2) \times (3 - (4 \times 5! + (6! + 7 \times 8! - 9))) &= (9 + ((8! + 7) \times 6)) - ((5 - 4!^3) \times (2 + 1)) \\
 283429 &:= (1 \times 2 \times (3!! - (4 + 5!))) + ((6 + 7 \times 8!) - 9) &= (9 + (8! \times 7 + 6!)) + ((5 \times 4) \times ((3! - 2)! - 1)) \\
 283430 &:= (1 + (2 \times (3!! - (4 + 5!)))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + (6! + 5!)) + ((4! \times 3! \times 2) - 1) \\
 283431 &:= (1 \times 2 \times (3!! - (4! \times (5 - 6! \times 7)))) + (8! - 9) &= ((9 + 8 \times 7!) \times 6) - ((5 - 4!^3) \times (2 + 1)) \\
 283432 &:= (1 - ((2 - 3!) \times (4 \times 5!))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! + 5!)) + ((4! \times 3! \times 2) + 1) \\
 283433 &:= (1 \times 2 + 3!!) + ((4! \times (5!/6)) + 7 \times 8! - 9) &= 9 - (8 \times (7! - (6!/5 + (4 + (3! + 2 \times 1)!)))) \\
 283434 &:= 1 - ((2 \times (((3 - 4) + 5!) - 6!)) - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) - (((5! + (4 - 3!)) \times 2) + 1) \\
 283435 &:= (1 \times 2 \times (3!! - (4 + 5!))) - (6 - (7 \times 8! + 9)) &= 9 - ((8 - ((7 + 6!) \times (5!/4))) \times (3! \times 2 + 1)) \\
 283436 &:= (1 + (2 \times (3!! - (4 + 5!)))) - (6 - (7 \times 8! + 9)) &= (9 \times (8! - (7! + (6! - 5!)))) - (4!^3 \times 2 + 1) \\
 283437 &:= (1 - 2^{3!}) \times (((4! - 5) \times (6 - 7)) - 8!/9) &= (9 \times (8! - (7! + (6! - 5!)))) - (4!^3 \times 2 \times 1) \\
 283438 &:= (1 - (2 \times 3! - (4 \times 5! + 6!))) + (7 \times 8! + 9) &= (9 \times (8! - (7! + (6! - 5!)))) - (4!^3 \times 2 - 1) \\
 283439 &:= 1 + (((2 + 3^4) \times 5) + (6! + (7 \times (8! + 9)))) &= (9 + (8! \times 7 + 6!)) + ((5! \times 4) - (3^2 + 1)) \\
 283440 &:= (1 + (2^{3!} \times (4! + 5!))) - (6! - (7 \times (8! + 9))) &= 9 - (8 - (7! + (((6! + 5) \times (4! + 3!!/2)) - 1))) \\
 283441 &:= (1 - ((2 + 3!)/4!)) - ((5 \times 6! + 7! - 8!) \times 9) &= ((9 \times (8! - 7!)) + 6!) - (((5! + 4! \times 3!!) \times 2) - 1) \\
 283442 &:= (1 + (2^{3!} \times (4! - 5!))) - (6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) - (((5 \times 4!) - 3!!) \times 2 + 1) \\
 283443 &:= ((1 \times 2 \times (3!! - 4!)) - 5!) - (6 - (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6) - (((5 \times 4!) - 3!!) \times 2 \times 1) \\
 283444 &:= (1 + (2 \times 3! + (4 \times 5!))) + (6! + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) - (((5 \times 4!) - 3!!) \times 2) - 1) \\
 283445 &:= (1 - (2 \times (3! + (4 \times 5!)))) + (6^7 + 8!/9) &= (9 \times (8! - 7!)) - ((6! + 5) \times (4! + ((3! - 2)! - 1))) \\
 283446 &:= 1 \times 2 + (((3!! - 4) \times 5) + 6^7) - 8 \times 9 &= (9 + (8! \times 7 + (6! + (5! - 4)))) + (3!!/2 + 1) \\
 283447 &:= ((1 - 2 \times 3!) \times (4 - 5!)) - (6 - (7 \times (8! - 9))) &= (9 + 8! \times 7 + 6) - ((5! + (4 - 3!)) \times 2 \times 1) \\
 283448 &:= 1 - ((2 + ((3! - 4) \times (5! - 6!))) - (7 \times 8! + 9)) &= 9 + 8! + (((((7 \times 6! - 5) \times 4!) + 3!!) \times 2) - 1) \\
 283449 &:= (1 \times 2 \times (3!! - (4! \times (5 - 6! \times 7)))) + (8! + 9) &= (9 + (8! \times 7 + (6! - 5!))) + (4! \times ((3! - 2)! + 1)) \\
 283450 &:= (1 - ((2 - 3!) \times (4 \times 5!))) - (6! - (7 \times 8! + 9)) &= 9 + 8! + (((((7 \times 6! - 5) \times 4!) + 3!!) \times 2) + 1) \\
 283451 &:= (1 \times 2 + 3!!) + ((4! \times (5!/6)) + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - ((5! - (4 + 3!)) \times 2 \times 1) \\
 283452 &:= (1 + (2^{3!} \times (4 \times 5))) - (6 - (7 \times (8! - 9))) &= (9 + (8! \times 7 + (6! + (5! + 4)))) + (3!!/2 - 1) \\
 283453 &:= ((1 \times 2^{3!}) \times (4! - 5)) + ((6 + 7 \times 8!) - 9) &= (9 + (8! \times 7 + (6! + (5! + 4)))) + (3!!/2 \times 1) \\
 283454 &:= (1 + (2^{3!} \times (4! - 5))) + ((6 + 7 \times 8!) - 9) &= (9 + 8! \times 7 + 6) - (((5 \times 4!) - 3!!) \times 2) + 1) \\
 283455 &:= ((1 + 2 \times 3!) \times 4!) + (5! + (6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (6! + 5!)) + (4! \times (3! \times 2 + 1)) \\
 283456 &:= ((1 + (2^{3!} \times 4)) \times 5) - (6 - (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6!) - (5! - (4^{3!}/2 - 1)) \\
 283457 &:= (1 + 2^{3!}) - (4^5 - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - 6) + ((5! - 4) \times (3^2 + 1)) \\
 283458 &:= 1 \times 2 \times (3!! - ((4 \times ((5 \times 6 + 7!) - 8!)) - 9)) &= (((9 + 8!) \times 7) + (6! - 5)) + (((4! - 3!)^2) - 1) \\
 283459 &:= ((1 - 2 \times 3!) \times (4 - 5!)) + (6 + (7 \times (8! - 9))) &= (9 + (8! \times 7 + 6!)) + ((5! \times 4) + (3^2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 283460 &:= ((1 + 2^{3!}) \times (4! - 5)) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! - 5)) + (((4! - 3!)^2) + 1) \\
 283461 &:= (1 + 2) \times ((3!! \times (4 + 5!)) + (6! + (7 + 8!/9))) &= 9 + 8! - (((7 - 6!) \times (5 - (4! - 3!!/2))) + 1) \\
 283462 &:= (1 + (2 \times 3! + (4 \times 5!))) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6) - (((5! + (4! - 3!!)) \times 2) - 1) \\
 283463 &:= ((1 + (2 \times (3 - (4 \times 5!)))) + 6^7) + 8!/9 &= (((9 + 8!) \times 7) + (6 \times 5!)) + (((4! - 3!)^2) - 1) \\
 283464 &:= ((1 \times 2 + 3!^4) - 5) - (6 - (7 \times (8! - 9))) &= (9 + 8! \times 7 + 6) - (((5! - (4 + 3!!)) \times 2) - 1) \\
 283465 &:= (1 - 2 \times 3!!) - ((4! + (5 \times 6! + 7! - 8!)) \times 9) &= (((9 + 8!) \times 7) + (6 \times 5!)) + (((4! - 3!)^2) + 1) \\
 283466 &:= ((1 \times 2 + ((3!! \times 4!)/5)) + 6^7) + 8 \times 9 &= (((9 + 8!) \times 7) + (6! + (5! \times 4))) - (3!^2 + 1) \\
 283467 &:= ((1 + 2)!! - 3!) + ((4 \times (5! + 6)) + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6! + 5!)) + ((4! - 3!)^2 \times 1) \\
 283468 &:= 1 \times ((2 \times (3! - (4 \times 5!))) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! + 5!)) + (((4! - 3!)^2) - 1) \\
 283469 &:= 1 + ((2 \times (3! - (4 \times 5!))) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6) + ((5! - 4) \times (3^2 + 1)) \\
 283470 &:= (1 + (2 \times (3 + 4!))) \times (5! + ((6 - 7!) \times (8 - 9))) &= (((9 + 8!) \times 7) + (6! + 5!)) + (((4! - 3!)^2) + 1) \\
 283471 &:= ((1 \times 2^{3!}) \times (4! - 5)) + (6 + (7 \times 8! + 9)) &= 9 + ((8! \times 7 + (6^5/4)) - (3!! + 2 \times 1)) \\
 283472 &:= ((1 + 2^{3!}) \times (4! - 5)) + ((6 + 7 \times 8!) - 9) &= (9 + (8! \times 7 + (6 \times (5! + 4!)))) + (3!!/2 - 1) \\
 283473 &:= (1 + (((2 + 3!)! - (4! - (5! + 6!))) \times 7)) - 8!/9 &= (9 + (8! \times 7 + (6 \times (5! + 4!)))) + (3!!/2 \times 1) \\
 283474 &:= (1 + (2 \times (3!! + (4! - 5!)))) - (6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6 \times (5! + 4!)))) + (3!!/2 + 1) \\
 283475 &:= (1 \times 2 + 3!!) + ((4 \times (5! + 6)) + (7 \times 8! + 9)) &= (9 + 8! \times 7) - ((6 - ((5^4) - 3!)) \times 2 \times 1) \\
 283476 &:= ((1 \times 2 + 3!^4) - 5) + (6 + (7 \times (8! - 9))) &= (9 + 8! \times 7) - (((6 - ((5^4) - 3!)) \times 2) - 1) \\
 283477 &:= (((1 + 2)!^3) + 4^5) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - ((6 - 5!) \times 4)) + (3!! - (2 \times 1)) \\
 283478 &:= ((1 + 2^{3!}) \times (4! - 5)) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6! + (5! - 4!))) + (3!!/2 - 1) \\
 283479 &:= (((1 + (2 + 3!)!) - (4! - (5! + 6!))) \times 7) - 8!/9 &= (((9 + 8!) \times 7) + (6! + (5! - 4!))) + (3!!/2 \times 1) \\
 283480 &:= (1 + (2 \times (3! \times 4! + 5!))) + (6! + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) + (((5^4) - 3!) \times 2) - 1) \\
 283481 &:= (1 - 2 \times 3!) \times ((4 \times 5 \times (6! + 7)) - 8! + 9) &= 9 \times 8 + (7 \times (6!/5 + (4! + ((3! + 2)! - 1)))) \\
 283482 &:= 1 \times 2 \times (((3!!/4) + 5^6) - (7 \times 8)) \times 9 &= ((9 + 8! \times 7) - 6) + (((5^4) - 3!) \times 2) + 1) \\
 283483 &:= ((1 \times 2 \times (3!! - 4)) - 5!) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6!) + ((5 \times 4) \times ((3! - 2)! - 1)) \\
 283484 &:= (1 + (2 \times (3!! - 4))) - (5! + (6 - (7 \times (8! - 9)))) &= (9 + (8! \times 7 + 6!)) + (((5! \times 4) + 3!^2) - 1) \\
 283485 &:= (((1 + 2) \times (3!! - 4)) - 5!) - (6! - (7 \times (8! - 9))) &= ((9 + (8! + ((7! \times 6) + 5!))) \times 4) + (3^{(2+1)!}) \\
 283486 &:= (1 + (2 \times (3!! + (4! - 5!)))) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) - 6) + (((5^4) - 3) \times 2) - 1) \\
 283487 &:= 1 \times ((2 + 3!^4) - (5! - (6 + (7 \times (8! + 9)))) &= ((9 + 8! \times 7) - 6) + (((5^4) - 3) \times 2 \times 1) \\
 283488 &:= (1 + 2 \times 3!! - (4 + (5! + 6))) + (7 \times (8! - 9)) &= ((9 + 8! \times 7) - 6) + (((5^4) - 3) \times 2) + 1) \\
 283489 &:= (1 + ((2 + 3!) \times (4 - 5!))) + (6^7 + 8!/9) &= 9 \times 8 + ((7 \times (6!/5 + (4! + (3! + 2)!))) + 1) \\
 283490 &:= ((1 + 2^{3!}) \times (4! - 5)) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7) + (((6! - (5! - (4! - 3!))) \times 2) - 1) \\
 283491 &:= 1 + ((2 + ((3!! - 4!) \times 5)) + (6^7 + 8 \times 9)) &= ((9 + 8! \times 7) - 6) + ((5! - 4!) \times (3! \times 2 + 1)) \\
 283492 &:= (1 + (2 \times (3!! + (4! - 5!)))) - (6 - (7 \times 8! + 9)) &= (9 + 8! \times 7) + ((6 + (((5^4) - 3!) \times 2)) - 1) \\
 283493 &:= (1 \times 2 + ((3! + 4) \times (5! + 6))) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6!) + ((5! \times 4) - (3^2 + 1)) \\
 283494 &:= 1 - ((2 \times (3! - 4^5)) + (6! - (7 \times (8! - 9)))) &= (9 + 8! \times 7 + 6) + (((5^4) - 3!) \times 2) + 1) \\
 283495 &:= ((1 \times 2^{3!}) + (4 \times 5!)) + (6! + 7 \times 8! - 9) &= 9 \times 8 + (7 \times (6!/5 + (4! + ((3! + 2)! + 1)))) \\
 283496 &:= (1 + 2^{3!}) + (4 \times 5! + (6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + 6!)) + (((5! + 4! \times 3!) \times 2) - 1) \\
 283497 &:= ((1 \times 2 \times (3!! - 4!)) - 5!) - (6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) + ((6 \times (5^4))/3)) - 2 \times 1
 \end{aligned}$$

$$\begin{aligned}
 283498 &:= ((1 + (2 \times (3!! - 4!))) - 5!) - (6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) + (((5^4) + 3) \times 2) - 1 \\
 283499 &:= ((1 \times 2 \times (3!! + 4)) - 5!) - (6 - (7 \times (8! - 9))) &= (9 \times (8!/7)) + (((6! - 5) \times ((4! - 3!)^2)) - 1) \\
 283500 &:= (1 - (2 \times (3 - 4^5))) - (6! - (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6) + (((5^4) + 3) \times 2) + 1) \\
 283501 &:= ((1 - 2 \times 3!) \times (4 - 5!)) - (6 - (7 \times 8! - 9)) &= (9 \times (8!/7)) + (((6! - 5) \times ((4! - 3!)^2)) + 1) \\
 283502 &:= (1 + (2 \times (3!! - (4 + 5!)))) + (6 + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6) + (((5! \times (4! - 3!))/2) - 1) \\
 283503 &:= (1 \times 2 + 3!!) + (4 - (5! - (6! + (7 \times (8! - 9)))))) &= (9 + 8! \times 7 + 6) + ((5! - 4!) \times (3! \times 2 + 1)) \\
 283504 &:= (1 + (2 \times (3!! + (4! - 5!)))) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7) - (6 - (((5^4) + 3!) \times 2) - 1) \\
 283505 &:= (1 \times 2 + 3!!) + ((4! \times (5!/6)) + (7 \times (8! + 9))) &= (9 + 8! \times 7) - (6 - (((5^4) + 3!) \times 2 \times 1)) \\
 283506 &:= (1 + (2^{3!} \times (4 \times 5))) - (6 - (7 \times 8! - 9)) &= (9 + 8! \times 7 + 6) + (((5^{4!/3!}) \times 2) + 1) \\
 283507 &:= ((1 - ((2 + (3!!/4)) \times 5)) + 6^7) + 8!/9 &= (9 + 8! \times 7) - (((6 - (5! \times (4! - 3!)))/2) - 1) \\
 283508 &:= (1 + (2 \times 3!! + 4 - 5!)) + (6 + (7 \times (8! - 9))) &= ((9 + 8! \times 7) + ((6!/5!)^4)) - (3!^2 + 1) \\
 283509 &:= (1 \times 2 + 3!^4) - (5!/6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) - (((5 \times 4!) - 3!!) \times 2 \times 1) \\
 283510 &:= ((1 + (2^{3!} \times 4)) \times 5) - (6 - (7 \times 8! - 9)) &= (9 + 8! \times 7 + 6) + (((5^4) + 3) \times 2) - 1) \\
 283511 &:= (1 \times 2 + ((3! + 4) \times (5! + 6))) + (7 \times 8! + 9) &= (9 \times 8 \times (7! - 6!)) + (5! - (4!^3 \times 2 + 1)) \\
 283512 &:= (1 + (2 \times (3 + 4^5))) - (6! - (7 \times (8! - 9))) &= (9 + 8! \times 7 + 6) + (((5^4) + 3) \times 2) + 1) \\
 283513 &:= (1 - (2^{3!+4})) + (5! + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6!) + ((5! \times 4) + (3^2 + 1)) \\
 283514 &:= (1 + 2^{3!}) + (4 \times 5! + (6! + (7 \times 8! + 9))) &= (9 + 8! \times 7 + 6) + (((5! \times (4! - 3!))/2) - 1) \\
 283515 &:= ((1 \times 2 \times (3!! - 4!)) - 5!) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6 + 5!)) - ((4! - 3!!) \times 2 \times 1) \\
 283516 &:= ((1 + 2^{3!}) \times (4 + 5!)) + (6^7 - 8!/9) &= (9 + 8! \times 7 + 6) + (((5^4) + 3!) \times 2) - 1) \\
 283517 &:= (1 \times 2 \times (3! + 4^5)) - (6! - (7 \times (8! - 9))) &= (9 + 8! \times 7) + (6 + (((5^4) + 3!) \times 2 \times 1)) \\
 283518 &:= (1 + (2 \times (3! + 4^5))) - (6! - (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6!) - (((5! - 4^{3!})/2) - 1) \\
 283519 &:= ((1 - 2 \times 3!) \times (4 - 5!)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) + ((5! - 4) \times ((3! \times 2) - 1)) \\
 283520 &:= 1 \times 2 + (3 \times ((4! - 5) \times ((6 + 7!) - 8 \times 9))) &= ((9 + (8! \times 7!/6!)) - 5!) - (((4! - 3!!) \times 2) + 1) \\
 283521 &:= ((1 + ((2 + 3!)! + 4))/5) + (6^7 - 8!/9) &= ((9 + (8! \times 7!/6!)) - 5!) - ((4! - 3!!) \times 2 \times 1) \\
 283522 &:= (1 + 2 \times 3!! - 4!) - (5! + (6 - (7 \times 8! - 9))) &= ((9 + (8! \times 7!/6!)) - 5!) - (((4! - 3!!) \times 2) - 1) \\
 283523 &:= (1 \times 2 + 3!! + 4!) - (5! - (6! + (7 \times (8! - 9)))) &= 9 \times 8 + (7 \times ((6 \times (5 + 4!)) + ((3! + 2)! - 1))) \\
 283524 &:= (1 + (2^{3!} \times (4 \times 5))) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) + ((5 \times (4^{3! - 2})) + 1) \\
 283525 &:= (((1 + ((2 + 3!)! + 4!))/5) + 6^7) - 8!/9 &= (9 + (8! \times 7!/6!)) + ((5! - 4) \times ((3! \times 2) - 1)) \\
 283526 &:= (1 + (2^{3!} \times (4! - 5))) + (6 + (7 \times (8! + 9))) &= (9 + (8! \times 7 + (6 - 5!))) - (((4! - 3!!) \times 2) + 1) \\
 283527 &:= (1 + ((2 - (3!!/4)) \times 5)) + (6^7 + 8!/9) &= (9 + (8! - 7) \times 6) - (5! \times (((4! - 3!!)/2) + 1)) \\
 283528 &:= (1 - 2 \times 3!!) + ((4! \times (5! - 6)) + 7 \times 8! - 9) &= (9 + (8! \times 7 + (6 - 5!))) - (((4! - 3!!) \times 2) - 1) \\
 283529 &:= ((1 \times 2 + 3!!) - (4! + 5!)) + (6! + 7 \times 8! - 9) &= (9 + (8! \times 7 + 6!)) + ((5! + ((4! - 3!)^2)) - 1) \\
 283530 &:= ((1 \times 2 + 3!^4) - 5) + ((6 + 7 \times 8!) - 9) &= ((9 + 8!) \times 7) - (((6 - ((5^4) - 3!)) \times 2) - 1) \\
 283531 &:= ((1 - 2 \times 3!) \times (4 - 5!)) + (6 + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! + 5!))) + (((4! - 3!)^2) + 1) \\
 283532 &:= ((1 + 2^{3!}) \times (4! - 5)) - (6 - (7 \times (8! + 9))) &= 9 - (8 - (((7 + 6!) \times ((5!/4) + 3!!/2)) + 1)) \\
 283533 &:= 1 + (2 + (3! \times (((4 + (5! + 6!)) \times 7 \times 8) - 9))) &= 9 + 8! + (7! - (6 \times ((5^4) - ((3! + 2)! - 1)))) \\
 283534 &:= (1 + 2 \times 3!! - 4!) - (5! - ((6 + 7 \times 8!) - 9)) &= (((9 + 8!) \times 7) - 6) + (((5^4) - 3!) \times 2) - 1) \\
 283535 &:= 1 \times 2 + (((3!! - 4) \times 5) + (6^7 + 8 + 9)) &= ((9 + 8! \times 7) + ((6!/5!)^4)) - (3^2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 283536 &:= ((1 \times 2 + 3!^4) - 5) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6) + (((5^4) - 3!) \times 2) + 1 \\
 283537 &:= ((1 \times 2 \times (3!! - 4)) - 5!) - (6 - (7 \times 8! - 9)) &= (((9 \times (8!/7)) + 6!) \times 5) + (((4! \times 3!)^2) + 1) \\
 283538 &:= (1 + (2 \times (3!! - 4))) - (5! + (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + 6!) + (((5! \times 4) + 3!)^2) - 1 \\
 283539 &:= (1 \times 2 \times (3!! + 4!)) - (5! + (6 - (7 \times (8! - 9)))) &= (9 + (8! \times 7 + (6! - 5))) + ((4! \times (3! - 2)!) - 1) \\
 283540 &:= (1 + 2 \times 3!! - 4!) - (5! + (6 - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6) + (((5^4) - 3) \times 2) - 1 \\
 283541 &:= ((1 + 2)!! - (3! + 4)) - (5! - (6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! - 5))) + ((4! \times (3! - 2)!) + 1) \\
 283542 &:= (1 + 2 \times 3!! - (4 + (5! + 6))) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6) + (((5^4) - 3) \times 2) + 1 \\
 283543 &:= 1 - (2 - (3!^4 + ((5 - 6) + (7 \times 8! + 9)))) &= ((9 + 8! \times 7) + ((6^5 - 4!)/3!)) + (2 \times 1) \\
 283544 &:= ((1 + 2^{3!}) \times (4! - 5)) + (6 + (7 \times (8! + 9))) &= ((9 + 8!) \times 7) + (((6! - (5! - (4! - 3))) \times 2) - 1) \\
 283545 &:= 1 - (2 - (3!^4 - ((5 - 6) - (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) - 6) + ((5! - 4!) \times (3! \times 2 + 1)) \\
 283546 &:= (1 + 2 \times 3!! - (4! \times 5)) - (6 - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) + ((6 + (((5^4) - 3!) \times 2)) - 1) \\
 283547 &:= ((1 \times 2 + 3!!) - (4! + 5!)) + (6! + (7 \times 8! + 9)) &= (9 + 8! \times 7) - ((6 - (5! + 4)) \times ((3! \times 2) - 1)) \\
 283548 &:= (1 - (2 \times (3! - 4^5))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) + (((5^4) - 3!) \times 2) + 1 \\
 283549 &:= (1 \times 2 + 3!^4) + (5!/6 + 7 \times 8! - 9) &= (9 + (8! \times 7 + (6! + 5))) + ((4! \times (3! - 2)!) - 1) \\
 283550 &:= (1 + (2 \times 3!! + 4 - 5!)) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) + (((5! + 4! \times 3!) \times 2) - 1) \\
 283551 &:= (1 \times 2 \times (3!! + 4!)) - (5! - (6 + (7 \times (8! - 9)))) &= (9 + (8! \times 7 + (6! + 5))) + ((4! \times (3! - 2)!) + 1) \\
 283552 &:= (1 + 2 \times 3!! - 4!) - (5! - (6 + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6) + (((5^4) + 3) \times 2) - 1 \\
 283553 &:= 1 \times 2 + (3!! - ((4! \times 5) - (6! + 7 \times 8! - 9))) &= (((9 + 8!) \times 7) + 6!) + (((5 \times 4) + 3!)^2) + 1 \\
 283554 &:= (1 - (2 \times (3 - 4^5))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6) + (((5^4) + 3) \times 2) + 1 \\
 283555 &:= ((1 \times 2 \times (3!! - 4)) - 5!) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) + ((6!/5!)^4)) + 3^2 + 1 \\
 283556 &:= (1 + (2 \times (3!! - 4))) - (5! + (6 - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6) + (((5! \times (4! - 3))/2) - 1) \\
 283557 &:= (1 \times 2 + 3!!) + (4 - (5! - (6! + 7 \times 8! - 9))) &= ((9 + (8! \times 7 + 6!)) + 5^4) - (3!^2 + 1) \\
 283558 &:= (1 + 2 \times 3!! - (4! \times 5)) + ((6 + 7 \times 8!) - 9) &= ((9 + 8!) \times 7) - (6 - (((5^4) + 3!) \times 2) - 1) \\
 283559 &:= ((1 + (2 \times (3!! - 4!))) - 5) - (6 - (7 \times (8! - 9))) &= ((9 + (8! \times 7 + 6!)) + 5^4) - (3!^2 - 1) \\
 283560 &:= (1 + 2 \times 3!! - (4 + (5! + 6))) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + 6) + (((5^{4!/3!}) \times 2) + 1) \\
 283561 &:= (1 - ((2 \times 3!! \times 4!) + (5! - 6!))) - ((7! - 8!) \times 9) &= ((9 + 8!) \times 7) - (((6 - (5! \times (4! - 3)))/2) - 1) \\
 283562 &:= (1 + (2 \times 3!! + 4 - 5!)) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + ((6!/5!)^4)) - (3!^2 + 1) \\
 283563 &:= (1 + 2) \times (((3!! - 4) \times ((5!/6 \times 7) - 8)) + 9) &= (((9 + 8!) \times 7) + ((6! \times 5)/4)) + (3!!/2 \times 1) \\
 283564 &:= (1 + 2 \times 3!! - (4! \times 5)) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6) + (((5^4) + 3) \times 2) - 1 \\
 283565 &:= ((1 \times 2 \times (3 + 4^5)) - 6!) + (7 \times 8! - 9) &= ((9 + (8! \times 7!/6!)) - 5!) + (4 \times (3!!/2 - 1)) \\
 283566 &:= (1 + (2 \times (3 + 4^5))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) + (((5^4) + 3) \times 2) + 1 \\
 283567 &:= (1 \times 2 + 3!^4) + (5!/6 + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! - ((5 \times 4!) - 3!)))) - 2 \times 1 \\
 283568 &:= (1 + (2 \times 3!! + 4 - 5!)) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6) + (((5! \times (4! - 3))/2) - 1) \\
 283569 &:= (1 + ((2 \times (3!! - 4!)) + 5)) - (6 - (7 \times (8! - 9))) &= (9 + 8 \times 7! \times 6) - (5! \times (((4! - 3!)/2) + 1)) \\
 283570 &:= (1 + (2 \times 3!! + (4! - 5!))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) + (((5^4) + 3!) \times 2) - 1 \\
 283571 &:= ((1 + (2 \times (3!! - 4!))) - 5) + (6 + (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6!) - (5 - (4^{3!}/2 - 1)) \\
 283572 &:= (1 + (2 \times (3! + 4^5))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!) - (((5! - 4^{3!})/2) - 1) \\
 283573 &:= ((1 - 2 \times 3!) \times (4 - 5!)) - (6 - (7 \times (8! + 9))) &= ((9 + 8! \times 7) - (6! + 5)) + (4^{3!}/2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 283574 &:= (1 + 2 \times 3!! - 4!) - (5!/6 - (7 \times (8! - 9))) &= (9 + 8! \times 7 + 6) - ((5 \times 4!) - (3!! \times 2 - 1)) \\
 283575 &:= (1 \times 2 + 3!!) + (4 - (5! - (6! + (7 \times 8! + 9)))) &= ((9 \times (8 + (7! \times (6!/5!))))/4!) \times ((3! - 2)! + 1) \\
 283576 &:= (1 + 2 \times 3!! - (4! \times 5)) + (6 + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6 \times 5!)) + (4^{3!}/2 - 1) \\
 283577 &:= (1 \times 2 + 3!! + 4!) - (5! - (6! + 7 \times 8! - 9)) &= ((9 + 8!) \times 7) + ((6 + ((5^4) + 3!)) \times 2 \times 1) \\
 283578 &:= (1 + (2^{3!} \times (4 \times 5))) - (6 - (7 \times (8! + 9))) &= 9 + 8! + (((7^6 - (5! - 4^{3!})) \times 2) - 1) \\
 283579 &:= (1 \times 2 \times (3!! - 4)) - (5 \times 6 - (7 \times (8! - 9))) &= ((9 + 8!) \times 7!/6!) + ((5! - 4) \times ((3! \times 2) - 1)) \\
 283580 &:= (1 + (2 \times 3!! + 4 - 5!)) + (6 + (7 \times 8! + 9)) &= 9 + 8! + (((7^6 - (5! - 4^{3!})) \times 2) + 1) \\
 283581 &:= (1 + ((2 \times (3!! - 4!)) + 5)) + (6 + (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6!) + ((5 + (4^{3!}/2)) - 1) \\
 283582 &:= (1 + (2 \times 3!! + (4! - 5!))) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) + ((6!/5!)^4)) + 3!^2 + 1 \\
 283583 &:= (1 + 2 \times 3!! - (4! + 5)) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6!) + ((5! + ((4! - 3!)^2)) - 1) \\
 283584 &:= (((1 - 2 \times 3!!) \times 4!) - (5! - 6!)) - ((7! - 8!) \times 9) &= ((9 + (8! \times 7 + 6!)) + 5^4) - (3^2 + 1) \\
 283585 &:= 1 - ((2^{3!} \times 4!) + ((5 \times 6! + 7! - 8!) \times 9)) &= (((9 + 8!) \times 7) + (6! + 5!)) + (((4! - 3!)^2) + 1) \\
 283586 &:= (1 + (2 \times (3!! - (4! - 5)))) + (6 + (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6) - (5! - (4! + (3!! \times 2 - 1))) \\
 283587 &:= ((1 \times 2^{3!}) \times 4!) - (5! + (6 - (7 \times (8! - 9)))) &= ((9 + (8! \times 7 + 6!)) + 5^4) - (3! + (2 - 1)) \\
 283588 &:= (1 + (2 \times 3!! + (4! - 5!))) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - (5! - (4! + (3!! \times 2 + 1))) \\
 283589 &:= (1 \times 2 \times (3! + 4^5)) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + ((6!/5!)^4)) - (3^2 + 1) \\
 283590 &:= (1 + (2 \times (3! + 4^5))) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!/5) - (((4 - 3!!) \times 2) + 1) \\
 283591 &:= ((1 + 2)!! + (3 - 4!)) - (5 - (6! + (7 \times (8! - 9)))) &= (9 \times ((8! - ((7 - 6!) \times 5!))/4)) + (3!!/2 + 1) \\
 283592 &:= 1 \times 2 \times (3!! - (4 \times (5!/6 + (7! - 8! - 9)))) &= (((9 + 8!) \times 7) - 6) - (5! + (4! - (3!! \times 2 - 1))) \\
 283593 &:= (1 \times 2 \times (3!! + 4!)) - (5! + (6 - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6!) + ((5^4) + (3!! \times 2 - 1)) \\
 283594 &:= ((1 + (2 \times (3!! + 4!))) - 5!) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6!/5 + 4)) + 3!! \times 2 - 1 \\
 283595 &:= (1 + 2 \times 3!! - (4! + 5)) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6!/5) + (4 \times (3!!/2 - 1)) \\
 283596 &:= (1 + (2 \times (3!! + 4))) - (5 \times 6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - (6!/5 + 4)) + (3!! \times 2 + 1) \\
 283597 &:= 1 - (2 - (3!^4 + ((5 - 6) + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + ((6^5 - 4!)/3!)) + (2 \times 1) \\
 283598 &:= (1 + 2 \times 3!!) - (((4! \times 5)/6) - (7 \times (8! - 9))) &= (9 + (8! \times 7 + (6 - 5!))) + (4! + (3!! \times 2 - 1)) \\
 283599 &:= ((1 \times 2^{3!}) \times 4!) - (5! - (6 + (7 \times (8! - 9)))) &= ((9 + 8! \times 7 + 6) + 5^4) + (3!! - (2 - 1)) \\
 283600 &:= (1 + (2 \times 3!! + (4! - 5!))) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - ((6 - 5!) \times 4!)) - (3!! \times 2 - 1) \\
 283601 &:= (1 \times 2 + (3!^4 + 5!)) + (6 + (7 \times (8! - 9))) &= ((9 + 8!) \times 7) - ((6 - (5! + 4)) \times ((3! \times 2) - 1)) \\
 283602 &:= (1 + (2 \times 3!! + 4)) - (5!/6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6!/5) + ((4 + 3!! \times 2) - 1) \\
 283603 &:= (1 \times 2 \times (3!! - 4!)) - (5!/6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! + 5)) + ((4! \times (3! - 2)!)) - 1) \\
 283604 &:= (1 + (2 \times (3!! - 4!))) - (5!/6 - (7 \times 8! - 9)) &= ((9 + (8! \times 7 + 6!)) + 5^4) + 3^2 + 1 \\
 283605 &:= (1 \times 2 \times (3!! + 4!)) - (5! - ((6 + 7 \times 8!) - 9)) &= ((9 \times (8 + ((7! - 6!) \times 5!))/4!) \times (3!^2 - 1) \\
 283606 &:= ((1 + (2 \times (3!! + 4!))) - 5!) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + (6 - (5! + 4!))) + (3!! \times 2 + 1) \\
 283607 &:= (1 - (2 \times (3^4 \times 5))) + (6^7 + 8!/9) &= ((9 + 8! \times 7) - 6) + ((5! + 4) \times ((3! \times 2) - 1)) \\
 283608 &:= ((1 - 2^{3!}) \times 4!) - ((5 \times 6! + 7! - 8!) \times 9) &= (((9 + 8!) \times 7) - 6) - (5! + (((4 - 3!!) \times 2) + 1)) \\
 283609 &:= 1 \times 2 - (((3! - 4) \times (5 - 6!)) - (7 \times (8! - 9))) &= (9 \times (8! - (7! + 6))) - (((5! + 4^3)^2) + 1) \\
 283610 &:= 1 \times 2 - (((3!! - 4!) \times 5) - (6^7/8)) \times 9 &= ((9 + 8! \times 7) - 6) - (5! - (((4! + 3!!) \times 2) - 1)) \\
 283611 &:= (((1 - (2 \times 3^4)) \times 5) + 6^7) + 8!/9 &= (9 \times (8! - (7! + 6))) - (((5! + 4^3)^2) - 1) \\
 283612 &:= ((1 + (2 \times (3!! + 4!))) - 5!) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - (5! - (((4! + 3!!) \times 2) + 1))
 \end{aligned}$$

$$\begin{aligned}
 283613 &:= (1 + (((2 + 3!)! - (4 - (5! + 6!))) \times 7)) - 8!/9 &= (((9 + 8!) \times 7) + 6!) + 5^4 - (3!^2 - 1) \\
 283614 &:= (1 + 2 \times 3!! - 4!) + (5!/6 + (7 \times (8! - 9))) &= ((9 + 8 \times 7!) \times 6) - (5! \times (((4! - 3!)/2) + 1)) \\
 283615 &:= ((1 + (2 \times (3!! + 4))) - 5) - (6 - (7 \times (8! - 9))) &= (9 + ((8! + 7) \times 6)) + ((5! - 4) \times (3!!/2 - 1)) \\
 283616 &:= 1 \times 2 \times (3!! - (4 \times (((5 - 6) + 7!) - 8! + 9))) &= (9 \times ((8 + 7!) \times 6)) + (((5 \times (4! - 3))^2) - 1) \\
 283617 &:= 1 - (2 - (3!! - (4 - 5 - (6! + (7 \times (8! - 9)))))) &= ((9 + (8! \times 7 + 6!)) + 5^4) + ((3! - 2)! - 1) \\
 283618 &:= (1 - (2 \times (3! \times (4 - 5!)))) - (6 - (7 \times 8! - 9)) &= (9 \times ((8 + 7!) \times 6)) + (((5 \times (4! - 3))^2) + 1) \\
 283619 &:= (((1 + (2 + 3!)!) - (4 - (5! + 6!))) \times 7) - 8!/9 &= (9 + 8! \times 7 + 6) + ((5! + 4) \times ((3! \times 2) - 1)) \\
 283620 &:= (1 + (2 \times (3!! - (4! + 5)))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6) - (5! - ((4 + 3!! \times 2) - 1)) \\
 283621 &:= (1 \times 2 \times (3!! - 4!)) - (5!/6 - (7 \times 8! + 9)) &= (9 - ((8 - ((7 + 6!) \times 5!)/4)) \times (3! \times 2 + 1) \\
 283622 &:= (1 + (2 \times (3!! - 4!))) - (5!/6 - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6 - 5!))) + (((4! + 3!!) \times 2) - 1) \\
 283623 &:= (1 + ((2 \times (3!! - 4!)) + 5)) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) + 5^4 - ((3! - 2)! + 1) \\
 283624 &:= ((1 + (2 \times (3!! + 4!))) - 5!) + (6 + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6 - 5!))) + (((4! + 3!!) \times 2) + 1) \\
 283625 &:= ((1 + (2 \times (3!! - 4!))) - 5) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6!) - (5 - (4^{3!}/2 - 1)) \\
 283626 &:= (1 + (2 \times (3!! - (4! + 5)))) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - (((5 + 4!) - 3!!) \times 2 - 1) \\
 283627 &:= (1 + (2 \times (3!! \times (4! + 5)))) + (6 \times (7! \times 8 - 9)) &= (((9 + 8!) \times 7) - (6! + 5)) + (4^{3!}/2 + 1) \\
 283628 &:= (1 + 2 \times 3!! - 4!) - (5!/6 - (7 \times 8! - 9)) &= (9 + 8! \times 7) + (((6 \times 5! - (4! + 3!)) \times 2) - 1) \\
 283629 &:= (1 \times 2 \times (3!! - 4)) + (5!/6 + (7 \times (8! - 9))) &= ((9 + (8! \times 7 + 6!)) + 5^4) + (3!^2 - 1) \\
 283630 &:= (1 - (2 \times (3! \times (4 - 5!)))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - (6 \times 5!)) + (4^{3!}/2 - 1) \\
 283631 &:= ((1 + (2 \times (3!! - 4!))) - 5) - (6 - (7 \times 8! + 9)) &= ((9 + (8! \times 7 + 6!)) + 5^4) + 3!^2 + 1 \\
 283632 &:= (1 + (2 \times (3!! - (4 \times (5 - 6 \times 7!)))) + (8! - 9) &= (((9 + 8!) \times 7) - (6 \times 5!)) + (4^{3!}/2 + 1) \\
 283633 &:= (1 - (2 \times (3!! + 4!))) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 \times (8! - (7! + (6! \times 5)))) - (((4! + 3!!) \times 2) - 1) \\
 283634 &:= (1 + 2 \times 3!! - 4) + (5!/6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + ((6!/5!)^4)) + (3!^2 - 1) \\
 283635 &:= (1 + ((2 \times (3!! - 4!)) + 5)) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6!) + ((5 + (4^{3!}/2)) - 1) \\
 283636 &:= (1 - (2 \times (3! \times (4 - 5!)))) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) + (((5! + 4^{3!})/2) - 1) \\
 283637 &:= (1 + 2 \times 3!! - (4! + 5)) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!) + (5 + (4^{3!}/2 + 1)) \\
 283638 &:= (1 + (2 \times (3!! - (4! + 5)))) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) + 5^4 - (3^2 + 1) \\
 283639 &:= (1 \times 2 \times (3!! - (4! - 5))) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) - 6) + (5 - (((4! - 3!)/2) \times 2) + 1) \\
 283640 &:= (1 + (2 \times (3!! - (4! - 5)))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6) - (5! - (4! + (3!! \times 2 - 1))) \\
 283641 &:= 1 - (2 - (3!! - (4! + (5 - (6! + 7 \times 8! - 9)))))) &= ((9 + 8! \times 7) - 6) + (5 - (((4! - 3!)/2) \times 2) - 1) \\
 283642 &:= (1 + 2^{3!} \times 4!) - (5! + (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - 6) - (5! - (4! + (3!! \times 2 + 1))) \\
 283643 &:= ((1 + (2 \times (3!! - 4!))) - 5) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) - ((5 + ((4! - 3!)/2)) - 1) \\
 283644 &:= (1 + (2 \times (3!! - 4))) - (5!/6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) + (((5 - (4! - 3!)) \times 2) - 1) \\
 283645 &:= (1 - 2 \times 3!!) - ((4 + (5 \times 6! + 7! - 8!)) \times 9) &= (9 + ((8! \times 7!/6!) + 5)) - (((4! - 3!)/2) \times 2) + 1) \\
 283646 &:= (1 + 2 \times 3!! - 4!) - (5!/6 - (7 \times 8! + 9)) &= (9 + (8! - 7) \times 6) - ((5! \times ((4! - 3!)/2)) + 1) \\
 283647 &:= (1 + 2 \times 3!! - 4!) + (((5 - 6) + 7 \times 8!) - 9) &= (9 + ((8! \times 7!/6!) + 5)) - (((4! - 3!)/2) \times 2) - 1) \\
 283648 &:= (1 + 2 \times 3!! - 4) - (5!/6 - (7 \times 8! - 9)) &= 9 + 8! + (((7! \times 6 - 5) \times 4) + 3!!) \times 2 - 1) \\
 283649 &:= (1 + (((2 + 3!) \times 4^5) + 6^7)) - 8!/9 &= ((9 + 8!) \times 7) - (6! - ((5^4) + (3!! \times 2 + 1))) \\
 283650 &:= (1 + (2 \times (3!! - (4 \times (5 - 6 \times 7!)))) + (8! + 9) &= 9 + 8! + (((7! \times 6 - 5) \times 4) + 3!!) \times 2 + 1) \\
 283651 &:= 1 - (2 \times ((3! \times (4 - (5! + 6 \times 7!))) + 8! - 9)) &= (9 + 8! \times 7 + 6) + (5 - (((4! - 3!)/2) \times 2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 283652 &:= (1 + 2 \times 3!) - (((4! \times 5)/6) - (7 \times 8! - 9)) &= (9 + (8! \times 7 + 6!)) - (((5 - 4!) \times (3!^2)) + 1) \\
 283653 &:= (1 + ((2 \times (3!! - 4!)) + 5)) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + (5 - (((4! - 3!!) \times 2) - 1)) \\
 283654 &:= (1 + 2^{3!} \times 4!) - (5! - ((6 + 7 \times 8!) - 9)) &= (((9 + 8!) \times 7) + (6 - 5!)) + (4! + (3!! \times 2 + 1)) \\
 283655 &:= ((1 + 2 \times 3!) \times (4! + 5)) + (6 \times (7! \times 8 - 9)) &= ((9 \times (8! - (7! + (6! \times 5)))) - 4!) - (3!! \times 2 + 1) \\
 283656 &:= (1 + (2 \times 3!! + 4)) - (5!/6 - (7 \times 8! - 9)) &= ((9 + (8! + 7)) \times 6) - (5! \times (((4! - 3!!)/2) + 1)) \\
 283657 &:= (1 - (2 \times 3!! + 4!)) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 \times (8! - 7!)) - (6 + (((5! + 4^3)^2) + 1)) \\
 283658 &:= (1 + (2 \times (3!! - (4! - 5)))) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) + 5^4 + 3^2 + 1 \\
 283659 &:= (1 \times 2 \times (3!! + 4)) - (5!/6 - (7 \times 8! - 9)) &= (9 \times (8! - 7!)) - ((6 + ((5! + 4^3)^2)) - 1) \\
 283660 &:= (1 + (2 \times (3!! + 4))) - (5!/6 - (7 \times 8! - 9)) &= ((9 + (8! + 7)) \times 6) + ((5! - 4) \times (3!!/2 - 1)) \\
 283661 &:= (1 \times 2 \times (3!! - 4)) - (5!/6 - (7 \times 8! + 9)) &= ((9 \times (8! - 7!)) + (6! + 5)) - (4! \times (3!! \times 2 + 1)) \\
 283662 &:= (1 + (2 \times (3!! - 4))) - (5!/6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6 \times 5) + ((4 + 3!! \times 2) - 1) \\
 283663 &:= 1 - (((2 \times 3^4) + (5 \times 6! + 7! - 8!)) \times 9) &= (9 \times (8! - (7 \times 6!))) - (((5! + 4^3)^2) + 1) \\
 283664 &:= ((1 \times 2 \times (3!! - 4)) - 5) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6) - (5! - (((4! + 3!!) \times 2) - 1)) \\
 283665 &:= ((1 + 2^{3!}) \times 4!) - (5! + (6 - (7 \times 8! - 9))) &= (9 \times (8! - (7 \times 6!))) - (((5! + 4^3)^2) - 1) \\
 283666 &:= (1 - 2 \times 3!!) + (4! \times 5! - (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - 6) - (5! - (((4! + 3!!) \times 2) + 1)) \\
 283667 &:= (1 + 2 \times 3!! - (4! + 5)) + (6 + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - (((6 - 5!) \times 4!) + 3!)/2 + 1) \\
 283668 &:= (1 + 2 \times 3!! - 4!) + (5!/6 + 7 \times 8! - 9) &= (9 + (8! \times 7 + ((6! - 5) \times 4))) - (3!! \times 2 + 1) \\
 283669 &:= (1 + (((2 + 3!)! + (4 + (5! + 6!))) \times 7)) - 8!/9 &= ((9 \times (8! - 7!)) + 6) - (((5! + 4^3)^2) + 1) \\
 283670 &:= (1 - 2 \times 3!!) - ((4 \times (5 - 6!)) - (7 \times 8! + 9)) &= (9 + (8! \times 7 + ((6! - 5) \times 4))) - (3!! \times 2 - 1) \\
 283671 &:= (1 - ((2 \times (3!! \times 4! + 5)) - 6!)) - ((7! - 8!) \times 9) &= ((9 \times (8! - 7!)) + 6) - (((5! + 4^3)^2) - 1) \\
 283672 &:= (1 + (2 \times (3!! \times (4! + 5)))) + ((6 \times 7! \times 8) - 9) &= 9 - (((8 - ((7 \times ((6! + 5!) \times 4!) + 3!)) \times 2) + 1) \\
 283673 &:= (1 - 2 \times (3!! + 4)) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 \times (8! - (7! + (6! \times 5)))) - (((4 + 3!!) \times 2) - 1) \\
 283674 &:= (1 + (2 \times 3!! + 4)) - (5!/6 - (7 \times 8! + 9)) &= 9 - (((8 - ((7 \times ((6! + 5!) \times 4!) + 3!)) \times 2) - 1) \\
 283675 &:= ((1 + ((2 + 3!)! + (4 + (5! + 6!)))) \times 7) - 8!/9 &= (9 + 8! \times 7 + 6) + (5 - (4! - (3!! \times 2 - 1))) \\
 283676 &:= (1 - ((2 \times 3!! \times 4!) + (5 - 6!))) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7) + (6 - 5!)) + (((4! + 3!!) \times 2) - 1) \\
 283677 &:= (1 - (2 \times 3!! + 4)) - ((5 \times 6! + 7! - 8!) \times 9) &= ((9 \times (8! - (7! + (6! \times 5)))) - 4) - (3!! \times 2 - 1) \\
 283678 &:= (1 - 2 \times 3!!) + (4! \times 5! + ((6 + 7 \times 8!) - 9)) &= (9 + (8! \times 7 + 6!)) + ((5 \times ((4! \times 3!) - 2)) - 1) \\
 283679 &:= (1 + ((2 \times (3!! + 4)) + 5)) - (6 - (7 \times 8! - 9)) &= (9 \times (8! - 7!)) - ((6! \times (5 + ((4! - 3) \times 2))) + 1) \\
 283680 &:= (1 + (2 \times (3!! - (4! + 5)))) - (6 - (7 \times (8! + 9))) &= (9 \times (8!/7)) - (6! \times (5! - (((4! - 3)^2) + 1))) \\
 283681 &:= (1 - (2 \times (3! \times (4! \times 5!)))) + (6! - ((7! - 8!) \times 9)) &= (9 \times (8! - 7!)) - ((6! \times (5 + ((4! - 3) \times 2))) - 1) \\
 283682 &:= (1 + (2 \times (3!! + 4! + 5))) + (6 + (7 \times (8! - 9))) &= ((9 + 8!) \times 7) + (((6 \times 5! - (4! + 3!)) \times 2) - 1) \\
 283683 &:= ((1 + 2^{3!}) \times 4!) - (5! + (6 - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6!) + 5^4 + (3!^2 - 1) \\
 283684 &:= (1 + (2 \times (3!! - 4))) + (5!/6 + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) - ((5! \times (4! - 3!^2)) - 1) \\
 283685 &:= (1 - (2 \times 3!! - 4)) - ((5 \times 6! + 7! - 8!) \times 9) &= ((9 \times (8! - 7!)) + 6!) - (5 \times (((4!^3)/2) - 1)) \\
 283686 &:= (1 - (2 \times 3!! \times 4! - 5)) + (6! - ((7! - 8!) \times 9)) &= ((9 \times (8! - 7!)) + (6! + 5)) - ((4! \times 3!! \times 2) - 1) \\
 283687 &:= ((1 + (2 \times (3!! + 4))) - 5) - (6 - (7 \times 8! + 9)) &= ((9 + (8! \times 7!/6!)) - 5) + ((4 + 3!! \times 2) - 1) \\
 283688 &:= (1 + 2 \times 3!! - 4) + (5!/6 + 7 \times 8! - 9) &= (9 + 8! - 7!) - ((6! \times (((5!/4) - 3!)/2)) + 1) \\
 283689 &:= (1 - 2 \times (3!! - 4)) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 - (8! - 7!)) + (6! \times ((5! + ((4! - 3!)^2)) - 1)) \\
 283690 &:= (1 + (2 \times (3!! \times (4! + 5)))) + ((6 \times 7! \times 8) + 9) &= (((9 + 8!) \times 7) - 6!) + (((5! + 4^3)/2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 283691 &:= (1 - ((2 \times (3!! \times 4! - 5)) - 6!)) - ((7! - 8!) \times 9) &= ((9 \times (8! - 7!)) + 6!) + (((5 - (4! \times 3!!)) \times 2) + 1) \\
 283692 &:= (1 - 2 \times 3!!) + ((4 \times (5 + 6!)) + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6!) + (((5! + 4^{3!})/2) + 1) \\
 283693 &:= (1 + (2 \times (3!! \times (4! + 5)))) - (6 \times (7 - 8! - 9)) &= ((9 + 8! - 7) \times 6) - ((5! \times ((4! - 3!!)/2)) - 1) \\
 283694 &:= (1 + (2 \times 3!! + 4!)) - (5!/6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) + (((5!/4! + 3!!) \times 2) + 1) \\
 283695 &:= (1 + (2 \times 3!! + 4! + 5)) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6) + (5 - (((4! - 3!!) \times 2) - 1)) \\
 283696 &:= (1 + (2 \times 3!! + 4)) + (5!/6 + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6!) + ((5! + (4^{3!}/2)) - 1) \\
 283697 &:= (1 + ((2 \times (3!! + 4)) + 5)) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6) - ((5 + ((4! - 3!!) \times 2)) - 1) \\
 283698 &:= (1 + (2 \times 3!! + 4 \times 5)) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) - (6! - 5!)) + (4^{3!}/2 + 1) \\
 283699 &:= (1 + 2 \times 3!) \times (((4! \times (5! - 6)) - 7) \times 8) - 9 &= (((9 + 8!) \times 7!/6!) + 5) - (((4! - 3!!) \times 2) + 1) \\
 283700 &:= ((1 + 2 \times 3!!) \times (4! + 5)) + ((6 \times 7! \times 8) - 9) &= (((9 + 8!) \times 7) + (6!/5!)) - (((4! - 3!!) \times 2) + 1) \\
 283701 &:= (1 \times 2 \times (3!! - 4)) + (5!/6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7!/6!) + 5) - (((4! - 3!!) \times 2) - 1) \\
 283702 &:= (1 + (2 \times (3!! - 4))) + (5!/6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6!/5!)) - (((4! - 3!!) \times 2) - 1) \\
 283703 &:= ((1 + 2^{3!} \times 4!) - 5) - (6 - (7 \times (8! - 9))) &= ((9 \times (8! - (7! + (6! \times 5)))) + 4!) - (3!! \times 2 + 1) \\
 283704 &:= (((1 - 2 \times 3!!) \times 4!) + (5! \times 6)) - ((7! - 8!) \times 9) &= ((9 \times (8! - 7!)) + (6 \times 5!)) - (4! \times (3!! \times 2 - 1)) \\
 283705 &:= (1 - 2 \times 3!! + 4!) - ((5 \times 6! + 7! - 8!) \times 9) &= (((9 + 8!) \times 7) + 6) + (5 - (((4! - 3!!) \times 2) + 1)) \\
 283706 &:= (1 + 2 \times 3!! - 4) + (5!/6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) - (((5 - 4!) \times (3!^2)) + 1) \\
 283707 &:= (1 + (2 \times 3!! + 4! + 5)) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + 6) + (5 - (((4! - 3!!) \times 2) - 1)) \\
 283708 &:= (1 + ((2 \times (3^4 \times 5)) + 6!)) + (7 \times (8! - 9)) &= (9 + (8! \times 7 + ((6! + 5) \times 4))) - (3!! \times 2 + 1) \\
 283709 &:= (((1 - 2 \times 3!!) \times 4!) + 5) + (6! - ((7! - 8!) \times 9)) &= ((9 \times (8! - 7!)) + (6! + 5)) - (4! \times (3!! \times 2 - 1)) \\
 283710 &:= (1 + 2 \times 3! \times 4) \times (5! + ((6! \times 7/8) \times 9)) &= (((9 + 8!) \times 7) + 6) + (((5 - (4! - 3!!)) \times 2) - 1) \\
 283711 &:= (1 \times 2 \times (3!! + (4 \times (5 + 6 \times 7!)))) + (8! - 9) &= ((9 + 8! \times 7) - 6) + (5 + (4! + (3!! \times 2 - 1))) \\
 283712 &:= (1 + (2 \times (3!! - (4! - 5)))) + (6 + (7 \times (8! + 9))) &= (9 - ((8 - (7! - 6!)) \times 5)) + ((4^{3^2}) - 1) \\
 283713 &:= (1 + (2 \times 3!! + 4! + 5)) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7!/6!) - 5) - (4! - (3!! \times 2 - 1)) \\
 283714 &:= (1 + (2 \times (3! \times (4 + 5!)))) - (6 - (7 \times 8! - 9)) &= 9 - (((8 - (7! - 6!)) \times 5) - ((4^{3^2}) + 1)) \\
 283715 &:= ((1 + 2^{3!} \times 4!) - 5) + (6 + (7 \times (8! - 9))) &= ((9 + (8! + (7! \times (6!/5!)))) \times 4) + 3!! \times 2 - 1 \\
 283716 &:= (1 + (2 \times 3!! + 4!)) + (5!/6 + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6 \times 5) + ((4 + 3!! \times 2) - 1) \\
 283717 &:= (1 - 2 \times 3!!) + ((4 - (5 \times 6! + 7! - 8!)) \times 9) &= (9 \times (8! - (7! - 6!))) - (((5! + 4^{3^2}) + 1) \\
 283718 &:= ((1 + 2 \times 3!!) \times (4! + 5)) + ((6 \times 7! \times 8) + 9) &= (((9 + 8!) \times 7) + 6) - ((5!/4) - (3!! \times 2 - 1)) \\
 283719 &:= (1 + ((2 \times (3!! + 4!)) + 5)) - (6 - (7 \times 8! - 9)) &= (9 \times (8! - (7! - 6!))) - (((5! + 4^{3^2}) - 1) \\
 283720 &:= (1 - ((2 + 3!) \times (4! - 5!))) + (6! + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) - (((5 - (4! + 3!!)) \times 2) + 1) \\
 283721 &:= (1 + 2 \times 3!! - (4! + 5)) + (6 + (7 \times (8! + 9))) &= ((9 + 8! - 7) \times 6) + ((5 + 4!) \times (3!! \times 2 + 1)) \\
 283722 &:= 1 \times 2 + ((3! \times (4 - 5!)) + (6^7 + 8!/9)) &= ((9 + 8! \times 7) - 6) - (((5 - (4! + 3!!)) \times 2) - 1) \\
 283723 &:= (1 \times 2 \times (3!! + 4! + 5)) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7!/6!) + 5) - (4! - (3!! \times 2 - 1)) \\
 283724 &:= (1 + (2 \times (3!! + 4! + 5))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + ((6! - 5) \times 4)) - (3!! \times 2 - 1) \\
 283725 &:= (1 + (2 \times 3!! + 4! + 5)) + (6 + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - (5 - (((4! + 3!!) \times 2) - 1)) \\
 283726 &:= (1 + (2 \times (3! \times (4 + 5!)))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6) - (((5!/4! - 3!!) \times 2) + 1) \\
 283727 &:= (1 \times 2 - (3!! - 4!)) + (5 + (6^7 + 8!/9)) &= (9 \times (8! - (7! + (6! \times 5)))) + (((4! - 3!!) \times 2) - 1) \\
 283728 &:= (1 + 2 \times 3!! - (4 - 5!)) - (6 - (7 \times (8! - 9))) &= 9 + 8! + ((((((7! \times 6) + 5) \times 4) + 3!!) \times 2) - 1) \\
 283729 &:= (1 - (2 \times (3!! - 4!))) - ((5 \times 6! + 7! - 8!) \times 9) &= ((9 + 8! \times 7) - 6!) + (5 \times (((4! - 3!)^2) - 1))
 \end{aligned}$$

$$\begin{aligned}
 283730 &:= ((1 \times 2 \times (3!! + 4!)) + 5) + ((6 + 7 \times 8!) - 9) &= 9 + 8! + ((((((7! \times 6) + 5) \times 4) + 3!!) \times 2) + 1) \\
 283731 &:= (1 + ((2 \times (3!! + 4!)) + 5)) + ((6 + 7 \times 8!) - 9) &= ((9 + (8! \times 7!/6!)) - 5) + (((4! + 3!!) \times 2) - 1) \\
 283732 &:= (1 + (2 \times (3! \times (4 + 5!)))) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) + ((5 \times ((4! \times 3!) - 2)) - 1) \\
 283733 &:= (1 \times 2 \times (3!! + (4! - 5))) + (6 + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) + ((5 \times ((4! - 3!)^2)) - 1) \\
 283734 &:= (1 + (2 \times 3!! + 4!)) + (5!/6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) + ((5 \times ((4! \times 3!) - 2)) + 1) \\
 283735 &:= (1 + (2 \times (3!! \times (4! + 5)))) + (6 \times (7! \times 8 + 9)) &= ((9 + 8! \times 7) - 6!) + ((5 \times ((4! - 3!)^2)) + 1) \\
 283736 &:= (1 + (2 \times (3!! + 4! + 5))) + ((6 + 7 \times 8!) - 9) &= 9 - (((8! - (((7! \times 6) + (5! + 4)) \times 3!)) \times 2) + 1) \\
 283737 &:= (1 + ((2 \times (3!! + 4!)) + 5)) - (6 - (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) - (5! - (4! \times (3!^2 + 1))) \\
 283738 &:= (1 + ((2 \times (3!! - 4!)) + 5!)) - (6 - (7 \times 8! - 9)) &= 9 - (((8! - (((7! \times 6) + (5! + 4)) \times 3!)) \times 2) - 1) \\
 283739 &:= 1 - (2 \times ((3! + 4)^5 + ((6 \times (7 - 8!)) + 9))) &= (9 + 8! \times 7) - (6! - (5 \times (((4! - 3!)^2) + 1))) \\
 283740 &:= (1 + (2 \times (3!! + 4!))) + (5!/6 + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) + (((5 + (4! + 3!)) \times 2) - 1) \\
 283741 &:= ((1 + (2 \times (3!! + 4))) - 5) - (6 - (7 \times (8! + 9))) &= (9 + ((8! \times 7!/6!) + 5)) + (((4! + 3!!) \times 2) - 1) \\
 283742 &:= (1 + (2 \times (3!! + 4! + 5))) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) + (((5! + (4 \times 3!))/2) - 1) \\
 283743 &:= (1 \times 2 + 3!!) + (4 + (5! + (6! + (7 \times (8! - 9)))))) &= (9 + ((8! \times 7!/6!) + 5)) + (((4! + 3!!) \times 2) + 1) \\
 283744 &:= (1 + (2 \times (3! \times (4 + 5!)))) + (6 + (7 \times 8! + 9)) &= 9 - ((8 - ((7! - 6!) \times 5)) - ((4^3) - 1)) \\
 283745 &:= (1 \times 2 - (3!! - 4! \times 5!)) - (6! - (7 \times (8! + 9))) &= (9 + 8! \times 7) - (((6 - (5! + (4 \times 3!)))/2) + 1) \\
 283746 &:= 1 \times 2 \times ((3!! + 4!) + ((5^6 + 7 \times 8) \times 9)) &= 9 - (8 + ((7 + (6! + 5!)) \times (4! - (3!!/2 - 1)))) \\
 283747 &:= ((1 \times 2^{3!}) \times 4!) - (5!/6 - (7 \times 8! - 9)) &= (9 + 8! \times 7 + 6) + ((5 + ((4! + 3!)) \times 2) - 1) \\
 283748 &:= (1 + 2^{3!} \times 4!) - (5!/6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! - 5!))) + (((4! + 3!)^2) - 1) \\
 283749 &:= (1 + ((2 \times (3!! + 4!)) + 5)) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6) + ((5 + ((4 + 3!)) \times 2) - 1) \\
 283750 &:= (1 + ((2 \times (3!! - 4!)) + 5!)) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6!) + ((5! + (4^3/2)) - 1) \\
 283751 &:= (1 + ((2 \times (3!! + 4)) + 5)) - (6 - (7 \times (8! + 9))) &= (9 \times (8 + 7!)) - ((6! \times ((5 + 4!) - 3!!/2)) + 1) \\
 283752 &:= (1 + ((2 \times (3!! + 4)) + 5!)) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - (6! - 5!)) + (4^3/2 + 1) \\
 283753 &:= ((1 + (2 \times (3!! + 4))) - 5) + (6 + (7 \times (8! + 9))) &= (9 \times (8 + 7!)) - ((6! \times ((5 + 4!) - 3!!/2)) - 1) \\
 283754 &:= (1 + (2 \times (3!! + 4! + 5))) + (6 + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6 - 5!)) - (((4! - 3!)) \times 2) + 1) \\
 283755 &:= (1 \times 2 \times (3!! - 4!)) + (5! - (6 - (7 \times 8! + 9))) &= 9 - ((8 + ((7 \times (6 - 5!)) + 4)) \times (3!!/2 + 1)) \\
 283756 &:= (1 + ((2 \times (3!! - 4!)) + 5!)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6 - 5!)) - (((4! - 3!)) \times 2) - 1) \\
 283757 &:= ((1 + 2^{3!} \times 4!) - 5) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6) - (5 - (4! + (3!! \times 2 + 1))) \\
 283758 &:= (1 + (2 \times (3!! + 4!))) + (5!/6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) + ((5!/4! + 3!!) \times (2 + 1)) \\
 283759 &:= ((1 + 2)!! + (3!! - 4)) + (5!/6 + (7 \times (8! + 9))) &= (9 \times ((8! - 7!) - (6 \times (5^4)))) - ((3! \times 2) - 1) \\
 283760 &:= ((1 + 2 \times 3!!) \times (4! + 5)) + (6 \times (7 + 8!) + 9) &= (9 \times ((8! - 7!) - (6 \times (5^4)))) - (3^2 + 1) \\
 283761 &:= 1 - (2 - (3!! + (4! - (5 - (6! + (7 \times (8! + 9))))))) &= (9 + ((8!/7!)^6)) + (((5! + (4! + 3!))^2) - 1) \\
 283762 &:= (1 - ((2 - 3^4) \times (5 \times 6!))) - (7!/8 + 9) &= (9 + ((8! \times 7!/6!) + 5!)) - (((4! - 3!)) \times 2) - 1) \\
 283763 &:= ((1 + 2 \times 3!!) \times (4! + 5)) + (6 \times (7! \times 8 + 9)) &= (9 + ((8!/7!)^6)) + (((5! + (4! + 3!))^2) + 1) \\
 283764 &:= 1 + 2 \times 3!! + (((4! \times 5)/6) + (7 \times (8! + 9))) &= (9 \times (8! - 7!)) - (6 \times (((5^4) \times (3^2)) + 1)) \\
 283765 &:= ((1 \times 2^{3!}) \times 4!) - (5!/6 - (7 \times 8! + 9)) &= (9 + 8! \times 7) - (((6! - ((5^4) \times 3!))/2) - 1) \\
 283766 &:= (1 + 2^{3!} \times 4!) - (5!/6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) - (5! - ((4! \times (3!^2)) - 1)) \\
 283767 &:= (1 + ((2^{3!} \times 4!) + 5)) - (6 - (7 \times 8! - 9)) &= (9 + (8! - 7) \times 6) - (5! \times (((4! - 3!)/2) - 1)) \\
 283768 &:= (1 + ((2 \times (3!! - 4!)) + 5!)) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7) - (((6! \times (5 - 4!))/(3^2)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 283769 &:= ((1 + 2^{3!} \times 4!) - 5) + ((6 + 7 \times 8!) - 9) &= (9 \times (8! - 7!)) - ((6 \times ((5^4) \times (3^2))) + 1) \\
 283770 &:= 1 - ((2 \times (3! - (4! - (5 - 6!)))) - (7 \times (8! + 9))) &= (9 + 8! \times 7) - (((6! \times (5 - 4!)) / (3^2)) - 1) \\
 283771 &:= (1 + (2 \times ((3^4 + 5!) \times 6!))) - ((7!/8) \times 9) &= (9 \times (8! - 7!)) - ((6 \times ((5^4) \times (3^2))) - 1) \\
 283772 &:= (1 + (2 \times (3!! + 4!))) - (5!/6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6!/5!)) + (4! + (3!! \times 2 - 1)) \\
 283773 &:= ((1 + 2)!! + (3! - (4! - 5!))) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7!/6!) + 5 + 4!) + (3!! \times 2 + 1) \\
 283774 &:= (1 + 2 \times 3!! - (4! - 5!)) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6) - (((5 - (4! + 3!!)) \times 2) + 1) \\
 283775 &:= ((1 + 2^{3!} \times 4!) - 5) - (6 - (7 \times 8! + 9)) &= ((9 + (8! + 7)) \times 6) - ((5! \times ((4! - 3!!)/2)) + 1) \\
 283776 &:= (1 - ((2 - 3^4) \times (5 \times 6! - 7))) - 8 \times 9 &= (9 \times (8! - 7!)) - (6 \times (((5^4) \times (3^2)) - 1)) \\
 283777 &:= (1 + (2 \times (3!! \times (4! + 5)))) + (6 \times (7 + 8! + 9)) &= ((9 + (8! + 7)) \times 6) - ((5! \times ((4! - 3!!)/2)) - 1) \\
 283778 &:= (1 + ((2 \times (3!! - 4) + 5!)) - (6 - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - (6 - 5!)) - (4! - (3!! \times 2 - 1)) \\
 283779 &:= (1 + ((2^{3!} \times 4!) + 5)) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6) - (5 - (((4! + 3!!) \times 2) - 1)) \\
 283780 &:= (1 - ((2 - 3^4) \times (5 \times 6!))) - (7!/8 - 9) &= (9 \times ((8! - 7!) - (6 \times (5^4)))) + 3^2 + 1 \\
 283781 &:= (1 \times 2 \times (3!! + 4)) + (5 \times 6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6) - (5 - (((4! + 3!!) \times 2) + 1)) \\
 283782 &:= (1 + 2 \times 3!! - (4 - 5!)) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6 \times 5)) + (((4 + 3!!) \times 2) + 1) \\
 283783 &:= ((12^3) + 4 - 5!) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6!) + (5 \times (((4! - 3!)^2) - 1)) \\
 283784 &:= (((1 \times 2^{3!}) \times 4!) + 5) - (6 - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6!/5))) - (((4! - 3!!) \times 2) + 1) \\
 283785 &:= (1 + ((2^{3!} \times 4!) + 5)) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7!/6!) - 5) + (((4! + 3!!) \times 2) - 1) \\
 283786 &:= 1 + 2 \times 3!! + ((4! \times 5) - (6 - (7 \times 8! - 9))) &= (9 + (8! \times 7 + (6!/5))) - (((4! - 3!!) \times 2) - 1) \\
 283787 &:= ((1 + 2^{3!} \times 4!) - 5) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) + ((5 \times ((4! - 3!)^2)) - 1) \\
 283788 &:= (1 + 2^{3!} \times 4!) + (5!/6 + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6) - (((5 - (4! + 3!!)) \times 2) - 1) \\
 283789 &:= ((1 + 2^{3!}) \times 4!) - (5!/6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) + ((5 \times ((4! - 3!)^2)) + 1) \\
 283790 &:= (1 + (2 \times 3!! + 4)) + (5! - (6 - (7 \times 8! - 9))) &= (9 + 8! \times 7 + 6) + (5! - (4! - (3!! \times 2 - 1))) \\
 283791 &:= (1 + ((2 \times (3!! + 4!)) + 5)) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6!) - (5! - (4! \times (3!^2 + 1))) \\
 283792 &:= (1 + 2 \times 3!! - (4! - 5!)) + (6 + (7 \times 8! + 9)) &= (9 + ((8 + 7! - 6!) \times 5)) + ((4^3) - 1) \\
 283793 &:= ((1 \times 2 \times (3!! + 4) + 5!) - (6 - (7 \times 8! - 9))) &= ((9 + 8!) \times 7) - (6! - (5 \times (((4! - 3!)^2) + 1))) \\
 283794 &:= (1 + ((2 \times (3!! + 4) + 5!)) - (6 - (7 \times 8! - 9))) &= (9 + ((8 + 7! - 6!) \times 5)) + ((4^3) + 1) \\
 283795 &:= ((1 \times 2 \times (3!! - 4) + 5!) - (6 - (7 \times 8! + 9))) &= (((9 + 8!) \times 7!/6!) + 5) + (((4! + 3!!) \times 2) - 1) \\
 283796 &:= (1 + ((2 \times (3!! - 4) + 5!)) - (6 - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6) + (((5! + (4 \times 3!!))/2) - 1) \\
 283797 &:= (1 + ((2^{3!} \times 4!) + 5)) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7!/6!) + 5) + (((4! + 3!!) \times 2) + 1) \\
 283798 &:= ((1 + ((2 + 3!)/4!)) - 5!) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6) + (((5! + (4 \times 3!!))/2) + 1) \\
 283799 &:= 1 - (2 - ((3! + 4) \times (5 \times (6 + ((7!/8) \times 9)))))) &= ((9 + 8! \times 7) - (6 - 5!)) + (4 \times (3!!/2 - 1)) \\
 283800 &:= (1 + 2 \times 3!! - (4 - 5!)) - (6 - (7 \times 8! + 9)) &= ((9 + 8!/7!) - 6) \times (5! \times ((4! \times (3^2)) - 1)) \\
 283801 &:= (1 - (2 \times 3!! \times 4! - (5! + 6!))) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7) + 6) + ((5 + ((4! + 3!!) \times 2)) - 1) \\
 283802 &:= (1 + (2 \times 3!! + 4 + 5!)) + ((6 + 7 \times 8!) - 9) &= (9 + (8! \times 7 + (6! \times 5))) - (4^3/2 - 1) \\
 283803 &:= (1 + ((2 \times (3!! + 4!)) + 5)) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6! - 5!)) + ((4! + 3!)^2 \times 1) \\
 283804 &:= ((1 + ((2 + 3!)/4!)) - 5!) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) - (5! - (((4! + 3!)^2) + 1)) \\
 283805 &:= ((1 + 2 \times 3!!) \times (4! + 5)) + (6 \times (7 + 8! + 9)) &= (9 \times ((8! - 7!) - (6 \times (5^4)))) + (3!^2 - 1) \\
 283806 &:= (1 + ((2 \times (3!! + 4) + 5!)) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + 6) + (((5 + (4! + 3!!)) \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 283807 &:= (1 \times 2 + 3!) - (4 - (5! + (6! + (7 \times 8! + 9)))) &= 9 \times ((8! - 7!) - (6 \times (5^4))) + 3!^2 + 1 \\
 283808 &:= (1 + (2 \times 3!! + 4)) + (5! - (6 - (7 \times 8! + 9))) &= 9 + 8! + (((7^6 - (5 - 4^3)) \times 2) - 1) \\
 283809 &:= (1 + (((2 + 3!)! + (4! + (5! + 6!))) \times 7)) - 8!/9 &= (9 + 8 \times 7! \times 6) - (5! \times (((4! - 3!)/2) - 1)) \\
 283810 &:= (1 + (2 \times 3!! + 4! + 5!)) - (6 - (7 \times 8! - 9)) &= 9 + 8! + (((7^6 - (5 - 4^3)) \times 2) + 1) \\
 283811 &:= ((1 + 2^{3!}) \times 4!) + (5!/6 + 7 \times 8! - 9) &= (9 + (8! \times 7 + (6! + (5! + 4)))) + (3!! - (2 \times 1)) \\
 283812 &:= (1 + ((2 \times (3!! + 4)) + 5!)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! - 7) \times 6) - (5! \times (((4! - 3!)/2) - 1)) \\
 283813 &:= ((1 + 2) \times 3!! + 4) + (5! - (6! - (7 \times 8! + 9))) &= (9 + ((8!/7!)^6)) + ((5!/4) \times (3!! + 2 \times 1)) \\
 283814 &:= 1 \times ((2 - (3!! + 4 - 5!)) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7!/6!) + 5!) - (((4! - 3!) \times 2) + 1) \\
 283815 &:= 1 - (((2 + 3!) - (4! \times 5)) - (6^7 + 8!/9)) &= 9 \times 8 + (((7! - 6!) \times 5) + (4^3)) - 1) \\
 283816 &:= (1 - 2 \times 3!!) + ((4! \times (5! + 6)) + 7 \times 8! - 9) &= (((9 + 8!) \times 7!/6!) + 5!) - (((4! - 3!) \times 2) - 1) \\
 283817 &:= (1 \times 2 + (3! \times (4! + 5!))) + (6! + 7 \times 8! - 9) &= ((9 + 8!) \times 7) - (((6! - ((5^4) \times 3!))/2) + 1) \\
 283818 &:= 1 \times ((2 - (3!! - (4! \times 5))) + (6^7 + 8!/9)) &= 9 + 8! + (((7^{6!/5!}) + 4^3) \times 2) - 1) \\
 283819 &:= 1 + ((2 - (3!! - (4! \times 5))) + (6^7 + 8!/9)) &= ((9 + 8!) \times 7) - (((6! - ((5^4) \times 3!))/2) - 1) \\
 283820 &:= (1 + (2 \times 3!! + 4 + 5!)) + (6 + (7 \times 8! + 9)) &= 9 + 8! + (((7^{6!/5!}) + 4^3) \times 2) + 1) \\
 283821 &:= (1 + (2^{3!} + 4!)) \times ((5 \times (6 + 7!/8)) + 9) &= (((9 + 8!) \times 7) + 6 + 5!) - ((4! - 3!) \times 2 \times 1) \\
 283822 &:= (1 + (2 \times 3!! + 4! + 5!)) + ((6 + 7 \times 8!) - 9) &= ((9 + 8!) \times 7) - (((6! \times (5 - 4!))/(3^2)) + 1) \\
 283823 &:= (1 \times 2 \times ((3 \times 4!) - (5 - 6!))) + (7 \times 8! + 9) &= (((9 \times 8) + 7) \times (6! \times 5)) - ((4! \times (3! - 2)! + 1) \\
 283824 &:= (((1 - 2 \times 3!!) \times 4!) + (5! + 6!)) - ((7! - 8!) \times 9) &= ((9 + 8!) \times 7) - (((6! \times (5 - 4!))/(3^2)) - 1) \\
 283825 &:= (((1 + 2)^3) \times (4! + 5!)) + (6^7 - 8 + 9) &= (((9 \times ((8 + 7!) \times 6)) - 5!)/4!) \times ((3! - 2)! + 1) \\
 283826 &:= (1 - ((2 + 3!) \times (4 - 5!))) + (6! + (7 \times (8! - 9))) &= 9 - ((8 - 7!) - (((6! - (5! + 4! \times 3))^2) + 1)) \\
 283827 &:= ((1 \times 2^{3!}) \times 4!) + (5! - (6 - (7 \times (8! - 9)))) &= (9 + (8! \times 7 + 6!)) - (5 - ((4! \times (3!^2)) - 1)) \\
 283828 &:= (1 + (2 \times 3!! + 4! + 5!)) - (6 - (7 \times 8! + 9)) &= 9 + 8! + (((7^6) + (5 + 4^3)) \times 2) - 1) \\
 283829 &:= ((1 + 2^{3!}) \times 4!) + (5!/6 + (7 \times 8! + 9)) &= (((9 + (8!/7 + (6!/5))) \times 4!) + 3) \times 2) - 1) \\
 283830 &:= 1 - (((2 - 3^4) \times (5!/6)) - (7 \times 8! + 9)) &= (((9 + (8!/7 + (6!/5))) \times 4!) + 3) \times 2) \times 1) \\
 283831 &:= (1 \times 2 \times (3!! + (4 \times (5 + 6)))) + (7 \times (8! + 9)) &= (((9 + (8!/7 + (6!/5))) \times 4!) + 3) \times 2) + 1) \\
 283832 &:= 1 - (2 - ((3! \times (4! \times (5 + 6))) + (7 \times 8! + 9))) &= ((9 + 8! \times 7) - (6! \times 5)) + (((4! \times 3!)^2) - 1) \\
 283833 &:= (1 \times 2 \times (3!! + 4!)) + (5! - (6 - (7 \times 8! - 9))) &= 9 + 8! - ((7! + (6^5)) \times (4 - ((3! - 2)! - 1))) \\
 283834 &:= (1 + ((2 \times (3!! + 4!)) + (5! - (6 - (7 \times 8!)))) - 9 &= ((9 + 8! \times 7) - (6! \times 5)) + (((4! \times 3!)^2) + 1) \\
 283835 &:= 1 + ((2 + 3!! \times 4!) - (5^6 - (7 \times (8! - 9)))) &= (9 + (8! \times 7 + (6 \times (5! + 4!)))) + (3!! + 2 \times 1) \\
 283836 &:= ((1 + 2)!! + (3 + 4! + 5!)) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6!/5 + 4))) + 3!! \times 2 - 1) \\
 283837 &:= ((1 \times 2 + 3!)/4!) - (5!/6 - (7 \times (8! - 9))) &= (9 + (8! \times 7 + (6! + 5))) + ((4! \times (3!^2)) - 1) \\
 283838 &:= (1 + ((2 + 3!)/4!)) - (5!/6 - (7 \times (8! - 9))) &= 9 + 8! + (7 \times (((6! + 5) \times 4!) - 3! \times 2) - 1)) \\
 283839 &:= (1 - ((2 - 3!!) \times 4!)) - (5^6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! + 5))) + ((4! \times (3!^2)) + 1) \\
 283840 &:= (1 + (2 \times 3!! + 4! + 5!)) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6!/5)) - (((4! - 3!) \times 2) - 1) \\
 283841 &:= (1 - ((2 - 3^4) \times (5 \times 6!))) - (7! - 8!/9) &= ((9 + 8!) \times 7) - (((6 - 5!) \times (4! + 3))/2) + 1) \\
 283842 &:= (1 - ((2 - (3!!/4) \times 5)) + (6! + 7 \times 8! - 9)) &= (9 + 8! \times 7) - (6 - (((5 \times 4!)/3)^2) - 1)) \\
 283843 &:= ((1 + 2^{3!}) \times 4!) - (5!/6 - (7 \times (8! + 9))) &= ((9 + 8!) \times 7) - (((6 - 5!) \times (4! + 3))/2) - 1) \\
 283844 &:= (1 + (2 \times (3!! - (4 - 5!)))) - (6 - (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6) + (((5 \times 4!)/3)^2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 283845 &:= (1 \times 2 \times (3!! + 4!)) + (5! + ((6 + 7 \times 8!) - 9)) &= 9 + 8! + (7 \times (((6! + 5) \times 4!) - 3!) \times 2 \times 1)) \\
 283846 &:= 1 + 2 \times 3!! + (((4! + 5) \times 6) + 7 \times 8! - 9) &= 9 + 8! + ((7 \times (((6! + 5) \times 4!) - 3!) \times 2) + 1) \\
 283847 &:= ((1 + ((2 + 3!)/4!)) - 5) - (6 - (7 \times (8! - 9))) &= (9 + ((8! + 7) \times 6)) + ((5! - 4) \times (3!!/2 + 1)) \\
 283848 &:= (1 \times 2 + 3!) \times (4 \times 5! + ((6^7/8) + 9)) &= (((9 + 8!) \times 7) - (6 - 5!)) - (((4 - 3!!) \times 2) + 1) \\
 283849 &:= ((1 \times 2 \times (3!! - 4)) + 5!) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - (6 - 5!)) - ((4 - 3!!) \times 2 \times 1) \\
 283850 &:= (1 + ((2 \times (3!! - 4)) + 5!)) - (6 - (7 \times (8! + 9))) &= ((9 + 8! \times 7) - (6 - 5!)) + (((4! + 3!!) \times 2) - 1) \\
 283851 &:= ((1 + 2^{3!}) \times 4!) + (5! - (6 - (7 \times (8! - 9)))) &= (9 + ((8! + 7) \times 6)) - (5! \times (((4! - 3!!)/2) - 1)) \\
 283852 &:= (1 + ((2 \times (3!! + 4!)) + (5! - (6 - (7 \times 8!))))) + 9 &= (9 + (8! \times 7 + 6!)) - (5 - (4! \times (3!^2 + 1))) \\
 283853 &:= (1 \times 2 + (3!!/4 \times 5)) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - (6 - 5!)) + (4 \times (3!!/2 - 1)) \\
 283854 &:= 1 - ((2 \times (3! - (4 + (5! + 6!)))) - (7 \times (8! - 9))) &= (9 + 8! \times 7 + 6) + (((5 \times 4!)/3^2) - 1) \\
 283855 &:= (1 \times 2^{3!+4}) - (5! - (6! + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) + ((5! + 4) \times (3! \times 2 + 1)) \\
 283856 &:= (1 + (2^{3!+4})) - (5! - (6! + 7 \times 8! - 9)) &= (9 + 8! \times 7 + 6) + (((5 \times 4!)/3^2) + 1) \\
 283857 &:= ((1 - ((2 - 3 \times 4!) \times 5!)) + 6^7) - 8!/9 &= (9 + ((8! \times 7!/6!) + 5!)) + ((4! + 3!!) \times 2 \times 1) \\
 283858 &:= (1 - (2 \times ((3 + 4!) - (5! + 6!)))) + (7 \times 8! - 9) &= (9 + 8! \times 7) - (6 - (5 \times (((4! - 3!)^2) - 1))) \\
 283859 &:= ((1 + ((2 + 3!)/4!)) - 5) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7!/6!) + 5!) + (4 \times (3!!/2 - 1)) \\
 283860 &:= (1 - ((2 - (3!!/4)) \times 5)) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6 - (5! + 4))) + 3!! \times 2 - 1 \\
 283861 &:= (((1 + ((2 + 3!)/4!)) \times 5) + 6^7) - 8!/9 &= (9 + (8! \times 7!/6!)) + ((5! + 4) \times (3! \times 2 + 1)) \\
 283862 &:= (1 + ((2 + (3!!/4)) \times 5)) + (6! + 7 \times 8! - 9) &= (9 + (8! \times 7 + 6!)) + (5 + (4! \times (3!^2 + 1))) \\
 283863 &:= (1 \times 2 \times (3!! + 4!)) + (5! + (6 + (7 \times 8! + 9))) &= (9 + (8! \times 7 + 6!)) - (5 - (((4! + 3!)^2) - 1)) \\
 283864 &:= (1 + (2 \times (3!^4 - 5!))) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) + ((5 \times ((4! - 3!)^2)) + 1) \\
 283865 &:= ((1 \times 2 \times (3!! + 4)) + 5!) - (6 - (7 \times (8! + 9))) &= (9 + 8! \times 7) - (((6 - (5! \times (4! + 3)))/2) + 1) \\
 283866 &:= (1 + ((2 \times (3!! + 4)) + 5!)) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7!/6!) + (5! + 4)) + 3!! \times 2 - 1 \\
 283867 &:= ((1 + 2) \times 3!! + 4) + (5! - (6! - (7 \times (8! + 9)))) &= (9 + 8! \times 7) - (((6 - (5! \times (4! + 3)))/2) - 1) \\
 283868 &:= (((1 \times 2 + 3!)/4!) + 5) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6 + (5 \times 4!))) + 3!! \times 2 - 1 \\
 283869 &:= (1 + (((2 + 3!)/4!) + 5)) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6! + (5! + (4 + 3!)))) + (2 \times 1) \\
 283870 &:= (1 + (2 \times (3!! - (4! - 5!)))) + ((6 + 7 \times 8!) - 9) &= (9 + 8! \times 7 + 6) + (5 \times (((4! - 3!)^2) - 1)) \\
 283871 &:= (1 \times 2 + (3!!/4 \times 5)) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7!/6!) + 5!) + ((4 + 3!!) \times 2 \times 1) \\
 283872 &:= (1 + (2 \times (3!! + 4 + 5!))) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6 + (5! + 4))) + 3!! \times 2 - 1 \\
 283873 &:= (1 - (2^{3!} + ((4 \times 5!) - 6^7))) + 8!/9 &= (9 + (8! \times 7 + (6! + 5))) + (((4! + 3!)^2) - 1) \\
 283874 &:= (1 + (2^{3!+4})) - (5! - (6! + (7 \times 8! + 9))) &= (9 + 8! \times 7 + 6) + ((5 \times ((4! - 3!)^2)) - 1) \\
 283875 &:= ((1 + 2)! + (3!!/4 \times 5)) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + (5 + (((4! + 3!)^2) + 1)) \\
 283876 &:= (1 + ((2 \times (3! - (4! - (5! + 6!)))) + 7 \times 8!)) - 9 &= (9 + 8! \times 7) + (6 + ((5 \times ((4! - 3!)^2)) + 1)) \\
 283877 &:= ((1 \times 2 + 3!)/4!) + (5!/6 + (7 \times (8! - 9))) &= ((9 + (8! + 7!)) \times 6) + (((5! - (4 \times 3))^2) - 1) \\
 283878 &:= (1 + ((2 + 3!)/4!)) + (5!/6 + (7 \times (8! - 9))) &= (9 + 8! \times 7) - (((6! + 5!) - 4^{3!})/2) - 1) \\
 283879 &:= (((1 \times 2 + (3!!/4)) \times 5) + (6! + 7 \times 8!)) + 9 &= ((9 + (8! + 7!)) \times 6) + (((5! - (4 \times 3))^2) + 1) \\
 283880 &:= (1 - ((2 + 3!) \times (4 - 5!))) + (6! + 7 \times 8! - 9) &= 9 + 8! + (7 \times (((6! + 5) \times 4!) - 3) \times 2 - 1)) \\
 283881 &:= (1 + ((2 + 3!!) \times 4!)) - (5^6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6!) - (5 - ((4! \times (3!^2)) - 1)) \\
 283882 &:= (1 + ((2^{3!} \times 4!) + 5!)) - (6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6!/5))) + (((4! + 3!!) \times 2) + 1) \\
 283883 &:= ((1 + 2^{3!}) \times 4!) + (5!/6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6!) - (5 - ((4! \times (3!^2)) + 1))
 \end{aligned}$$

$$\begin{aligned}
 283884 &:= ((1 + 2) \times 3!) - (4 \times (5! - (6 \times 7! + 8! - 9))) &= (((9 + 8!) \times 7) + (6!/5 - (4 - 3!! \times 2))) + 1 \\
 283885 &:= (12 \times (3! \times 4!)) - (5!/6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6 \times (5! + 4!))) + (3!! - (2 \times 1)) \\
 283886 &:= 1 \times 2 + (3 \times (((4 + 5!) \times (6! + 7)) + 8!/9)) &= 9 + 8! + ((7 \times (((6! + 5) \times 4!) - 3) \times 2)) - 1 \\
 283887 &:= ((1 \times 2 + 3!)/4!) + (5 \times 6 + (7 \times (8! - 9))) &= 9 + 8! + (7 \times (((6! + 5) \times 4!) - 3) \times 2 \times 1) \\
 283888 &:= (1 + (2 \times (3!! - (4! - 5!)))) + (6 + (7 \times 8! + 9)) &= 9 + 8! + ((7 \times (((6! + 5) \times 4!) - 3) \times 2)) + 1 \\
 283889 &:= 1 - ((2 \times (3! \times 4! + 5!)) - (6^7 + 8!/9)) &= 9 - ((8 - (7! \times 6/5)) \times (4! + ((3! - 2)! - 1))) \\
 283890 &:= (1 + ((2 + 3!) \times (4 + 5!))) + (6! + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6!/5 + 4)) + 3!! \times 2 - 1 \\
 283891 &:= ((1 \times 2 + 3!)/4!) - (5!/6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! + 5)) + (4! \times (3!^2)) - 1 \\
 283892 &:= (1 + ((2 + 3!)/4!)) - (5!/6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! + 5)) + (4! \times (3!^2)) \times 1 \\
 283893 &:= 1 \times (2 \times 3!! + (4! + (5! + (6 + (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7) + (6! + 5)) + (4! \times (3!^2)) + 1 \\
 283894 &:= (1 + ((2 \times (3! - (4! - (5! + 6!)))) + 7 \times 8!)) + 9 &= 9 + 8! + (7 \times (((6! + 5) \times 4!) - 3) \times 2 + 1) \\
 283895 &:= (1 \times 2 \times (3! \times 4! - (5 - 6!))) + (7 \times (8! - 9)) &= (9 \times (((8! - 7!/6)/5) \times 4)) - (3!!/2 + 1) \\
 283896 &:= (((1 + 2)! \times 3^4)/5) + ((6 \times 7! + 8) \times 9) &= ((9 + 8!) \times 7) - (6 - (((5 \times 4!)/3)^2 - 1)) \\
 283897 &:= (1 - 2 \times 3!!) + ((4! - (5 \times 6! + 7! - 8!)) \times 9) &= (9 \times (((8! - 7!/6)/5) \times 4)) - (3!!/2 - 1) \\
 283898 &:= (1 + (2 \times (3!! - (4 - 5!)))) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6) + (((5 \times 4!)/3)^2 + 1) \\
 283899 &:= ((1 \times 2^{3!}) \times 4!) + (5! - (6 - (7 \times 8! + 9))) &= (9 + (8! + ((7! \times 6/5!) - 4!))) \times (3! + (2 - 1)) \\
 283900 &:= (1 - (2 \times (3! - (4 \times 5!)))) + (6! + 7 \times 8! - 9) &= (9 + (8! \times 7 + ((6! + 5!)/4))) + (3!! \times 2 + 1) \\
 283901 &:= ((1 + ((2 + 3!)/4!)) - 5) - (6 - (7 \times 8! - 9)) &= 9 + (((8 \times (7! + (6 \times 5))) - 4) \times (3! + (2 - 1))) \\
 283902 &:= 1 \times (2 \times (3!! + ((4 \times (5 \times 6 - (7! - 8!)) - 9))) &= (((9 + 8!) \times 7) + ((6! \times 5)/4)) + (3!! - 21) \\
 283903 &:= 1 - (((2 - (3!! \times 4!)) + 5^6) - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) - (5! - ((4 + 3!)^{2+1})) \\
 283904 &:= (1 - (2^{3!} \times (4 - (5! - 6! + 7!)))) + (8 - 9) &= (((9 + 8!) \times 7) - (6 - 5!)) + (((4! + 3!!) \times 2) - 1) \\
 283905 &:= ((1 + 2^{3!}) \times 4!) + (5! - (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - (6 - 5!)) + ((4! + 3!!) \times 2 \times 1) \\
 283906 &:= 1 \times ((2 + 3!! \times 4!) - (5^6 - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6!) - (5 - (4! \times (3!^2 + 1))) \\
 283907 &:= 1 + ((2 + 3!! \times 4!) - (5^6 - (7 \times 8! + 9))) &= ((9 + 8!) \times 7) - (6! - ((5! + (4!^3))/(2 + 1)!)) \\
 283908 &:= 1 - ((2 \times (3! - (4 + (5! + 6!)))) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) + (((5 \times 4!)/3)^2 - 1) \\
 283909 &:= (1 \times 2 \times (3!! - (4 - 5!))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6) + ((5! + 4) \times (3! \times 2 + 1)) \\
 283910 &:= (1 + (2 \times (3!! - (4 - 5!)))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + 6) + (((5 \times 4!)/3)^2 + 1) \\
 283911 &:= (1 + (((2 + 3!)/4!) + 5)) - (6 - (7 \times 8! - 9)) &= (9 + 8! \times 7) - (6 \times (((5 - 4! \times 3!) \times 2) + 1)) \\
 283912 &:= (1 - 2^{3!}) + (4^5 + (6! + 7 \times 8! - 9)) &= (9 + 8! \times 7) + (((6! + (5! - 4!/3)) \times 2) - 1) \\
 283913 &:= ((1 + ((2 + 3!)/4!)) - 5) + ((6 + 7 \times 8!) - 9) &= (9 + 8! \times 7) + ((6! + (5! - 4!/3)) \times 2 \times 1) \\
 283914 &:= (1 + (2 \times (3!! + 4 + 5!))) - (6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) + (((5! - (4 - 3!!)) \times 2) - 1) \\
 283915 &:= (1 \times 2 \times (3!! - (4 - 5!))) - (6 - (7 \times 8! + 9)) &= ((9 + 8!) \times 7!/6!) + ((5! + 4) \times (3! \times 2 + 1)) \\
 283916 &:= (1 + (2 \times (3!! - (4 - 5!)))) - (6 - (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + (((5! \times 4) - 3!) \times 2) - 1) \\
 283917 &:= ((1 + 2^{3!}) \times 4!) + (5! + ((6 + 7 \times 8!) - 9)) &= (((9 + 8!) \times 7) + 6!) - (5 - (((4! + 3!)^2) - 1)) \\
 283918 &:= (1 - (2 \times (3! - (4 \times 5!)))) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + (((5! \times 4) - 3!) \times 2) + 1) \\
 283919 &:= ((1 + ((2 + 3!)/4!)) - 5) - (6 - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - (((6 - (5! \times (4! + 3))))/2) + 1) \\
 283920 &:= 1 \times 2 - (3 - (4^5 + (6! + (7 \times (8! - 9)))))) &= ((9 + 8!) \times 7) - ((6 - (5! \times (4! + 3)))/2 \times 1) \\
 283921 &:= (1 - (((2^{3!}) - 4!) \times (5! + 6!))) - ((7! - 8!) \times 9) &= ((9 + 8!) \times 7) - (((6 - (5! \times (4! + 3))))/2) - 1) \\
 283922 &:= ((1 + 2 \times 3!!) + 4^5) - (6! - (7 \times (8! - 9))) &= (9 + (8! \times 7 + 6!)) + (((5! \times 4) - 3) \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 283923 &:= (1 + (((2 + 3!)/4!) + 5)) + ((6 + 7 \times 8!) - 9) &= 9 + 8! - 7 - (((6! + 5) \times (4! - 3!/2)) - 1) \\
 283924 &:= (1 + (2 \times (3! + (4 \times 5!)))) + (6! + 7 \times 8! - 9) &= 9 + 8! + (((7 \times ((6! + 5) \times 4!)) - 3) \times 2) + 1 \\
 283925 &:= 1 - 2 \times 3! - ((4 \times 5!) - (6^7 + 8!/9)) &= (9 + 8! \times 7) - ((6 - (5! + (4 + 3!))) \times 2 \times 1) \\
 283926 &:= (1 + (2 \times (3!! + 4 + 5!))) + ((6 + 7 \times 8!) - 9) &= (9 + 8! \times 7 + 6) + (((5! - (4 - 3!)) \times 2) - 1) \\
 283927 &:= (1 + (2^{3!+4})) + (5 + (6! + (7 \times (8! - 9)))) &= (9 + (8 \times 7!/(6 + 5!))) \times ((4! \times (3!^2)) - 1) \\
 283928 &:= (1 + (2 \times (3!! - (4 - 5!)))) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6) + ((5 \times ((4! - 3!)^2)) - 1) \\
 283929 &:= 1 - ((2 + (3! + (4 \times 5!))) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6!) + (5 + (((4! + 3!)^2) + 1)) \\
 283930 &:= (1 - 2^{3!}) + (4^5 + (6! + (7 \times 8! + 9))) &= ((9 + 8!) \times 7) + (6 + ((5 \times ((4! - 3!)^2)) + 1)) \\
 283931 &:= ((1 + ((2 + 3!)/4!)) - 5) + (6 + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - (((6! + 5!) - 4^{3!})/2 \times 1) \\
 283932 &:= (1 + ((2 + 3!)/4!)) + (5!/6 + 7 \times 8! - 9) &= ((9 + 8!) \times 7) - (((6! + 5!) - 4^{3!})/2) - 1) \\
 283933 &:= (1 + 2 \times 3!) \times (((4! \times (5! - 6)) - 7) \times 8) + 9 &= (9 - (8 \times (7 + ((6 - 5!) \times 4!)))) \times (3! \times 2 + 1) \\
 283934 &:= 1 \times (((2 + 3!) \times 4!) - (5^6 - (7 \times 8! - 9))) &= 9 + 8! + (((7 \times ((6! + 5) \times 4!)) + 3) \times 2) - 1) \\
 283935 &:= 1 + (((2 + 3!) \times 4!) - (5^6 - (7 \times 8! - 9))) &= (9 + (8! + 7)) - (((6! + 5) \times (4! - 3!/2)) + 1) \\
 283936 &:= (1 + (2 \times (3 + (4! \times ((5 + 6!) \times 7)))) + (8! + 9) &= (9 + (8! \times 7 + 6!)) + (((5! \times 4) + 3) \times 2) + 1) \\
 283937 &:= (1 - ((2 \times 3!)/4)) - (5! - (6^7 + 8!/9)) &= (9 + (8! + 7)) - (((6! + 5) \times (4! - 3!/2)) - 1) \\
 283938 &:= (1 + ((2^{3!} + 4!) \times (5!/6))) + (7 \times (8! - 9)) &= (9 + 8! \times 7) - (((6 \times 5! - 4^{3!})/2) - 1) \\
 283939 &:= (1 + 2)! - ((3 + (4 \times 5!)) - (6^7 + 8!/9)) &= ((9 + (8! + (7!/6 \times (5! + (4 - 3)))))) \times 2) + 1) \\
 283940 &:= 1 - (2 - ((3!^4 + (5 + (6 \times 7! + 8))) \times 9)) &= (9 + (8! \times 7 + 6!)) + (((5! \times 4) + 3!) \times 2) - 1) \\
 283941 &:= (1 - (((2 + 3!)! - 4!) \times 5)/6) - ((7! - 8!) \times 9) &= 9 + 8! + (((7 \times ((6! + 5) \times 4!)) + 3!) \times 2 \times 1) \\
 283942 &:= (1 + (2 \times (3! + (4 \times 5!)))) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + (((5! \times 4) + 3!) \times 2) + 1) \\
 283943 &:= 1 \times 2 + ((3!^4 + (5 + (6 \times 7! + 8))) \times 9) &= (((9 \times 8) + 7) \times (6! \times 5 - 4!)) + 3! \times 2) - 1) \\
 283944 &:= (1 + ((2 + 3!) \times (4 + 5!))) + (6! + 7 \times 8! - 9) &= (9 + 8! \times 7 + 6) + (((5! + (4 + 3!)) \times 2) + 1) \\
 283945 &:= (1 + 2 \times 3!) - ((4! - (5 \times 6!)) \times (7 + 8 \times 9)) &= (9 \times (8!/7 + 6!)) + ((5^4) \times (3!/2 + 1)) \\
 283946 &:= ((12^3) - (4! - 5)) + ((6 + 7 \times 8!) - 9) &= (9 + 8! \times 7) + (((6! + (5! + (4!/3))) \times 2) + 1) \\
 283947 &:= 1 \times ((2 \times (3! - (4! - (5! + 6!)))) + (7 \times (8! + 9))) &= (((9 \times (8 + 7 \times 6)) \times ((5^4) + 3!)) - 2) - 1) \\
 283948 &:= 1 - ((2 \times (3! - (4! + (5! + 6!)))) - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) + (((6 + 5!) - (4! - 3!)) \times 2) + 1) \\
 283949 &:= 1 - (2 \times (((3! + 4)^5) - (6 \times (7! \times 8 + 9)))) &= (((9 \times (8 + 7 \times 6)) \times ((5^4) + 3!)) - 2) + 1) \\
 283950 &:= (1 + ((2 + 3!)/4!)) + (5!/6 + (7 \times 8! + 9)) &= (9 \times (((8 + 7!) \times (6 \times 5!)/4!)) \times ((3 + 2) \times 1) \\
 283951 &:= 1 - (((2 + 3!! + 4!) \times 5) + (6! \times 7 - 8!) \times 9) &= (9 + 8! \times 7) + (((6 + 5!) \times (4! + 3!)/2) + 1) \\
 283952 &:= (1 - ((2 + 3!) \times (4 - 5!))) + (6! + (7 \times (8! + 9))) &= (9 + (8! \times 7 + 6!)) + ((5! + (4! \times (3!^2))) - 1) \\
 283953 &:= ((1 - ((2 - 3!) \times (4 - 5!))) + 6^7) + 8!/9 &= ((9 + (8! \times 7 + 6!)) + 5^4) + (3!/2 - 1) \\
 283954 &:= (1 - 2 \times 3!) \times (4^5 + (6 \times (7 - 8!/9))) &= (9 + (8! \times 7 + (6! + 5!))) + ((4! \times (3!^2)) + 1) \\
 283955 &:= 1 \times ((2^{3 \times 4}) - (5 - (6^7 - 8 \times 9))) &= (9 + 8! \times 7) + (6! + ((5^4) + (3!/2 + 1))) \\
 283956 &:= (1 + (2^{3 \times 4})) - (5 - (6^7 - 8 \times 9)) &= (((9 \times 8 \times 7) + 6!) \times (5! - 4)) - 3! \times 2 \times 1) \\
 283957 &:= ((12 \times 3) + 4^5) + (6! + (7 \times (8! - 9))) &= 9 + 8! + ((7!/6! - 5!) \times (4 - (3 \times (2 + 1)!))) \\
 283958 &:= (((1 + 2) + 3!) \times 4!) - (5^6 - (7 \times 8! - 9)) &= (9 + 8! \times 7) + (((6! + (5 \times (4! + 3))) \times 2) - 1) \\
 283959 &:= ((1 \times 2 + 3!)/4!) + (5 \times 6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + ((6!/5!)^4)) + (3!/2 \times 1) \\
 283960 &:= ((1 + (2 \times (3 + (4! \times (5 + 6!)))))) \times 7) + (8! - 9) &= (((9 + 8!) \times 7) + ((6!/5!)^4)) + (3!/2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 283961 &:= 1 \times 2 - ((3 \times (4! + (5! - 6!))) - (7 \times 8! - 9)) &= (9 + (8! \times 7 + 6!)) + ((5! + 4) \times (3! + 2 \times 1)) \\
 283962 &:= (1 + ((2 + 3!) \times (4 + 5!))) + (6! + (7 \times 8! + 9)) &= (9 \times (8! - (7! + (6 - 5!)))) - (4! \times (3!! \times 2 + 1)) \\
 283963 &:= ((1 \times 2 + 3!)/4!) - (5!/6 - (7 \times (8! + 9))) &= ((9 + 8!) \times 7) + ((6! + (5! - (4 + 3!))) \times 2 \times 1) \\
 283964 &:= ((1 - 2 \times 3!) + 4^5) + (6! + 7 \times 8! - 9) &= 9 + 8! + (7 \times ((6 + ((5! + 4! \times 3!!) \times 2)) - 1)) \\
 283965 &:= ((1 \times 2^{3!}) \times 4!) + (5! + (6 + (7 \times (8! + 9)))) &= ((9 + 8!) \times 7) - (6 \times (((5 - 4! \times 3!) \times 2) + 1)) \\
 283966 &:= (1 + ((2^{3!} \times 4!) + 5!)) + (6 + (7 \times (8! + 9))) &= ((9 + 8!) \times 7) + (((6! + (5! - 4!/3)) \times 2) - 1) \\
 283967 &:= ((1 \times 2 \times 3! \times 4! - (5 - 6!)) + 7 \times 8!) + 9 &= ((9 + 8!) \times 7) + ((6! + (5! - 4!/3)) \times 2 \times 1) \\
 283968 &:= 1 - ((2^{3!} \times (4 - (5 \times 6))) - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6) + (((5! - (4 - 3!!)) \times 2) - 1) \\
 283969 &:= (1 \times 2 \times (3!! - (4 - 5!))) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6) + ((5! - (4 - 3!!)) \times 2 \times 1) \\
 283970 &:= (1 + (2 \times (3!! - (4 - 5!)))) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6!) + (((5! \times 4) - 3!) \times 2) - 1) \\
 283971 &:= (1 + (2^{3!+4})) - (5 - (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) + (((5! \times 4) - 3!) \times 2 \times 1) \\
 283972 &:= (1 + (((2 + 3!)/4!) + 5!)) - (6 - (7 \times (8! - 9))) &= (9 + 8! \times 7) + (((6! + (5! + (4! - 3))) \times 2) + 1) \\
 283973 &:= (1 + (2 + 3!)) + (4 \times (5^6 + ((7! - 8) \times 9))) &= (9 + 8! \times 7) + (((6!/5 \times 4!) - 3!)/2) - 1) \\
 283974 &:= 1 \times 2 - (3 - (4^5 + (6! + 7 \times 8! - 9))) &= ((9 - (8 \times 7)) \times (6 - 5!)) \times ((4! + 3) \times 2 - 1) \\
 283975 &:= 1 - (2 \times ((3 - (4! \times (5! + 6))) \times ((7 \times 8) - 9))) &= ((9 + 8!) \times 7) + ((6! + (5! - 4)) \times (3!/(2 + 1))) \\
 283976 &:= ((1 + 2 \times 3!) + 4^5) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) + (((5! \times 4) - 3) \times 2) - 1) \\
 283977 &:= (1 - (((2^{3!} + 4!) \times 5) - 6^7)) + 8!/9 &= (9 + (8! \times 7 + (6! + 5!))) + (4! \times (3!^2 + 1)) \\
 283978 &:= ((1 + (2 \times (3 + (4! \times (5 + 6!)))) \times 7) + (8! + 9)) &= ((9 + 8! \times 7) - 6) - (5 \times (((4! - 3!)/2) + 1)) \\
 283979 &:= (1 \times 2 - (((3 - 4!) \times 5!) + 6!)) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) - ((6 - (5! + (4 + 3!))) \times 2 \times 1) \\
 283980 &:= 1 \times 2 + (3 + (4^5 + (6! + 7 \times 8! - 9))) &= (((9 + 8!) \times 7) + 6) + (((5! - (4 - 3!!)) \times 2) - 1) \\
 283981 &:= (1 + (2^{3!+4})) + (5 + (6! + 7 \times 8! - 9)) &= (9 + 8! \times 7) + (((6!/5 \times 4!) + 3!)/2) + 1) \\
 283982 &:= ((1 - 2 \times 3!) + 4^5) + (6! + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - (((5 \times (4! - 3!))/2) + 1) \\
 283983 &:= 1 - ((2 + (3 \times (4! + 5!))) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - ((6! + 5!) \times 4)) + ((3! + (2 - 1)))! \\
 283984 &:= ((1 + (2 \times 3!^4)) - 5!) - (6! - (7 \times 8! - 9)) &= (9 + (8! \times 7 + 6!)) + ((5 + 4!) \times (3!^2 - 1)) \\
 283985 &:= ((1 + ((2 + 3!)/4!)) - 5) + (6 + (7 \times (8! + 9))) &= (9 + 8! \times 7) - (((6 + (5 \times (4! - 3!)))/2) + 1) \\
 283986 &:= (1 + 2^{3!}) + (4^5 + (6! + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6) + (((5! + (4 + 3!)) \times 2) + 1) \\
 283987 &:= (1 - (2 \times 3!! \times 4!)) + ((5! - ((6 + 7!) - 8!)) \times 9) &= (9 + 8! \times 7) - (((6 + (5 \times (4! - 3!)))/2) - 1) \\
 283988 &:= ((1 + 2 \times 3!) + 4^5) + (6! + 7 \times 8! - 9) &= (9 + (8! \times 7 + 6!)) + ((5! + ((4! + 3!)^2)) - 1) \\
 283989 &:= (1 + (2^{3!+4})) - (5 - (6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + 6!)) + (5! + ((4! + 3!)^2 \times 1)) \\
 283990 &:= 1 - (((2 + 3!!) - 4^5) \times 6) - (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + 6!) + (((5! \times 4) + 3) \times 2) + 1) \\
 283991 &:= 1 \times (2 + ((3 \times (4 - (5! - 6!))) + (7 \times (8! - 9)))) &= (9 + 8! \times 7) + (((6 - (5 \times (4! - 3!)))/2) - 1) \\
 283992 &:= (1 + (((2^{3!} + 4!) \times (5!/6)) + 7 \times 8!)) - 9 &= ((9 + 8!) \times 7) - (((6 \times 5! - 4^{3!})/2) - 1) \\
 283993 &:= (((1 + 2) \times (3 - (4! + 5!))) + 6^7) + 8!/9 &= 9 \times 8 - (((7!/6 + 5) \times (4! - 3!)/2) - 1) \\
 283994 &:= ((1 + 2 \times 3!) + 4^5) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) + (((5! \times 4) + 3!) \times 2) - 1) \\
 283995 &:= (1 + (((2 + 3!)/4!) + 5)) + (6 + (7 \times (8! + 9))) &= (((9 \times 8) + 7) \times (6! \times 5 + 4)) - (3!! + 2) + 1) \\
 283996 &:= (1 + (2 \times ((3! + (4! \times (5 + 6!))) \times 7))) + (8! - 9) &= (9 + 8! \times 7) - (((6! - 5!) - 4^{3!})/2) + 1) \\
 283997 &:= ((1 + ((2 + 3!)/4! - 5!)) + 6^7) + 8!/9 &= (9 + 8! \times 7) - (((6! - 5!) - 4^{3!})/2 \times 1) \\
 283998 &:= (1 + (2 \times (3!! + 4 + 5!))) + (6 + (7 \times (8! + 9))) &= (9 + 8! \times 7) - (((6! - 5!) - 4^{3!})/2) - 1)
 \end{aligned}$$

$$\begin{aligned} 283999 &:= (1 + (2^{3!+4})) + (5 + (6! + (7 \times 8! + 9))) &= 9 \times 8 + (7 \times (6! - ((5! \times 4) - ((3! + 2)! + 1)))) \\ 284000 &:= 1 - (2 - ((3! \times (4^5 - 6!)) + (7 \times (8! - 9)))) &= ((9 + 8!) \times 7) + (((6! + (5! + (4!/3))) \times 2) + 1) \end{aligned}$$

2.1.5 Numbers From 284001 to 285000

$$\begin{aligned} 284001 &:= (1 - 2 \times 3!) + (4^5 + (6^7 + 8!/9)) &= ((9 + 8!) \times 7) - ((6 \times 5) - ((4 \times 3)^{2+1})) \\ 284002 &:= ((1 + (2 \times 3!^4)) - 5!) - (6! - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - ((6 \times (5 - (4! \times 3! \times 2))) - 1) \\ 284003 &:= 1 \times 2 - (((3!! - 4^5) \times 6) - (7 \times (8! - 9))) &= (((9 \times 8) + 7) \times (6! - (5 - (4 \times 3!)))) - 2 \times 1 \\ 284004 &:= (1 + 2 \times 3! \times 4) \times (5! + (6 + ((7!/8) \times 9))) &= (9 \times ((8! + 7!/6)/5!)) \times (4 \times ((3! - 2)! - 1)) \\ 284005 &:= ((1 + 2)!)! + (3! + (4^5 + (6 + (7 \times 8! + 9)))) &= ((9 + 8!) \times 7) + (((6 + 5!) \times (4! + 3))/2) + 1 \\ 284006 &:= ((1 + 2 \times 3!) + 4^5) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) + ((5! + (4! \times (3!^2))) - 1) \\ 284007 &:= ((1 - 2 \times 3!) \times (4! - 5!)) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6!) + 5^4 + (3!!/2 - 1) \\ 284008 &:= (((1 + 2)^{3!}) + 4^5) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6! + 5!)) + ((4! \times (3!^2)) + 1) \\ 284009 &:= (1 - (2 \times 3! \times 4!)) - (5! - (6^7 + 8!/9)) &= ((9 + 8!) \times 7) + (6! + ((5^4) + (3!!/2 + 1))) \\ 284010 &:= ((1 - 2 \times 3!) \times 4!) + ((5! - ((6 + 7!) - 8!)) \times 9) &= (9 \times (8! - (7! + (6 - 5!)))) - (4! \times (3!! \times 2 - 1)) \\ 284011 &:= (1 - 2) \times ((3^4 \times 5) - (6^7 + 8!/9)) &= (9 + ((8 \times (7! + (6 \times 5))) + 4)) \times (3! + (2 - 1)) \\ 284012 &:= ((12^3) + 4! + 5) + (6 + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + (((6! + (5 \times (4! + 3))) \times 2) - 1) \\ 284013 &:= 1 \times 2 - ((3^4 \times 5) - (6^7 + 8!/9)) &= 9 + 8! + (7 \times ((6 + (5! + 4! \times 3!)) \times 2 \times 1)) \\ 284014 &:= (1 + (((2 - 3!) + 4^5) \times 6)) + (7 \times (8! - 9)) &= (9 + (8! \times 7 + 6!)) + (((5 + 4!) \times (3!^2)) + 1) \\ 284015 &:= (1 - ((2 \times (3^4 + 5!)) - 6^7)) + 8!/9 &= (((9 \times 8) + 7) \times (6! \times 5)) - 4! - (3!!/2 + 1) \\ 284016 &:= (1 + ((2 + 3!) \times (4 + 5!))) + (6! + (7 \times (8! + 9))) &= (9 \times (8! - (7 \times 6! - 5!))) - (4! \times (3!! \times 2 + 1)) \\ 284017 &:= (1 + ((2 \times 3!) \times 4^5)) + (6 \times ((7! - 8) \times 9)) &= (((9 \times 8) + 7) \times (6! \times 5)) - 4! - (3!!/2 - 1) \\ 284018 &:= 1 - ((2 + (3 \times (4 + 5! - 6!))) - (7 \times 8! - 9)) &= (9 + 8! \times 7) + (((6! \times 5 - 4^3)/2) + 1) \\ 284019 &:= ((1 + 2)!! - (3 \times (4 - 5!))) + (6! + 7 \times 8! - 9) &= ((9 + 8!) \times 7) + ((6! + (5! + (4! - 3!))) \times 2 \times 1) \\ 284020 &:= (1 + (2 \times (3^4 + (5! + 6!)))) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) + (((6! + (5! + (4! - 3!))) \times 2) + 1) \\ 284021 &:= 1 \times ((2 \times (3! \times 4! - (5 - 6!))) + (7 \times (8! + 9))) &= ((9 + 8!) \times 7) + ((6! - (5 - 4! \times 3!)) \times 2 \times 1) \\ 284022 &:= (1 + (((2 - 3^4) \times 5) + 6^7)) + 8!/9 &= ((9 + 8! \times 7) - 6) - ((5 \times (4 - 3!!/2)) + 1) \\ 284023 &:= ((1 + ((2 + 3!)! + (4! \times (5 + 6)))) \times 7) - 8 \times 9 &= ((9 + 8! \times 7) - 6) - (5 \times (4 - (3!!/2 \times 1))) \\ 284024 &:= (12 \times (3!! + 4)) - (5! - (6^7 - 8!/9)) &= ((9 + 8! \times 7) - 6) - ((5 \times (4 - 3!!/2)) - 1) \\ 284025 &:= ((1 - 2 \times 3!) \times (4! - 5!)) + (6! + (7 \times 8! + 9)) &= ((9 \times ((8 + 7! - 6!) \times 5))/4!) \times (3!^2 - 1) \\ 284026 &:= (1 + (((2 + 3!)! / 4!) + 5!)) - (6 - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) + (((6! + (5! + (4! - 3!))) \times 2) + 1) \\ 284027 &:= ((1 \times 2^{3!}) \times (4! + 5)) - (6 - (7 \times (8! - 9))) &= ((9 + 8!) \times 7) + (((6!/5 \times 4!) - 3!)/2) - 1 \\ 284028 &:= ((1 + (2^{3!} \times (4! + 5))) - 6) + (7 \times (8! - 9)) &= (9 + ((8!/7!)^6)) + ((5^4) \times (3!^2 - 1)) \\ 284029 &:= (1 + (2^{3 \times 4})) - (5 - (6^7 - 8 + 9)) &= (((9 \times 8) + 7) \times (6! \times 5)) - (((4! + 3!)/2) - 1) \\ 284030 &:= ((1 + ((2 \times 3!)/4)) \times 5) - (6 - (7 \times 8! - 9)) &= (9 + 8! \times 7 + 6) - (5 \times (4 - (3!!/2 - 1))) \\ 284031 &:= (((1 + 2)!!/3) \times 4) + (5! + (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! + 5!)) + (4! \times (3!^2 + 1)) \\ 284032 &:= ((1 - 2 \times 3!) \times 4!) - (5! - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - 6) - (5 \times (((4! - 3!)/2) + 1)) \\ 284033 &:= (1 - ((2 - 3!) \times (4! - 5!))) + (6^7 + 8!/9) &= (9 + 8! \times 7) + (((6! \times 5 - (4! + 3!))/2) - 1) \end{aligned}$$

$$\begin{aligned}
 284034 &:= 1 - (((2 - 3!) \times 4^5) - (6^7 - 8 + 9)) &= (9 + 8! \times 7 + 6) - ((5 \times (4 - 3!!/2)) + 1) \\
 284035 &:= (1 + 2)!! - (3! - (4^5 - (6 - (7 \times (8! + 9)))))) &= ((9 + 8!) \times 7) + (((6!/5 \times 4!) + 3!)/2) + 1) \\
 284036 &:= 1 - (2 \times 3! - (4^5 + (6! + (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7) - 6) - (((5 \times (4! - 3!!))/2) + 1) \\
 284037 &:= ((1 \times 2 + 3!)/4!) + (5! + ((6 + 7 \times 8!) - 9)) &= (9 + (((8!/7!) + 6!) \times (5!/4))) \times (3! \times 2 + 1) \\
 284038 &:= (1 + (((2 + 3!)/4!) + 5!)) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + 6!) + ((5 + 4!) \times (3!^2 - 1)) \\
 284039 &:= ((1 \times 2^{3!}) + 4^5) + (6! + 7 \times 8! - 9) &= (9 \times (8! - 7!)) - (((6! \times (5! - (4! + 3))))/2) + 1) \\
 284040 &:= (1 + 2^{3!}) + (4^5 + (6! + 7 \times 8! - 9)) &= (9 - (8 \times (7! - 6^5))) + ((4^{3^2}) - 1) \\
 284041 &:= (1 - (2 \times 3!! \times 4!)) + ((5! - (6! \times 7 - 8!)) \times 9) &= (9 \times (8! - 7!)) - (((6! \times (5! - (4! + 3))))/2) - 1) \\
 284042 &:= ((1 + ((2 \times 3!!)/4)) \times 5) + ((6 + 7 \times 8!) - 9) &= (9 - (8 \times (7! - 6^5))) + ((4^{3^2}) + 1) \\
 284043 &:= (1 + (2^{3!+4})) - (5 - (6! + (7 \times (8! + 9)))) &= (((9 \times 8) + 7) \times (6! \times 5)) + 4) - (3!!/2 + 1) \\
 284044 &:= 1 - (((2 + 3!!) - 4^5) \times 6) - (7 \times 8! - 9) &= (9 + (8! \times 7 + 6!)) + (5 \times ((4! \times (3^2)) - 1)) \\
 284045 &:= 1 \times (2 + ((3 \times (4 - (5! - 6!))) + 7 \times 8! - 9)) &= ((9 + 8!) \times 7) + (((6 - (5 \times (4! - 3!!)))/2) - 1) \\
 284046 &:= 1 + (2 + ((3 \times (4 - (5! - 6!))) + 7 \times 8! - 9)) &= (9 + 8! \times 7 + 6) - (((5 \times (4 - 3!!))/2) - 1) \\
 284047 &:= 1 - (((2 + (3 \times 4!)) \times 5) - (6^7 + 8!/9)) &= (((9 \times 8) + 7) \times (6! \times 5 - 4)) - (3!^2 + 1) \\
 284048 &:= ((1 + ((2 \times 3!!)/4)) \times 5) - (6 - (7 \times 8! + 9)) &= ((9 + 8!) \times 7!/6!) - (5 \times (((4! - 3!!)/2) - 1)) \\
 284049 &:= (1 + 2)! + ((3 \times (4 - (5! - 6!))) + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6!) - (5! \times (4 - ((3! - 2)! + 1))) \\
 284050 &:= (1 + 2^{3!}) \times (4 - (5! - (6 + (7! \times 8/9)))) &= ((9 + 8!) \times 7) - (((6! - 5!) - 4^{3!})/2) + 1) \\
 284051 &:= (1 \times 2 - (((3 - 4!) \times 5!) + (6! - (7 \times 8!)))) + 9 &= (((9 \times 8) + 7) \times (6! \times 5)) + (((4! - 3!!)/2) - 1) \\
 284052 &:= (1 - ((2 \times 3!!)/4)) - (5 - (6^7 + 8!/9)) &= ((9 + 8!) \times 7) - (((6! - 5!) - 4^{3!})/2) - 1) \\
 284053 &:= (1 + (2^{3!+4})) + (5 + (6! + (7 \times (8! + 9)))) &= ((9 + 8! \times 7) - (6 - ((5 \times (4 + 3!!))/2))) \times 1) \\
 284054 &:= 1 - (2 - ((3! \times (4^5 - 6!)) + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) - (5 \times (((4! - 3!!)/2) - 1)) \\
 284055 &:= 1 - ((2 + 3 \times 4! \times 5) - (6^7 + 8!/9)) &= ((9 + 8! \times 7) - 6! + 5) + (((4 + 3)!/2) + 1) \\
 284056 &:= (1 + (((2 + 3!)/4!) + 5!)) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + (((5!/4!) \times 3!!/2) + 1) \\
 284057 &:= (1 \times 2 + ((3! \times (4^5 - 6!)) + 7 \times 8!)) - 9 &= (9 + (8! \times 7 + 6!)) + (((5!/4) + 3)^2) - 1) \\
 284058 &:= (1 + 2^{3!}) + (4^5 + (6! + (7 \times 8! + 9))) &= 9 + 8! + (((7^6) + (5! + 4^{3!})) \times 2) - 1) \\
 284059 &:= 1 \times (2 \times 3! + (4^5 + (6! + (7 \times (8! + 9)))))) &= (9 + (8! \times 7 + 6!)) + (((5!/4) + 3)^2) + 1) \\
 284060 &:= 1 - (2 - ((3 \times (4 - (5! - 6!))) + (7 \times 8! + 9))) &= 9 + 8! + (((7^6) + (5! + 4^{3!})) \times 2) + 1) \\
 284061 &:= (1 + 2)! - (((3!! - 4^5) \times 6) - (7 \times 8! - 9)) &= (((9 \times 8) + 7) \times (6! \times 5 - 4)) - ((3! - 2)! - 1) \\
 284062 &:= (1 - ((2 \times 3!!)/4)) + (5 + (6^7 + 8!/9)) &= ((9 + 8! \times 7) - 6) + ((5 \times (4 + 3!!/2)) - 1) \\
 284063 &:= (1 \times 2 + ((3 \times (4 - (5! - 6!))) + 7 \times 8!)) + 9 &= (((9 \times 8) + 7) \times (6! \times 5)) + 4!) - (3!!/2 + 1) \\
 284064 &:= ((1 - 2 \times 3!!) \times 4!) + ((5! - (6! \times 7 - 8!)) \times 9) &= ((9 + 8! \times 7) - 6) + ((5 \times (4 + 3!!/2)) + 1) \\
 284065 &:= (1 - (2^{3!} \times 4!)) + ((5 \times 6) \times (7! + 8!/9)) &= (((9 \times 8) + 7) \times (6! \times 5)) + 4!) - (3!!/2 - 1) \\
 284066 &:= 1 \times (((2 - 3 \times 4!) \times 5) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6!) + (((5 + 4!) \times (3!^2)) - 1) \\
 284067 &:= 1 + (((2 - 3 \times 4!) \times 5) + (6^7 + 8!/9)) &= ((9 - (8!/7)) - 6^5) \times (4 - ((3! - 2)! + 1)) \\
 284068 &:= (1 + (((2 - 3!!) + 4^5) \times 6)) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6!) + (((5 + 4!) \times (3!^2)) + 1) \\
 284069 &:= (((1 + 2)!^3) + 4) \times 5 + (6! + (7 \times 8! + 9)) &= (((9 + 8 \times 7) \times 6) \times (5^4)) + ((3! + 2)! - 1) \\
 284070 &:= 1 \times 2 + ((3 \times (4 - 5!)) + (6^7 + 8!/9)) &= 9 - (((8 - ((7^6) + ((5 + 4!)^3))) \times 2) - 1) \\
 284071 &:= (1 + 2) + ((3 \times (4 - 5!)) + (6^7 + 8!/9)) &= (((9 \times 8) + 7) \times (6! \times 5 - 4)) - (3! \times 2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 284072 &:= 1 \times 2 + (((3! + 4!) \times (5 + 6!)) - 7!) \times (8 + 9)) &= ((9 + 8!) \times 7) + (((6! \times 5 - 4^3)/2) + 1) \\
 284073 &:= 1 - (2 \times 3! + ((4 - (5 \times 6!)) \times (7 + 8 \times 9))) &= (((9 \times 8) + 7) \times (6! \times 5 - 4)) - ((3! \times 2) - 1) \\
 284074 &:= (1 + ((2 \times (3^4 + (5! + 6!))) + 7 \times 8!)) - 9 &= (9 + 8! \times 7 + 6) + ((5 \times (4 + 3!/2)) - 1) \\
 284075 &:= 1 \times ((2 + 3!^4) - (5! - (6! + (7 \times (8! - 9)))))) &= (((9 \times ((8 + 7!) \times 6)) + 5!)/4!) \times ((3! - 2)! + 1) \\
 284076 &:= 1 \times (((2 - (3!! + 4!)) \times 5) - ((6 + 7!) - 8!) \times 9) &= 9 - (8 - (((7^6) + ((5 + 4!)^3)) \times 2) - 1) \\
 284077 &:= 1 + (((2 - (3!! + 4!)) \times 5) - ((6 + 7!) - 8!) \times 9) &= (((9 \times 8) + 7) \times (6! \times 5)) - (((4! - 3!)^2) - 1) \\
 284078 &:= ((1 + ((2 + 3!)! + (4! \times (5 + 6)))) \times 7) - (8 + 9) &= 9 - (8 - (((7^6) + ((5 + 4!)^3)) \times 2) + 1) \\
 284079 &:= ((1 - 2 \times 3!) \times (4! - 5!)) + (6! + (7 \times (8! + 9))) &= (9 + (8! \times 7 + 6!)) + ((5!/4) \times (3!^2 + 1)) \\
 284080 &:= ((1 \times 2^{3 \times 4}) + 5!) + (6^7 - 8 \times 9) &= (9 + 8! \times 7 + 6) + (5 \times (4 + (3!/2 + 1))) \\
 284081 &:= ((1 \times 2^{3!}) \times (4! + 5)) - (6 - (7 \times 8! - 9)) &= 9 + (8! \times 7 + ((6! \times 5 + 4^3)/2 \times 1)) \\
 284082 &:= 1 \times (2 \times (3!! + ((4! \times (5! + (6! + 7! + 8)))) + 9))) &= (((9 + 8!) \times 7) - 6) - (5 \times (((4 - 3!)/2) + 1)) \\
 284083 &:= 1 + (2 \times (3!! + ((4! \times (5! + (6! + 7! + 8)))) + 9))) &= (((9 \times 8) + 7) \times (6! \times 5 - 4)) - 3) + (2 \times 1) \\
 284084 &:= (1 + 2)!! - (3!! + ((4 - (5 \times 6!)) \times (7 + 8 \times 9))) &= (9 + (8! \times 7 + 6!)) + (((5! + 4) \times (3^2)) - 1) \\
 284085 &:= (1 - (2 \times (3! + 4!))) \times ((5 + ((6! - 7!)/8)) \times 9) &= (((9 \times 8) + 7) \times (6! \times 5 - 4)) + 3) - 2 \times 1 \\
 284086 &:= (1 + (((2 - 3!!) + 4^5) \times 6)) + (7 \times 8! + 9) &= (9 + (8! \times 7 + 6!)) + (((5! + 4) \times (3^2)) + 1) \\
 284087 &:= ((1 + 2) \times 3!! - (4^5 - 6!)) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) + (((6! \times 5 - (4! + 3!))/2) - 1) \\
 284088 &:= ((1 - 2^{3!}) \times 4!) + ((5 \times 6) \times (7! + 8!/9)) &= (9 + 8! \times 7) + (((6^5 - 4^{3!})/2) - 1) \\
 284089 &:= ((1 \times 2 \times (3!! - (4 + 5!))) + 6!) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) - (((6 + (5 \times (4 - 3!)))/2) + 1) \\
 284090 &:= (1 + (2 \times (3!! - (4 + 5!)))) + (6! + (7 \times (8! - 9))) &= 9 + (8! \times 7 + (((6^5 - 4^{3!})/2) + 1)) \\
 284091 &:= ((1 + 2)!! - (3! - (4 \times 5!))) + (6! + (7 \times (8! - 9))) &= (((9 \times 8) + 7) \times (6! \times 5 - 4)) + (3! + (2 - 1)) \\
 284092 &:= (1 + ((2 \times (3^4 + (5! + 6!))) + 7 \times 8!)) + 9 &= (((9 + 8!) \times 7) - 6) + ((5!/4!) \times (3!/2 - 1)) \\
 284093 &:= ((1 \times 2 \times (3!^4 - 5)) - 6!) + (7 \times 8! - 9) &= (9 \times (8! - (7! - (6 + 5!)))) - ((4! \times 3!! \times 2) + 1) \\
 284094 &:= (1 + (2 \times (3!^4 - 5))) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) - (5 \times (((4 - 3!)/2) + 1)) \\
 284095 &:= (1 - (2 \times 3!! \times 4!)) + ((5! + (6 - (7! - 8!))) \times 9) &= (9 \times (8! - (7! - (6 + 5!)))) - ((4! \times 3!! \times 2) - 1) \\
 284096 &:= (1 + (2^{3!+4})) + (5! + (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) + ((5 + 4!) \times (3!^2 + 1)) \\
 284097 &:= (1 - (2^{3!+4})) - ((5 \times 6! + 7! - 8!) \times 9) &= (((9 \times 8) + 7) \times (6! \times 5 - 4)) + (3! \times 2 + 1) \\
 284098 &:= 1 + 2 \times 3!! + ((4! \times (5!/6)) + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6!) + (5 \times ((4! \times (3^2)) - 1)) \\
 284099 &:= ((1 + (2 \times 3!^4)) - 5) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) - ((5 \times (4 - 3!))/2 \times 1) \\
 284100 &:= ((1 + (2^{3!} \times (4! + 5))) - 6) + (7 \times 8! + 9) &= 9 - (((8 + 7!/6) - 5) \times (4! - (3!/2 + 1))) \\
 284101 &:= 1 - (2 \times ((3! + 4!) \times ((5! - (6! - 7)) \times 8) + 9))) &= (((9 + 8!) \times 7) - 6!) + ((5! \times (4! - 3)) - (2 \times 1)) \\
 284102 &:= ((1 + ((2 \times 3!)/4)) \times 5) - (6 - (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6) + (((5 \times (4! + 3!))/2) - 1) \\
 284103 &:= ((1 + 2)!! + (3! + (4 \times 5!))) + (6! + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6!) - (5! \times (4 - ((3! - 2)! + 1))) \\
 284104 &:= (1 + (2 \times 3!^4)) - ((5! \times 6) - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) + (((5 \times (4! + 3!))/2) + 1) \\
 284105 &:= (1 - (2 + 3!) \times 4!) - (5! - (6^7 + 8!/9)) &= 9 - ((8 + 7! - ((6! + 5) \times 4!)) \times ((3! - 2)! - 1)) \\
 284106 &:= (1 + 2)!! - ((3! + 4^5) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - (6 - ((5 \times (4 + 3!))/2))) - 1 \\
 284107 &:= ((1 + 2)! \times (3!! - 4!)) - (5 + (6^7 \times (8 - 9))) &= (9 + 8! \times 7) + (((6 \times ((5^4) - 3!))/2) + 1) \\
 284108 &:= 1 \times ((2 \times 3!^4) + (5 - (6! - (7 \times 8! - 9)))) &= (9 + 8! - 7!) - (((6! - 5) \times ((4! - 3!)/2)) + 1) \\
 284109 &:= (1 + ((2 \times 3!^4) + 5)) - (6! - (7 \times 8! - 9)) &= (((9 \times 8) + 7) \times (6! \times 5 - 4)) + ((3! - 2)! + 1)
 \end{aligned}$$

$$\begin{aligned}
 284110 &:= (((1 + 2^{3!}) \times (4! + 5)) - 6) + (7 \times 8! - 9) &= (9 + 8! - 7!) - (((6! - 5) \times ((4! - 3!)/2)) - 1) \\
 284111 &:= (((1 \times 2^{3!}) \times (4! + 5)) + (6 + 7 \times 8!)) + 9 &= (((9 + 8!) \times 7) + 6!) + (((5!/4) + 3^2) - 1) \\
 284112 &:= (1 + (2 \times (3!^4 - 5))) - (6! - (7 \times 8! + 9)) &= 9 - ((8 \times (7 - (6! + ((5! + 4! \times 3!)) \times 2))) + 1) \\
 284113 &:= ((1 \times 2 \times (3!^4 + 5)) - 6!) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6!) + (((5!/4) + 3^2) + 1) \\
 284114 &:= ((1 + (2 \times (3!^4 + 5))) - 6!) + (7 \times 8! - 9) &= 9 - ((8 \times (7 - (6! + ((5! + 4! \times 3!)) \times 2))) - 1) \\
 284115 &:= 1 - ((2 + ((3!/4) + 5!)) - (6^7 + 8!/9)) &= (9 + 8! \times 7 + 6) + ((5 \times (4! + 3!))/2 \times 1) \\
 284116 &:= 1 - (((2 + 3!) - 4^5) \times 6) - (7 \times (8! + 9)) &= (9 + 8! \times 7 + 6) + (((5 \times (4! + 3!))/2) + 1) \\
 284117 &:= ((1 + (2 \times 3!^4)) - 5) - (6! - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + (((6! - (5! - 4)) \times 3) + 2 \times 1) \\
 284118 &:= ((1 - 2 \times 3!) \times 4!) + ((5! + (6 - (7! - 8!))) \times 9) &= (((9 + 8!) \times 7) - 6) + ((5 \times (4 + 3!/2)) + 1) \\
 284119 &:= 1 - ((2 \times (3! \times 4! + 5)) - (6^7 + 8!/9)) &= (((9 \times 8) + 7) \times (6! \times 5 - 4)) + (3!^2 - 1) \\
 284120 &:= 1 \times ((2 + 3!) \times ((4 + ((5! - 6! + 7!) \times 8)) - 9)) &= (9 + 8! - 7!) - ((6^5 \times (4 - 3!^2)) + 1) \\
 284121 &:= 1 + ((2 + 3!) \times ((4 + ((5! - 6! + 7!) \times 8)) - 9)) &= (((9 \times 8) + 7) \times (6! \times 5 - 4)) + 3!^2 + 1 \\
 284122 &:= ((1 + 2^{3!}) \times (4! + 5)) + ((6 + 7 \times 8!) - 9) &= (9 + 8! - 7!) - ((6^5 \times (4 - 3!^2)) - 1) \\
 284123 &:= 1 - ((2 \times (3 + 4! + 5!)) - (6^7 + 8!/9)) &= 9 + (((8! \times 7!/6!) + ((5^4) \times 3)) - (2 - 1)) \\
 284124 &:= (1 - (2 \times 3! \times 4!)) - (5 - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6) + (5 \times (((4 + 3!)/2) + 1)) \\
 284125 &:= 1 + 2 \times 3! + (4 \times (5! + (6 \times 7! + 8! - 9))) &= 9 + ((8! \times 7!/6!) + (((5^4) \times 3) + (2 - 1))) \\
 284126 &:= ((1 \times 2 \times 3!^4) + (5 - 6!)) + (7 \times 8! + 9) &= ((9 + 8!) \times 7) - (((6 - 5!) \times (4! - (3! + 2))) + 1) \\
 284127 &:= 1 - ((2 - (3 \times (4! - 5!))) - (6^7 + 8!/9)) &= ((9 + 8! \times 7) - 6) + (((5^4) + 3) \times (2 + 1)) \\
 284128 &:= (((1 + 2^{3!}) \times (4! + 5)) - 6) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + 6) + ((5 \times (4 + 3!/2)) - 1) \\
 284129 &:= ((1 \times 2 + 3!^4) - (5! - 6!)) + (7 \times 8! - 9) &= (9 + (8! \times 7 + 6!)) + ((5! - 4) \times (3^2 + 1)) \\
 284130 &:= 1 \times 2 + ((3 \times (4! - 5!)) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6) + ((5 \times (4 + 3!/2)) + 1) \\
 284131 &:= ((1 \times 2 \times (3!^4 + 5)) - 6!) + (7 \times 8! + 9) &= (9 \times ((8! - 7!) - (6 \times (5^4)))) + (3!/2 + 1) \\
 284132 &:= ((1 + (2 \times (3!^4 + 5))) - 6!) + (7 \times 8! + 9) &= (9 + 8! \times 7) + (6 + (((5^4) \times 3) + 2 \times 1)) \\
 284133 &:= (((1 + 2!) + 3!^4) - 5!) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6!) + ((5!/4) \times (3!^2 + 1)) \\
 284134 &:= (1 - (2 \times 3! \times 4!)) + (5 + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6) + (5 \times (4 + (3!/2 + 1))) \\
 284135 &:= 1 - ((2 \times 3^4) + (5! - (6^7 + 8!/9))) &= ((9 + 8!) \times 7) + ((6! \times 5 + 4^3)/2 \times 1) \\
 284136 &:= 1 \times (2 \times (((3 \times 4) \times (5^6)) - ((7! + 8) \times 9))) &= (9 + 8! \times 7) - (6 - (((5^4) + 3!) \times (2 + 1))) \\
 284137 &:= 1 + (2 \times (((3 \times 4) \times (5^6)) - ((7! + 8) \times 9))) &= 9 - (8 \times ((7! - (6^5 - 4)) \times (3! \times 2 + 1))) \\
 284138 &:= 1 - (((2 + 3!) \times (4 - ((5! - 6! + 7!) \times 8))) - 9) &= (((9 + 8!) \times 7) + 6!) + (((5! + 4) \times (3^2)) - 1) \\
 284139 &:= 1 - ((2 \times (3! \times 4! - 5)) - (6^7 + 8!/9)) &= ((9 + 8! \times 7) + ((6 + 5^4) \times 3)) - (2 + 1) \\
 284140 &:= 1 \times ((2 \times (3! - (4! + 5!))) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6!) + (((5! + 4) \times (3^2)) + 1) \\
 284141 &:= 1 + ((2 \times (3! - (4! + 5!))) + (6^7 + 8!/9)) &= 9 + ((8! \times 7 + ((6 + 5^4) \times 3)) - (2 - 1)) \\
 284142 &:= ((1 + 2!) \times (3! - (4! - 5!))) - (6^7 \times (8 - 9)) &= ((9 + 8!) \times 7) + (((6^5 - 4^{3!})/2) - 1) \\
 284143 &:= ((1 \times 2 \times (3! - (4 + 5!))) + 6!) + (7 \times 8! - 9) &= (((9 \times 8) + 7) \times (6! \times 5)) - ((4^{3! - 2}) + 1) \\
 284144 &:= (1 + (2 \times (3! - (4 + 5!)))) + (6! + 7 \times 8! - 9) &= ((9 + 8!) \times 7) + (((6^5 - 4^{3!})/2) + 1) \\
 284145 &:= (1 - (2^{3!} \times 4)) + (5 \times (6! \times (7 + 8 \times 9))) &= (((9 \times 8) + 7) \times (6! \times 5)) - ((4^{3! - 2}) - 1) \\
 284146 &:= (1 + (2 \times 3! + ((4 \times 5!) - (6 - (7 \times 8!)))) - 9 &= (9 + 8! \times 7) - (((6 - (5! \times 4)) \times (3! - 2)) - 1) \\
 284147 &:= ((1 - 2 \times 3!) \times 4!) - (5 - (6^7 + 8!/9)) &= 9 \times 8 + (((7^6) + ((5 + 4!)^3)) \times 2) - 1
 \end{aligned}$$

$$\begin{aligned}
 284148 &:= 1 \times 2 \times ((3!! - (4! + ((5 \times (6 + 7!)) - 8!))) \times 9) &= 9 \times 8 + (((7^6) + ((5 + 4!)^3)) \times 2 \times 1) \\
 284149 &:= (1 + 2^{3!}) - ((4 - (5 \times 6!)) \times (7 + 8 \times 9)) &= 9 \times 8 + (((7^6) + ((5 + 4!)^3)) \times 2) + 1) \\
 284150 &:= 1 - (2 - (3!! + (4 \times 5! + (6! + 7 \times 8! - 9)))) &= (((9 + 8!) \times 7) - 6) + ((5 + (43^2)) - 1) \\
 284151 &:= 1 - ((2 + (3! \times 4! + 5!)) - (6^7 + 8!/9)) &= (9 + (8 \times 7! + ((6 + 5) \times 4!)) \times (3! + (2 - 1))) \\
 284152 &:= 1 + 2 \times 3!! + ((4! \times (5!/6)) + 7 \times 8! - 9) &= 9 + (((8! \times 7) - 6!/5) + (4^{3!}/2)) - 1) \\
 284153 &:= (1 \times 2 + (3!! + (4 \times 5! + (6! + 7 \times 8!)))) - 9 &= (9 + 8! \times 7) - (6!/5 - (4^{3!}/2 \times 1)) \\
 284154 &:= ((1 + (2^{3!} \times (4! + 5))) - 6) + (7 \times (8! + 9)) &= 9 - ((8 \times (7 - ((6! + 5) \times ((4 + 3)^2)))) - 1) \\
 284155 &:= 1 - (2 \times (3 + (4! \times (5 \times 6! - (7! + 8!/9)))) &= 9 - (8 - (((7! - (6! - 5!)) \times (4^3)) - (2 + 1)!)) \\
 284156 &:= (1 - (2^{3!} \times 4)) - (5 - (6^7 + 8!/9)) &= (9 + 8! \times 7) - (((6 - (5! \times (4!/3))) \times 2) + 1) \\
 284157 &:= ((1 - 2 \times 3!) \times 4!) + (5 + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - 6) + ((5 \times (4! + 3!))/2 \times 1) \\
 284158 &:= (1 - ((2 - 3!) \times (4 \times 5!))) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) + (6^5/4)) - (3!^2 - 1) \\
 284159 &:= ((1 \times 2 \times (3!! + 4 - 5!)) + 6!) + (7 \times 8! - 9) &= (9 \times (8! - 7!)) - (((((6! + 5) \times 4!) - 3!)) \times 2) + 1) \\
 284160 &:= ((1 \times 2 \times (3!! \times 4! + 5!)) + 6!) \times (7 - 8 + 9) &= (9 + (8! \times 7 + 6!)) - (((5! + (4 - 3!)) \times 2) + 1) \\
 284161 &:= (1 + (2 \times (3!^4 \times 5!))) - ((6 \times 7! \times 8)/9) &= ((9 + 8!) \times 7) + (((6 \times ((5^4) - 3!))/2) + 1) \\
 284162 &:= (1 + (2 \times (3!! - (4 + 5!)))) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6) + (5 \times (((4! + 3!)/2) + 1)) \\
 284163 &:= 1 \times (((2 + 3!! \times 4) - (5 - 6!)) \times (7 + 8 \times 9)) &= 9 - (8 - (((7! - (6! - 5!)) \times (4^3)) + 2 \times 1)) \\
 284164 &:= (1 + (2 \times 3!! + ((4 \times 5!) - (6 - (7 \times 8!)))) + 9 &= ((9 + 8! \times 7) - (6 - (5! \times 4))) + (3!! \times 2 + 1) \\
 284165 &:= ((1 \times 2 \times (3!^4 - 5)) - 6!) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + (((6 + (5 \times (4! + 3!)))/2) - 1) \\
 284166 &:= (1 - (2^{3!} \times 4 - (5 + 6^7))) + 8!/9 &= (9 + 8! \times 7) - (((6 - (5! \times 4!))/3) \times 2) - 1) \\
 284167 &:= ((1 \times 2^{3!}) \times (4! - 5)) + (6! + 7 \times 8! - 9) &= (9 + (8! \times 7 + (6! + (5! \times 4)))) + (3!! - (2 \times 1)) \\
 284168 &:= (1 + ((2^{3!} \times (4! - 5)) + 6!)) + (7 \times 8! - 9) &= (9 + (8! \times 7 + 6!)) - (((5 \times 4!) - 3!)) \times 2) + 1) \\
 284169 &:= (1 \times 2 \times 3!^4) + (5! - (6! - (7 \times (8! - 9)))) &= (9 \times ((8! - 7) - 6^5)) - (4! \times (3!!/2 + 1)) \\
 284170 &:= 1 + 2 \times 3!! + ((4! \times (5!/6)) + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - (5! - (4^{3!}/2 - 1)) \\
 284171 &:= 1 - ((2 \times (3 + (4! \times 5))) - (6^7 + 8!/9)) &= ((9 + 8! \times 7) - 6) - (5! - (4^{3!}/2 \times 1)) \\
 284172 &:= 1 + (2 + (3!! + (4 \times 5! + (6! + (7 \times 8! + 9)))) &= ((9 + 8! \times 7) - 6) - (5! - (4^{3!}/2 + 1)) \\
 284173 &:= ((1 - 2 \times 3!) \times (4 - 5!)) + (6! + (7 \times (8! - 9))) &= (9 + 8! \times 7) + (((6 + (5! \times 4!))/3) \times 2 \times 1) \\
 284174 &:= 1 \times ((2 \times ((3 - 4) - 5!)) + (6^7 + 8!/9)) &= (9 + 8! \times 7) - ((6 \times (5! - ((4! - 3)^2))) + 1) \\
 284175 &:= 1 - (((2 + 3!!) - (4 \times 5!)) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6!) - ((5! + (4! - 3!)) \times 2 \times 1) \\
 284176 &:= (1 - ((2 - 3!) \times (4 \times 5!))) + (6 + (7 \times 8! + 9)) &= (9 + (8! \times 7!/6!)) - (5! - (4^{3!}/2 - 1)) \\
 284177 &:= (1 - ((2 \times 3!!)/4)) + (5! + (6^7 + 8!/9)) &= (9 + (8! \times 7!/6!)) - (5! - (4^{3!}/2 \times 1)) \\
 284178 &:= (1 \times 2 - 3!!) + (4 \times 5! + (6^7 + 8!/9)) &= (9 + (8! \times 7!/6!)) - (5! - (4^{3!}/2 + 1)) \\
 284179 &:= 1 - ((2 \times ((3 - 4) + 5!)) - (6^7 + 8!/9)) &= 9 + (8 + (((7! - (6! - 5!)) \times (4^3)) + 2 \times 1)) \\
 284180 &:= ((1 \times 2 \times 3!^4) + (5 - 6!)) + (7 \times (8! + 9)) &= ((9 + 8! \times 7) + (6^5/4)) - (3! \times 2 + 1) \\
 284181 &:= (1 + ((2 \times 3!^4) + 5)) - (6! - (7 \times (8! + 9))) &= (9 + 8! \times 7) - (6 \times (5! - (((4! - 3)^2) + 1))) \\
 284182 &:= 1 \times ((2 \times (3 - (4! \times 5))) + (6^7 + 8!/9)) &= (9 + 8! \times 7 + 6) - (5! - (4^{3!}/2 - 1)) \\
 284183 &:= 1 + ((2 \times (3 - (4! \times 5))) + (6^7 + 8!/9)) &= ((9 + 8! \times 7) + (6^5/4)) - (3^2 + 1) \\
 284184 &:= (1 \times 2 + 3!!) + (4! \times (((5! \times 6!) - 7!)/8) - 9) &= (9 + 8! \times 7 + 6) - (5! - (4^{3!}/2 + 1)) \\
 284185 &:= (1 + (2 + 3!)) + (4! \times (((5! \times 6!) - 7!)/8) - 9) &= 9 \times 8 + (7! + (((6^5 - 4!) \times (3!^2)) + 1))
 \end{aligned}$$

$$\begin{aligned}
 284186 &:= ((1 + 2^{3!}) \times (4! - 5)) + (6! + 7 \times 8! - 9) &= ((9 + 8!) \times 7) + (6 + (((5^4) \times 3) + 2 \times 1)) \\
 284187 &:= (1 - (2 \times (3 - 4!))) \times (5! + ((6! - (7 - 8)) \times 9)) &= (((9 + 8! \times 7) + (6^5/4)) - 3) - (2 + 1) \\
 284188 &:= ((1 + 2)! \times (3! - 4!)) - (5! - (6^7 + 8!/9)) &= (((9 + 8!/7!) \times 6!) + (5! - 4)) \times ((3! - 2)! - 1) \\
 284189 &:= 1 - ((2 \times (3! \times (4! - 5))) - (6^7 + 8!/9)) &= ((9 + 8! \times 7) + (6^5/4)) - ((3 + 2) - 1) \\
 284190 &:= 1 \times 2 \times (3! + ((4 \times ((5! - 6! + 7!) \times 8)) + 9)) &= ((9 + 8! + (7 \times (6^5 - 4))) - 3) \times (2 + 1) \\
 284191 &:= (((1 + 2)!^3) + 4^5) + (6! + 7 \times 8! - 9) &= (((9 + 8! + (7 \times ((6 + 5)^4))) - 3!!) \times 2) - 1 \\
 284192 &:= (((1 + 2)!^{3!})/4!) + 5) - (6 - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + (((6 + 5!) \times ((4! + 3!)/2)) - 1) \\
 284193 &:= (1 - 2^{3!}) \times ((4! \times (5 - 6)) - (7 + 8!/9)) &= (((9 + 8! + (7 \times ((6 + 5)^4))) - 3!!) \times 2) + 1 \\
 284194 &:= 1 + 2 \times 3!! + ((4 \times (5! + 6)) + (7 \times 8! + 9)) &= (9 \times ((8! - 7) - 6^5)) - (4! \times 3!!/2 - 1) \\
 284195 &:= 1 \times 2 + (3!^4 + ((5! \times 6) + (7 \times (8! - 9)))) &= ((9 + (8! + ((7! \times 6) + 5!))) \times 4) + 3!! \times 2 - 1 \\
 284196 &:= 1 \times (2 \times 3!! + (4 \times (5! + (6 \times 7! + 8! + 9)))) &= (9 + (8! + ((7! \times 6) + (5! \times 4)))) \times ((3 + 2) - 1) \\
 284197 &:= 1 - ((2 - 3!) \times (4 \times 5! + (6 \times 7! + 8! + 9))) &= ((9 + (8! + ((7! \times 6) + 5!))) \times 4) + (3!! \times 2 + 1) \\
 284198 &:= 1 - ((23 \times (4 - 5!)) + (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - ((6 - 5!) \times 4)) + 3!! \times 2 - 1 \\
 284199 &:= (1 + 2)! + (3!^4 + ((5! \times 6) + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + ((6 + 5^4) \times 3)) + (2 + 1) \\
 284200 &:= (1 + (2 \times (3!! + (4! - 5!)))) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - ((6 - 5!) \times 4)) + (3!! \times 2 + 1) \\
 284201 &:= ((1 \times 2 + 3!^4) - (5! - 6!)) + (7 \times (8! + 9)) &= ((9 + 8! \times 7) + (6^5/4)) + (3! + 2 \times 1) \\
 284202 &:= (((1 + 2)! \times (3 \times (4! + 5!))) + (6 \times (7 - 8!/9))) &= ((9 + 8! + (7 \times 6^5)) - (4! + 3)) \times (2 + 1) \\
 284203 &:= (1 + (2 \times (3!^4 \times 5!))) + (6 \times (7 - 8!/9)) &= ((9 + 8! \times 7) + (6^5/4)) + 3^2 + 1 \\
 284204 &:= ((1 + 2^{3!}) \times (4! - 5)) + (6! + (7 \times 8! + 9)) &= ((9 + 8! \times 7) + (6^5/4)) + ((3! \times 2) - 1) \\
 284205 &:= (((1 + 2) \times (3!! - 4!)) - 5!) + ((6 + 7 \times 8!) - 9) &= (((9 \times 8) + 7) \times (6! \times 5 - 4)) + ((3 + 2)!) + 1 \\
 284206 &:= 1 \times ((2 \times ((3 - 4!) \times 5)) + (6^7 + 8!/9)) &= (9 + (8! \times 7 + 6!)) + (((5^4) - 3!) \times 2) - 1 \\
 284207 &:= 1 + ((2 \times ((3 - 4!) \times 5)) + (6^7 + 8!/9)) &= (((9 \times 8) + 7) \times (6! \times 5)) - ((4! \times (3! + 2)) + 1) \\
 284208 &:= (1 - (2 \times (3! - 4^5))) - (6 - (7 \times (8! - 9))) &= (9 + (8! \times 7 + 6!)) + (((5^4) - 3!) \times 2) + 1 \\
 284209 &:= (1 - (2^{3!} \times (4 \times 5!))) + ((6^7/8) \times 9) &= (((9 \times 8) + 7) \times (6! \times 5)) - ((4! \times (3! + 2)) - 1) \\
 284210 &:= (1 - (((2 - 3!!) \times 4) + 5!)) - (6! - (7 \times (8! - 9))) &= ((9 + 8!) \times 7) - (((6 - (5! \times (4!/3))) \times 2) + 1) \\
 284211 &:= (((1 + 2)!^{3!})/4) - ((5 - (6 \times (7! + 8))) \times 9) &= (9 + ((8 \times 7) \times ((6! + 5) \times (4 + 3)))) + (2 \times 1) \\
 284212 &:= (((1 + 2)! \times 3!!) + 4) - (5! - (6^7 + 8 \times 9)) &= (9 + (8! \times 7 + 6!)) + (((5^4) - 3) \times 2) - 1 \\
 284213 &:= 1 - ((2 \times (3! - (4! - 5!))) - (6^7 + 8!/9)) &= ((9 + (8! + 7!)) \times 6) + ((5! \times ((4 + 3!)^2)) - 1) \\
 284214 &:= (1 + 2 \times 3!! - 4) - (5! - (6! + (7 \times (8! - 9)))) &= (9 + (8! \times 7 + 6!)) + (((5^4) - 3) \times 2) + 1 \\
 284215 &:= 1 - (2 \times ((3 - 4!) \times ((5! + (6! + 7)) \times 8) - 9)) &= ((9 + (8! + 7!)) \times 6) + ((5! \times ((4 + 3!)^2)) + 1) \\
 284216 &:= (1 + (2 \times (3!! - (4 + 5!)))) + (6! + (7 \times (8! + 9))) &= (9 + (8! \times 7 + 6!)) - (((5! - (4! + 3!)) \times 2) + 1) \\
 284217 &:= 1 - (((2^{3!}) - 4!) \times 5) - (6^7 + 8!/9) &= (9 \times ((8! - 7) - 6^5)) - (4! \times (3!!/2 - 1)) \\
 284218 &:= (1 + (2 \times (3!! + (4! - 5!)))) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + (((5^{4!/3!}) \times 2) - 1) \\
 284219 &:= ((1 \times 2 + 3!! \times 4) - 5!) - (6! - (7 \times (8! - 9))) &= (9 \times (((8! - 7!/6)/5) \times 4)) - (3!^2 + 1) \\
 284220 &:= (1 - (2 + 3!) \times 4!) - (5 - (6^7 + 8!/9)) &= ((9 + 8!) \times 7) - (((6 - (5! \times 4!))/3) \times 2) - 1) \\
 284221 &:= 1 \times (2 \times 3!! + (4 - (5! - (6! + (7 \times (8! - 9)))))) &= (9 \times (((8! - 7!/6)/5) \times 4)) - (3!^2 - 1) \\
 284222 &:= (1 + (2 \times 3!! + 4 - 5!)) + (6! + (7 \times (8! - 9))) &= 9 + ((8! \times 7 + (6 \times (5 + ((4! - 3!)^2)))) - 1) \\
 284223 &:= 1 - ((2 + ((3 \times 4!) + 5!)) - (6^7 + 8!/9)) &= (9 + 8! \times 7) - (6 \times ((5!/4) - (3!!/2 - 1)))
 \end{aligned}$$

$$\begin{aligned}
 284224 &:= ((1 + (2 \times (3!! - 4!))) - (5! - (6! + 7 \times 8!))) - 9 &= (9 + (8! \times 7 + 6!)) + (((5^4) + 3) \times 2) - 1 \\
 284225 &:= (1 + (2 + 3!))! + (4 \times (5^6 + (7! + 8! - 9))) &= (9 + (8! \times 7 + 6!)) + (((5^4) + 3) \times 2 \times 1) \\
 284226 &:= 1 \times ((2 - ((3 \times 4!) + 5!)) + (6^7 + 8!/9)) &= (9 + (8! \times 7 + 6!)) + (((5^4) + 3) \times 2) + 1 \\
 284227 &:= 1 - (2 \times (3 - (4 \times (((5! - 6! + 7!) \times 8) + 9)))) &= ((9 + 8!) \times 7) + (((6 + (5! \times 4!))/3) \times 2 \times 1) \\
 284228 &:= (((1 + 2)! \times 3!) - 4!) - (5 - (6^7 - 8 + 9)) &= ((9 + 8!) \times 7) - ((6 \times (5! - ((4! - 3!)^2))) + 1) \\
 284229 &:= (1 - 2^{3!}) - (4 + 5! - (6^7 + 8!/9)) &= ((9 + 8! \times 7) + (6^5/4)) + (3! \times (2 + 1)!) \\
 284230 &:= (1 - (2 + 3!) \times 4!) + (5 + (6^7 + 8!/9)) &= ((9 + 8! \times 7) + (6^5/4)) + 3!^2 + 1 \\
 284231 &:= 1 \times 2 - (((3! - 4!) \times (5! - 6)) - (7 \times (8! - 9))) &= (9 \times (((8! - 7!/6)/5) \times 4)) - ((3! - 2)! + 1) \\
 284232 &:= (1 + (2 \times (3! + 4^5))) - (6 - (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6) - (((5! - 4^3)/2) - 1) \\
 284233 &:= 1 - ((2 + 3!) \times ((4 \times 5!) - (6! - (7! - 8! - 9)))) &= (9 \times (((8! - 7!/6)/5) \times 4)) - ((3! - 2)! - 1) \\
 284234 &:= (1 + 2) - (((3!!/4) + 5) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6^5/4)) - (3! \times 2 + 1) \\
 284235 &:= (((1 + 2)!^{3!}) - (4! + 5)) \times 6 - (7 - 8!/9) &= (9 + 8! \times 7) + (6 \times ((5 \times ((4^3) + 2)) + 1)) \\
 284236 &:= ((1 + (2^{3!} \times 4)) \times 5) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6) - (5! - (4^{3!}/2 - 1)) \\
 284237 &:= (1 - (2 \times (3! + 4!))) - (5! - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6^5/4)) - (3^2 + 1) \\
 284238 &:= ((1 + (2 \times 3!^4)) \times 5!) - (6 \times (7 + 8!/9)) &= (((9 + 8!) \times 7) + 6) - (5! - (4^{3!}/2 + 1)) \\
 284239 &:= ((1 \times 2^{3!}) \times (4! - 5)) + (6! + (7 \times (8! + 9))) &= 9 + ((8! \times 7 + (((6 - 5!) + 4^{3!})/2)) - 1) \\
 284240 &:= (1 + ((2^{3!} \times (4! - 5)) + 6!)) + (7 \times (8! + 9)) &= (9 + (8! \times 7 + (6! - 5!))) - (((4! - 3!!) \times 2) + 1) \\
 284241 &:= ((1 + (((2 \times 3! \times 4!) + 5!) \times 6!)) - 7!) - 8!/9 &= (9 + (8! \times 7 + (6! - 5!))) - ((4! - 3!!) \times 2 \times 1) \\
 284242 &:= ((1 + (2 \times (3!! - 4!))) - (5! - (6! + 7 \times 8!))) + 9 &= (9 + 8! \times 7 + 6) - (((5! - 4^{3!})/2) + 1) \\
 284243 &:= (1 - (2 \times (3 + 4!))) - (5! - (6^7 + 8!/9)) &= (9 \times (((8! - 7!/6)/5) \times 4)) - (3! \times 2 + 1) \\
 284244 &:= (1 + (2 \times (3! + 4^5))) + (6 + (7 \times (8! - 9))) &= (9 + 8! \times 7 + 6) - (((5! - 4^{3!})/2) - 1) \\
 284245 &:= ((1 - 2 \times 3!) \times (4 - 5!)) + (6! + (7 \times 8! + 9)) &= (9 \times (((8! - 7!/6)/5) \times 4)) - ((3! \times 2) - 1) \\
 284246 &:= ((1 + 2)!! + (3!^4 + 5)) - (6 - (7 \times 8! - 9)) &= (9 \times (((8! - 7!/6)/5) \times 4)) - (3^2 + 1) \\
 284247 &:= ((1 + 2)! - (3!!/4)) + (5 + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6!) + (((5 \times (4 + 3))^2) - 1) \\
 284248 &:= (1 + 2 \times 3!! - 4!) - (5! - (6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + 6!)) + ((5 \times (4^{3! - 2})) - 1) \\
 284249 &:= (1 - (2 \times 3! \times 4!)) + (5! + (6^7 + 8!/9)) &= (9 \times (((8! - 7!/6)/5) \times 4)) - (3! + (2 - 1)) \\
 284250 &:= (1 - (2 \times 3^4)) - (5 - (6^7 + 8!/9)) &= (9 + (8! \times 7 + 6!)) + ((5 \times (4^{3! - 2})) + 1) \\
 284251 &:= (1 \times 2 + 3!)! + ((4 \times (5^6 + (7! + 8!))) - 9) &= (((9 + 8!) \times 7) - 6!) + ((5! - 4) \times ((3! - 2)! - 1)) \\
 284252 &:= (1 + (2 + 3!))! + ((4 \times (5^6 + (7! + 8!))) - 9) &= (((9 \times 8) + 7) \times (6! \times 5)) - (4 \times (3!^2 + 1)) \\
 284253 &:= ((1 + 2)! - 3!!) + ((4! \times (5! - 6)) + 7 \times 8! - 9) &= 9 - (((8! + (7 \times 6^5)) - 4) \times (3 - (2 + 1)!)) \\
 284254 &:= 1 \times (2 + (3!^4 + (5 + (6! + 7 \times 8! - 9)))) &= (9 + 8! \times 7) + (6! + (5 \times ((4^{3! - 2}) + 1))) \\
 284255 &:= 1 + (2 + (3!^4 + (5 + (6! + 7 \times 8! - 9)))) &= (9 \times (8! - (7! + (6! \times 5)))) - ((4! \times (3!^2)) + 1) \\
 284256 &:= ((1 - 2 \times 3!) \times (4! \times (5! + 6))) - ((7! - 8!) \times 9) &= (9 \times 8 \times ((7 + (6! + 5!)) \times 4)) + (3! + 2 \times 1)! \\
 284257 &:= (1 - 2^{3!}) + ((4! - 5!) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6^5/4)) + 3^2 + 1 \\
 284258 &:= ((1 + 2^{3!}) \times (4! - 5)) + (6! + (7 \times (8! + 9))) &= 9 + 8! + (7 \times (((6!/5 + 4! \times 3!!) \times 2) - 1)) \\
 284259 &:= 1 - (2 - (3!^4 - (5 - (6! + (7 \times 8! + 9)))))) &= 9 - (((((8! \times 7)/6!) + 5) \times (4 - 3!!)) + 2 \times 1) \\
 284260 &:= (1 - (2 \times 3^4)) + (5 + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6!) + (((5^4) - 3!) \times 2) - 1 \\
 284261 &:= 1 - 2 \times 3! - ((4! + 5!) - (6^7 + 8!/9)) &= ((9 + 8! \times 7) + (6^5)) - (4 \times (3!! \times 2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 284262 &:= (1 - (2 \times (3! - 4^5))) - (6 - (7 \times 8! - 9)) &= & ((9 + 8!) \times 7) + 6! + (((5^4) - 3!) \times 2) + 1 \\
 284263 &:= ((1 \times 2 \times (3!! - 4)) - 5!) + (6! + 7 \times 8! - 9) &= & (9 - (((8! \times 7)/6!) + 5) \times (4 - 3!)) + (2 \times 1) \\
 284264 &:= (1 - (((2 - 3!!) \times 4) + 5!)) - (6! - (7 \times 8! - 9)) &= & ((9 + 8! \times 7) + (6^5)) - ((4 \times 3!! \times 2) + 1) \\
 284265 &:= 1 - ((2 + (3! + 4! + 5!)) - (6^7 + 8!/9)) &= & ((9 + 8! \times 7) - ((6 + 5!) \times 4!)) + ((3! + (2 - 1)))! \\
 284266 &:= (1 + 2 \times 3!! - 4!) - (5! - (6! + (7 \times 8! + 9))) &= & (9 \times (((8! - 7!/6)/5) \times 4)) + 3^2 + 1 \\
 284267 &:= 1 \times (2 - ((3 \times ((4 - 5!) \times 6)) - (7 \times (8! - 9)))) &= & (9 \times (((8! - 7!/6)/5) \times 4)) + ((3! \times 2) - 1) \\
 284268 &:= (1 + 2 \times 3!! - 4) - (5! - (6! + 7 \times 8! - 9)) &= & (((9 + 8!) \times 7) + 6!) + (((5^4) - 3) \times 2) + 1 \\
 284269 &:= 1 \times ((2 - (3! \times 4! + 5)) + (6^7 + 8!/9)) &= & ((9 + 8! \times 7) + (6^5)) - (4 \times (3!! \times 2 - 1)) \\
 284270 &:= (1 + (2 + 3!))! + ((4 \times (5^6 + (7! + 8!))) + 9) &= & 9 - (((8 - (7! - (6! + 5))) \times ((4^3) + 2)) + 1) \\
 284271 &:= 1 - ((2 + ((3!! \times 4!)/5!)) - (6^7 + 8!/9)) &= & (((9 + 8!) \times 7) + 6!) + ((5! - 4!) \times (3! \times 2 + 1)) \\
 284272 &:= ((1 - 2 \times 3!) \times 4!) + (5! + (6^7 + 8!/9)) &= & 9 - (((8 - (7! - (6! + 5))) \times ((4^3) + 2)) - 1) \\
 284273 &:= ((1 \times 2 + 3!! \times 4) - 5!) - (6! - (7 \times 8! - 9)) &= & ((9 + 8!) \times 7) - (6! - (((5^4) + 3!!) \times 2 \times 1)) \\
 284274 &:= (1 - (2 \times (3! - 4^5))) + ((6 + 7 \times 8!) - 9) &= & (((9 + 8!) \times 7) + 6!) + (((5^{4!/3!}) \times 2) + 1) \\
 284275 &:= (1 + 2)! - ((3 + 4! + 5!) - (6^7 + 8!/9)) &= & 9 + (8! \times 7 + (((6 + (5 + 4)) \times 3)^2) + 1) \\
 284276 &:= (1 + (2 \times 3!! + 4 - 5!)) + (6! + 7 \times 8! - 9) &= & ((9 + 8!) \times 7) + ((6 \times (5 + ((4! - 3!)^2))) - 1) \\
 284277 &:= 1 \times 2 + ((3 - (4! + 5!)) + (6^7 + 8!/9)) &= & ((9 + 8!) \times 7) - (6 \times ((5!/4) - (3!!/2 - 1))) \\
 284278 &:= (1 + 2) + ((3 - (4! + 5!)) + (6^7 + 8!/9)) &= & (((9 + 8!) \times 7) + 6!) + (((5^4) + 3) \times 2) - 1 \\
 284279 &:= 1 - ((2 + (3 \times (4! - (5 + 6!)))) - (7 \times (8! - 9))) &= & (9 \times (((8! - 7!/6)/5) \times 4)) + ((3! - 2)! - 1) \\
 284280 &:= ((1 + (2 \times 3!^4)) \times 5!) - ((6 \times 7! \times 8)/9) &= & (((9 + 8!) \times 7) + 6!) + (((5^4) + 3) \times 2) + 1 \\
 284281 &:= (1 - (2^{3!} \times 4)) + (5! + (6^7 + 8!/9)) &= & (9 \times (((8! - 7!/6)/5) \times 4)) + ((3! - 2)! + 1) \\
 284282 &:= (1 - (((2 - 3!!) \times 4) + 5!)) - (6! - (7 \times 8! + 9)) &= & (((9 + 8!) \times 7) + 6!) + (((5! \times (4! - 3))/2) - 1) \\
 284283 &:= ((1 + 2)! - 3! \times 4!) + (5 + (6^7 + 8!/9)) &= & ((9 + 8) \times ((7!/6!)^5)) - (4 \times (3!!/2 - 1)) \\
 284284 &:= ((1 \times 2 \times (3!! - 4!)) - 5) + (6! + (7 \times (8! - 9))) &= & (((9 + 8!) \times 7) + (6^5/4)) + 3!^2 + 1 \\
 284285 &:= 1 + 2 \times 3! - ((4! + 5!) - (6^7 + 8!/9)) &= & ((9 + 8! \times 7) - 6) - (5 - (4^{3!}/2 - 1)) \\
 284286 &:= (1 + (2 \times (3! + 4^5))) - (6 - (7 \times 8! - 9)) &= & (((9 + 8!) \times 7) - 6) - (((5! - 4^{3!})/2) - 1) \\
 284287 &:= 1 \times ((2 + (3^4 \times (5 \times (6! - 7)))) - 8!/9) &= & ((9 + 8! \times 7) - (6! + (5! - (4 \times 3!)))) - 2 \times 1 \\
 284288 &:= 1 + ((2 + (3^4 \times (5 \times (6! - 7)))) - 8!/9) &= & (9 + (8! \times 7 + ((6! - 5!) \times 4))) - (3!!/2 + 1) \\
 284289 &:= (1 - 2 \times 3!) + (4 - 5! + (6^7 + 8!/9)) &= & ((9 + 8!) \times 7) + (6 \times ((5 \times ((4^3) + 2)) + 1)) \\
 284290 &:= (1 + 2 \times 3!! - (4! \times 5)) + (6! + (7 \times 8! + 9)) &= & ((9 + 8! \times 7) - 6!/5!) + (4^{3!}/2 - 1) \\
 284291 &:= (1 \times 2 \times (3 + 4^5)) + ((6 + 7 \times 8!) - 9) &= & (9 \times (((8! - 7!/6)/5) \times 4)) + (3!^2 - 1) \\
 284292 &:= (1 + (2 \times (3 + 4^5))) + ((6 + 7 \times 8!) - 9) &= & ((9 + 8! \times 7) - 6!/5!) + (4^{3!}/2 + 1) \\
 284293 &:= 1 \times (2 \times 3!! + (4 - (5! - (6! + (7 \times 8! + 9)))) &= & (9 \times (((8! - 7!/6)/5) \times 4)) + 3!^2 + 1 \\
 284294 &:= (1 + (2 \times 3!! + 4 - 5!)) + (6! + (7 \times 8! + 9)) &= & (((9 + 8!) \times 7) + (6! - 5!)) - (((4! - 3!!) \times 2) + 1) \\
 284295 &:= (1 + ((2 \times (3!! - 4!)) + 5)) + (6! + (7 \times (8! - 9))) &= & ((9 + 8! \times 7) - 6) + ((5 + (4^{3!}/2)) - 1) \\
 284296 &:= (1 - (2^{3!} \times 4!)) + (5 \times 6! + 7 \times 8! - 9) &= & (((9 + 8!) \times 7) + 6) - (((5! - 4^{3!})/2) + 1) \\
 284297 &:= (1 + (2 + 3!))! + (4 \times (5^6 + (7! + 8! + 9))) &= & ((9 + 8! \times 7) - 6) + (5 + (4^{3!}/2 + 1)) \\
 284298 &:= (1 + (2 \times (3! + 4^5))) + ((6 + 7 \times 8!) - 9) &= & (((9 + 8!) \times 7) + 6) - (((5! - 4^{3!})/2) - 1) \\
 284299 &:= ((1 - 2 \times 3!) \times (4 - 5!)) + (6! + (7 \times (8! + 9))) &= & (((9 + 8!) \times 7) + 6!) + ((5! - 4) \times ((3! \times 2) - 1))
 \end{aligned}$$

$$\begin{aligned}
 284300 &:= (1 + (2 \times (3! - (4! - 5)))) + (6! + (7 \times (8! - 9))) = (((((9 \times 8) + 7) \times 6!) / 5) - 4) \times ((3! - 2)! + 1) \\
 284301 &:= 1 \times 2 + ((3 - (4! \times 5)) + (6^7 + 8! / 9)) = (9 + ((8! \times 7! / 6!) + 5)) + (4^{3!} / 2 - 1) \\
 284302 &:= (1 + 2) + ((3 - (4! \times 5)) + (6^7 + 8! / 9)) = (9 + (8! \times 7 + (6! / 5!))) + (4^{3!} / 2 - 1) \\
 284303 &:= 1 \times 2 - (((3! - 4!) \times (5! - 6)) - (7 \times 8! + 9)) = (9 + ((8! \times 7! / 6!) + 5)) + (4^{3!} / 2 + 1) \\
 284304 &:= 1 - ((2 \times (3 - (4^5 + 6))) - (7 \times 8! + 9)) = (9 + (8! \times 7 + (6! / 5!))) + (4^{3!} / 2 + 1) \\
 284305 &:= 1 + 2 \times 3! - (4 + 5! - (6^7 + 8! / 9)) = (((9 \times 8) + 7) \times (6! \times 5)) - ((4 \times (3! - 2)! - 1) \\
 284306 &:= (1 \times 2 - 3!^4) + ((5 \times 6) \times (7! + 8! / 9)) = (9 + 8! \times 7) - ((6 \times (5 + ((4! - 3!!) / 2))) + 1) \\
 284307 &:= 1 - (((2 - (3 \times 4)) + 5!) - (6^7 + 8! / 9)) = (9 + 8! \times 7 + 6) + ((5 + (4^{3!} / 2)) - 1) \\
 284308 &:= ((1 + (2^{3!} \times 4)) \times 5) + (6! + (7 \times (8! + 9))) = ((9 + 8!) \times 7) + (6! + (5 \times ((4^{3! - 2}) + 1))) \\
 284309 &:= (1 - 2 \times 3!) + ((4! - 5!) + (6^7 + 8! / 9)) = (9 + 8! \times 7 + 6) + (5 + (4^{3!} / 2 + 1)) \\
 284310 &:= 1 - ((2 - ((3 - 4!) \times 5)) - (6^7 + 8! / 9)) = (9 + 8! \times 7) + ((6! - ((5! / 4) + 3)) \times (2 + 1)) \\
 284311 &:= (1 + 2) + (((3 \times 4) - 5!) + (6^7 + 8! / 9)) = ((9 + (8! \times 7 + 6!)) + ((5^4) + 3!)) - (2 + 1) \\
 284312 &:= ((1 + 2)! + 3!) + (4 - 5! + (6^7 + 8! / 9)) = (9 + (8! \times 7 + (6! - 5!))) + (4! + (3! \times 2 - 1)) \\
 284313 &:= 1 + 2 \times 3! + (4 - 5! + (6^7 + 8! / 9)) = ((9 + (8! \times 7! / 6!)) + 5^4) + 3! \times 2 - 1 \\
 284314 &:= (1 - (2^{3!} \times 4!)) + (5 \times 6! + (7 \times 8! + 9)) = (9 + (8! \times 7 + (6! - 5!))) + (4! + (3! \times 2 + 1)) \\
 284315 &:= (1 \times 2 \times (3! + 4^5)) + (6 + (7 \times 8! + 9)) = ((9 + (8! \times 7! / 6!)) + 5^4) + (3! \times 2 + 1) \\
 284316 &:= (1 + (2 \times (3! + 4^5))) + (6 + (7 \times 8! + 9)) = ((9 + (8! \times 7 + 6!)) + ((5^4) + 3!)) + (2 \times 1) \\
 284317 &:= (1 + 2)! + (((3 - 4!) \times 5) + (6^7 + 8! / 9)) = (((9 + 8!) \times 7) + ((6! / 5!)^4)) + (3! - (2 \times 1)) \\
 284318 &:= (1 + 2 \times 3!) - (4 \times 5 - (6! + (7 \times (8! - 9)))) = (9 + 8! \times 7) - (((6 \times ((5! / 4) - 3!)) / 2) + 1) \\
 284319 &:= ((1 - 2^{3!}) \times 4!) + (5 \times 6! + 7 \times 8! - 9) = ((9 + 8! \times 7 + 6) + 5^4) + 3! \times 2 - 1 \\
 284320 &:= ((1 + (2 \times (3! + 4!))) - 5!) + (6! + 7 \times 8! - 9) = (9 \times ((8! + 7) - 6^5)) - (4! \times 3! / 2 - 1) \\
 284321 &:= (1 \times 2 - ((3 \times ((4 - 5!) \times 6)) - (7 \times 8!))) - 9 = (9 + 8! \times 7) - (((6 \times ((5 + 4!) - 3!)) / 2) + 1) \\
 284322 &:= ((1 + (2 \times 3!^4)) \times 5!) + (6 \times (7 - 8! / 9)) = (((9 + 8!) \times 7) - 6 \times 5) + (4^{3!} / 2 + 1) \\
 284323 &:= 1 \times 2 + (((3 - 4) + 5 \times 6!) \times (7 + 8 \times 9)) = (9 + 8! \times 7) - (((6 \times ((5 + 4!) - 3!)) / 2) - 1) \\
 284324 &:= (1 - (2^{3!} + 4!)) - (5 - (6^7 + 8! / 9)) = (((9 \times 8) + 7) \times (6! \times 5 - 4)) + (3! / (2 + 1)) \\
 284325 &:= (1 - (2^{3!} \times 4)) \times (5 + ((6 \times 7! - 8!) / 9)) = (((((9 \times 8) + 7) \times (6! \times 5)) - ((4! \times 3) + 2)) - 1) \\
 284326 &:= (1 - (2 \times 3! - 4! \times 5!)) - (6! - (7 \times (8! - 9))) = (((((9 \times 8) + 7) \times (6! \times 5)) - ((4! \times 3) + 2)) \times 1) \\
 284327 &:= 1 \times 2 - ((3 \times (4 - 5! \times 6)) - (7 \times (8! - 9))) = (((((9 \times 8) + 7) \times (6! \times 5)) - ((4! \times 3) + 2)) + 1) \\
 284328 &:= ((1 - (2^{3!} \times 4)) \times 5!) + ((6^7 / 8) \times 9) = (9 + (8! \times 7 + (6 \times 5))) + (4^{3!} / 2 + 1) \\
 284329 &:= (1 + (((2 + 3!)! - (4 \times 5!)) \times 6)) + ((7! - 8) \times 9) = 9 \times 8 + ((7 + 6!) \times ((5! / 4) + (3! / 2 + 1))) \\
 284330 &:= (1 + (2 \times (3! - 4))) + ((5! \times 6) + (7 \times (8! - 9))) = (((((9 \times 8) + 7) \times (6! \times 5)) - (4! \times 3)) + (2 \times 1) \\
 284331 &:= 1 \times 2 - ((3 \times (4! + 5)) - (6^7 + 8! / 9)) = (9 \times (8 + (7! \times 6))) + (((5! - (4 + 3!))^2) - 1) \\
 284332 &:= 1 \times 2 - (3^4 + (5 - (6^7 + 8! / 9))) = (9 \times (8 + (7! \times 6))) + ((5! - (4 + 3!))^2 \times 1) \\
 284333 &:= 1 + 2 \times 3! + ((4! - 5!) + (6^7 + 8! / 9)) = (9 + (8! \times 7 + 6!)) + ((5! + 4) \times ((3! \times 2) - 1)) \\
 284334 &:= (((1 + (2 + 3!))! - (4 \times 5!)) \times 6) + ((7! - 8) \times 9) = (((9 + 8!) \times 7) + (6! - 5!)) - (((4 - 3!)) \times 2) + 1) \\
 284335 &:= (1 - (2 - 3!)) \times 4 + (5 - (6! - (7 \times (8! - 9)))) = 9 + 8! - (((7! - (6! \times 5! - 4!)) \times 3) + 2 \times 1) \\
 284336 &:= (1 - (((2 - 3!)) \times 4) + 5!) - (6! - (7 \times (8! + 9))) = (9 + (8! \times 7 + (6! - 5!))) + (((4! + 3!)) \times 2) - 1) \\
 284337 &:= ((1 + ((2 + (3 \times 4!)) \times 5!)) + 6^7) - 8! / 9 = (9 + (8! \times 7 + (6! - 5!))) + ((4! + 3!)) \times 2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 284338 &:= ((1 + (2 \times (3!! + 4!))) - 5!) + (6! + (7 \times 8! + 9)) &= (9 + 8! \times 7) - (((6!/5!) \times ((4! - 3!)/2)) - 1) \\
 284339 &:= (1 - (2 \times (3 - 4!))) - (5! - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - 6) - (5 - (4^{3!}/2 - 1)) \\
 284340 &:= (1 + 2 \times 3!! - 4) - (5! - (6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (6! - (5! + 4))) + (3!! \times 2 + 1) \\
 284341 &:= ((1 + 2 \times 3!!) \times 4) - (5 \times 6! - (7 \times (8! - 9))) &= (((9 \times 8) + 7) \times (6! \times 5)) - 4! - (3!^2 - 1) \\
 284342 &:= 1 + 2 \times 3!! + (4 + ((5! \times 6) + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + ((6! - 5!) \times 4)) - (3!!/2 + 1) \\
 284343 &:= ((1 + 2) - 3^4) + (5 + (6^7 + 8!/9)) &= (9 \times ((8! + 7) - 6^5)) - (4! \times (3!!/2 - 1)) \\
 284344 &:= (1 - (2 \times (3!! + 4!))) + (5 \times 6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + ((6! - 5!) \times 4)) - (3!!/2 - 1) \\
 284345 &:= (1 + 2 \times 3! \times 4) - (5! - (6^7 + 8!/9)) &= (((9 + 8!) \times 7!/6!) - 5) + (4^{3!}/2 - 1) \\
 284346 &:= (1 - ((2^{3!} - 4! \times 5!)) - (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6! - (5! - 4))) + 3!! \times 2 - 1 \\
 284347 &:= (1 + (2 \times 3!! + 4)) + (5 + (6! + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7!/6!) - 5) + (4^{3!}/2 + 1) \\
 284348 &:= ((1 + 2 \times 3!) \times 4) - (5! - (6^7 + 8!/9)) &= (9 + (8! \times 7 + 6!)) - (((5! - (4 \times 3!))/2) + 1) \\
 284349 &:= (1 + 2 \times 3!) \times ((4! \times (5 + 6!)) - (7 - 8!/9)) &= (((9 + 8!) \times 7) - 6) + ((5 + (4^{3!}/2)) - 1) \\
 284350 &:= 1 + 2 \times 3! + (4! \times 5! - (6! - (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - 6) + (((5! + 4^{3!})/2) - 1) \\
 284351 &:= (1 + (2 \times (3 + 4!))) - (5! - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - 6) + (5 + (4^{3!}/2 + 1)) \\
 284352 &:= (1 - (2 \times (3! + 4!))) - (5 - (6^7 + 8!/9)) &= ((9 + 8! \times 7) - 6) + (((5! + 4^{3!})/2) + 1) \\
 284353 &:= ((1 \times 2 \times (3!! - (4! - 5))) + 6!) + (7 \times 8! - 9) &= (9 + 8! \times 7) - (((6 - 5! - 4^{3!})/2) + 1) \\
 284354 &:= (1 + (2 \times (3!! - (4! - 5)))) + (6! + 7 \times 8! - 9) &= (9 + ((8!/7!)^6)) + ((5 + 4! \times 3!)^2 \times 1) \\
 284355 &:= (1 + (2^{3!} + 4!)) \times (5 \times (6! \times 7/8 + 9)) &= (((9 + 8!) \times 7!/6!) + 5) + (4^{3!}/2 - 1) \\
 284356 &:= (1 - 2 \times 3!!) + (((4! \times (5^6 - 7!))/8) \times 9) &= (((9 + 8!) \times 7) + (6!/5!)) + (4^{3!}/2 - 1) \\
 284357 &:= (1 + (2 \times (3! + 4!))) - (5! - (6^7 + 8!/9)) &= (((9 + 8!) \times 7!/6!) + 5) + (4^{3!}/2 + 1) \\
 284358 &:= (1 - (2 \times (3 + 4!))) - (5 - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6!/5!)) + (4^{3!}/2 + 1) \\
 284359 &:= (1 \times 2 - 3!!) + ((4 \times (5 + 6!)) + (7 \times (8! - 9))) &= (9 + 8! \times 7) + (((6 + 5!) + 4^{3!})/2 - 1) \\
 284360 &:= 1 \times 2^{3!} - ((4! \times 5) - (6^7 + 8!/9)) &= ((9 + 8!) \times 7) - ((6 \times (5 + ((4! - 3!)/2))) + 1) \\
 284361 &:= (1 + 2^{3!}) - ((4! \times 5) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6) + ((5 + (4^{3!}/2)) - 1) \\
 284362 &:= (1 - (2 \times (3! + 4!))) + (5 + (6^7 + 8!/9)) &= ((9 + 8! \times 7 + 6) + ((5! + 4^{3!})/2)) - 1 \\
 284363 &:= (1 + 2 \times 3!! - (4! + 5)) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6) + (5 + (4^{3!}/2 + 1)) \\
 284364 &:= (1 + (2 \times (3 + 4^5))) + (6 + (7 \times (8! + 9))) &= ((9 + 8! \times 7) + ((6 + ((5 \times 4!)/3))^2)) - 1 \\
 284365 &:= (1 + 2^{3!}) + (4 - 5! + (6^7 + 8!/9)) &= ((9 + 8! \times 7) + ((6 + ((5 \times 4!)/3))^2)) \times 1 \\
 284366 &:= (1 \times 2 - 3!!) - ((4 + (5 \times 6! + 7! - 8!)) \times 9) &= ((9 + 8! \times 7) + ((6 + ((5 \times 4!)/3))^2)) + 1 \\
 284367 &:= ((1 - 2 \times 3!) \times 4) - (5 - (6^7 + 8!/9)) &= (9 + (8! \times 7 + (6! + 5))) - (((4! - 3!) \times 2) - 1) \\
 284368 &:= (1 - (2 \times (3 + 4!))) + (5 + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! - 5!)) + (4! + (3!! \times 2 + 1)) \\
 284369 &:= (1 \times 2 + (3!^4 + 5!)) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7!/6!) + 5^4) + (3!! \times 2 + 1) \\
 284370 &:= 1 - (2 + (3!! + ((4 \times (5 - 6!)) - (7 \times 8! - 9)))) &= (9 + (8! \times 7 + 6!)) + (((5 - (4! - 3!)) \times 2) - 1) \\
 284371 &:= ((1 \times 2 \times (3!! - (4! - 5))) + 6!) + (7 \times 8! + 9) &= (((9 \times 8) + 7) \times (6! \times 5)) - 4 - ((3! - 2)! + 1) \\
 284372 &:= (1 - 2^{3!}) + ((4! - 5) + (6^7 + 8!/9)) &= ((9 + 8! \times 7) - 6!) + ((5! \times 4!) - (3!^2 + 1)) \\
 284373 &:= (1 + 2 \times 3!! - 4!) + (5 + (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) + 5^4 + 3!! \times 2 - 1 \\
 284374 &:= (((1 + (2 + 3!))! + 4^5) - 6!) \times 7 + (8 - 9) &= ((9 + 8! \times 7) - 6!) + ((5! \times 4!) - (3!^2 - 1)) \\
 284375 &:= (1 - (2 \times 3^4)) + (5! + (6^7 + 8!/9)) &= ((9 + 8!) \times 7) - (((6 \times ((5 + 4!) - 3!))/2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 284376 &:= 1 - 2 \times 3! - ((4! + 5) - (6^7 + 8!/9)) &= (((((9 \times 8) + 7) \times (6! - 5!)) - 4) \times 3) \times 2 \times 1 \\
 284377 &:= (1 + ((2 \times 3!) \times 4^5)) + ((6 \times 7! - 8) \times 9) &= ((9 + 8!) \times 7) - (((6 \times ((5 + 4!) - 3!)) / 2) - 1) \\
 284378 &:= (1 \times 2 - (3!! + 4!)) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 + (8! \times 7 + (6! - (5!/4)))) + 3!! \times 2 - 1 \\
 284379 &:= (1 - (2 - 3!!) \times 4) - (5 + 6! - (7 \times 8! - 9)) &= (9 + 8! - 7!) + ((6! - (5!/4)) \times (3!!/2 + 1)) \\
 284380 &:= ((1 + 2^{3!}) \times (4 + 5! - 6! + 7!)) - 8!/9 &= (9 + (8! \times 7 + (6! - (5!/4)))) + (3!! \times 2 + 1) \\
 284381 &:= (1 + 2 \times 3!! - (4! + 5)) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! - 5))) - (4! - (3!! \times 2 + 1)) \\
 284382 &:= (1 - 2^{3!}) + ((4! + 5) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6 \times 5)) + (4^{3!}/2 + 1) \\
 284383 &:= (1 + 2 \times 3!! - 4) - (5 - (6! + 7 \times 8! - 9)) &= (9 \times (8! - 7!)) + (6! - (((5! + 4^3)^2) + 1)) \\
 284384 &:= (1 + (2 \times (3!! - 4))) + ((5! \times 6) + 7 \times 8! - 9) &= (9 + (8! \times 7 + (6 \times 5! - 4!))) + 3!! \times 2 - 1 \\
 284385 &:= (1 + (2^{3!} + 4!)) - (5! - (6^7 + 8!/9)) &= (9 \times (8! - 7!)) + (6! - (((5! + 4^3)^2) - 1)) \\
 284386 &:= 1 - 2 \times 3! - ((4! - 5) - (6^7 + 8!/9)) &= (9 + (8! \times 7 + (6! \times 5 - 4!))) - (3!! \times 2 - 1) \\
 284387 &:= (1 \times 2 - (3!! - 4! \times 5!)) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) + ((5! + 4) \times ((3! \times 2) - 1)) \\
 284388 &:= (1 + 2 \times 3!!) - (4 - ((5! \times 6) + 7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! - 5 \times 4))) + 3!! \times 2 - 1 \\
 284389 &:= (1 - (2 - 3!!) \times 4) + (5 - (6! - (7 \times 8! - 9))) &= (9 \times (8! - 7!)) + (((6! - (5 + 4! \times 3!)) \times 2) - 1) \\
 284390 &:= ((1 \times 2 \times (3!! + 4!)) + 5) + (6! + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6! - 5!)) + (((4! + 3!)) \times 2) - 1) \\
 284391 &:= (1 - (2 \times (3!! \times 4! + (5 - 6!)))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) + (((6! - (5 + 4! \times 3!)) \times 2) + 1) \\
 284392 &:= (1 + (2 + 3!))! + ((4! \times ((5! \times 6!) - 7!)/8) - 9) &= ((9 + 8!) \times 7) - (((6!/5!) \times ((4! - 3!)/2)) - 1) \\
 284393 &:= (1 + 2 \times 3!! - 4) + (5 + (6! + 7 \times 8! - 9)) &= (((9 \times 8) + 7) \times (6! \times 5)) + 4 - ((3! \times 2) - 1) \\
 284394 &:= (1 \times 2 - 3! \times 4!) + (5! + (6^7 + 8!/9)) &= (9 \times (8! - 7!)) + (6 \times (((5! - (4 \times 3!)) \times 2) - 1)) \\
 284395 &:= ((1 + 2 \times 3!!) \times 4) - (5 \times 6! - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! - 5))) - (((4 - 3!)) \times 2) + 1) \\
 284396 &:= 1 + 2 \times 3!! + (4 + ((5! \times 6) + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6! - (5! \times 4!))) - (3! \times 2 + 1) \\
 284397 &:= (1 - (2 - 3!!) \times 4) - (5 + 6! - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! - 5))) - (((4 - 3!)) \times 2) - 1) \\
 284398 &:= (1 - (2 \times 3! - 4! \times 5!)) - (6! - (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) - (((5!/4! - 3!)) \times 2) + 1) \\
 284399 &:= 1 \times 2 + 3! + (4! \times 5! - (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6!) + ((5! \times 4!) - (3^2 + 1)) \\
 284400 &:= 1 + 2 \times 3! - ((4! + 5) - (6^7 + 8!/9)) &= 9 - (8 - (((7! + ((6! - 5) \times 4)) \times (3!^2)) - 1)) \\
 284401 &:= (1 + (2 \times ((3^4 + 5!) \times 6!))) - ((7! + 8!)/9) &= (9 \times (8! - 7!) - 6!) - (((5!/4) \times 3!)^2) - 1) \\
 284402 &:= (1 + (2 \times (3!! - 4))) + ((5! \times 6) + (7 \times 8! + 9)) &= 9 - (8 - (((7! + ((6! - 5) \times 4)) \times (3!^2)) + 1)) \\
 284403 &:= ((1 + 2)! - (3!! - 4! \times 5!)) + ((6 + 7 \times 8!) - 9) &= (9 + (8! \times 7 + (6! - (5!/4!)))) + 3!! \times 2 - 1) \\
 284404 &:= 1 + 2 \times 3! + (4! \times 5! - (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - 6) + (((5! + 4^{3!})/2) - 1) \\
 284405 &:= (1 + (((2 + 3!)) \times 4) + 5) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6! \times 5)) + (4 \times (3!! \times 2 - 1)) \\
 284406 &:= (1 + 2 \times 3!!) - (4 - ((5! \times 6) + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6) + (((5! + 4^{3!})/2) + 1) \\
 284407 &:= (1 - (2 - 3!!) \times 4) + (5 - (6! - (7 \times 8! + 9))) &= ((9 + 8!) \times 7) - (((6 - 5! - 4^{3!})/2) + 1) \\
 284408 &:= (1 \times 2 - (3 \times (4! - (5 + 6!)))) + (7 \times (8! + 9)) &= (9 \times (8!/7)) - (6! - (((5! \times 4) + 3)^2) - 1)) \\
 284409 &:= ((1 + 2^{3!}) \times 4!) - (5! - (6! + (7 \times 8! + 9))) &= (9 + 8! - 7!) - (6! \times (((5!/4) - 3!)/2) - 1)) \\
 284410 &:= (1 + (2 + 3!))! + ((4! \times ((5! \times 6!) - 7!)/8) + 9) &= (9 \times (8!/7)) - (6! - (((5! \times 4) + 3)^2) + 1)) \\
 284411 &:= (1 - (2 \times (3!! \times 4! - (5 + 6!)))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) + (((6! + (5 - (4! \times 3!))) \times 2) + 1) \\
 284412 &:= ((1 \times 2 + 3!!) \times 4) - (5 + 6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6 - 5!)) + (4^{3!}/2 + 1) \\
 284413 &:= ((1 + 2 \times 3!!) \times 4) - (5 \times 6! - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + (((6 + 5!) + 4^{3!})/2) - 1) \\
 284414 &:= 1 + 2 \times 3!! + (4 + ((5! \times 6) + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6 \times 5!)) - (((4! - 3!)) \times 2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 284415 &:= (((1 + (2 + 3!))! - (4 \times 5!)) \times 6) + (7! + 8! + 9) &= (9 + (8! \times 7 + (6! + (5!/4!)))) + (3!! \times 2 + 1) \\
 284416 &:= (1 - 2 \times 3!) \times (4! - (5! + (6 \times 7! - 8!/9))) &= (((9 + 8!) \times 7) + 6) + (((5! + 4^{3!})/2) - 1) \\
 284417 &:= (1 + (2 \times (3!^4 \times 5!))) - ((6^7 - 8!)/9) &= (9 + (8! \times 7 + (6! + 5))) + ((4 + 3!! \times 2) - 1) \\
 284418 &:= (1 - 2 \times (3!! - 4)) + (5 \times 6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6) + (((5! + 4^{3!})/2) + 1) \\
 284419 &:= (1 + (2 \times 3!! + 4)) + (5 + (6! + (7 \times 8! + 9))) &= ((9 + 8! \times 7) - 6!) + (5! \times 4! + (3^2 + 1)) \\
 284420 &:= ((1 \times 2 \times (3!! - 4!)) + 5) + (6! + (7 \times (8! + 9))) &= (9 + (8! \times 7 + 6!)) + (((5!/4! + 3!!) \times 2) + 1) \\
 284421 &:= (1 + (2 \times 3!! + 4! + 5)) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6! + 5)) - (((4! - 3!!) \times 2) - 1) \\
 284422 &:= 1 + 2 \times 3! + (4! \times 5! - (6! - (7 \times 8! + 9))) &= (9 + 8! \times 7 + 6) + (((5! + (4^{3!}/2)) - 1) \\
 284423 &:= (1 + (((2 + 3!!) \times 4) + 5)) - (6! - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! + 5))) + (((4 + 3!!) \times 2) + 1) \\
 284424 &:= (1 - 2 \times 3!) + ((4! - 5) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6!) + (((5 - (4! - 3!!)) \times 2) - 1) \\
 284425 &:= ((1 \times 2 \times (3!! - (4! - 5))) + 6!) + (7 \times (8! + 9)) &= (9 + (((8! \times 7)/6!) \times (5 + 4!))) \times ((3! - 2)! + 1) \\
 284426 &:= (1 + (2 \times (3!! - (4! - 5)))) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) + ((5! \times 4!) - (3!^2 + 1)) \\
 284427 &:= ((1 + 2) - (3!! - 4!)) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 + (8! \times 7 + (6! - (5 - 4!)))) + 3!! \times 2 - 1 \\
 284428 &:= 1 \times 2 + (((3! - 4) \times 5) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - 6!) + ((5! \times 4!) - (3!^2 - 1)) \\
 284429 &:= (1 + (2 \times 3!! + 4!)) - (5 - (6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! - (5 - 4!)))) + (3!! \times 2 + 1) \\
 284430 &:= 1 \times 2 \times ((3!! \times 4! + ((5^6 - 7) \times 8)) - 9) &= (9 + (8! \times 7 + (6! + (5 \times 4)))) + (3!! \times 2 + 1) \\
 284431 &:= (1 \times 2 - 3!!) + ((4 \times (5 + 6!)) + (7 \times 8! + 9)) &= (((9 \times 8) + 7) \times (6! \times 5)) - (4 - (3!^2 - 1)) \\
 284432 &:= (1 + (2 \times (3!! + 4 \times 5))) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6!) - ((5!/4) - (3!! \times 2 - 1)) \\
 284433 &:= ((1 + 2) \times (3!! - 4!)) + (5! - (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + (6! - 5)) - (4! - (3!! \times 2 - 1)) \\
 284434 &:= (1 - 2 \times 3!) + ((4! + 5) + (6^7 + 8!/9)) &= (9 + (8! \times 7 + (6! \times 5 + 4!))) - (3!! \times 2 - 1) \\
 284435 &:= (1 + (2 \times (3!! + 4!))) - (5 - (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! - 5)) - (4! - (3!! \times 2 + 1)) \\
 284436 &:= 1 - (((2 - 3) \times (4! - 5)) - (6^7 + 8!/9)) &= (9 \times (((8 - 7!/6) \times (5 - 4!)) - 3!)) \times 2 \times 1 \\
 284437 &:= 1 + 2 \times 3! + (4! + (5 \times (6! \times (7 + 8 \times 9)))) &= (9 + (8! \times 7 + (6! + 5 + 4!))) + 3!! \times 2 - 1 \\
 284438 &:= (1 \times 2 - 3!!) + ((4 - (5 \times 6! + 7! - 8!)) \times 9) &= (((9 + 8!) \times 7) + (6 \times 5! - 4!)) + 3!! \times 2 - 1 \\
 284439 &:= (1 + (2 \times 3!! + 4! + 5)) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! + 5 + 4!))) + (3!! \times 2 + 1) \\
 284440 &:= (1 + 2 \times 3!) \times ((4! \times (5 + 6!)) + (7! \times 8/9)) &= (9 + (8! \times 7 + (6!/5))) + (4^{3!}/2 - 1) \\
 284441 &:= 1 \times 2 - ((3! - (4! + 5)) - (6^7 + 8!/9)) &= (((9 \times 8) + 7) \times (6! \times 5)) + 4 + 3!^2 + 1 \\
 284442 &:= (1 \times 2 + 3! \times 4!) - (5! - (6^7 + 8!/9)) &= (9 + (8! \times 7 + (6!/5))) + (4^{3!}/2 + 1) \\
 284443 &:= 1 \times 2 + 3! + ((4! - 5) + (6^7 + 8!/9)) &= (9 + 8! \times 7) - (6 - (5 \times ((4! - 3!)^2) - 1)) \\
 284444 &:= 1 \times 2 - ((3 - (4! + 5)) - (6^7 + 8!/9)) &= ((9 + 8! \times 7) - (6! - (5! \times 4!))) + (3!^2 - 1) \\
 284445 &:= (1 + 2 \times 3! \times 4) \times (((5! + (6! \times 7))/8) \times 9) &= (((9 + 8!) \times 7) + (6! + (5 - 4!))) + (3!! \times 2 + 1) \\
 284446 &:= ((1 + 2)! + 3! \times 4!) - (5! - (6^7 + 8!/9)) &= ((9 + 8! \times 7) - (6! - (5! \times 4!))) + 3!^2 + 1 \\
 284447 &:= (1 \times 2 \times (3!! + (4! - 5))) + (6! + (7 \times 8! + 9)) &= (9 + 8! \times 7) - (6 - ((5 \times ((4! - 3!)^2)) - 1)) \\
 284448 &:= 1 + 2 \times 3! + ((4! - 5) + (6^7 + 8!/9)) &= (9 + (8! \times 7 + 6!)) - (((5 - (4! + 3!)) \times 2) - 1) \\
 284449 &:= (1 - (2^{3!} + 4!)) + (5! + (6^7 + 8!/9)) &= (9 + 8! \times 7) - (6 - ((5 \times ((4! - 3!)^2)) + 1)) \\
 284450 &:= (1 + (2 \times (3!! + 4! + 5))) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - (6! - (5! \times 4!))) - (3! \times 2 + 1) \\
 284451 &:= (1 - (2 - 3!!) \times 4) - (5 + 6! - (7 \times (8! + 9))) &= (9 + (8! \times 7 + (6! - (5 - ((4! + 3!!) \times 2)))) - 1 \\
 284452 &:= (1 + 2^{3!}) - ((4! + 5) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6!) - (((5!/4! - 3!!) \times 2) + 1) \\
 284453 &:= (1 + (2 \times (3!! + 4!))) - (5 - (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6!) + ((5! \times 4!) - (3^2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 284454 &:= (1 - (2 \times (3 - 4!))) - (5 - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! - 5)) + (4 \times (3!/2 - 1)) \\
 284455 &:= (1 + 2 \times 3!! - 4) - (5 - (6! + (7 \times (8! + 9)))) &= (9 + 8! \times 7 + 6) + (5 \times (((4! - 3!)^2) - 1)) \\
 284456 &:= (1 + (2^{3!} + (4! \times 5! - 6!))) + (7 \times 8! - 9) &= (9 + (8! \times 7 + (6! \times 5))) + (((4! - 3!) \times 2) - 1) \\
 284457 &:= (1 \times 2 - 3^4) + (5! + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! - (5!/4))) + 3!! \times 2 - 1 \\
 284458 &:= (1 + ((2 \times 3!) \times 4^5)) + ((6 \times (7! + 8!)) + 9) &= (9 + (8! \times 7 + (6! \times 5))) + (((4! - 3!) \times 2) + 1) \\
 284459 &:= (1 + (2 \times 3^4)) - (5! - (6^7 + 8!/9)) &= (9 + 8! \times 7 + 6) + ((5 \times ((4! - 3!)^2)) - 1) \\
 284460 &:= (1 + 2 \times 3! \times 4) - (5 - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! \times 5 - 4)) - (3!! \times 2 - 1) \\
 284461 &:= (1 - (2 - 3!!) \times 4) + (5 - (6! - (7 \times (8! + 9)))) &= (9 + 8! \times 7 + 6) + ((5 \times ((4! - 3!)^2)) + 1) \\
 284462 &:= (1 + 2^{3!}) - ((4! - 5) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - (6! \times 5)) + ((4 \times 3!! \times 2) - 1) \\
 284463 &:= ((1 + 2 \times 3!) \times 4) - (5 - (6^7 + 8!/9)) &= (9 + (8! \times 7 + (6! + 5))) + (((4! + 3!) \times 2) + 1) \\
 284464 &:= (1 - (2 \times (3 - 4!))) + (5 + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - 6) + ((5! + (4^{3!}/2)) - 1) \\
 284465 &:= (1 + 2 \times 3!! - 4) + (5 + (6! + (7 \times (8! + 9)))) &= (9 + 8! \times 7 + 6) + (5 \times (((4! - 3!)^2) + 1)) \\
 284466 &:= (1 + (2 \times (3 + 4!))) - (5 - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - (6 - 5!)) + (4^{3!}/2 + 1) \\
 284467 &:= ((1 + 2 \times 3!!) \times 4) - (5 \times 6! - (7 \times (8! + 9))) &= (9 + 8! \times 7) - (((6 \times (5 - (4! + 3!))))/2) - 1) \\
 284468 &:= (1 + (2 \times (3!! + 4! + 5))) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + (((5! + (4 \times 3!))/2) - 1) \\
 284469 &:= (1 - 2^{3!}) - ((4 - 5!) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! + (5!/4))) + (3!! \times 2 + 1) \\
 284470 &:= (1 + 2 \times 3! \times 4) + (5 + (6^7 + 8!/9)) &= (((9 + 8!) \times 7!/6!) + 5!) + (4^{3!}/2 - 1) \\
 284471 &:= 1 \times 2 + 3! + (4! \times 5! - (6! - (7 \times (8! + 9)))) &= (9 \times (8! - (7! + (6! - 5!)))) - (4!^3 \times 2 + 1) \\
 284472 &:= (1 + (2 \times (3! + 4!))) - (5 - (6^7 + 8!/9)) &= (((9 + 8!) \times 7!/6!) + 5!) + (4^{3!}/2 + 1) \\
 284473 &:= (1 + (((2 + 3!)! - (4 \times 5!)) \times 6)) + ((7! + 8) \times 9) &= (9 \times (8! - (7! + (6! - 5!)))) - (4!^3 \times 2 - 1) \\
 284474 &:= (1 + (2^{3!} + (4! \times 5! - 6!))) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + 6!) + (((5!/4! + 3!)) \times 2) + 1) \\
 284475 &:= 1 \times 2 + ((3 \times (4! - 5)) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! + 5)) + (((4 + 3!)) \times 2) - 1) \\
 284476 &:= (1 + (2 \times (3 + 4!))) + (5 + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6) + ((5! + (4^{3!}/2)) - 1) \\
 284477 &:= (1 - (2 \times (3! + 4!))) + (5! + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! + 5)) + (((4 + 3!)) \times 2) + 1) \\
 284478 &:= (((1 + (2 + 3!))! - (4 \times 5!)) \times 6) + ((7! + 8) \times 9) &= (((9 + 8!) \times 7) + 6 + 5!) + (4^{3!}/2 + 1) \\
 284479 &:= 1 \times 2^{3!} + ((4 - 5) + (6^7 + 8!/9)) &= 9 + 8! - (((7! - (6! \times 5! + 4!)) \times 3) + 2 \times 1) \\
 284480 &:= 1 \times 2 + ((3 \times (4! + (5 + 6!))) + 7 \times 8! - 9) &= (9 + (8! \times 7 + (6! + 5!))) - (((4! - 3!)) \times 2) + 1) \\
 284481 &:= (1 \times 2 \times (3!! - 4!)) + (5! + (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6! - (5 - 4!))) + 3!! \times 2 - 1) \\
 284482 &:= (1 + (2 \times (3! + 4!))) + (5 + (6^7 + 8!/9)) &= (9 + (8! \times 7 + (6! + 5!))) - (((4! - 3!)) \times 2) - 1) \\
 284483 &:= (1 - (2 \times (3 + 4!))) + (5! + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! - (5 - 4!))) + (3!! \times 2 + 1) \\
 284484 &:= (1 + (2 \times 3!! + 4 \times 5)) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (((6! + 5) \times 4) - (3!! - 2))) - 1) \\
 284485 &:= 1 - (2 \times (3! - (4! \times (5! + (((6! + 7) \times 8) - 9)))) &= 9 + 8! \times 7 + (((6 \times (5^4)) + 3!)/2) + 1) \\
 284486 &:= (1 + 2) + (((3 \times 4!) - 5) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6 \times 5!)) + (4! + (3!! \times 2 - 1)) \\
 284487 &:= ((1 + 2)!! + (3!! - (4! - 5!))) + (6! + 7 \times 8! - 9) &= (9 + (8! - 7) \times 6) - (5! \times (4 - (3!!/2 - 1))) \\
 284488 &:= (1 + 2 \times 3!! - (4! - (5! + (6! + 7 \times 8!)))) - 9 &= (9 + 8! \times 7) + (((6! + 5!) \times 4!)/(3^2)) - 1) \\
 284489 &:= (1 + ((2 + 3!) \times 4!)) - (5! - (6^7 + 8!/9)) &= 9 + 8! + ((7! + ((6 + ((5! \times 4) + 3))^2)) - 1) \\
 284490 &:= 1 \times 2 \times (((3!!/4) - (5^6 \times (7 - 8))) \times 9) &= 9 + 8! + (7! + ((6 + ((5! \times 4) + 3))^2 \times 1)) \\
 284491 &:= (1 - ((2 - (3^4 \times 5)) \times 6!)) - ((7!/8) \times 9) &= 9 + 8! + (7! + (((6 + ((5! \times 4) + 3))^2) + 1))
 \end{aligned}$$

$$\begin{aligned}
 284492 &:= 1 - ((2 - ((3 \times 4!) + 5)) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! + (5!/4))) + 3!! \times 2 - 1 \\
 284493 &:= 1 - (((2 - 3!) \times (4! - 5)) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! + 5 + 4!)) + (3!! \times 2 + 1) \\
 284494 &:= (1 \times 2 + 3^4) - (5 - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6!/5)) + (4^3/2 - 1) \\
 284495 &:= (1 \times 2 + (3 \times 4!)) + (5 + (6^7 + 8!/9)) &= (((9 \times 8) + 7) \times (6! \times 5)) + ((4 \times (3! - 2)!) - 1) \\
 284496 &:= ((1 + 2) + (3 \times 4!)) + (5 + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6!/5)) + (4^3/2 + 1) \\
 284497 &:= (1 - 2^{3!}) + ((4! + 5!) + (6^7 + 8!/9)) &= ((9 + 8!) \times 7) - (6 - (5 \times (((4! - 3!)^2) - 1))) \\
 284498 &:= (1 + 2)! + (3^4 - (5 - (6^7 + 8!/9))) &= (((9 + 8!) \times 7) - (6! - (5! \times 4!))) + (3!^2 - 1) \\
 284499 &:= 1 \times 2^{3!} + ((4! - 5) + (6^7 + 8!/9)) &= (((9 \times 8) + 7) \times (6! \times 5)) + (((4 + 3!)^2) - 1) \\
 284500 &:= (1 + (2^{3!} + 4!)) - (5 - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - (6! - (5! \times 4!))) + 3!^2 + 1 \\
 284501 &:= 1 - 2 \times 3! - ((4! - 5!) - (6^7 + 8!/9)) &= ((9 + 8!) \times 7) - (6 - ((5 \times ((4! - 3!)^2) - 1)) \\
 284502 &:= 1 - ((2 - (3 \times (4! + 5))) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6!) - (((5 - (4! + 3!)) \times 2) - 1) \\
 284503 &:= (1 + ((2 \times 3!) \times 4^5)) + (6 \times (7! + 8! + 9)) &= ((9 + 8!) \times 7) - (6 - ((5 \times ((4! - 3!)^2) + 1)) \\
 284504 &:= (1 - (((2 - 3!!) \times 4) - 5!)) - (6! - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! + (5! - 4!)))) + 3!! \times 2 - 1 \\
 284505 &:= 1 - ((2 + (3! + (4! - 5!))) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! - 5)) + (((4! + 3!)) \times 2) - 1) \\
 284506 &:= (1 + 2 \times 3!! - (4! - (5! + (6! + 7 \times 8!)))) + 9 &= ((9 + 8!) \times 7) - ((6 \times (5 - ((4! + 3!)/2))) - 1) \\
 284507 &:= (1 + (2 \times (3!! + 4!))) - (5 - (6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - 6) + (5 \times (((4! - 3!)^2) + 1)) \\
 284508 &:= (1 - 2^{3!}) \times (4 + 5! - (6! - ((7! - 8!)/9))) &= (9 \times (8! - (7! + (6! \times 5 - (4 \times 3)))) - ((2 + 1)!) \\
 284509 &:= 1 \times (2^{3!} + ((4! + 5) + (6^7 + 8!/9))) &= (((9 + 8!) \times 7) + 6) + (5 \times (((4! - 3!)^2) - 1)) \\
 284510 &:= (1 + (2^{3!} + 4!)) + (5 + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! \times 5)) + (((4! - 3!)) \times 2) - 1) \\
 284511 &:= 1 - (((2 + (3! \times 4)) - 5!) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! \times 5)) + ((4! - 3!)) \times 2 \times 1) \\
 284512 &:= 1 + 2 \times 3!! + ((4! \times 5) + (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! \times 5)) + (((4! - 3!)) \times 2) + 1) \\
 284513 &:= (1 \times 2 + ((3!! \times 4) + 5!)) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) + ((5 \times ((4! - 3!)^2) - 1) \\
 284514 &:= 1 \times ((2 - ((3! \times 4) - 5!)) + (6^7 + 8!/9)) &= ((9 + 8! - ((7 - 6!/5) \times (4! + 3!))) \times 2) \times 1 \\
 284515 &:= 1 + ((2 - ((3! \times 4) - 5!)) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6) + ((5 \times ((4! - 3!)^2) + 1) \\
 284516 &:= (1 + (2 \times 3!! + 4 + 5!)) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6! + 5)) + ((4! + 3!)) \times 2 \times 1) \\
 284517 &:= (1 + ((2 \times (3!! + 4!)) + 5)) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (((6! - (5 - 4!)) \times 3) - 2)) - 1) \\
 284518 &:= (1 + (2 \times (3!^4 - (5! + 6)))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + (((6! - (5 - 4!)) \times 3) - 2)) \times 1) \\
 284519 &:= 1 - (2 - ((3 \times (4! - (5 - 6!))) + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (((6! - (5 - 4!)) \times 3) - 2)) + 1) \\
 284520 &:= ((1 + (2 \times (3 + 4!))) \times (5! - 6!)) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7) + 6!) + (((5 + (4! + 3!)) \times 2) - 1) \\
 284521 &:= (1 + ((2 \times 3!) \times 4^5)) + ((6 \times 7! + 8) \times 9) &= (((9 + 8!) \times 7) + (((6! - (5 - 4!)) \times 3) + 2)) - 1) \\
 284522 &:= (1 - (((2 - 3!!) \times 4) - 5!)) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (((6! - (5 - 4!)) \times 3) + 2)) \times 1) \\
 284523 &:= 1 \times 2 - (((3 - 4!) \times 5) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (((6! - (5 - 4!)) \times 3) + 2)) + 1) \\
 284524 &:= ((1 + 2^{3!}) \times 4!) - (5 - (6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6!) + (((5! + (4 \times 3!)) / 2) + 1) \\
 284525 &:= 1 + 2 \times 3! - ((4! - 5!) - (6^7 + 8!/9)) &= (9 + (8! \times 7 + (6! + 5!))) + (4 \times (3!! / 2 - 1)) \\
 284526 &:= (1 + 2 \times 3!! - (4 - 5!)) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! + (5! - 4)))) + (3!! \times 2 + 1) \\
 284527 &:= ((1 \times 2^{3!}) + (4! \times 5! - 6!)) + (7 \times (8! + 9)) &= ((9 + 8! \times 7) - (6! - 5!)) + (4 \times 3!! - (2 \times 1)) \\
 284528 &:= (1 + (2^{3!} + (4! \times 5! - 6!))) + (7 \times (8! + 9)) &= (9 + (8! \times 7 + (6! + (5 \times 4!)))) + 3!! \times 2 - 1) \\
 284529 &:= (1 - 2 \times 3!) + ((4 + 5!) + (6^7 + 8!/9)) &= (9 + 8 \times 7! \times 6) - (5! \times (4 - (3!! / 2 - 1)))
 \end{aligned}$$

$$\begin{aligned}
 284530 &:= 1 + 2 \times 3!! + ((4! \times 5) + (6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! + (5 \times 4!)))) + (3!! \times 2 + 1) \\
 284531 &:= (1 + 2 \times 3!) \times ((4! \times (5 + 6!)) + (7 + 8!/9)) &= (((9 + 8!) \times 7) + 6!) + ((5! - 4) \times (3! \times 2 + 1)) \\
 284532 &:= 1 \times 2 - ((3! - (4! \times 5)) - (6^7 + 8!/9)) &= ((9 + 8! - 7) \times 6) - (5! \times (4 - (3!!/2 - 1))) \\
 284533 &:= (1 + 2) - ((3! - (4! \times 5)) - (6^7 + 8!/9)) &= ((9 + 8!) \times 7) + (((6 \times 5!) + 4!) \times 3) - (2 \times 1) \\
 284534 &:= (1 + (2 \times 3!! + 4 + 5!)) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6! + 5!)) - (((4! - 3!!) \times 2) + 1) \\
 284535 &:= 1 \times 2 - ((3 - (4! \times 5)) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! + 5!)) - ((4! - 3!!) \times 2 \times 1) \\
 284536 &:= ((1 + (2 \times 3!^4)) \times 5!) - ((6^7 - 8!)/9) &= (((9 + 8!) \times 7) + (6! + 5!)) - (((4! - 3!!) \times 2) - 1) \\
 284537 &:= (1 \times 2 - (3!^4 - (5 \times 6! + 7 \times 8!))) - 9 &= ((9 + 8!) \times 7) + (((6 \times 5!) + 4!) \times 3) + 2 \times 1 \\
 284538 &:= (1 + (((2 + 3!!) \times 4) + 5!)) - (6! - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! + 5!))) + (((4 + 3!!) \times 2) + 1) \\
 284539 &:= 1 \times 2 - (((3 - 4) - 5!) - (6^7 + 8!/9)) &= ((9 + 8!) \times 7) + (((6 \times 5^4) + 3!!)/2) + 1 \\
 284540 &:= 1 \times 2 + ((3! - (4 - 5!)) + (6^7 + 8!/9)) &= (((9 \times 8) + 7) \times (6! \times 5)) + (4 \times (3!^2 - 1)) \\
 284541 &:= 1 \times 2 + ((3 + (4! \times 5)) + (6^7 + 8!/9)) &= (9 + (8! \times 7 + (6!/5))) - ((4 - 3!!) \times (2 + 1)) \\
 284542 &:= (1 + (2 \times (3!^4 - (5! - 6)))) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) + (((6! + 5!) \times 4!)/(3^2)) - 1 \\
 284543 &:= (((1 + 2)!^{3!}) + 4 \times 5) \times 6 + (7 + 8!/9) &= (9 \times (8! - (7! + (6! \times 5 + 4)))) - (3!!/2 + 1) \\
 284544 &:= 1 \times 2 + ((3! + (4! \times 5)) + (6^7 + 8!/9)) &= (9 \times (8! - (7! + (6! \times 5 + 4)))) - (3!!/2 \times 1) \\
 284545 &:= (1 - (((2 + 3!)! \times 4)/5) + 6!) - ((7! - 8!) \times 9) &= (9 \times (8! - (7! + (6! \times 5 + 4)))) - (3!!/2 - 1) \\
 284546 &:= (1 \times 2 + 3! \times 4!) + (5 \times (6! \times (7 + 8 \times 9))) &= (((9 \times 8) + 7) \times (6! \times 5)) + ((4! \times 3!) + 2 \times 1) \\
 284547 &:= (((1 + 2)^{3!}) \times 4) + 5! - (6! - (7 \times 8! - 9)) &= (((9 + 8 \times 7) \times 6!) + 5^4) \times 3! - 2 - 1 \\
 284548 &:= (1 \times 2 + 3!)! + (4 \times (5^6 + ((7! + 8) \times 9))) &= (((9 \times 8) + 7) \times (6! \times 5)) + (4 \times (3!^2 + 1)) \\
 284549 &:= (1 + (2 + 3!)!) + (4 \times (5^6 + ((7! + 8) \times 9))) &= (((9 + 8 \times 7) \times 6!) + 5^4) \times 3! - 2 + 1 \\
 284550 &:= 1 \times 2 + (((3 \times 4) + 5!) + (6^7 + 8!/9)) &= (((9 + 8 \times 7) \times 6!) + 5^4) \times 3 \times 2 \times 1 \\
 284551 &:= (1 + 2) + (((3 \times 4) + 5!) + (6^7 + 8!/9)) &= (((9 + 8 \times 7) \times 6!) + 5^4) \times 3! + 2 - 1 \\
 284552 &:= 1 \times (2 + ((3 \times (4! + (5 + 6!))) + (7 \times (8! + 9)))) &= (9 \times (8 + 7!)) + (((6 + ((5! \times 4) + 3))^2) - 1) \\
 284553 &:= (1 + (2^{3!} \times 4)) - (5! - (6^7 + 8!/9)) &= (((9 + 8 \times 7) \times 6!) + 5^4) \times 3! + 2 + 1 \\
 284554 &:= (1 + (2 \times 3!! + 4! + 5!)) + (6! + (7 \times 8! + 9)) &= (9 \times (8 + 7!)) + (((6 + ((5! \times 4) + 3))^2) + 1) \\
 284555 &:= ((1 + 2^{3!} \times 4!) - 5) + (6! + (7 \times (8! + 9))) &= ((9 + 8!) \times 7) + (((6! + (5!/4)) \times 3) + 2 \times 1) \\
 284556 &:= ((1 + 2^{3!}) \times 4) - (5! - (6^7 + 8!/9)) &= ((9 \times ((8 - 7!/6) \times (5 - 4!))) + 3!) \times 2 \times 1 \\
 284557 &:= 1 \times (((2 + 3! \times 4!) - 5) + (6^7 + 8!/9)) &= 9 - ((8 - (7! - (6 + 5!))) \times ((4^3) - (2 + 1)!)) \\
 284558 &:= 1 + (((2 + 3! \times 4!) - 5) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! + (5! - 4!))) + 3!! \times 2 - 1 \\
 284559 &:= 1 \times 2 - ((3 - (4! + 5!)) - (6^7 + 8!/9)) &= 9 \times 8 - ((7 - 6!) \times (((5 \times 4!)/3!)^2) - 1) \\
 284560 &:= (1 + ((2 \times (3!! + 4!)) + (5! + (6! + 7 \times 8!)))) - 9 &= (9 + 8! \times 7) - (((6! - ((5^4) \times 3)) \times 2) - 1) \\
 284561 &:= ((1 + (2 \times (3 + 4!))) \times (5! + (6 + 7! + 8))) - 9 &= 9 - (8 \times (((7! - 6^5) \times (4 + 3^2)) - 1)) \\
 284562 &:= 1 - (((2 - 3) - (4! + 5!)) - (6^7 + 8!/9)) &= (9 + 8! - (((7 - 6!) \times (5! + 4!)) + 3!!)) \times 2 \times 1 \\
 284563 &:= (1 + (2 \times 3^4)) + (5 \times (6! \times (7 + 8 \times 9))) &= (9 + 8) \times (((7 + 6!) \times 5) + (4!^3)) - ((2 + 1)!!) \\
 284564 &:= 1 - ((2 - (3! \times 4! + 5)) - (6^7 + 8!/9)) &= ((9 + 8!) \times 7) + ((6 \times (5 + ((4! + 3!!)/2))) - 1) \\
 284565 &:= 1 - ((2 - (3! + 4! + 5!)) - (6^7 + 8!/9)) &= (9 \times (8 + ((7! \times 6) + 5))) + (4^3 \times (2 + 1)) \\
 284566 &:= 1 - (2 \times 3! + ((4 \times (5! - 6!)) - (7 \times (8! - 9)))) &= ((9 + 8!) \times 7) + ((6 \times (5 + ((4! + 3!!)/2))) + 1) \\
 284567 &:= 1 \times ((2 + (3! \times 4! + 5)) + (6^7 + 8!/9)) &= ((9 \times ((8 + 7) + (6! + 5!))) - 4) \times (3!^2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 284568 &:= (1 - ((2 + 3!) \times 4!)) - (5^6 + ((7! - 8!) \times 9)) &= (9 + (8! \times 7 + 6!)) + (((5 \times 4!)/3)^2) - 1 \\
 284569 &:= 1 + (2 \times (3!! + (4 \times (5! - (6! \times 7 - 8! + 9)))))) &= (9 - ((8! \times 7)/6!)) \times (5! - ((4! \times (3!^2)) - 1)) \\
 284570 &:= (1 + 2^{3!}) \times (4! - (5! + (6 - (7! \times 8/9)))) &= (9 + (8! \times 7 + 6!)) + (((5 \times 4!)/3)^2) + 1 \\
 284571 &:= ((1 + 2)! + 3! \times 4!) + (5 + (6^7 + 8!/9)) &= (9 + ((8! + 7) \times 6)) - (5! \times (4 - (3!!/2 - 1))) \\
 284572 &:= (1 + ((2 \times (3!^4 - (5! + 6)))) + 7 \times 8!) - 9 &= (9 + 8! \times 7) - ((6 - 5! - 4!^3)/(2 + 1)!) \\
 284573 &:= 1 + 2 \times 3! + ((4! + 5!) + (6^7 + 8!/9)) &= ((9 + 8!) \times 7) + (((6 + 5!) \times (4! - 3!)) + 2 \times 1) \\
 284574 &:= 1 \times (2 \times (3!! + ((4 \times (5! - ((6 + 7!) - 8!))) - 9))) &= ((9 + 8 \times 7!) \times 6) - (5! \times (4 - (3!!/2 - 1))) \\
 284575 &:= 1 + (2 \times (3!! + ((4 \times (5! - ((6 + 7!) - 8!))) - 9))) &= (((9 + 8!) \times 7) + (6! + 5!)) - ((4 - 3!!) \times 2 \times 1) \\
 284576 &:= (1 - (((2 - 3!!) \times 4) - 5!)) - (6! - (7 \times (8! + 9))) &= (9 + (8! \times 7 + (6! + 5!))) + (((4! + 3!!) \times 2) - 1) \\
 284577 &:= (1 + 2^{3!}) - ((4! - 5!) - (6^7 + 8!/9)) &= (9 + (8! \times 7 + (6! + 5!))) + ((4! + 3!!) \times 2 \times 1) \\
 284578 &:= (1 + ((2 \times (3!! + 4!)) + (5! + (6! + 7 \times 8!)))) + 9 &= (9 + (8! \times 7 + (6! + 5!))) + (((4! + 3!!) \times 2) + 1) \\
 284579 &:= ((1 + (2 \times (3 + 4!))) \times (5! + (6 + 7! + 8))) + 9 &= (((9 + 8!) \times 7) + (6! + 5!)) + (4 \times (3!!/2 - 1)) \\
 284580 &:= (1 + 2 \times 3!! - (4 - 5!)) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6! + (5! - 4))) + (3!! \times 2 + 1) \\
 284581 &:= ((1 + 2) \times 3!! + 4) + (5! - (6 - (7 \times (8! + 9)))) &= (9 + (8! \times 7 + 6!)) + ((5! + 4) \times (3! \times 2 + 1)) \\
 284582 &:= 1 - (2 - ((3!! \times 4) + (5! - (6! - (7 \times (8! + 9)))))) &= (9 + 8! \times 7) + ((6 \times (5 + (4! + 3!!/2))) - 1) \\
 284583 &:= (1 + (((2 + 3!)/4!) + 5)) + (6! + (7 \times (8! - 9))) &= ((9 \times (8! - (7! \times 6 - 5))) + 4^{3!}) \times (2 + 1) \\
 284584 &:= (1 + (2 \times 3^4)) + (5 + (6^7 + 8!/9)) &= (9 + (8! \times 7 + 6!)) + (5 \times (((4! - 3!)^2) - 1)) \\
 284585 &:= (1 + 2 \times 3! \times 4) + (5! + (6^7 + 8!/9)) &= (9 + (8 \times 7!/(6 + 5!))) \times ((4! \times (3!^2)) + 1) \\
 284586 &:= (1 - (2^{3!} + (4 \times (5! - 6!)))) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + (6! + (5! + 4))) + 3!! \times 2 - 1 \\
 284587 &:= 1 \times (2 \times 3!! + (4 + (5! + (6! + (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7) - (6! - 5!)) + (4 \times (3!! + (2 - 1))) \\
 284588 &:= ((1 + 2 \times 3!) \times 4) + (5! + (6^7 + 8!/9)) &= (9 + (8! \times 7 + 6!)) + ((5 \times ((4! - 3!)^2)) - 1) \\
 284589 &:= ((1 + 2)! + (3 \times 4^5)) - (6! - (7 \times 8! - 9)) &= (9 + (8! \times 7 + 6!)) + (5 \times ((4! - 3!)^2 \times 1)) \\
 284590 &:= (1 + ((2 \times (3!^4 - (5! + 6)))) + 7 \times 8!) + 9 &= (9 + (8! \times 7 + 6!)) + ((5 \times ((4! - 3!)^2)) + 1) \\
 284591 &:= (1 + (2 \times (3 + 4!))) + (5! + (6^7 + 8!/9)) &= (9 \times ((8 + 7!) \times 6)) + ((5! \times ((4 + 3!)^2)) - 1) \\
 284592 &:= (1 + (((2 + 3!!) \times 4) + 5!)) - (6! - (7 \times (8! + 9))) &= (9 \times (8 + 7! - 6!)) + (5! \times (4^{3!}/2 - 1)) \\
 284593 &:= 1 \times 2 + (((3!!/4) - 5) + (6^7 + 8!/9)) &= (9 \times ((8 + 7!) \times 6)) + ((5! \times ((4 + 3!)^2)) + 1) \\
 284594 &:= 1 - (((2 - 3!) \times (4 - (5! - 6!))) - (7 \times (8! - 9))) &= 9 - ((8 + ((7 + (6! + 5!)) \times (4! - 3!!/2))) - 1) \\
 284595 &:= 1 \times ((2 \times (3!^4 - 5!)) - (6 - (7 \times 8! + 9))) &= (9 + 8! \times 7) + (((6 + 5!) - 4!) \times ((3! - 2!) - 1)) \\
 284596 &:= (1 + ((2 \times (3!^4 - (5! - 6)))) + 7 \times 8!) - 9 &= (9 + 8! \times 7) + (((6! - 5!) + 4^{3!})/2) - 1) \\
 284597 &:= (1 + (2 \times (3! + 4!))) + (5! + (6^7 + 8!/9)) &= (9 + 8! \times 7) + (((6! - 5!) + 4^{3!})/2 \times 1) \\
 284598 &:= ((1 + 2) \times ((3!! - 4) \times 5!)) - (6 \times (7 - 8!/9)) &= (9 \times (((8 - 7!/6) \times (5 - 4!)) + 3)) \times 2 \times 1 \\
 284599 &:= 1 - ((2 - ((3!! \times 45) - (6! + 7 \times 8))) \times 9) &= ((98 \times (((7 - 6) + 5!) \times 4!)) + (3! + 2)) - 1 \\
 284600 &:= 1 - (2 - ((3 \times 4^5) - (6! - (7 \times 8! + 9)))) &= 9 + 8! + (((7 + 6!) \times (5! + (4! \times (3^2)))) - 1) \\
 284601 &:= (1 + 2^{3!}) + ((4! \times 5) + (6^7 + 8!/9)) &= (9 + ((8! \times 7!/6!) + 5!)) + ((4! + 3!!) \times (2 + 1)) \\
 284602 &:= (1 + (2 \times (3!! - (4! - 5!)))) + (6! + (7 \times 8! + 9)) &= 9 + 8! + (((7 + 6!) \times (5! + (4! \times (3^2)))) + 1) \\
 284603 &:= 1 - ((2 \times ((3 + 4!) - 5!)) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6!/5 - 4)) + (3 \times (2 + 1)!!) \\
 284604 &:= (1 + ((2 + 3!) \times 4!)) - (5 - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (((6 + 5!) \times 4!) - (3!! + 2))) - 1 \\
 284605 &:= (1 + 2^{3!}) + ((4 + 5!) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (((6 + 5!) \times 4!) - (3!! + 2))) \times 1
 \end{aligned}$$

$$\begin{aligned} 284606 &:= 1 - (2 - ((3^4 \times (5 \times 6)) + (7 \times (8! - 9)))) &= (9 + (8! - 7) \times 6) - ((5! \times (4 - 3!/2)) + 1) \\ 284607 &:= 1 - ((2 - ((3 \times 4!) + 5!)) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6^5/4)) + (3!/2 \times 1) \\ 284608 &:= ((1 + 2 \times 3!) \times 4!) - (5! - (6^7 + 8!/9)) &= (9 + (8! - 7) \times 6) - ((5! \times (4 - 3!/2)) - 1) \\ 284609 &:= (1 \times 2 - 3!) + ((4! \times (5! + 6)) + (7 \times (8! + 9))) &= ((9 + (((8! - (7! + (6 - 5!))) \times 4) + 3!)) \times 2) - 1 \\ 284610 &:= 1 \times ((2 + ((3 \times 4!) + 5!)) + (6^7 + 8!/9)) &= ((9 + (((8! - (7! + (6 - 5!))) \times 4) + 3!)) \times 2) \times 1 \\ 284611 &:= 1 + ((2 + ((3 \times 4!) + 5!)) + (6^7 + 8!/9)) &= ((9 + (((8! - (7! + (6 - 5!))) \times 4) + 3!)) \times 2) + 1 \\ 284612 &:= (((1 + 2)!^3) - 4) + (5 \times (6! \times (7 + 8 \times 9))) &= (9 + 8! \times 7) + (((6! - 5!) \times 4) - (3!^2 + 1)) \\ 284613 &:= 1 \times ((2 \times (3!^4 - (5! - 6))) + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (((6 + 5!) \times 4!) - 3!)) + (2 + 1)! \\ 284614 &:= 1 - ((2 + 3! \times 4!) + (5^6 + ((7! - 8!) \times 9))) &= ((9 + 8!) \times 7) - (((6! - ((5^4) \times 3)) \times 2) - 1) \\ 284615 &:= 1 \times (((2 - 3!) \times (4 + 5! - 6!)) + 7 \times 8! - 9) &= (9 \times (((8! - 7!/6)/5) \times 4)) + (3!/2 - 1) \\ 284616 &:= 1 + (((2 - 3!) \times (4 + 5! - 6!)) + 7 \times 8! - 9) &= ((9 + (8! + 7)) \times 6) - (5! \times (4 - (3!/2 - 1))) \\ 284617 &:= (1 + (2 + 3!))! + (4! \times (((5! \times 6!) - 7!/8) + 9)) &= (9 \times (((8! - 7!/6)/5) \times 4)) + (3!/2 + 1) \\ 284618 &:= (1 \times 2 - 3!) + ((4! - (5 \times 6! + 7! - 8!)) \times 9) &= (9 \times (8! - (7! + (6! \times 5 - 4)))) - (3! - (2 \times 1)) \\ 284619 &:= (1 \times 2 + 3^4) + (5! + (6^7 + 8!/9)) &= (9 + 8! \times 7) - ((6 - (5! \times 4)) \times ((3 + 2) \times 1)) \\ 284620 &:= 1 - 2 \times 3! - ((4 \times (5! - 6!)) - (7 \times 8! - 9)) &= (9 + 8! \times 7) - (((6 - (5! \times 4)) \times (3 + 2)) - 1) \\ 284621 &:= (1 + 2)! - (3! \times 4! + (5^6 + ((7! - 8!) \times 9))) &= ((9 + 8!) \times 7) - (6 - ((5! + (4!^3))/(2 + 1)!)) \\ 284622 &:= ((1 + 2)! - 3!) + ((4! - (5 \times 6! + 7! - 8!)) \times 9) &= (((9 + 8!) \times 7) + 6!) + (((5 \times 4!)/3)^2) - 1) \\ 284623 &:= (1 \times 2 \times (3! - (4 - 5!))) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6!) + (((5 \times 4!)/3)^2 \times 1) \\ 284624 &:= (1 + (2 \times (3! - (4 - 5!)))) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6!) + (((5 \times 4!)/3)^2) + 1) \\ 284625 &:= (1 + (2^3 + 4!)) + (5! + (6^7 + 8!/9)) &= (9 + ((8! + (7! + (6!/5)))/4)) \times ((3! - 2)! + 1) \\ 284626 &:= 1 \times (((2 + 3!)/4!) - (5 - (6! + 7 \times 8! - 9))) &= ((9 + 8! \times 7) - ((6 - 5!) \times 4!)) - (3!/2 - 1) \\ 284627 &:= ((1 + ((2 + 3!)/4!)) - 5) + (6! + 7 \times 8! - 9) &= (98 \times (((7 - 6) + 5!) \times 4!)) + (3!^2 - 1) \\ 284628 &:= (1 - 2) \times ((3 + (4 \times (5! - 6!))) - (7 \times 8! - 9)) &= (((9 \times 8) + 7) \times (6! \times 5 + 4 \times 3)) - ((2 + 1)! \\ 284629 &:= (((1 + 2)!^3) \times 4) + ((5 + (6! + 7!)) \times (8 + 9)) &= ((9 + 8! \times 7) - 6!) + ((5! + 4) \times ((3! - 2)! + 1)) \\ 284630 &:= 1 \times 2 - ((3 + (4 \times (5! - 6!))) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! + 5!)) + (((4! + 3!) \times 2) - 1) \\ 284631 &:= ((1 + 2^3) \times 4!) + (5! + (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! + 5!)) + ((4! + 3!) \times 2 \times 1) \\ 284632 &:= (1 + ((2 + (3! \times 4)) \times 5!)) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! + 5!)) + (((4! + 3!) \times 2) + 1) \\ 284633 &:= 1 \times (2 + (((3! \times (4 \times 5))/6) + 7 \times 8! - 9)) &= (9 + 8! \times 7) + ((6! - (5! + 4)) \times ((3 + 2) - 1)) \\ 284634 &:= 1 + (2 + (((3! \times (4 \times 5))/6) + 7 \times 8! - 9)) &= (9 \times (8! - (7! - (6 + (5 \times (4 - 3!)))))) - ((2 + 1)! \\ 284635 &:= (1 - ((2 + 3! \times 4!) \times (5 \times 6))) \times (7 - 8 \times 9) &= (((9 + 8!) \times 7) + 6!) + ((5! + 4) \times (3! \times 2 + 1)) \\ 284636 &:= (1 - 2 \times 3!) \times (4 - (5! + (6 \times 7! - 8!/9))) &= ((9 + 8!) \times 7) + ((6 \times (5 + (4! + 3!/2))) - 1) \\ 284637 &:= 1 - ((2 \times (3! + 4 - 5!)) - (6^7 + 8!/9)) &= (9 + (8! \times 7 + ((6! - 5!) \times 4))) - (3! + (2 + 1)! \\ 284638 &:= 1 - 2 \times 3! - ((4 \times (5! - 6!)) - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) + (5 \times (((4! - 3!)^2) - 1)) \\ 284639 &:= 1 \times 2 + 3! - ((4 \times (5! - 6!)) - (7 \times 8! - 9)) &= (9 + 8! \times 7) + (((6! - 5!) \times 4) - (3^2 + 1)) \\ 284640 &:= (1 + (2 \times (3! + 4 + 5!))) + (6! + 7 \times 8! - 9) &= (9 \times ((8! - 7) - 6^5)) - ((4^3! \times 2) + 1) \\ 284641 &:= (1 + (2 \times (3! + (4! \times (5 - 6!)))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - (((6! - 5) \times 4!) - 3!) \times 2) - 1) \\ 284642 &:= (1 + (2 \times (3! - (4 - 5!)))) + (6! + (7 \times 8! + 9)) &= (9 \times ((8! - 7) - 6^5)) - ((4^3! \times 2) - 1) \\ 284643 &:= 1 \times 2 + (3! + (4^5 + (6! + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + 6!) + (5 \times ((4! - 3!)^2 \times 1)) \\ 284644 &:= ((1 + 2 \times 3!) - ((4 \times (5! - 6!)) - (7 \times 8!))) - 9 &= (((9 + 8!) \times 7) + 6!) + ((5 \times ((4! - 3!)^2)) + 1) \end{aligned}$$

$$\begin{aligned}
 284645 &:= ((1 + ((2 + 3!)/4!)) - 5) + (6! + (7 \times 8! + 9)) &= ((9 \times 8) + (7^6)) + ((5! - 4) \times (3! \times 2 - 1)) \\
 284646 &:= ((1 + 2) - 3!) - ((4 \times (5! - 6!)) - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (((6! - 5!) \times 4) - 3))) \times (2 - 1) \\
 284647 &:= (((1 + 2)!!/3) - 4) - (5 - (6^7 + 8!/9)) &= 9 + 8! - 7 - ((6! + 5) \times (4! - (3!!/2 + 1))) \\
 284648 &:= ((1 + 2 \times 3!) + (4^5 + 6)) + (7 \times (8! - 9)) &= 9 + 8! + ((((((7! \times 6) + 5!) \times 4) + 3!) \times 2) - 1) \\
 284649 &:= ((1 + 2^{3!}) \times 4!) + (5! + (6! + (7 \times 8! + 9))) &= ((9 + 8!) \times 7) + (((6 + 5!) - 4!) \times ((3! - 2)! - 1)) \\
 284650 &:= (1 + ((2 + (3! \times 4) \times 5!)) - (6! - (7 \times 8! + 9))) &= ((9 + 8!) \times 7) + (((6! - 5!) + 4^{3!})/2) - 1) \\
 284651 &:= 1 \times 2 + (((3!! \times (4 \times 5))/6) + (7 \times 8! + 9)) &= ((9 + 8! - 7) \times 6) - ((5! \times (4 - 3!!/2)) + 1) \\
 284652 &:= (1 + 2)! - ((3 + (4 \times (5! - 6!))) - (7 \times 8! + 9)) &= (9 + ((8!/7!)^6)) + (((5 \times (4! + 3!))^2) - 1) \\
 284653 &:= (1 - 2^{3!}) + ((4 + 5 \times 6!) \times (7 + 8 \times 9)) &= ((9 + 8! - 7) \times 6) - ((5! \times (4 - 3!!/2)) - 1) \\
 284654 &:= 1 - (2 - ((3 \times 4^5) - (6! - (7 \times (8! + 9)))) &= (9 + ((8!/7!)^6)) + (((5 \times (4! + 3!))^2) + 1) \\
 284655 &:= 1 - ((2 - (3!! - (4 \times 5!))) - (6^7 + 8!/9)) &= (((9 \times 8) + 7) \times (6! \times 5)) + (4^{3! - 2}) - 1) \\
 284656 &:= ((1 + (2 \times 3!^4)) - 5!) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6!) + (((5! - (4! - 3!!)) \times 2) + 1) \\
 284657 &:= (1 + ((2 \times 3!)/4)) - (5! - (6^7 + 8!/9)) &= (((9 \times 8) + 7) \times (6! \times 5)) + (4^{3! - 2}) + 1) \\
 284658 &:= 1 \times (((2 + 3!) - (4 \times 5!)) + (6^7 + 8!/9)) &= (9 + (8! \times 7 + 6!)) + (((5! + (4 + 3!!)) \times 2) + 1) \\
 284659 &:= 1 + (((2 + 3!) - (4 \times 5!)) + (6^7 + 8!/9)) &= (9 + 8! \times 7) + (((6! - 5!) \times 4) + (3^2 + 1)) \\
 284660 &:= 1 - (2 - ((3^4 \times (5 \times 6)) + 7 \times 8! - 9)) &= (9 + (8! \times 7 + ((6! - 5!) \times 4))) + ((3! \times 2) - 1) \\
 284661 &:= ((1 + 2)!) + ((3!^4 + (5 + (6 \times 7! + 8))) \times 9) &= (9 + (8! + 7)) - ((6! + 5) \times (4! - (3!!/2 + 1))) \\
 284662 &:= 1 \times ((2 \times (3 + (4! \times 5))) + (6^7 + 8!/9)) &= (9 + (8! \times 7 + ((6! - 5!) \times 4))) + (3! \times 2 + 1) \\
 284663 &:= 1 + ((2 \times (3 + (4! \times 5))) + (6^7 + 8!/9)) &= 9 \times 8 - (((7 + (6! + 5!)) \times (4! - 3!!/2)) + 1) \\
 284664 &:= (1 + ((2 - 3!) \times 4!)) - (5^6 + ((7! - 8!) \times 9)) &= ((9 + 8! \times 7) - 6!) + (((5! - 4^3)^2) - 1) \\
 284665 &:= (1 + (((2^{3!}) - 4!) \times 5!) + 6^7) - 8 \times 9 &= 9 \times 8 - (((7 + (6! + 5!)) \times (4! - 3!!/2)) - 1) \\
 284666 &:= 1 - (((2 - 3!) \times (4 - (5! - 6!))) - (7 \times 8! + 9)) &= (9 + 8! \times 7) - (6! - (((5! - 4^3)^2) + 1)) \\
 284667 &:= ((1 + 2)! \times (3^4 \times 5)) + ((6 + 7 \times 8!) - 9) &= (9 + ((8! \times 7 + ((6! - 5!) \times 4))/3)) \times (2 + 1) \\
 284668 &:= (1 + (2^{3!} \times 4)) - (5 - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + ((6! - 5!) \times 4)) - (3!^2 - 1) \\
 284669 &:= 1 \times ((2 + (3! \times (((4^5 - 6) \times 7) + 8!))) - 9) &= (9 \times ((8! - ((7 - 6!) \times 5!))/4)) + 3!! \times 2 - 1) \\
 284670 &:= 1 + ((2 + (3! \times (((4^5 - 6) \times 7) + 8!))) - 9) &= (9 \times (((8!/7 + 6) \times 5) + (4 \times 3!))) - ((2 + 1)!)! \\
 284671 &:= ((1 + 2^{3!}) \times 4) - (5 - (6^7 + 8!/9)) &= (9 \times ((8! - ((7 - 6!) \times 5!))/4)) + (3!! \times 2 + 1) \\
 284672 &:= ((12 - 3) \times 4^5) + (6^7 - 8!/9) &= (9 + (8! \times 7 + ((6! - 5!) \times 4))) + ((3! - 2)! - 1) \\
 284673 &:= (1 + ((2^{3!} \times (4! + 5!)) + 6^7)) - 8!/9 &= ((9 + 8!) \times 7) - ((6 - (5! \times 4)) \times ((3 + 2) \times 1)) \\
 284674 &:= ((12 \times (3! \times 4!)) - (5 - (6! + 7 \times 8!))) - 9 &= (9 + (8! \times 7 + ((6! - 5!) \times 4))) + ((3! - 2)! + 1) \\
 284675 &:= ((1 + 2)!!/3) + ((4! - 5) + (6^7 + 8!/9)) &= (9 + 8! \times 7 + 6) + ((5 \times 4) \times (((3 + 2)!) + 1)) \\
 284676 &:= 1 \times ((2 \times (3! + 4 + 5!)) + (6^7 + 8!/9)) &= (9 + (8! \times 7 + (((6! - 5!) \times 4) + 3!))) + 21) \\
 284677 &:= 1 \times ((2^{3!} \times 4) + (5 + (6^7 + 8!/9))) &= (((9 + 8!) \times 7) - 6) + ((5 \times 4) \times (((3 + 2)!) - 1)) \\
 284678 &:= (1 + (2^{3!} \times 4)) + (5 + (6^7 + 8!/9)) &= (9 \times (8! - (7! + (6! \times 5)))) - (((4! - 3)^2) + 1) \\
 284679 &:= 1 - ((2 - (3! \times 4! + 5!)) - (6^7 + 8!/9)) &= (((9 \times 8) + 7) \times (6! \times 5 + 4)) - (3!^2 + 1) \\
 284680 &:= (1 + ((2^{3!} \times 4) + 5!)) + (6! + (7 \times (8! + 9))) &= (9 \times (8! - (7! + (6! \times 5)))) - (((4! - 3)^2) - 1) \\
 284681 &:= ((1 + 2^{3!}) \times 4) + (5 + (6^7 + 8!/9)) &= (((9 \times 8) + 7) \times (6! \times 5 + 4)) - (3!^2 - 1) \\
 284682 &:= 1 \times ((2 + (3! \times 4! + 5!)) + (6^7 + 8!/9)) &= (9 + 8) \times (((7!/6!)^5) - ((4^3) - 2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 284683 &:= 1 + ((2 + (3! \times 4! + 5!)) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - 6!) + ((5! + 4) \times ((3! - 2)! + 1)) \\
 284684 &:= 1 - ((2 + (3 \times (4 - (5! + 6!)))) - (7 \times (8! - 9))) &= (9 + (8! \times 7 + ((6! - 5!) \times 4))) + (3!^2 - 1) \\
 284685 &:= ((1 + 2)!/3) + ((4! + 5) + (6^7 + 8!/9)) &= (9 + (8! \times 7 + ((6! - 5!) \times 4))) + (3! \times (2 + 1)!) \\
 284686 &:= ((1 + 2)! + 3! \times 4!) + (5! + (6^7 + 8!/9)) &= (9 + 8! \times 7) + (((6! - 5!) \times 4) + (3!^2 + 1)) \\
 284687 &:= 1 \times (((2 - 3!) \times (4 + 5! - 6!)) + (7 \times (8! + 9))) &= (9 \times ((8!/7 + 6!) \times 5)) - (((4!^3)/2) + 1) \\
 284688 &:= 1 + (((2 - 3!) \times (4 + 5! - 6!)) + (7 \times (8! + 9))) &= (9 \times ((8!/7 + 6!) \times 5)) - ((4!^3)/2 \times 1) \\
 284689 &:= (1 - (2 \times (3! \times (4! \times (5! - 6!)))) - ((7! - 8!) \times 9) &= (9 \times ((8!/7 + 6!) \times 5)) - (((4!^3)/2) - 1) \\
 284690 &:= (((1 + 2 \times 3!) + 4^5) - (6 - (7 \times 8!))) - 9 &= (9 + ((8! + 7) \times 6)) - ((5! \times (4 - 3!/2)) + 1) \\
 284691 &:= 1 \times ((2 \times (3!! + ((4 \times 5!) - 6))) + (7 \times (8! + 9))) &= 9 - (8 - ((7^6) + ((5! - 4) \times 3!! \times 2) + 1)) \\
 284692 &:= 1 + ((2 \times (3!! + ((4 \times 5!) - 6))) + (7 \times (8! + 9))) &= (9 + ((8! + 7) \times 6)) - ((5! \times (4 - 3!/2)) - 1) \\
 284693 &:= ((1 + (2 \times 3!^4)) \times 5) + (6 \times ((7! - 8) \times 9)) &= ((9 + 8!) \times 7) + (((6! - 5!) \times 4) - (3^2 + 1)) \\
 284694 &:= 1 + (2 - (((3 - 4!) \times 5!) + (6 - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + 6!) + (((5! - (4 - 3!)) \times 2) - 1) \\
 284695 &:= 1 \times 2^{3!} - ((4 \times (5! - 6!)) - (7 \times 8! - 9)) &= ((9 + 8 \times 7!) \times 6) - ((5! \times (4 - 3!/2)) - 1) \\
 284696 &:= (1 + 2^{3!}) - ((4 \times (5! - 6!)) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) + (((5! - (4 - 3!)) \times 2) + 1) \\
 284697 &:= 1 \times 2 + (3!! + (4^5 + (6! + 7 \times 8! - 9))) &= ((9 - 8!) + (7^6)) + (((5! + 4!) \times 3!! \times 2) - 1) \\
 284698 &:= ((1 + (2 \times 3!^4)) - 5!) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (((6! - 5!) \times 4) - 3)) - 2 \times 1 \\
 284699 &:= (1 + (2 \times 3^4)) + (5! + (6^7 + 8!/9)) &= 9 - ((8! - (7^6)) - (((5! + 4!) \times 3!! \times 2) + 1)) \\
 284700 &:= (1 + 2 \times 3! \times 4!) - (5 - (6^7 + 8!/9)) &= ((9 \times (8 + ((7! \times 6) + 5!)))/4!) \times ((3! - 2)! + 1) \\
 284701 &:= 1 + ((2 + 3! \times 4!) \times (5 \times (6 \times ((7 \times 8) + 9)))) &= ((9 + 8!) \times 7) + (((6! - 5!) \times 4) - (3!/(2 + 1))) \\
 284702 &:= ((1 + 2 \times 3!) + (4^5 + 6)) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6!) - ((5 \times (4! - 3!/2)) + 1) \\
 284703 &:= 1 - ((2 + (3 \times (4! - 5!))) - (6^7 + 8!/9)) &= (9 \times (8 \times 7! - 6^5)) - ((4^{3!} \times 2) + 1) \\
 284704 &:= (1 + ((2 + (3! \times 4) \times 5!)) - (6! - (7 \times (8! + 9)))) &= (9 + (8! \times 7 + 6!)) - (5 \times (((4! - 3!)/2) + 1)) \\
 284705 &:= (1 \times 2 - (((3 - 4!) \times 5!) - 6)) + (7 \times (8! - 9)) &= (9 \times (8 \times 7! - 6^5)) - ((4^{3!} \times 2) - 1) \\
 284706 &:= 1 \times 2 \times (3!! + ((4 \times (5! + (6 - (7! - 8!)))) + 9)) &= (((9 \times 8) + 7) \times (6! \times 5 + 4)) - (3^2 + 1) \\
 284707 &:= 1 \times ((2 \times 3!! + 4^5) - (6 - (7 \times 8! + 9))) &= ((9 + 8) + (7^6)) - ((5! \times ((4! - 3!)) \times 2) - 1) \\
 284708 &:= (((1 + 2 \times 3!) + 4^5) - (6 - (7 \times 8!))) + 9 &= (9 + (8! \times 7 + 6!)) - (((5 \times (4! - 3!))/2) + 1) \\
 284709 &:= (1 + (((2 + 3!)/4!) + 5)) + (6! + (7 \times (8! + 9))) &= (((9 \times 8) + 7) \times (6! \times 5 + 4)) - 3! - (2 - 1) \\
 284710 &:= (1 + 2 \times 3! \times 4!) + (5 + (6^7 + 8!/9)) &= (9 + (8! \times 7 + 6!)) - (((5 \times (4! - 3!))/2) - 1) \\
 284711 &:= (1 \times 2 + (3 \times (4 + (5! + 6!)))) + (7 \times (8! - 9)) &= (9 \times (8 + 7! - 6!)) + ((5! \times (4^{3!}/2)) - 1) \\
 284712 &:= (1 + (2 \times (3!! + 4 + 5!))) + (6! + (7 \times (8! + 9))) &= (9 + ((8! + 7!) \times 6)) + (((5! - 4!/3)^2) - 1) \\
 284713 &:= (1 - 2 \times 3!) \times ((4 \times (5 \times 6! + 7)) - 8! + 9) &= ((9 + 8!) \times 7) + (((6! - 5!) \times 4) + (3^2 + 1)) \\
 284714 &:= 1 \times ((2 \times (3! \times 4! + 5)) + (6^7 + 8!/9)) &= (9 + ((8! + 7!) \times 6)) + (((5! - 4!/3)^2) + 1) \\
 284715 &:= 1 + ((2 \times (3! \times 4! + 5)) + (6^7 + 8!/9)) &= (((9 \times 8) + 7) \times (6! \times 5 + (4!/3))) - 2 + 1 \\
 284716 &:= ((1 + (2 \times 3!^4)) - 5!) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + ((6! - 5!) \times 4)) + (3! \times 2 + 1) \\
 284717 &:= 1 - ((2 - 3^4) \times ((5 \times (6! + (7 - 8))) + 9)) &= 9 + (8! \times 7 + (((6! + 5!) + 4^{3!})/2 \times 1)) \\
 284718 &:= 1 \times ((2 + ((3!!/4) + 5!)) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - 6!) + (((5! - 4^3)^2) - 1) \\
 284719 &:= 1 - ((2 + 3!) - (4^5 + (6^7 + 8!/9))) &= (((9 \times 8) + 7) \times (6! \times 5 + 4)) + (3! - 2) - 1 \\
 284720 &:= ((1 + 2 \times 3!) + (4^5 + (6 + 7 \times 8!))) + 9 &= ((9 + 8!) \times 7) - (6! - (((5! - 4^3)^2) + 1))
 \end{aligned}$$

$$\begin{aligned}
 284721 &:= 1 \times 2 + (3 + ((4 + 5 \times 6!) \times (7 + 8 \times 9))) &= (((9 \times 8) + 7) \times (6! \times 5 + 4)) + (3! - 2) + 1 \\
 284722 &:= 1 - (((2 - (3^4 \times 5)) \times 6) - (7 \times (8! + 9))) &= (((9 \times 8) + 7) \times (6! \times 5 + 4)) + 3! \times (2 - 1) \\
 284723 &:= ((1 + 2 \times 3!) \times 4!) - (5 - (6^7 + 8!/9)) &= (9 \times (8! - (7! + (6! \times 5 + 4)))) - (3!/2 + 1) \\
 284724 &:= 1 \times 2 + 3! + ((4 + 5 \times 6!) \times (7 + 8 \times 9)) &= (9 + 8! \times 7) - (((6 - 5^4) \times (3! - 2)) + 1) \\
 284725 &:= 1 - ((2 + ((3 \times (4! \times 5!)) + (6 \times 7 - 8!))) \times 9) &= (9 \times (8! - (7! + (6! \times 5 + 4)))) - (3!/2 - 1) \\
 284726 &:= (1 + 2)! - (3!! - (4^5 + (6^7 + 8!/9))) &= 9 + ((8! \times 7) - (((6 - 5^4) \times (3! - 2)) - 1)) \\
 284727 &:= ((1 \times 2 \times 3!^4) - 5!) + (6 + (7 \times 8! + 9)) &= (9 + (8! - 7) \times 6) - (5! \times (((4 - 3!)/2) + 1)) \\
 284728 &:= 1 - (((2 - 3!) \times (4! - (5! - 6!))) - (7 \times 8! - 9)) &= 9 + ((8! \times 7 + ((6! \times (5! + 4))/(3!^2))) - 1) \\
 284729 &:= (1 + ((2 + 3!) \times 4!)) + (5! + (6^7 + 8!/9)) &= ((9 + 8! \times 7) + ((6! \times (5! + 4))/(3!^2))) \times 1 \\
 284730 &:= (1 + (2 \times (3!^4 - (5!/6)))) + (7 \times (8! - 9)) &= ((9 + 8! \times 7) + ((6! \times (5! + 4))/(3!^2))) + 1 \\
 284731 &:= (1 + 2)!! - ((3^4 \times 5) - (6^7 + 8!/9)) &= (((9 \times 8) + 7) \times (6! \times 5 + 4)) - 3! + 21 \\
 284732 &:= 1 \times (2 + (3! \times (((4^5 - 6) \times 7) + 8! + 9))) &= ((9 + 8!) \times 7) + (((6 + (5! \times 4)) \times (3 + 2)) - 1) \\
 284733 &:= ((1 + 2 \times 3!) \times 4!) + (5 + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6) + (5! + ((4!^3)/(2 + 1)!)) \\
 284734 &:= (12 + 3!) + ((4 + 5 \times 6!) \times (7 + 8 \times 9)) &= (((9 \times 8) + 7) \times (6! \times 5 + 4)) + 3 \times (2 + 1)! \\
 284735 &:= (1 \times 2 + (3^4 \times (5 \times 6))) + (7 \times (8! + 9)) &= ((9 + (8! + 7)) \times 6) - ((5! \times (4 - 3!/2)) + 1) \\
 284736 &:= (1 \times 2^{3!}) \times ((4! \times (5 - 6)) - (7 - 8!/9)) &= ((9 \times (8! - (7! + (6! \times 5)))) - 4!) - (3!/2 \times 1) \\
 284737 &:= (1 + (((2^{3!}) - 4!) \times 5!)) - (6^7 \times (8 - 9)) &= ((9 + (8! + 7)) \times 6) - ((5! \times (4 - 3!/2)) - 1) \\
 284738 &:= 1 - ((2 + (3 \times (4 - (5! + 6!)))) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + ((6! - 5!) \times 4)) + (3!^2 - 1) \\
 284739 &:= (1 \times 2 \times 3!^4) - (5 \times 6 - (7 \times (8! - 9))) &= (((9 \times 8) + 7) \times (6! \times 5 + 4)) + ((3! - 2)! - 1) \\
 284740 &:= (1 + (((2 + 3^4) \times (5 \times 6)) + 7 \times 8!)) + 9 &= ((9 + 8!) \times 7) + (((6! - 5!) \times 4) + (3!^2 + 1)) \\
 284741 &:= 1 \times (2 - ((3 \times (4 - (5! + 6!))) - (7 \times 8! - 9))) &= (((9 \times 8) + 7) \times (6! \times 5 + 4)) + ((3! - 2)! + 1) \\
 284742 &:= 1 + (2 - ((3 \times (4 - (5! + 6!))) - (7 \times 8! - 9))) &= ((9 + 8!) \times 7) + ((6! + (5! - (4! + 3))) \times (2 + 1)) \\
 284743 &:= (1 + 2)^3 + ((4 + 5 \times 6!) \times (7 + 8 \times 9)) &= 9 + (((8! \times 7) - 6) + ((5^4) \times ((3 + 2) - 1))) \\
 284744 &:= 1 - (2 + (((3 - 4!) \times 5!) + (6 - (7 \times 8! - 9)))) &= (9 + (8! \times 7 + 6!)) - (5 \times (4 - (3!/2 - 1))) \\
 284745 &:= (1 - ((2 - 3!) \times (4 - 5!))) \times (6 - (7!/8 - 9)) &= (9 + 8! \times 7) + ((6! + (5! - 4!/3)) \times (2 + 1)) \\
 284746 &:= ((12 \times (3! \times 4!)) - (5 - 6!)) + (7 \times (8! + 9)) &= (9 + 8! \times 7) + (((6! - (5! - 4!)) \times (3! - 2)) + 1) \\
 284747 &:= (1 \times 2 - (((3 - 4!) \times 5!) + (6 - (7 \times 8!)))) - 9 &= (9 \times (8! - (7! + (6! \times 5)))) - (((4! + 3!)/2) + 1) \\
 284748 &:= (((1 + 2)!^3) - 4) + (5! + (6^7 + 8!/9)) &= (9 + (8! \times 7 + 6!)) - ((5 \times (4 - 3!/2)) + 1) \\
 284749 &:= 1 - (2 - ((3! + 4) \times (5 \times (((6! - 7) \times 8) - 9)))) &= (9 \times (8! - (7! + (6! \times 5)))) - (((4! + 3!)/2) - 1) \\
 284750 &:= (1 + (2 \times 3!^4)) - (5!/6 - (7 \times (8! - 9))) &= (9 + (8! \times 7 + 6!)) - ((5 \times (4 - 3!/2)) - 1) \\
 284751 &:= ((1 \times 2 + 3!)/4!) + (5! + (6! + 7 \times 8! - 9)) &= (((9 \times 8) + 7) \times (6! \times 5 + 4)) + (3!^2 - 1) \\
 284752 &:= (1 + (((2 + 3!)/4!) + 5!)) + (6! + 7 \times 8! - 9) &= (((9 \times (8 + 7!))/6) + (5! + 4)) \times (3!^2 + 1) \\
 284753 &:= ((1 + ((2 \times 3! - 4!)/5!)) + 6^7) + 8!/9 &= (((9 \times 8) + 7) \times (6! \times 5 + 4)) + 3!^2 + 1 \\
 284754 &:= (1 - (2^{3!+4})) + (5 \times 6! + (7 \times (8! - 9))) &= (9 + (8! \times 7 + 6!)) - (5 \times (((4 - 3!)/2) + 1)) \\
 284755 &:= (12^3) + (4 + ((5! \times 6) + (7 \times (8! + 9)))) &= ((9 \times (8! - (7! + (6! \times 5)))) - 4) - (3!/2 + 1) \\
 284756 &:= ((1 + ((2 \times 3!)/4)) \times 5) + (6! + 7 \times 8! - 9) &= (9 + 8! \times 7) - (((6 - 5!) \times ((4 \times 3!) - 2)) + 1) \\
 284757 &:= ((1 + 2)! + ((3 + 4!) \times 5!)) - (6! - (7 \times 8! - 9)) &= ((9 + (8! + 7!)) \times 6) + (((5! - 4!/3)^2) - 1) \\
 284758 &:= ((1 \times 2 \times 3!^4) - 5) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6!) - (5 \times (((4! - 3!)/2) + 1))
 \end{aligned}$$

$$\begin{aligned}
 284759 &:= 1 \times (2 - ((3 \times (4 - (5! + 6!))) - (7 \times 8! + 9))) &= ((9 + (8! + 7!)) \times 6) + (((5! - 4!/3)^2) + 1) \\
 284760 &:= 1 + (2 - ((3 \times (4 - (5! + 6!))) - (7 \times 8! + 9))) &= (9 + (8! \times 7 + 6!)) - (((5 \times (4 - 3!))/2) - 1) \\
 284761 &:= (1 - ((2 \times 3!)/4)) - ((5 \times 6! + 7! - 8!) \times 9) &= (((9 \times (8! - 7!))/6) \times 5) + (((4!/3)/2) + 1) \\
 284762 &:= (((1 + 2 \times 3!) + 4^5) - 6) + (7 \times (8! + 9)) &= 9 + 8! + (7 \times (((6! + ((5! - 4!) \times 3!))/2) - 1)) \\
 284763 &:= 1 - ((2 + (3 \times (4 - 5!))) - (6^7 + 8!/9)) &= ((9 \times (8! - (7! + (6! \times 5)))) + 4) - (3!/2 + 1) \\
 284764 &:= 1 \times ((2 \times (3! \times (4! + 5))) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6!) - (((5 \times (4! - 3!))/2) - 1) \\
 284765 &:= 1 + ((2 \times (3! \times (4! + 5))) + (6^7 + 8!/9)) &= ((9 \times (8! - (7! + (6! \times 5)))) + 4) - (3!/2 - 1) \\
 284766 &:= (1 + (2 \times (3!^4 - 5))) + (6 + (7 \times (8! - 9))) &= (9 \times ((8! + 7) - 6^5)) - ((4^3! \times 2) + 1) \\
 284767 &:= 1 - (((2 - 3 \times 4!) \times 5) - (6^7 + 8!/9)) &= ((9 + 8! \times 7) - 6!) + ((5! \times (4! + 3)) - (2 \times 1)) \\
 284768 &:= (1 + 2^3!) - ((4 \times (5! - 6!)) - (7 \times (8! + 9))) &= (9 \times ((8! + 7) - 6^5)) - ((4^3! \times 2) - 1) \\
 284769 &:= (1 + ((2 \times 3!^4) + 5)) - (6 - (7 \times (8! - 9))) &= (9 + 8 \times 7! \times 6) - (5! \times (((4 - 3!)/2) + 1)) \\
 284770 &:= (1 + (((2 + 3!)/4!) + 5!)) + (6! + (7 \times 8! + 9)) &= 9 + 8! + ((7 \times ((6! + ((5! - 4!) \times 3!))/2)) + 1) \\
 284771 &:= ((1 + (2 \times 3!^4)) - 5) + (6 + (7 \times (8! - 9))) &= (9 \times (8! - (7! + (6! \times 5)))) + (((4! - 3!)/2) - 1) \\
 284772 &:= (1 + ((2 \times 3!)/4)) - (5 - (6^7 + 8!/9)) &= ((9 + 8! - 7) \times 6) - (5! \times (((4 - 3!)/2) + 1)) \\
 284773 &:= 1 \times (2 \times 3!! + (4^5 + (6 + (7 \times (8! + 9)))))) &= (9 \times (8! - (7! + (6! \times 5)))) + (((4! - 3!)/2) + 1) \\
 284774 &:= ((1 + ((2 \times 3!)/4)) \times 5) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6 + (5! \times 4!)))) - (3!/2 + 1) \\
 284775 &:= 1 - ((2 - (3 \times 4! \times 5)) - (6^7 + 8!/9)) &= (9 \times (8 + (7! \times 6))) + (((5! - 4!/3)^2) - 1) \\
 284776 &:= (1 + 2)!! - ((3 \times 4! \times 5) - (6^7 + 8!/9)) &= 9 + 8! + (7 \times (((6! + ((5! - 4!) \times 3!))/2) + 1)) \\
 284777 &:= 1 \times (2 - (((3 - 4!) \times 5!) - (6 + (7 \times 8! + 9)))) &= (9 \times (8 + (7! \times 6))) + (((5! - 4!/3)^2) + 1) \\
 284778 &:= 1 + (2 - (((3 - 4!) \times 5!) - (6 + (7 \times 8! + 9)))) &= (9 + (8! \times 7 + 6!)) + (((5 \times (4 + 3!))/2) - 1) \\
 284779 &:= 1 - ((2 - (((3 \times 4)^5) - 6! + 7!)/8) \times 9) &= (9 + (8! \times 7 + ((6! + (5! + 4)) \times 3))) - 2 \times 1 \\
 284780 &:= ((1 \times 2 \times 3!^4) + 5) + (6 + (7 \times (8! - 9))) &= (9 + (8! \times 7 + 6!)) + (((5 \times (4 + 3!))/2) + 1) \\
 284781 &:= (1 + ((2 \times 3!^4) + 5)) + (6 + (7 \times (8! - 9))) &= (9 + (8! \times 7 + ((6 + 5) + (((4 + 3)!/2)))) + 1) \\
 284782 &:= (1 + ((2 \times 3!)/4)) + (5 + (6^7 + 8!/9)) &= ((9 + 8!) \times 7) + (((6! \times (5! + 4))/(3!^2)) - 1) \\
 284783 &:= (1 - (2 \times ((3! + 4!) + 5^6))) - ((7! - 8!) \times 9) &= ((9 \times (8! - (7! + (6! \times 5)))) + 4!) - (3!/2 + 1) \\
 284784 &:= (1 + ((2 \times (3!^4 - (5!/6))) + 7 \times 8!)) - 9 &= (((9 + 8! + (7 \times (6^5 + 4!))) \times 3) - 2) - 1 \\
 284785 &:= ((1 \times 2 \times (3!^4 + 5)) + 6) + (7 \times (8! - 9)) &= (((9 + 8! + (7 \times (6^5 + 4!))) \times 3) - 2) \times 1 \\
 284786 &:= (1 + ((2 \times (3!^4 + 5)) + 6)) + (7 \times (8! - 9)) &= (((9 + 8! + (7 \times (6^5 + 4!))) \times 3) - 2) + 1 \\
 284787 &:= (1 - 2) + ((3 \times (4 + 5!)) + (6^7 + 8!/9)) &= (9 + 8! \times 7 + 6) + ((5! + (4 + 3!)) \times (2 + 1)) \\
 284788 &:= (1 + 2 \times 3! \times 4) \times ((5 + ((6! + 7) \times 8)) - 9) &= (9 + (8! \times 7 + 6!)) + ((5 \times (4 + 3!)/2) - 1) \\
 284789 &:= (1 \times 2 \times 3!^4) + (5!/6 + (7 \times (8! - 9))) &= ((9 + 8! + (7 \times (6^5 + 4!))) \times 3) + (2 \times 1) \\
 284790 &:= 1 \times ((2 + (3 \times (4 + 5!))) + (6^7 + 8!/9)) &= 9 - (8 - (((7! - (6! + 5)) \times ((4^3) + 2)) - 1)) \\
 284791 &:= 1 + ((2 + (3 \times (4 + 5!))) + (6^7 + 8!/9)) &= (9 - 8) \times (((7! - (6! + 5)) \times ((4^3) + 2)) + 1) \\
 284792 &:= (((((1 + 2)!^3) + 4!)/5) + 6^7) - 8!/9 &= 9 - (8 - (((7! - (6! + 5)) \times ((4^3) + 2)) + 1)) \\
 284793 &:= (1 + ((2^3! \times 4) + (5! + 6^7))) + 8!/9 &= ((9 \times (((8!/7) - (6 + (5! \times 4))) \times 3!)) - 2) - 1 \\
 284794 &:= (1 + (2 \times 3!^4)) - (5 \times 6 - (7 \times 8! - 9)) &= ((9 \times (((8!/7) - (6 + (5! \times 4))) \times 3!)) - 2) \times 1 \\
 284795 &:= 1 - (2 - (3^4 \times ((5 \times (6! - (7 + 8))) - 9))) &= ((9 \times (((8!/7) - (6 + (5! \times 4))) \times 3!)) - 2) + 1 \\
 284796 &:= ((1 + 2^3!) \times 4) + (5! + (6^7 + 8!/9)) &= (((9 \times 8) + 7) \times (6! + (5 + (4 \times 3!)))) + 2 - 1
 \end{aligned}$$

$$\begin{aligned}
 284797 &:= 1 \times 2 + (((3!! \times 4) + (5 + 6!)) \times (7 + 8 \times 9)) &= ((9 \times (((8!/7) - (6 + (5! \times 4))) \times 3!)) + 2) - 1 \\
 284798 &:= ((1 + 2)!! - 3!) - ((4 - (5 \times 6!)) \times (7 + 8 \times 9)) &= ((9 \times (((8!/7) - (6 + (5! \times 4))) \times 3!)) + 2) \times 1 \\
 284799 &:= (1 \times 2 \times 3!^4) + (5 \times 6 + (7 \times (8! - 9))) &= ((9 \times (((8!/7) - (6 + (5! \times 4))) \times 3!)) + 2) + 1 \\
 284800 &:= 1 - (((2 - 3!) \times (4! - (5! - 6!))) - (7 \times (8! + 9))) &= ((9 + 8!) \times 7) + (((6! - (5! - 4!)) \times (3! - 2)) + 1) \\
 284801 &:= ((1 + ((2 - 3!) \times (4! - 5!))) + 6^7) + 8!/9 &= (((9 \times 8) + 7) \times (6! \times 5 - 4)) + (3!! - 2) - 1 \\
 284802 &:= ((1 - (2 \times 3! \times 4!)) \times (5! - 6)) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7) + 6!) - ((5 \times (4 - 3!!/2)) + 1) \\
 284803 &:= (1 \times 2 \times 3!^4) - (5!/6 - (7 \times 8! - 9)) &= (((9 \times 8) + 7) \times (6! \times 5 - 4)) + (3!! - 2) + 1 \\
 284804 &:= (1 + (2 \times 3!^4)) - (5!/6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) - ((5 \times (4 - 3!!/2)) - 1) \\
 284805 &:= 1 - (((2 - 3^4) \times (5 \times (6! - (7 - 8)))) - 9) &= (9 - 8) \times ((7^6) + ((5! - 4) \times (3!! \times 2 + 1))) \\
 284806 &:= (1 \times 2 + 3!!) - ((4 - (5 \times 6!)) \times (7 + 8 \times 9)) &= 9 + ((8 + ((7! - (6! + 5)) \times ((4^3) + 2))) - 1) \\
 284807 &:= ((1 \times 2^{3!}) \times (4! + 5)) + (6! + 7 \times 8! - 9) &= ((9 + 8!) \times 7) - (((6 \times 5) - ((4 + 3)!!)/2) + 1) \\
 284808 &:= (1 - (2^{3!+4})) + (5 \times 6! + 7 \times 8! - 9) &= 9 - (((8!/7!) - 6!) \times (((5 \times 4!)/3!)^2) + 1) \\
 284809 &:= (1 + (((2^{3!} - 4!) \times 5!) + 6^7)) + 8 \times 9 &= (((9 + 8!) \times 7) + ((6! + (5! - 4) \times 3)) - 2 \times 1) \\
 284810 &:= ((1 + 2)! + 3!!) - ((4 - (5 \times 6!)) \times (7 + 8 \times 9)) &= 9 - (8 - (7^6 - (5! \times (((4! - 3!!) \times 2) - 1)))) \\
 284811 &:= 1 \times ((2 \times 3!^4) - (5 \times 6 - (7 \times 8! + 9))) &= (9 + ((8! + 7) \times 6)) - (5! \times (((4 - 3!!)/2) + 1)) \\
 284812 &:= (1 - (((2 - (3! \times 4)) \times 5!) + 6)) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + 6!) - (((5 \times (4 - 3!!))/2) + 1) \\
 284813 &:= ((1 + (2 \times 3!^4)) - 5) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + ((6! + (5! - 4) \times 3)) + (2 \times 1)) \\
 284814 &:= 1 + (2 - ((3 \times (4 - (5! + 6!))) - (7 \times (8! + 9)))) &= ((9 + 8 \times 7!) \times 6) - (5! \times (((4 - 3!!)/2) + 1)) \\
 284815 &:= (1 + ((23^4) + 5)) + (6! \times 7 - 8 \times 9) &= (((9 + 8!) \times 7) - 6) + ((5! \times (4! - 3)) - (2 \times 1)) \\
 284816 &:= 1 - (2 + (((3 - 4!) \times 5!) + (6 - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - (6 - (5! \times 4!))) - (3!!/2 + 1) \\
 284817 &:= 1 \times (((2^{3!} + 4!) \times (5 \times 6)) + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6) - (5! \times (4 - ((3! - 2)! + 1))) \\
 284818 &:= 1 \times ((2 \times (3^4 + 5!)) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6!) + ((5!/4!) \times (3!!/2 - 1)) \\
 284819 &:= 1 + ((2 \times (3^4 + 5!)) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - 6) + ((5! \times (4! - 3)) + 2 \times 1) \\
 284820 &:= 1 - (2 - ((3^4 \times 5) + (6^7 + 8!/9))) &= (9 - (8 \times 7)) \times ((6! - ((5^4) \times 3!)) \times 2 \times 1) \\
 284821 &:= (1 \times 2 \times 3!^4) - (5!/6 - (7 \times 8! + 9)) &= 9 + ((8! - ((7 + (6! \times 5)) \times 4)) \times ((3! \times 2) - 1)) \\
 284822 &:= (1 + (2 \times 3!^4)) - (5!/6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) + (((5!/4!) \times 3!!/2) - 1) \\
 284823 &:= 1 - ((2 \times ((3!! + 4) + 5^6)) + ((7! - 8!) \times 9)) &= (((9 + 8!) \times 7!/6!) + (5! \times 4!)) - (3!!/2 \times 1) \\
 284824 &:= (1 - ((2 - (3! \times 4)) \times 5!)) + (6 + (7 \times (8! - 9))) &= (9 + 8! - 7!) - ((6! - 5) \times (((4! - 3!!)/2) - 1)) \\
 284825 &:= (1 + 2 \times 3! \times 4!) + (5! + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - 6!) + ((5! \times (4! + 3)) + 2 \times 1) \\
 284826 &:= (1 - (2^{3!+4})) + (5 \times 6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + ((6 + 5^4) \times (3! - 2))) - 1 \\
 284827 &:= (1 \times 2 \times (3!^4 + 5)) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + ((6 + 5^4) \times (3! - 2))) \times 1 \\
 284828 &:= ((1 + (2 \times (3!^4 + 5))) - 6) + (7 \times 8! - 9) &= (9 + (8! \times 7 + 6!)) + (((5 \times (4! + 3!!))/2) - 1) \\
 284829 &:= ((1 + 2)! + ((3 + 4!) \times 5!)) - (6! - (7 \times (8! + 9))) &= (9 \times (8! - 7!)) - (((6! + ((5!/4!)^{3!}) \times 2) + 1) \\
 284830 &:= ((1 \times 2 \times 3!^4) - 5) - (6 - (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + (((5 \times (4! + 3!!))/2) + 1) \\
 284831 &:= 1 - (2 - ((3!^4 + (5! + (6 \times 7! - 8))) \times 9)) &= (9 \times (8! - 7!)) - (((6! + ((5!/4!)^{3!}) \times 2) - 1) \\
 284832 &:= (((1 + 2)!^{3!})/4) + ((5! + (6 \times 7! - 8)) \times 9) &= (9 \times (8 + 7! - 6!)) + (5! \times (4^{3!}/2 + 1)) \\
 284833 &:= (1 - (2 \times 3! \times 4!)) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 \times (8! - (7! + (6! \times 5)))) - ((4! \times 3! \times 2) - 1) \\
 284834 &:= 1 \times 2 + ((3!^4 + (5! + (6 \times 7! - 8))) \times 9) &= 9 - ((8 - 7!) - (((6^5 - 4) \times (3!^2)) + 1))
 \end{aligned}$$

$$\begin{aligned}
 284835 &:= (1 + ((2 \times 3!^4) + 5)) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) + ((6^5 - 4!)/3)) + (2 \times 1) \\
 284836 &:= (((1 + 2^{3!}) \times (4! + 5)) + 6!) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) + (((6! + (5! + 4)) \times 3) + (2 - 1)) \\
 284837 &:= (1 - ((2 + 3!)/(4! - 5!))) + (6^7 + 8!/9) &= 9 \times 8 - ((7!/6 + 5) \times (4! - (3!/2 + 1))) \\
 284838 &:= (1 + (2 \times (3!^4 - 5))) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) + (5 \times (((4 + 3!)/2) + 1)) \\
 284839 &:= 1 - ((2 \times ((3! - 4) + 5^6)) + ((7! - 8!) \times 9)) &= 9 \times 8 + (7 \times (((6! \times 5! - ((4 + 3)!)/2) + 1)) \\
 284840 &:= (1 + ((2 \times (3!^4 + 5)) + 6)) + (7 \times 8! - 9) &= ((9 + 8! \times 7) + (6^5)) - (((4! \times 3)^2) + 1) \\
 284841 &:= (1 - 2^{3!}) - ((4! + (5 \times 6! + 7! - 8!)) \times 9) &= ((9 + 8! \times 7) - 6!) + ((5! + 4!) \times ((3! - 2)! - 1)) \\
 284842 &:= ((1 \times 2 \times 3!^4) - 5) + (6 + (7 \times 8! + 9)) &= ((9 + 8! \times 7) + (6^5)) - (((4! \times 3)^2) - 1) \\
 284843 &:= ((1 + (2 \times 3!^4)) - 5) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + ((6! + 5) \times 4)) - (3!/2 \times 1) \\
 284844 &:= (1 + (2 \times 3!^4)) + (5!/6 + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + ((6! + 5) \times 4)) - (3!/2 - 1) \\
 284845 &:= (1 \times 2 \times (3!^4 + 5)) - (6 - (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + (((5^4) \times 3) + (2 - 1)) \\
 284846 &:= ((1 + (2 \times (3!^4 + 5))) - 6) + (7 \times 8! + 9) &= (9 + (8! - 7) \times 6) - ((5! \times ((4 - 3!)/2)) + 1) \\
 284847 &:= ((1 + 2)!^3) - ((4 \times (5! - 6!)) - (7 \times 8! - 9)) &= ((9 + 8! \times 7) + ((6^5 + 4!)/3)) - 2 \times 1 \\
 284848 &:= (1 - ((2 - 3!) \times 4!)) - ((5^6 - (7! + 8!)) \times 9) &= (((9 + 8!) \times 7) + 6!) + (5 \times (4 + (3!/2 + 1))) \\
 284849 &:= 1 - (2 + ((3! + (4! + (5 \times 6! + 7! - 8!))) \times 9)) &= (9 + (8! \times 7 + (6! \times 5))) - ((4 + 3!)^{2+1}) \\
 284850 &:= (1 - 2^{3!}) + ((4! \times (5! - 6)) + (7 \times (8! - 9))) &= ((9 + 8! \times 7) + (((6^5 + 4!)/3) + 2)) - 1 \\
 284851 &:= (1 + 2) + ((3 \times (4! + 5!)) + (6^7 + 8!/9)) &= ((9 + 8! \times 7) + (((6^5 + 4!)/3) + 2)) \times 1 \\
 284852 &:= 1 \times 2 + (3 \times (((4 + 5!) \times 6!) + ((7!/8) \times 9))) &= ((9 + 8! \times 7) + (((6^5 + 4!)/3) + 2)) + 1 \\
 284853 &:= (1 + ((2 \times 3!^4) + 5)) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6 \times 5)) + (((4 + 3)!/2 \times 1) \\
 284854 &:= (((1 + 2^{3!}) \times (4! + 5)) + 6!) + (7 \times 8! + 9) &= ((9 + 8) \times ((7!/6!)^5)) - ((4! \times (3!^2)) + 1) \\
 284855 &:= (1 \times 2 \times (3!^4 - (5!/6))) + (7 \times (8! + 9)) &= (9 \times 8 \times (7!/6)) + ((5^4) \times (3!/2 - 1)) \\
 284856 &:= ((1 - 2 \times 3!) \times 4!) - ((5 \times 6! + 7! - 8!) \times 9) &= ((9 + (8! + 7)) \times 6) - (5! \times (((4 - 3!)/2) + 1)) \\
 284857 &:= ((1 \times 2 \times (3!^4 + 5)) + 6) + (7 \times 8! + 9) &= (((9 \times 8) + 7) \times (6! \times 5 + 4!)) - (3! \times 2 - 1) \\
 284858 &:= (1 + ((2 \times (3!^4 + 5)) + 6)) + (7 \times 8! + 9) &= (98 - ((7!/6! - 5!) \times (((4 + 3)!/2))) \times 1 \\
 284859 &:= (((1 + 2)^3) \times (4 + 5!)) - (6! - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) + ((6! + (5! + 4 \times 3)) \times (2 + 1)) \\
 284860 &:= (1 + 2) + (((((3 + 4)! - 5!) + 6^7) - 8 + 9) &= (9 + 8! \times 7) + (((6! \times (5! - 4))/32) + 1) \\
 284861 &:= (((1 + (2^{3!} + 4!)) \times 5) + 6^7) + 8!/9 &= 9 \times 8 + (((7! - (6! + 5)) \times ((4^3) + 2)) - 1) \\
 284862 &:= (1 + (2 \times 3!^4)) + (5!/6 + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + (((5^4) + 3!) \times (2 + 1)) \\
 284863 &:= (((1 + 2) \times (3! \times 4! + 5)) + 6^7) + 8!/9 &= (9 \times (8! - (7! + (6! \times 5)))) - ((4^{3! - 2}) + 1) \\
 284864 &:= ((1 + (23^4)) - ((5 - 6!) \times 7)) + (8 + 9) &= 9 - (((8 - (7! + (6! \times 5))) \times (4! + 3^2)) + 1) \\
 284865 &:= (1 - (2^{3!} \times 4)) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 \times (8! - (7! + (6! \times 5)))) - ((4^{3! - 2}) - 1) \\
 284866 &:= (1 - (((2 - (3! \times 4)) \times 5!) + 6)) + (7 \times 8! - 9) &= 9 - (((8 - (7! + (6! \times 5))) \times (4! + 3^2)) - 1) \\
 284867 &:= (((1 + 2)!^{3+4} - 5!) - (6 - (7! + 8 + 9)) &= (9 \times (8! - (7! + (6! \times 5 + 4)))) - (3!^2 + 1) \\
 284868 &:= 1 \times 2 \times (((3! \times (4! + 5)) - (6 + 7! + 8)) \times 9) &= (9 \times (8! - (7! + (6! \times 5 + 4)))) - (3!^{2+1}) \\
 284869 &:= (((1 + 2)!^{3+4} - ((5 - 6!) \times 7)) - 8 \times 9 &= (9 \times (8! - (7! + (6! \times 5 + 4)))) - (3!^2 - 1) \\
 284870 &:= 1 - ((2 - (3!^4 - 5)) \times ((6 + 7) \times (8 + 9))) &= (9 + 8! \times 7) - (((6 - 5!) \times (4! - (3 - 2))) + 1) \\
 284871 &:= (1 \times 2 \times 3!^4) + (5 \times 6 + (7 \times 8! + 9)) &= 9 - (((8 - 7!) \times 6) - (5 + 4! \times 3!)) \times (2 + 1)! \\
 284872 &:= (1 - ((2 - (3! + 4!)) \times 5!)) - (6! - (7 \times 8! - 9)) &= (9 + 8! \times 7) - (((6 - 5!) \times (4! - (3 - 2))) - 1)
 \end{aligned}$$

$$\begin{aligned}
 284873 &:= (1 \times 2 - (3!! - (4 \times (5! + 6!)))) + (7 \times 8! - 9) &= 9 + (8 + 7! - (6 \times ((5 \times 4) - (3!^{(2+1)!}))) \\
 284874 &:= (1 \times 2 - 3^4) \times (5! - (6 \times (7!/8 - 9))) &= 9 - (8 + ((7!/6! - 5!) \times (((4+3)!/2) + 1))) \\
 284875 &:= (1 \times 2 \times 3!^4) - (5!/6 - (7 \times (8! + 9))) &= (((9+8) \times 7) + 6) \times ((5! \times (4! - (3+2))) - 1) \\
 284876 &:= (1 + (2 \times 3!^4)) - (5!/6 - (7 \times (8! + 9))) &= (((9 \times 8) + 7) \times (6! \times 5)) + (4 \times (((3+2)! - 1)) \\
 284877 &:= ((1+2)! - 3!!) + ((4 \times (5! + 6!)) + 7 \times 8! - 9) &= ((9 \times 8) + (7^6)) + ((5! - 4) \times (3!! \times 2 + 1)) \\
 284878 &:= (1 - 2 \times 3!) \times (4^5 - (6 \times (7 + 8!/9))) &= (((9+8) \times 7!)/6) \times (5 \times 4) - (3!! + 2 \times 1) \\
 284879 &:= (1 - (2 \times ((3!! - 4!) + 5^6))) - ((7! - 8!) \times 9) &= (9 \times (8! - (7! + (6! \times 5 + 4!)))) - ((3! - 2)! + 1) \\
 284880 &:= (1 - (2^{3!+4})) + (5 \times 6! + (7 \times (8! + 9))) &= (((9 - (8 - 7)))! \times 6) - (5! \times ((4 - 3!!)/2 \times 1)) \\
 284881 &:= (1 + ((2 \times 3!) \times 4^5)) + (6 \times ((7! + 8) \times 9)) &= (9 \times (8! - (7! + (6! \times 5 + 4!)))) - ((3! - 2)! - 1) \\
 284882 &:= (1 - ((2 - 3^4) \times (5 \times 6! + 7))) - 8 \times 9 &= (((9+8!) \times 7) + 6!) + (((5 \times (4! + 3!!))/2) - 1) \\
 284883 &:= (1 \times 2 \times 3!^4) + (5! - (6 - (7 \times (8! - 9)))) &= (((9+8!) \times 7) + 6!) + ((5 \times (4! + 3!!))/2 \times 1) \\
 284884 &:= (1 - (((2 - (3! \times 4)) \times 5!) + 6)) + (7 \times 8! + 9) &= (((9+8!) \times 7) + 6!) + (((5 \times (4! + 3!!))/2) + 1) \\
 284885 &:= (1 - 2 \times 3!) + (4 \times 5! + (6^7 + 8!/9)) &= (((9+8!) \times 7) + (6^5 - 4!)/3) - 2 \times 1 \\
 284886 &:= (((1 \times 2 + 3!)! + 4^5) - 6) \times 7 - 8!/9 &= (((9+8) \times 7) \times (6 - 5!)) \times (4 - ((3! - 2)! + 1)) \\
 284887 &:= (1 + (((2 + 3!)! + 4^5) - 6) \times 7) - 8!/9 &= 9 + 8! + (((7 - 6!) \times (5 + ((4! - 3!!)/2))) - 1) \\
 284888 &:= 1 \times 2 - ((3! + (4 \times (5! - 6!))) \times (7 \times (8 + 9))) &= (((9+8!) \times 7) + 6!) + (5 \times (((4! + 3!!)/2) + 1)) \\
 284889 &:= ((1 + 2) \times 3!!) + ((4! \times (5!/6)) + (7 \times 8! + 9)) &= 9 - ((8 \times (((7 - 6!) \times 5) + 4)) \times (3^2 + 1)) \\
 284890 &:= (1 - ((2 - (3! + 4!)) \times 5!)) - (6! - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! + (5! \times 4)))) + (3!! \times 2 + 1) \\
 284891 &:= (1 \times 2 - (3!! - (4 \times (5! + 6!)))) + (7 \times 8! + 9) &= ((9 + 8! - 7) \times 6) - ((5! \times ((4 - 3!!)/2)) + 1) \\
 284892 &:= (1 + (2 \times (3!^4 - 5))) + (6 + (7 \times (8! + 9))) &= ((9 + 8! - 7) \times 6) - (5! \times ((4 - 3!!)/2 \times 1)) \\
 284893 &:= 1 - 2 \times 3! - ((4! + (5 \times 6! + 7! - 8!)) \times 9) &= ((9 + 8! - 7) \times 6) - ((5! \times ((4 - 3!!)/2)) - 1) \\
 284894 &:= ((1 \times 2 \times 3!^4) + 5) - (6 - (7 \times (8! + 9))) &= (9 \times (8! - (7! + (6! \times 5 + 4!)))) - (3^2 + 1) \\
 284895 &:= (1 + ((2 \times 3!^4) + 5)) - (6 - (7 \times (8! + 9))) &= (((9+8!) \times 7) - 6!) + ((5! + 4!) \times ((3! - 2)! - 1)) \\
 284896 &:= (1 - ((2 - (3! \times 4)) \times 5!)) + (6 + (7 \times 8! + 9)) &= (((9+8!) \times 7) + (6^5)) - (((4! \times 3)^2) - 1) \\
 284897 &:= (1 + ((2 \times 3!!)/4)) + (5! + (6^7 + 8!/9)) &= (9 + (8! \times 7 + 6!)) - (5! - (4^3!/2 \times 1)) \\
 284898 &:= ((1 + 2) + 3!! \times 4!) - ((5^6 - (7! + 8!)) \times 9) &= (9 + (8! \times 7 + 6!)) - (5! - (4^3!/2 + 1)) \\
 284899 &:= (1 \times 2 \times (3!^4 + 5)) - (6 - (7 \times (8! + 9))) &= ((9 \times (8! - (7! + (6! \times 5 + 4!)))) - 3) - 2 \times 1 \\
 284900 &:= ((1 + (2 \times (3!^4 + 5))) - 6) + (7 \times (8! + 9)) &= (((9+8!) \times 7) + 6!) + (((5^4) \times 3) + 2 \times 1) \\
 284901 &:= 1 - ((2 - (3! + (4 \times 5!))) - (6^7 + 8!/9)) &= (((9+8!) \times 7) + ((6^5 + 4!)/3)) - 2 \times 1 \\
 284902 &:= (1 - (2 \times 3! - (4! \times (5! - 6)))) + (7 \times (8! - 9)) &= ((9+8!) \times 7) + ((65 \times (4 + 3!^2)) - 1) \\
 284903 &:= 1 \times 2 - (3 + ((4! + (5 \times 6! + 7! - 8!)) \times 9)) &= (9 \times (8! - (7! + (6! \times 5)))) - ((4! \times (3^2)) + 1) \\
 284904 &:= (1 - 2^{3!}) + ((4! \times (5! - 6)) + 7 \times 8! - 9) &= 9 - (8 - (((7! - (6 - (5! \times 4!))) \times (3!^2)) - 1)) \\
 284905 &:= (1 + (2 + 3!)!) + (4! \times (5! - (6 \times 7! - 8! + 9))) &= (9 \times (8! - (7! + (6! \times 5)))) - ((4! \times (3^2)) - 1) \\
 284906 &:= ((1 \times 2 \times 3!^4) + 5) + (6 + (7 \times (8! + 9))) &= 9 - (8 - (((7! - (6 - (5! \times 4!))) \times (3!^2)) + 1)) \\
 284907 &:= (1 + ((2 \times 3!^4) + 5)) + (6 + (7 \times (8! + 9))) &= (((9+8!) \times 7) + 6!) + (((5^4) + 3) \times (2 + 1)) \\
 284908 &:= 1 \times ((2 \times 3! + (4 \times 5!)) + (6^7 + 8!/9)) &= (9 \times (8! - (7! + (6! \times 5 + 4!)))) + ((3 + 2) - 1) \\
 284909 &:= 1 + 2 \times 3! + (4 \times 5! + (6^7 + 8!/9)) &= (9 \times (8! - (7! + (6! \times 5 + 4!)))) + ((3 + 2) \times 1) \\
 284910 &:= (1 - 2) \times (3 - ((4! \times (5! - 6)) + (7 \times (8! - 9)))) &= ((9+8! \times 7) + (6^5/4)) + (3!! - 2 - 1)
 \end{aligned}$$

$$\begin{aligned}
 284911 &:= (1 - 2 \times 3!) \times ((4 \times (5 \times 6! + 7)) - 8! - 9) &= (9 + 8! - ((7 + (6! \times 5)) \times 4)) \times ((3! \times 2) - 1) \\
 284912 &:= (1 + ((2 \times (3!^4 + 5)) + 6)) + (7 \times (8! + 9)) &= (9 + (8! \times 7 + ((6 + 5!) \times 4!)) - (3!/2 + 1)) \\
 284913 &:= 1 - (((2 - 3!) \times (4 + 5!)) - (6^7 + 8!/9)) &= (9 + (8! \times 7 + ((6 + 5!) \times 4!)) - (3!/2 \times 1)) \\
 284914 &:= (((1 + 2)!) \times (3! - 4!)) + 5^6 + (7 \times 8! + 9) &= (9 \times (8! - (7! + (6! \times 5 + 4!)))) + 3^2 + 1 \\
 284915 &:= (1 \times 2 + ((3!! \times 4!)/5)) - (6! - (7 \times (8! - 9))) &= (9 \times (8! - (7! + (6! \times 5 + 4!)))) + ((3! \times 2) - 1) \\
 284916 &:= (1 + (2 \times 3!^4)) + (5!/6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6!) + (((5^4) + 3!) \times (2 + 1)) \\
 284917 &:= 1 + 2 \times 3! - ((4! + (5 \times 6! + 7! - 8!)) \times 9) &= (9 \times (8! - (7! + (6! \times 5 + 4!)))) + (3! \times 2 + 1) \\
 284918 &:= 1 \times 2 + (3 + ((4! \times (5! - 6)) + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - ((6 - 5!) \times 4!)) - (((3 + 2)!) + 1) \\
 284919 &:= (((1 + 2) \times (3!! - 4!)) - 5!) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + ((6! - 5!) \times 4)) + (3!^{2+1}) \\
 284920 &:= (1 - ((2 + 3)! - (4! \times (5! - 6)))) + (7 \times (8! + 9)) &= 9 + ((8 + ((7! - (6 - (5! \times 4!))) \times (3!^2))) - 1) \\
 284921 &:= 1 \times 2 + 3! + ((4! \times (5! - 6)) + (7 \times (8! - 9))) &= 9 + (8 + ((7! - (6 - (5! \times 4!))) \times (3! \times (2 + 1)!))) \\
 284922 &:= (1 - 2^{3!}) + ((4! \times (5! - 6)) + (7 \times 8! + 9)) &= 9 + 8 + (((7! - (6 - (5! \times 4!))) \times (3!^2)) + 1) \\
 284923 &:= (((1 + 2)^3) + (4 \times 5! + 6^7)) + 8!/9 &= (9 + 8! \times 7 + 6) + ((5! - 4) \times ((3! - 2)! - 1)) \\
 284924 &:= (1 - (((2 - 3!!) \times 4) + 5!)) - (6 - (7 \times (8! - 9))) &= (9 + 8! \times 7) + ((6 \times (5 + ((4! - 3!)^2))) - 1) \\
 284925 &:= (1 \times 2 \times 3!^4) + (5 \times 6 + (7 \times (8! + 9))) &= (9 \times (((8 + 7!) \times 6) + 5)) + (4^{3!} \times (2 + 1)) \\
 284926 &:= 1 + 2 \times 3! + ((4! \times (5! - 6)) + (7 \times (8! - 9))) &= (9 + 8! \times 7) + (((6! + 5^4) - 3!) \times 2) - 1) \\
 284927 &:= 1 - ((2 - (((3 + 4)!) - 5!)) - (6^7 + 8 \times 9)) &= (9 \times (8! - (7! + (6! \times 5 + 4!)))) + ((3! - 2)! - 1) \\
 284928 &:= 1 - (((2 - (3!! - 4!)) \times 5) + (6! - (7 \times (8! - 9)))) &= (9 + 8! \times 7) - (((6 - ((5^4) + 3!)) \times 2) - 1) \\
 284929 &:= (1 - (2 + 3!) \times 4!) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 \times (8! - (7! + (6! \times 5 + 4!)))) + ((3! - 2)! + 1) \\
 284930 &:= 1 - (2 - (3!! \times 4 - (5! + (6 - (7 \times (8! - 9)))))) &= (9 + ((8! + 7) \times 6)) - ((5! \times ((4 - 3!)/2)) + 1) \\
 284931 &:= ((1 + 2)^3) - ((4! + (5 \times 6! + 7! - 8!)) \times 9) &= (9 + ((8! + 7) \times 6)) - (5! \times ((4 - 3!)/2 \times 1)) \\
 284932 &:= ((1 + 2)!)^3 + ((4 + 5 \times 6!) \times (7 + 8 \times 9)) &= (9 + 8! \times 7) + (((6! + 5^4) - 3) \times 2) - 1) \\
 284933 &:= 1 \times 2 - (((3 \times ((4 \times 5! \times 6) + 7)) - 8!) \times 9) &= ((9 + 8 \times 7!) \times 6) - ((5! \times ((4 - 3!)/2)) + 1) \\
 284934 &:= (1 - (2 \times (3! - 4^5))) + (6! + (7 \times (8! - 9))) &= (9 + 8! \times 7) - (6 - (((5^4) + 3!)) \times 2) + 1) \\
 284935 &:= (1 + 2 \times 3! \times 4) \times (5! + (((6! - 7) \times 8) - 9)) &= ((9 + 8 \times 7!) \times 6) - ((5! \times ((4 - 3!)/2)) - 1) \\
 284936 &:= (1 - (((2 - 3!!) \times 4) + 5!)) + (6 + (7 \times (8! - 9))) &= ((9 + 8!) \times 7) + (((6! - (5! + (4 - 3!))) \times 2) + 1) \\
 284937 &:= (1 - (((2 - 3^4) \times 5!) - 6^7)) - 8!/9 &= (9 + ((8! + 7!) \times 6)) + (((5! - (4 + 3))^2) - 1) \\
 284938 &:= (1 + ((2 \times 3!^4) + (5! - (6 - (7 \times 8!)))) - 9 &= (((9 + 8!) \times 7) + 6!) + (5 \times (4! + (3!/2 - 1))) \\
 284939 &:= 1 - (2 + ((3!! + ((4 \times (5 + 6!)) + 7! - 8!)) \times 9)) &= (9 \times (8! - (7! + (6! \times 5 + 4!)))) + (3!^2 - 1) \\
 284940 &:= (1 - (2 \times (3 - 4^5))) + (6! + (7 \times (8! - 9))) &= ((9 + (((8 \times (7 + 6!)) + 5!) \times 4!)) - 3) \times 2 \times 1) \\
 284941 &:= (((1 + 2) \times ((3!!/4) - 5)) + 6^7) + 8!/9 &= (9 \times (8! - (7! + (6! \times 5 + 4!)))) + 3!^2 + 1) \\
 284942 &:= 1 - ((2 + 3!!) - ((4 \times (5! + 6!)) + (7 \times (8! + 9)))) &= 9 + ((((((8 \times (7 + 6!)) + 5!) \times 4!) + 3) \times 2) - 1) \\
 284943 &:= ((1 \times 2 + 3!!) \times 4!) - ((5^6 - (7! + 8!)) \times 9) &= ((9 \times (8! - ((7 \times 6!) + (5 \times (4 + 3!)))) + 2) + 1) \\
 284944 &:= (1 + ((2 + 3!!) \times 4!)) - ((5^6 - (7! + 8!)) \times 9) &= (9 + 8! \times 7) + ((6 + (((5^4) + 3!)) \times 2)) - 1) \\
 284945 &:= 1 + ((2 \times (3! \times 4! + 5!)) + (6^7 + 8!/9)) &= (9 + 8! \times 7) + (6 + (((5^4) + 3!)) \times 2 \times 1) \\
 284946 &:= 1 \times ((2 \times (((3^4 + 5!) \times 6!) - 7)) - 8!/9) &= (9 + 8! \times 7 + 6) + (((5^4) + 3!)) \times 2 + 1) \\
 284947 &:= (1 + (2 \times (((3^4 + 5!) \times 6!) - 7))) - 8!/9 &= (9 + 8! \times 7) + (((6! \times 5)/4) \times 3) - (2 \times 1) \\
 284948 &:= (1 + (((2 + 3!!) - 4!) \times 5)) - (6! - (7 \times (8! - 9))) &= (9 + 8! \times 7) - (((6 - 5!) \times 4!) + (3!^2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 284949 &:= (1 \times 2 \times 3!^4) + (5! + ((6 + 7 \times 8!) - 9)) &= (9 + (8! \times 7 + (6! \times 5))) - ((4! + 3!)^2 \times 1) \\
 284950 &:= (1 + ((2 \times 3!^4) + (5! + 6))) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6!) - (5! - (4^{3!}/2 - 1)) \\
 284951 &:= ((1 \times 2 \times (3 + 4^5)) + 6!) + (7 \times (8! - 9)) &= (9 \times (8! - 7!)) + (6^5 - (4! + ((3! + 2)! + 1))) \\
 284952 &:= (1 + (2 \times (3 + 4^5))) + (6! + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6!) - (5! - (4^{3!}/2 + 1)) \\
 284953 &:= (1 - ((2 - 3^4) \times (5 \times 6! + 7))) + (8 - 9) &= (9 \times (8! - 7!)) + (6^5 - (4! + ((3! + 2)! - 1))) \\
 284954 &:= ((1 + (2 \times ((3^4 + 5!) \times 6!))) - 7) - 8!/9 &= (((9 + 8!) \times 7) - 6!) - (5 - (4^{3!} - ((2 + 1)!))) \\
 284955 &:= (1 \times 2 \times 3!^4) + (5! - (6 - (7 \times 8! + 9))) &= (((9 \times 8) + 7) \times (6! \times 5 + 4 + 3)) + (2 \times 1) \\
 284956 &:= (1 + ((2 \times 3!^4) + (5! - (6 - (7 \times 8!)))) + 9 &= (9 + 8! \times 7) + (6! - (((5! - 4^{3!})/2) + 1)) \\
 284957 &:= 1 \times ((2 \times (3! + 4^5)) + (6! + (7 \times (8! - 9)))) &= (9 \times (8 + 7!)) - ((6! - 5) \times (4! - (3!!/2 - 1))) \\
 284958 &:= (1 + (2 \times (3! + 4^5))) + (6! + (7 \times (8! - 9))) &= (9 + (8! \times 7 + 6!)) - (((5! - 4^{3!})/2) - 1) \\
 284959 &:= (1 - (2 \times 3^4)) - ((5 \times 6! + 7! - 8!) \times 9) &= ((9 + 8!) \times 7) - (6 \times 5! - (4^{3!} - ((2 + 1)!))) \\
 284960 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times 6!) - (7! + 8!/9) &= ((9 + 8! \times 7) - ((6 - 5!) \times 4!)) - ((3! - 2)! + 1) \\
 284961 &:= (1 + 2^{3!}) + (4 \times 5! + (6^7 + 8!/9)) &= (9 + (8! \times 7 + (6! \times 5))) - (4! \times (3!^2 + 1)) \\
 284962 &:= 1 \times (2 - (((3 \times 4!) - 5) \times (6! - 7!)) + 8!/9) &= ((9 + 8! \times 7) - ((6 - 5!) \times 4!)) - ((3! - 2)! - 1) \\
 284963 &:= 1 + (2 - (((3 \times 4!) - 5) \times (6! - 7!)) + 8!/9) &= (9 + 8! \times 7) - ((6 - (5! + 4)) \times ((3! - 2)! - 1)) \\
 284964 &:= (1 + 2)! - (((3 \times (4! \times 5! + 6)) - 7! \times 8) \times 9) &= (((9 + 8!) \times 7) + (6^5/4)) + (3!! - 2 - 1) \\
 284965 &:= (1 - (2 + 3!)) - ((4 + (5 \times 6! + 7! - 8!)) \times 9) &= (((9 + 8!) \times 7) - 6) + ((5! - 4) \times ((3! - 2)! - 1)) \\
 284966 &:= 1 \times 2 - (3 - ((4! \times (5! - 6)) + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + ((6 + 5!) \times 4!)) - (3!!/2 + 1) \\
 284967 &:= (1 \times 2 \times 3!^4) + (5! + (6 + (7 \times 8! + 9))) &= (9 + (8! - 7) \times 6) + (5 \times (4! \times (3!!/2 - 1))) \\
 284968 &:= 1 \times ((2^{3!}) - ((4! + (5 \times 6! + 7! - 8!)) \times 9)) &= (((9 + 8!) \times 7) + ((6 + 5!) \times 4!)) - (3!!/2 - 1) \\
 284969 &:= (1 + 2^{3!}) - ((4! + (5 \times 6! + 7! - 8!)) \times 9) &= 9 - (8 \times ((7! - (6^5 + 4)) \times (3! \times 2 + 1))) \\
 284970 &:= (1 - (2 \times (3! + 4!))) \times (5! + (6! - ((7!/8) \times 9))) &= (9 - (8 \times ((7 - 6!) \times 5) + 4)) \times (3^2 + 1) \\
 284971 &:= (1 + (((2 + 3!)! + (4^5 + 6)) \times 7)) - 8!/9 &= ((9 + 8!) \times 7!/6!) + ((5! - 4) \times ((3! - 2)! - 1)) \\
 284972 &:= ((1 + 2)!! + (3!^4 + 5)) + (6! + 7 \times 8! - 9) &= (9 \times (8! - (7! + (6! \times 5)))) - (4 \times (3!^2 + 1)) \\
 284973 &:= ((1 + 2)! + ((3!! \times 4!)/5)) - (6! - (7 \times 8! - 9)) &= (9 - ((8 \times (7! - 6^5)) - 4!)) \times (3! \times 2 + 1) \\
 284974 &:= (1 - (2 \times 3! - (4! \times (5! - 6)))) + (7 \times 8! + 9) &= ((9 + 8! \times 7) - ((6 - 5!) \times 4!)) - ((3! \times 2) - 1) \\
 284975 &:= (1 + (2 \times (((3^4 + 5!) \times 6!) + 7))) - 8!/9 &= 9 + (((8! \times 7) - ((6 - 5!) \times 4!)) - (3^2 + 1)) \\
 284976 &:= (1 - 2^{3!}) + ((4! \times (5! - 6)) + (7 \times (8! + 9))) &= (9 \times (8! - (7! + (6! \times 5 - 4)))) - (3!!/2 \times 1) \\
 284977 &:= (((1 + (2 + 3!)!) + (4^5 + 6)) \times 7) - 8!/9 &= (9 \times (8! - (7! + (6! \times 5 - 4)))) - (3!!/2 - 1) \\
 284978 &:= (1 - (((2 - 3!!) \times 4) + 5!)) - (6 - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) + ((6 \times (5 + ((4! - 3)^2))) - 1) \\
 284979 &:= 1 \times 2 + (((3! - 4 + 5)!) + 6^7) - 8 + 9 &= 9 - 8 + (7! + (((6!/5!)^{4+3}) + 2 \times 1)) \\
 284980 &:= 1 + 2 \times 3! + ((4! \times (5! - 6)) + 7 \times 8! - 9) &= ((9 + 8!) \times 7) + (((6! + 5^4) - 3!) \times 2) - 1) \\
 284981 &:= 1 \times 2 - (3! - ((4! \times (5! - 6)) + (7 \times 8! + 9))) &= (9 \times (8! - 7!)) + (6^5 + (4 - ((3! + 2)! - 1))) \\
 284982 &:= (1 - ((2 - (3!! - 4!)) \times 5)) - (6! - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) - (((6 - ((5^4 + 3!!)) \times 2) - 1) \\
 284983 &:= (1 + 2)! + (((3! - 4 + 5)!) + 6^7) - 8 + 9 &= (9 + (8! \times 7 + (6!/5 \times 4))) - (3!! + 2 \times 1) \\
 284984 &:= 1 \times 2 - (3 - ((4! \times (5! - 6)) + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! \times 5))) - ((4! \times (3!^2)) + 1) \\
 284985 &:= (((((1 + 2)!^{3!}) - (4! - 5!)) \times 6) - 7) + 8!/9 &= (9 \times ((8 - 7) + (6^5 \times 4))) + ((3! + (2 - 1)))! \\
 284986 &:= ((1 + 2)!! - (3! + 4!)) - (5! - (6^7 + 8!/9)) &= ((9 + 8!) \times 7) + (((6! + 5^4) - 3) \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 284987 &:= ((1 \times 2 + 3!! \times 4) - 5!) - (6 - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) - (6 - (((5^4) + 3!!) \times 2 \times 1)) \\
 284988 &:= (1 - (2 \times (3! - 4^5))) + (6! + 7 \times 8! - 9) &= ((9 + 8!) \times 7) - (6 - (((5^4) + 3!!) \times 2) + 1)) \\
 284989 &:= (((1 + (2^{3!+4})) \times 5) + 6^7) - 8 \times 9 &= ((9 + 8! \times 7) + (6^5 + 4)) - ((3! + (2 - 1)))! \\
 284990 &:= (1 - (((2 - 3!!) \times 4) + 5!)) + ((6 + 7 \times 8!) - 9) &= (9 + (8! \times 7 + ((6! - 5) \times 4))) - (((3 + 2)!) - 1) \\
 284991 &:= 1 - ((2 - (3!! - (4! + 5!))) - (6^7 + 8!/9)) &= 9 + 8 + ((7! + ((6!/5!)^{4+3})) - (2 \times 1)) \\
 284992 &:= (1 - (2 + 3!)) + ((4 \times 5! \times 6) + 7 \times 8! - 9) &= ((9 + 8! \times 7) - ((6 - 5!) \times 4!)) + (3! + (2 - 1)) \\
 284993 &:= (1 \times 2 + ((3!! - 4!) \times 5)) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - ((6 - 5!) \times 4!)) + (3! + 2 \times 1) \\
 284994 &:= (1 - (2 \times (3 - 4^5))) + (6! + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) - (5! - ((4 \times (3!! - 2)) - 1)) \\
 284995 &:= ((1 + 2)!! + (3 - 4!)) - (5! - (6^7 + 8!/9)) &= ((9 + 8! \times 7) - ((6 - 5!) \times 4!)) + 3^2 + 1 \\
 284996 &:= (1 - (((2 - 3!!) \times 4) + 5!)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - (5! - ((4 \times (3!! - 2)) + 1)) \\
 284997 &:= (1 + 2) - (((3!! + 4) \times 5) - (6 - (7! - 8!))) \times 9 &= (((9 + 8) \times ((7!/6!)^5)) - 4) - (3!! - (2 \times 1)) \\
 284998 &:= 1 + 2 \times 3! + ((4! \times (5! - 6)) + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + ((6 + (((5^4) + 3!!) \times 2)) - 1) \\
 284999 &:= 1 \times ((2 \times (3!! - (4! + (5 - 6!)))) + (7 \times (8! - 9))) &= (9 + ((8!/7 + (6! - 5)) \times 4)) \times ((3! \times 2) - 1) \\
 285000 &:= (1 - ((2 - (3!! - 4!)) \times 5)) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6) + (((5^4) + 3!!) \times 2) + 1)
 \end{aligned}$$

2.1.6 Numbers From 285001 to 286000

$$\begin{aligned}
 285001 &:= (((1 \times 2 + 3!!) - 4!) \times 5) - (6! - (7 \times 8! - 9)) &= (9 \times (8! - 7!)) + (6^5 + (4! - ((3! + 2)! - 1))) \\
 285002 &:= (1 + (((2 + 3!!) - 4!) \times 5)) - (6! - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) - (((6 - 5!) \times 4!) + (3!^2 + 1)) \\
 285003 &:= (1 + 2) - ((3! + 4!) \times (5!/6 - (7! + 8!/9))) &= (((9 + 8!) \times 7) + (6! \times 5)) - ((4! + 3!)^2 \times 1) \\
 285004 &:= (1 + (2 \times (3!^4 + 5!))) - (6 - (7 \times (8! - 9))) &= ((9 + 8!) \times 7) - (((6 - 5!) \times 4!) + 3!^2) - 1) \\
 285005 &:= ((1 \times 2 \times (3 + 4^5)) + 6!) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) + ((6 + ((5^4) + 3!!)) \times 2 \times 1) \\
 285006 &:= (1 + (2 \times (3 + 4^5))) + (6! + 7 \times 8! - 9) &= (9 + (8! \times 7 + (6 - 5!))) + ((4 \times (3!! - 2)) - 1) \\
 285007 &:= (((1 + 2)!! - (3! + 4)) \times 5) - (6! - (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6!) - ((5 \times (4! - 3!)) + 2 \times 1) \\
 285008 &:= (1 - (((2 - 3!!) \times 4) + 5!)) + (6 + (7 \times 8! + 9)) &= (9 + (8! \times 7 + ((6! - 5!) \times 4))) + (3!!/2 - 1) \\
 285009 &:= (1 \times 2 \times 3!^4) + (5! - (6 - (7 \times (8! + 9)))) &= (9 + 8 \times 7! \times 6) + (5 \times (4! \times (3!!/2 - 1))) \\
 285010 &:= (1 + ((2 \times 3!^4) + (5! - 6))) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + (6! - (((5! - 4^3!)/2) + 1)) \\
 285011 &:= 1 \times (((2 + 3!!) \times 4) - (5! + (6 - (7 \times 8! + 9)))) &= (9 + (8! \times 7 + 6!)) - (5 - (4^3!/2 - 1)) \\
 285012 &:= (1 + (2 \times (3! + 4^5))) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6!) - (((5! - 4^3!)/2) - 1) \\
 285013 &:= 1 \times (((2 - 3!) \times (4! + (5 - 6!))) + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! - 5!))) + (4^3!/2 + 1) \\
 285014 &:= 1 + (((2 - 3!) \times (4! + (5 - 6!))) + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - ((6 - 5!) \times 4!)) - ((3! - 2)! + 1) \\
 285015 &:= 1 + (2 - (((3 \times 4) + (5 \times 6! + 7! - 8!)) \times 9)) &= (((9 + 8!) \times 7) + (6! \times 5)) - (4! \times (3!^2 + 1)) \\
 285016 &:= (1 + (2 \times (3!^4 + 5!))) + (6 + (7 \times (8! - 9))) &= (9 + (8! \times 7 + (6 \times 5!))) + (4^3!/2 - 1) \\
 285017 &:= (1 \times 2 \times (3!! + 4^5)) - (6! - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - ((6 - (5! + 4)) \times ((3! - 2)! - 1)) \\
 285018 &:= 1 - (((2 - 3! \times 4!) \times (5!/6)) - (7 \times (8! - 9))) &= (9 + (8! \times 7 + (6 \times 5!))) + (4^3!/2 + 1) \\
 285019 &:= 1 - ((2 - (3!! + 4 - 5!)) - (6^7 + 8!/9)) &= (9 \times (8! - (7! + (6! \times 5)))) - (((4 + 3!)^2) + 1) \\
 285020 &:= (1 + (((2 + 3!!) - 4!) \times 5)) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - ((6 - 5!) \times 4!)) + (3!^2 - 1) \\
 285021 &:= 1 - (2^3! + ((4 + (5 \times 6! + 7! - 8!)) \times 9)) &= (9 + (8! \times 7 + 6!)) + ((5 + (4^3!/2)) - 1)
 \end{aligned}$$

$$\begin{aligned} 285022 &:= (1 - ((2 - 3^4) \times (5 \times 6!))) + (7!/8 - 9) &= (9 + 8! \times 7) - (((6 - 5!) \times 4!) - (3!^2 + 1)) \\ 285023 &:= 1 + ((2 + (3!! + 4 - 5!)) + (6^7 + 8!/9)) &= (9 + (8! \times 7 + 6!)) + (5 + (4^{3!}/2 + 1)) \\ 285024 &:= (1 + (2 \times (3 + 4^5))) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6 - 5!))) + ((4 \times (3!! + 2)) + 1) \\ 285025 &:= (1 + ((2 + 3!)! + 4! \times 5!)) - (6 \times (7 - 8! + 9)) &= (9 \times (8! - (7! + (6! \times 5)))) - ((4 \times (3! - 2)!) - 1) \\ 285026 &:= 1 - 2 \times 3! - ((4 \times (5 - 6!)) - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - ((6 - 5!) \times 4!)) - (3! \times 2 + 1) \\ 285027 &:= (1 + 2)! + ((3! \times ((4 \times 5!) - 6)) + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6!/5) + (4 \times (3!! - 2 - 1)) \\ 285028 &:= (1 - (2^{3!} + ((4 \times (5 - 6!)) - (7 \times 8!)))) - 9 &= (((9 + 8!) \times 7) - ((6 - 5!) \times 4!)) - ((3! \times 2) - 1) \\ 285029 &:= (1 \times 2 \times (3! + 4^5)) + (6! + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - (((6 - 5!) \times 4!) + (3^2 + 1)) \\ 285030 &:= (1 + (2 \times (3! + 4^5))) + (6! + (7 \times 8! + 9)) &= (9 \times (8! - 7!)) + ((6 - (5! - 4!)) \times (3!!/2 + 1)) \\ 285031 &:= 1 \times 2^{3!} + ((4! \times (5! - 6)) + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6!/5) + (4 \times (3!! - (2 \times 1))) \\ 285032 &:= (1 + 2^{3!}) + ((4! \times (5! - 6)) + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6!/5) + ((4 \times (3!! - 2)) + 1) \\ 285033 &:= (1 - (2^{3!} + 4!)) - ((5 \times 6! + 7! - 8!) \times 9) &= ((9 + (8! \times 7 + 6!)) + 5^4) + 3!! \times 2 - 1 \\ 285034 &:= ((1 + 2)!! - (3! - 4!)) - (5! - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - (((6 - 5!) \times 4!) + 3)) - 2 \times 1 \\ 285035 &:= (1 \times 2 - (3!! + 4!)) + (5 \times 6! + (7 \times (8! - 9))) &= (9 + 8! \times 7) + (6! + ((5^4) + (3!! \times 2 + 1))) \\ 285036 &:= 1 - (2 - (((3!! - 4) \times 5) - (6! - (7 \times (8! - 9)))))) &= ((9 + (((8 \times (7 + 6!)) + 5!) \times 4)) \times 3!) \times 2 \times 1 \\ 285037 &:= (1 + 2)!! - (3!! + ((4 \times (5 - 6!)) - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6!/5) + (4 \times 3!! - (2 \times 1)) \\ 285038 &:= 1 \times 2 - (3 - ((4! \times (5! - 6)) + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (6! \times 5)) - ((4! \times (3!^2)) + 1) \\ 285039 &:= (1 \times 2 + 3!! \times 4) - (5!/6 - (7 \times (8! - 9))) &= ((9 + 8!/7!) \times (6! + (5 + 4))) \times ((3! - 2)! - 1) \\ 285040 &:= (1 - ((2 - 3^4) \times (5 \times 6!))) + (7!/8 + 9) &= (((9 + 8!) \times 7) + (6! \times 5)) - ((4! \times (3!^2)) - 1) \\ 285041 &:= (1 \times 2 - 3^4) - ((5 \times 6! + 7! - 8!) \times 9) &= (((9 + 8!) \times 7) - 6!/5) + ((4 \times 3!!) + 2 \times 1) \\ 285042 &:= (1 - ((2^{3!}) - (4! \times 5! - (6 - (7 \times 8!)))))) - 9 &= (((9 + 8!) \times 7) + ((6! - 5) \times 4)) - (((3 + 2)!) + 1) \\ 285043 &:= ((1 + 2) + 3!!) + ((4! - 5!) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - 6!/5) + (4 \times (3!! + (2 - 1))) \\ 285044 &:= 1 \times 2 + (3 + ((4! \times (5! - 6)) + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - (((6 - 5!) \times 4!) - 3)) + (2 \times 1) \\ 285045 &:= ((1 \times 2 + 3!!) \times 4) - (5!/6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - (((6 - 5!) \times 4!) - 3)) + (2 + 1) \\ 285046 &:= (1 - (2^{3!} + ((4 \times (5 - 6!)) - (7 \times 8!)))) + 9 &= (((9 + 8!) \times 7) - 6!/5) + ((4 \times (3!! + 2)) - 1) \\ 285047 &:= 1 \times 2 - (3! - (4! \times 5! - (6 - (7 \times (8! - 9)))))) &= (9 \times (8! - (7! + (6! \times 5 + 4)))) - (3!^2 + 1) \\ 285048 &:= (1 - 2^{3!}) + ((4 \times 5! \times 6) + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6) - (5! - ((4 \times (3!! - 2)) - 1)) \\ 285049 &:= 1 \times 2^{3!} + ((4! \times (5! - 6)) + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - ((6 - 5!) \times 4!)) + 3^2 + 1 \\ 285050 &:= (1 + 2^{3!}) + ((4! \times (5! - 6)) + (7 \times 8! + 9)) &= (9 - ((8 \times ((7 - 6!) \times 5)) + 4!)) \times (3^2 + 1) \\ 285051 &:= 1 - (((2 - 3!!) \times 4) + ((5 - 6) - (7 \times (8! - 9)))) &= (9 + ((8! + 7) \times 6)) + (5 \times (4! \times (3!!/2 - 1))) \\ 285052 &:= (1 - (2 \times 3! - 4! \times 5!)) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6!) - ((5 \times (4! - (3!! - 2))) + 1) \\ 285053 &:= ((1 + (2 \times 3!^4)) \times 5) + ((6 \times 7! - 8) \times 9) &= (((9 + 8!) \times 7) - 6!) - (5 \times (4! - (3!! - (2 \times 1)))) \\ 285054 &:= (1 - ((2^{3!}) - 4! \times 5!)) + ((6 + 7 \times 8!) - 9) &= ((9 + 8 \times 7!) \times 6) + (5 \times (4! \times (3!!/2 - 1))) \\ 285055 &:= 1 \times 2 - (3!! + (4 - (5 \times 6! + (7 \times (8! - 9)))))) &= (9 + 8! \times 7) + (((6 + 5!) - 4) \times ((3! - 2)! - 1)) \\ 285056 &:= 1 \times 2 - (3 - ((4 \times 5! \times 6) + (7 \times (8! - 9)))) &= 9 - (((((8! \times 7)/6!) + 5) \times (4 - (3!! + 2))) - 1) \\ 285057 &:= ((1 + 2) \times (3!^4 - 5!)) - (6! - (7 \times 8! + 9)) &= (9 + (8! - 7) \times 6) + ((5!/4) \times (3!! \times 2 - 1)) \\ 285058 &:= (1 + (2 \times (3!^4 + 5!))) - (6 - (7 \times 8! - 9)) &= 9 - (((8 - (7! + (6 + (5! \times 4)))) \times (3!^2)) - 1) \\ 285059 &:= (1 \times 2 + (3!! + 4! \times 5!)) - (6! - (7 \times (8! - 9))) &= ((9 \times (8! - (7! + (6! \times 5)))) - 4!) - (3!^2 + 1) \end{aligned}$$

$$\begin{aligned}
 285060 &:= (1 - ((2^{3!}) - (4! \times 5! - (6 - (7 \times 8!)))) + 9 &= (((9 + 8!) \times 7) + (6 - 5!)) + ((4 \times (3!! - 2)) - 1) \\
 285061 &:= (1 - (2 \times (3! + 4!))) - ((5 \times 6! + 7! - 8!) \times 9) &= ((9 \times (8! - (7! + (6! \times 5)))) - 4!) - (3!^2 - 1) \\
 285062 &:= (1 - (((2 - 3!!) \times 4) + 5!)) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + ((6! - 5!) \times 4)) + (3!!/2 - 1) \\
 285063 &:= (1 \times 2 - 3!!) + (4 + (5 \times 6! + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + ((6! - 5!) \times 4)) + (3!!/2 \times 1) \\
 285064 &:= (1 + 2 \times 3!) \times ((4! \times ((5! \times 6) + 7)) + 8!/9) &= (((9 + 8!) \times 7) + ((6! - 5!) \times 4)) + (3!!/2 + 1) \\
 285065 &:= (1 + (((2 + 3!!) \times 4) + 5)) - (6 - (7 \times (8! - 9))) &= ((9 + 8!/7!) - 6) \times (5 \times (((4! \times 3)^2) - 1)) \\
 285066 &:= (1 - 2^{3!}) + ((4 \times 5! \times 6) + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6) - (5! - ((4 \times (3!! + 2)) + 1)) \\
 285067 &:= (1 + ((2 + 3!)! + 4! \times 5!)) + (6 \times (7! \times 8 - 9)) &= (9 \times (8! - (7! + (6! \times 5)))) - ((4! + 3) \times 2 - 1) \\
 285068 &:= (1 - 2^{3!}) + ((4 \times (5 + 6!)) + 7 \times 8! - 9) &= (9 \times (8! - (7! + (6! \times 5)))) - (4 \times (3! \times 2 + 1)) \\
 285069 &:= (1 \times 2 + 3!)! + (4! \times 5! - ((6 \times (7 - 8!)) + 9)) &= (((9 + 8) \times (((7!/6!)^5) + 4)) - 3!!) + (2 \times 1) \\
 285070 &:= (1 + (2 \times (3!^4 + 5!))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + (6 \times 5!)) + (4^{3!}/2 - 1) \\
 285071 &:= ((1 + (2 \times 3!^4)) \times 5) + (6 \times (7! + 8! - 9)) &= (9 \times (8! - (7! + (6! \times 5 + 4)))) - (3! \times 2 + 1) \\
 285072 &:= (1 - ((2^{3!}) - 4! \times 5!)) + (6 + (7 \times 8! + 9)) &= 9 - ((8 \times (7 - ((6! \times (5! - (4! - 3)))/2))) + 1) \\
 285073 &:= 1 - 2 \times 3! - ((4 + (5 \times 6! + 7! - 8!)) \times 9) &= (9 \times (8! - (7! + (6! \times 5 + 4)))) - ((3! \times 2) - 1) \\
 285074 &:= (1 + (((2 + 3!!) - 4!) \times 5)) - (6! - (7 \times (8! + 9))) &= (9 \times (8! - (7! + (6! \times 5 + 4)))) - (3^2 + 1) \\
 285075 &:= (((1 + 2)!)! \times 3^4) + (5 \times ((6! \times 7) + 8! - 9)) &= (((9 + 8!) \times 7) + 6!) + ((5 + (4^{3!}/2)) - 1) \\
 285076 &:= ((1 - 2 \times 3!) \times 4) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 \times ((8!/7) - 6)) + (((5! \times 4) + 3^2) + 1) \\
 285077 &:= (1 + (((2 + 3!!) \times 4) + 5)) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6!) + (5 + (4^{3!}/2 + 1)) \\
 285078 &:= 1 \times ((2 \times (3 - 4!)) - ((5 \times 6! + 7! - 8!) \times 9)) &= (9 + (8! \times 7 + 6!)) + (((5! + 4^{3!})/2) + 1) \\
 285079 &:= 1 + ((2 \times (3 - 4!)) - ((5 \times 6! + 7! - 8!) \times 9)) &= ((9 \times (8! - (7! + (6! \times 5)))) - 4) - (3!^2 + 1) \\
 285080 &:= 1 - 2 \times 3! - ((4 \times (5 - 6!)) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6) + (((5! - 4) \times (3! - 2)!) - 1) \\
 285081 &:= (1 - 2^{3!}) + (4! - ((5 \times 6! + 7! - 8!) \times 9)) &= ((9 \times (8! - (7! + (6! \times 5)))) - 4) - (3!^2 - 1) \\
 285082 &:= (1 - ((2 - (3!! - 4)) \times 5)) - (6! - (7 \times 8! - 9)) &= (9 + (8! - 7) \times 6) + (5 \times (4! \times 3!!/2 - 1)) \\
 285083 &:= (1 \times 2 - (3!! - 4!)) + (5 \times 6! + (7 \times (8! - 9))) &= (9 \times (8! - 7!)) - (((6! \times 5 + 4) \times (3^2)) + 1) \\
 285084 &:= (1 - (2 - 3!!) \times 4) - (5!/6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + ((6! - 5) \times 4))) - ((3! - 2)! + 1) \\
 285085 &:= 1 - 2 \times 3! - (4! + ((5 \times 6! + 7! - 8!) \times 9)) &= (9 \times (8! - 7!)) - (((6! \times 5 + 4) \times (3^2)) - 1) \\
 285086 &:= (1 - 2^{3!}) + ((4 \times (5 + 6!)) + (7 \times 8! + 9)) &= (9 \times (8! - (7! + (6! \times 5)))) - (4! + (3^2 + 1)) \\
 285087 &:= 1 \times 2 - (3! + ((4 \times (5 - 6!)) - (7 \times 8! - 9))) &= (9 \times (8! - (7! + (6! \times 5)))) + (4 - (3!^2 + 1)) \\
 285088 &:= (1 + (2 \times (3!^4 + 5!))) + (6 + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) + ((5! \times 4!) - (3!^2 - 1)) \\
 285089 &:= (1 \times 2 - (3!! + 4!)) + (5 \times 6! + 7 \times 8! - 9) &= (9 \times (8! - (7! + (6! \times 5)))) + (4 - (3!^2 - 1)) \\
 285090 &:= (1 + 2^{3!}) \times (4 - (((5! + 6) \times 7) - 8!)/9) &= ((9 + 8! \times 7) - 6 \times 5) + ((4 \times (3!! - 2)) - 1) \\
 285091 &:= (1 + 2)! - (3! + ((4 \times (5 - 6!)) - (7 \times 8! - 9))) &= ((9 \times (8! - (7! + (6! \times 5)))) - 4) - ((3! - 2)! + 1) \\
 285092 &:= 1 \times ((2 + 3!) - ((4 + (5 \times 6! + 7! - 8!)) \times 9)) &= (9 + ((8! \times 7!/6!) + (5! \times 4!))) - (3!^2 + 1) \\
 285093 &:= (1 - 2^{3!}) + ((4 - (5 \times 6! + 7! - 8!)) \times 9) &= ((9 \times (8! - (7! + (6! \times 5)))) - 4) - ((3! - 2)! - 1) \\
 285094 &:= (1 - (2 \times 3! - 4! \times 5!)) - (6 - (7 \times 8! - 9)) &= (9 \times (8! - (7! + (6! \times 5 + 4)))) + 3^2 + 1 \\
 285095 &:= 1 \times 2 + ((3! \times (4 \times 5! + 6)) + (7 \times (8! - 9))) &= (9 \times (8! - (7! + (6! \times 5 + 4)))) + ((3! \times 2) - 1) \\
 285096 &:= 1 \times 2 + (3 - ((4 \times (5 - 6!)) - (7 \times 8! - 9))) &= ((9 + (8! + 7)) \times 6) + (5 \times (4! \times (3!!/2 - 1))) \\
 285097 &:= 1 + 2 \times 3! - ((4 + (5 \times 6! + 7! - 8!)) \times 9) &= (9 \times (8! - (7! + (6! \times 5 + 4)))) + (3! \times 2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 285098 &:= 1 - 2 \times 3! - ((4 \times (5 - 6!)) - (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + ((5! \times 4!) - (3!^2 + 1)) \\
 285099 &:= ((1 \times 2 + 3!!) \times 4) - (5!/6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + ((6! - 5) \times 4))) - (3^2 + 1) \\
 285100 &:= (1 + ((2 + 3!!) \times 4)) - (5!/6 - (7 \times 8! - 9)) &= (9 + 8! \times 7 + 6) + ((5! \times 4!) - (3!^2 - 1)) \\
 285101 &:= 1 \times 2 - (3! - (4! \times 5! - (6 - (7 \times 8! - 9)))) &= ((9 \times (8! - (7! + (6! \times 5)))) + 4) - ((3! - 2)! - 1) \\
 285102 &:= (1 + (((2 + 3!!) - 4) \times 5)) - (6! - (7 \times 8! - 9)) &= ((9 + 8! - 7) \times 6) + ((5!/4) \times (3!! \times 2 - 1)) \\
 285103 &:= 1 \times 2^{3!} + ((4! \times (5! - 6)) + (7 \times (8! + 9))) &= ((9 \times (8! - (7! + (6! \times 5)))) - 4) - (3! \times 2 + 1) \\
 285104 &:= 1 + 2 \times 3! - ((4 \times (5 - 6!)) - (7 \times 8! - 9)) &= (9 + ((8! \times 7!/6!) + (5! \times 4!))) - ((3! - 2)! + 1) \\
 285105 &:= 1 - 2 \times 3! - (4 + ((5 \times 6! + 7! - 8!) \times 9)) &= ((9 \times (8! - (7! + (6! \times 5)))) - 4) - ((3! \times 2) - 1) \\
 285106 &:= (1 - (2 \times 3! - 4! \times 5!)) + ((6 + 7 \times 8!) - 9) &= ((9 \times (8! - (7! + (6! \times 5)))) - 4) - (3^2 + 1) \\
 285107 &:= (1 \times 2 - (3!! + 4!)) + (5 \times 6! + (7 \times 8! + 9)) &= ((9 \times (8! - (7! + (6! \times 5)))) + 4!) - (3!^2 + 1) \\
 285108 &:= 1 \times 2 - ((3 + (4 \times (5 - 6!))) - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6 \times 5) + ((4 \times (3!! + 2)) + 1) \\
 285109 &:= 1 + 2 \times 3! - (4! + ((5 \times 6! + 7! - 8!) \times 9)) &= ((9 + 8!/7!) - 6) \times ((5 \times ((4! \times 3)^2)) - 1) \\
 285110 &:= ((1 + ((2 + 3!!) + (4 \times 5!))) \times 6) - (7 - 8! + 9) &= ((9 + 8! \times 7) - (6 - (5! \times 4!))) - (3! \times 2 + 1) \\
 285111 &:= (1 \times 2 + 3!!) + ((4! \times (5! - (6 \times 7! - 8!))) - 9) &= (9 + ((8! \times 7)/6!)) \times ((5 \times ((4! \times 3!) - 2)) + 1) \\
 285112 &:= (1 + ((2 + 3!!) + 4! \times 5!)) + ((6 \times 7! \times 8) - 9) &= 9 - (((8 - ((7! - 6!) \times ((5!/4) + 3))) \times 2) + 1) \\
 285113 &:= (1 - 2 \times 3!) + (4 - ((5 \times 6! + 7! - 8!) \times 9)) &= ((9 + 8! \times 7) - 6) + ((5! \times 4!) - (3^2 + 1)) \\
 285114 &:= (1 - ((2^{3!}) - (4! \times 5! - 6))) + (7 \times (8! + 9)) &= ((9 \times (8! - (7! + (6! \times 5)))) + 4) - (3^2 + 1) \\
 285115 &:= ((1 \times 2^{3!}) + 4! \times 5!) - (6 - (7 \times (8! - 9))) &= (9 \times (8! - 7!)) - ((6 + (((5!/4) \times 3!)^2)) - 1) \\
 285116 &:= ((1 + (2 \times 3!^4)) \times 5) + ((6 \times (7! + 8!)) - 9) &= (9 + ((8! \times 7!/6!) + (5! \times 4!))) - (3! \times 2 + 1) \\
 285117 &:= (1 \times 2 - 3!!) + (4 + (5 \times 6! + 7 \times 8! - 9)) &= (9 + (8! - 7) \times 6) + ((5!/4) \times (3!! \times 2 + 1)) \\
 285118 &:= 1 + 2 \times 3! + (4! \times 5! - (6 - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6!) + (((5!/4) \times (3!! - 2)) - 1) \\
 285119 &:= (1 + (((2 + 3!!) \times 4) + 5)) - (6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + ((6! - 5) \times 4))) + 3^2 + 1 \\
 285120 &:= (1 - 2 \times 3!) + ((4 \times (5 + 6!)) + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6!) + (((5!/4) \times (3!! - 2)) + 1) \\
 285121 &:= (1 - ((2 - (3^4 \times 5)) \times 6!)) - ((7! + 8!)/9) &= (9 \times (8! - (7! + (6! \times 5 - 4)))) - (3!^2 - 1) \\
 285122 &:= (1 - ((2 - (3!! + 4)) \times 5)) - (6! - (7 \times 8! - 9)) &= (9 \times (8!/7)) - (6 - (((5! \times 4) + 3)^2) - 1) \\
 285123 &:= 1 \times 2 - ((3 - 4) + ((5 \times 6! + 7! - 8!) \times 9)) &= 9 + 8! - 7 + ((6 \times ((5! \times 4) + (3! + 2)!)) + 1) \\
 285124 &:= (1 - (2 - 3!!) \times 4) + (5!/6 + 7 \times 8! - 9) &= (9 \times (8!/7)) - (6 - (((5! \times 4) + 3)^2) + 1) \\
 285125 &:= 1 \times 2 + 3! + (4! \times 5! + ((6 + 7 \times 8!) - 9)) &= (9 + 8! \times 7 + 6) + ((5! \times 4!) - (3^2 + 1)) \\
 285126 &:= (1 - ((2^{3!}) - 4! \times 5!)) + (6 + (7 \times (8! + 9))) &= ((9 \times (8! - (7! + (6! \times 5)))) - 4) + 3^2 + 1 \\
 285127 &:= 1 \times 2 - (3!! + (4 - (5 \times 6! + (7 \times 8! + 9)))) &= (9 \times (8! - 7!)) + (6 - (((5!/4) \times 3!)^2) - 1) \\
 285128 &:= (1 + (2^{3!} + 4! \times 5!)) + (6 + (7 \times (8! - 9))) &= (9 \times (8!/(7!/6!))) + (((5! \times 4) + 3)^2) - 1) \\
 285129 &:= 1 + 2 \times 3! - (4 + ((5 \times 6! + 7! - 8!) \times 9)) &= (9 + 8! - 7!/6) + (5! \times (4^{3!}/2 - 1)) \\
 285130 &:= (1 + ((2 + 3!!) + 4! \times 5!)) + ((6 \times 7! \times 8) + 9) &= (9 \times (8!/(7!/6!))) + (((5! \times 4) + 3)^2) + 1) \\
 285131 &:= (1 + (((2 + 3!!) \times 4) + 5)) + ((6 + 7 \times 8!) - 9) &= ((9 + 8!/7!) - 6) \times ((5 \times ((4! \times 3)^2)) + 1) \\
 285132 &:= 1 \times 2 + 3! + (4 - ((5 \times 6! + 7! - 8!) \times 9)) &= (((9 + 8!) \times 7) + 6!) + (((5! + 4^{3!})/2) + 1) \\
 285133 &:= (1 - 2 \times 3!) + (4! - ((5 \times 6! + 7! - 8!) \times 9)) &= ((9 + 8! \times 7) - 6) + (5! \times 4! + (3^2 + 1)) \\
 285134 &:= ((1 + (2 \times 3!^4)) \times 5) + ((6 \times (7! + 8!)) + 9) &= ((9 \times (8! - (7! + (6! \times 5)))) + 4) + 3^2 + 1) \\
 285135 &:= (1 \times 2 - 3!!) + (4 + (5 \times 6! + (7 \times 8! + 9))) &= (9 \times ((8 + 7!) \times 6)) + (((5! - 4!/3)^2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 285136 &:= 1 + 2 \times 3! + (4! \times 5! - (6 - (7 \times 8! + 9))) &= (9 \times (8!/7)) + (6 + (((5! \times 4) + 3)^2) + 1) \\
 285137 &:= 1 + 2 \times 3! + (4 - ((5 \times 6! + 7! - 8!) \times 9)) &= (9 \times ((8 + 7!) \times 6)) + (((5! - 4!/3)^2) + 1) \\
 285138 &:= (1 - 2 \times 3!) + ((4 \times (5 + 6!)) + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! + 5!))) + (4^{3!}/2 + 1) \\
 285139 &:= ((1 \times 2 + 3!!) \times 4) + (5!/6 + 7 \times 8! - 9) &= (9 + (8! \times 7 + ((6! + 5) \times 4))) - (3^2 + 1) \\
 285140 &:= (1 + ((2 + 3!!) \times 4)) + (5!/6 + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6) + ((5! \times 4!) - (3!^2 + 1)) \\
 285141 &:= ((1 \times 2 + (3!! + 4)) \times 5) - (6! - (7 \times 8! - 9)) &= (9 + ((8! + 7) \times 6)) + ((5!/4) \times (3!! \times 2 - 1)) \\
 285142 &:= (1 + ((2 + (3!! + 4)) \times 5)) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6) + ((5! \times 4!) - (3!^2 - 1)) \\
 285143 &:= 1 \times 2 - (3 - (4! - ((5 \times 6! + 7! - 8!) \times 9))) &= (9 + ((8! \times 7!/6!) + 5)) + ((4 \times (3!! + 2)) + 1) \\
 285144 &:= 1 + 2 \times 3! + ((4 \times (5 + 6!)) + 7 \times 8! - 9) &= (9 + (8! \times 7 + ((6! - 5) \times 4))) + (3!^2 - 1) \\
 285145 &:= (1 - 2 \times 3!) + ((4 - (5 \times 6! + 7! - 8!)) \times 9) &= (9 + 8! \times 7 + 6) + (5! \times 4! + (3^2 + 1)) \\
 285146 &:= (1 - (2 - 3!!) \times 4) - (5 \times 6 - (7 \times (8! + 9))) &= (9 \times (8! - (7! + (6! \times 5 - 4)))) - (3^2 + 1) \\
 285147 &:= (1 \times 2 + (3!! + 4)) + (5 + (6^7 + 8!/9)) &= ((9 \times (8! - (7! + (6! \times 5)))) + 4) + ((3! - 2)! - 1) \\
 285148 &:= 1 + 2 \times 3! + (4! \times 5! + (6 + (7 \times 8! + 9))) &= (((9 + 8!) \times 7!/6!) + (5! \times 4!)) - (3!^2 - 1) \\
 285149 &:= 1 - ((2 + 3!) - ((4 - (5 \times 6! + 7! - 8!)) \times 9)) &= (9 + 8! \times 7 + 6) + (5 + ((4 \times (3!! + 2)) + 1)) \\
 285150 &:= (1 + ((2 + 3!!) \times 4)) + ((5 \times 6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + ((6! - 5) \times 4)) - (3! \times 2 + 1) \\
 285151 &:= (1 \times 2 + 3!! \times 4) + (5!/6 + (7 \times 8! + 9)) &= (9 \times (8! - (7! + (6! \times 5)))) - (4 - (3!^2 - 1)) \\
 285152 &:= 1 - 2 \times 3! - ((4 \times (5 - 6!)) - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) + ((5! \times 4!) - (3!^2 + 1)) \\
 285153 &:= (1 \times 2 + 3!)! + (4! \times 5! + ((6 \times (7 + 8!)) - 9)) &= (((9 + 8!) \times 7) + ((6! - 5) \times 4)) - (3^2 + 1) \\
 285154 &:= (1 - ((2 - 3!) \times ((4 + 5!) \times 6))) + (7 \times (8! - 9)) &= (9 \times (8! - (7! + (6! \times 5)))) + (4! + (3^2 + 1)) \\
 285155 &:= (1 + 2 \times 3!) \times (((4! \times (5! - 6)) + 7) \times 8) - 9 &= (9 \times (8! - 7!)) - (((6! \times 5 - 4) \times (3^2)) + 1) \\
 285156 &:= (1 + 2^{3!}) - ((4 \times (5 - 6!)) - (7 \times 8! - 9)) &= (9 \times (8 - (7! + (6 - ((5 + 4!) \times 3!)))) \times 2 \times 1 \\
 285157 &:= 1 + 2 \times 3! + (4! - ((5 \times 6! + 7! - 8!) \times 9)) &= (9 \times (8! - 7!)) - (((6! \times 5 - 4) \times (3^2)) - 1) \\
 285158 &:= (1 + ((2 + 3!!) \times 4)) + (5!/6 + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6 - (5! \times 4!))) + (3!^2 - 1) \\
 285159 &:= ((1 \times 2 + (3!! + 4)) \times 5) - (6! - (7 \times 8! + 9)) &= (9 + (8! \times 7 + ((6! + 5) \times 4))) + 3^2 + 1 \\
 285160 &:= (1 + ((2 + (3!! + 4)) \times 5)) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6 - (5! \times 4!))) + 3!^2 + 1 \\
 285161 &:= (1 + 2^{3!}) - (4! + ((5 \times 6! + 7! - 8!) \times 9)) &= ((9 \times (8! - (7! + (6! \times 5)))) + 4) + 3!^2 + 1 \\
 285162 &:= 1 + 2 \times 3! + ((4 \times (5 + 6!)) + (7 \times 8! + 9)) &= ((9 + 8! - 7) \times 6) + ((5!/4) \times (3!! \times 2 + 1)) \\
 285163 &:= 1 - ((2 \times (3 - 4!)) + ((5 \times 6! + 7! - 8!) \times 9)) &= (((9 + 8!) \times 7) - 6) - (5 - ((4 \times (3!! - 2)) - 1)) \\
 285164 &:= 1 \times (2 + (3! + ((4 - (5 \times 6! + 7! - 8!)) \times 9))) &= (9 + ((8! \times 7!/6!) + (5! \times 4!))) + (3!^2 - 1) \\
 285165 &:= 1 + (2 + (3! + ((4 - (5 \times 6! + 7! - 8!)) \times 9))) &= (9 + ((8! + 7!) \times 6)) + (((5 \times 4!) - 3!)^2 \times 1) \\
 285166 &:= (1 - (2 \times 3! - 4! \times 5!)) - (6 - (7 \times (8! + 9))) &= (9 \times (8! - (7! + (6! \times 5 - 4)))) + 3^2 + 1 \\
 285167 &:= (1 \times 2 + 3!! + 4!) + (5 + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - 6) + ((5! \times 4!) - (3^2 + 1)) \\
 285168 &:= (1 - ((2 - (3!! + 4!)) \times 5)) - (6! - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + ((6! + 5) \times 4)) - (3!^2 - 1) \\
 285169 &:= (1 + 2 \times 3! \times 4) - ((5 \times 6! + 7! - 8!) \times 9) &= 9 - (((8 \times ((7 - 6!) \times 5)) + 4) \times (3^2 + 1)) \\
 285170 &:= (1 + (2^{3!} + 4! \times 5!)) - (6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6 + (5! \times 4!)))) + (3!^2 - 1) \\
 285171 &:= (1 \times 2 + 3!)! + (4! \times 5! + (6 \times (7 + 8!) + 9)) &= (((9 + 8!) \times 7!/6!) - 5) + ((4 \times (3!! - 2)) + 1) \\
 285172 &:= ((1 + 2 \times 3!) \times 4) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 + (8! \times 7 + (6 + (5! \times 4!)))) + 3!^2 + 1 \\
 285173 &:= 1 \times (2 - (3! - (4! \times 5! - (6 - (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7) + ((6! - 5) \times 4)) + 3^2 + 1
 \end{aligned}$$

$$\begin{aligned}
 285174 &:= (1 + 2^{3!}) - ((4 \times (5 - 6!)) - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - 6! + (((5!/4!) \times (3!! - 2)) + 1) \\
 285175 &:= (1 + ((2 + 3!)! + 4! \times 5!)) + (6 \times (7! \times 8 + 9)) &= ((9 + 8!/7!) - 6) \times (5 \times (((4! \times 3)^2) + 1)) \\
 285176 &:= (1 + 2^{3!}) + ((4 \times 5! \times 6) + 7 \times 8! - 9) &= (9 + ((8! + 7) \times 6)) + (5 \times ((4! \times 3!!/2) + 1)) \\
 285177 &:= 1 - (((2 - 3!!) \times 4) + ((5 - 6) - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (6! \times 5 - (4 + 3!!))) - 2 \times 1 \\
 285178 &:= (1 - (2 \times 3! - 4! \times 5!)) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) + ((5! \times 4!) - ((3! \times 2) - 1)) \\
 285179 &:= ((1 + (2 \times 3!^4)) \times 5) + (6 \times (7! + 8! + 9)) &= (((9 + 8!) \times 7) + 6) + ((5! \times 4!) - (3^2 + 1)) \\
 285180 &:= (1 + (((2 + 3!!) \times 4) + 5!)) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + ((6! + 5) \times 4)) - ((3! - 2)! - 1) \\
 285181 &:= (1 + (2 \times (3! + 4!))) - ((5 \times 6! + 7! - 8!) \times 9) &= ((9 \times (8! - (7! + (6! \times 5)))) + 4!) + 3!^2 + 1 \\
 285182 &:= (1 + (2^{3!} + 4! \times 5!)) + ((6 + 7 \times 8!) - 9) &= (9 \times (8!/7 + 6)) + (((5! \times 4) + 3)^2) - 1 \\
 285183 &:= 1 - (2 - (3!! \times 4 - ((5 - 6) - (7 \times (8! + 9)))) &= (9 \times (8!/7 + 6)) + (((5! \times 4) + 3)^2 \times 1) \\
 285184 &:= (1 \times 2^{3!}) \times ((4! \times (5 - 6)) + (7! \times 8/9)) &= (9 \times (8!/7 + 6)) + (((5! \times 4) + 3)^2) + 1 \\
 285185 &:= (1 - ((2 + 3!) \times (4! - 5!))) + (6^7 + 8!/9) &= (((9 + 8!) \times 7!/6!) - 5) + ((4 \times (3!! + 2)) - 1) \\
 285186 &:= 1 - (((2 + 3!! \times 4) \times (5 - 6)) - (7 \times (8! + 9))) &= (9 + (8! \times 7 + ((6! + 5) \times 4))) + 3!^2 + 1 \\
 285187 &:= ((1 \times 2^{3!}) + 4! \times 5!) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6) + (5! \times 4! + (3^2 + 1)) \\
 285188 &:= (1 + (2^{3!} + 4! \times 5!)) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6 - (5! \times 4!))) + ((3! \times 2) - 1) \\
 285189 &:= (1 + 2^{3!}) + (4 - ((5 \times 6! + 7! - 8!) \times 9)) &= (((9 + 8!) \times 7) + (6! \times 5 + (4 - 3!!))) + (2 \times 1) \\
 285190 &:= (1 - 2 \times 3!) + ((4! \times (5! + 6)) + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6!) + ((5! + (4^{3!}/2)) - 1) \\
 285191 &:= (1 + (((2 + 3!!) \times 4) + 5)) - (6 - (7 \times (8! + 9))) &= (9 \times (8! - (7! + (6! \times 5 - 4)))) + (3!^2 - 1) \\
 285192 &:= (1 - 2^{3!}) + ((4! \times (5! + 6)) + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6! + 5!)) + (4^{3!}/2 + 1) \\
 285193 &:= (1 \times 2 + ((3! + 4) \times (5 \times ((6! - 7) \times 8)))) - 9 &= (((9 + 8!) \times 7) + ((6! + 5) \times 4)) - (3^2 + 1) \\
 285194 &:= (1 + 2^{3!}) + ((4 \times 5! \times 6) + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) + (((5!/4!) \times (3!! + 2)) + 1) \\
 285195 &:= 1 - (2 \times ((3 + (4! \times (5 - (6! + 7!)))) - 8!/9)) &= (((9 + 8!) \times 7!/6!) + 5) + ((4 \times (3!! + 2)) - 1) \\
 285196 &:= (1 + (2^{3!} + ((4 \times (5 + 6!)) + 7 \times 8!))) - 9 &= (((9 + 8!) \times 7!/6!) + (5! \times 4!)) + (3! \times 2 + 1) \\
 285197 &:= ((1 + (2 \times 3!^4)) \times 5) + ((6 \times 7! + 8) \times 9) &= (((9 + 8!) \times 7!/6!) + 5) + ((4 \times (3!! + 2)) + 1) \\
 285198 &:= 1 \times (2 \times ((3 \times (((4^5 + 6) \times 7) + 8!)) + 9)) &= (((9 + 8!) \times 7) + ((6! - 5) \times 4)) + (3!^2 - 1) \\
 285199 &:= 1 + (2 \times ((3 \times (((4^5 + 6) \times 7) + 8!)) + 9)) &= (((9 + 8!) \times 7) + 6) + (5! \times 4! + (3^2 + 1)) \\
 285200 &:= (1 + (2^{3!} + 4! \times 5!)) + (6 + (7 \times 8! + 9)) &= (9 \times (8 + (7! + 6!))) + (((5! \times 4) + 3)^2) - 1 \\
 285201 &:= (((1 - 2) + 3^4) \times (5 \times (6! - 7))) - (8 - 9) &= (9 + ((8! + 7) \times 6)) + ((5!/4) \times (3!! \times 2 + 1)) \\
 285202 &:= 1 + 2 \times 3! + (4! \times 5! + (6 + (7 \times (8! + 9)))) &= (9 \times (8 + (7! + 6!))) + (((5! \times 4) + 3)^2) + 1 \\
 285203 &:= (1 + (((2 + 3!!) \times 4) + 5)) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) + (5 + ((4 \times (3!! + 2)) + 1)) \\
 285204 &:= 1 - (((2 - 3) \times 4) \times (5 + 6!)) - (7 \times (8! + 9)) &= ((9 + 8 \times 7!) \times 6) + ((5!/4) \times (3!! \times 2 + 1)) \\
 285205 &:= 1 \times ((2 + ((3!! + 4) \times 5)) - (6! - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - 6!) + ((5 \times (4 + 3!!)) + 2 \times 1) \\
 285206 &:= 1 + ((2 + ((3!! + 4) \times 5)) - (6! - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7!/6!) + (5! \times 4!)) + ((3! - 2)! - 1) \\
 285207 &:= ((1 + 2)!!/3) + ((4! \times (5! - 6)) + 7 \times 8! - 9) &= (9 + (8! - 7) \times 6) + (5! \times (((4 + 3!!)/2) - 1)) \\
 285208 &:= (1 - (((2 - 3!) \times ((4 + 5!) \times 6)) - (7 \times 8!))) - 9 &= (((9 + 8!) \times 7!/6!) + (5! \times 4!)) + ((3! - 2)! + 1) \\
 285209 &:= (1 + (2^{3!} + 4!)) - ((5 \times 6! + 7! - 8!) \times 9) &= ((9 + (8! + 7!)) \times 6) + (((5 \times 4!) - 3!^2) - 1) \\
 285210 &:= (1 - 2^{3!}) + ((4! \times (5! + 6)) + (7 \times 8! + 9)) &= (9 \times (8! - 7!)) + ((6 - (5! - 4!)) \times (3!!/2 - 1)) \\
 285211 &:= (1 - (((2 + 3!)! \times 4)/5)) - (((6 + 7!) - 8!) \times 9) &= ((9 + (8! + 7!)) \times 6) + (((5 \times 4!) - 3!^2) + 1)
 \end{aligned}$$

$$\begin{aligned} 285212 &:= (1 + ((2 + 3!) \times 4) + (5!/6 + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - (6 - (5! \times 4!))) + (3!^2 - 1) \\ 285213 &:= 1 \times 2^{3!} + ((4 \times (5 + 6!)) + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + ((6! + 5) \times 4)) + 3^2 + 1 \\ 285214 &:= (1 + (2^{3!} + ((4 \times (5 + 6!)) + 7 \times 8!))) + 9 &= (((9 + 8!) \times 7) - (6 - (5! \times 4!))) + 3!^2 + 1 \\ 285215 &:= 1 \times (2 + ((3! \times 4) + (5 \times 6 + (7 \times (8! + 9)))))) &= (9 \times (8! - (7! + (6! \times 5)))) + ((4 \times (3! - 2)!) - 1) \\ 285216 &:= 1 + 2 \times 3! + ((4 \times (5 + 6!)) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + ((6! + 5) \times 4)) + (3! \times 2 + 1) \\ 285217 &:= (1 + ((2 + 3!)! + 4! \times 5!)) + (6 \times (7 + 8! + 9)) &= (9 \times (8! - (7! + (6! \times 5)))) + ((4 \times (3! - 2)!) + 1) \\ 285218 &:= 1 \times (2 \times (((3! + (4! - 5)) \times ((6! - 7) \times 8)) + 9)) &= (((9 + 8!) \times 7!/6!) + (5! \times 4!)) + (3!^2 - 1) \\ 285219 &:= 1 + (2 \times (((3! + (4! - 5)) \times ((6! - 7) \times 8)) + 9)) &= (9 \times (8! - (7! + (6! \times 5)))) + (((4 + 3!)^2) - 1) \\ 285220 &:= 1 \times (2^{3!} + ((4 - (5 \times 6! + 7! - 8!)) \times 9)) &= (((9 + 8!) \times 7!/6!) + (5! \times 4!)) + 3!^2 + 1 \\ 285221 &:= (1 + 2^{3!}) + ((4 - (5 \times 6! + 7! - 8!)) \times 9) &= ((9 + (8! + 7)) \times 6) + (5 \times ((4! \times 3!)/2) + 1) \\ 285222 &:= 1 - (((2 - (3! + 4!)) \times 5) + (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + (6 \times 5)) + ((4 \times (3! + 2)) + 1) \\ 285223 &:= 1 \times ((2 \times (3! + (4 \times 5 + 6!))) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6!) + (5 \times (((4! - 3!)^2) - 1)) \\ 285224 &:= 1 - (2 - ((3! \times 4) + (5! - (6 - (7 \times 8! - 9)))))) &= (((9 + 8!) \times 7) + (6 + (5! \times 4!))) + (3!^2 - 1) \\ 285225 &:= ((1 + 2)!!/3) + ((4! \times (5! - 6)) + (7 \times 8! + 9)) &= (9 - ((8!/7) - ((6! - 5) \times 4!))) \times ((3! - 2)! + 1) \\ 285226 &:= (1 - (((2 - 3!) \times ((4 + 5!) \times 6)) - (7 \times 8!))) + 9 &= (((9 + 8!) \times 7) + (6 + (5! \times 4!))) + 3!^2 + 1 \\ 285227 &:= (1 + ((2 \times (3^4 \times 5)) + 6^7)) + 8!/9 &= (((9 + 8!) \times 7) + 6!) + ((5 \times ((4! - 3!)^2)) - 1) \\ 285228 &:= 1 - (((2 - 3!) \times (4! + (5 + 6!))) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + ((6! + 5) \times 4)) + ((3! - 2)! + 1) \\ 285229 &:= (1 + 2)!! - (((3 + 4!) - 5!) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6!) + ((5 \times ((4! - 3!)^2)) + 1) \\ 285230 &:= (1 - (((2 - 3!) \times 4) - 5!)) + ((6 + 7 \times 8!) - 9) &= (9 + 8! \times 7 + 6) + (((5! + 4) \times (3! - 2)!) - 1) \\ 285231 &:= 1 - ((2 - (3! - (4! - 5!))) - (6^7 + 8!/9)) &= ((9 \times (8! - (7! + (6! \times 5 - (4 \times 3)))))) + 2 + 1 \\ 285232 &:= (1 + (2 + 3!)) + ((4 \times 5! \times 6) + 7 \times 8! - 9) &= (9 + 8! \times 7 + 6) + (((5! + 4) \times (3! - 2)!) + 1) \\ 285233 &:= 1 \times (2 + ((3 \times (4^5 - 6)) + (7 \times (8! - 9)))) &= ((9 + 8!) \times 7) + (6! + (5 \times (((4! - 3!)^2) + 1))) \\ 285234 &:= (1 + (((2 + 3!) \times 4) + 5!)) - (6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6 - 5!)) + ((4 \times (3! - 2)) - 1) \\ 285235 &:= ((1 + 2)!! + (3 - 4!)) + (5! + (6^7 + 8!/9)) &= ((9 + 8! \times 7) - (6 - 5!)) + (4 \times (3! - (2 \times 1))) \\ 285236 &:= (1 - (((2 - 3!) \times 4) - (5! - (6 - (7 \times 8!)))))) + 9 &= (9 + (8! \times 7 + ((6 + 5!) \times 4!))) - (3!^2 + 1) \\ 285237 &:= ((1 + 2)! + ((3! + 4!) \times 5)) - (6! - (7 \times 8! - 9)) &= ((9 \times (8! - (7! + (6! \times 5)))) - (4 - ((3 + 2)!)!) + 1) \\ 285238 &:= ((1 + 2)!! + (3! - 4!)) + (5! + (6^7 + 8!/9)) &= ((9 + 8!) \times 7) + (((6! + 5) \times 4) + 3!^2) - 1) \\ 285239 &:= (1 \times 2 + ((3! \times 4) + 5!)) + ((6 + 7 \times 8!) - 9) &= (9 \times (8! - 7!)) - (((6! + 5^4) \times (3! - 2)!) + 1) \\ 285240 &:= 1 - (((2 - (3! + 4!)) \times 5) + (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + ((6! + 5) \times 4)) + 3!^2 + 1) \\ 285241 &:= ((1 \times 2 + 3! + 4!) \times 5) - (6! - (7 \times 8! - 9)) &= (9 \times (8! - 7!)) - (((6! + 5^4) \times (3! - 2)!) - 1) \\ 285242 &:= (1 + ((2 + 3! + 4!) \times 5)) - (6! - (7 \times 8! - 9)) &= 9 + 8! - 7 - (6! - (5! \times (4^{3!}/2 - 1))) \\ 285243 &:= (((1 + 2) \times (3! + 4)) + 5!) + (6! + 7 \times 8! - 9) &= ((9 \times (8! - (7! + (6! \times 5)))) + 4) + (((3 + 2)!) - 1) \\ 285244 &:= (1 - 2 \times 3!) + ((4! \times (5! + 6)) + 7 \times 8! - 9) &= (9 + 8! \times 7) + (((6! + 5 + 4!) \times (3! - 2)) - 1) \\ 285245 &:= 1 - (2 + (((3! - 4) \times 5) + ((6 + 7!) - 8!) \times 9)) &= ((9 + 8! \times 7) - (6 - 5!)) + ((4 \times 3!) + 2 \times 1) \\ 285246 &:= (1 + (((2 + 3!) \times 4) + 5!)) + ((6 + 7 \times 8!) - 9) &= ((9 + (8! + 7)) \times 6) + ((5!/4) \times (3! \times 2 + 1)) \\ 285247 &:= 1 \times 2^{3!} + ((4 \times 5! \times 6) + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6!) + ((5 \times (4! + 3!)) - (2 \times 1)) \\ 285248 &:= (1 - (((2 - 3!) \times 4) - 5!)) + (6 + (7 \times 8! + 9)) &= 9 + 8! - (7!/6 - ((5! \times (4^{3!}/2) - 1))) \\ 285249 &:= (1 + 2) - (((3! - 4) \times 5) + ((6 + 7!) - 8!) \times 9) &= 9 - (((8 \times ((7 - 6!) \times 5)) - 4) \times (3^2 + 1)) \end{aligned}$$

$$\begin{aligned} 285250 &:= (1 + (2 \times (3!! - (4! - (5! + 6!)))) + (7 \times (8! - 9))) = (9 - ((8 \times ((7 - 6!) \times 5) + 4)) \times (3^2 + 1) \\ 285251 &:= 1 \times 2 - (3! - ((4! \times (5! + 6)) + 7 \times 8! - 9)) = ((9 + 8! \times 7) - 6!) + ((5 \times (4! + 3!!)) + 2 \times 1) \\ 285252 &:= (1 + (((2 + 3!!) \times 4) + 5!)) - (6 - (7 \times 8! + 9)) = ((9 + 8! - 7) \times 6) + (5! \times (((4 + 3!!)/2) - 1)) \\ 285253 &:= 1 \times (2^{3!} + (4! \times 5! + (6 + (7 \times (8! + 9)))))) = ((9 + 8!) \times 7) - ((6 - (5! + 4)) \times ((3! - 2)! + 1)) \\ 285254 &:= (1 + (2^{3!} + 4! \times 5!)) + (6 + (7 \times (8! + 9))) = (9 + (8! \times 7 + (6 + (5! \times 4!)))) + (((3 + 2))! - 1) \\ 285255 &:= 1 + ((2 - 3) + ((4! \times (5! + 6)) + 7 \times 8! - 9)) = ((9 + 8!) \times 7) - (((6 - 5!) \times 4!) - (3!^{2+1})) \\ 285256 &:= (((1 + 2)!!/3) \times 4) - (5! - (6^7 + 8!/9)) = (9 + (8! + 7)) - (6! - (5! \times (4^{3!}/2 - 1))) \\ 285257 &:= (1 \times 2 + ((3!! \times 4) + 5!)) + (6 + (7 \times 8! + 9)) = (9 + 8! \times 7 + 6) + (5! + ((4 \times 3!!) + 2 \times 1)) \\ 285258 &:= ((1 + 2)! + 3!!) - ((4 - 5!) - (6^7 + 8!/9)) = 9 - (8 + (7 \times ((6 \times (5! - ((4^3)/2))) + 1))) \\ 285259 &:= (1 - (((2 + 3!)! \times 4)/5) + 6) - ((7! - 8!) \times 9) = ((9 + 8! \times 7) - 6!) + (5 \times (4! + (3!! + 2 \times 1))) \\ 285260 &:= (1 + ((2 + 3!! + 4!) \times 5)) - (6! - (7 \times 8! + 9)) = (9 \times (8! - (7! + (6! \times 5)))) + (4 \times (3!^2 - 1)) \\ 285261 &:= ((1 + 2)^{3!}) - ((4 - 5!) - (6^7 + 8!/9)) = ((9 + 8!) \times 7) + (6 \times ((5! \times 4) + (3! \times 2 + 1))) \\ 285262 &:= 1 \times ((2 + (3!! + 4 + 5!)) + (6^7 + 8!/9)) = (9 + 8! \times 7 + 6) + (5! + ((4 \times (3!! + 2)) - 1)) \\ 285263 &:= 1 + ((2 + (3!! + 4 + 5!)) + (6^7 + 8!/9)) = (9 + (8! \times 7 + ((6 + 5!) \times 4!))) - (3^2 + 1) \\ 285264 &:= (1 + (((2 + 3!!) \times 4) + 5!)) + (6 + (7 \times 8! + 9)) = (9 + (8! \times 7 + (6!/5))) + ((4 \times (3!! - 2)) - 1) \\ 285265 &:= (1 - (2^{3!} \times (4 \times (5! + 6)))) - ((7! - 8!) \times 9) = ((9 \times (8! - (7! + (6! \times 5)))) + ((4! \times 3!) + 2)) - 1 \\ 285266 &:= 1 - (2 - ((3 \times (4^5 + 6)) + (7 \times (8! - 9)))) = ((9 \times (8! - (7! + (6! \times 5)))) + ((4! \times 3!) + 2)) \times 1 \\ 285267 &:= 1 \times 2^{3!} + ((4 \times (5 + 6!)) + (7 \times (8! + 9))) = ((9 \times (8! - (7! + (6! \times 5)))) + ((4! \times 3!) + 2)) + 1 \\ 285268 &:= (1 + (2 \times 3! + ((4! \times (5! + 6)) + 7 \times 8!))) - 9 = (9 \times (8! - (7! + (6! \times 5)))) + (4 \times (3!^2 + 1)) \\ 285269 &:= 1 \times 2 - (3! - ((4! \times (5! + 6)) + (7 \times 8! + 9))) = (9 + (8! \times 7 + (((6 + 5!) \times 4!) - 3!))) + (2 \times 1) \\ 285270 &:= 1 \times (2 \times (3 + (((4! + 5) \times 6!) - (7! - 8!) \times 9))) = ((9 \times (8 - (7! - (6! \times (5 + 4!)))))) + 3) \times 2 \times 1 \\ 285271 &:= 1 + (2 \times (3 + (((4! + 5) \times 6!) - (7! - 8!) \times 9))) = (9 + (8! \times 7 + (6!/5))) + (4 \times 3!! - (2 \times 1)) \\ 285272 &:= (1 - (((2 + 3!) - 4!) \times (5^6)) + 7!) + (8! - 9) = (((9 + 8!) \times 7) - 6) + (((5! + 4) \times (3! - 2)! - 1) \\ 285273 &:= (1 - 2^{3!}) + ((4! - (5 \times 6! + 7! - 8!)) \times 9) = 9 \times 8 - (((7 - 6!) \times (((5 \times 4!)/3!)^2)) - 1) \\ 285274 &:= ((1 + 2)!! - (3! - 4!)) + (5! + (6^7 + 8!/9)) = (9 + 8! \times 7) - (((6^5 - 4!^3)/2) - 1) \\ 285275 &:= 1 - ((2 - 3) - ((4! \times (5! + 6)) + (7 \times 8! + 9))) = (9 + (8! \times 7 + (6!/5))) + ((4 \times 3!!) + 2 \times 1) \\ 285276 &:= 1 \times 2 \times (3! + (((4! + 5) \times 6!) - (7! - 8!) \times 9)) = ((9 \times (8 - (7! - (6! \times (5 + 4!)))))) + 3! \times 2 \times 1 \\ 285277 &:= (1 + 2)!! - ((3 - (4! + 5!)) - (6^7 + 8!/9)) = (9 + 8! \times 7) - (6! - (((5^4) \times 3!) - (2 \times 1))) \\ 285278 &:= 1 \times 2 - (3! \times (4! + (5 \times (6 - (7! + 8!/9)))))) = (9 + ((8!/7!)^6)) + ((5^4) \times (3!^2 + 1)) \\ 285279 &:= (1 + 2) - (3! \times (4! + (5 \times (6 - (7! + 8!/9)))))) = ((9 + 8) \times ((7!/6!)^5)) - (((4! - 3!)^2) - 1) \\ 285280 &:= (1 - ((2 - 3!) \times ((4 + 5!) \times 6))) + (7 \times (8! + 9)) = (9 + (8! \times 7 + (6!/5))) + ((4 \times (3!! + 2)) - 1) \\ 285281 &:= (1 + (2 \times (3!^4 \times 5!))) - (6 \times 7! - 8!/9) = (9 + 8! \times 7) - (6! - (((5^4) \times 3!) + 2 \times 1)) \\ 285282 &:= (1 \times 2 + 3!! + 4!) + (5! + (6^7 + 8!/9)) = (9 + (8! \times 7 + (6!/5))) + ((4 \times (3!! + 2)) + 1) \\ 285283 &:= (1 + (2 \times 3^4)) - ((5 \times 6! + 7! - 8!) \times 9) = (9 + 8! \times 7) + (((6 + 5!) \times 4!) + (3^2 + 1)) \\ 285284 &:= 1 \times (2 - ((3! - (4! - (5 \times 6! + 7! - 8!))) \times 9)) = ((9 \times (8! - (7! + (6! \times 5 - (4! - 3!)))))) + 2) \times 1 \\ 285285 &:= 1 + (2 - ((3! - (4! - (5 \times 6! + 7! - 8!))) \times 9)) = ((9 \times (8! - (7! + (6! \times 5 - (4! - 3!)))))) + 2) + 1 \\ 285286 &:= (1 + (2 \times 3! + ((4! \times (5! + 6)) + 7 \times 8!)) + 9) = (9 + (8! \times 7 + ((6 + 5!) \times 4!))) + (3! \times 2 + 1) \\ 285287 &:= 1 \times (2 + ((3 \times (4^5 - 6)) + 7 \times 8! - 9)) = (((9 - (8 \times ((7 - 6!) \times 5))) \times (4 + 3!)) - 2) - 1 \end{aligned}$$

$$\begin{aligned}
 285288 &:= 1 + (2 + ((3 \times (4^5 - 6)) + 7 \times 8! - 9)) &= ((9 + 8!) \times 7) - (6 - 5!) + ((4 \times (3!! - 2)) - 1) \\
 285289 &:= (1 \times 2 \times (3!! - (4 - (5! + 6!)))) + (7 \times (8! - 9)) &= (((9 - (8 \times ((7 - 6!) \times 5))) \times (4 + 3!)) - 2) + 1 \\
 285290 &:= (1 - (((2 + 3!) - 4!) \times (5^6) + 7!)) + (8! + 9) &= ((9 + 8!) \times 7) + ((6 + 5!) \times 4!) - (3!^2 + 1) \\
 285291 &:= 1 - ((2 - (3 \times 4)) \times ((5 \times ((6! - 7) \times 8)) + 9)) &= (9 + ((8! + 7) \times 6)) + (5! \times (((4 + 3!)/2) - 1)) \\
 285292 &:= (1 + ((2 + (3! \times 4)) \times 5!)) - (6 - (7 \times (8! - 9))) &= ((9 + 8!) \times 7) + ((6 + 5!) \times 4!) - (3!^2 - 1) \\
 285293 &:= (1 + 2) + ((3! + 4) \times ((5 \times ((6! - 7) \times 8)) + 9)) &= (((9 + 8!) \times 7) - (6! - (5 \times (4! + (3!! - 2)))) \times 1 \\
 285294 &:= 1 \times (2 \times (((3!! + (4! \times ((5! \times 6) - 7))) \times 8) - 9)) &= (((9 + 8!) \times 7) - (6! - (5 \times (4! + (3!! - 2)))) + 1 \\
 285295 &:= 1 + (2 \times (((3!! + (4! \times ((5! \times 6) - 7))) \times 8) - 9)) &= (((9 + 8!) \times 7) - (6 - 5!)) + (4 \times 3!! - (2 \times 1)) \\
 285296 &:= 1 - (2 - ((3!! \times 4) + (5! - (6 - (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7!/6!) + 5!) + ((4 \times (3!! - 2)) + 1) \\
 285297 &:= (((1 + 2) \times 3!^4) - 5!) - (6! - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! \times 5))) - (4! \times ((3! - 2)! - 1)) \\
 285298 &:= ((1 + 2)! \times (3 + 4! + 5!)) + (6^7 + 8!/9) &= ((9 + 8!) \times 7) + (((6! + 5 + 4!) \times (3! - 2)) - 1) \\
 285299 &:= 1 - (2 + ((3!! - ((4 \times (5 - 6!)) - (7! - 8!))) \times 9)) &= (9 \times (8! - (7! + (6! \times 5 - 4!)))) - (3!^2 + 1) \\
 285300 &:= 1 - (((2 - 3!) \times (4! + (5 + 6!))) - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6 + (5! + (4 \times (3!! - 2)))) - 1 \\
 285301 &:= (1 + (2 + 3!)) + (((4 \times (5^6)) + 7! - 8!) \times 9) &= (9 \times (8! - (7! + (6! \times 5 - 4!)))) - (3!^2 - 1) \\
 285302 &:= (1 - (((2 - 3!) \times 4) - 5!)) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + ((6! + 5!) \times 4)) - (3!!/2 + 1) \\
 285303 &:= (1 + 2) + ((3!!/4) - ((5 \times 6! + 7! - 8!) \times 9)) &= (((9 + 8!) \times 7) - 6!) - (5! \times (4 - (3!^2 - 1))) \\
 285304 &:= (1 + (2 \times (3!! - (4! - (5! + 6!)))) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) + ((6! + 5!) \times 4)) - (3!!/2 - 1) \\
 285305 &:= 1 \times (((2 + 3!) \times 4) + (5! - (6 - (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7) - 6!) + ((5 \times (4! + 3!)) + 2 \times 1) \\
 285306 &:= (1 + (((2 + 3!) \times 4) + 5!)) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - (6 - 5!)) + ((4 \times (3!! + 2)) + 1) \\
 285307 &:= 1 - (((2 - (3!!/4)) \times 5) - (6^7 + 8!/9)) &= 9 - (8 + ((7 \times 6) \times (5! - (((4!^3)/2) + 1)))) \\
 285308 &:= 1 - (2 - ((3!! \times 4) + (5! + (6 + (7 \times (8! + 9)))))) &= (9 + 8! \times 7) + (((6 + 5!) \times 4!) + 3!^2) - 1) \\
 285309 &:= ((1 + 2)! + ((3!! + 4!) \times 5)) - (6! - (7 \times (8! + 9))) &= (9 + (8! \times 7 + (6!/5))) + (4 \times (3^{(2+1)!})) \\
 285310 &:= ((1 + 2)! + ((3! \times (4! + 5)) + (6^7 + 8!/9)) &= (9 + 8! \times 7) + (((6 + 5!) \times 4!) + (3!^2 + 1)) \\
 285311 &:= 1 \times 2 - ((3 - (4! - (5 \times 6! + 7! - 8!))) \times 9) &= (9 \times (8!/7)) - (((6 - 5!) \times (4^3/2)) + 1) \\
 285312 &:= (((1 + 2)!^3 + 4!) \times 5) + ((6! + 7! + 8) \times 9) &= (((9 + 8!) \times 7!/6!) + 5!) + ((4 \times (3!! + 2)) + 1) \\
 285313 &:= (1 + ((2 + 3!) \times 4!)) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 \times (8!/7)) - (((6 - 5!) \times (4^3/2)) - 1) \\
 285314 &:= (1 + ((2 + 3!! + 4!) \times 5)) - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) + ((5 \times (4! + 3!! + 2)) + 1) \\
 285315 &:= 1 - ((2 - (3!!/4 \times 5)) - (6^7 + 8!/9)) &= (((9 + 8) \times (((7!/6!)^5) - 4!)) + 3!) - 2 \times 1 \\
 285316 &:= (1 - 2 \times 3!) + ((4! \times (5! + 6)) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6 + 5!) + ((4 \times (3!! + 2)) - 1) \\
 285317 &:= 1 \times (((2 + 3!!) \times 4) + (5! + (6 + (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7) + ((6 + 5!) \times 4!)) - (3^2 + 1) \\
 285318 &:= (1 + (((2 + 3!!) \times 4) + 5!)) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6!/5)) + ((4 \times (3!! - 2)) - 1) \\
 285319 &:= (1 - (((2 + 3!)! \times 4)/5)) + ((6 - (7! - 8!)) \times 9) &= (((9 + 8!) \times 7) + (((6 + 5!) \times 4!) - 3!)) - 2 \times 1 \\
 285320 &:= (1 + 2^3!) + ((4! \times (5! + 6)) + 7 \times 8! - 9) &= 9 - ((8 \times (((7 - (6 \times 5!)) \times 4!) - 3!!) \times 2)) + 1) \\
 285321 &:= (1 + (2^{3!+4})) - (5! - (6^7 + 8!/9)) &= 9 - (8 \times (((7 - (6 \times 5!)) \times 4!) - 3!!) \times 2 \times 1)) \\
 285322 &:= (1 + (2 \times (3!! - (4! - (5! + 6!)))) + (7 \times 8! + 9) &= 9 - ((8 \times (((7 - (6 \times 5!)) \times 4!) - 3!!) \times 2)) - 1) \\
 285323 &:= (1 \times 2 + ((3 \times (4^5 + 6)) + 7 \times 8!)) - 9 &= (9 \times (8! - (7! + (6! \times 5 - 4!)))) - (3! \times 2 + 1) \\
 285324 &:= ((1 + 2)!/3) - ((4 + (5 \times 6! + 7! - 8!)) \times 9) &= ((9 + 8) \times (((7!/6!)^5) - 4!)) + (3! \times 2 + 1) \\
 285325 &:= (1 - 2 \times 3!) + ((4! - (5 \times 6! + 7! - 8!)) \times 9) &= (9 \times (8! - (7! + (6! \times 5 - 4!)))) - ((3! \times 2) - 1) \\
 285326 &:= 1 - (2 - ((3! \times (4 \times (5! + 6))) + (7 \times (8! + 9)))) &= (9 \times (8! - (7! + (6! \times 5 - 4!)))) - (3^2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 285327 &:= (1 + ((2 + (3!/4) \times 5)) + (6^7 + 8!/9)) &= (9 + (8! - 7) \times 6) + (5! \times ((4 + 3!)/2 \times 1)) \\
 285328 &:= (1 - (((2 - 3) - 4!) \times (5! + 6))) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) - (((6^5 - 4!^3)/2) - 1) \\
 285329 &:= (1 - 2 \times 3!) \times ((4 \times (5 \times 6! - 7)) - 8! + 9) &= 9 - (8 \times (((7 - (6 \times 5!)) \times 4!) - 3!) \times 2) - 1) \\
 285330 &:= 1 \times 2 \times (((3! + (4! \times ((5! \times 6) - 7))) \times 8) + 9) &= (9 - ((8 \times ((7 - 6!) \times 5)) - 4)) \times (3^2 + 1) \\
 285331 &:= ((1 + 2)!!/3) - ((4 \times (5 - 6!)) - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) - (6! - (((5^4) \times 3!) - (2 \times 1))) \\
 285332 &:= ((1 + 2 \times 3!) \times (4 - (5 \times (6! - 7!)))) + 8!/9 &= ((9 \times (8! - (7! + (6! \times 5 - 4!)))) - 3!) + (2 \times 1) \\
 285333 &:= (1 - 2) \times (3 - ((4! - (5 \times 6! + 7! - 8!)) \times 9)) &= (((9 + 8!) \times 7) + (6 \times ((5^4) - ((3 + 2)!))) \times 1 \\
 285334 &:= 1 \times (((2 + 3!) - (4! \times (5 + 6))) \times (7 \times 89)) &= (((9 + 8!) \times 7) + (6!/5)) + ((4 \times (3! + 2)) - 1) \\
 285335 &:= 1 \times 2 - (3 - ((4! - (5 \times 6! + 7! - 8!)) \times 9)) &= (9 \times (8! - (7! + (6! \times 5)))) + ((4! \times (3^2)) - 1) \\
 285336 &:= (1 \times 2 + 3!)! + (4! \times (5! - (6 \times 7! - 8! - 9))) &= ((9 + (8! + 7)) \times 6) + (5! \times (((4 + 3!)/2) - 1)) \\
 285337 &:= (1 + (2 + 3!)!) + (4! \times (5! - (6 \times 7! - 8! - 9))) &= (9 \times (8! - (7! + (6! \times 5)))) + ((4! \times (3^2)) + 1) \\
 285338 &:= (1 + 2^{3!}) + ((4! \times (5! + 6)) + (7 \times 8! + 9)) &= 9 - (8 - (((7! + (6 + (5! \times 4!))) \times (3!^2)) + 1)) \\
 285339 &:= (1 + 2)! - (3 - ((4! - (5 \times 6! + 7! - 8!)) \times 9)) &= ((9 \times (8! - (7! + (6! \times 5 - 4!)))) + (3! - 2)) - 1 \\
 285340 &:= (1 + (2 \times 3! + (4! \times (5! + 6)))) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + ((6 + 5!) \times 4!)) + (3! \times 2 + 1) \\
 285341 &:= 1 - (2 - (3! + ((4! - (5 \times 6! + 7! - 8!)) \times 9))) &= ((9 \times (8! - (7! + (6! \times 5 - 4!)))) + (3! - 2)) + 1 \\
 285342 &:= ((1 + 2) + ((3 \times (4^5 + 6)) + 7 \times 8!)) + 9 &= ((9 \times (8! - (7! + (6! \times 5 - 4!)))) + 3!) \times (2 - 1) \\
 285343 &:= (1 \times 2 \times (3! - (4 - (5! + 6!)))) + (7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) + ((5! + 4) \times ((3! - 2)! + 1)) \\
 285344 &:= 1 \times (2 + (3! + ((4! - (5 \times 6! + 7! - 8!)) \times 9))) &= ((9 + 8! \times 7) - ((6 - 5!) \times 4!)) + (3!/2 - 1) \\
 285345 &:= 1 + (2 + (3! + ((4! - (5 \times 6! + 7! - 8!)) \times 9))) &= (((9 \times 8) + 7) \times (6! \times 5 + 4 \times 3)) - 2 - 1 \\
 285346 &:= (1 + ((2 + (3! \times 4)) \times 5!)) - (6 - (7 \times 8! - 9)) &= (9 \times (8! - (7! + (6! \times 5 - 4!)))) + 3^2 + 1 \\
 285347 &:= 1 \times (2 - (((3 \times (4! \times 5! - 6)) - (7 + 8!)) \times 9)) &= (9 \times (8! - (7! + (6! \times 5 - 4!)))) + ((3! \times 2) - 1) \\
 285348 &:= 1 + (2 - (((3 \times (4! \times 5! - 6)) - (7 + 8!)) \times 9)) &= (((9 \times 8) + 7) \times 6) \times ((5^4) - ((3! - 2)! - 1)) \\
 285349 &:= 1 + 2 \times 3! + ((4! - (5 \times 6! + 7! - 8!)) \times 9) &= (9 \times (8! - (7! + (6! \times 5 - 4!)))) + (3! \times 2 + 1) \\
 285350 &:= (1 + 2^{3!}) \times (4! - (5! - (6 + (7! \times 8/9)))) &= (((9 + 8!) \times 7) + ((6 + 5!) \times 4!)) + ((3! - 2)! - 1) \\
 285351 &:= (1 - 2 \times 3!) \times (4! - (5 \times (6! - (7 - 8!/9)))) &= (((9 + 8!) \times 7) + (6! \times 5)) - (4! \times ((3! - 2)! - 1)) \\
 285352 &:= (1 + (2 \times (3! + (4! \times ((5 + 6!) \times 7)))) + (8! - 9) &= 9 + ((8 + ((7! + (6 + (5! \times 4!))) \times (3!^2))) - 1) \\
 285353 &:= 1 - (2 + (((3! - 4) \times 5) - (6 - (7! - 8!)) \times 9)) &= ((9 + 8!) \times 7) + (((6 + 5!) - 4) \times ((3! - 2)! + 1)) \\
 285354 &:= (1 + 2)! \times ((3! \times (4! \times 5!)) + ((6 \times (7! + 8)) - 9)) &= (((9 + ((8 \times (7 + 6!)) + 5!)) \times 4!) - 3) \times 2 \times 1 \\
 285355 &:= (((1 + 2) \times 3!! + 4^5) - 6) + (7 \times (8! - 9)) &= (9 + 8! \times 7 + 6) + ((5! + 4) \times ((3! - 2)! + 1)) \\
 285356 &:= 1 - (2 - ((3 \times (4^5 - 6)) + (7 \times (8! + 9)))) &= (9 \times (8! - (7! - (6 + (5 \times (4 - 3!)))))) + (2 \times 1) \\
 285357 &:= (1 + 2) - (((3! - 4) \times 5) - (6 - (7! - 8!)) \times 9) &= ((9 + 8) \times ((7!/6!)^5)) - ((4 + 3!)/2 \times 1) \\
 285358 &:= (1 + ((2 + (3! \times 4)) \times 5!)) + ((6 + 7 \times 8! - 9) &= ((9 + 8) \times (7^{6-5+4})) - (3!/2 + 1) \\
 285359 &:= (1 \times 2 \times (3! + (4 + (5! + 6!)))) + (7 \times 8! - 9) &= (9 \times (8! - (7! + (6! \times 5 - 4!)))) + ((3! - 2)! - 1) \\
 285360 &:= ((1 + 2)!^3) + (4! - ((5 \times 6! + 7! - 8!) \times 9)) &= (9 + 8! \times 7) + (((6! + (5! - (4 - 3!))) \times 2) - 1) \\
 285361 &:= 1 \times (2 \times 3!! + (4^5 + (6! + (7 \times (8! - 9)))) &= 9 + 8! - 7 - (6! - ((5! \times (4^{3!}/2)) - 1)) \\
 285362 &:= 1 - (2 - (((3 + 4!) - (5 \times 6! + 7! - 8!)) \times 9)) &= ((9 + 8!) \times 7) + (((6 + 5!) \times 4!) + 3!^2) - 1) \\
 285363 &:= (1 + 2) \times ((3 \times (4! - (5 \times 6! + 7! - 8!)) + 9) &= 9 + 8! - 7 - (6! - ((5! \times (4^{3!}/2)) + 1)) \\
 285364 &:= (1 + ((2 + (3! \times 4)) \times 5!)) - (6 - (7 \times 8! + 9)) &= ((9 \times (8! - (7! + (6! \times 5 - (4! + 3)))) + 2) - 1 \\
 285365 &:= 1 \times (2 + (((3 + 4!) - (5 \times 6! + 7! - 8!)) \times 9)) &= (((9 + ((8 \times (7 + 6!)) + 5!)) \times 4!) + 3) \times 2 - 1
 \end{aligned}$$

$$\begin{aligned}
 285366 &:= 1 \times (2 \times (3 + (4! \times (5! + (((6! + 7) \times 8) + 9)))))) &= (((((9 + ((8 \times (7 + 6!)) + 5!)) \times 4!) + 3) \times 2) \times 1 \\
 285367 &:= 1 + (2 \times (3 + (4! \times (5! + (((6! + 7) \times 8) + 9)))))) &= (((((9 + ((8 \times (7 + 6!)) + 5!)) \times 4!) + 3) \times 2) + 1 \\
 285368 &:= 1 - (2 - ((3 \times 4^5) - (6 - (7 \times (8! + 9)))))) &= ((9 + 8! \times 7) - 6!) - ((5! \times (4 - 3!^2)) + 1) \\
 285369 &:= ((1 \times 2 \times 3!^4) - 5!) + (6! + (7 \times (8! - 9))) &= (9 + 8! - 7!/6) + (5! \times (4^{3!}/2 + 1)) \\
 285370 &:= ((1 + (2 \times 3!^4)) - (5! - 6!)) + (7 \times (8! - 9)) &= ((9 + 8! \times 7) - 6!) - ((5! \times (4 - 3!^2)) - 1) \\
 285371 &:= (1 - ((2 - 3!) \times (4! - 5))) + (6 \times ((7! - 8) \times 9)) &= (9 \times (8! - (7! + (6! \times 5 - 4!)))) + (3!^2 - 1) \\
 285372 &:= 1 + ((2 + (3 \times 4^5)) - (6 - (7 \times (8! + 9)))) &= (9 \times (8 - (7! - (6 + ((5 + 4!) \times 3!)))) \times 2 \times 1 \\
 285373 &:= ((1 - (2 + 3!)) \times 4) + (5 \times 6! + (7 \times 8! + 9)) &= (9 \times (8! - (7! + (6! \times 5 - 4!)))) + 3!^2 + 1 \\
 285374 &:= ((1 + ((2 + 3!) \times 4)) \times 5) + (6! + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + ((5! \times ((4 \times 3!) + 2)) - 1) \\
 285375 &:= ((1 + 2)! + 3!) - ((4 \times (5! - 6!)) - (7 \times 8! + 9)) &= (9 + (8! + 7)) - (6! - ((5! \times (4^{3!}/2)) - 1)) \\
 285376 &:= (1 + ((2 + (3! \times 4)) \times 5!)) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + ((5! \times ((4 \times 3!) + 2)) + 1) \\
 285377 &:= (1 + (2^{3!} \times 4)) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 + (8! + 7)) - (6! - ((5! \times (4^{3!}/2)) + 1)) \\
 285378 &:= 1 + ((2 \times (3!! + (4 + (5! + 6!)))) + (7 \times 8! + 9)) &= (9 + 8! \times 7) - (6 - (((5! - 4^3)^2) - 1)) \\
 285379 &:= ((1 + 2)!^3) - ((4 \times (5 - 6!)) - (7 \times (8! + 9))) &= (9 + 8! \times 7) - (6 - ((5! - 4^3)^2 \times 1)) \\
 285380 &:= ((1 + 2^{3!}) \times 4) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 + 8! \times 7) - (6 - (((5! - 4^3)^2) + 1)) \\
 285381 &:= (((1 + 2)!!/3) \times 4) + (5 + (6^7 + 8!/9)) &= ((9 + 8) + 7!/6) \times ((5 + 4) \times (3!^2 + 1)) \\
 285382 &:= 1 \times ((2 \times (3 + (4 \times 5!))) + (6^7 + 8!/9)) &= ((9 + 8!) \times 7) - (((6 - 5!) \times (4! + 3)) - (2 - 1)) \\
 285383 &:= 1 + ((2 \times (3 + (4 \times 5!))) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - ((6 - 5!) \times (4! + 3))) + (2 \times 1) \\
 285384 &:= (1 + 2)! \times (3!! \times 4! + ((5 + (6 \times (7! + 8))) - 9)) &= (((((9 \times (8 - 7!))/6) \times (5 - 4!)) - 3!) \times 2 \times 1 \\
 285385 &:= ((1 + (2 \times (3!! \times 4 - 5!))) + 6^7) - 8 \times 9 &= (9 + 8! \times 7) + ((6 + (5 \times (4 + 3!)))^2 \times 1) \\
 285386 &:= ((1 + (23^4)) - (5! + 6)) + ((7!/8) \times 9) &= (9 + 8! \times 7) + (((6 + (5 \times (4 + 3!)))^2) + 1) \\
 285387 &:= ((1 + 2)!) + ((3! \times (((4^5 - 6) \times 7) + 8!)) - 9) &= ((9 \times (((8!/7 + 6) \times 5) + (4 \times 3!))) - 2) - 1 \\
 285388 &:= 1 \times ((2 \times (3! + (4 \times 5!))) + (6^7 + 8!/9)) &= ((9 \times (((8!/7 + 6) \times 5) + (4 \times 3!))) - 2) \times 1 \\
 285389 &:= (1 + 2 \times 3!) \times (((4! \times (5! - 6)) + 7) \times 8) + 9 &= ((9 \times (((8!/7 + 6) \times 5) + (4 \times 3!))) - 2) + 1 \\
 285390 &:= ((1 + 2) \times (3! + 4!)) \times ((5 \times (6 + 7!/8)) - 9) &= ((9 + 8! \times 7 + 6) + ((5! - 4^3)^2)) - 1 \\
 285391 &:= 1 - (((2 \times (((3 - 4!) \times 5) + 6!) \times 7) - 8!) \times 9) &= ((9 + 8! \times 7 + 6) + ((5! - 4^3)^2)) \times 1 \\
 285392 &:= ((1 + (2 \times ((3!^4 \times (5! - 6)) - 7!))) - 8) - 9 &= ((9 + 8! \times 7 + 6) + ((5! - 4^3)^2)) + 1 \\
 285393 &:= (1 + 2) + ((3! + (4! - (5 \times 6! + 7! - 8!))) \times 9) &= ((9 \times (((8!/7 + 6) \times 5) + (4 \times 3!))) + 2) + 1 \\
 285394 &:= (((1 + 2) \times 3!^4) - (5 + 6! - (7 \times 8!))) - 9 &= (((9 + 8) \times ((7!/6!)^5)) - ((4! - 3!)^2)) - 1 \\
 285395 &:= 1 - (2 + (3! \times (4 + (5 \times (6 - (7! + 8!/9)))))) &= (((9 + 8) \times ((7!/6!)^5)) - ((4! - 3!)^2)) \times 1 \\
 285396 &:= 1 + (2 + ((3 \times (4^5 + 6)) + (7 \times (8! + 9)))) &= (((9 + 8) \times ((7!/6!)^5)) - ((4! - 3!)^2)) + 1 \\
 285397 &:= 1 \times ((23^4) - (5! - (6 + ((7!/8) \times 9)))) &= (((9 + 8!) \times 7) - 6) + ((5! + 4) \times ((3! - 2)! + 1)) \\
 285398 &:= 1 \times (2 - (3! \times (4 + (5 \times (6 - (7! + 8!/9)))))) &= (((9 + 8!) \times 7) - ((6 - 5!) \times 4!)) + (3!!/2 - 1) \\
 285399 &:= 1 + (2 - (3! \times (4 + (5 \times (6 - (7! + 8!/9)))))) &= (((9 + 8!) \times 7) + (6!/5 \times 4!)) - (3!!/2 \times 1) \\
 285400 &:= ((1 + 2 \times 3!) \times 4^5) + ((6 \times 7! - 8) \times 9) &= (((9 + 8!) \times 7) + (6!/5 \times 4!)) - (3!!/2 - 1) \\
 285401 &:= (1 + 2^{3!}) + ((4! - (5 \times 6! + 7! - 8!)) \times 9) &= ((9 - 8) - 7 \times 6) \times ((5 \times ((4! - 3!)) \times 2)) - 1) \\
 285402 &:= (1 + 2)! - (3! \times (4 + (5 \times (6 - (7! + 8!/9)))))) &= (9 - 87) \times (6 - (5 \times (4 + (3^{(2+1)!})))) \\
 285403 &:= ((1 + 2)!!/3) - ((4 \times (5 - 6!)) - (7 \times (8! + 9))) &= 9 + ((8! \times 7 + ((6 + 5^4) \times (3 + 2))) - 1)
 \end{aligned}$$

$$\begin{aligned}
 285404 &:= ((1+2) \times 3!^4) + 5) - (6! - (7 \times 8! - 9)) &= ((9+8! \times 7) + ((6+5^4) \times (3+2))) \times 1 \\
 285405 &:= ((1+2)!)! + ((3! \times ((4^5 - 6) \times 7) + 8!)) + 9 &= (((9+8) \times (((7!/6!)^5) + 4!)) - 3!!) - 2 \times 1 \\
 285406 &:= 1 \times (2 \times ((3!^4 \times (5! - 6)) - (7! - 8 + 9))) &= (((9+8) \times (((7!/6!)^5) + 4!)) - 3!!) - (2 - 1) \\
 285407 &:= 1 - (2 - ((3!! \times (4! - 5)) + (6 \times ((7! - 8) \times 9)))) &= (9 + 8! \times 7) + (6! \times 5 - (((4! - 3!)^2) + 1)) \\
 285408 &:= (((1 \times 2 + 3!) \times (4 + 5!)) + 6^7) + 8!/9 &= (((9+8) \times (((7!/6!)^5) + 4!)) - 3!!) + (2 - 1) \\
 285409 &:= (1 + 2 \times 3! \times 4!) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 + 8! \times 7) + (6! \times 5 - (((4! - 3!)^2) - 1)) \\
 285410 &:= ((1 + (2 \times ((3!^4 \times (5! - 6)) - 7!))) - 8) + 9 &= (((9 - (8 \times (7 - 6!))) \times 5) - 4!) \times (3^2 + 1) \\
 285411 &:= 1 + (2 \times ((3!^4 \times (5! - 6)) - (7! + (8 - 9)))) &= (9 + ((8! + 7) \times 6)) + (5! \times ((4 + 3!)/2 \times 1)) \\
 285412 &:= (((1+2) \times 3!^4) - (5 + 6! - (7 \times 8!))) + 9 &= (9 + ((8! + 7) \times 6)) + ((5! \times ((4 + 3!)/2)) + 1) \\
 285413 &:= 1 \times ((2 + ((3 + 4!) \times 5!)) - (6 - (7 \times (8! - 9)))) &= ((9 + 8 \times 7!) \times 6) + ((5! \times ((4 + 3!)/2)) - 1) \\
 285414 &:= 1 + ((2 + ((3 + 4!) \times 5!)) - (6 - (7 \times (8! - 9)))) &= ((9 + 8!) \times 7) + (((6! + (5! - (4 - 3!))) \times 2) - 1) \\
 285415 &:= (1 \times 2 \times (3!! - (4 - (5! + 6!)))) + (7 \times (8! + 9)) &= ((9 + 8 \times 7!) \times 6) + ((5! \times ((4 + 3!)/2)) + 1) \\
 285416 &:= ((1 + 2 \times 3!!) + (4^5 + 6!)) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6) + ((5! \times ((4 \times 3!) + 2)) - 1) \\
 285417 &:= (((1+2)^3) \times (4 + 5! - 6)) + (7 \times 8! - 9) &= (9 - ((8 \times (7! + 6!))/5)) \times (4 - (3!^2 - 1)) \\
 285418 &:= ((1 + 2 \times 3!) \times 4^5) + (6 \times (7! + 8! - 9)) &= (((9 + 8!) \times 7) - 6) + ((5! \times ((4 \times 3!) + 2)) + 1) \\
 285419 &:= ((1 - 2 \times 3!) \times ((4 \times (5 \times 6! - 7)) - 8!)) - 9 &= (((9 + 8!) \times 7) + (6! \times 5)) - (4 \times (((3 + 2)! + 1)) \\
 285420 &:= (1 + 2) \times ((3! + 4)^5 + (((6! - 7!)/8) \times 9)) &= (((9 + 8!) \times 7) + ((6! - 5!) \times 4)) + (3!! - 2 - 1) \\
 285421 &:= ((1 + 2) \times 3!! + (4^5 + 6)) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) + ((6! - 5!) \times 4)) + (3!! - (2 \times 1)) \\
 285422 &:= 1 - (2 - (3!! - ((4 \times (5! - 6!)) - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - 6!) - ((5! \times (4 - 3!^2)) + 1) \\
 285423 &:= ((1 \times 2 \times 3!^4) - 5!) + (6! + 7 \times 8! - 9) &= (9 + 8! \times 7) - ((6 - (5! + 4!)) \times ((3! - 2)! - 1)) \\
 285424 &:= ((1 + (2 \times 3!^4)) - (5! - 6!)) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6!) - ((5! \times (4 - 3!^2)) - 1) \\
 285425 &:= ((1 \times 2 \times ((3!^4 \times (5! - 6)) - 7!)) + 8) + 9 &= (((9 + 8!) \times 7) + ((6! - 5!) \times 4)) + (3!! + 2 \times 1) \\
 285426 &:= 1 \times 2 \times (((3 \times 4!) + 5!) \times 6! - (7 - 8!/9)) &= (9 \times (8!/7)) - ((6 - 5!) \times (4^3/2 + 1)) \\
 285427 &:= 1 \times (((2 + 3!!) \times 4) + (5 + 6!)) \times (7 + 8 \times 9) &= (((9 + 8) \times (((7!/6!)^5) + 4)) - 3!!/2) \times 1 \\
 285428 &:= 1 + (((2 + 3!!) \times 4) + (5 + 6!)) \times (7 + 8 \times 9) &= (((9 + 8!) \times 7) + 6) + ((5! \times ((4 \times 3!) + 2)) - 1) \\
 285429 &:= ((1 - 2 \times 3!) + (4^5 + 6^7)) + 8!/9 &= (9 + (8! \times 7 + 6!)) - ((5! - ((4 + 3)!)/2 \times 1) \\
 285430 &:= (1 + ((2 + (3! \times 4)) \times 5!)) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) + ((5! \times ((4 \times 3!) + 2)) + 1) \\
 285431 &:= (1 \times 2 \times (3!! + (4 + (5! + 6!)))) + (7 \times (8! + 9)) &= (9 - (8 \times 7)) \times ((6! + 5!) - (((4!^3)/2) + 1)) \\
 285432 &:= ((1 + 2 \times 3!) \times 4!) - ((5 \times 6! + 7! - 8!) \times 9) &= ((9 + 8!) \times 7) - (6 - (((5! - 4^3)^2) - 1)) \\
 285433 &:= ((1 \times 2^{3 \times 4}) - (5! + 6!)) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) - (6 - ((5! - 4^3)^2 \times 1)) \\
 285434 &:= ((1 + 2 \times 3!!) + (4^5 + 6!)) + (7 \times 8! + 9) &= ((9 + 8!) \times 7) - (6 - (((5! - 4^3)^2) + 1)) \\
 285435 &:= (1 \times 2^{3!+4}) - (5 - (6^7 + 8!/9)) &= (((9 \times 8) + 7) \times (6! \times 5 + 4)) + (3!! - (2 - 1)) \\
 285436 &:= (1 + (2^{3!+4})) - (5 - (6^7 + 8!/9)) &= (((9 \times 8) + 7) \times (6! \times 5 + 4)) + ((3 + (2 + 1)))! \\
 285437 &:= ((1 - 2 \times 3!) \times ((4 \times (5 \times 6! - 7)) - 8!)) + 9 &= (((9 \times 8) + 7) \times (6! \times 5 + 4)) + 3!! + 2 - 1 \\
 285438 &:= 1 \times (2 + (3!! + ((4 + 5 \times 6!) \times (7 + 8 \times 9)))) &= (((9 + 8!) \times 7) + ((6 + (5 \times (4 + 3!)))^2)) - 1 \\
 285439 &:= 1 \times 2 - (3 - (4^5 + (6^7 + 8!/9))) &= (9 + ((8!/7 + (6! + 5)) \times 4)) \times ((3! \times 2) - 1) \\
 285440 &:= (((1 + (2 \times (3!! \times 4 - 5!))) + 6^7) - 8) - 9 &= (9 + 8! \times 7) - (((6 - 5!) \times (4 + (3! - 2)!)) + 1) \\
 285441 &:= (1 + ((2^{3!} + 4!) \times (5 \times 6!))) - (7 \times 8!/9) &= ((9 \times ((8!/7 + (6 - (5! \times 4))) \times 3!)) - 2) - 1
 \end{aligned}$$

$$\begin{aligned} 285442 &:= ((1 + (2 \times 3!^4)) - (5! - 6!)) + (7 \times 8! + 9) &= ((9 \times ((8!/7 + (6 - (5! \times 4))) \times 3!)) - 2) \times 1 \\ 285443 &:= 1 - (2 - (3! \times (4 - (5 \times (6 - (7! + 8!/9)))))) &= ((9 \times ((8!/7 + (6 - (5! \times 4))) \times 3!)) - 2) + 1 \\ 285444 &:= 1 \times 2 \times (3 \times (4 - (5 \times (6 - (7! + 8!/9)))))) &= (((9 + 8!) \times 7) + 6) + ((5! - 4^3)^2) - 1 \\ 285445 &:= 1 - ((2 - 3!) - (4^5 + (6^7 + 8!/9))) &= (((9 + 8!) \times 7) + 6) + ((5! - 4^3)^2) \times 1 \\ 285446 &:= (1 + (2^{3!+4})) + (5 + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6) + ((5! - 4^3)^2) + 1 \\ 285447 &:= (1 + ((2 + 3!) \times 4!)) \times (5! + (6! + (7!/8 + 9))) &= (9 + (8! - 7) \times 6) + (5! \times ((4 + 3!)/2 + 1)) \\ 285448 &:= (((1 - (2 \times (3!! \times 4! + 5!))) + 6^7) + 8!) - 9 &= (9 + 8! \times 7) + (((6! \times 5!)/(4! + 3)) - (2 - 1)) \\ 285449 &:= 1 - (2 + ((3! + 4!) \times (5 - ((6! \times 7) + 8!/9)))) &= 9 - (((8 \times ((7 - 6!) \times 5)) - 4!) \times (3^2 + 1)) \\ 285450 &:= (((1 + 2)! \times 3^4) - (5 \times (6 - ((7! + 8) \times 9)))) &= 9 - (8 - (((7! - 6! + 5) \times ((4^3) + 2)) - 1)) \\ 285451 &:= 12 + ((3 + 4) \times (((56 + 7!) \times 8) + 9)) &= (9 + (8! \times 7 + ((6! \times 5!)/(4! + 3)))) + (2 \times 1) \\ 285452 &:= 1 \times 2 - ((3! + 4!) \times (5 - ((6! \times 7) + 8!/9))) &= 9 - 8 + (((7! - 6! + 5) \times ((4^3) + 2)) + 1) \\ 285453 &:= (1 - 2^{3!}) \times (4! + (5 - ((6! + 7! \times 8)/9))) &= (((98 \times (7 + 6!)) + 5!) \times 4) - (3! \times 2) + 1 \\ 285454 &:= 1 \times (2 \times (((3 \times 4!) + 5!) \times 6!) + (7 + 8!/9))) &= ((9 + 8!) \times 7) + (((6 + 5!) \times (4! + (3 - 2))) + 1) \\ 285455 &:= 1 + (2 \times (((3 \times 4!) + 5!) \times 6!) + (7 + 8!/9))) &= ((9 \times (8! - (7! + (6! \times 5)))) - 4!) + (3!/2 - 1) \\ 285456 &:= ((1 + (2 \times (3!! \times 4 - 5!))) + (6^7 + 8)) - 9 &= ((9 \times 8) + 7!/6) \times (5! + ((4! \times (3! + 2)) + 1)) \\ 285457 &:= (1 + (2 \times (3!! \times 4 - 5!))) - (6^7 \times (8 - 9)) &= ((9 \times (8! - (7! + (6! \times 5)))) - 4!) + (3!/2 + 1) \\ 285458 &:= (((1 + (2 \times (3!! \times 4 - 5!))) + 6^7) - 8) + 9 &= ((9 + 8!) \times 7) + ((6 + 5^4) \times ((3 + 2) \times 1)) \\ 285459 &:= 1 + (2 - (3! \times 4! - ((5 \times 6) \times (7! + 8!/9)))) &= 9 - (((8 \times (7 - 6!)) - 5) \times (((4 + 3)^2) + 1)) \\ 285460 &:= (1 + (((23 \times 4!) - 5) \times 6)) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) + ((6 + 5) \times ((4! \times 3! \times 2) - 1)) \\ 285461 &:= 1 - ((2 - (34 \times 5!)) \times ((6! \times 7)/(8 \times 9))) &= ((9 + 8!) \times 7) + (6! \times 5 - (((4! - 3)^2) + 1)) \\ 285462 &:= (((1 + 2)! \times 3^4) + ((5 \times (6 + 7!)) + 8) \times 9) &= ((9 + 8) \times ((7!/6!)^5)) - ((4^{3! - 2}) + 1) \\ 285463 &:= ((1 + 2 \times 3!) \times 4^5) + ((6 \times (7! + 8!)) - 9) &= ((9 + 8!) \times 7) + (6! \times 5 - (((4! - 3)^2) - 1)) \\ 285464 &:= 1 - (2 - (((3 + 4!) \times 5!) - (6 - (7 \times 8! - 9)))) &= (9 + (8! \times 7 + (6! \times 5 - 4))) - (3!/2 + 1) \\ 285465 &:= (((1 + 2) + 3!) \times (4! - 5)) + (6 \times ((7! - 8) \times 9)) &= (9 + (8! \times 7 + (6! \times 5 - 4))) - (3!/2 \times 1) \\ 285466 &:= (((1 - (2 \times (3!! \times 4! + 5!))) + 6^7) + 8!) + 9 &= (9 + (8! \times 7 + (6! \times 5 - 4))) - (3!/2 - 1) \\ 285467 &:= 1 \times ((2 + ((3 + 4!) \times 5!)) - (6 - (7 \times 8! - 9))) &= (9 \times (8! - (7! + (6! \times 5)))) - (((4! - 3!)/2) + 1) \\ 285468 &:= 1 + ((2 + ((3 + 4!) \times 5!)) - (6 - (7 \times 8! - 9))) &= (9 + (8! \times 7 + ((6! - 5) \times 4))) + (3!/2 - 1) \\ 285469 &:= 1 \times (((2 + 3!)! + ((4 \times 5!) - 6)) \times 7) - 89 &= (9 \times (8! - (7! + (6! \times 5)))) - (((4! - 3!)/2) - 1) \\ 285470 &:= (1 - 2 - ((3 - 4!) \times 5!)) + (6! + 7 \times 8! - 9) &= (9 + (8! \times 7 + ((6! - 5) \times 4))) + (3!/2 + 1) \\ 285471 &:= ((1 + 2)!^3) + ((4! \times (5! + 6)) + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6^5)) - ((4!^3)/(2 + 1)) \\ 285472 &:= (((1 - 2 \times 3!) \times (4! - 5!)) + 6^7) + 8!/9 &= (9 \times (8! - 7!)) + (6! - ((5 + (4! + 3))^{2+1})) \\ 285473 &:= 1 \times 2 + (((3 \times ((4 \times (5 - 6!)) - 7)) + 8!) \times 9) &= (((98 \times (7 + 6!)) + 5!) \times 4) + (3! + 2) + 1 \\ 285474 &:= ((1 + (2 \times (3!! \times 4 - 5!))) + (6^7 + 8)) + 9 &= ((9 + 8! \times 7) - 6) + ((5 + 4) \times (3!/2 - 1)) \\ 285475 &:= 1 \times (((2 + 3!) \times 4) - 5) \times (6! - (7 \times (8 + 9))) &= ((9 \times (8! - (7! + (6! \times 5)))) - 4) + (3!/2 - 1) \\ 285476 &:= (((1 + 2) \times 3!^4) + 5) - (6! - (7 \times (8! + 9))) &= (9 + (8! \times 7 + (6! \times 5))) - (((4! + 3!)/2) + 1) \\ 285477 &:= (1 + 2)! + (((3 \times ((4 \times (5 - 6!)) - 7)) + 8!) \times 9) &= ((9 \times (8! - (7! + (6! \times 5)))) - 4) + (3!/2 + 1) \\ 285478 &:= (1 + (23 \times (4! + (5! - 6)))) + (7 \times (8! + 9)) &= (9 + (8! \times 7 + (6! \times 5))) - (((4! + 3!)/2) - 1) \\ 285479 &:= (1 \times 2 + ((3 + 4!) \times 5! + 6)) + (7 \times 8! - 9) &= ((9 \times (8! - (7! + (6! \times 5)))) - ((4 - 3!)/2)) + 1 \\ 285480 &:= (1 + ((2 \times (3!^4 - 5)) + 6!)) + (7 \times (8! - 9)) &= (9 \times (8 + (7! + ((6! \times 5 + 4) \times 3)))) \times 2 \times 1 \end{aligned}$$

$$\begin{aligned}
 285481 &:= (1 + ((2 \times 3!)/4)) - ((5 \times 6! + 7! - 8!) \times 9) &= ((9 \times (8! - (7! + (6! \times 5)))) + ((4 + 3!)/2)) - 1 \\
 285482 &:= 1 \times 2 + (((3! \times 4) + (5 \times (6! + 7! + 8))) \times 9) &= 9 + 8! - 7 - (6! - (5! \times (4^{3!}/2 + 1))) \\
 285483 &:= (1 + 2) + (((3! \times 4) + (5 \times (6! + 7! + 8))) \times 9) &= ((9 \times (8! - (7! + (6! \times 5)))) + 4) + (3!/2 - 1) \\
 285484 &:= 1 \times ((2 \times 3!^4) - (5 - (6! + (7 \times (8! - 9)))) &= (9 + (8! \times 7 + (6! \times 5 - 4))) - (3!/2 + 1) \\
 285485 &:= 1 \times ((2 + ((3 + 4!) \times 5!)) - (6 - (7 \times 8! + 9))) &= ((9 \times (8! - (7! + (6! \times 5)))) + 4) + (3!/2 + 1) \\
 285486 &:= 1 + ((2 + ((3 + 4!) \times 5!)) - (6 - (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! \times 5 - 4))) - (3!/2 - 1) \\
 285487 &:= (1 \times 2 \times (3! \times 4! - 5^6)) + (7 \times (8! - 9)) &= (9 + (8! \times 7 + 6!)) + ((5! \times (4! - 3)) - (2 \times 1)) \\
 285488 &:= 1 - ((2 + ((3 - 4!) \times 5!)) - (6! + (7 \times 8! + 9))) &= ((9 + 8! \times 7) - 6!) + ((5! \times (4! + 3^2)) - 1) \\
 285489 &:= ((1 + 2)^{3!+4}) + (5 \times ((6! \times 7 - 8) \times 9)) &= ((9 + 8! \times 7) - 6!) - (5! \times (4 - (3!^2 + 1))) \\
 285490 &:= (1 - ((2 \times 3!)/4)) + (5 \times 6! + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) + ((5! \times (4! + 3^2)) + 1) \\
 285491 &:= (1 \times 2 - (((3 - 4!) \times 5!) - (6! + 7 \times 8!))) + 9 &= (9 \times (8! - (7! + (6! \times 5)))) + (((4! + 3!)/2) - 1) \\
 285492 &:= ((1 + 2) - ((3 - 4!) \times 5!)) + (6! + (7 \times 8! + 9)) &= (((9 \times (8 + 7!))/6) + (5! + 4!)) \times (3!^2 + 1) \\
 285493 &:= ((1 + ((2 + 3!)! + ((4 \times 5!) - 6))) \times 7) - 8 \times 9 &= (9 \times (8! - (7! + (6! \times 5)))) + (((4! + 3!)/2) + 1) \\
 285494 &:= 1 - (2 - (((3 + 4!) \times 5!) + (6 + (7 \times 8! + 9)))) &= (9 + (8! \times 7 + (6! \times 5 + (4 - 3!/2)))) + 1 \\
 285495 &:= (1 + ((2 \times 3!^4) + 5)) + (6! + (7 \times (8! - 9))) &= (9 + (8! \times 7 + (6 + (5! \times 4!)))) + (3!/2 \times 1) \\
 285496 &:= 1 - (((2 - (3! + 4!)) \times (5! - 6)) - (7 \times (8! + 9))) &= (9 + (8! + 7)) - (6! - (5! \times (4^{3!}/2 + 1))) \\
 285497 &:= (1 \times 2 + (((3 + 4!) \times 5!) + 6)) + (7 \times 8! + 9) &= 9 \times 8 - (7 \times (((6 - 5!) \times 4) - ((3! + 2)! - 1))) \\
 285498 &:= ((1 + 2) + (((3 + 4!) \times 5!) + 6)) + (7 \times 8! + 9) &= ((9 + 8) \times ((7 \times (6! + (5! \times 4))) - 3)) \times 2 \times 1 \\
 285499 &:= ((1 \times 2 \times (3!^4 + 5)) + 6!) + (7 \times (8! - 9)) &= ((9 + 8! \times 7) - 6!) - (5! - (4^{3!} - (2 + 1)!)) \\
 285500 &:= (1 + ((2 \times (3!^4 + 5)) + 6!)) + (7 \times (8! - 9)) &= (9 + (8! \times 7 + (6! \times 5))) + (((4! - 3!)/2) - 1) \\
 285501 &:= ((1 + 2)! \times (3!/4)) + (5 + (6^7 + 8!/9)) &= 9 - (((8 \times 7) - (6^5 - 4)) \times (3!^2 + 1)) \\
 285502 &:= (((1 \times 2 + 3!)! - ((4! + 5) \times 6)) \times 7) + 8!/9 &= (9 + (8! \times 7 + (6! \times 5))) + (((4! - 3!)/2) + 1) \\
 285503 &:= (((1 - 23) \times (4 - 5!)) + (6! + 7 \times 8!)) - 9 &= ((9 \times (8! - (7! + (6! \times 5)))) + 4!) + (3!/2 - 1) \\
 285504 &:= ((1 \times 2^{3!}) + (4^5 + 6^7)) + 8!/9 &= ((9 \times (8! - (7! + (6! \times 5)))) + 4!) + (3!/2 \times 1) \\
 285505 &:= (1 + 2^{3!}) + (4^5 + (6^7 + 8!/9)) &= ((9 \times (8! - (7! + (6! \times 5)))) + 4!) + (3!/2 + 1) \\
 285506 &:= ((1 + (2^{3 \times 4})) - (5! + (6! - (7 \times 8!)))) + 9 &= ((9 + 8! \times 7) - 6!) - (5! - (4^{3!} + (2 - 1))) \\
 285507 &:= 1 - ((2 - 3^4) \times ((5 \times (6! - (7 - 8))) + 9)) &= ((9 + 8! \times 7) - 6!) - (5! - (4^{3!} + 2 \times 1)) \\
 285508 &:= (1 + (((2 + (3! \times 4)) \times (5! + 6)) + 7 \times 8!)) - 9 &= (9 + (8! \times 7 + ((6! + 5) \times 4))) + (3!/2 - 1) \\
 285509 &:= 1 \times (2 - (3 \times (4! - ((5^6 - 7! - 8) \times 9)))) &= (9 + (8! \times 7 + ((6! + 5) \times 4))) + (3!/2 \times 1) \\
 285510 &:= 1 + (2 - (3 \times (4! - ((5^6 - 7! - 8) \times 9)))) &= (9 + (8! \times 7 + ((6! + 5) \times 4))) + (3!/2 + 1) \\
 285511 &:= (((1 + 2)!^{3+4}) - 5!) + (((6! - 7) \times 8) - 9) &= 9 \times 8 - (7 \times (((6 - 5!) \times 4) - ((3! + 2)! + 1))) \\
 285512 &:= (1 + 2)! + (((3! + 4) \times 5) - 6) \times (7 + 8 \times 9) &= (9 + (8! \times 7 + (6! \times 5 + 4!))) - (3!/2 + 1) \\
 285513 &:= ((1 - 2 \times 3!) \times 4!) + (5 \times 6! + (7 \times (8! - 9))) &= (9 + (8! \times 7 + (6! \times 5 + 4!))) - (3!/2 \times 1) \\
 285514 &:= 1 \times ((23^4) - (((5 - (6! - 7)) \times 8) - 9)) &= (9 + (8! \times 7 + (6! \times 5 + 4!))) - (3!/2 - 1) \\
 285515 &:= ((1 + 2)! + (((3! \times 4) + (5 + 6!)) \times (7 + 8 \times 9))) &= (9 \times (8! - (7! + (6! \times 5 - 4)))) + (3!/2 - 1) \\
 285516 &:= 1 \times 2 \times (((3 + 4!) - 5) \times ((6! - (7 - 8)) \times 9)) &= (9 \times (8! - (7! + (6! \times 5 - 4)))) + (3!/2 \times 1) \\
 285517 &:= 1 - ((2 - (3! + 4! \times 5!)) \times ((6 \times (7 + 8)) + 9)) &= (9 \times (8! - (7! + (6! \times 5 - 4)))) + (3!/2 + 1) \\
 285518 &:= (1 - 2 - 3^4) + ((5 \times 6) \times (7! + 8!/9)) &= (((9 + 8!) \times 7) + (6! \times 5 - 4!)) - (3!/2 + 1) \\
 285519 &:= ((1 + 2)^{3!+4}) + (5 \times (6 + ((7! - 8) \times 9))) &= (((9 + 8!) \times 7) + (6! \times 5 - 4!)) - (3!/2 \times 1)
 \end{aligned}$$

$$\begin{aligned} 285520 &:= (1 + ((2 - (3!! - 4)) \times 5)) \times (6! / ((7 - 8) \times 9)) &= ((9 + 8!) \times 7) + (6! \times 5 - 4!) - (3!! / 2 - 1) \\ 285521 &:= (1 + (2 \times ((3^4 + 5!) \times 6!))) + ((7! - 8!) / 9) &= ((9 \times 8) + ((7! - 6! + 5) \times ((4^3) + 2))) - 1 \\ 285522 &:= (1 - (2^{3!} \times 4)) + (5 \times 6! + (7 \times (8! - 9))) &= ((9 + 8!) \times 7) + ((6! - 5) \times 4) + (3!! / 2 - 1) \\ 285523 &:= (1 + ((23^4) + 5)) + (6 + ((7! / 8) \times 9)) &= ((9 \times 8) + ((7! - 6! + 5) \times ((4^3) + 2))) + 1 \\ 285524 &:= ((1 + 2)!! + 3!!) - ((4 - (5 \times 6!)) \times (7 + 8 \times 9)) &= ((9 + 8!) \times 7) + ((6! - 5) \times 4) + (3!! / 2 + 1) \\ 285525 &:= (1 + 2 \times 3!!) - ((4 - (5 \times 6!)) \times (7 + 8 \times 9)) &= ((9 \times 8) + 7) \times (6! \times 5 - 4) + (3!! \times 2 + 1) \\ 285526 &:= (1 + (((2 + (3! \times 4)) \times (5! + 6)) + 7 \times 8!)) + 9 &= (9 + (8! \times 7 + (6! \times 5))) - (((4! - 3!)^2) - 1) \\ 285527 &:= (1 - 2 \times 3!) \times ((4 \times (5 \times 6! - 7)) - 8! - 9) &= (9 + (8! + ((7 - (6! \times 5)) \times 4))) \times ((3! \times 2) - 1) \\ 285528 &:= (1 - ((2^{3!}) - (4 \times (5! + 6!)))) + (7 \times 8! - 9) &= (9 + 8! \times 7) - (6! - (((5 \times 4)^3) / 2) - 1) \\ 285529 &:= ((1 + (2 \times (3!! \times 4 - 5!))) + 6^7) + 8 \times 9 &= ((9 + 8! \times 7) - 6!) + (((5 \times 4)^3) / 2 \times 1) \\ 285530 &:= (1 \times 2 - 3 \times 4!) + ((5 \times 6) \times (7! + 8! / 9)) &= (9 - ((8 \times ((7 - 6!) \times 5) - 4!)) \times (3^2 + 1) \\ 285531 &:= (((1 + 2)^3) \times (4 + 5!)) + (6 + (7 \times (8! - 9))) &= (9 + ((8! + 7) \times 6)) + (5! \times (((4 + 3!!) / 2) + 1)) \\ 285532 &:= (1 - ((2 - (3! + 4!)) \times 5!)) - (6 - (7 \times (8! - 9))) &= ((9 + 8!) \times 7) + (6! \times 5) - (((4! + 3!!) / 2) - 1) \\ 285533 &:= (1 \times 2 \times (3!^4 - 5)) + (6! + 7 \times 8! - 9) &= (((-9 + 8!) \times 7) + (((6! + 5!) \times 4) - (3! - 2))) \times 1 \\ 285534 &:= (1 + ((2 \times (3!^4 - 5)) + 6!)) + (7 \times 8! - 9) &= ((9 + 8 \times 7!) \times 6) + (5! \times (((4 + 3!!) / 2) + 1)) \\ 285535 &:= ((1 - (2 + 3)!) \times (4 \times (5! - 6!))) - ((7 \times 8) + 9) &= ((9 + 8!) \times 7) - 6 + ((5! \times (4! + 3)) - (2 \times 1)) \\ 285536 &:= 1 \times 2 - (3 - ((4 \times (5! + 6!)) + (7 \times (8! - 9)))) &= ((9 + 8!) \times 7) - (6 - (5! \times 4!)) + (3!! / 2 - 1) \\ 285537 &:= ((1 + (2 \times ((3! - 4 + 5)!)) + 6^7) - 8! / 9) &= (9 + (8! \times 7 + (6! \times 5))) - (4! \times (3! \times 2 + 1)) \\ 285538 &:= 1 \times ((2 \times 3!^4) - (5 - (6! + 7 \times 8! - 9))) &= (((9 + 8!) \times 7) + (6! \times 5 - 4)) - (3!! / 2 + 1) \\ 285539 &:= ((1 + (2 \times 3!^4)) - (5 - (6! + 7 \times 8!))) - 9 &= 9 - ((8 - ((7 + (6! / 5!)) ^ 4)) \times (3^2 + 1)) \\ 285540 &:= (1 + 2)! - (3 - ((4 \times (5! + 6!)) + (7 \times (8! - 9)))) &= ((9 + 8!) \times 7) + (6! \times 5 - 4) - (3!! / 2 - 1) \\ 285541 &:= (1 \times 2 \times (3!! \times 4! - 5^6)) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6!) + ((5! \times (4! - 3)) - (2 \times 1)) \\ 285542 &:= 1 - ((2 + ((3 - 4!) \times 5!)) - (6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - 6!) + ((5! \times (4! + 3^2)) - 1) \\ 285543 &:= (1 + 2) + (3 + ((4 \times (5! + 6!)) + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6!) - (5! \times (4 - (3!^2 + 1))) \\ 285544 &:= ((1 + 2 \times 3!) \times 4^5) + ((6 \times 7! + 8) \times 9) &= (((9 + 8!) \times 7) - 6!) + ((5! \times (4! + 3^2)) + 1) \\ 285545 &:= (1 \times 2 + (3! + (4 \times (5! + 6!)))) + (7 \times (8! - 9)) &= (9 + 8 \times 7) \times (((6 + 5!) - 4) \times (3!^2) + 1) \\ 285546 &:= (1 - ((2^{3!}) - (4 \times (5! + 6!)))) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + (6! \times 5 + 4)) - (3!! / 2 + 1) \\ 285547 &:= (1 - (2 \times (3 + 4!))) + ((5 \times 6) \times (7! + 8! / 9)) &= ((9 + 8!) \times 7) + 6 + ((5! \times (4! + 3)) - (2 \times 1)) \\ 285548 &:= ((1 \times 2 \times 3!^4) + 5) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6! \times 5 + 4)) - (3!! / 2 - 1) \\ 285549 &:= (1 + ((2 \times 3!^4) + 5)) + (6! + 7 \times 8! - 9) &= (9 \times (8! - 7!)) - (6! + (((5! / 4!) ^ 3) \times 2) + 1) \\ 285550 &:= (1 + (2 \times 3! + (4 \times (5! + 6!)))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + (6 + (5! \times 4!))) + (3!! / 2 + 1) \\ 285551 &:= (1 \times 2 \times (3!^4 - 5)) + (6! + (7 \times 8! + 9)) &= (9 \times (8! - 7!)) - ((6! + (((5! / 4!) ^ 3) \times 2)) - 1) \\ 285552 &:= (1 + ((2 \times (3!^4 - 5)) + 6!)) + (7 \times 8! + 9) &= 9 - (8 + (7 \times (6 - ((5! \times 4) + ((3! + 2)! - 1)))))) \\ 285553 &:= ((1 \times 2 \times (3!^4 + 5)) + (6! + 7 \times 8!)) - 9 &= (9 \times ((8 + 7!) \times 6)) + (((5 + 4) \times 3!! \times 2) + 1) \\ 285554 &:= (1 + ((2 \times (3!^4 + 5)) + (6! + 7 \times 8!))) - 9 &= (((9 + 8!) \times 7) + (6! \times 5)) + (((4! - 3!!) / 2) - 1) \\ 285555 &:= (1 + 2) - (3! \times (((4 \times 5!) - (6! + 7! + 8)) \times 9)) &= ((9 + 8! \times 7) - 6) + ((5! + 4!) \times ((3! - 2)! - 1)) \\ 285556 &:= ((1 \times 2 \times 3!^4) - 5) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6! \times 5)) + (((4! - 3!!) / 2) + 1) \\ 285557 &:= ((1 + (2 \times 3!^4)) \times 5) + (6 \times ((7! + 8) \times 9)) &= (((9 + 8!) \times 7) - 6!) - (5! - (4^{3!} - (2 \times 1))) \end{aligned}$$

$$\begin{aligned} 285558 &:= ((1 \times 2^{3 \times 4}) + (5 - 6!)) + (7 \times (8! - 9)) &= 9 - (8 + ((7 \times (6 - ((5! \times 4) + (3! + 2)!))) + 1)) \\ 285559 &:= (1 \times 2 \times (3!! \times 4! - 5^6)) + (7 \times 8! + 9) &= 9 - (8 + (7 \times (6 - ((5! \times 4) + (3! + 2 \times 1)!)))) \\ 285560 &:= (1 - (2 \times (3! + 4!))) \times (5! + ((6! - (7! + 8!)/9)) &= ((9 + 8! \times 7) - (6! \times 5)) + (((4!^3)/2) - 1) \\ 285561 &:= (1 + (2^{3!+4})) + (5! + (6^7 + 8!/9)) &= ((9 + 8! \times 7) - (6! \times 5)) + ((4!^3)/2 \times 1) \\ 285562 &:= (1 + (2 \times 3!^4)) + ((5! \times 6) + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! \times 5)) + (((4!^3)/2) + 1) \\ 285563 &:= 1 - (2 - (3! \times (4! - (5 \times (6 - (7! + 8!/9)))))) &= (((9 + 8!) \times 7) + ((6! + 5) \times 4)) + (3!!/2 \times 1) \\ 285564 &:= (((1 + ((2 + 3!)! + ((4 \times 5!) - 6))) \times 7) + 8) - 9 &= (((9 + 8!) \times 7) + ((6! + 5) \times 4)) + (3!!/2 + 1) \\ 285565 &:= 1 - 2 \times 3! - (4! - ((5 \times 6) \times (7! + 8!/9))) &= ((9 - 8) - 7 \times 6) \times (5 \times (((4! - 3!!) \times 2) - 1)) \\ 285566 &:= 1 \times ((2 \times 3!^4) + (5 + (6! + (7 \times 8! + 9)))) &= (9 + (8! - 7) \times 6) + ((5! \times (4 + 3!!/2)) - 1) \\ 285567 &:= ((1 - 2 \times 3!) \times 4!) + (5 \times 6! + 7 \times 8! - 9) &= (9 + 8! \times 7 + 6) + ((5! + 4!) \times ((3! - 2)! - 1)) \\ 285568 &:= ((1 - ((2 \times 3!! \times 4!) + 5!)) + 6^7) + (8! - 9) &= (((9 + 8!) \times 7) + (6! \times 5)) + (4! - (3!!/2 - 1)) \\ 285569 &:= 1 \times (2 - (3 \times (4 - ((5^6 - 7! - 8) \times 9)))) &= (9 \times ((8! + ((7 + 6!) \times 5!)/4)) - (3!! \times 2 + 1)) \\ 285570 &:= 1 + (2 - (3 \times (4 - ((5^6 - 7! - 8) \times 9)))) &= (9 \times ((8! + ((7 + 6!) \times 5!)/4)) - (3!! + (2 + 1)!!)) \\ 285571 &:= (1 - 2 \times 3!) \times (4 - (5 \times (6! - (7 - 8!/9)))) &= (9 \times ((8! + ((7 + 6!) \times 5!)/4)) - (3!! \times 2 - 1)) \\ 285572 &:= (1 + ((2 \times (3!^4 + 5)) + (6! + 7 \times 8!))) + 9 &= (9 + 8! \times 7) + (((6! + 5!) \times 4) - (3!^2 + 1)) \\ 285573 &:= 1 + (2 + ((3! + 4!) \times ((5 - 6) + (7! + 8!/9)))) &= (((9 + 8) \times ((7!/6!)^5)) - 4! \times 3!) - 2 \times 1 \\ 285574 &:= 1 + (((23 \times 4!) + 5) \times 6) + 7 \times 8! - 9 &= (9 + 8! \times 7) + (((6! + 5!) \times 4) - (3!^2 - 1)) \\ 285575 &:= 1 \times 2 - ((3 + 4!) - ((5 \times 6) \times (7! + 8!/9))) &= 9 - ((8 - 7 \times 6) \times ((5! \times ((4! \times 3) - 2)) - 1)) \\ 285576 &:= (1 - (2^{3!} \times 4)) + (5 \times 6! + 7 \times 8! - 9) &= ((9 + (8! + 7)) \times 6) + (5! \times (((4 + 3!!)/2) + 1)) \\ 285577 &:= (1 + (2 \times (3!! \times 4))) - (5! + (6^7 \times (8 - 9))) &= (((9 \times 8) + 7) \times (6! \times 5 + 4!)) - (3!! - 2) - 1 \\ 285578 &:= (1 + (2 \times (3!! \times 4))) - (5! - (6^7 - 8 + 9)) &= (((9 \times 8) + 7) \times (6! \times 5 + 4!)) - (3!! - 2) \times 1 \\ 285579 &:= ((1 + 2 \times 3!!) \times 4) - (5! - (6^7 + (8 - 9))) &= (((9 \times 8) + 7) \times (6! \times 5 + 4!)) - (3!! - 2) + 1 \\ 285580 &:= (1 - (2 \times 3! - (4 \times (5! + 6!)))) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6! \times 5)) - (((4! - 3!)^2) - 1) \\ 285581 &:= (1 \times 2 + ((3 + 4!) \times (5! + 6))) + (7 \times (8! - 9)) &= (((9 + 8 \times 7) - 6!) \times (5 - ((4! - 3!)^2))) + 1 \\ 285582 &:= (((1 + ((2 + 3!)! + ((4 \times 5!) - 6))) \times 7) + 8) + 9 &= ((9 + 8!) \times 7) - (6! - (((5 \times 4)^3)/2) - 1)) \\ 285583 &:= 1 - (2 \times (3!! + ((4 \times (5! - (6! - (7! - 8!)))) + 9))) &= (((9 + 8!) \times 7) - 6!) + (((5 \times 4)^3)/2 \times 1) \\ 285584 &:= 1 \times 2 + 3! - (4! - ((5 \times 6) \times (7! + 8!/9))) &= (9 + (8! \times 7 + ((6! + 5!) \times 4))) - ((3! - 2)! + 1) \\ 285585 &:= ((1 - 2 \times 3!) \times 4!) + (5 \times 6! + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - (6 \times (5 - (4! \times ((3! - 2)! - 1)))) \\ 285586 &:= (1 - ((2 - (3! + 4!)) \times 5!)) - (6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + ((6! + 5!) \times 4))) - ((3! - 2)! - 1) \\ 285587 &:= 1 \times 2 - (3! - ((4 \times (5! + 6!)) + 7 \times 8! - 9)) &= (9 \times ((8 + 7!) \times 6)) + (((5 \times 4!) - 3!)^2) - 1 \\ 285588 &:= 1 \times 2 \times ((3!! - (4 - ((5 \times (6 - 7!)) + 8!))) \times 9) &= (9 \times ((8 + 7!) \times 6)) + (((5 \times 4!) - 3!)^2 \times 1) \\ 285589 &:= 1 + 2 \times 3! - (4! - ((5 \times 6) \times (7! + 8!/9))) &= 9 + (((8! \times 7) - 6!) + ((5! - 4) \times (3!^2 - 1))) \\ 285590 &:= 1 \times 2 + (((3 + 4!) \times (5^6 - 7! - 8)) + 9) &= (((9 + 8) \times 7!/6) \times (5 \times 4)) - (3^2 + 1) \\ 285591 &:= 1 + ((2 - 3) + ((4 \times (5! + 6!)) + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! \times 5)) - (4! \times (3! \times 2 + 1)) \\ 285592 &:= (1 - ((2 - (3! \times 4)) \times 5!)) + (6! + 7 \times 8! - 9) &= (9 + (8! \times 7 + (6! \times 5))) - ((4^{3! - 2}) + 1) \\ 285593 &:= (1 - 2 \times 3!) + (4 + ((5 \times 6) \times (7! + 8!/9))) &= (9 - 8) \times ((7!/6!) \times ((5! \times 4) + ((3! + 2)! - 1))) \\ 285594 &:= (1 - (2^{3!} \times 4)) + (5 \times 6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! \times 5))) - ((4^{3! - 2}) - 1) \\ 285595 &:= (((1 + 2) + 3!^4) - (5! - 6^7)) + 8!/9 &= ((9 + 8) \times ((7 + (6! \times 5)) \times 4)) + ((3! + 2)! - 1) \end{aligned}$$

$$\begin{aligned}
 285596 &:= 1 \times 2 + (3 + ((4 \times (5! + 6!)) + 7 \times 8! - 9)) &= (9 + (8! \times 7 + ((6! + 5!) \times 4))) - (3! \times 2 + 1) \\
 285597 &:= ((1 + 2!)!) + (((3 - (4! - 5!)) \times (6! + 7)) - 8!) \times 9 &= ((9 + 8) \times ((7 + (6! \times 5)) \times 4)) + ((3! + 2)! + 1) \\
 285598 &:= (1 - ((2 - (3! + 4!)) \times 5!)) + ((6 + 7 \times 8!) - 9) &= (9 + (8! \times 7 + ((6! + 5!) \times 4))) - ((3! \times 2) - 1) \\
 285599 &:= (1 \times 2 + (3! + (4 \times (5! + 6!)))) + (7 \times 8! - 9) &= (9 + 8! \times 7) + (((6! + 5!) \times 4) - (3^2 + 1)) \\
 285600 &:= (1 - ((2^{3!}) - (4 \times (5! + 6!)))) + (7 \times (8! + 9)) &= ((9 \times 8 \times 7) + 6) \times ((5! + ((4! - 3!)^2)) - 1) \\
 285601 &:= 1 \times 2^{3!} + ((4 \times (5! + 6!)) + (7 \times (8! - 9))) &= 9 + 8! + ((7 - 6!) \times ((5 + ((4! - 3!)/2)) - 1)) \\
 285602 &:= (1 + (2^{3!} + (4 \times (5! + 6!)))) + (7 \times (8! - 9)) &= 9 + 8! + (7 \times (6! - (((5! - (4! \times 3!)) \times 2) + 1))) \\
 285603 &:= (1 + (2^{3 \times 4})) - (5 + 6! - (7 \times 8! - 9)) &= (9 + 8 - (7! + (6!/5 \times (4! - 3!)))) \times (2 + 1) \\
 285604 &:= (1 + (2 \times 3! + (4 \times (5! + 6!)))) + (7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) + ((5! \times (4 + (3! - 2)!)) + 1) \\
 285605 &:= 1 \times 2 - (3! - ((4 \times (5! + 6!)) + (7 \times 8! + 9))) &= (((((9 + 8) \times 7!)/6) \times (5 \times 4)) + 3) + (2 \times 1) \\
 285606 &:= (1 + ((2 \times (3!^4 - 5)) + 6!)) + (7 \times (8! + 9)) &= (9 + (8! \times 7 + ((6! + 5!) \times 4))) - (3! - 2 - 1) \\
 285607 &:= (1 + 2) - (((3! - 4!) \times (5^6 - 7)) - 8!/9) &= (((((9 - 8) \times 7)!/6!) \times ((5! \times 4) + ((3! + 2)! + 1))) \\
 285608 &:= ((1 \times 2 \times (3! - (4 + 5!))) + 6^7) + 8!/9 &= (9 + (8! + 7!)) - (((6! - 5) \times (4! - 3!/2)) + 1) \\
 285609 &:= ((1 + (2 \times (3! - (4 + 5!)))) + 6^7) + 8!/9 &= (((9 + 8!) \times 7) - 6) + ((5! + 4!) \times ((3! - 2)! - 1)) \\
 285610 &:= (1 + 2^{3!}) \times ((4 \times 5!) - (6 + ((7! - 8!)/9))) &= (9 + (8! + 7!)) - (((6! - 5) \times (4! - 3!/2)) - 1) \\
 285611 &:= ((1 + (2 \times 3!^4)) - (5 - 6!)) + (7 \times (8! + 9)) &= 9 - (8 - (((7 + (6!/5!))^4) \times (3^2 + 1))) \\
 285612 &:= ((1 \times 2^{3 \times 4}) + (5 - (6! - (7 \times 8!)))) - 9 &= ((9 + 8! - 7) \times 6) + (5! \times (4 + (3!/2 \times 1))) \\
 285613 &:= (1 \times 2 \times (3! \times 4! - 5^6)) + (7 \times (8! + 9)) &= ((9 + 8! - 7) \times 6) + ((5! \times (4 + 3!/2)) + 1) \\
 285614 &:= 1 \times 2 + ((3 \times 4) + ((5 \times 6) \times (7! + 8!/9))) &= (((9 + 8!) \times 7) - (6! \times 5)) + (((4!^3)/2) - 1) \\
 285615 &:= 1 - ((2 - (3! + (4 \times 5!))) - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - (6! \times 5)) + ((4!^3)/2 \times 1) \\
 285616 &:= (1 - ((2 - (3! + 4!)) \times 5!)) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6! \times 5)) + (((4!^3)/2) + 1) \\
 285617 &:= 1 \times 2 - (((3 \times (4 - (5^6 - 7!))) + 8) \times 9) &= (9 + (8! \times 7 + ((6! + 5!) \times 4))) + (3! + 2 \times 1) \\
 285618 &:= (1 \times 2 + 3!) + (4 \times 5! + (6^7 + 8!/9)) &= ((9 + 8! \times 7) - 6!) - (5 - (4^3! - (2 \times 1))) \\
 285619 &:= ((1 + 2) + 3!) + (4 \times 5! + (6^7 + 8!/9)) &= (9 + 8! \times 7) + (((6! + 5!) \times 4) + (3^2 + 1)) \\
 285620 &:= ((1 - 2 \times 3!) \times (4 \times (5 + 6!))) - ((7! - 8!) \times 9) &= (9 + (8! \times 7 + ((6! + 5!) \times 4))) + ((3! \times 2) - 1) \\
 285621 &:= (1 + ((2 \times 3!^4) + 5)) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) + ((5! + 4!) \times ((3! - 2)! - 1)) \\
 285622 &:= (1 + (2 \times 3! + (4 \times (5! + 6!)))) + (7 \times 8! + 9) &= (9 + (8! \times 7 + ((6! + 5!) \times 4))) + (3! \times 2 + 1) \\
 285623 &:= 1 \times 2 - (3 - (4! + ((5 \times 6) \times (7! + 8!/9)))) &= 9 \times 8 - (7 \times (6 - ((5! \times 4) + ((3! + 2)! - 1)))) \\
 285624 &:= (1 \times 2 + 3!) \times (((4! + (5! - 6! + 7!)) \times 8) - 9) &= (9 + ((8! + 7!) \times 6)) + (((5! - (4!/3!))^2) - 1) \\
 285625 &:= ((1 \times 2 \times (3!^4 + 5)) + 6!) + (7 \times (8! + 9)) &= (9 \times (8! - (7! + (6! \times 5 + 4!)))) + (3!! + (2 - 1)) \\
 285626 &:= (1 + ((2 \times (3!^4 + 5)) + 6!)) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + (((6! + 5!) \times 4) - (3!^2 + 1)) \\
 285627 &:= ((1 + 2) + 3!) - ((4! + (5 \times 6! + 7! - 8!)) \times 9) &= (((9 + 8! \times 7) - (6 \times 5!)) + 4^{3!}) + (2 \times 1) \\
 285628 &:= (((1 + 2)! \times (3! - 4!)) - 5) - (6! - (7 \times (8! - 9))) &= ((9 + 8!) \times 7) + (((6! + 5!) \times 4) - (3!^2 - 1)) \\
 285629 &:= ((1 \times 2 + ((3! \times 4!)/5)) - 6) + (7 \times (8! - 9)) &= 9 \times 8 - ((7 \times (6 - ((5! \times 4) + (3! + 2)!))) + 1) \\
 285630 &:= ((1 \times 2^{3 \times 4}) + (5 - (6! - (7 \times 8!)))) + 9 &= 9 \times 8 - (7 \times (6 - ((5! \times 4) + (3! + 2 \times 1)!))) \\
 285631 &:= (1 + ((2^{3 \times 4}) + 5)) - (6! - (7 \times 8! + 9)) &= 9 \times 8 - ((7 \times (6 - ((5! \times 4) + (3! + 2)!))) - 1) \\
 285632 &:= (((1 \times 2^{3!}) \times (4! - 5)) + 6^7) + 8!/9 &= (9 + (8! \times 7 + (6! \times 5))) - ((4! \times (3^2)) + 1) \\
 285633 &:= (1 + ((2^{3!} \times (4! - 5)) + 6^7)) + 8!/9 &= (9 + (8! \times 7 + ((6 + 5!) \times 4!))) + (3!/2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 285634 &:= ((1 \times 2 \times ((3!! \times 4) + 5)) + 6^7) - 8 \times 9 &= (9 + (8! \times 7 + (6! \times 5))) - ((4! \times (3^2)) - 1) \\
 285635 &:= (1 \times 2 + (((3 + 4!) \times (5! + 6)) + 7 \times 8!)) - 9 &= (9 - 8) \times (7 \times (6 + ((5! \times 4) + ((3! + 2)! - 1)))) \\
 285636 &:= ((1 \times 2 \times (3! + 4! \times 5!)) + 6^7) - 8 \times 9 &= 9 - (8 - (7 \times (6 + ((5! \times 4) + ((3! + 2)! - 1)))) \\
 285637 &:= 1 + 2 \times 3! + (4! + ((5 \times 6) \times (7! + 8!/9))) &= (9 + (8! \times 7 + 6!)) + ((5! - 4) \times ((3! - 2)! - 1)) \\
 285638 &:= 1 \times (2 - (3! \times (4! - (5 \times (6 + (7! + 8!/9)))))) &= 9 + ((8! \times 7 + (6 \times (5^4))) - (3!!/2 + 1)) \\
 285639 &:= 1 + (2 - (3! \times (4! - (5 \times (6 + (7! + 8!/9)))))) &= ((9 + 8! \times 7) + (6 \times (5^4))) - (3!!/2 \times 1) \\
 285640 &:= (1 - (((2 + 3!) \times 4!) - (5 \times 6!))) + (7 \times 8! - 9) &= ((9 + 8! \times 7) + (6 \times (5^4))) - (3!!/2 - 1) \\
 285641 &:= (1 \times 2 + ((3!! \times 4!)/5)) + (6 + (7 \times (8! - 9))) &= (9 - 8) \times ((7 \times (6 + ((5! \times 4) + (3! + 2)!))) - 1) \\
 285642 &:= 1 - (((2 - (3!! - 4!)) \times 5) + (6 - (7 \times (8! - 9)))) &= 9 - (8 - ((7 \times (6 + ((5! \times 4) + (3! + 2)!))) - 1)) \\
 285643 &:= (1 - (2 \times (3 - 4!))) + ((5 \times 6) \times (7! + 8!/9)) &= ((9 + 8!) \times 7) - (6! - ((5! - 4) \times (3!^2 - 1))) \\
 285644 &:= (((1 + 2)!^{3!} + 4) \times 5) + ((6! + 7) \times 8 \times 9) &= (9 + 8! \times 7) + (((6! + 5!) \times 4) + 3!^2) - 1 \\
 285645 &:= (((1 + 2)!^{3!} - 4! \times 5!) - ((6 \times (7 - 8!)) + 9)) &= 9 - (((8! + ((7!/6!)^5)) \times (4 - 3^2)) - 1) \\
 285646 &:= (1 - (2 \times (((3 - (4! + 5!)) \times (6! + 7)) - 8!))) - 9 &= (9 + 8! \times 7) + (((6! + 5!) \times 4) + (3!^2 + 1)) \\
 285647 &:= ((1 - (2 + 3!)) \times (4 \times (5! - 6!))) + ((7 \times 8) - 9) &= (((9 + 8) \times (((7!/6!)^5) - 4)) - 3!) + (2 \times 1) \\
 285648 &:= (1 - (2^{3!} \times 4)) + (5 \times 6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6! \times 5)) - ((4^{3! - 2}) - 1) \\
 285649 &:= (1 + 2 \times 3! \times 4) + ((5 \times 6) \times (7! + 8!/9)) &= (9 + 8! \times 7) + (((6 + 5!) \times (4! + 3)) - (2 \times 1)) \\
 285650 &:= (1 - (((2 - 3!!) \times 4) + 5!)) + (6! + (7 \times (8! - 9))) &= (9 + ((8! + 7) \times 6)) + ((5! \times (4 + 3!!/2)) - 1) \\
 285651 &:= ((1 + 2^{3!}) \times (4! - 5)) + (6^7 + 8!/9) &= (9 + ((8! + 7) \times 6)) + (5! \times (4 + (3!!/2 \times 1))) \\
 285652 &:= 1 \times (2 + ((3! + 4) \times (5 \times (((6! - 7) \times 8) + 9)))) &= (9 + ((8! + 7) \times 6)) + ((5! \times (4 + 3!!/2)) + 1) \\
 285653 &:= 1 + (2 + ((3! + 4) \times (5 \times (((6! - 7) \times 8) + 9)))) &= ((9 + 8!) \times 7) + (((6! + 5!) \times 4) - (3^2 + 1)) \\
 285654 &:= (1 - ((2 - (3!! - 4!)) \times 5)) + (6 + (7 \times (8! - 9))) &= ((9 + 8 \times 7!) \times 6) + (5! \times (4 + (3!!/2 \times 1))) \\
 285655 &:= 1 \times (2^{3!} + ((4 \times (5! + 6!)) + 7 \times 8! - 9)) &= ((9 + 8 \times 7!) \times 6) + ((5! \times (4 + 3!!/2)) + 1) \\
 285656 &:= (1 + (2^{3!} + (4 \times (5! + 6!)))) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6) + ((5! \times (4 + (3! - 2)!)) - 1) \\
 285657 &:= ((1 + 2!) - (3!!/4)) + (5 \times 6! + 7 \times 8! - 9) &= (((9 + 8) \times ((7!/6!)^5)) - 4^3) + (2 \times 1) \\
 285658 &:= (1 - (((2 + 3!) \times 4!) - (5 \times 6!))) + (7 \times 8! + 9) &= (9 + (8! \times 7 + 6!)) + (((5^4 + 3!!) \times 2) - 1) \\
 285659 &:= ((1 \times 2 + 3!! \times 4) - 5!) + (6! + (7 \times (8! - 9))) &= (9 + 8! \times 7) + (6! + (((5^4) + 3!!) \times 2 \times 1)) \\
 285660 &:= 1 - ((2 \times (3 - (4^5 + 6!))) - (7 \times (8! - 9))) &= (9 + 8! \times 7) + (6! + (((5^4) + 3!!) \times 2) + 1) \\
 285661 &:= (((1 \times 2 + 3!!) - 4!) \times 5) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (((6! + 5!) \times 4) - (3 - 2))) - 1 \\
 285662 &:= (1 + (((2 + 3!!) - 4!) \times 5)) - (6 - (7 \times (8! - 9))) &= 9 + (((8 \times (7 \times 6)) - 5) \times ((4! \times (3!^2)) - 1)) \\
 285663 &:= (1 \times 2 \times 3!^4) + (5! + (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (((6! + 5!) \times 4) - (3 - 2))) + 1 \\
 285664 &:= (1 - (2 \times (((3 - (4! + 5!)) \times (6! + 7)) - 8!))) + 9 &= (((9 + 8!) \times 7) + (((6! + 5!) \times 4) + 3)) - 2 \times 1 \\
 285665 &:= (1 + (2 \times (3!! + (4! - 5!)))) + (6^7 + 8!/9) &= (9 + 8! - ((7!/6!)^5)) + ((4^3) - 1) \\
 285666 &:= ((1 + ((2 + 3!!) \times 4) - 5!) + (6! + (7 \times (8! - 9)))) &= (9 + ((8 + 7! - 6!) \times ((5!/4) + 3))) \times 2 \times 1 \\
 285667 &:= 1 \times ((2 \times (((3^{4+5}) + 6!) \times 7) + 8)) + 9 &= (9 + 8! - ((7!/6!)^5)) + ((4^3) + 1) \\
 285668 &:= 1 \times 2 + (3 + ((4 \times (5! + 6!)) + (7 \times (8! + 9)))) &= (9 + ((8! + 7!) \times 6)) + (((5!/4)^3)/2) - 1 \\
 285669 &:= (1 + 2^{3!}) + (4 + ((5 \times 6) \times (7! + 8!/9))) &= ((9 + (8! + 7!)) \times 6) + (((5! - (4!/3!))^2) - 1) \\
 285670 &:= (1 + 2 \times 3! \times 4) \times (5 + (((6! + 7) \times 8) + 9)) &= (9 + ((8! + 7!) \times 6)) + (((5!/4)^3)/2) + 1 \\
 285671 &:= (1 \times 2 - (3!!/4)) + (5 \times 6! + (7 \times 8! + 9)) &= ((9 + (8! + 7!)) \times 6) + (((5! - (4!/3!))^2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 285672 &:= 1 \times 2 \times (3!! + (4 \times ((5! - 6! + 7!) \times 8) + 9))) &= (9 \times (8! - (7! + (6! \times 5)))) + (4! \times ((3! - 2)! - 1)) \\
 285673 &:= 1 \times 2^{3!} + ((4 \times (5! + 6!)) + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + (((6! + 5!) \times 4) + (3^2 + 1)) \\
 285674 &:= (1 - (((2 - (3^4 \times 5)) \times 6!) + 7)) - 8!/9 &= (((9 + 8!) \times 7) + ((6! + 5!) \times 4)) + ((3! \times 2) - 1) \\
 285675 &:= 1 - (2 \times (3 - ((4! \times (5 + (6! + 7!))) + 8!/9))) &= (9 + 8! - 7!) + (6 \times ((5 + 4!) \times (3!! \times 2 - 1))) \\
 285676 &:= (1 + (2 \times 3! + (4 \times (5! + 6!)))) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + ((6! + 5!) \times 4)) + (3! \times 2 + 1) \\
 285677 &:= (((1 + (2 + 3!))! - (4! + (5! + 6))) \times 7) + 8!/9 &= (((9 + 8!) \times 7) - (6 \times 5!)) + 4^{3!} - 2 \times 1 \\
 285678 &:= ((1 - (2 \times (3!! \times 4! + 5))) + 6^7) + (8! - 9) &= 9 - (8 - (7 \times (((6 - 5!) \times ((4 - 3!!)/2)) - 1))) \\
 285679 &:= ((1 - (2 + 3!)) \times (4 \times (5! - 6!))) + (7 + 8 \times 9) &= 9 \times 8 + (7 + ((6! - 5!) \times (4 \times (((3 + 2)! - 1)))) \\
 285680 &:= 1 - (2 - (3^4 + ((5 \times 6) \times (7! + 8!/9)))) &= (9 + (8! \times 7 + (6!/5 \times 4))) - ((3! - 2)! + 1) \\
 285681 &:= 1 - (((2 - (3^4 \times 5)) \times 6!) + (7! \times 8/9)) &= (9 \times 8!/7! + (6! - 5)) \times (((4 + 3!!)/2) + 1) \\
 285682 &:= (1 + ((2 \times 3!^4) + (5! + (6! + 7 \times 8!)))) + 9 &= (9 + (8! \times 7 + (6!/5 \times 4))) - ((3! - 2)! - 1) \\
 285683 &:= ((1 - ((2 \times 3!! \times 4!) + 5)) + 6^7) + (8! - 9) &= (9 - 8) \times ((7 \times ((6 - 5!) \times ((4 - 3!!)/2))) - 1) \\
 285684 &:= ((1 \times 2^{3 \times 4}) + (5 - 6!)) + (7 \times (8! + 9)) &= 9 - (8 - ((7 \times ((6 - 5!) \times ((4 - 3!!)/2))) - 1)) \\
 285685 &:= (1 + ((2^{3 \times 4}) + 5)) - (6! - (7 \times (8! + 9))) &= (9 - 8) \times ((7 \times ((6 - 5!) \times ((4 - 3!!)/2))) + 1) \\
 285686 &:= 1 \times 2 \times (3 + ((4! \times (5 + (6! + 7!))) + 8!/9)) &= (((9 + 8!) \times 7) + (6! \times 5)) - ((4! \times (3^2)) + 1) \\
 285687 &:= ((1 \times 2 \times (3!! \times 4 - 5)) + 6^7) - (8 - 9) &= (9 \times (8 + (7! \times 6))) + (((5! - (4!/3!))!^2) - 1) \\
 285688 &:= (1 - (((2 - (3^4 \times 5)) \times 6!) - 7)) - 8!/9 &= (((9 + 8!) \times 7) + (6! \times 5)) - ((4! \times (3^2)) - 1) \\
 285689 &:= (1 + (2 \times (3!! - 4!))) - (5! - (6^7 + 8!/9)) &= (9 \times (8 + (7! \times 6))) + (((5! - (4!/3!))!^2) + 1) \\
 285690 &:= (1 - (2^{3!} + (4! - (5 \times 6!)))) + (7 \times (8! - 9)) &= (((9 - (8 \times (7 - 6!))) \times 5) + 4) \times (3^2 + 1) \\
 285691 &:= (1 + (2 \times (3!! \times 4))) - (5 - (6^7 + (8 - 9))) &= (((9 + 8!) \times 7) + 6!) + ((5! - 4) \times ((3! - 2)! - 1)) \\
 285692 &:= (((1 - 2 \times 3!) \times (4 - 5!)) + 6^7) + 8!/9 &= (((9 + 8!) \times 7) + (6 \times (5^4))) - (3!!/2 + 1) \\
 285693 &:= 1 - (((2 \times 3!! \times 4! - 5) - 6^7) - 8! + 9) &= (((9 + 8!) \times 7) + (6 \times (5^4))) - (3!!/2 \times 1) \\
 285694 &:= ((1 + 2 \times 3!!) \times 4) - (5 - (6^7 + (8 - 9))) &= (((9 + 8!) \times 7) + (6 \times (5^4))) - (3!!/2 - 1) \\
 285695 &:= (1 \times 2 + ((3!! \times 4!)/5)) + ((6 + 7 \times 8!) - 9) &= (9 + 8! \times 7) + ((6!/5 \times 4!) - (3^2 + 1)) \\
 285696 &:= (1 - ((2 - (3!! - 4!)) \times 5)) - (6 - (7 \times 8! - 9)) &= (9 \times (((8! \times 7)/6!) + 5!)) \times ((4^3) - (2 \times 1)) \\
 285697 &:= (1 + (2^{3!} \times (4 \times 5))) + (6^7 + 8!/9) &= ((9 + (8! + 7)) \times 6) + ((5! \times (4 + 3!!/2)) + 1) \\
 285698 &:= 1 - (((2 \times (3!! \times 4! - 5)) - 6^7) - 8! + 9) &= ((9 + 8!) \times 7) + (((6! + 5!) \times 4) + 3!^2) - 1) \\
 285699 &:= ((1 + 2)! + ((3!! \times 4!)/5)) + ((6 + 7 \times 8!) - 9) &= (((9 + 8) \times ((7!/6!)^5)) - (4! - 3!)) - 2 \times 1 \\
 285700 &:= ((1 - ((2 \times (3!! \times 4)) + 5)) - 6^7) \times (8 - 9) &= ((9 + 8!) \times 7) + (((6! + 5!) \times 4) + (3!^2 + 1)) \\
 285701 &:= (((1 + (2^{3!} \times 4)) \times 5) + 6^7) + 8!/9 &= (9 + (8! \times 7 + (6! \times 5))) - (4 \times (3!^2 + 1)) \\
 285702 &:= (1 + (2 \times (3!! \times 4))) + (5 - (6^7 \times (8 - 9))) &= 9 + 8 + ((7 \times ((6 - 5!) \times ((4 - 3!!)/2))) + 1) \\
 285703 &:= ((1 + ((2 + 3!))! + (4 \times (5! + 6)))) \times 7 - 8 \times 9 &= ((9 + 8!) \times 7) + (((6 + 5!) \times (4! + 3)) - (2 \times 1)) \\
 285704 &:= (1 - (((2 - 3!!) \times 4) + 5!)) + (6! + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6!) + (((5! - 4) \times (3!^2)) - 1) \\
 285705 &:= ((1 + 2 \times 3!!) \times 4) + (5 - (6^7 \times (8 - 9))) &= (((9 + 8) \times ((7!/6!)^5)) - 4) - (3^2 + 1) \\
 285706 &:= (((1 - 2 \times 3!!) \times 4!) - 5) + 6^7 + (8! - 9) &= ((9 + 8! \times 7) - 6!) + (((5! - 4) \times (3!^2)) + 1) \\
 285707 &:= (1 \times 2 + ((3!! - 4!) \times 5)) - (6 - (7 \times 8! - 9)) &= 9 \times 8 + (7 \times (6 + ((5! \times 4) + ((3! + 2)! - 1)))) \\
 285708 &:= (1 - ((2 - (3!! - 4!)) \times 5)) + ((6 + 7 \times 8!) - 9) &= (((9 \times 8) + (7 \times (6! + 5!))) \times 4!) + 3! \times 2 \times 1 \\
 285709 &:= ((1 \times 2 + 3!^4) - (5 - 6^7)) + 8!/9 &= (9 + (8! \times 7 + (6! \times 5))) - (4 \times (3!^2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 285710 &:= (1 - 2^{3!}) - (4 - (5 \times 6! + (7 \times (8! - 9)))) &= (9 + 8! \times 7 + 6) + (((5! + 4!) \times (3! - 2)!) - 1) \\
 285711 &:= 1 - (((2 \times 3!! \times 4! - 5) - 6^7) - 8! - 9) &= (((9 + 8) \times ((7!/6!)^5)) - (4 + 3!)) + (2 \times 1) \\
 285712 &:= 1 \times ((2 \times 3!! - (4! + 5!)) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6!) + (((5^4) + 3!) \times 2) - 1) \\
 285713 &:= (1 + 2 \times 3!! - 4!) - (5! - (6^7 + 8!/9)) &= ((9 + (8! + 7!)) \times 6) + (((5!/4)^3)/2) - 1) \\
 285714 &:= (1 - ((2 - (3!! - 4!)) \times 5)) - (6 - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + (6! + (((5^4) + 3!) \times 2) + 1)) \\
 285715 &:= 1 \times (((2 + 3!!) - 4!) \times 5) - (6 - (7 \times 8! - 9)) &= ((9 + (8! + 7!)) \times 6) + (((5!/4)^3)/2) + 1) \\
 285716 &:= (1 + (((2 + 3!!) - 4!) \times 5)) - (6 - (7 \times 8! - 9)) &= (9 + 8! \times 7) - ((6 \times (5! + (4! - (3!! + 2)))) + 1) \\
 285717 &:= (((1 + 2)!! - 3!) \times (4! - 5)) + ((6 \times (7! + 8!)) - 9) &= 9 + 8! + (((7^6) + (5 + ((4 + 3)!!)) \times 2 \times 1) \\
 285718 &:= (1 - ((2^{3!}) - (4 + 5 \times 6!))) + (7 \times (8! - 9)) &= (9 + (8! \times 7 + (6!/5 \times 4!))) + (3! \times 2 + 1) \\
 285719 &:= ((1 \times 2 \times (3 + 4! \times 5!)) + (6^7 + 8)) + 9 &= (9 + (8! \times 7!/6!)) - (5 \times (4! - (3!! - (2 \times 1)))) \\
 285720 &:= ((1 + ((2 + 3!!) \times 4)) - 5!) + (6! + 7 \times 8! - 9) &= (9 + (8! \times 7 + (6! - 5!))) + ((4 \times (3!! - 2)) - 1) \\
 285721 &:= (((1 + 2)!! - (3! + 4)) \times 5) - (6 - (7 \times (8! - 9))) &= ((9 + 8!) \times 7) - (((6 - 5!) \times (4! + 3!)) + 2 \times 1) \\
 285722 &:= (1 - (((2 - 3!!) \times 4) + 5!)) + (6! + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + ((6!/5 \times 4!) - (3!^2 + 1)) \\
 285723 &:= (1 - (2 \times (3 + 4!))) \times ((5! - (6! + (7 - 8)))) \times 9 &= (((9 + 8) \times ((7!/6!)^5)) - 4 + 3!) + (2 \times 1) \\
 285724 &:= (1 - (2 \times (3 + 4!))) + (5 \times 6! + (7 \times (8! - 9))) &= ((9 + 8!) \times 7) + ((6!/5 \times 4!) - (3!^2 - 1)) \\
 285725 &:= (1 \times 2 - ((3! - 4!) \times (5^6))) - (7 - 8!/9) &= ((9 + 8!) \times 7) - (((6 - 5!) \times (4! + 3!)) - (2 \times 1)) \\
 285726 &:= (1 - ((2 - (3!! - 4!)) \times 5)) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) - ((5 \times (4! - (3!! - 2))) - 1) \\
 285727 &:= (((1 \times 2 + 3!!) - 4!) \times 5) + ((6 + 7 \times 8!) - 9) &= (9 + (8! \times 7!/6!)) - ((5 \times (4! - 3!)) + 2 \times 1) \\
 285728 &:= (1 + (((2 + 3!!) - 4!) \times 5)) + ((6 + 7 \times 8!) - 9) &= ((9 + 8!) \times 7) - ((6 \times (5 - (4! \times (3! - 2)!))) + 1) \\
 285729 &:= (1 + (2 \times (3!! - 4))) - (5! - (6^7 + 8!/9)) &= (9 - (8!/7)) - ((6! + 5!) \times (((4! - 3!)/2) + 1)) \\
 285730 &:= (1 + (2 \times (3!^4 + 5!))) + (6! + (7 \times (8! - 9))) &= ((9 + 8!) \times 7) - ((6 \times (5 - (4! \times (3! - 2)!))) - 1) \\
 285731 &:= (1 - ((2 - 3!!) \times (4! - 5))) + ((6 \times 7! - 8) \times 9) &= (9 \times (8 + (7! \times 6))) + (((5!/4)^3)/2) - 1) \\
 285732 &:= (1 - 2^{3!}) + (((4! \times (5^6 - 7!))/8) \times 9) &= ((9 + 8! - 7) \times 6) + (5! \times (4 + (3!!/2 + 1))) \\
 285733 &:= (1 + 2 \times 3!! - 4) - (5! - (6^7 + 8!/9)) &= (9 \times (8 + (7! \times 6))) + (((5!/4)^3)/2) + 1) \\
 285734 &:= (1 + (((2 + 3!!) - 4!) \times 5)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - ((5 \times (4! - (3!! + 2))) - 1) \\
 285735 &:= (1 \times 2 \times 3!^4) + (5! + (6! + (7 \times (8! + 9)))) &= (((9 + 8) \times ((7!/6!)^5)) + (4! - 3!)) - 2 \times 1) \\
 285736 &:= (1 - 2 \times 3!) \times (4! - (5 \times (6! + (7! \times 8/9)))) &= (9 + (8! \times 7 + (6! - 5!))) + ((4 \times (3!! + 2)) - 1) \\
 285737 &:= (1 + 2 \times 3!!) - ((4! \times 5) - (6^7 + 8!/9)) &= (9 + (8! \times 7 + (6 - (5 \times (4! - 3!)))) + (2 \times 1) \\
 285738 &:= ((1 + ((2 + 3!!) \times 4)) - 5!) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! - 5!))) + ((4 \times (3!! + 2)) + 1) \\
 285739 &:= (1 \times 2 - ((3! - 4!) \times (5^6))) + (7 + 8!/9) &= (((9 + 8) \times ((7!/6!)^5)) + (4! - 3!)) + (2 \times 1) \\
 285740 &:= (1 + 2^{3!}) \times (4 - ((5! \times 6) - (7! + 8 \times 9))) &= (9 + (8! \times 7 + (6!/5 \times 4!))) + (3!^2 - 1) \\
 285741 &:= (1 + (2 \times 3!! + 4)) - (5! - (6^7 + 8!/9)) &= (9 \times (8! - 7!)) - ((6 + 5) \times ((4 \times (3!! + 2)) + 1)) \\
 285742 &:= 1 - 2 \times 3! - (4! - (5 \times 6! + (7 \times (8! - 9)))) &= (9 + 8! \times 7) + ((6!/5 \times 4!) + (3!^2 + 1)) \\
 285743 &:= 1 \times ((2 \times (3!! + 4^5)) + (6 + (7 \times 8! + 9))) &= ((9 + 8! \times 7) - 6!) + ((5! + 4^{3!}) - (2 \times 1)) \\
 285744 &:= (1 - (2^{3!} + (4! - (5 \times 6!)))) + (7 \times 8! - 9) &= (9 + 8! \times 7 + 6) - ((5 \times (4! - (3!! + 2))) + 1) \\
 285745 &:= (1 + (2 \times (3!! + 4))) - (5! - (6^7 + 8!/9)) &= (9 + 8! \times 7 + 6) - (5 \times (4! - (3!! + 2 \times 1))) \\
 285746 &:= (1 + (((2 + 3!!) - 4!) \times 5)) + (6 + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - ((6 \times (5! + (4! - (3!! - 2)))) + 1) \\
 285747 &:= 1 + (2 + (3! \times 4! + ((5 \times 6) \times (7! + 8!/9)))) &= ((9 + 8! \times 7) - 6!) + (5! + (4^{3!} + 2 \times 1))
 \end{aligned}$$

$$\begin{aligned}
 285748 &:= ((1 + 2 \times 3!) \times 4) + ((5! + 6^7) - 8 \times 9) &= (((9 + 8!) \times 7) + (6!/5 \times 4!)) - ((3! \times 2) - 1) \\
 285749 &:= (1 - ((2 - 3!) \times (4! - 5))) + (6 \times (7! + 8! - 9)) &= ((9 + 8!) \times 7) + ((6!/5 \times 4!) - (3^2 + 1)) \\
 285750 &:= (((((1 + 2)!^{3!}) + 4!) / 5!) \times 6!) + ((7!/8) \times 9) &= (9 + (8! \times 7 + (6! \times 5))) - (((4 + 3!)^2) - 1) \\
 285751 &:= ((1 + 2)!! - 3!) - ((4 \times (5 - 6!)) - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6!/5 \times 4!)) - (3! + 2 \times 1) \\
 285752 &:= 1 - (2 - (((3!! \times 4!) / 5) - (6 - (7 \times (8! + 9)))) &= (9 + (8! \times 7 + 6!)) + (((5! - 4) \times (3! - 2)!) - 1) \\
 285753 &:= (1 \times 2 + ((3!! - 4) \times 5)) - (6 - (7 \times (8! - 9))) &= (((9 + 8) \times ((7!/6!)^5)) + 4!) + 3^2 + 1 \\
 285754 &:= 1 \times (((2 + 3!)! - (4! + (5! - 6))) \times 7) + 8!/9 &= (((9 + 8!) \times 7) - 6) + (((5! + 4!) \times (3! - 2)!) + 1) \\
 285755 &:= (1 + (((2 + 3!)! - (4! + (5! - 6))) \times 7)) + 8!/9 &= (((9 + 8!) \times 7) + (6! \times 5)) - (4 \times (3!^2 + 1)) \\
 285756 &:= 1 - (2 - (3!! - ((4 \times (5 - 6!)) - (7 \times (8! - 9)))) &= 9 \times 8 + (7 \times ((6 - 5!) \times ((4 - 3!!) / 2 \times 1))) \\
 285757 &:= ((1 + 2)!! + 3!! \times 4) - (5!/6 - (7 \times (8! - 9))) &= (9 + (8! \times 7 + (6! \times 5))) - (4 \times ((3! - 2)! - 1)) \\
 285758 &:= 1 \times 2 - (3! \times (4 - (5 \times (6 + (7! + 8!/9)))) &= (((9 + 8!) \times 7) - 6!) + (((5! - 4) \times (3!^2)) - 1) \\
 285759 &:= (1 \times 2 + 3!!) - ((4 \times (5 - 6!)) - (7 \times (8! - 9))) &= (9 + (8! \times 7 + (6! \times 5))) - ((4! + 3!) \times (2 + 1)) \\
 285760 &:= (1 \times 2^{3!}) \times (4! + (5! - (6! - (7! - 8 + 9)))) &= (((9 + 8!) \times 7) - 6!) + (((5! - 4) \times (3!^2)) + 1) \\
 285761 &:= (1 + (2 \times 3!! + 4!)) - (5! - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! \times 5)) - ((4! \times 3!) - (2 \times 1)) \\
 285762 &:= (1 - (2^{3!} + (4! - (5 \times 6!)))) + (7 \times 8! + 9) &= 9 - (8 - (7 \times (((6 + 5!) \times 4) + ((3! + 2)! - 1)))) \\
 285763 &:= (1 + (2 \times 3^4)) + ((5 \times 6) \times (7! + 8!/9)) &= (((9 + 8!) \times 7) + (6! \times 5)) - (4 \times (3!^2 - 1)) \\
 285764 &:= (1 - 2^{3!}) - (4 - (5 \times 6! + 7 \times 8! - 9)) &= 9 - ((8 + (7!/6 + 5)) \times (4! - (3!! / 2 - 1))) \\
 285765 &:= (1 - (2 - 3!!) \times 4) - (5 - (6! + (7 \times (8! - 9)))) &= 9 + 8! - ((7!/6! - 5!) \times ((4 + 3!!) \times (2 + 1))) \\
 285766 &:= 1 + 2 \times 3! - (4! - (5 \times 6! + (7 \times (8! - 9)))) &= (9 + 8! \times 7) + (((6^5 - (4! + 3!!)) / 2) + 1) \\
 285767 &:= (1 \times 2 + ((3!! \times 4!) / 5)) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6) - (5 \times (4! - (3!! - (2 \times 1)))) \\
 285768 &:= ((1 - 2^{3!}) \times 4!) \times (((5 \times 6! - 7!) / 8) - 9) &= (((9 + 8!) \times 7) - 6) - ((5 \times (4! - (3!! - 2))) - 1) \\
 285769 &:= 1 \times 2 - (3! + (4 - (5 \times 6! + (7 \times (8! - 9)))) &= ((9 + 8!) \times 7) + ((6!/5 \times 4!) + (3^2 + 1)) \\
 285770 &:= (1 - 2 \times 3!) + (4 + (5 \times 6! + (7 \times (8! - 9)))) &= ((9 + 8!) \times 7) - ((6 \times (5! + (4! - (3!! + 2)))) + 1) \\
 285771 &:= ((1 + 2) + (3!! \times (4! - 5))) + ((6 \times 7! - 8) \times 9) &= (9 + ((8! + 7) \times 6)) + (5! \times (4 + (3!! / 2 + 1))) \\
 285772 &:= (1 - ((2^{3!}) - (4 + (5 \times 6! + 7 \times 8!)))) - 9 &= (((9 + 8!) \times 7) + (6!/5 \times 4!)) + (3! \times 2 + 1) \\
 285773 &:= 1 \times 2 - (3! - (4! \times 5! + (6! + (7 \times (8! - 9)))) &= ((9 + 8!) \times 7!/6!) - (5 \times (4! - (3!! - (2 \times 1)))) \\
 285774 &:= ((1 - 2 \times 3!) \times (4! \times 5! + 6)) - ((7! - 8!) \times 9) &= ((9 + 8 \times 7!) \times 6) + (5! \times (4 + (3!! / 2 + 1))) \\
 285775 &:= (1 - (2 - 3!!) \times 4) + (5 + (6! + (7 \times (8! - 9)))) &= (9 + (8! \times 7 + (6! \times 5))) - ((4! \times 3) + 2 \times 1) \\
 285776 &:= (1 - (((2 - 3!!) \times 4) + 5!)) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6! - 5!)) + ((4 \times (3!! - 2)) + 1) \\
 285777 &:= 1 \times 2 - (3! - (4 + (5 \times 6! + (7 \times (8! - 9)))) &= ((9 + 8) \times (((7!/6!)^5) + 4)) - (3^2 + 1) \\
 285778 &:= (1 - (2 \times (3 + 4!))) + (5 \times 6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6) - ((5 \times (4! - (3!! - 2))) + 1) \\
 285779 &:= (1 \times 2 - ((3 \times 4!) - (5 \times 6!))) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) - 6) - ((5 \times (4! - 3!!)) - (2 \times 1)) \\
 285780 &:= (1 - ((2 - (3!! - 4!)) \times 5)) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) - ((5 \times (4! - (3!! - 2))) - 1) \\
 285781 &:= (1 + ((2 + 3!!) \times 4)) - (5 - (6! + (7 \times (8! - 9)))) &= ((9 + 8!) \times 7!/6!) - ((5 \times (4! - 3!!)) + 2 \times 1) \\
 285782 &:= (1 - 2^{3!}) - (4 - (5 \times 6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6!/5 \times 4!)) + ((3! - 2)! - 1) \\
 285783 &:= ((1 + 2)! - 3 \times 4!) + (5 \times 6! + (7 \times 8! + 9)) &= ((9 + 8) \times (((7!/6!)^5) + 4)) - ((3 + 2) - 1) \\
 285784 &:= (1 - 2 \times 3!) + (((4! \times (5^6 - 7!)) / 8) \times 9) &= (((9 + 8!) \times 7) + (6!/5 \times 4!)) + ((3! - 2)! + 1) \\
 285785 &:= (1 + (2 \times (3!! + 4!))) - (5! - (6^7 + 8!/9)) &= 9 - (((8!/7!) + (6! + 5!)) \times (4! - (3!! / 2 + 1))) \\
 285786 &:= (1 - ((2^{3!}) - 4! \times 5!)) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6) - ((5 \times (4! - (3!! + 2))) + 1)
 \end{aligned}$$

$$\begin{aligned}
 285787 &:= ((1 - 2 \times 3!) \times 4) + (5 \times 6! + 7 \times 8! - 9) &= (9 + 8! \times 7) + (6! \times 5 - ((4^3) - (2 \times 1))) \\
 285788 &:= 1 \times (2 + ((3!! \times (4! - 5)) + (6 \times (7! + 8! - 9)))) &= (9 + (8! \times 7 + (6! \times 5 - 4))) - (3!^2 + 1) \\
 285789 &:= 1 + (2 + ((3!! \times (4! - 5)) + (6 \times (7! + 8! - 9)))) &= (((9 + 8!) \times 7) - 6!) + ((5 - (4! - 3!!)) \times (2 + 1)!) \\
 285790 &:= (1 - ((2^{3!}) - (4 + (5 \times 6! + 7 \times 8!)))) + 9 &= (9 + (8! \times 7 + (6! \times 5 - 4))) - (3!^2 - 1) \\
 285791 &:= (1 + (((2 + 3!!) \times 4) + 5)) + (6! + (7 \times (8! - 9))) &= (((9 \times 8) + 7) \times (6! \times 5)) - (((4! - 3!!) \times 2) + 1) \\
 285792 &:= (1 - 2^{3!}) + (4! + (5 \times 6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! - 5!)) + ((4 \times (3!! + 2)) + 1) \\
 285793 &:= (1 \times 2 + ((3!! + 4) \times 5)) - (6 - (7 \times (8! - 9))) &= (((9 \times 8) + 7) \times (6! \times 5)) - (((4! - 3!!) \times 2) - 1) \\
 285794 &:= (1 - ((2 - 3!!) \times (4! - 5))) + ((6 \times (7! + 8!)) - 9) &= (((9 + 8!) \times 7) + (6!/5 \times 4!)) + (3!^2 - 1) \\
 285795 &:= 1 - (2 - (((3 + 4!) \times (5^6 - 7!)) - 8 + 9)) &= ((9 + 8! \times 7) - 6) + ((5! - 4!) \times (3!^2 + 1)) \\
 285796 &:= 1 - 2 \times 3! - (4! - (5 \times 6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! \times 5))) - ((4! + 3) \times 2 - 1) \\
 285797 &:= (1 \times 2 \times (3 + (4^5 + 6!))) + (7 \times (8! + 9)) &= (9 + (8! \times 7 + (6! \times 5))) - (4 \times (3! \times 2 + 1)) \\
 285798 &:= ((1 \times 2 + ((3 + 4!) \times (5^6 - 7!))) - 8) + 9 &= (((9 + 8!) \times 7) + 6) - ((5 \times (4! - (3!! + 2))) + 1) \\
 285799 &:= ((1 + (2 \times (3!! - (4! + 5)))) + 6^7) + 8!/9 &= (((9 + 8!) \times 7) + 6) - (5 \times (4! - (3!! + 2 \times 1))) \\
 285800 &:= ((1 - (2 \times (3! + 4!))) \times (5! - 6! \times 7)) - 8!/9 &= (((9 + 8!) \times 7) + 6) - ((5 \times (4! - (3!! + 2))) - 1) \\
 285801 &:= ((1 \times 2 + (3!! + 4)) \times 5) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6!) + (5! + (4^{3!} + 2 \times 1)) \\
 285802 &:= (1 + (2 \times (3!^4 + 5!))) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! \times 5 - 4))) - ((3! - 2)! - 1) \\
 285803 &:= 1 \times 2 + 3! + (((4! \times (5^6 - 7!))/8) \times 9) &= (((9 + 8!) \times 7) + (6! \times 5)) - ((4 + 3!)^2 \times 1) \\
 285804 &:= (1 + (2 \times (3!! - 4!))) - (5 - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! \times 5)) - (((4 + 3!)^2) - 1) \\
 285805 &:= (1 - 2 \times 3!!) + (4 \times (((5! - 6) \times (7!/8)) - 9)) &= (9 \times (8! - (7! + (6! \times 5 + 4)))) + (3!! + (2 - 1)) \\
 285806 &:= 1 - (2 - (3! + (4! + (5 \times 6! + (7 \times (8! - 9)))))) &= (((9 + 8!) \times 7) + 6!) + (((5! - 4) \times (3! - 2)!) - 1) \\
 285807 &:= (1 + ((2 + 3!!) \times (4! - 5))) + ((6 \times 7! - 8) \times 9) &= (9 + 8! \times 7 + 6) + ((5! - 4!) \times (3!^2 + 1)) \\
 285808 &:= 1 + 2 \times 3! + (((4! \times (5^6 - 7!))/8) \times 9) &= (9 + (8! \times 7 + (6! \times 5 - 4))) - (3!^2 + 1) \\
 285809 &:= (1 - (2 \times (3! \times (4 - 5)))) + (6^7 + 8!/9) &= ((9 + 8!) \times 7) + (((6! + (5 - 4!)) \times (3 + 2)) + 1) \\
 285810 &:= (1 - 2^{3!}) + (4! + (5 \times 6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! \times 5 - 4))) - (3!^2 - 1) \\
 285811 &:= (1 - ((2 - (((3 \times 4)^5)/6)) \times 7)) - 8!/9 &= (((9 + 8!) \times 7) + (6! \times 5)) - (4 \times ((3! - 2)! - 1)) \\
 285812 &:= (1 - ((2 - 3!!) \times (4! - 5))) + ((6 \times (7! + 8!)) + 9) &= (9 + (8! \times 7 + 6!)) + ((5! \times 4!) - (3!^2 + 1)) \\
 285813 &:= (1 \times 2 \times (3!! - 4!)) + (5 + (6^7 + 8!/9)) &= (9 + ((8! - (7 - 6!)) \times 5)) + (((4!/3!) \times 2) - 1) \\
 285814 &:= (1 + (2 \times (3!! - 4!))) + (5 + (6^7 + 8!/9)) &= (9 + (8! \times 7 + 6!)) + ((5! \times 4!) - (3!^2 - 1)) \\
 285815 &:= 1 - (2 - (3!! - (4! + ((5 \times 6! + 7! - 8!) \times 9)))) &= (9 + (8! \times 7 + (6! \times 5))) - (4! + (3^2 + 1)) \\
 285816 &:= 1 - 2 \times 3! - (4 - (5 \times 6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! \times 5))) + (4 - (3!^2 + 1)) \\
 285817 &:= (1 + 2 \times 3! \times 4) \times (5! + (((6! - 7) \times 8) + 9)) &= (((9 \times 8) + 7) \times (6! \times 5)) - 4! + (3!! \times 2 + 1) \\
 285818 &:= (1 + 2^{3!}) - (4! - (5 \times 6! + (7 \times (8! - 9)))) &= (9 + (8! \times 7 + (6! \times 5))) + (4 - (3!^2 - 1)) \\
 285819 &:= ((1 + (2 \times (3!! - (4! - 5)))) + 6^7) + 8!/9 &= ((9 + 8) \times ((7!/6!)^5)) + ((4 + 3!)^2 \times 1) \\
 285820 &:= 1 + 2 \times 3! - (4! - (5 \times 6! + 7 \times 8! - 9)) &= ((9 + 8!) \times 7) + (((6^5 - (4! + 3!!))/2) + 1) \\
 285821 &:= 1 \times 2 - ((3 \times 4) - (5 \times 6! + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6!) + ((5! - 4) \times (3!^2 + 1)) \\
 285822 &:= 1 \times 2 \times ((3^4 + 5!) \times (6! + ((7 - 8) \times 9))) &= (9 + (8! \times 7 + (6! \times 5 - 4))) - ((3! - 2)! - 1) \\
 285823 &:= 1 \times 2 - (3! + (4 - (5 \times 6! + 7 \times 8! - 9))) &= (9 + (8! \times 7 + (6! \times 5))) - (4! + (3!/(2 + 1))) \\
 285824 &:= (1 - 2 \times 3!) + (4 + (5 \times 6! + 7 \times 8! - 9)) &= (9 + 8! \times 7 + 6) - ((5 \times (4 - (3!! - 2))) + 1)
 \end{aligned}$$

$$\begin{aligned}
 285825 &:= (1 + ((2 + 3!) \times (4! - 5))) + (6 \times (7! + 8! - 9)) &= ((9 - (8 \times 7)) + (6^5)) - 4 \times (3!^2 + 1) \\
 285826 &:= (1 - ((2 - (3!! - 4)) \times 5)) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) - ((5 \times (4 - (3!! - 2))) - 1) \\
 285827 &:= (1 \times 2 + (3!! + 4! \times 5!)) - (6 - (7 \times 8! - 9)) &= (9 + (8! \times 7! / 6!)) - ((5 \times (4 - 3!!)) + 2 \times 1) \\
 285828 &:= (1 + 2 \times 3!! - 4!) - (5 - (6^7 + 8! / 9)) &= (9 + (8! \times 7 + (6! \times 5 + 4))) - ((3! - 2)! + 1) \\
 285829 &:= (1 - (2 - 3!!) \times 4) + (5 + (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! \times 5)) - ((4! \times 3) + 2 \times 1) \\
 285830 &:= 1 \times 2 - (3 - (4! \times 5! + (6! + 7 \times 8! - 9))) &= (9 + (8! \times 7 + (6! \times 5 + 4))) - ((3! - 2)! - 1) \\
 285831 &:= 1 \times 2 - (3! - (4 + (5 \times 6! + 7 \times 8! - 9))) &= (((9 \times 8) + 7) \times (6! \times 5)) - (((4 - 3!!) \times 2) + 1) \\
 285832 &:= 1 + 2 \times 3!! + (4! \times 5! - (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6) + (((5! / 4!) \times (3!! - 2)) - 1) \\
 285833 &:= (1 + 2^{3!} \times 4!) - (5! - (6^7 + 8! / 9)) &= 9 \times 8 + (7 \times (((6 + 5!) \times 4) + ((3! + 2)! - 1))) \\
 285834 &:= 1 - 2 \times 3! - (4 - (5 \times 6! + (7 \times 8! + 9))) &= ((9 + 8! \times 7) - 6) + (((5! / 4!) \times (3!! - 2)) + 1) \\
 285835 &:= (1 + ((2 + 3!) \times 4)) - (5 - (6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! \times 5 - 4))) - (3^2 + 1) \\
 285836 &:= (1 - ((2 - (3!! + 4)) \times 5)) - (6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! \times 5 + 4!))) - (3!^2 + 1) \\
 285837 &:= (1 - (2 - 3!!) \times 4) - (5 - (6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! - 5))) + ((4 \times (3!! - 2)) + 1) \\
 285838 &:= (1 + 2 \times 3!! - 4!) + (5 + (6^7 + 8! / 9)) &= (9 + (8! \times 7 + (6! \times 5 + 4!))) - (3!^2 - 1) \\
 285839 &:= (1 \times 2 + (3!! + 4! \times 5!)) + ((6 + 7 \times 8!) - 9) &= (9 + (8! \times 7 + 6!)) + ((5! \times 4!) - (3^2 + 1)) \\
 285840 &:= 1 + 2 \times 3! - (4 - (5 \times 6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! \times 5 + 4))) - (3! \times 2 + 1) \\
 285841 &:= (1 - 2 \times 3!!) - (((4 \times (5! + 6!)) + 7! - 8!) \times 9) &= ((9 \times (8! - 7!)) + 6!) - (((5! / 4) \times 3!)^2) - 1) \\
 285842 &:= (1 - 2 \times 3!) + (4 + (5 \times 6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6! \times 5 - 4!)) - (3!^2 + 1) \\
 285843 &:= (1 \times 2 \times (3!! - 4)) - (5 - (6^7 + 8! / 9)) &= (9 + (8! \times 7 + (6! \times 5 + 4))) - (3^2 + 1) \\
 285844 &:= (1 + (2 \times (3!! - 4))) - (5 - (6^7 + 8! / 9)) &= ((9 + 8! \times 7) - 6!) + (5 \times ((4! \times (3!^2)) - 1)) \\
 285845 &:= (((1 + (2 \times 3! - 4)!) - (5! + 6)) \times 7) + 8! / 9 &= (9 + (8! \times 7 + (6! + 5))) + ((4 \times (3!! - 2)) - 1) \\
 285846 &:= 1 \times ((2 + 3!! \times 4) - (5 - (6! + (7 \times 8! + 9)))) &= (9 + 8! \times 7 + 6) + (((5! / 4!) \times (3!! - 2)) + 1) \\
 285847 &:= 1 + ((2 + 3!! \times 4) - (5 - (6! + (7 \times 8! + 9)))) &= (9 + (8! \times 7 + (6! + 5))) + ((4 \times (3!! - 2)) + 1) \\
 285848 &:= (1 + 2 \times 3!! - 4) - (5 - (6^7 + 8! / 9)) &= (9 \times (8! / 7 + 6!)) + (((5! \times 4) - 3!)^2) - 1) \\
 285849 &:= 1 \times 2 - (3! - (4 + (5 \times 6! + (7 \times 8! + 9)))) &= ((9 + 8! - (7 - 6!)) \times 5) + (((4! / 3!) \times 2) - 1) \\
 285850 &:= 1 + 2 \times 3!! + (4! \times 5! - (6! - (7 \times 8! + 9))) &= (9 \times (8! / 7 + 6!)) + (((5! \times 4) - 3!)^2) + 1) \\
 285851 &:= (1 \times 2 + (3!! \times (4! - 5))) + ((6 \times (7! + 8!)) + 9) &= ((9 + 8! - (7 - 6!)) \times 5) + (((4! / 3!) \times 2) + 1) \\
 285852 &:= ((1 \times 2 + 3!!) \times 4) - (5 - (6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! + 5))) + (4 \times 3!! - (2 \times 1)) \\
 285853 &:= (1 + ((2 + 3!!) \times 4)) - (5 - (6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! - 5))) + ((4 \times (3!! + 2)) + 1) \\
 285854 &:= (1 + (2 \times (3!! - 4))) + (5 + (6^7 + 8! / 9)) &= ((9 + 8! \times 7) - 6) + (((5! / 4!) \times (3!! + 2)) + 1) \\
 285855 &:= ((1 \times 2 + (3!! + 4)) \times 5) - (6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! \times 5 - 4))) + 3^2 + 1) \\
 285856 &:= (1 + (2 \times 3!! + 4)) - (5 - (6^7 + 8! / 9)) &= (9 + (8! \times 7 + (6! \times 5 - 4))) + ((3! \times 2) - 1) \\
 285857 &:= (1 - 2 \times 3!!) + (4! \times 5! + (6^7 + 8! / 9)) &= (9 + ((8! + 7!) \times 6)) + (((5 \times 4!) - 3!)^2) - 1) \\
 285858 &:= (1 + 2 \times 3!! - 4) + (5 + (6^7 + 8! / 9)) &= (9 + (8! \times 7 + (6! \times 5 - 4))) + (3! \times 2 + 1) \\
 285859 &:= ((1 - 2 \times 3!) \times 4) + (5 \times 6! + (7 \times (8! + 9))) &= (9 + (8! \times 7 + 6!)) + (5! \times 4! + (3^2 + 1)) \\
 285860 &:= (1 + 2^{3!}) + (((4! \times (5^6 - 7!)) / 8) \times 9) &= (9 + (8! \times 7 + (6! \times 5 - 4!))) + (3!^2 - 1) \\
 285861 &:= 1 \times 2 + 3! + (4 + (5 \times 6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6) + ((5! - 4!) \times (3!^2 + 1)) \\
 285862 &:= (1 - 2 \times 3!) + (4! + (5 \times 6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6! \times 5 - 4)) - (3!^2 + 1) \\
 285863 &:= 1 - (2 - (3!! + (4! - ((5 \times 6! + 7! - 8!) \times 9)))) &= (9 + (8! \times 7 + (6! \times 5 + 4))) + 3^2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 285864 &:= (1 - 2^{3!}) + (4! + (5 \times 6! + (7 \times (8! + 9)))) &= &(((9 + 8!) \times 7) + (6! \times 5 - 4)) - (3!^2 - 1) \\
 285865 &:= (1 \times 2 + ((3!! + 4) \times 5)) - (6 - (7 \times 8! + 9)) &= &((((9 \times 8) + 7) \times (6! \times 5)) + 4!) + (3!! \times 2 + 1) \\
 285866 &:= (1 + (2 \times 3!! + 4)) + (5 + (6^7 + 8!/9)) &= &(((9 + 8!) \times 7) + 6!) + ((5! \times 4!) - (3!^2 + 1)) \\
 285867 &:= (1 + (((2 + 3!)! + (4 - (5! + 6))) \times 7)) + 8!/9 &= &(9 + (8! \times 7 + ((6! + 5) \times 4))) + (3!! - (2 \times 1)) \\
 285868 &:= 1 + 2 \times 3! + (4! + (5 \times 6! + 7 \times 8! - 9)) &= &(((9 + 8!) \times 7) + 6!) + ((5! \times 4!) - (3!^2 - 1)) \\
 285869 &:= ((1 \times 2 + 3!!) \times (4! - 5)) + ((6 \times (7! + 8!)) - 9) &= &(((9 + 8!) \times 7) + (6! \times 5)) - (4! + (3^2 + 1)) \\
 285870 &:= (1 + ((2 + 3!!) \times (4! - 5))) + ((6 \times (7! + 8!)) - 9) &= &(((9 + 8!) \times 7) + (6! \times 5)) + (4 - (3!^2 + 1)) \\
 285871 &:= 1 \times 2^{3!} - (4! - (5 \times 6! + 7 \times 8! - 9)) &= &(9 + ((8! + 7!) \times 6)) - (5! - ((4!^3) - (2 \times 1))) \\
 285872 &:= (1 + 2^{3!}) - (4! - (5 \times 6! + 7 \times 8! - 9)) &= &(((9 + 8!) \times 7) + (6! \times 5)) + (4 - (3!^2 - 1)) \\
 285873 &:= ((1 \times 2 + (3!! + 4)) \times 5) - (6 - (7 \times 8! + 9)) &= &(9 \times (8 + (7! \times 6))) - (((5 - 4!) \times (3!! - 2)) + 1) \\
 285874 &:= (1 - (2 \times (3 - 4!))) + (5 \times 6! + 7 \times 8! - 9) &= &((9 + 8! \times 7) - 6) + ((5 \times (4 + 3!! + 2)) + 1) \\
 285875 &:= (1 - ((2 - 3!!) \times (4! - 5))) + ((6 \times 7! + 8) \times 9) &= &(((9 + 8!) \times 7) - 6!) + ((5! - 4) \times (3!^2 + 1)) \\
 285876 &:= (1 + (2 \times 3!! + 4!)) - (5 - (6^7 + 8!/9)) &= &(((9 + 8!) \times 7) + (6! \times 5 - 4)) - ((3! - 2)! - 1) \\
 285877 &:= (1 - 2 \times 3!!) + (4 \times (((5! - 6) \times (7!/8)) + 9)) &= &(9 + (8! \times 7 + (6 + (5 \times (4 + 3!!)))) + (2 \times 1) \\
 285878 &:= 1 - ((2 + (3! \times 4)) - (5 \times 6! + (7 \times (8! + 9)))) &= &(((9 + 8!) \times 7) + 6) - ((5 \times (4 - (3!! - 2))) + 1) \\
 285879 &:= (1 \times 2 + ((3!! - 4) \times 5)) - (6 - (7 \times (8! + 9))) &= &(((9 + 8!) \times 7) - 6) - ((5 \times (4 - 3!!)) - (2 \times 1)) \\
 285880 &:= (1 + 2 \times 3! \times 4) + (5 \times 6! + 7 \times 8! - 9) &= &(9 + (8! \times 7 + (6! \times 5))) - (4 - (3!^2 - 1)) \\
 285881 &:= 1 \times 2 + 3! + (4! + (5 \times 6! + (7 \times 8! + 9))) &= &(((9 + 8!) \times 7!/6!) - (5 \times (4 - 3!!))) - 2 \times 1 \\
 285882 &:= (1 - (((2 - (3!! + 4!)) \times 5) + 6)) + (7 \times (8! - 9)) &= &(9 + (8! \times 7 + (6! \times 5))) - (4 - (3!^2 + 1)) \\
 285883 &:= (((1 + 2 \times 3!) \times 4) + (5 \times 6! + 7 \times 8!)) - 9 &= &(9 + (8! \times 7 + (6! \times 5))) + (4! + (3^2 + 1)) \\
 285884 &:= 1 \times 2 + (3 - (4! - (5 \times 6! + (7 \times (8! + 9)))) &= &((9 + (8 \times 7! + 6!)) \times 5) + (((4!/3!) \times 2) - 1) \\
 285885 &:= ((1 \times 2 + (3!! + 4)) \times 5) + (6 + (7 \times 8! + 9)) &= &(9 + ((8! + 7 + 6!) \times 5)) + (((4!/3!) \times 2) + 1) \\
 285886 &:= (1 + (2 \times 3!! + 4!)) + (5 + (6^7 + 8!/9)) &= &((9 + (8 \times 7! + 6!)) \times 5) + (((4!/3!) \times 2) + 1) \\
 285887 &:= ((1 \times 2 + 3!!) \times (4! - 5)) + ((6 \times (7! + 8!)) + 9) &= &(9 + 8! \times 7) - (6 - ((5 \times ((4! + 3)^2)) - 1)) \\
 285888 &:= (1 + ((2 + 3!!) \times (4! - 5))) + ((6 \times (7! + 8!)) + 9) &= &(9 + (8! \times 7 + (6! \times 5 + 4))) + (3!^2 - 1) \\
 285889 &:= 1 \times 2^{3!} - (4! - (5 \times 6! + (7 \times 8! + 9))) &= &(((9 + 8!) \times 7) + (6! \times 5 - 4)) - (3^2 + 1) \\
 285890 &:= (1 + (2 \times (3 + 4!))) \times (5 + 6! - (7 - 8!/9)) &= &(((9 - (8 \times (7 - 6!))) \times 5) + 4!) \times (3^2 + 1) \\
 285891 &:= 1 - (((2 - 3!!) \times 4) + (5 - (6! + (7 \times (8! + 9)))) &= &(((9 + 8!) \times 7) + (6! - 5)) + ((4 \times (3!! - 2)) + 1) \\
 285892 &:= ((1 + 2^{3!}) - (4 - (5 \times 6! + 7 \times 8!))) - 9 &= &(((9 + 8!) \times 7) + 6!) + ((5! \times 4!) - ((3! \times 2) - 1)) \\
 285893 &:= (1 \times 2 + ((3!! + 4!) \times 5)) - (6 - (7 \times (8! - 9))) &= &(((9 + 8!) \times 7) + 6!) + ((5! \times 4!) - (3^2 + 1)) \\
 285894 &:= (1 - ((2 - (3!! + 4!)) \times 5)) + (6 + (7 \times (8! - 9))) &= &(((9 + 8!) \times 7) + (6! \times 5 + 4)) - (3! \times 2 + 1) \\
 285895 &:= ((1 \times 2^{3!}) + (4! \times 5! + 6!)) + (7 \times 8! - 9) &= &(((9 + 8!) \times 7) - (6 - (5! \times 4!))) + (3!! - (2 \times 1)) \\
 285896 &:= (1 + (2^{3!} + 4! \times 5!)) + (6! + 7 \times 8! - 9) &= &(((9 + 8!) \times 7) + (6! \times 5 + 4)) - ((3! \times 2) - 1) \\
 285897 &:= ((1 + (2 \times (3!! + 4 \times 5))) + 6^7) + 8!/9 &= &(((9 + 8!) \times 7) + (6! \times 5 + 4)) - (3^2 + 1) \\
 285898 &:= (1 + 2 \times 3! \times 4) + (5 \times 6! + (7 \times 8! + 9)) &= &(((9 + 8!) \times 7) - 6!) + (5 \times ((4! \times (3!^2)) - 1)) \\
 285899 &:= (1 \times 2 \times (3!! + 4!)) - (5 - (6^7 + 8!/9)) &= &(9 + 8! \times 7 + 6) + ((5 \times ((4! + 3)^2)) - 1) \\
 285900 &:= (1 + (2 \times (3!! + 4!))) - (5 - (6^7 + 8!/9)) &= &(((9 + 8!) \times 7) + 6) + (((5!/4!) \times (3!! - 2)) + 1) \\
 285901 &:= (((1 + 2 \times 3!) \times 4) + (5 \times 6! + 7 \times 8!)) + 9 &= &(9 + 8! \times 7 + 6) + ((5 \times ((4! + 3)^2)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 285902 &:= (1 + ((2 + 3!! + 4!) \times 5)) - (6 - (7 \times (8! - 9))) &= ((9 + (8! + 7!)) \times 6) + (((5 \times 4!) - 3^2)^2) - 1 \\
 285903 &:= 1 \times 2 - (3! - (4 + (5 \times 6! + (7 \times (8! + 9)))))) &= ((9 + (8! + 7!)) \times 6) + (((5 \times 4!) - 3^2) \times 1) \\
 285904 &:= ((1 + 2 \times 3!) \times 4^5) + (6 \times ((7! + 8) \times 9)) &= ((9 + (8! + 7!)) \times 6) + (((5 \times 4!) - 3^2)^2) + 1 \\
 285905 &:= ((1 + (2 \times (3! \times (4 + 5!)))) + 6^7) + 8!/9 &= (((9 + 8!) \times 7) + (6! - 5)) + ((4 \times (3!! + 2)) - 1) \\
 285906 &:= (1 + (((2 + 3!!) \times 4) + 5!)) + (6! + (7 \times (8! - 9))) &= (9 \times (8! - 7!)) + ((6 - (5! \times 4!)) \times ((3! \times 2) - 1)) \\
 285907 &:= (1 + ((2 + 3!!) \times 4)) - (5 - (6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (6! - 5)) + ((4 \times (3!! + 2)) + 1) \\
 285908 &:= (1 - ((2 - (3!! + 4)) \times 5)) - (6 - (7 \times (8! + 9))) &= (9 + (8! \times 7 + (6! \times 5 + 4!))) + (3!^2 - 1) \\
 285909 &:= (1 \times 2 \times (3!! + 4!)) + (5 + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! \times 5 - 4)) + 3^2 + 1 \\
 285910 &:= (1 + (2 \times (3!! + 4!))) + (5 + (6^7 + 8!/9)) &= (9 + (8! \times 7 + (6! \times 5 + 4!))) + 3!^2 + 1 \\
 285911 &:= (1 - (2 \times ((3!!/4) + 5^6))) - ((7! - 8!) \times 9) &= ((9 \times 8) + 7!) + ((6! \times ((5!/4) + 3!!/2)) - 1) \\
 285912 &:= 1 + 2 \times 3! - (4 - (5 \times 6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (6! \times 5 - 4)) + (3! \times 2 + 1) \\
 285913 &:= ((1 \times 2^{3!}) + (4! \times 5! + 6!)) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + 6!) + (5! \times 4! + (3^2 + 1)) \\
 285914 &:= 1 \times (2 + (3^4 + (5 \times 6! + 7 \times 8! - 9))) &= (((9 + 8!) \times 7) + (6! \times 5 - 4!)) + (3!^2 - 1) \\
 285915 &:= (1 + (2 \times (3!! + 4! + 5))) + (6^7 + 8!/9) &= (((9 + 8!) \times 7) + (6! + 5)) + ((4 \times (3!! + 2)) - 1) \\
 285916 &:= (1 - 2 \times 3!) + (4! + (5 \times 6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (6! \times 5 - 4!)) + 3!^2 + 1 \\
 285917 &:= (1 + (((2 + 3!!) \times 4) + 5)) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6! \times 5 + 4)) + 3^2 + 1 \\
 285918 &:= (1 + 2^{3!}) + (4 + (5 \times 6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6! \times 5 + 4)) + ((3! \times 2) - 1) \\
 285919 &:= 1 \times 2^{3!} + (4! + (5 \times 6! + 7 \times 8! - 9)) &= (((9 + (8! + 7 + 6!)) \times 5) + ((4!/3!) \times 2)) - 1 \\
 285920 &:= (1 + (2^{3!} + (4! + (5 \times 6! + 7 \times 8!)))) - 9 &= (9 \times ((8! - 7) - 6^5)) - (((4!^3)/2) + 1) \\
 285921 &:= ((1 + 2)^{3!+4}) + (((5 \times 6! \times 7) + 8) \times 9) &= (((9 + (8! + 7 + 6!)) \times 5) + ((4!/3!) \times 2)) + 1 \\
 285922 &:= (((1 + 2)! \times 3!!) + (4! - 5)) - (6! - (7 \times (8! + 9))) &= (9 \times ((8! - 7) - 6^5)) - (((4!^3)/2) - 1) \\
 285923 &:= (1 \times 2 + (3 \times 4!)) + (5 \times 6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! \times 5))) + ((4! \times 3) + 2 \times 1) \\
 285924 &:= 1 \times 2 \times (3 \times (4! + (5 \times (6 + (7! + 8!/9)))))) &= (((9 + 8!) \times 7) + (6! \times 5 - 4)) + ((3! - 2)! + 1) \\
 285925 &:= 1 \times (2 + (3!! + ((4 \times (5 + 6!)) + (7 \times (8! + 9)))))) &= ((9 + 8!) \times 7) - ((6 \times (5! - (4 + 3!!))) + 2 \times 1) \\
 285926 &:= 1 + (2 + (3!! + ((4 \times (5 + 6!)) + (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7) - 6) + ((5 \times (4 + 3!! + 2)) - 1) \\
 285927 &:= ((1 \times 2 + (3!! + 4)) \times 5) - (6 - (7 \times (8! + 9))) &= 9 + 8! - ((7 \times 6) - (5! \times (4^{3!}/2 - 1))) \\
 285928 &:= ((1 - (2 \times (3!! \times 4! - 5!))) + 6^7) + (8! - 9) &= (((9 + 8!) \times 7) - 6) + ((5 \times (4 + 3!! + 2)) + 1) \\
 285929 &:= (1 + (2 \times (3!! - 4!))) + (5! + (6^7 + 8!/9)) &= ((9 + 8!) \times 7) - ((6 \times (5! - (4 + 3!!))) - (2 \times 1)) \\
 285930 &:= ((1 + 2)! + ((3! + (4 - (5 \times 6! + 7! - 8!))) \times 9)) &= (((9 + 8!) \times 7) + (6! \times 5 + 4)) + ((3! - 2)! - 1) \\
 285931 &:= (1 \times 2 + ((3!! + 4) \times 5)) + (6 + (7 \times (8! + 9))) &= ((9 + (8! + 7!)) \times 6) - (((5 - 4!) \times (3!! + 2)) + 1) \\
 285932 &:= (1 \times 2 + (3^4 \times (5 \times 6!))) - ((7!/8) \times 9) &= (((9 + 8!) \times 7) + (6! \times 5 + 4)) + ((3! - 2)! + 1) \\
 285933 &:= (1 + ((2 + 3!!) \times (4! - 5))) + (6 \times (7! + 8! + 9)) &= ((9 + (8! + 7!)) \times 6) - (((5 - 4!) \times (3!! + 2)) - 1) \\
 285934 &:= (1 + ((2 + (3!! + (4! - 5!))) \times 6)) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + (6! \times 5)) - (4 - (3!^2 - 1)) \\
 285935 &:= 1 \times 2 + 3! + (4! + (5 \times 6! + (7 \times (8! + 9)))) &= (((9 \times 8) + 7) \times (6! \times 5 + 4!)) - (3!!/2 + 1) \\
 285936 &:= (1 - (((2 - (3!! + 4!)) \times 5) + (6 - (7 \times 8!)))) - 9 &= (((9 + 8!) \times 7) + (6! \times 5)) - (4 - (3!^2 + 1)) \\
 285937 &:= 1 \times 2^{3!} + (4! + (5 \times 6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6! \times 5)) + (4! + (3^2 + 1)) \\
 285938 &:= 1 - (2 + (3 \times (4! - ((5^6 - (7! - 8)) \times 9)))) &= (((9 + 8!) \times 7) + 6) + ((5 \times (4 + 3!! + 2)) - 1) \\
 285939 &:= ((1 \times 2 + (3!! + 4)) \times 5) + (6 + (7 \times (8! + 9))) &= (9 \times (8! - 7!)) - ((6 + 5) \times ((4 \times (3!! - 2)) - 1))
 \end{aligned}$$

$$\begin{aligned}
 285940 &:= (1 + ((2 \times 3^4) + 5 \times 6!)) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) - ((6 \times (5! - (4 + 3! + 2))) - 1) \\
 285941 &:= 1 \times 2 - (3 \times (4! - ((5^6 - (7! - 8)) \times 9))) &= ((9 + 8!) \times 7) - (6 - ((5 \times ((4! + 3)^2)) - 1)) \\
 285942 &:= (1 + 2) - (3 \times (4! - ((5^6 - (7! - 8)) \times 9))) &= (((9 + 8!) \times 7) + (6! \times 5 + 4)) + (3!^2 - 1) \\
 285943 &:= 1 \times 2^{3!} - (4! - (5 \times 6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - 6) + ((5 \times ((4! + 3)^2)) + 1) \\
 285944 &:= (1 - (((2 - 3!) \times 4) - 5!)) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6! \times 5 + 4)) + 3!^2 + 1 \\
 285945 &:= (1 + 2)! - (3 \times (4! - ((5^6 - (7! - 8)) \times 9))) &= (9 - (((8 + 7! + 6) \times (5 - 4!)) + 3!)) \times (2 + 1) \\
 285946 &:= ((1 - (2 \times (3!! \times 4! - 5!))) + 6^7) + (8! + 9) &= (9 + (8! \times 7 + 6!)) + (((5! + 4) \times (3! - 2)! + 1) \\
 285947 &:= ((1 \times 2^{3!}) \times 4!) - (5 - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - 6) + (5 \times (4 + (3! + (2 + 1)!))) \\
 285948 &:= ((1 + 2^{3!} \times 4!) - (5 - 6^7)) + 8!/9 &= (9 + (8! \times 7 + (6! \times 5))) + (((4 + 3!)^2) - 1) \\
 285949 &:= 1 \times (((2 + 3) \times (4 \times 5 + 6!)) + (7 \times 8! + 9)) &= (9 \times (8 + (7! \times 6))) - (((5 - 4!) \times (3! + 2)) + 1) \\
 285950 &:= 1 - (2 - ((3!! \times 4) + (5! + (6! + 7 \times 8! - 9)))) &= (((9 + 8!) \times 7) + (6! \times 5)) + (4! + ((3! - 2)! - 1)) \\
 285951 &:= (1 + ((2 + 3!) \times (4! - 5))) + ((6 \times 7! + 8) \times 9) &= (9 \times (8 + (7! \times 6))) - (((5 - 4!) \times (3! + 2)) - 1) \\
 285952 &:= (1 + 2 \times 3! \times 4) + (5 \times 6! + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6) + ((5 \times (4! + (3! - 2))) - 1) \\
 285953 &:= (1 + 2 \times 3!! - 4!) + (5! + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6) + ((5 \times ((4! + 3)^2)) - 1) \\
 285954 &:= (1 - (((2 - (3!! + 4!)) \times 5) + (6 - (7 \times 8!)))) + 9 &= ((9 - (8 - 7)))! - (6 - (5! \times (4^{3!}/2 - 1))) \\
 285955 &:= 1 - (2 \times (3! - (((4! + 5!) \times (6! - 7)) + 8! - 9))) &= (((9 + 8!) \times 7) + 6) + ((5 \times ((4! + 3)^2)) + 1) \\
 285956 &:= (1 - 2 \times 3!) \times (4 - (5 \times (6! + (7! \times 8/9)))) &= ((9 + 8!) \times 7) - ((6 \times (5! - ((4! + 3)^2))) + 1) \\
 285957 &:= (((1 \times 2^{3!}) \times 4!) + (5 + 6^7)) + 8!/9 &= (9 + (8! + ((7 \times 6) + (5! \times 4)))) \times (3! + (2 - 1)) \\
 285958 &:= (1 + ((2^{3!} \times 4!) + (5 + 6^7))) + 8!/9 &= (9 + (8! \times 7!/6!)) + ((5 \times (4! + (3! - 2))) - 1) \\
 285959 &:= (((1 \times 2 + 3!) \times 4) + 5!) + (6! + 7 \times 8! - 9) &= (9 + (8! \times 7!/6!)) + (5 \times (4! + (3! - (2 \times 1)))) \\
 285960 &:= (1 + (((2 + 3!) \times 4) + 5!)) + (6! + 7 \times 8! - 9) &= (9 + (8! \times 7 + (6! + 5!))) + ((4 \times (3! - 2)) - 1) \\
 285961 &:= (1 + (2 + 3!)) - (4! \times (5 - (6! + (7! + 8!/9)))) &= ((9 + 8! \times 7) - 6) + ((5 \times (4! + 3!)) - (2 \times 1)) \\
 285962 &:= (1 - (((2 - 3!) \times 4) - 5!)) + (6! + (7 \times 8! + 9)) &= ((9 + 8! \times 7) + (6 \times (5^4))) - (3!^2 + 1) \\
 285963 &:= 1 \times 2^{3!} - (4 - (5 \times 6! + (7 \times (8! + 9)))) &= ((9 + 8! \times 7) - 6) - (5! \times (4 - (3!^2 - 1))) \\
 285964 &:= (1 - (((2 - (3!! + (4! - 5!))) \times 6) - (7 \times 8!))) - 9 &= ((9 + 8! \times 7) + (6 \times (5^4))) - (3!^2 - 1) \\
 285965 &:= (1 \times 2 + ((3!! + 4!) \times 5)) - (6 - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + ((6! \times 5 + 4^3) - (2 \times 1)) \\
 285966 &:= (1 - ((2 - (3!! + 4!)) \times 5)) + (6 + (7 \times 8! + 9)) &= ((9 - (8 - 7)))! + (6 + (5! \times (4^{3!}/2 - 1))) \\
 285967 &:= 1 \times (2^{3!} + (4! \times 5! + (6! + (7 \times (8! + 9)))) &= (9 + (8! \times 7 + (6! + 5!))) + (4 \times 3! - (2 \times 1)) \\
 285968 &:= 1 \times ((2 \times (3!^4 \times (5! - 6))) - (7! + 8!/9)) &= 9 + 8! - 7 + (6 + (5! \times (4^{3!}/2 - 1))) \\
 285969 &:= (1 + (2 \times (3!! - 4))) + (5! + (6^7 + 8!/9)) &= 9 - (8 \times (((7 - (6! - (5! - (4! \times 3!)))) \times 2) + 1)) \\
 285970 &:= (1 + ((2 + 3!) \times 4!)) + (5 \times 6! + (7 \times (8! - 9))) &= (9 + (8! + 7)) - (6 - (5! \times (4^{3!}/2 - 1))) \\
 285971 &:= ((1 + 2^{3!}) \times 4!) - (5 - (6^7 + 8!/9)) &= (9 + (8! \times 7 + (6! + 5!))) + ((4 \times 3!) + 2 \times 1) \\
 285972 &:= 1 \times (2 \times (3 + (((4! + 5!) \times (6! - 7)) + 8! - 9))) &= (9 + (8! \times 7 + (6! \times 5 + 4))) + (((3 + 2)! - 1) \\
 285973 &:= (1 - (2 \times (3! + 4!))) \times (((5! - 6! - 7) \times 8) + 9) &= (9 + 8! \times 7 + 6) + ((5 \times (4! + 3!)) - (2 \times 1)) \\
 285974 &:= (1 + ((2 + 3!! + 4!) \times 5)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) + ((5 \times (4! + 3!! + 2)) + 1) \\
 285975 &:= (1 + (2^{3!+4})) \times ((5 \times 6 - (7 - 8)) \times 9) &= (9 + 8! \times 7 + 6) - (5! \times (4 - (3!^2 - 1))) \\
 285976 &:= ((1 \times 2 + 3!)/4!) - (5! - (6^7 + 8!/9)) &= 9 + 8! + (7!/6! + (5! \times (4^{3!}/2 - 1))) \\
 285977 &:= 1 + 2 \times 3!! + ((4! \times 5) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! \times 5)) + ((4! \times 3) + 2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 285978 &:= (1 + (((2 + 3!) \times 4) + 5!)) + (6! + (7 \times 8! + 9)) &= 9 - ((8 \times ((7 - (6! - (5! - (4! \times 3!)))) \times 2)) - 1) \\
 285979 &:= (12 \times 3! + (4 + 5 \times 6!)) + (7 \times (8! + 9)) &= (9 + (8! \times 7 + (6! \times 5 + 4))) + (3! \times 21) \\
 285980 &:= (1 \times 2 + 3 \times 4! \times 5) \times (6! + (7! / (8 \times 9))) &= (9 + 8! \times 7) - ((6 \times (5! - (4! + (3! - 2)))) + 1) \\
 285981 &:= 1 \times ((2 \times (3 + (((4! + 5!) \times (6! - 7)) + 8!))) - 9) &= (((9 + 8!) \times 7) + (6^5)) - 4^{3!} - 2 \times 1 \\
 285982 &:= (1 + (2 \times (3 + (((4! + 5!) \times (6! - 7)) + 8!)))) - 9 &= (9 + (8! + 7)) + (6 + (5! \times (4^{3!} / 2 - 1))) \\
 285983 &:= 1 + (2 + ((3! + (4 \times (5 + 6!))) \times (7 + 8 \times 9))) &= (9 \times (8 \times 7! - 6^5)) - (((4!^3) / 2) + 1) \\
 285984 &:= (1 \times 2 \times (3! + 4)) + (5! + (6^7 + 8! / 9)) &= (9 \times (8! / (7! / 6))) \times ((5^4) + (3!^2 + 1)) \\
 285985 &:= (1 - (((2 + 3!) \times 4) / 5 - 6!)) - ((7! - 8!) \times 9) &= (9 \times (8 \times 7! - 6^5)) - (((4!^3) / 2) - 1) \\
 285986 &:= (1 + (((2 + 3! + 4!) \times 5) + 6)) + (7 \times 8! + 9) &= (9 + 8! \times 7) - (((6 - ((5^4) \times 3)) \times 2) + 1) \\
 285987 &:= 1 \times (((2 + (3! + (4! - 5!))) \times 6) + 7 \times 8! - 9) &= (9 + ((8! + 7!) \times 6)) - (5 - ((4!^3) - (2 - 1))) \\
 285988 &:= 1 - ((2 \times (3 - (((4! + 5!) \times (6! - 7)) + 8!))) - 9) &= 9 - (((8 + (7 \times (6 - 5!))) \times ((4 + 3!)) / 2) + 1) \\
 285989 &:= (((1 + 2!)^3) - (4 - (5 \times 6!))) + (7 \times (8! - 9)) &= ((9 + 8! \times 7) + (6 \times (5^4))) - (3^2 + 1) \\
 285990 &:= (((1 + 2)^{3!} + 4!) \times 5) - (6 - (7 \times 8! - 9)) &= (9 + ((8! + 7!) \times 6)) - (5 - (4!^3 + 2 \times 1)) \\
 285991 &:= 1 - (2 \times (3! - (((4! + 5!) \times (6! - 7)) + 8! + 9))) &= 9 + 8! - (7 - ((6 \times ((5^4) + (3! + 2!)) - 1)) \\
 285992 &:= (1 + (2^{3!} + 4! + 5 \times 6!)) + (7 \times (8! + 9)) &= ((9 + 8! \times 7) - 6!) + (((5! + 4) \times (3!^2)) - 1) \\
 285993 &:= ((1 + 2)! \times (3 + 4!)) + (5 \times 6! + 7 \times 8! - 9) &= 9 + 8! - (7 - ((6 \times ((5^4) + (3! + 2!)) + 1)) \\
 285994 &:= 1 - ((2 - (((3 \times (4! + (5! \times 6!))) - 7!) / 8)) \times 9) &= ((9 + 8! \times 7) - 6!) + (((5! + 4) \times (3!^2)) + 1) \\
 285995 &:= (1 \times 2 + 3!) + ((4! \times (5! + 6)) + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6! \times 5)) + (4 \times ((3! - 2!) - 1)) \\
 285996 &:= (1 + 2)!! - (3! \times (4! + (5 \times (6 - (7! + 8! / 9)))) &= ((9 + (((8! + 7!) \times 6) + 5)) + (4!^3)) - 2 \times 1 \\
 285997 &:= (((1 + 2!)^3) + 4) + (5 \times 6! + (7 \times (8! - 9))) &= (9 + (8! \times 7 + (6! \times 5))) + (4 \times (3!^2 + 1)) \\
 285998 &:= 1 - (2 + (3 \times (4 - ((5^6 - (7! - 8)) \times 9)))) &= (((9 + 8!) \times 7) + 6!) + (((5! + 4) \times (3! - 2!)) - 1) \\
 285999 &:= ((1 + 2) - 3!) \times (4 - ((5^6 - (7! - 8)) \times 9)) &= (9 + 8 \times 7!) + (6 \times ((5^4) + (3! + 2 \times 1)!)) \\
 286000 &:= (1 + (2 \times (3 + (((4! + 5!) \times (6! - 7)) + 8!)))) + 9 &= (((9 + 8!) \times 7) + 6!) + (((5! + 4) \times (3! - 2!)) + 1)
 \end{aligned}$$

2.1.7 Numbers From 286001 to 287000

$$\begin{aligned}
 286001 &:= (1 + (2 \times 3! + 4!)) + (5! + (6^7 + 8! / 9)) &= (9 + ((8! + 7!) \times 6)) + (5 + (4!^3 + (2 + 1))) \\
 286002 &:= (1 + 2) - (3 \times (4 - ((5^6 - (7! - 8)) \times 9))) &= (((9 + 8!) \times 7) + (6! \times 5)) + (((4 + 3!)^2) - 1) \\
 286003 &:= 1 \times (((2 + 3) \times (4 \times 5 + 6!)) + (7 \times (8! + 9))) &= ((9 + 8! \times 7 + 6) + ((5^4) \times 3!)) - 2 \times 1 \\
 286004 &:= 1 \times ((2 + ((3 + 4!) \times (5^6 - (7! - 8)))) - 9) &= (9 + 8! \times 7) - ((6 \times (5! - (4! + 3! + 2))) + 1) \\
 286005 &:= 1 + ((2 + ((3 + 4!) \times (5^6 - (7! - 8)))) - 9) &= (9 + (8! + 7)) + ((6 \times ((5^4) + (3! + 2!)) - 1) \\
 286006 &:= (1 + (((2 + (3! + (4! - 5!))) \times 6) + 7 \times 8!)) + 9 &= (((9 + 8!) \times 7) - 6) + ((5 \times (4! + (3! - 2))) - 1) \\
 286007 &:= 1 - (2 - ((3! \times 4^5) + (6^7 - 8 \times 9))) &= 9 + 8! + (7 + ((6 \times ((5^4) + (3! + 2!)) + 1)) \\
 286008 &:= (1 - (((2 - (3! + 4!)) \times 5) + 6)) + (7 \times (8! + 9)) &= (9 \times (8! - (7! + (6! \times 5)))) + (4! \times (3!^2 + 1)) \\
 286009 &:= ((1 + (2 \times ((3! \times 4) + 5!))) + 6^7) + 8 \times 9 &= ((9 + 8! \times 7) + (6 \times (5^4))) + 3^2 + 1 \\
 286010 &:= 1 \times (2 + ((3! \times 4^5) + (6^7 - 8 \times 9))) &= (9 + 8! \times 7) - (((6 - 5!) \times (4! + 3^2)) + 1) \\
 286011 &:= 1 + (2 + ((3! \times 4^5) + (6^7 - 8 \times 9))) &= 9 + 8! + ((7 \times 6) + (5! \times (4^{3!} / 2 - 1))) \\
 286012 &:= (1 + ((2 \times 3^4) + (5 \times 6! + 7 \times 8!))) + 9 &= (9 + 8! \times 7) - (((6 - 5!) \times (4! + 3^2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 286013 &:= ((1 + ((2 + 3!) + (4! - (5! + 6)))) \times 7) + 8!/9 &= (9 \times ((8 + (7! \times 6)) - 5)) + (4!^3 + 2 \times 1) \\
 286014 &:= 1 \times (2 \times (3! + (((4! + 5!) \times (6! - 7)) + 8! + 9))) &= (((9 + 8!) \times 7) + (6! + 5!)) + ((4 \times (3!! - 2)) - 1) \\
 286015 &:= 1 + (2 \times (3! + (((4! + 5!) \times (6! - 7)) + 8! + 9))) &= (9 \times (8!/7)) + ((6! + 5) \times (((4! - 3!)^2) - 1)) \\
 286016 &:= (1 - (((2 - 3!!) \times 4) - 5!)) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6 \times (5^4))) - (3!^2 + 1) \\
 286017 &:= (1 + (((2^{3!} + 4!) \times 5!) + 6^7)) - 8!/9 &= (((9 + 8!) \times 7) - 6) - (5! \times (4 - (3!^2 - 1))) \\
 286018 &:= (1 + 2 \times 3!!) - ((4 \times (5! - 6!)) - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6 \times (5^4))) - (3!^2 - 1) \\
 286019 &:= (1 \times 2 + ((3!! + 4!) \times 5)) - (6 - (7 \times (8! + 9))) &= (9 \times (8! - (7! + (6! \times 5)))) + (((4! + 3!)^2) - 1) \\
 286020 &:= (1 - ((2 - (3!! + 4!)) \times 5)) + (6 + (7 \times (8! + 9))) &= (9 \times (8! - 7!)) - (((6! \times 5)/4) \times (3!^2 - 1)) \\
 286021 &:= 1 - (((2 \times (3! + (4^5 + 6!))) + 7! - 8!) \times 9) &= (9 \times (8! - (7! + (6! \times 5)))) + (((4! + 3!)^2) + 1) \\
 286022 &:= 1 - (2 - ((3!! \times 4) + (5! + (6! + (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7) + ((6! + 5!) \times 4)) + (3!!/2 - 1) \\
 286023 &:= (((1 + 2 \times 3!!) \times ((4! + 5) \times 6)) - 7!) + (8! + 9) &= (9 + 8! - 7!) + (6 \times ((5 + 4!) \times (3!! \times 2 + 1))) \\
 286024 &:= 1 \times (((2 \times (3!! + 4!)) + 5!) + (6^7 + 8!/9)) &= ((9 + 8! \times 7) - 6!) + (5 \times (((4! + 3!)^2) - 1)) \\
 286025 &:= (1 + (2 \times (3!! + 4!))) + (5! + (6^7 + 8!/9)) &= 9 - (8 \times (7 - (((6! - (5! - (4! \times 3!!!)) \times 2) - 1))) \\
 286026 &:= (((1 + 2)! + 3!!) \times (4! - 5)) + ((6 \times 7! + 8) \times 9) &= (((9 + 8!) \times 7) + (6! \times 5 + 4)) + (((3 + 2)! - 1) \\
 286027 &:= ((1 \times 2 + 3!! + 4!) \times 5) - (6 - (7 \times (8! + 9))) &= (9 + 8! \times 7) + (((6 + 5!) \times (4! + 3!)) - (2 \times 1)) \\
 286028 &:= (1 + ((2 + 3!! + 4!) \times 5)) - (6 - (7 \times (8! + 9))) &= (9 + 8! \times 7) - (6! - ((5 \times ((4! + 3!)^2) - 1)) \\
 286029 &:= (1 + 2)!! - ((3 - (4! - (5 \times 6! + 7! - 8!))) \times 9) &= (((9 + 8!) \times 7) + 6) - (5! \times (4 - (3!^2 - 1))) \\
 286030 &:= 1 - (((2 - (3!! - (4! \times (5 + 6)))) \times (7!/8)) - 9) &= (9 + 8! \times 7) - (6! - ((5 \times ((4! + 3!)^2) + 1)) \\
 286031 &:= (1 \times 2 + ((3!!/4) + (5 \times 6! + 7 \times 8!))) + 9 &= ((9 + (8! + 7!)) \times 6) - (5 - ((4!^3) - (2 \times 1))) \\
 286032 &:= (1 + (((2 + 3!!) \times 4) + 5!)) + (6! + (7 \times (8! + 9))) &= 9 - ((8 \times (7 - ((6! - (5! - (4! \times 3!!!)) \times 2))) + 1) \\
 286033 &:= (((1 + 2)!^{3!} + 4^5) \times 6) - ((7 \times 8) - 9) &= 9 + ((8! \times 7 + (6 \times ((5^4) + 3!))) - (2 \times 1)) \\
 286034 &:= (1 + ((2^{3!} \times 4) + 5 \times 6!)) + (7 \times (8! - 9)) &= ((9 + 8! \times 7) + (6 \times (5^4))) + (3!^2 - 1) \\
 286035 &:= ((1 + 2)!!/3) + (((4! \times (5^6 - 7!))/8) \times 9) &= (((9 + (8! + 7!)) \times (6!/5!)) + (4!^3)) - 2 - 1 \\
 286036 &:= (1 - ((2 - (3!! + (4! - 5!))) \times 6)) + (7 \times (8! + 9)) &= (((9 + (8! + 7!)) \times (6!/5!)) + (4!^3)) - 2 \times 1 \\
 286037 &:= (((1 + 2^{3!}) \times 4) + 5 \times 6!) + (7 \times (8! - 9)) &= (((9 + (8! + 7!)) \times (6!/5!)) + (4!^3)) - 2 + 1 \\
 286038 &:= (((12 \times 3!!)/4) \times 5!) - (6 \times (7 - 8!/9)) &= ((9 + 8! \times 7) + ((6 \times ((5^4) + 3!)) + 2)) + 1 \\
 286039 &:= (((1 \times 2 + 3!! + 4!) \times 5) + 6) + (7 \times (8! + 9)) &= (((9 + (8! + 7!)) \times (6!/5!)) + (4!^3 + 2)) - 1 \\
 286040 &:= 1 - (2 - ((3 \times 4^5) + (6! + (7 \times 8! + 9)))) &= ((9 + 8!) \times 7) - (((6 - ((5^4) \times 3)) \times 2) + 1) \\
 286041 &:= (((1 + 2)!!/3) \times 4^5) - (((6 - 7!) \times 8) - 9) &= (((9 + (8! + 7!)) \times (6!/5!)) + (4!^3 + 2)) + 1 \\
 286042 &:= (1 + ((2 + 3!) \times 4!)) + (5 \times 6! + (7 \times 8! + 9)) &= (9 + (8 \times (7! - 6))) + ((5! \times (4^{3!}/2)) + 1) \\
 286043 &:= 1 \times (2 + ((3 \times 4^5) + (6! + (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) + (6 \times (5^4))) - (3^2 + 1) \\
 286044 &:= 1 + (2 + ((3 \times 4^5) + (6! + (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) + (6 \times (5^4))) - (3! + 2) - 1 \\
 286045 &:= (((1 + 2) \times 3!^4) - (5!/6)) + (7 \times (8! - 9)) &= (((9 + ((8! \times 7)/6)) + 5^4) \times 3!) + 2 - 1 \\
 286046 &:= 1 - (2 - (3! \times 4! + (5 \times 6! + (7 \times (8! + 9)))))) &= (9 \times ((8! + 7) - 6^5)) - (((4!^3)/2) + 1) \\
 286047 &:= ((1 + 2)^{3!+4}) + (((5 \times (6 + 7!)) - 8) \times 9) &= (((9 + ((8! \times 7)/6)) + 5^4) \times 3!) + 2 + 1 \\
 286048 &:= (1 + (2 + 3!)) + (4! + (5 \times 6! + (7 \times (8! + 9)))) &= (9 \times ((8! + 7) - 6^5)) - (((4!^3)/2) - 1) \\
 286049 &:= ((1 + (2 \times (3!! - (4! - 5!)))) + 6^7) + 8!/9 &= (9 \times ((8 + 7!) \times 6)) + (((5! - (4!/3!))^2) + 1) \\
 286050 &:= 1 + (2 + (3! \times 4! + (5 \times 6! + (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7) + (6 \times (5^4))) - (3! - 2) + 1
 \end{aligned}$$

$$\begin{aligned}
 286051 &:= (((1+2)!^3) + 4) + (5 \times 6! + 7 \times 8! - 9) &= (((9+8!) \times 7) + (6! \times 5)) + (4 \times (3!^2 + 1)) \\
 286052 &:= (1 + 2 \times 3!) \times (4 - ((5 \times (6! - 7! \times 8))/9)) &= (9 + 8! \times 7) + ((6 \times ((5^4) + 3^2)) - 1) \\
 286053 &:= 1 - ((2 \times (3!! + ((4! + 5) \times (6 - 7!)))) + 8!/9) &= (9 \times (8 + (7! \times 6))) - (5 - (4!^3 + 2 \times 1)) \\
 286054 &:= (((1+2) \times 3!^4) - 5) - (6 - (7 \times (8! - 9))) &= 9 + (8! \times 7 + ((6 \times ((5^4) + 3^2)) + 1)) \\
 286055 &:= (((((1+2)^3) + 4!) \times 5!) + 6^7) + (8 - 9) &= (9 \times (8! - (7! + (6!/5 \times 4)))) - (3!!/2 + 1) \\
 286056 &:= (1 \times 2 + 3!) \times (4 \times 5! + (6 - (7! - 8! + 9))) &= (9 \times (8! - 7!)) - ((6^5 \times 4) + (3!!/2 \times 1)) \\
 286057 &:= (((((1+2)^3) + 4!) \times 5!) + 6^7) - (8 - 9) &= (9 \times (8! - 7!)) - ((6^5 \times 4) + (3!!/2 - 1)) \\
 286058 &:= (1 \times 2 + 3!!) + ((4! - (5 \times 6! + 7! - 8!)) \times 9) &= ((9+8!) \times 7) - ((6 \times (5! - (4! + 3!! + 2))) + 1) \\
 286059 &:= 1 \times (((2 + (3!! + (4! - 5!))) \times 6) + (7 \times (8! + 9))) &= (9 + 8 \times 7!) + ((6 \times 5) \times ((4^{3!} \times 2) - 1)) \\
 286060 &:= (1 + ((2 + (3!! + (4! - 5!))) \times 6)) + (7 \times (8! + 9)) &= ((9+8!) \times 7) - ((6 \times (5! - (4! + 3!! + 2))) - 1) \\
 286061 &:= 1 \times (2 - ((3 - (4! + 5 \times 6!)) \times (7 + 8 \times 9))) &= (((9+8!) \times 7) + 6) + (((5^4) \times 3!) + 2 \times 1) \\
 286062 &:= 1 + (2 - ((3 - (4! + 5 \times 6!)) \times (7 + 8 \times 9))) &= ((9 \times (8 + (7! \times 6))) + 5) + (4!^3 + (2 - 1)) \\
 286063 &:= (((1 \times 2 + 3!)/ (4 + 5)) - 6!) + (7 \times (8! + 9)) &= (((9+8!) \times 7) + (6 \times (5^4))) + 3^2 + 1 \\
 286064 &:= (((1+2)! \times (3+4!)) - (5^6 - (7 \times 8!))) + 9 &= (9 + (8! \times 7 + (6! \times 5))) + ((4! \times (3^2)) - 1) \\
 286065 &:= (((1+2)!/3) \times 4^5) - 6) + (7! \times 8 - 9) &= (9 + (8! \times 7 + (6!/5 \times 4!))) + (3!!/2 \times 1) \\
 286066 &:= (1 + 2 \times 3! \times 4!) + (5 \times 6! + (7 \times (8! - 9))) &= (9 + (8! \times 7 + (6! \times 5))) + ((4! \times (3^2)) + 1) \\
 286067 &:= (((1+2)!/3) - (4 - (5 \times 6!))) + (7 \times 8! - 9) &= ((9+8) \times ((7!/6!)^5)) - ((4! - 3!!)/2 \times 1) \\
 286068 &:= ((1+2)! + ((3 \times 4) + 5 \times 6!)) \times (7 + 8 \times 9) &= ((9+8) \times ((7!/6!)^5)) - (((4! - 3!!)/2) - 1) \\
 286069 &:= ((1+2)! + ((3! \times 4^5) + (6^7 - 8))) - 9 &= (9 + (8! \times 7 + 6!)) + ((5! + 4) \times ((3! - 2)! + 1)) \\
 286070 &:= (((1+2)!/3) \times 4^5) + 6) - (7 - 8! + 9) &= ((9+8!) \times 7) + ((6 \times ((5^4) + 3)) - (2 - 1)) \\
 286071 &:= (1 \times 2 + 3!)! + (((4 \times 5! + 6 \times 7!) \times 8) - 9) &= (((9+8!) \times 7) - 6!) - (5! - ((4!^3)/(2+1))) \\
 286072 &:= (1 + (2 + 3!))! + (((4 \times 5! + 6 \times 7!) \times 8) - 9) &= (9 + 8! \times 7) + ((6 \times ((5^4) + (3! \times 2))) + 1) \\
 286073 &:= (1 + ((2^{3!} \times 4!) + (5! + 6^7))) + 8!/9 &= ((9 - (8 - 7)))! - (6 - ((5! \times (4^{3!}/2)) - 1)) \\
 286074 &:= (1+2)! - (((3!! - 4) \times 5) - (6 - (7! - 8!))) \times 9 &= 9 + 8! - (((7 - ((6 \times 5) \times 4^{3!})) \times 2) + 1) \\
 286075 &:= (((1+2)!/3) + 4) + (5 \times 6! + 7 \times 8! - 9) &= 9 + 8! - 7 - (6 - ((5! \times (4^{3!}/2)) - 1)) \\
 286076 &:= (((1+2) \times 3!^4) + 5) + (6 + (7 \times (8! - 9))) &= 9 + 8! - 7 + (6 \times ((5 \times 4^{3!} \times 2) - 1)) \\
 286077 &:= 1 \times (((2+3!) \times (4 \times 5!)) + ((6+7 \times 8!) - 9)) &= 9 + 8! - 7 - (6 - ((5! \times (4^{3!}/2)) + 1)) \\
 286078 &:= 1 + (((2+3!) \times (4 \times 5!)) + ((6+7 \times 8!) - 9)) &= (((9+8!) \times 7) - 6!) + (5 \times (((4! + 3!)^2) - 1)) \\
 286079 &:= 1 + ((2 - ((3! \times 4^5) + 6^7)) \times (8 - 9)) &= (9 \times (8! - 7!)) - (6! + ((5! \times (4^{3! - 2})) + 1)) \\
 286080 &:= (1 \times 2^{3!}) \times ((4! - (5! - (6 + 7! \times 8)))/9) &= ((9 - (8 - 7)) \times (6! \times 5 - 4!)) \times (3^2 + 1) \\
 286081 &:= (1 - ((2^{3!} \times (4 \times 5!)) + 6!)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - ((6! + (5! \times (4^{3! - 2}))) - 1) \\
 286082 &:= (((1 + (2 \times 3!^4)) \times (5! - 6)) - 7!) - 8!/9 &= ((9+8! \times 7) - 6) - ((5! \times (4 - 3!^2)) + 1) \\
 286083 &:= 1 - ((2 + ((3! \times 4^5) + 6^7)) \times (8 - 9)) &= (9 + 8 \times 7!) + (6 \times ((5 \times 4^{3!} \times 2) - 1)) \\
 286084 &:= (((1+2)!/3) \times 4^5) + 6) + (7 + 8! - 9) &= ((9+8! \times 7) - 6) - ((5! \times (4 - 3!^2)) - 1) \\
 286085 &:= 1 \times (2 + ((3!!/4) + (5 \times 6! + (7 \times (8! + 9)))) &= (9 + 8! \times 7) - (((6 - (5! \times (4^3)))/2) + 1) \\
 286086 &:= 1 + (2 + ((3!!/4) + (5 \times 6! + (7 \times (8! + 9)))) &= (9 + 8! \times 7) - ((6 - (5! \times (4^3)))/2 \times 1) \\
 286087 &:= 1 \times ((2^{3!} \times 4) + (5 \times 6! + 7 \times 8! - 9)) &= 9 + 8! - 7 + ((6 + (5! \times (4^{3!}/2))) - 1) \\
 286088 &:= 1 \times ((2 \times (3!! - (4 - 5!))) + (6^7 + 8!/9)) &= (((9+8!) \times 7) + (6 \times (5^4))) + (3!^2 - 1)
 \end{aligned}$$

$$\begin{aligned}
 286089 &:= 1 + ((2 \times (3!! - (4 - 5!))) + (6^7 + 8!/9)) &= 9 + 8! - 7 + (6 + ((5! \times (4^{3!}/2) + 1)) \\
 286090 &:= (1 + (2 + 3!)) + (((4 \times 5! + 6 \times 7!) \times 8) + 9) &= (((9 + 8!) \times 7) + (6 \times (5^4))) + 3!^2 + 1 \\
 286091 &:= 1 \times (((2 + 3)!/4!) - 5) + (6^7 + 8!/9) &= (9 + 8! \times 7) + (((6 + (5! \times (4^3)))/2) - 1) \\
 286092 &:= 1 + (((2 + 3)!/4!) - 5) + (6^7 + 8!/9) &= (9 \times ((8 + 7!) \times 6)) + (((5!/4)^3)/2 \times 1) \\
 286093 &:= ((1 - (2 - 3!!) \times 4) \times 5) + (6 \times ((7! - 8) \times 9)) &= (9 \times ((8 + 7!) \times 6)) + (((5!/4)^3)/2) + 1) \\
 286094 &:= 1 - (2 - ((3 \times 4^5) + (6! + (7 \times (8! + 9)))))) &= (9 + 8! \times 7 + 6) - ((5! \times (4 - 3!^2)) + 1) \\
 286095 &:= (((1 + 2)!!/3) \times 4^5) + 6) + (7! \times 8 + 9) &= ((9 + (8! + 7)) + ((6 \times 5) \times 4^{3!} \times 2)) - 1 \\
 286096 &:= ((1 + 2^{3!}) \times 4!) + (5! + (6^7 + 8!/9)) &= (9 + 8! \times 7 + 6) - ((5! \times (4 - 3!^2)) - 1) \\
 286097 &:= (1 \times 2 + ((3 \times 4^5) + 6!)) + (7 \times (8! + 9)) &= 9 - (8 \times (7 \times 6! - ((5! \times 4) + ((3! + 2)! + 1)))) \\
 286098 &:= (((1 + 2) \times (3!^4 - 5)) - (6 - (7 \times 8!))) - 9 &= ((9 + ((8!/(7 \times 6)) \times (5 + 4! \times 3!))) \times 2) \times 1 \\
 286099 &:= (((1 + 2) \times 3!^4) - (5!/6)) + (7 \times 8! - 9) &= (9 + 8! \times 7) - ((6 - (5! - 4)) \times (3!^2 - 1)) \\
 286100 &:= ((1 + 2) + ((3! \times 4^5) + (6^7 + 8))) + 9 &= ((9 + 8!) \times 7) + ((6 \times (5^4) + (3! + 2))) - 1) \\
 286101 &:= ((1 \times 2 + 3!)/4!) + (5 + (6^7 + 8!/9)) &= (9 + (8! + 7)) + ((6 + (5! \times (4^{3!}/2))) - 1) \\
 286102 &:= 1 - ((2 - (3 \times ((4 + 5^6) - (7! - 8)))) \times 9) &= (9 + 8! \times 7) + (((6^5 - (4! \times 3))/2) + 1) \\
 286103 &:= ((1 + 2)! + ((3! \times 4^5) + (6^7 + 8))) + 9 &= (9 + (8! + 7)) + (6 + ((5! \times (4^{3!}/2) + 1)) \\
 286104 &:= 1 \times ((2 + 3!) \times ((4 \times 5!) - ((6 + 7!) - 8! - 9))) &= (9 + (8! \times 7 + 6!)) + (((5! - 4^3)^2) - 1) \\
 286105 &:= ((1 + (2 \times (3!! + 4 + 5!))) + 6^7) + 8!/9 &= (9 \times 8 \times (7!/6)) + ((5^4) \times (3!!/2 + 1)) \\
 286106 &:= (1 + ((2^{3!} \times 4) + 5 \times 6!)) + (7 \times 8! + 9) &= ((9 + 8!) \times 7) + ((6 \times (5^4) + 3^2)) - 1) \\
 286107 &:= (((1 + 2) \times 3!^4) - (5 \times 6)) + (7 \times 8! + 9) &= (9 \times (8 + ((7! \times 6) + 5))) + (4!^3 + (2 + 1)!) \\
 286108 &:= (((1 + 2) \times 3!^4) - 5) - (6 - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) + ((6 \times (5^4) + 3^2)) + 1) \\
 286109 &:= 1 - ((2 \times (3^4 + 5^6)) + ((7! - 8!) \times 9)) &= ((9 + 8! - 7!) \times 6) + ((5^4) \times (((3 + 2)! - 1)) \\
 286110 &:= ((1 + 2)!) + ((3! + (4! - (5 \times 6! + 7! - 8!))) \times 9) &= (((9 + (((8! + 7!) \times 6) + 5!)) + (4!^3)) - 2) - 1 \\
 286111 &:= (((1 \times 23)^4) - (5! - 6!)) + ((7!/8) \times 9) &= (((9 + (((8! + 7!) \times 6) + 5!)) + (4!^3)) - 2) \times 1 \\
 286112 &:= ((1 + (23^4)) - (5! - 6!)) + ((7!/8) \times 9) &= (((9 + (((8! + 7!) \times 6) + 5!)) + (4!^3)) - 2) + 1 \\
 286113 &:= (((1 + 2)^3) \times (4! + 5!)) - (6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6! \times 5 + 4!))) + (3!!/(2 + 1)) \\
 286114 &:= (1 + (((2 \times 34) + 5 \times 6!) \times 78)) + 9 &= (9 + ((8! + 7!) \times 6)) + (5! + (4!^3 + (2 - 1))) \\
 286115 &:= (((1 + 2)! \times (3 + 4^5)) + (6^7 + 8)) + 9 &= (9 + ((8! + 7!) \times 6)) + (5! + (4!^3 + 2 \times 1)) \\
 286116 &:= (1 - ((2 - 3^4) \times (5 \times (6! - 7)))) + 8!/9 &= ((9 + 8) \times (((7!/6!)^5) + 4!)) - ((3! \times 2) - 1) \\
 286117 &:= (((1 + 2) \times 3!^4) - (5!/6)) + (7 \times 8! + 9) &= (9 + 8! \times 7) - (6! - ((5! + 4) \times (3!^2 + 1))) \\
 286118 &:= 1 - (2 - (3 \times (((4 + 5^6) - (7! - 8)) \times 9))) &= (((9 + 8!) \times 7) + (6! \times 5)) + ((4! \times (3^2)) - 1) \\
 286119 &:= (1 - ((2 - (3!! \times 4) \times 5)) + (6 \times ((7! - 8) \times 9)) &= (((9 + 8!) \times 7) + (6!/5 \times 4!)) + (3!!/2 \times 1) \\
 286120 &:= (1 + 2 \times 3! \times 4!) + (5 \times 6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6! \times 5)) + ((4! \times (3^2)) + 1) \\
 286121 &:= 1 \times (2 + (3 \times (((4 + 5^6) - (7! - 8)) \times 9))) &= (9 + 8! \times 7) + (((6^5 - (4! + 3!))/2) - 1) \\
 286122 &:= 1 + (2 + (3 \times (((4 + 5^6) - (7! - 8)) \times 9))) &= 9 + (8! \times 7 + ((6^5 - (4! + 3!))/2 \times 1)) \\
 286123 &:= (((1 + 2)!^3) + 4) + (5 \times 6! + (7 \times (8! + 9))) &= 9 + (8! \times 7 + (((6^5 - (4! + 3!))/2) + 1)) \\
 286124 &:= ((12^3) - (4 \times 5 - 6^7)) + 8!/9 &= 9 + ((8! \times 7 + ((6^5 - (4 \times 3!))/2)) - 1) \\
 286125 &:= (1 + 2)! + (3 \times (((4 + 5^6) - (7! - 8)) \times 9)) &= (9 + 8! \times 7) - ((6 - 5!) \times (4! + (3^2 + 1))) \\
 286126 &:= (((1 + 2) \times 3!^4) - 5) - (6 - (7 \times 8! + 9)) &= (9 + 8! \times 7) + (((6^5 - (4 \times 3!))/2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 286127 &:= (1 - (2 \times ((3 \times 4!) + 5^6))) - ((7! - 8!) \times 9) &= 9 + ((8! \times 7 + ((6^5 - (4! - 3!))/2)) - 1) \\
 286128 &:= (1 \times 2 + 3!) - ((4! \times 5! - (6 \times (7! - 8))) \times 9) &= (((9 + 8) \times (((7!/6!)^5 + 4!)) + 3) - 2 \times 1) \\
 286129 &:= (1 + (2 + 3!)) - ((4! \times 5! - (6 \times (7! - 8))) \times 9) &= (9 + 8! \times 7) + (((6^5 - (4! - 3!))/2) + 1) \\
 286130 &:= (1 \times 2 + (3! \times (4 \times 5))) + (6 \times ((7! - 8) \times 9)) &= 9 + 8! + (((7 \times 6) + (5! \times (4^3/2))) - 1) \\
 286131 &:= (((1 + 2)^3) \times (4! + 5!)) - (6 - (7 \times 8! + 9)) &= 9 + 8! + ((7 \times 6) + (5! \times (4^3/2 \times 1))) \\
 286132 &:= ((12^3) + 4) + (5 \times (6! \times (7 + 8 \times 9))) &= 9 + 8! + ((7 \times 6) + ((5! \times (4^3/2)) + 1)) \\
 286133 &:= ((1 - (2 \times (3! \times 4))) \times 5) + ((6^7/8) \times 9) &= (9 + 8! \times 7) + ((6^5 - 4!/3)/2 \times 1) \\
 286134 &:= ((1 + 2)! + (3! \times (4 \times 5))) + (6 \times ((7! - 8) \times 9)) &= ((9 + 8) \times (((7!/6!)^5 + 4!)) + (3! + (2 - 1))) \\
 286135 &:= ((1 + 2) \times 3! + (4^5 + 6!)) + (7 \times 8! - 9) &= (9 + 8! \times 7) - ((6^5/(4 - 3!)) + 2 \times 1) \\
 286136 &:= (((1 + 2) \times 3! - 4!) \times 5) + 6^7 - 8!/9 &= (((9 + 8!) \times 7) - 6) - ((5! \times (4 - 3!^2)) + 1) \\
 286137 &:= (((1 + 2)!/3) \times 4^5) + (((6 + 7!) \times 8) + 9) &= (9 + (8 \times (7! + 6))) + (5! \times (4^3/2 \times 1)) \\
 286138 &:= (1 + 2 \times 3! \times 4!) + (5 \times 6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6) - ((5! \times (4 - 3!^2)) - 1) \\
 286139 &:= (1 + ((2 + 3! \times 4) \times 5)) + (6 \times ((7! - 8) \times 9)) &= ((9 + 8!) \times 7) - (((6 - (5! \times (4^3)))/2) + 1) \\
 286140 &:= 1 + (2 + (((3 + 4!) \times 5!) + (6! + (7 \times (8! - 9)))) &= ((9 + 8! \times 7) + (((6^{5!/4!}) + 3!)/2)) \times 1 \\
 286141 &:= ((1 + 2) \times ((3! \times (4! + 5^6)) - 7)) + 8!/9 &= ((9 + 8! \times 7) + (((6^{5!/4!}) + 3!)/2)) + 1 \\
 286142 &:= (1 + (23^4)) - ((5 - (6! - (7 + 8))) \times 9) &= (((9 + 8!) \times 7) + ((6! - 5!) \times 4)) + 3! \times 2 - 1 \\
 286143 &:= (((1 + 2 \times 3!) \times 4!) + 5 \times 6!) + (7 \times 8! - 9) &= ((9 + 8! \times 7) + ((6^5 + (4 + 3!))/2)) + 1 \\
 286144 &:= (1 + 2 \times 3!) - ((4 \times (5! - 6!)) - (7 \times (8! + 9))) &= ((9 + 8!) \times 7!/6! - ((5! \times (4 - 3!^2)) - 1) \\
 286145 &:= 1 \times (((2 \times (3! - (4! \times (5 - 6!)))) + 7) \times 8) + 9 &= ((9 + 8!) \times 7) + (((6 + (5! \times (4^3)))/2) - 1) \\
 286146 &:= 1 + (((2 \times (3! - (4! \times (5 - 6!)))) + 7) \times 8) + 9 &= ((9 + 8) \times (((7!/6!)^5 + 4)) + (3!/2 - 1) \\
 286147 &:= 1 \times ((2^{3 \times 4}) - (5! + (6 - (7 \times (8! - 9)))) &= 9 + (8! \times 7 + (((6^5 + (4! - 3!))/2) + 1)) \\
 286148 &:= 1 \times 2 - (((3! - 4!) \times 5) + ((6 + 7!) - 8!) \times 9) &= (((9 + 8!) \times 7) + 6) - ((5! \times (4 - 3!^2)) + 1) \\
 286149 &:= 1 \times (((2 + 3!) \times (4 \times 5!)) + (6 + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + 6!) + ((5!/4!)^{3+2}) + 1 \\
 286150 &:= 1 + (((2 + 3!) \times (4 \times 5!)) + (6 + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + 6) - ((5! \times (4 - 3!^2)) - 1) \\
 286151 &:= 1 - (2 - ((3! \times 4^5) + (6^7 + 8 \times 9))) &= 9 + ((8! \times 7 + ((6^5 + (4! + 3!))/2)) - 1) \\
 286152 &:= (1 \times 2 + 3!) \times ((4! \times (5!/6)) - (7! - 8! - 9)) &= (9 + 8! - (7 \times 6! - (5! \times 4))) \times (3! + 2 \times 1) \\
 286153 &:= ((1 + 2) \times 3! + (4^5 + 6!)) + (7 \times 8! + 9) &= ((9 + 8!) \times 7) - ((6 - (5! - 4)) \times (3!^2 - 1)) \\
 286154 &:= ((1 - (2 \times (3! + 4!))) \times (5! - 6 - 7!)) - 8!/9 &= (9 + 8! \times 7) - ((6 + 5) \times (4 - (3!/2 - 1))) \\
 286155 &:= 1 + (2 + ((3! \times 4^5) + (6^7 + 8 \times 9))) &= (((9 \times 8) + 7) \times (6! \times 5 + 4)) + 3! \times 2 - 1 \\
 286156 &:= 1 \times (2 \times 3! + ((4 + 5 \times 6!) \times (7 + 8 \times 9))) &= ((9 + 8!) \times 7) + (((6^5 - (4! \times 3))/2) + 1) \\
 286157 &:= 1 + 2 \times 3! + ((4 + 5 \times 6!) \times (7 + 8 \times 9)) &= (9 \times (8 + (7! \times 6))) + (((5! + (4 - 3!))^2) + 1) \\
 286158 &:= (((1 + 2)! + 3! \times 4) \times 5) + (6 \times ((7! - 8) \times 9)) &= (((9 + 8!) \times 7) + 6!) + (((5! - 4^3)^2) - 1) \\
 286159 &:= 1 \times ((2^{3 \times 4}) - (5! - (6 + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + 6!) + ((5! - 4^3)^2 \times 1) \\
 286160 &:= (1 + ((2^3! \times 4) + 5 \times 6!)) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + 6!) + (((5! - 4^3)^2) + 1) \\
 286161 &:= (1 + (((2 + 3!)! + (4 \times 5! + 6!)) \times 7)) - 8!/9 &= (9 + (8 \times (7! - 6))) + (5! \times (4^3/2 + 1)) \\
 286162 &:= ((1 \times 2 + 3!) + 4^5) + (6^7 + 8!/9) &= ((9 + 8) \times (((7!/6!)^5 + 4!)) + (3!^2 - 1) \\
 286163 &:= (((1 + 2^3!) \times 4) + 5 \times 6!) + (7 \times (8! + 9)) &= 9 + (((8! \times 7) - 6) + (5 \times ((4^3) + (2 + 1)!))) \\
 286164 &:= (1 + 2)! \times (3! - ((4 \times (5! - 6!)) - ((7! - 8) \times 9))) &= ((9 + 8) \times (((7!/6!)^5 + 4!)) + 3!^2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 286165 &:= (1 - (2 \times (3 - 4!))) \times (((5! + 6! - 7) \times 8) - 9) &= (9 + 8! \times 7) - ((6 + 5) \times (4 - (3!/2 \times 1))) \\
 286166 &:= ((1 + 2)!)! + (3! + (4^5 + (6^7 + 8!/9))) &= (9 + 8! \times 7) - (((6 + 5) \times (4 - 3!/2)) - 1) \\
 286167 &:= ((1 + ((2 + 3)!) + (4 \times 5! + 6!)) \times 7) - 8!/9 &= 9 + 8! - ((7 \times 6) - (5! \times (4^{3!}/2 + 1))) \\
 286168 &:= 1 \times (((2 + 3!) \times (4 \times 5)) + (6 \times ((7! - 8) \times 9))) &= (9 + 8! \times 7) + (((6^5 + 4^3)/2) - 1) \\
 286169 &:= (1 + ((2 + 3!) \times (4 \times 5))) + (6 \times ((7! - 8) \times 9)) &= (9 + (8! \times 7 + ((6! \times 5!)/(4! + 3)))) + ((2 + 1)!)! \\
 286170 &:= (1 + 2)! \times (((3!) + ((4! + (5 + 6!)) \times 7)) \times 8) - 9 &= (9 + ((8!/7!) \times (6! \times 5 - 4!))) \times (3^2 + 1) \\
 286171 &:= (((1 + 2) \times 3!^4) - (5!/6)) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) - (6! - ((5! + 4) \times (3!^2 + 1))) \\
 286172 &:= ((12 + 3!) + (4^5 + 6^7)) + 8!/9 &= (9 + (8! \times 7 + (6! \times 5))) + (((4! - 3!)^2) - 1) \\
 286173 &:= ((1 + ((2 + 3!) \times 4)) \times 5) + (6 \times ((7! - 8) \times 9)) &= (9 + (8! \times 7 + (6! \times 5))) + ((4! - 3!)^2 \times 1) \\
 286174 &:= 1 \times (2 \times (((3!) \times 4! - (5! - 6! - 7)) \times 8) - 9) &= (9 \times (8 + (7! \times 6))) + ((5! + (4!^3)) - (2 \times 1)) \\
 286175 &:= 1 + (2 \times (((3!) \times 4! - (5! - 6! - 7)) \times 8) - 9) &= ((9 + 8!) \times 7) + (((6^5 - (4! + 3!))/2) - 1) \\
 286176 &:= (((1 + 2)!! + 3^4) \times 5) - 6) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) + ((6^5 - (4! + 3!))/2 \times 1) \\
 286177 &:= 1 + (((2 - 3!) \times 4!) + (56 \times (7! + 8 \times 9))) &= ((9 + 8!) \times 7) + (((6^5 - (4! + 3!))/2) + 1) \\
 286178 &:= 1 - (2 - ((34 \times (5! - 6)) + (7 \times (8! + 9)))) &= ((9 + 8!) \times 7) + (((6^5 - (4 \times 3!))/2) - 1) \\
 286179 &:= ((1 + 2)^{3!+4}) - (5 \times (6 - ((7! + 8) \times 9))) &= ((9 + 8!) \times 7) - ((6 - 5!) \times (4! + (3^2 + 1))) \\
 286180 &:= (((1 + 2) \times 3!^4) - 5) - (6 - (7 \times (8! + 9))) &= ((9 + 8!) \times 7) + (((6^5 - (4 \times 3!))/2) + 1) \\
 286181 &:= (((1 \times 23)^4) - 5) + ((6! - (7 + 8)) \times 9) &= ((9 + 8!) \times 7) + (((6^5 - (4! - 3!))/2) - 1) \\
 286182 &:= 1 \times (((2 \times (3 - (4^5 + 6!))) - (7! - 8!)) \times 9) &= ((9 + 8!) \times 7) + (((6!/5!)^4) - 3) \times (2 + 1) \\
 286183 &:= 1 + (((2 \times (3 - (4^5 + 6!))) - (7! - 8!)) \times 9) &= ((9 + 8!) \times 7) + (((6^5 - (4! - 3!))/2) + 1) \\
 286184 &:= (1 + (2 \times ((3! \times 4! - (5! - 6! - 7)) \times 8))) - 9 &= (9 + (8! \times 7 + (6! \times 5 - 4!))) + (3!/2 - 1) \\
 286185 &:= ((1 + 2)!)! + (((3 + 4!) \times 5!) - (6 - (7 \times 8! - 9))) &= (9 + (8! \times 7 + (6! \times 5 - 4!))) + (3!/2 \times 1) \\
 286186 &:= ((1 \times 23)^4) - (((5! - (6! + 7!))/8) \times 9) &= (9 + (8! \times 7 + (6! \times 5 - 4!))) + (3!/2 + 1) \\
 286187 &:= (1 + (23^4)) - (((5! - (6! + 7!))/8) \times 9) &= (((9 + 8!) \times 7) + (((6^{5!/4!}) - 3!)/2)) - 1 \\
 286188 &:= (((1 + 2)!! + 3^4) \times 5) + 6) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + (((6^{5!/4!}) - 3!)/2)) \times 1 \\
 286189 &:= ((12^3) + (45 + 6^7)) + 8!/9 &= (((9 + 8!) \times 7) + (((6^{5!/4!}) - 3!)/2)) + 1 \\
 286190 &:= (((1 + 2) \times 3!^4) + 5) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6! \times 5)) + ((4! \times 3! \times 2) - 1) \\
 286191 &:= ((1 + 2)^{3!+4}) + (((5 \times (6 + 7!)) + 8) \times 9) &= (((9 + 8!) \times 7) + ((6^5 - 4 + 3!)/2)) - 1 \\
 286192 &:= (1 + ((2 \times 3!)/4)) + (5 \times 6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6! \times 5)) + ((4! \times 3! \times 2) + 1) \\
 286193 &:= (1 \times 2 + (((3 + 4!) \times 5!) + (6! + 7 \times 8!))) - 9 &= (((9 + 8!) \times 7) + (((6^{5!/4!}) + 3!)/2)) - 1 \\
 286194 &:= ((1 + 2) + (((3 + 4!) \times 5!) + (6! + 7 \times 8!))) - 9 &= (((9 + 8!) \times 7) + (((6^{5!/4!}) + 3!)/2)) \times 1 \\
 286195 &:= (1 + 2^{3!}) \times ((4 \times 5 - (6! - (7 + 8!)))/9) &= (((9 + 8!) \times 7) + (((6^{5!/4!}) + 3!)/2)) + 1 \\
 286196 &:= (((1 + 2) \times ((3! - 4) \times 5)) + 6^7) - 8!/9 &= 9 + 8! - 7 - (6 - (5! \times (4^{3!}/2 + 1))) \\
 286197 &:= ((1 + 2)! + ((3 + 4!) \times 5!)) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + ((6^5 + (4 + 3!))/2)) + 1 \\
 286198 &:= ((-1 - 2) - (((3! - 4!) \times (5^6)) - 7!)) - 89 &= (9 + (8! \times 7 + (6! \times 5))) - (((4! - 3!)/2) - 1) \\
 286199 &:= 1 \times ((2 \times (3!^4 - (5 - 6!))) + (7 \times (8! - 9))) &= (9 \times (8! - 7!)) - (((6! \times ((5 + 4!) \times 3))/2) + 1) \\
 286200 &:= ((1 - (2^{3!} \times 4)) \times 5!) - (6! + ((7! - 8!) \times 9)) &= (9 - ((8! - 7!)/6!)) \times (5 \times (((4 - 3!) \times 2) + 1)) \\
 286201 &:= (1 + (2 + 3)!) + (4! \times (5 + (6! + (7! + 8!/9)))) &= (9 \times (8! - 7!)) - (((6! \times ((5 + 4!) \times 3))/2) - 1) \\
 286202 &:= (1 + (2 \times ((3! \times 4! - (5! - 6! - 7)) \times 8))) + 9 &= ((9 + 8! \times 7) - 6) + ((5! \times (4! + 3^2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 286203 &:= ((1+2)!) + (((3+4!) \times 5!) - (6 - (7 \times 8! + 9))) &= ((9+8! \times 7) - 6) - (5! \times (4 - (3!^2 + 1))) \\
 286204 &:= ((12 \times (3! \times 4! + 5)) + 6^7) + 8!/9 &= ((9+8! \times 7) - 6) + ((5! \times (4! + 3^2)) + 1) \\
 286205 &:= (1 - 2^{3!}) - (4 - (56 \times (7! + 8 \times 9))) &= ((9+8!) \times 7) + (((6^5 + (4! + 3!))/2) - 1) \\
 286206 &:= (1+2)! \times ((3 \times ((4 \times 5 \times 6!) + 7)) + 8!/9) &= (9 + (8! \times 7 + (6! \times 5 - 4))) + (3!/2 + 1) \\
 286207 &:= 1 \times (((((2 \times 3!)^4) - 5^6) \times 7 \times 8) - 9) &= (9 + (8! \times 7 + (6! + (5! \times (4! + 3)))) - 2 \times 1 \\
 286208 &:= (1 + (((2 \times 3!)^4) - 5^6) \times 7 \times 8) - 9 &= ((9 \times (8! - 7!))/6) + (((5! \times 4) + 3^2) - 1) \\
 286209 &:= ((1+2)^{3!+4}) + (5 \times (((6! \times 7) + 8) \times 9)) &= ((9 \times (8! - 7!))/6) + (((5! \times 4) + 3)^2 \times 1) \\
 286210 &:= (1 + ((2 \times 3!)/4)) + (5 \times 6! + (7 \times 8! + 9)) &= ((9 \times (8! - 7!))/6) + (((5! \times 4) + 3^2) + 1) \\
 286211 &:= (1 - (2 \times ((3! + 4!) + 5^6))) - ((7! - 8!) \times 9) &= (9 + (8! \times 7 + (6! + (5! \times (4! + 3)))) + (2 \times 1) \\
 286212 &:= (1+2)! \times ((3 \times 4!) + (5 \times (6 + (7! + 8!/9)))) &= (9 + (8! \times 7 + (6! \times 5 + 4))) + (3!/2 - 1) \\
 286213 &:= 1 \times ((2^{3 \times 4}) - (5! - ((6 + 7 \times 8!) - 9))) &= (9 + (8! \times 7 + (6! \times 5 + 4))) + (3!/2 \times 1) \\
 286214 &:= ((1 + (2^{3 \times 4})) - (5! - 6)) + (7 \times 8! - 9) &= (9 + 8! \times 7 + 6) + ((5! \times (4! + 3^2)) - 1) \\
 286215 &:= 1 \times (((2+3)! \times 4) + ((5^6 - 7) \times 8)) - 9 &= (9 + 8! \times 7 + 6) - (5! \times (4 - (3!^2 + 1))) \\
 286216 &:= 1 + (((2+3)! \times 4) + ((5^6 - 7) \times 8)) - 9 &= (9 + 8! \times 7 + 6) + ((5! \times (4! + 3^2)) + 1) \\
 286217 &:= (1 - (2 \times (3 + 4! + 5^6))) - ((7! - 8!) \times 9) &= (9 \times (8! - (7! + 6))) - (((5!/4!)^{3!}) \times 2) - 1) \\
 286218 &:= (((1+2)!! - 3^4) \times 5) + 6! + (7 \times (8! + 9)) &= ((9+8! \times 7) - 6) - (5! - (4^{3!} - (2 - 1))) \\
 286219 &:= ((1 + (2 + 3!)) \times 4) + (((5^6 - 7) \times 8) - 9) &= (((9+8!) \times 7) - ((6+5) \times (4 - 3!/2))) \times 1 \\
 286220 &:= (1 + (2 \times (3!^4 + (5 + 6!)))) + (7 \times (8! - 9)) &= (9 + (8! \times 7 + (6! \times 5 + ((4! + 3!)/2)))) - 1 \\
 286221 &:= (((1 + ((2 \times 3!)/4)) \times 5) + 6^7) + 8!/9 &= (9 + (8! \times 7 + (6! \times 5 + ((4! + 3!)/2)))) \times 1 \\
 286222 &:= (-1 \times 2) + (((3! - 4^5) \times 6) + 7!) \times 89 &= ((9+8!) \times 7) + (((6^5 + 4^3)/2) - 1) \\
 286223 &:= (1 - (2 \times ((3! \times 4) + 5^6))) - ((7! - 8!) \times 9) &= (9 + (8! \times 7!/6!)) - (5! - (4^{3!} - (2 \times 1))) \\
 286224 &:= ((1+2)! - ((3! - 4!) \times (5^6))) + (7! - 8 \times 9) &= ((9 + (8! \times 7!/6!)) - 5!) + (4^{3!} - (2 - 1)) \\
 286225 &:= ((1 + 2 \times 3! - 4!) \times (5 \times 6 \times 7 - 8)) - 9 &= 9 - (8 \times (((7+6) \times (5! - (4 \times (3! - 2)))) - 1)) \\
 286226 &:= (1 + (((2 \times 3!)^4) - 5^6) \times 7 \times 8) + 9 &= (((9+8!) \times 7) + (6! \times 5)) + (((4! - 3!)^2) - 1) \\
 286227 &:= (1+2)!! - (3 \times (4! - ((5^6 - 7! - 8) \times 9))) &= (((9 + (8! \times 7!/6!)) - 5!) + 4^{3!}) + (2 \times 1) \\
 286228 &:= 1 \times ((2 \times ((3 - 4!) - 5^6)) - ((7! - 8!) \times 9)) &= (9 + 8! \times 7 + 6) - (5! - (4^{3!} - 2 - 1)) \\
 286229 &:= (1 + (2 \times ((3 - 4!) - 5^6))) - ((7! - 8!) \times 9) &= (9 + 8! \times 7 + 6) - (5! - (4^{3!} - (2 \times 1))) \\
 286230 &:= (((1+2)!! + 3^4) \times 5) - (6 - (7 \times 8!)) - 9 &= (9 + 8! \times 7 + 6) - (5! - (4^{3!} - (2 - 1))) \\
 286231 &:= (((1 + 2^{3!} \times 4!) \times (5!/6)) + 7!) \times 8 - 9 &= ((9+8) \times (((7!/6!)^5) + (4! + 3!))) + (2 \times 1) \\
 286232 &:= ((1 + (2^{3 \times 4})) - (5! - 6)) + (7 \times 8! + 9) &= (9 + (8! \times 7 + (6! \times 5 + 4!))) + (3!/2 - 1) \\
 286233 &:= ((1 \times 2 + 3!) \times 4) + (((5^6 - 7) \times 8) + 9) &= (9 \times ((8 + 7!) \times 6)) - (((5 - 4!) \times (3! - 2)) + 1) \\
 286234 &:= (1 + ((2 + 3!) \times 4)) + (((5^6 - 7) \times 8) + 9) &= (9 + (8! \times 7 + (6! \times 5 + 4!))) + (3!/2 + 1) \\
 286235 &:= (1 - ((2 - 3!) \times (4! - 5))) + (6 \times ((7! + 8) \times 9)) &= (9 \times ((8 + 7!) \times 6)) - (((5 - 4!) \times (3! - 2)) - 1) \\
 286236 &:= (((1+2) \times 3! - 4) \times 5) + 6^7 - 8!/9 &= (9 - (8 + 7)) \times (6 \times (((5! - 4^{3!}) \times 2) + 1)) \\
 286237 &:= ((1 + (2 + 3!)) \times 4) + (((5^6 - 7) \times 8) + 9) &= ((9 \times (8 - (((7 - 6^5) \times 4) - 3!))) + 2) - 1 \\
 286238 &:= (1 - 2) \times (34 - (56 \times (7! + 8 \times 9))) &= ((9 \times (8 - (((7 - 6^5) \times 4) - 3!))) + 2) \times 1 \\
 286239 &:= ((1 + 2)^{3!+4}) + (5 \times (6 + ((7! + 8) \times 9))) &= ((9 \times (8 - (((7 - 6^5) \times 4) - 3!))) + 2) + 1 \\
 286240 &:= (1 \times 2 - ((3! - 4) \times 5)) \times (6! / ((7 - 8) \times 9)) &= (((9+8!) \times 7) + (6! \times 5 - 4!)) + (3!/2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 286241 &:= (1 - ((2 - (3^4 \times 5)) \times 6!)) + ((7! - 8!)/9) &= 9 + 8 + ((((((7 + 6) + 5!) \times 4) + 3^2) - 1) \\
 286242 &:= (((1 + 2)!! + 3^4) \times 5) + 6) + (7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) + (((5 \times 4)^3)/2) - 1) \\
 286243 &:= 1 \times ((2^{3 \times 4}) - (5 \times 6 - (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - 6) + (((5 \times 4)^3)/2 \times 1) \\
 286244 &:= ((1 + (2^{3 \times 4})) - (5 \times 6)) + (7 \times (8! - 9)) &= ((9 + 8! \times 7) - 6) + (((5 \times 4)^3)/2) + 1) \\
 286245 &:= (1 + 2) \times (3! + ((4! + 5^6 - 7! - 8) \times 9)) &= ((9 + (87 \times 6!)) \times 5) - ((4! + 3!)^{2+1}) \\
 286246 &:= (1 - 23) - (4 - (56 \times (7! + 8 \times 9))) &= ((9 + 8) \times (((7!/6!)^5) + 4!)) + (((3 + 2)!) - 1) \\
 286247 &:= (1 - (2 \times ((3 \times 4) + 5^6))) - ((7! - 8!) \times 9) &= ((9 + 8) \times (((7!/6!)^5) + 4!)) + (3!/(2 + 1)!) \\
 286248 &:= (((1 + 2)!! + 3^4) \times 5) - (6 - (7 \times 8!)) + 9 &= (9 \times (8^{(7-6) \times 5})) - (4! \times (3!/(2 + 1))) \\
 286249 &:= (((1 + 2^{3!} \times 4!) \times (5!/6)) + 7!) \times 8) + 9 &= ((9 + 8!) \times 7) - (6!/5 - (4^{3!} - (2 + 1)!)) \\
 286250 &:= (((1 - 2) + (34 \times 5!)) - 6) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + (6! \times 5 - ((4! - 3!)/(2)))) - 1) \\
 286251 &:= 1 - ((2 \times ((3! + 4) + 5^6)) + ((7! - 8!) \times 9)) &= (((9 + 8!) \times 7) + (6! \times 5 - ((4! - 3!)/(2)))) \times 1) \\
 286252 &:= (((1 + 2)!^{3!} - 4!) - (5 - (6^7 - 8! + 9))) &= (((9 + 8!) \times 7) + (6! \times 5 - ((4! - 3!)/(2)))) + 1) \\
 286253 &:= (1 \times 2^{3 \times 4}) - (5!/6 - (7 \times (8! - 9))) &= ((9 + 8! \times 7) + ((6 + ((5 \times 4)^3)/2)) + 1) \\
 286254 &:= (1 + (2^{3 \times 4})) - (5!/6 - (7 \times (8! - 9))) &= (9 + 8! \times 7 + 6) + (((5 \times 4)^3)/2) - 1) \\
 286255 &:= ((1 + 2 \times 3!) \times (4^5 - 6!)) + (7 \times (8! + 9)) &= ((9 \times (8! + (((7 \times 6) - (5! \times 4!)) \times 3))) + 2) - 1) \\
 286256 &:= ((1 + (((2 + 3!)! - (4! + (5! - 6!))) \times 7)) - 8) - 9 &= (((9 + 8!) \times 7) - 6) + ((5! \times (4! + 3^2)) - 1) \\
 286257 &:= ((1 + 2)! \times 3!) + ((4 \times 5!) - (6! - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6) - (5! \times (4 - (3!^2 + 1))) \\
 286258 &:= (1 + (((2^{3!} - 4!) \times 5!)) - (6! - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6) + ((5! \times (4! + 3^2)) + 1) \\
 286259 &:= 1 \times (2 + (3! + ((4 \times (5! + 6!)) + (7 \times (8! - 9)))) &= (9 \times (8! - 7!)) - (((6 + ((5!/4!)^{3!}) \times 2) - 1) \\
 286260 &:= 1 + (2 + (3! + ((4 \times (5! + 6!)) + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + (6! \times 5 - 4)) + (3!/(2 + 1)) \\
 286261 &:= (((1 + 2)!^{3!} - (4 \times 5 - (6^7 - 8!))) + 9 &= (((9 \times 8) + 7) \times (6! \times 5 + 4!)) - (3!^2 - 1) \\
 286262 &:= ((1 \times 2^{3 \times 4}) - 5) - (6 - (7 \times (8! - 9))) &= ((9 + 8!) \times 7) - (((6 - (5! - 4)) \times (3!^2)) + 1) \\
 286263 &:= (((1 + 2) \times 3!^4) + 5!) + (6 + (7 \times 8! + 9)) &= (9 \times (8! - 7!)) - (6 + (((5!/4!)^{3!}) \times 2) + 1) \\
 286264 &:= (1 - (2 \times (3! - (4! \times (5! - (6 - 7!)))))) + (8! - 9) &= (((9 + 8!) \times 7) + (6! \times 5)) + (((4 + 3!)/(2) - 1) \\
 286265 &:= (1 \times 2 + (((3 + 4!) \times 5!) + 6!)) + (7 \times (8! + 9)) &= (9 \times (8! - 7!)) - ((6 + (((5!/4!)^{3!}) \times 2)) - 1) \\
 286266 &:= (1 + 2)! \times (3^4 + (5 \times (6 + (7! + 8!/9)))) &= (((9 + 8!) \times 7) + (6! \times 5 + 4)) + (3!/(2 - 1)) \\
 286267 &:= ((1 \times 23)^4) - ((5 - (6! + (7 - 8))) \times 9) &= (((9 + 8!) \times 7) + (6! \times 5 + 4)) + (3!/(2 \times 1)) \\
 286268 &:= ((1 + (2^{3+4+5})) - 6) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + 6) + ((5! \times (4! + 3^2)) - 1) \\
 286269 &:= ((1 + 2)! + ((3 + 4!) \times 5!)) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) - (5! \times (4 - (3!^2 + 1))) \\
 286270 &:= 1 \times ((2 \times (3 - 4)) + (56 \times (7! + 8 \times 9))) &= (((9 + 8!) \times 7) + 6) + ((5! \times (4! + 3^2)) + 1) \\
 286271 &:= (1 - (((2 + 3!)! - (4! + (5! - 6!))) \times 7)) \times (8 - 9) &= (9 \times (8! - 7!)) - (6! \times 5) - (4!^3 \times 2 + 1) \\
 286272 &:= (1 - 2^{3!}) \times ((4! + (5! - (6! + 7! \times 8)))/9) &= 9 - (8 - ((7 \times (6! - (5! + (4! - (3! + 2)!)))) - 1)) \\
 286273 &:= (1 + ((2^{3!} \times (4! + 5)) + 6^7)) + 8!/9 &= (9 \times (8! - 7!)) - ((6! \times 5 + 4!^3 \times 2) - 1) \\
 286274 &:= ((1 + (((2 + 3!)! - (4! + (5! - 6!))) \times 7)) - 8) + 9 &= (((9 + 8!) \times 7) + (6! \times 5)) + (((4! + 3!)/(2) - 1) \\
 286275 &:= (1 + (2 \times (3 + 4!))) \times (5 + (6! + (7! \times 8/9))) &= (9 \times (8! - 7!)) + (6 - (((5!/4!)^{3!}) \times 2) + 1) \\
 286276 &:= ((1 + 2) - (((3! - 4!) \times (5^6)) - (7! - 8))) - 9 &= (((9 + 8!) \times 7) + (6! \times 5)) + (((4! + 3!)/(2) + 1) \\
 286277 &:= (1 + (23^4)) - ((5 + (6! \times (7 - 8))) \times 9) &= (9 \times (8! - 7!)) + (6 - (((5!/4!)^{3!}) \times 2) - 1) \\
 286278 &:= (((1 + (2 + 3)!)) - (4! + (5! - 6!))) \times 7) + (8 - 9) &= (9 - (8 + 7)) \times ((6 \times ((5! - 4^{3!}) \times 2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 286279 &:= (1+2)! + (((3-4+5)^6) + (7 \times (8! - 9))) &= (9-8) \times (7 \times (6! - (5! + (4! - ((3!+2)! + 1)))))) \\
 286280 &:= (((1 + (2 + 3)!)) - (4! + (5! - 6!))) \times 7 - (8 - 9) &= (9 \times ((8 + 7!) \times 6)) + (((5 \times 4!) - 3^2) - 1) \\
 286281 &:= (1 + ((2 + 3)! \times 4)) + (5^6 \times (7 - 8 + 9)) &= (9 \times (8! - 7!)) + (((6 - ((5!/4!)^{3!}) \times 2) - 1) \\
 286282 &:= (1 - (2 \times (3!! - (4! \times (5! - (6 - 7!)))))) + (8! + 9) &= (9 \times ((8 + 7!) \times 6)) + (((5 \times 4!) - 3^2) + 1) \\
 286283 &:= (((1 + 2)!^{3!}) + 4 \times 5) + (6^7 - 8! - 9) &= (9 \times (8! - 7!)) + (((6 - ((5!/4!)^{3!}) \times 2) + 1) \\
 286284 &:= ((1 \times 2^{3 \times 4}) + 5) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6) - (5! - (4^3 - (2 - 1))) \\
 286285 &:= (1 + ((2^{3 \times 4}) + 5)) + (6 + (7 \times (8! - 9))) &= (((9 \times 8) + 7) \times (6! \times 5 + 4!)) - ((3! \times 2) - 1) \\
 286286 &:= ((1 + (2^{3 \times 4})) - (5! - 6)) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + (6! \times 5)) + (4! + (3!!/2 - 1)) \\
 286287 &:= (1 + 2)!! - (3 \times (4 - ((5^6 - 7! - 8) \times 9))) &= (((9 + 8!) \times 7) + 6) - (5! - (4^3 + 2 \times 1)) \\
 286288 &:= ((1 \times 2 + ((3! - 4!) \times (5^6))) - 7!) \times (8 - 9) &= (((9 + 8!) \times 7) + (6! \times 5)) + (4! + (3!!/2 + 1)) \\
 286289 &:= (((1 + 2) \times ((3!! + 4!) \times (5! + 6))) + 7!) + (8 + 9) &= (9 + 8! \times 7) - (6! - (((5 + 4^3)^2) - 1)) \\
 286290 &:= (1 \times 2 \times ((3! + 4) - 5^6)) - ((7! - 8!) \times 9) &= (9 + 8! \times 7) - (6! - ((5 + 4^3)^2 \times 1)) \\
 286291 &:= (1 + (2 \times ((3! + 4) - 5^6))) - ((7! - 8!) \times 9) &= (9 + 8! \times 7) - (6! - (((5 + 4^3)^2) + 1)) \\
 286292 &:= (1 + (2 \times (3!^4 + (5 + 6!)))) + (7 \times 8! + 9) &= (9 \times (8! - 7!)) - ((6! + (5! + 4)) \times (3!^2 + 1)) \\
 286293 &:= (1 \times 2^{3 \times 4}) + (5!/6 + (7 \times (8! - 9))) &= (((9 \times 8) + 7) \times (6! \times 5 + 4!)) - (3! - 2) + 1 \\
 286294 &:= 1 \times 2 - ((3^4 - 5) \times (6! - (7 + 8!/9))) &= (9 \times ((8 + 7!) \times 6)) - (5! - ((4!^3) - (2 \times 1))) \\
 286295 &:= (1 + (2 \times ((3 \times 4) - 5^6))) - ((7! - 8!) \times 9) &= (((9 \times 8) + 7) \times (6! \times 5 + 4!)) - 3) + (2 \times 1) \\
 286296 &:= 1 \times 2 \times (3 \times ((4 - (5! - 6!)) \times (7 + 8 \times 9))) &= 9 + (8 + (7 \times (6! - (5! + (4! - ((3! + 2)! + 1)))))) \\
 286297 &:= 1 \times ((2^{3 \times 4}) - (5 \times 6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - 6) + (((5 \times 4^3)/2 \times 1) \\
 286298 &:= (1 - ((2 - 3!) \times (4^5 + 6))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - 6) + (((5 \times 4^3)/2) + 1) \\
 286299 &:= (((1 + 2)^3) \times (4 + 5!)) + (6! + 7 \times 8! - 9) &= (9 \times ((8 + 7!) \times 6)) - (5! - (4!^3 + (2 + 1))) \\
 286300 &:= (((1 + 2)!^{3!}) + 4!) - (5 - (6^7 - 8! + 9)) &= (((9 \times 8) + 7) \times (6! \times 5 + 4!)) + 3! - 2 \times 1 \\
 286301 &:= ((1 + 2^{3!}) \times (4! + 5)) + (6^7 + 8!/9) &= (((9 \times 8) + 7) \times (6! \times 5 + 4!)) + ((3 + 2) \times 1) \\
 286302 &:= 1 \times 2 \times (3!! \times 4! + ((5! \times (6! - 7)) + 8! - 9)) &= 9 + (8! \times 7 + ((6 + ((5^4) + 3!!)) \times (2 + 1))) \\
 286303 &:= 1 - (2 \times (3!! + ((4! \times (5 + 6! - 7!)) - 8! + 9))) &= 9 + (((8! \times 7) - 6) + ((5! - 4) \times (3!^2 - 1))) \\
 286304 &:= (1 + (2^{3 \times 4})) + (5 \times 6 + (7 \times (8! - 9))) &= (((9 \times 8) + 7) \times (6! \times 5 + 4!)) + (3! + 2) \times 1 \\
 286305 &:= ((1 + 2)!! - 3!) + ((4 \times (5! + 6!)) + 7 \times 8! - 9) &= (((9 \times 8) + 7) \times (6! \times 5 + 4!)) + (3! + 2) + 1 \\
 286306 &:= 1 - ((2 + ((3! - 4!) \times (5^6))) - (7! + 8 + 9)) &= (((9 \times 8) + 7) \times (6! \times 5 + 4!)) + 3^2 + 1 \\
 286307 &:= (1 - (2 \times ((3! - 4!) + 5^6))) - ((7! - 8!) \times 9) &= (((9 \times 8) + 7) \times (6! \times 5 + 4!)) + ((3! \times 2) - 1) \\
 286308 &:= (1 + (2^{3 \times 4})) - (5!/6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) + (((5 \times 4^3)/2) - 1) \\
 286309 &:= 1 \times (2 - (((3! - 4!) \times (5^6)) - (7! + 8 + 9))) &= (9 + (8! \times 7!/6!)) + ((5! - 4) \times (3!^2 - 1)) \\
 286310 &:= ((1 \times 2 + 3!!) \times (4! - 5)) + (6 \times ((7! + 8) \times 9)) &= ((9 \times ((8 + 7!) \times 6)) - ((5 - 4!) \times (3!! + 2))) \times 1 \\
 286311 &:= (1 + ((2 + 3!!) \times (4! - 5))) + (6 \times ((7! + 8) \times 9)) &= ((9 \times ((8 + 7!) \times 6)) - ((5 - 4!) \times (3!! + 2))) + 1 \\
 286312 &:= (1 + 2 \times 3!) \times (4! - ((5 \times (6! - 7! \times 8))/9)) &= (((9 + 8) \times 7) \times (((6! - 5!) \times 4) + 3!)) - 2 \times 1 \\
 286313 &:= (1 - (2 \times ((3 - 4!) + 5^6))) - ((7! - 8!) \times 9) &= 9 + 8! + (((7 - 6!) \times (((5!/4) - 3!!)/2)) - 1) \\
 286314 &:= ((1 + 2) + 3!!) + ((4 \times (5! + 6!)) + 7 \times 8! - 9) &= 9 + 8! + ((7 - 6!) \times (((5!/4) - 3!!)/2 \times 1)) \\
 286315 &:= 1 \times ((2^{3 \times 4}) - (5 \times 6 - (7 \times 8! + 9))) &= (9 + 8! \times 7) + (6 + ((5! - 4) \times (3!^2 - 1))) \\
 286316 &:= ((1 \times 2^{3 \times 4}) - 5) - (6 - (7 \times 8! - 9)) &= 9 + (((8! \times 7) - 6 \times 5) + (4^3 + (2 - 1)))
 \end{aligned}$$

$$\begin{aligned}
 286317 &:= ((1+2)! + 3!) + ((4 \times (5! + 6!)) + 7 \times 8! - 9) &= (9 + 8! \times 7) - ((6 \times 5) - (4^{3!} + 2 \times 1)) \\
 286318 &:= 1 \times ((2 + 3!) - (4 - ((5 \times 6) \times (7! + 8!/9)))) &= (((((9 + 8) \times 7!)/6) \times (5 \times 4)) + 3!) - 2 \times 1 \\
 286319 &:= (1 + (2 \times ((3! \times 4) - 5^6))) - ((7! - 8!) \times 9) &= (((9 \times 8) + 7) \times (6! \times 5 + 4!)) + ((3! - 2)! - 1) \\
 286320 &:= (((1 - 2) + 3^4) \times (5 \times (6! + 7))) - 8!/9 &= (((9 + 8) + 7!/6) \times 5!) + (4!/3!) \times 2 \times 1 \\
 286321 &:= (1 + 2)!! - ((3 - 4) - ((5 \times 6) \times (7! + 8!/9))) &= (((9 \times 8) + 7) \times (6! \times 5 + 4!)) + ((3! - 2)! + 1) \\
 286322 &:= ((1 + 2)! + 3!) - (4 - ((5 \times 6) \times (7! + 8!/9))) &= (((((9 + 8) \times 7!)/6) \times (5 \times 4)) + 3!) + (2 \times 1) \\
 286323 &:= 1 - (2 - (3! + (4 + ((5 \times 6) \times (7! + 8!/9)))))) &= (9 \times (8! - (7! - 6))) - (((5!/4!)^{3!}) \times 2) + 1 \\
 286324 &:= (1 \times 2 \times ((3 + 4!) - 5^6)) - ((7! - 8!) \times 9) &= (9 + (8! + 7!)) - ((6! - 5) \times (4! - (3!/2 + 1))) \\
 286325 &:= (1 + (2 \times ((3 + 4!) - 5^6))) - ((7! - 8!) \times 9) &= (9 \times (8! - (7! - 6))) - (((5!/4!)^{3!}) \times 2) - 1 \\
 286326 &:= (1 + (2^{3 \times 4})) - (5!/6 - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (((6! + 5!) \times 4) + 3!))) - (2 + 1) \\
 286327 &:= ((1 \times 2 + 3!)! \times 4) + (((5^6 + 7) \times 8) - 9) &= (9 + (8! \times 7 + (((6! + 5!) \times 4) + 3!))) - 2 \times 1 \\
 286328 &:= (1 + ((2 + 3!)! \times 4)) + (((5^6 + 7) \times 8) - 9) &= ((9 + 8! \times 7) - 6!) + ((5! \times (4 + 3!^2)) - 1) \\
 286329 &:= (1 + (2^{3 \times 4})) - ((5 - 6) - (7 \times 8! - 9)) &= (9 + ((8! + 7!) \times 6)) + (((5! - (4 - 3))^2) - 1) \\
 286330 &:= (1 + (((2^{3!}) - 4!) \times 5!)) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) + ((5! \times (4 + 3!^2)) + 1) \\
 286331 &:= ((1 + (2 + 3!)! \times 4) + (((5^6 + 7) \times 8) - 9)) &= (((9 \times 8) + 7) \times (6! \times 5 + 4!)) + (3!^2 - 1) \\
 286332 &:= 1 + (2 + (3! + ((4 \times (5! + 6!)) + (7 \times 8! + 9)))) &= ((9 + 8! \times 7) - 6) - (5 - (4^{3!} - (2 \times 1))) \\
 286333 &:= (((1 + 2)! \times (3! - 4!)) - (5!/6)) + (7 \times (8! - 9)) &= (((9 \times 8) + 7) \times (6! \times 5 + 4!)) + 3!^2 + 1 \\
 286334 &:= ((1 \times 2^{3 \times 4}) - 5) - (6 - (7 \times 8! + 9)) &= (((9 + (8! \times 7!/6!)) - 5) + 4^{3!}) - (2 + 1)! \\
 286335 &:= 1 - (((2 - 3!^4) \times 5) - (6^7 - 8 \times 9)) &= (((9 + 8!) \times 7) + 6!) + ((5! + 4!) \times ((3! - 2)! - 1)) \\
 286336 &:= (1 + (((2 + 3!) - (4! + 5)) \times 6)) + (7 \times (8! - 9)) &= ((9 + 8! \times 7) - 6) - (5 - (4^{3!} + 2 \times 1)) \\
 286337 &:= 1 + 2 \times 3!! + (4 \times 5! + (6^7 + 8!/9)) &= 9 \times 8 + (7 \times (6! - (5! + (4! - ((3! + 2)! - 1)))) \\
 286338 &:= 1 \times 2 \times (3!! \times 4! + ((5! \times (6! - 7)) + 8! + 9)) &= (((9 + (8! \times 7!/6!)) - 5) + 4^{3!}) - 2 \times 1 \\
 286339 &:= 1 - (2 \times (3! + ((4! \times (5 + 6! - 7!)) - 8! - 9))) &= ((9 + 8!) \times 7) + (((6! + 5^4) \times 3) + (2 - 1)) \\
 286340 &:= 1 - (((2 - 3!) \times 4^5) + (6 - (7 \times 8! + 9))) &= ((9 + 8!) \times 7) + (((6! + 5^4) \times 3) + 2 \times 1) \\
 286341 &:= (1 - 2 \times 3!) \times (4 - (5 \times (6! + (7 + 8!/9)))) &= (((9 + 8! \times 7) - 6!/5!) + 4^{3!}) + (2 \times 1) \\
 286342 &:= (((1 + 2)! \times (3! - 4!)) - 5) - (6 - (7 \times (8! - 9))) &= (((9 + (8! \times 7!/6!)) - 5) + 4^{3!}) + (2 \times 1) \\
 286343 &:= (1 + (((2 + 3!)! - ((4 + 5) \times 6)) \times 7)) + 8!/9 &= ((9 + 8!) \times 7) - (6! - (((5 + 4^3)^2) - 1)) \\
 286344 &:= (1 - (((2 + (3 \times ((4 - 5!) \times 6!)))/7) \times 8)) - 9 &= ((9 + 8!) \times 7) - (6! - (((5 + 4^3)^2) \times 1)) \\
 286345 &:= (1 + (((2 + 3!)! - (4! + 5!)) \times 6)) + ((7! - 8) \times 9) &= ((9 + 8!) \times 7) - (6! - (((5 + 4^3)^2) + 1)) \\
 286346 &:= (1 + ((2 + 3!)! \times 4)) + (((5^6 + 7) \times 8) + 9) &= ((9 + 8! \times 7) - 6) + (5 + (4^{3!} + 2 \times 1)) \\
 286347 &:= (1 \times 2^{3 \times 4}) + (5!/6 + 7 \times 8! - 9) &= (9 + 8! \times 7 + 6) - (5 - (4^{3!} + (2 - 1))) \\
 286348 &:= (1 + ((2^{3 \times 4}) + (5!/6 + 7 \times 8!))) - 9 &= (((9 + (8! \times 7 + (6!/5!))) + 4^{3!}) - 2) - 1 \\
 286349 &:= ((1 + (2 + 3!)! \times 4) + (((5^6 + 7) \times 8) + 9)) &= (((9 + (8! \times 7 + (6!/5!))) + 4^{3!}) - 2) \times 1 \\
 286350 &:= 1 \times (2 \times (3!! + ((4! \times (5! + ((6! + 7) \times 8))) - 9))) &= (((9 + (8! \times 7 + (6!/5!))) + 4^{3!}) - 2) + 1 \\
 286351 &:= 1 + (2 \times (3!! + ((4! \times (5! + ((6! + 7) \times 8))) - 9))) &= 9 \times 8 + (7 \times (6! - (5! + (4! - ((3! + 2)! + 1)))) \\
 286352 &:= (1 - ((2 - 3!) \times (4^5 + 6))) + (7 \times 8! - 9) &= (9 + ((8! \times 7!/6!) + 5)) + (4^{3!} + 2 \times 1) \\
 286353 &:= ((1 + 2)!^{3!}) - (((4! - 5) \times 6!) + 7 - 8!) \times 9 &= ((9 + (8! \times 7 + (6!/5!))) + 4^{3!}) + (2 \times 1) \\
 286354 &:= 1 + 2 \times 3!! + ((4! \times (5! - 6)) + (7 \times (8! - 9))) &= (9 + (8! \times 7 + (6 + 5))) + (4^{3!} - (2 \times 1))
 \end{aligned}$$

$$\begin{aligned}
 286355 &:= (1 \times 2 + ((3!! \times 4!) / 5) + 6!) + (7 \times (8! - 9)) &= (9 + 8! \times 7 + 6) + ((5 + 4^{3!}) - (2 - 1)) \\
 286356 &:= (1 + 2 \times 3! \times 4) \times (5! + ((6 + 7! / 8) \times 9)) &= ((9 + 8!) \times 7) + ((6 + ((5^4) + 3!!)) \times (2 + 1)) \\
 286357 &:= (1 + ((2^{3 \times 4}) + 5)) + (6 + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - (6 - ((5! - 4) \times (3!^2 - 1))) \\
 286358 &:= (1 + (2^{3 \times 4})) + ((5 \times 6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) + (6 \times (5^4))) + (3!! / 2 - 1) \\
 286359 &:= (((1 + 2)!)^3) \times (4! - 5) + (6 + (7 \times 8! + 9)) &= ((9 + 8! \times 7) + (6 \times (5^4))) + (3!! / 2 \times 1) \\
 286360 &:= (((1 + 2)!)^3) \times (4 + 5) + (6^7 + 8! / 9) &= ((9 + 8! \times 7) + (6 \times (5^4))) + (3!! / 2 + 1) \\
 286361 &:= (((1 + 2)!! - 3!) \times (4 + 5)) + (6^7 + (8 - 9)) &= (9 + 8! \times 7) + (6! \times 5 + ((4! / 3)^{2+1})) \\
 286362 &:= (1 - ((2 + (3 \times ((4 - 5!) \times 6!))) / 7) \times 8) + 9 &= (9 \times (8! - (7! + 6))) - ((5! + 4!) \times (3!^{2+1})) \\
 286363 &:= ((1 + (2 + 3)!) \times (4 + (5 \times 6))) + (7 \times 8! + 9) &= ((9 + 8!) \times 7! / 6!) + ((5! - 4) \times (3!^2 - 1)) \\
 286364 &:= (1 \times 2 - ((3! - 4!) \times (5^6) - 7!)) + 8 \times 9 &= ((98 \times ((7 \times 6) + (5! \times 4!))) + 3!) + (2 \times 1) \\
 286365 &:= (1 \times 2^{3 \times 4}) + (5! / 6 + (7 \times 8! + 9)) &= (9 \times (((8 + 7!) \times 6) - 5)) + ((4!^3) - (2 + 1)!) \\
 286366 &:= (1 - (((2 - (3!! - (4! + 5))) \times 6) - (7 \times 8!))) - 9 &= ((9 + 8!) \times 7) - ((6 \times 5) - (4^{3!} - 2 - 1)) \\
 286367 &:= (((1 + 2)! \times 3!!) - (4 + 5!)) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6 \times 5) + 4^{3!} - 2 \times 1 \\
 286368 &:= (1 - (((2 - (3!! - 4!)) \times 5) - 6!)) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) - ((6 \times 5) - (4^{3!} - (2 - 1))) \\
 286369 &:= 1 \times ((2^{3 \times 4}) - (5 \times 6 - (7 \times (8! + 9)))) &= ((9 + 8!) \times 7) + (6 + ((5! - 4) \times (3!^2 - 1))) \\
 286370 &:= (1 - ((2 - 3!) \times (4^5 + 6))) + (7 \times 8! + 9) &= (9 \times (((8 + 7!) \times 6) - 5)) + ((4!^3) - (2 - 1)) \\
 286371 &:= 1 + (((2^{3 \times 4}) - 5) \times ((6! \times 7) / (8 \times 9))) &= ((9 + 8!) \times 7) - ((6 \times 5) - (4^{3!} + 2 \times 1)) \\
 286372 &:= 1 - (((2 + (3!^4 + 5!)) \times 6) - (7 + 8!)) \times 9 &= (9 \times (((8 + 7!) \times 6) - 5)) + (4!^3 + (2 - 1)) \\
 286373 &:= 1 \times (2 + (((3 \times (4! + 5^6 - 7!)) - 8) \times 9)) &= (9 \times (((8 + 7!) \times 6) - 5)) + (4!^3 + 2 \times 1) \\
 286374 &:= 1 + (2 + (((3 \times (4! + 5^6 - 7!)) - 8) \times 9)) &= ((9 + (8! + 7!)) \times 6) + (((5! - (4 - 3))^2) - 1) \\
 286375 &:= ((1 \times 2^{3 \times 4}) + (5 \times 6 + 7 \times 8!)) + 9 &= ((9 + (8! + 7!)) \times 6) + ((5! - (4 - 3))^2 \times 1) \\
 286376 &:= (1 + (2^{3 \times 4})) + (5 \times 6 + (7 \times 8! + 9)) &= (9 + 8! \times 7) - ((6 \times ((5! / 4) - (3!! - 2))) + 1) \\
 286377 &:= (1 + 2)! + (((3 \times (4! + 5^6 - 7!)) - 8) \times 9) &= ((9 + (8! \times 7 + (6 \times 5))) + 4^{3!}) + (2 \times 1) \\
 286378 &:= (((12 - 3)^4) - (5! - 6^7)) - (8 - 9) &= (9 + 8! \times 7) - ((6 \times ((5! / 4) - (3!! - 2))) - 1) \\
 286379 &:= (1 \times 2 - (3! \times (4! + (5 - 6!)))) + (7 \times 8! - 9) &= (9 \times (8! - 7!)) - ((6^5 \times 4) + (3!^2 + 1)) \\
 286380 &:= (1 + (2^{3 \times 4})) - (5! / 6 - (7 \times (8! + 9))) &= 9 + (8! \times 7 + (((6! + ((5^4) + 3!!)) \times 2) + 1)) \\
 286381 &:= 1 + (((((2 + 3) \times 4) \times (5 \times 6! + 7)) - 8!) \times 9) &= (9 \times (8! - 7!)) - ((6^5 \times 4) + (3!^2 - 1)) \\
 286382 &:= 1 - (((2 - 3!!) \times (4 + 5)) - (6^7 - (8 + 9))) &= (((9 + 8!) \times 7) - 6!) + ((5! \times (4 + 3!^2)) - 1) \\
 286383 &:= ((1 + 2)! \times (3!! - (4! + 5))) + ((6 + 7 \times 8!) - 9) &= (9 + 8! \times 7) + (((6! - (5! / 4)) \times 3!) - (2 + 1)!) \\
 286384 &:= (1 - (((2 - (3!! - (4! + 5))) \times 6) - (7 \times 8!))) + 9 &= (((9 + 8!) \times 7) - 6!) + ((5! \times (4 + 3!^2)) + 1) \\
 286385 &:= (1 \times 2 - (3! \times (4! - (5 + 6!)))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + ((6! + 5!) \times 4)) + (3!! + 2 \times 1) \\
 286386 &:= 1 \times (2 \times (3!! + ((4! \times (5! + ((6! + 7) \times 8))) + 9))) &= 9 + 8! + (7 \times (((6 + (5 \times 4))^3) \times 2) - 1) \\
 286387 &:= 1 + (2 \times (3!! + ((4! \times (5! + ((6! + 7) \times 8))) + 9))) &= (9 \times (8! - 7!)) - ((6 \times (5 + ((4! \times 3)^2))) - 1) \\
 286388 &:= (1 + (((2 + 3!!) - 4!) \times 5)) + (6! + (7 \times (8! - 9))) &= (9 + 8! \times 7) - ((6 \times ((5! / 4) - 3!!)) + (2 - 1)) \\
 286389 &:= (1 + 2)!! - ((3!! / 4) - (5 \times 6! + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6) - (5 - (4^{3!} + (2 - 1))) \\
 286390 &:= (1 + (((2 + 3!!) - (4! + 5)) \times 6)) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6) - (5 - (4^{3!} + 2 \times 1)) \\
 286391 &:= (((1 + 2)^{3 \times 4}) \times 5) + (6^7 - 8! / 9) &= (9 \times (8! - 7!)) - ((6^5 \times 4) + ((3! - 2)! + 1)) \\
 286392 &:= (((1 + 2)!! + (3 - 4!)) \times 5) + 6! + (7 \times (8! - 9)) &= 9 + 8! + ((7 \times (((6 + (5 \times 4))^3) \times 2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 286393 &:= (((1+2)!) \times (3^4 \times 5)) - 6! - 7 - 8! / 9 &= (9 \times (8! - 7!)) - ((6^5 \times 4) + ((3! - 2)! - 1)) \\
 286394 &:= 1 - (((2-3!) \times 4^5) + (6 - (7 \times (8! + 9)))) &= 9 + 8! + ((7 \times (((6 + (5 \times 4))^3) \times 2)) + 1) \\
 286395 &:= ((1+2)! \times 3!!) - (((4!+5) \times 6) - (7 \times 8! + 9)) &= (((9+8!) \times 7! / 6!) - 5) + (4^{3!} + (2-1)) \\
 286396 &:= (((1 \times 2 + 3!)! + (4 - (5! - 6!))) \times 7) - 8 \times 9 &= (((9+8!) \times 7! / 6!) - 5) + 4^{3!} + (2 \times 1) \\
 286397 &:= 1 \times 2 + (((3!! - (4! + 5)) \times 6) + (7 \times 8! + 9)) &= (9 + 8! \times 7) + (((6! - (5 + 4!)) \times 3!) + 2 \times 1) \\
 286398 &:= ((1 \times 2^{3 \times 4}) + 5) - (6 - (7 \times (8! + 9))) &= (((9+8!) \times 7) + 6) - (5 - (4^{3!} - (2 \times 1))) \\
 286399 &:= (1 + ((2^{3 \times 4}) + 5)) - (6 - (7 \times (8! + 9))) &= (9 \times (8! - 7!)) - (((6^5 + 4) \times (3! - 2)) + 1) \\
 286400 &:= (1 + ((2^{3 \times 4}) + (5! + 6))) + (7 \times (8! - 9)) &= (9 + 8! \times 7) - ((6 \times ((5! / 4) - (3!! + 2))) + 1) \\
 286401 &:= (1 - (2 \times (3!! - ((4! + 5) \times 6! \times 7)))) - 8! / 9 &= (9 + (8! \times 7 + (6! \times 5))) + (4! \times ((3! - 2)! - 1)) \\
 286402 &:= 1 \times 2 + ((3!! - 4) \times ((5 \times (6! + 7!)) / (8 \times 9))) &= (9 + 8! \times 7) - ((6 \times ((5! / 4) - (3!! + 2))) - 1) \\
 286403 &:= ((1 + ((2 + 3!)! + (4 - (5! - 6!)))) \times 7) - 8 \times 9 &= (9 + (8! - 7) \times 6) + ((5! + 4) \times (3!! / 2 - 1)) \\
 286404 &:= (((12 + 3!^4) \times 5) + 6^7) - 8 \times 9 &= (((9+8!) \times 7) - 6) + (5 + (4^{3!} + (2 + 1)!)) \\
 286405 &:= ((1 - ((2 + 3!)! - (4 + 5! - 6!))) \times 7) \times (8 - 9) &= (9 \times (8! - 7!)) - ((6^5 \times 4) + ((3! \times 2) - 1)) \\
 286406 &:= 1 \times (((2 - 3!^4) \times 5) - 6^7) \times (8 - 9) &= (9 \times (8! - 7!)) - ((6^5 \times 4) + (3^2 + 1)) \\
 286407 &:= (((1 \times 2 + 3!)! - (4! + 5!)) \times 6) + (7! + 8! - 9) &= (9 + (8! - 7) \times 6) + (5! \times (((4! + 3!!) / 2) - 1)) \\
 286408 &:= 1 + 2 \times 3!! + ((4! \times (5! - 6)) + 7 \times 8! - 9) &= (9 + 8! \times 7) - ((6 \times ((5 + 4!) - (3!! + 2))) - 1) \\
 286409 &:= 1 \times 2 - ((3! \times ((4 - 5!) \times 6)) - (7 \times 8! - 9)) &= (9 \times ((8 + 7!) \times 6)) - (5 - ((4!^3) - (2 \times 1))) \\
 286410 &:= ((1 \times 2^{3 \times 4}) + 5) + (6 + (7 \times (8! + 9))) &= 9 - (((8 \times 7 + (6! / 5)) \times ((4 - 3!!) \times 2)) - 1) \\
 286411 &:= (1 + ((2^{3 \times 4}) + 5)) + (6 + (7 \times (8! + 9))) &= ((9 \times (8! - (7! + (6! / 5 \times 4!)))) - 3) - 2 \times 1 \\
 286412 &:= (1 - ((2 + 3) \times (4 - (5! + 6!)))) + (7 \times 8! - 9) &= (((9+8!) \times 7) + (6 \times (5^4))) + (3!! / 2 - 1) \\
 286413 &:= (((1 + (2 + 3!)! - (4! + 5!)) \times 6) + 7!) + (8! - 9) &= (9 \times ((8 + 7!) \times 6)) - (5 - (4!^3 + 2 \times 1)) \\
 286414 &:= (1 \times 2 \times ((3 \times 4!) - 5^6)) - ((7! - 8!) \times 9) &= (((9+8!) \times 7) + (6 \times (5^4))) + (3!! / 2 + 1) \\
 286415 &:= 1 + (((2 - (3!! \times (4 + 5))) - 6^7) \times (8 - 9)) &= (9 \times ((8! / 7 + 6!) \times 5)) - (((4! \times 3)^2) + 1) \\
 286416 &:= ((1 + 2!)^{3!}) - (((4! - 5) \times 6!) - 7! \times 8) \times 9 &= ((9 \times 8 \times 7) + 6!) \times (((5 \times 4!) - 3) \times 2 \times 1) \\
 286417 &:= (1 - (2^{3!} \times (4 \times 5! + 6))) - ((7! - 8!) \times 9) &= (9 \times ((8! / 7 + 6!) \times 5)) - (((4! \times 3)^2) - 1) \\
 286418 &:= (1 \times 2 + 3!^4) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 + 8! \times 7) - (6 - (((5! - 4) \times (3!^2)) - 1)) \\
 286419 &:= (1 \times 2^{3 \times 4}) + (5! / 6 + (7 \times (8! + 9))) &= ((9 \times (8! - (7! + (6! / 5 \times 4!)))) + (3! - 2)) - 1 \\
 286420 &:= (1 + ((2^{3 \times 4}) + 5! / 6)) + (7 \times (8! + 9)) &= ((9 + 8! \times 7) - 6) + (((5! - 4) \times (3!^2)) + 1) \\
 286421 &:= (((1 + 2)! \times 3!!) - (4 + 5!)) - (6 - (7 \times 8! - 9)) &= ((9 \times (8! - (7! + (6! / 5 \times 4!)))) + (3! - 2)) + 1 \\
 286422 &:= (1 - (((2 - (3!! - 4!)) \times 5) - 6!)) + (7 \times 8! - 9) &= ((9 \times ((8 + 7!) \times 6)) + 5) + (4!^3 + (2 - 1)) \\
 286423 &:= (1 + 2)! + (((3!! \times (4 + 5)) + 6^7) - 8 + 9) &= (9 \times ((8 + 7!) \times 6)) + (5 + (4!^3 + 2 \times 1)) \\
 286424 &:= 1 \times (((2 \times 3! \times 4!) + 5!) \times (6! - 7)) - 8! / 9 &= ((9 + 8! \times 7) - ((6 - 5!) \times 4!)) + 3!! \times 2 - 1 \\
 286425 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times (6! - 7))) - 8! / 9 &= (9 \times (8 + (((7! \times 6) + 5!) / 4!))) \times ((3! - 2)! + 1) \\
 286426 &:= 1 + 2 \times 3!! + ((4! \times (5! - 6)) + (7 \times 8! + 9)) &= (9 \times (8! - 7!)) - ((6^5 \times 4) - (3^2 + 1)) \\
 286427 &:= 1 \times 2 - ((3! \times ((4 - 5!) \times 6)) - (7 \times 8! + 9)) &= (9 \times (8! - 7!)) - ((6^5 \times 4) - ((3! \times 2) - 1)) \\
 286428 &:= (1 + (((2 + 3!^4) \times 5) + 6^7)) - (8 - 9) &= 9 - (8 - ((7 \times (6! - (5! - ((4! / 3)! - 2)))) + 1)) \\
 286429 &:= ((1 \times 2^{3 \times 4}) + (5 \times 6)) + (7 \times (8! + 9)) &= (9 \times (8! - 7!)) - ((6^5 \times 4) - (3! \times 2 + 1)) \\
 286430 &:= (1 + (2^{3 \times 4})) + (5 \times 6 + (7 \times (8! + 9))) &= (9 + 8! \times 7 + 6) + (((5! - 4) \times (3!^2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 286431 &:= (((1 + (2 + 3!)) - (4! + 5!)) \times 6) + 7! + (8! + 9) = (9 + (8! + 7!)) - (6 \times (5! + (4! - ((3! + 2)! + 1)))) \\
 286432 &:= (1 + ((2 \times 3!! \times 4! - (5! - 6!)) \times 7)) + (8! - 9) = (9 + 8! \times 7) + (6 + (((5! - 4) \times (3!^2)) + 1)) \\
 286433 &:= (1 + (2 \times (3^4 - 5^6))) - ((7! - 8!) \times 9) = ((9 + 8!) \times 7) - ((6 - (5! + 4)) \times (3!^2 - 1)) \\
 286434 &:= ((1 + 2) + ((3!! - 4!) \times 5)) + (6! + 7 \times 8! - 9) = ((9 + 8!) \times 7) + (((6! + (5^4) + 3!!)) \times 2) + 1 \\
 286435 &:= (((1 \times 2 + 3!!) \times (4 + 5)) + 6^7) - 8 + 9 = (9 \times (((((8 - 7) \times 6^5) \times 4) + 3!! + 2)) + 1) \\
 286436 &:= 1 - ((2 + (3! \times (4! - (5 + 6!)))) - (7 \times 8! - 9)) = ((9 + 8!) \times 7) - ((6 \times ((5 + 4!) - (3!! - 2))) + 1) \\
 286437 &:= ((1 + 2)!! + (3!^4 + (5 + 6^7))) + 8!/9 = (((9 + 8) \times ((7!/6!)^5)) - (4 - 3!!)) + (2 \times 1) \\
 286438 &:= (((1 + (2 \times 3!! \times 4!)) - (5! - 6!)) \times 7) + (8! - 9) = (9 + (8! \times 7 + 6!)) - ((5 \times (4! - (3!! - 2))) + 1) \\
 286439 &:= 1 \times 2 + (((3!! - (4! - 5)) \times 6) + 7 \times 8! - 9) = (9 \times (8! - 7!)) - ((6^5 \times 4) - ((3! - 2)! - 1)) \\
 286440 &:= (1 - (((2 - (3!! - 4!)) \times 5) - 6!)) + (7 \times 8! + 9) = ((9 + 8!/7!) - 6) \times (5! \times ((4! \times (3^2)) + 1)) \\
 286441 &:= (((1 \times 2 + 3!!) - 4!) \times 5) + (6! + 7 \times 8! - 9) = (9 \times (8! - 7!)) - ((6^5 \times 4) - ((3! - 2)! + 1)) \\
 286442 &:= (1 + (((2 + 3!!) - 4!) \times 5)) + (6! + 7 \times 8! - 9) = 9 + 8! + (7 \times (6! - (5! - ((4! \times 3!! \times 2) - 1)))) \\
 286443 &:= (((1 + 2)^{3!}) \times (4! - 5)) + (6 \times ((7! + 8) \times 9)) = 9 - (8 - ((7 \times (6! - (5! - (4!/3!)))) + 2 \times 1)) \\
 286444 &:= (1 + (((2 + 3!!) - 4 \times 5) \times 6)) + (7 \times 8! - 9) = ((9 + 8!) \times 7) + (((6! - (5!/4)) \times 3!) + (2 - 1)) \\
 286445 &:= (1 - (2 \times (3! + 4!))) \times (5 + (((6! - 7!)/8) \times 9)) = ((9 \times (8! - 7!)) + (6 \times (5 - ((4! \times 3^2)))) - 1) \\
 286446 &:= (((1 + (2 \times 3! - 4!)) - (5! - 6!)) \times 7) + (8 - 9) = ((9 \times (8! - 7!)) + (6 \times (5 - ((4! \times 3^2)))) \times 1) \\
 286447 &:= (((1 + 2)! \times 3!!) + 4 - 5!) - (6 - (7 \times 8! + 9)) = ((9 \times (8! - 7!)) + (6 \times (5 - ((4! \times 3^2)))) + 1) \\
 286448 &:= (((1 + (2 \times 3! - 4!)) - (5! - 6!)) \times 7) - (8 - 9) = (9 + ((8! + 7!/6) \times 5)) + (((4!/3!) \times 2) - 1) \\
 286449 &:= (1 - ((2 - 3!!) \times (4 \times 5))) + ((6 \times 7! - 8) \times 9) = (9 + 8 \times 7! \times 6) + (5! \times (((4! + 3!!)/2) - 1)) \\
 286450 &:= (1 + (2 \times (3!^4 + (5! + 6!)))) + (7 \times (8! - 9)) = (9 + ((8! + 7!/6) \times 5)) + (((4!/3!) \times 2) + 1) \\
 286451 &:= (1 \times 2 + ((3!! - 4!) \times 5)) + (6! + (7 \times 8! + 9)) = (9 \times (8! - 7!)) - ((6^5 \times 4) - (3!^2 - 1)) \\
 286452 &:= (1 \times 2 + 3! \times 4!) \times (((5 \times 6 \times 7) + 8) \times 9) = (9 \times (8! - 7!)) + (6 \times (5 - (((4! \times 3^2) - 1))) \\
 286453 &:= ((1 - (2 - 3!!) \times 4) \times 5) + ((6 \times 7! - 8) \times 9) = (9 \times (8! - 7!)) - ((6^5 \times 4) - (3!^2 + 1)) \\
 286454 &:= 1 - ((2 + (3! \times (4! - (5 + 6!)))) - (7 \times 8! + 9)) = 9 - (8 - ((7 \times (6! - (5! - ((4!/3!) + 2)))) - 1)) \\
 286455 &:= ((1 + 2)! + ((3!! - 4!) \times 5)) + (6! + (7 \times 8! + 9)) = (((9 + 8!) \times 7) + (6! \times 5)) + (4! \times ((3! - 2)! - 1)) \\
 286456 &:= (((1 + (2 \times 3!! \times 4!)) - (5! - 6!)) \times 7) + (8! + 9) = 9 - (8 - ((7 \times (6! - (5! - ((4!/3!) + 2)))) + 1)) \\
 286457 &:= 1 \times 2 + (((3!! - (4! - 5)) \times 6) + (7 \times 8! + 9)) = ((9 + 8! \times 7) - 6) + ((5! + 4^{3!}) - (2 \times 1)) \\
 286458 &:= (((1 + ((2 + 3!)! + (4 - (5! - 6!)))) \times 7) - 8) - 9 = (9 + (8! \times 7 + 6!)) - ((5 \times (4! - (3!! + 2))) + 1) \\
 286459 &:= (1 - ((2 \times (3 - 4^5)) - 6^7)) + 8!/9 = ((9 \times (((8 + 7!) \times 6) + 5)) + (4!^3)) - 2 \times 1) \\
 286460 &:= (1 + (((2 + 3!!) - 4!) \times 5)) + (6! + (7 \times 8! + 9)) = (9 + (8! \times 7 + 6!)) - ((5 \times (4! - (3!! + 2))) - 1) \\
 286461 &:= ((1 - ((2 + 3!)! + (4 - (5! - 6!)))) \times 7) \times (8 - 9) = ((9 + 8! \times 7) - 6) + (5! + (4^{3!} + 2 \times 1)) \\
 286462 &:= 1 - (((2 + ((3!^4 + 5!) \times 6)) - (7 + 8!)) \times 9) = ((9 + 8!) \times 7) - ((6 \times ((5 + 4!) - (3!! + 2))) - 1) \\
 286463 &:= (((1 + 2)! + 3!^4) \times 5) + (6^7 + 8) + 9 = ((9 \times (((8 + 7!) \times 6) + 5)) + (4!^3)) + (2 \times 1) \\
 286464 &:= (((1 \times 2 + 3!)! - (4 + 5!)) \times 6) + ((7! - 8) \times 9) = ((9 \times 8 \times 7!/6!) - 5!) \times (4! + (3!! + 2 \times 1)) \\
 286465 &:= (1 + (((2 + 3!)! - (4 + 5!)) \times 6)) + ((7! - 8) \times 9) = (((9 + 8) \times (7 + 6!)) + (5! - 4!)) \times ((3! - 2)! - 1) \\
 286466 &:= ((1 + (2 + 3!)) \times (4! + (5 + 6))) + (7 \times 8! - 9) = ((9 + 8!) \times 7) - (((6!/5!) \times (4! - (3!! - 2))) + 1) \\
 286467 &:= (1 - ((2 - 3!!) \times (4 \times 5))) + (6 \times (7! + 8! - 9)) = ((9 + ((8! \times 7!/6!) + 5!)) + 4^{3!}) + (2 \times 1) \\
 286468 &:= (1 - ((2 - (3!! - 4)) \times 5)) + (6! + (7 \times (8! - 9))) = 9 - (8 - ((7 \times (6! - (5! - (4 + (3! + 2)!)))) - 1)) \\
 286469 &:= (((1 \times 2 + 3!)! + (4 - (5! - 6!))) \times 7) - (8 - 9) = (9 + 8! \times 7 + 6) + ((5! + 4^{3!}) - (2 \times 1))
 \end{aligned}$$

$$\begin{aligned} 286470 &:= (((1 + (2 + 3!))! - (4 + 5!)) \times 6) + ((7! - 8) \times 9) &= 9 - 8 + ((7 \times (6! - (5! - (4 + (3! + 2)!)))) + 1) \\ 286471 &:= (1 + ((2 \times (3 + 4^5)) + 6^7)) + 8!/9 &= ((9 \times (8! - (7! + ((6!/5 \times 4!) - 3!)))) + 2) - 1 \\ 286472 &:= 1 \times (2 - (((3!! \times 4!)/5) - (6 - (7! - 8!)) \times 9)) &= ((9 + 8!) \times 7) - (6 - (((5! - 4) \times (3!^2)) - 1)) \\ 286473 &:= 1 + (2 - (((3!! \times 4!)/5) - (6 - (7! - 8!)) \times 9)) &= ((9 \times (8! - (7! + ((6!/5 \times 4!) - 3!)))) + 2) + 1 \\ 286474 &:= ((1 + ((2 + 3!)! + (4 - (5! - 6!)))) \times 7) + (8 - 9) &= (((9 + 8!) \times 7) - 6) + (((5! - 4) \times (3!^2)) + 1) \\ 286475 &:= 1 \times 2 - ((3! \times (4 - 5! \times 6)) - (7 \times (8! - 9))) &= (9 - 8) \times (7 \times (6! - (5! - (4 + ((3! + 2)! + 1)))) \\ 286476 &:= (((1 + ((2 + 3!)! + (4 - (5! - 6!)))) \times 7) - 8) + 9 &= 9 - (8 - (7 \times (6! - (5! - (4 + ((3! + 2)! + 1)))) \\ 286477 &:= (1 + (2 \times (3! + 4^5))) + (6^7 + 8!/9) &= (((9 + 8!) \times 7) - ((6!/5!) \times (4! - 3!))) - 2 \times 1 \\ 286478 &:= (1 + 2 \times 3!!) - ((4 \times (5 - 6!)) - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - ((6 - 5!) \times 4!)) + 3!! \times 2 - 1 \\ 286479 &:= (1 - ((2 - (3!! \times 4)) \times 5)) + ((6 \times 7! - 8) \times 9) &= (((9 + 8!) \times 7) - (6 \times (5! + 4!))) + ((3! + (2 - 1)))! \\ 286480 &:= 1 + 2 \times 3!! + ((4! \times (5! - 6)) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - ((6 - 5!) \times 4!)) + (3!! \times 2 + 1) \\ 286481 &:= 1 \times (2 + (((3!! \times 4!)/5) + (6! + (7 \times (8! + 9)))) &= 9 + (8 \times (((7! + 6!)/5!) \times (4! + 3!! + 2)) + 1) \\ 286482 &:= 1 + (2 + (((3!! \times 4!)/5) + (6! + (7 \times (8! + 9)))) &= (9 \times (8 + 7!)) - (6 \times (5! + (4! - ((3! + 2)! - 1)))) \\ 286483 &:= ((1 + 2)! + ((3!! - 4) \times 5)) + (6! + (7 \times (8! - 9))) &= 9 \times 8 + ((7 \times (6! - (5! + (4 - (3! + 2)!)))) - 1) \\ 286484 &:= 1 \times (((2 + 3!)! - (4 + 5! - 6!)) \times 7) + 8 \times 9 &= ((9 + (8! + 7!/6)) \times 5) + (((4!/3!) \times 2) - 1) \\ 286485 &:= 1 + (((2 + 3!)! - (4 + 5! - 6!)) \times 7) + 8 \times 9 &= 9 \times 8 + ((7 \times (6! - (5! + (4 - (3! + 2)!)))) + 1) \\ 286486 &:= (1 - (((2 - (3!! - (4 + 5))) \times 6) - (7 \times 8!))) - 9 &= ((9 + (8! + 7!/6)) \times 5) + (((4!/3!) \times 2) + 1) \\ 286487 &:= 1 \times (((2 + 3!!) - 4) \times 5) + (6! + (7 \times (8! - 9))) &= (9 + ((8! + 7) \times 6)) + ((5! + 4) \times (3!!/2 - 1)) \\ 286488 &:= (1 + (((2 + 3!!) - 4) \times 5)) + (6! + (7 \times (8! - 9))) &= (((9 \times 8) - 7!)/6) \times (((5!/4) - 3!!)/2) - 1) \\ 286489 &:= (1 + (2 + 3!)! - ((4! \times 5! - (6 \times 7! - 8)) \times 9) &= (9 \times (8 + 7!)) - ((6 \times (5! + (4! - (3! + 2)!))) - 1) \\ 286490 &:= (1 \times 2 + (3!! \times (4 \times 5))) + ((6 \times 7! - 8) \times 9) &= ((9 + 8 \times 7!) \times 6) + ((5! + 4) \times (3!!/2 - 1)) \\ 286491 &:= ((1 + 2) \times (3!^4 + 5!)) - (6 - (7 \times 8! + 9)) &= (9 + ((8! + 7) \times 6)) + (5! \times (((4! + 3!!)/2) - 1)) \\ 286492 &:= 1 + 2 \times 3!! + (4! \times 5! - (6 - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + 6!) - ((5 \times (4! - (3!! - 2))) + 1) \\ 286493 &:= 1 \times 2 - ((3 \times ((4! - 5) \times (6 - (7! - 8)))) - 9) &= (((9 + 8!) \times 7) + 6!) - (5 \times (4! - (3!! - (2 \times 1)))) \\ 286494 &:= (((1 + (2 \times 3! - 4)!) - 5!) \times 6) + ((7! - 8) \times 9) &= ((9 + 8 \times 7!) \times 6) + (5! \times (((4! + 3!!)/2) - 1)) \\ 286495 &:= 1 - (2 \times ((3! \times ((4! \times (5 - 6!)) + 7)) - 8! - 9)) &= (((9 \times 8) + 7) \times (6! + 5)) + 4! \times ((3 + 2) \times 1) \\ 286496 &:= ((1 + 2) + 3!!) - (4 - (5 \times 6! + (7 \times (8! - 9)))) &= (9 + 8! \times 7) - (((6 - (5! + 4)) \times (3!^2)) + 1) \\ 286497 &:= (1 - ((2 - (3!! \times 4)) \times 5)) + (6 \times (7! + 8! - 9)) &= 9 \times 8 + ((7 \times (6! - (5! - ((4!/3!) - 2)))) - 1) \\ 286498 &:= 1 + 2 \times 3!! + ((4 \times 5! \times 6) + (7 \times (8! - 9))) &= (9 + 8! \times 7) - (((6 - (5! + 4)) \times (3!^2)) - 1) \\ 286499 &:= (1 + ((2 + 3!! \times 4) \times 5)) + ((6 \times 7! - 8) \times 9) &= 9 \times 8 + ((7 \times (6! - (5! - ((4!/3!) - 2)))) + 1) \\ 286500 &:= 1 - (2 - (3!! + (4 + (5 \times 6! + (7 \times (8! - 9)))))) &= (9 + 8! \times 7) + (((6^5 + (4 + 3!!))/2) + 1) \\ 286501 &:= (((1 + 2)!! - (3! + 4)) \times 5) + 6! + (7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6!) - ((5 \times (4! - 3!!)) + 2 \times 1) \\ 286502 &:= 1 \times 2 + ((3! + 4!) \times (5 \times 6 + (7! + 8!/9))) &= (((9 + 8!) \times 7) + 6!) - ((5 \times (4! - 3!!)) + (2 - 1)) \\ 286503 &:= (1 + 2 \times 3! \times 4) \times (((5 + (6! + 7)) \times 8) - 9) &= (((9 + 8!) \times 7) + (6! \times 5)) + (4! \times ((3! - 2)! + 1)) \\ 286504 &:= (1 + ((2 \times (3!^4 + (5! + 6!))) + 7 \times 8!)) - 9 &= (((9 + 8!) \times 7) + 6!) - ((5 \times (4! - 3!!)) - (2 - 1)) \\ 286505 &:= (1 \times 2 + ((3!! - 4!) \times 5)) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6!) - ((5 \times (4! - 3!!)) - (2 \times 1)) \\ 286506 &:= ((1 + 2)! + ((3!! \times (4! - 5)) + (6 \times (7! + 8! - 9)))) &= (9 \times ((8!/7!) + (6 + (5! \times 4!)))) \times ((3! \times 2) - 1) \\ 286507 &:= (((1 + 2)! \times 3!!) - 4!) - (5!/6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6 \times (5 - (4! - 3!)))) - 2 \times 1 \\ 286508 &:= (1 - ((2 - (3!! + 4)) \times 5)) + (6! + (7 \times (8! - 9))) &= (9 + 8! \times 7) + (((6 \times 5) \times ((4! \times 3!) - 2)) - 1) \\ 286509 &:= 1 + (2 + ((3!! \times (4 \times 5)) + (6 \times (7! + 8! - 9)))) &= (((9 + 8) \times (((7!/6!)^5 + 4)) + 3!!) + (2 \times 1) \end{aligned}$$

$$\begin{aligned} 286510 &:= (1 - ((2 - 3! \times 4!) \times (5 \times 6))) + (7 \times 8! + 9) &&= ((9 + 8 \times 7) \times (6 + 5!)) - 4 \times (3!^2 - 1) \\ 286511 &:= 1 \times ((2 \times (3!! + 4^5)) + (6! + (7 \times (8! + 9)))) &&= (9 \times (8! - (7! + (6! \times 5)))) - (((4! - 3!!) \times 2) + 1) \\ 286512 &:= 1 + ((2 \times (3!! + 4^5)) + (6! + (7 \times (8! + 9)))) &&= (((9 + 8!) \times 7) + 6!) - ((5 \times (4! - (3!! + 2))) + 1) \\ 286513 &:= (1 + (((2 + 3!)! + 4 - 5!) \times 6)) + ((7! - 8) \times 9) &&= (9 \times (8! - (7! + (6! \times 5)))) - (((4! - 3!!) \times 2) - 1) \\ 286514 &:= (1 + (((2 + 3!)! - 4!) \times 5)) + (6! + (7 \times (8! + 9))) &&= (((9 + 8!) \times 7) + 6!) - ((5 \times (4! - (3!! + 2))) - 1) \\ 286515 &:= ((1 + 2^{3!}) \times (4! - (5 + 6! - 7!))) + 8!/9 &&= ((9 \times 8) + ((7 \times (6! - (5! - (4!/3!)))) + 2)) + 1 \\ 286516 &:= ((1 - (2 - 3!!) \times 4) \times 5) + ((6 \times (7! + 8!)) - 9) &&= (9 \times ((8 + 7!) \times 6)) + ((5! + (4 - 3!))^2 \times 1) \\ 286517 &:= (1 + ((2 + 3!! \times 4) \times 5)) + (6 \times (7! + 8! - 9)) &&= (9 \times ((8 + 7!) \times 6)) + (((5! + (4 - 3!))^2) + 1) \\ 286518 &:= ((1 + ((2 + 3!)! + 4 - 5!)) \times 6) + ((7! - 8) \times 9) &&= (((9 + 8!) \times 7!/6!) + 5!) + (4^{3!} - (2 - 1)) \\ 286519 &:= (1 \times 2 + ((3!! + 4) \times 5)) + (6! + (7 \times (8! - 9))) &&= 9 \times 8 + (7 \times (6! - (5! - ((4!/3!) + (2 - 1)))))) \\ 286520 &:= 1 - (2 - (3!! + (4! + (5 \times 6! + (7 \times (8! - 9)))))) &&= ((9 + 8!) \times 7!/6!) + (5! + (4^{3!} + (2 - 1))) \\ 286521 &:= ((1 + 2)! + 3!!) + (((4! \times (5^6 - 7!))/8) \times 9) &&= (9 + (8! \times 7 + 6!)) + ((5! - 4!) \times (3!^2 + 1)) \\ 286522 &:= (1 + ((2 \times (3!^4 + (5! + 6!))) + 7 \times 8!)) + 9 &&= (((9 + 8!) \times 7) + 6) + ((5! + 4^{3!}) - 2 - 1) \\ 286523 &:= 1 - ((2 + 3!!) - (4 \times (((5! - 6) \times (7!/8)) - 9))) &&= (9 \times (8! - 7!)) - (6! + (((5 + 4!) \times 3!)^2) + 1) \\ 286524 &:= ((1 + 2)^{3!}) + (((4! \times (5^6 - 7!))/8) \times 9) &&= (9 + ((8! + 7!) \times 6)) + (5 \times ((4 \times (3!! - 2)) - 1)) \\ 286525 &:= (1 + 2 \times 3!!) - ((4 + (5 \times 6! + 7! - 8!)) \times 9) &&= (9 \times (8! - 7!)) - ((6! + (((5 + 4!) \times 3!)^2)) - 1) \\ 286526 &:= 1 - (2 - (3!! - (4! - (5 \times 6! + 7 \times 8! - 9)))) &&= (9 + (8! - 7) \times 6) + (((5! + 4) \times 3!!/2) - 1) \\ 286527 &:= (((1 \times 2 + 3!)! - (4 + 5!)) \times 6) + (7! + 8! - 9) &&= 9 \times 8 + ((7 \times (6! - (5! - ((4!/3!) + 2)))) + 1) \\ 286528 &:= (1 + (((2 + 3!)! - (4 + 5!)) \times 6) + 7!) + (8! - 9) &&= (9 + (8! - 7) \times 6) + (((5! + 4) \times 3!!/2) + 1) \\ 286529 &:= 1 \times 2 - ((3! \times (4 - 5! \times 6)) - (7 \times 8! - 9)) &&= (9 + ((8! + 7!) \times 6)) + ((5 \times 4) \times (3!! - (2 \times 1))) \\ 286530 &:= (1 - ((2 - 3!!) \times (4 \times 5))) + ((6 \times (7! + 8!)) + 9) &&= (9 + 8! \times 7) + (((6! - 5) \times 4) - 3!! \times 2) + 1) \\ 286531 &:= ((1 + 2)! \times 3!!) - (((4! \times 5)/6) - (7 \times 8! - 9)) &&= (((9 - (8 - 7))^6) + ((5 + 4!)^3)) - 2 \times 1) \\ 286532 &:= (1 + 2 \times 3!!) - ((4 \times (5 - 6!)) - (7 \times 8! - 9)) &&= ((9 + (8! + 7)) \times 6) + ((5! + 4) \times (3!!/2 - 1)) \\ 286533 &:= ((1 + ((2 + 3!!) \times 4) \times 5) + ((6 \times 7! - 8) \times 9) &&= (((9 \times ((8 + 7!) \times 6)) + 5!) + (4!^3)) - 2) - 1) \\ 286534 &:= ((1 - (2 - 3!!) \times 4) \times 5) + ((6 \times (7! + 8!)) + 9) &&= (((9 \times ((8 + 7!) \times 6)) + 5!) + (4!^3)) - 2) \times 1) \\ 286535 &:= ((1 + (2 \times (3 + 4!))) \times 5!) + (6^7 + (8 - 9)) &&= (((9 \times ((8 + 7!) \times 6)) + 5!) + (4!^3)) - 2) + 1) \\ 286536 &:= 1 \times (((2 + 3!)! + (4! - (5! - 6!))) \times 7) - 8 \times 9 &&= ((9 + (8! + 7)) \times 6) + (5! \times (((4! + 3!!)/2) - 1)) \\ 286537 &:= (1 + 2 \times 3!! - 4!) - ((5 \times 6! + 7! - 8!) \times 9) &&= ((9 \times (8! - (7! + (6! \times 5)))) - 4!) + (3!! \times 2 + 1) \\ 286538 &:= 1 - ((2 \times (3!! - (4 \times (5 + 6!)))) - (7 \times (8! - 9))) &&= (9 + (8! \times 7 + 6!)) - ((5 \times (4 - (3!! - 2))) + 1) \\ 286539 &:= 1 + (((2 + 3!)! + (4 - (5 \times 6))) \times 7) + 8!/9 &&= (9 - (8! - ((7! + 6) \times 5))) \times (4 - ((3! - 2)! - 1)) \\ 286540 &:= (1 - ((2 - (3!! - 4) \times 5)) + (6! + (7 \times 8! + 9))) &&= (9 + (8! \times 7 + 6!)) - ((5 \times (4 - (3!! - 2))) - 1) \\ 286541 &:= 1 \times (((2 + 3!)! - 4) \times 5) + (6! + 7 \times 8! - 9) &&= 9 \times 8 + ((7 \times (6! - (5! - (4 + (3! + 2)!)))) + 1) \\ 286542 &:= (1 - ((2 - (3!! \times 4) \times 5)) + ((6 \times (7! + 8!)) - 9) &&= ((9 + 8!) \times 7) + ((6!/5 + 4^{3!}) - (2 - 1)) \\ 286543 &:= 1 - (2 \times (3!! + ((4! \times (5! \times (6 - (7 \times 8)))) + 9))) &&= (9 + (8! \times 7 + (6! \times 5 - 4!))) + (3!! - (2 \times 1)) \\ 286544 &:= 1 - (2 - ((3! \times ((4 - 5) + 6!)) + 7 \times 8! - 9)) &&= (9 + ((8! + 7!) \times 6)) + ((5^4) \times ((3! - 2)! - 1)) \\ 286545 &:= (((1 \times 2 + 3!)! - (4 + 5!)) \times 6) + (7! + 8! + 9) &&= (9 + 8! - 7!) + ((6 \times 5! - 4!) \times (3!!/2 + 1)) \\ 286546 &:= 1 + 2 \times 3!! + (4! \times 5! - (6 - (7 \times 8! - 9))) &&= (9 + (8! + 7!)) - ((6 \times (5! + (4 - (3! + 2)!))) - 1) \\ 286547 &:= 1 \times 2 - ((3! \times (4 - 5! \times 6)) - (7 \times 8! + 9)) &&= (9 + 8! \times 7 + 6) + ((5! - 4) \times (3!^2 + 1)) \\ 286548 &:= 1 - (2 - (((3!! - 4) \times 5) + (6! + (7 \times 8! + 9)))) &&= (9 + (8! \times 7 + ((6! - 5) \times 4))) + 3!! \times 2 - 1) \end{aligned}$$

$$\begin{aligned}
 286549 &:= (1 \times 2 + 3!) - (4 - (5 \times 6! + 7 \times 8! - 9)) &= (9 + ((8! + 7!) \times 6)) + ((5 \times 4) \times (3! - (2 - 1))) \\
 286550 &:= (1 + 2 \times 3!) - ((4 \times (5 - 6!)) - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - (((6 - (5! + 4)) \times (3!^2)) + 1) \\
 286551 &:= ((1 + ((2 + 3!) \times 4)) \times 5) + (6 \times (7! + 8! - 9)) &= (9 \times (8! - (7! + (6! \times 5)))) - (((4 - 3!) \times 2) + 1) \\
 286552 &:= 1 + 2 \times 3! + ((4 \times 5! \times 6) + 7 \times 8! - 9) &= 9 - (((8 - (7! + (6! \times (5! + 4! \times 3)))) \times 2) + 1) \\
 286553 &:= (1 + (2 \times (3! - 4))) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 \times (8! - (7! + (6! \times 5)))) - (((4 - 3!) \times 2) - 1) \\
 286554 &:= 1 - (2 - (3! + (4 + (5 \times 6! + 7 \times 8! - 9)))) &= ((9 + 8!) \times 7) + (((6^5 + (4 + 3!))/2) + 1) \\
 286555 &:= (1 \times 2 + (3^4 \times (5 \times 6! - 7))) - 8!/9 &= ((9 \times (8! - (7! + (6! \times 5)))) - 4) + 3! \times 2 - 1 \\
 286556 &:= 1 \times 2 \times ((3! \times (4! + 5!)) - (6! - (7 + 8! - 9))) &= (9 + (8! + 7!)) - ((6 \times (5! - ((4!/3)! - 2))) + 1) \\
 286557 &:= (1 + 2 \times 3! - 4) - ((5 \times 6! + 7! - 8!) \times 9) &= ((9 \times (8! - (7! + (6! \times 5)))) - 4) + (3! \times 2 + 1) \\
 286558 &:= 1 + 2 \times 3! + (4! \times 5! + ((6 + 7 \times 8!) - 9)) &= (9 + (8! + 7!)) - ((6 \times (5! - ((4!/3)! - 2))) - 1) \\
 286559 &:= (1 - (((2 + 3!) - 4^5) \times 6)) \times ((7 \times 8) - 9) &= (9 \times (8! - 7!)) + (((6! \times (5 - (4! + (3! - 2)!))) - 1) \\
 286560 &:= (1 - ((2 - (3! \times 4)) \times 5)) + ((6 \times (7! + 8!)) + 9) &= (9 + ((8! + 7!) \times 6)) + ((5 \times (4 \times 3! - 2)) + 1) \\
 286561 &:= ((1 \times 2 + 3! \times 4) \times 5) + ((6 \times (7! + 8!)) - 9) &= (9 - 8) \times (((7! + (6! \times (5! + 4! \times 3))) \times 2) + 1) \\
 286562 &:= (1 + ((2 + 3! \times 4) \times 5)) + ((6 \times (7! + 8!)) - 9) &= ((9 + 8! \times 7) - (6 - (5! \times 4!))) + 3! \times 2 - 1 \\
 286563 &:= ((1 \times 2 + (3^4 \times (5 \times 6!))) - 7!) - (8 - 9) &= ((9 \times (8! - (7! + (6! \times 5)))) + 4) + 3! \times 2 - 1 \\
 286564 &:= 1 + 2 \times 3! + (4! \times 5! - (6 - (7 \times 8! + 9))) &= ((9 + 8! \times 7) - (6 - (5! \times 4!))) + (3! \times 2 + 1) \\
 286565 &:= (1 + (2 \times 3! + 4)) - ((5 \times 6! + 7! - 8!) \times 9) &= ((9 \times (8! - (7! + (6! \times 5)))) + 4) + (3! \times 2 + 1) \\
 286566 &:= 1 - ((2 \times ((3! \times (4! \times (5 - 6!))) - (7 + 8!))) + 9) &= 9 - (8 + ((7 - (6^5 - 4!)) \times (3!^2 + 1))) \\
 286567 &:= 1 \times ((2 + 3!) - (4 - (5 \times 6! + (7 \times 8! + 9)))) &= ((9 \times (8! - (7! + (6! \times 5)))) + ((4 + 3!) \times 2)) - 1 \\
 286568 &:= 1 \times ((2 \times (3! + 4)) - ((5 \times 6! + 7! - 8!) \times 9)) &= (9 - (8!/7)) - (((6! + 5!) \times ((4! - 3!)/2)) + 1) \\
 286569 &:= (1 + (2 \times (3! + 4))) - ((5 \times 6! + 7! - 8!) \times 9) &= ((9 + (8! + 7!)) \times 6) + (5 \times ((4 \times (3! - 2)) - 1)) \\
 286570 &:= 1 + 2 \times 3! + ((4 \times 5! \times 6) + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + (5 \times ((4! \times (3!^2)) - 1)) \\
 286571 &:= (1 \times 2 + (3! + 4! \times 5!)) + (6! + (7 \times 8! + 9)) &= ((9 + 8! - 7) \times 6) + (((5! + 4) \times 3!/2) - 1) \\
 286572 &:= 1 + 2 \times 3! + ((4 \times (5 + 6!)) + 7 \times 8! - 9) &= ((9 + 8! - 7) \times 6) + ((5! + 4) \times (3!/2 \times 1)) \\
 286573 &:= (1 \times 2 + ((3! + 4) \times 5)) + (6! + 7 \times 8! - 9) &= ((9 + 8! - 7) \times 6) + (((5! + 4) \times 3!/2) + 1) \\
 286574 &:= 1 - ((2 + (3! \times (4 - 5 - 6!))) - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6 + (5! \times 4!)))) + 3! \times 2 - 1 \\
 286575 &:= (((1 + (2 \times 3! - 4)! - 5!) \times 6) + (7! + 8! + 9)) &= (((9 + 8!) \times 7) + 6!) + ((5! - 4!) \times (3!^2 + 1)) \\
 286576 &:= 1 + 2 \times 3! + (4! \times 5! + (6 + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6 + (5! \times 4!)))) + (3! \times 2 + 1) \\
 286577 &:= (1 \times 2 + 3! + 4!) + (5 \times 6! + 7 \times 8! - 9) &= (9 \times (((8!/7) - 6) \times 5)) + (4!^3 \times 2 - 1) \\
 286578 &:= (1 \times 2 - 3!) + (4! \times 5! + (6^7 + 8!/9)) &= (9 + ((8! + 7!) \times 6)) + ((5 \times ((4 \times 3!) + 2)) - 1) \\
 286579 &:= ((1 - (2 - 3!)) \times 4) \times 5) + (6 \times (7! + 8! + 9)) &= (9 \times (((8!/7) - 6) \times 5)) + (4!^3 \times 2 + 1) \\
 286580 &:= (1 + ((2 + 3! \times 4) \times 5)) + ((6 \times (7! + 8!)) + 9) &= (9 + (8! + 7!)) - ((6 \times (5! - ((4!/3)! + 2))) + 1) \\
 286581 &:= (((1 + ((2 + 3!)! + 4 - 5!)) \times 6) + 7!) + (8! - 9) &= 9 - (8 + (7 \times (6 - ((5^4) + ((3! + 2)! + 1)))) \\
 286582 &:= (1 + ((2 + (3! + 4) \times 5)) + (6! + 7 \times 8! - 9) &= (9 + (8! + 7!)) - ((6 \times (5! - ((4!/3)! + 2))) - 1) \\
 286583 &:= 1 - (2 \times (3! - ((4 \times (5 + 6! - (7! - 8!))) - 9))) &= ((9 \times (8! - (7! + (6! \times 5)))) + 4!) + 3! \times 2 - 1 \\
 286584 &:= 1 \times (2 \times 3! + (4! - ((5 \times 6! + 7! - 8!) \times 9))) &= ((9 + 8!) \times 7) + (((((6! - 5) \times 4) - 3!) \times 2) + 1) \\
 286585 &:= (1 + (2 \times 3! + 4!)) - ((5 \times 6! + 7! - 8!) \times 9) &= ((9 \times (8! - (7! + (6! \times 5)))) + 4!) + (3! \times 2 + 1) \\
 286586 &:= (((1 + 2)! \times 3!) + 4! + 5) + ((6 + 7 \times 8!) - 9) &= ((9 + 8!) \times 7) - (((6!/5!) \times (4 - (3! - 2))) + 1) \\
 286587 &:= (((1 + (2 \times 3! - 4)! - (5!/6)) \times 7) + 8!/9) &= (9 \times (8 + (7! \times 6))) + (5 \times ((4 \times (3! - 2)) - 1))
 \end{aligned}$$

$$\begin{aligned}
 286588 &:= 1 - (2 - (((3!! + 4) \times 5) + (6! + (7 \times 8! + 9)))) &= (9 \times (8! - 7!)) - ((6! + (5! - 4)) \times (3!^2 + 1)) \\
 286589 &:= ((1 + 2)! \times 3!!) + (((4! \times 5)/6) + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6) + ((5! - 4) \times (3!^2 + 1)) \\
 286590 &:= 1 + 2 \times 3!! + ((4 \times (5 + 6!)) + (7 \times 8! + 9)) &= (9 + (8! \times 7 + ((6! + 5) \times 4))) + (3!! \times 2 + 1) \\
 286591 &:= (1 \times 2 + ((3!! + 4) \times 5)) + (6! + (7 \times 8! + 9)) &= ((9 \times (8 + (7! \times 6))) + ((5 \times 4) \times (3!! - 2))) - 1 \\
 286592 &:= 1 - (2 - (3!! + (4! + (5 \times 6! + (7 \times 8! + 9)))) &= ((9 + 8! \times 7) - 6!) - (5! - (((4! \times 3!)^2) - 1)) \\
 286593 &:= (((1 \times 2 + 3!)! + 4 - 5!) \times 6) + (7! + 8! + 9) &= ((9 \times (8 + (7! \times 6))) + ((5 \times 4) \times (3!! - 2))) + 1 \\
 286594 &:= (1 + (((2 + 3!)! + 4 - 5!) \times 6) + 7!) + (8! + 9) &= ((9 + 8! \times 7) - 6!) - (5! - (((4! \times 3!)^2) + 1)) \\
 286595 &:= 1 - (2 - ((3^4 - 5) \times (((6 \times 7!)/8) - 9))) &= (9 \times (8! - (7! + (6! \times 5 - 4)))) + 3!! \times 2 - 1 \\
 286596 &:= ((1 + ((2 + 3!!) \times 4) \times 5) + ((6 \times (7! + 8!)) - 9) &= (((9 + 8!) \times 7) + (6! \times 5 - (4! - (3!! - 2)))) - 1 \\
 286597 &:= ((1 - (2 - 3!!) \times 4) \times 5) + ((6 \times 7! + 8) \times 9) &= (9 \times (8! - (7! + (6! \times 5 - 4)))) + (3!! \times 2 + 1) \\
 286598 &:= (((1 + ((2 + 3!)! + (4! - (5! - 6!)))) \times 7) - 8) - 9 &= (((9 + 8!) \times 7) + (6! \times 5 - (4! - (3!! - 2)))) + 1 \\
 286599 &:= (((1 + 2 \times 3!!) \times 4!) - (5! - 6!)) \times 7) + (8! - 9) &= ((9 + 8! \times 7) - 6!) + ((5!/4) + ((3! + (2 - 1)))!) \\
 286600 &:= (1 + ((2 + (3!! + 4) \times 5)) + (6! + (7 \times 8! + 9)) &= (9 - ((8! - 7!)/6!)) \times (5 \times (((4 - 3!!) \times 2) - 1)) \\
 286601 &:= 1 \times 2 - ((3! \times (4 - 5! \times 6)) - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) + ((5! - 4) \times (3!^2 + 1)) \\
 286602 &:= (1 \times 2 + (3 \times 4!)) \times (5! - (6! + (7 - 8!/9))) &= (((9 + 8!) \times 7) + ((6! - 5) \times 4)) + 3!! \times 2 - 1 \\
 286603 &:= 1 - (2 \times (3 + (4! \times (5 - ((6! - (7 \times 8)) \times 9)))) &= (((9 + (8! + 7!)) \times 6) + (5 \times (4 \times 3!! - 2))) - 1 \\
 286604 &:= (1 + 2 \times 3!!) - ((4 \times (5 - 6!)) - (7 \times (8! + 9))) &= (((9 + (8! + 7!)) \times 6) + (5 \times (4 \times 3!! - 2))) \times 1 \\
 286605 &:= (1 - ((2 - (3!! \times 4) \times 5)) + (6 \times (7! + 8! + 9)) &= (((9 + (8! + 7!)) \times 6) + (5 \times (4 \times 3!! - 2))) + 1 \\
 286606 &:= ((1 + 2) + ((3!! - 4) \times 5)) + (6! + (7 \times (8! + 9))) &= (((9 \times 8) + 7! + 6) \times (5! - 4^3)) - 2 \times 1 \\
 286607 &:= (1 - (((2 + 3!)! + (4! - (5! - 6!))) \times 7)) \times (8 - 9) &= (9 \times (8! - (7! + (6! \times 5)))) + (((4! + 3!!) \times 2) - 1) \\
 286608 &:= (1 - ((2 - (3!! + 4!)) \times 5)) + (6! + (7 \times (8! - 9))) &= 9 - (8 - ((7 \times (6! - (5! - (4! + (3! + 2)!)))) - 1)) \\
 286609 &:= (1 + (((2 + 3!)! - (4 + 5!)) \times 6)) + ((7! + 8) \times 9) &= (9 \times (8! - (7! + (6! \times 5)))) + (((4! + 3!!) \times 2) + 1) \\
 286610 &:= 1 - (2 - ((3! \times (4! - (5 - 6!))) + (7 \times (8! - 9)))) &= (9 + ((8! + 7) \times 6)) + (((5! + 4) \times 3!!/2) - 1) \\
 286611 &:= ((1 + 2)!)! + (((3!! + 4!) \times 5) - (6 - (7 \times (8! - 9)))) &= (9 + ((8! + 7) \times 6)) + ((5! + 4) \times (3!!/2 \times 1)) \\
 286612 &:= (1 + (((2 + 3! \times 4!) \times (5 \times 6)) + 7 \times 8!)) - 9 &= (((9 + 8!) \times 7) - 6) + (5 \times ((4! \times (3!^2)) - 1)) \\
 286613 &:= 1 \times (((2 + 3!!) - 4) \times 5) + (6! + (7 \times (8! + 9))) &= (9 + (8! \times 7 + 6!)) + ((5 \times ((4! + 3!)^2)) - 1) \\
 286614 &:= (((1 + ((2 + 3!)! + (4! - (5! - 6!)))) \times 7) + 8) - 9 &= (((9 + 8!) \times 7) + 6!) + (((5!/4!) \times (3!! - 2)) + 1) \\
 286615 &:= (((1 + 2)! \times 3!!) + 4) + (5! - (6 - (7 \times (8! - 9)))) &= (9 + 8! \times 7) + (6! + ((5 \times ((4! + 3!)^2)) + 1)) \\
 286616 &:= (((1 + ((2 + 3!)! + (4! - (5! - 6!)))) \times 7) - 8) + 9 &= (((9 + 8!) \times 7) - (6 - (5! \times 4!))) + 3!! \times 2 - 1 \\
 286617 &:= (((1 + 2 \times 3!!) \times 4!) - (5! - 6!)) \times 7) + (8! + 9) &= 9 + 8! + (7 \times (6! - (5! - (4! \times (3!! \times 2 + 1)))))) \\
 286618 &:= 1 + 2 \times 3!! + (4! \times 5! - (6 - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - (6 - (5! \times 4!))) + (3!! \times 2 + 1) \\
 286619 &:= 1 - (2 \times (3!! - ((4 \times (5 + 6! - (7! - 8!))) + 9))) &= (9 \times (8 + 7!)) - ((6 \times (5! - ((4!/3!) - 2))) + 1) \\
 286620 &:= 1 \times 2 \times (3! - (4! \times (5 - ((6! - (7 \times 8)) \times 9)))) &= (9 \times (8 + 7!)) - (6 \times (5! - ((4!/3!) - (2 \times 1)))) \\
 286621 &:= 1 \times ((2 + 3!!) - (4 - (5 \times 6! + (7 \times (8! + 9)))) &= (9 \times (8 + 7!)) - ((6 \times (5! - ((4!/3!) - 2))) - 1) \\
 286622 &:= 1 + ((2 + 3!!) - (4 - (5 \times 6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7!/6!) + (5! \times 4!)) + 3!! \times 2 - 1 \\
 286623 &:= (1 - ((2 - (3!! \times 4) \times 5)) + ((6 \times 7! + 8) \times 9) &= (9 \times (8 + (7! \times 6))) + ((5 \times (4 \times 3!! - 2)) + 1) \\
 286624 &:= (1 + 2 \times 3!) \times ((4! \times (5 + (6! + 7))) + 8!/9) &= (((9 + 8!) \times 7) + 6) + (5 \times ((4! \times (3!^2)) - 1)) \\
 286625 &:= (1 + ((2 + 3!! \times 4) \times 5)) + (6 \times (7! + 8! + 9)) &= ((9 + (8! + 7!)) \times 6) + ((5 \times ((4 \times 3!!) + 2)) + 1) \\
 286626 &:= 1 - (2 - (3!! + (4 + (5 \times 6! + (7 \times (8! + 9)))))) &= (9 \times (8! - (7! + 6))) - (5! \times ((4^{3! - 2}) + 1)) \\
 286627 &:= ((1 \times 2 + 3!! + 4!) \times 5) + (6! + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6 \times ((5 - 4) + 3!))) - 2 \times 1
 \end{aligned}$$

$$\begin{aligned}
 286628 &:= (1 + ((2 + 3!! + 4!) \times 5)) + (6! + (7 \times (8! - 9))) &= 9 - (((8 + (7 \times (6 - (5 \times 4^3)))) \times 2) + 1) \\
 286629 &:= (1 \times 2 + 3!!) + (4 + (5 \times 6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (6! \times 5 + (4 + 3!!))) + (2 \times 1) \\
 286630 &:= 1 + 2 \times 3!! + (4! \times 5! + (6 + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (6 + (5! \times 4!))) + (3!! \times 2 + 1) \\
 286631 &:= (1 + (2 \times ((3!!/4) - 5^6))) - ((7! - 8!) \times 9) &= (9 \times ((8 + (7! \times 6)) - (5! \times 4!))) + ((3! + 2)! - 1) \\
 286632 &:= (((1 + ((2 + 3!)! + (4! - (5! - 6!)))) \times 7) + 8) + 9 &= (((9 + 8!) \times 7) + (6! + ((5!/4!) \times (3!! + 2)))) - 1 \\
 286633 &:= (1 + (2 + 3!)!) - ((4! \times 5! - (6 \times 7! + 8)) \times 9) &= (((9 + 8!) \times 7) + (6! + ((5!/4!) \times (3!! + 2)))) \times 1 \\
 286634 &:= 1 + ((2 \times ((3!! \times 4) + (5 - 6!))) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6! + ((5!/4!) \times (3!! + 2)))) + 1 \\
 286635 &:= (((1 + 2)! \times 3!!) + 4!) + (5! - (6 - (7 \times (8! - 9)))) &= 9 - 8 - (((7 \times (6 - 5!)) + 4) \times (3!!/2 + 1)) \\
 286636 &:= (((1 + (2^{3!+4})) \times 5) - (6! - (7 \times 8!))) - 9 &= 9 - (8 + ((7 \times ((6 - (5 \times 4^3))) \times 2)) + 1) \\
 286637 &:= 1 - ((2 \times ((3! - (4! \times (5! + 6!))) \times 7)) - 8!/9) &= 9 \times 8 - ((7 - (6^5 - 4!)) \times (3!^2 + 1)) \\
 286638 &:= ((1 + ((2 + 3!)! + (4! - 5!))) \times 6) + ((7! - 8) \times 9) &= 9 \times 8 - (7 \times (6 - ((5^4) + ((3! + 2)! - 1)))) \\
 286639 &:= (((1 + 2)! \times 3!!) - 4) + (5!/6 + (7 \times (8! + 9))) &= 9 + (8 + ((7!/6!) \times ((5^4) + ((3! + 2)! + 1)))) \\
 286640 &:= 1 \times (2 \times (3!! - ((4! \times (5 - (6! + 7!))) - 8!/9))) &= 9 + ((8! \times 7 + (((6 + 5!) - 4) \times (3!^2))) - 1) \\
 286641 &:= 1 + (2 \times (3!! - ((4! \times (5 - (6! + 7!))) - 8!/9))) &= (9 \times (8 + (7! \times 6))) + ((5 \times ((4 \times 3!!) + 2)) - 1) \\
 286642 &:= 1 \times (((2 + 3!! \times 4) \times 5) + ((6 \times 7! + 8) \times 9)) &= (9 + 8! \times 7) + (((6 + 5!) - 4) \times (3!^2) + 1) \\
 286643 &:= (1 + ((2 + 3!! \times 4) \times 5)) + ((6 \times 7! + 8) \times 9) &= (9 \times (8 + 7!)) - ((6 \times (5! - ((4!/3!) + 2))) + 1) \\
 286644 &:= 1 + 2 \times 3!! + ((4 \times (5 + 6!)) + (7 \times (8! + 9))) &= 9 - (8 + (7 \times (6 - (5 \times ((4^3! \times 2) - 1)))) \\
 286645 &:= (1 \times 2 + ((3!! + 4) \times 5)) + (6! + (7 \times (8! + 9))) &= (9 \times (8 + 7!)) - ((6 \times (5! - ((4!/3!) + 2))) - 1) \\
 286646 &:= 1 - (2 - (3!! + (4! + (5 \times 6! + (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7) - 6!) - (5! - (((4! \times 3!)^2) - 1)) \\
 286647 &:= (((1 + 2) + 3!! \times 4) \times 5) + ((6 \times 7! + 8) \times 9) &= (9 + (8! - 7) \times 6) + (5! \times (((4! + 3!!)/2) + 1)) \\
 286648 &:= (((1 + 2)! \times 3!!) + (4! - 5)) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) - (5! - (((4! \times 3!)^2) + 1)) \\
 286649 &:= (1 \times 2 + 3!! + 4!) + (5 \times 6! + (7 \times (8! + 9))) &= (9 \times ((8! + ((7 + 6!) \times 5!)/4)) - (3!!/2 + 1) \\
 286650 &:= (1 + 2 \times 3! \times 4) \times ((5!/6 + 7!/8) \times 9) &= (9 \times ((8! + ((7 + 6!) \times 5!)/4)) - (3!!/2 \times 1) \\
 286651 &:= ((1 - 2 \times 3!) \times ((4 \times 5 \times (6! - 7)) - 8!)) - 9 &= (9 \times ((8! + ((7 + 6!) \times 5!)/4)) - (3!!/2 - 1) \\
 286652 &:= 1 \times 2 - (((3! + 4) \times (5! + (6! + 7))) - 8!) \times 9 &= (9 + 8! \times 7) + ((6 \times (5 + ((4! + 3!)^2))) - 1) \\
 286653 &:= ((1 \times 2 + (3!! + 4)) \times 5) + (6! + (7 \times (8! + 9))) &= (((9 + (8! + 7!)) \times 6) + ((5 \times 4) \times (3!! + 2))) - 1 \\
 286654 &:= (((1 + (2^{3!+4})) \times 5) - (6! - (7 \times 8!))) + 9 &= (((9 + 8!) \times 7) + 6!) + ((5 \times (4 + 3!! + 2)) + 1) \\
 286655 &:= (1 + ((2 + 3!!) \times (4 \times 5))) + (6 \times (7! + 8! + 9)) &= ((9 + (8! + 7)) \times 6) + (((5! + 4) \times 3!!/2) - 1) \\
 286656 &:= (((1 \times 2 + 3!)! + 4 - 5!) \times 6) + ((7! + 8) \times 9) &= ((9 + (8! + 7)) \times 6) + ((5! + 4) \times (3!!/2 \times 1)) \\
 286657 &:= (1 + (((2 + 3!)! + 4 - 5!) \times 6)) + ((7! + 8) \times 9) &= ((9 + (8! + 7)) \times 6) + (((5! + 4) \times 3!!/2) + 1) \\
 286658 &:= 1 - (2 - (3 \times ((4! + 5^6 - (7! - 8)) \times 9))) &= 9 - (8 - (7 \times (6 + ((5^4) + (3! + 2 \times 1!)))) \\
 286659 &:= ((1 + ((2 + 3!!) \times 4)) \times 5) + (6 \times (7! + 8! + 9)) &= ((9 + (8! + 7!)) \times 6) + (5 \times ((4 \times (3!! + 2)) + 1)) \\
 286660 &:= (1 + (2 \times (3 + 4!))) \times (5 + (6! + (7 + 8!/9))) &= 9 + 8 - (7 \times (6 - (5 \times ((4^3! \times 2) - 1)))) \\
 286661 &:= 1 \times (2 + (3 \times ((4! + 5^6 - (7! - 8)) \times 9))) &= ((9 + (8! + ((7 + (6! - 5) \times 4!) \times 3!))) \times 2) - 1 \\
 286662 &:= 1 + (2 + (3 \times ((4! + 5^6 - (7! - 8)) \times 9))) &= ((9 + (8! + ((7 + (6! - 5) \times 4!) \times 3!))) \times 2) \times 1 \\
 286663 &:= 1 - (2 \times ((3! \times ((4! \times (5 - 6!)) - 7)) - 8! - 9)) &= ((9 + (8! + ((7 + (6! - 5) \times 4!) \times 3!))) \times 2) + 1 \\
 286664 &:= 1 - ((2 \times (3!! - (4 \times (5 + 6!)))) - (7 \times (8! + 9))) &= (9 - 8) \times (7 \times (6 + ((5^4) + ((3! + 2)! + 1)))) \\
 286665 &:= (1 + 2)! + (3 \times ((4! + 5^6 - (7! - 8)) \times 9)) &= 9 - 8 + (7 \times (6 + ((5^4) + ((3! + 2)! + 1)))) \\
 286666 &:= (1 - ((2 - (3!! + (4 + 5))) \times 6)) + (7 \times (8! + 9)) &= (9 + 8! \times 7) + ((6 + 5^4) \times (3! + (2 - 1)))
 \end{aligned}$$

$$\begin{aligned}
 286667 &:= 1 \times (2 + ((3! \times (4! - (5 - 6!))) + 7 \times 8! - 9)) &= &(((9 + 8!) \times 7) + 6!) + ((5 \times ((4! + 3!)^2)) - 1) \\
 286668 &:= 1 + (2 + ((3! \times (4! - (5 - 6!))) + 7 \times 8! - 9)) &= &(((9 + 8!) \times 7) + 6!) + ((5!/4!) \times (3^{(2+1)!})) \\
 286669 &:= ((1 - 2 \times 3!) \times ((4 \times 5 \times (6! - 7)) - 8!)) + 9 &= &((9 + 8!) \times 7) + (6! + ((5 \times ((4! + 3!)^2)) + 1)) \\
 286670 &:= ((1 - 2) + (((3 + 4)!) + 5!)) - (6! - (7 \times 8! - 9)) &= &(9 + 8! \times 7) - ((6 \times (5 - (4! + (3!! - 2)))) + 1) \\
 286671 &:= (((1 + 2)^3) + 4!) \times (5 - ((6 - 7!/8) \times 9)) &= &((9 \times (8 + (7! \times 6))) + ((5 \times 4) \times (3!! + 2))) - 1 \\
 286672 &:= ((1 \times 2 + 3!!) \times (4 \times 5)) + ((6 \times 7! + 8) \times 9) &= &(9 + 8! \times 7) - ((6 \times (5 - (4! + (3!! - 2)))) - 1) \\
 286673 &:= (1 \times 2 + ((3!! + 4!) \times 5)) + (6! + 7 \times 8! - 9) &= &9 \times 8 + (7 \times (6! - (5! - (4! + ((3! + 2)! - 1)))) \\
 286674 &:= ((1 + 2) + ((3!! + 4!) \times 5)) + (6! + 7 \times 8! - 9) &= &(9 \times (8! - 7!) - 6) - (5! \times ((4^{3!-2}) + 1)) \\
 286675 &:= ((1 + 2)! \times (3!! + 4!)) - (5!/6 - (7 \times 8! - 9)) &= &9 + (8 + ((7 \times (6 + ((5^4) + (3! + 2)!))) + 1)) \\
 286676 &:= (((1 + 2) \times 3!! - 4) \times (5! + (6 + 7))) - 8 \times 9 &= &(9 + 8! \times 7) + ((6 \times (((5 \times 4) + 3!!) - 2)) - 1) \\
 286677 &:= ((1 + ((2 + 3!!) \times 4)) \times 5) + ((6 \times 7! + 8) \times 9) &= &(9 \times (8 + (7! \times 6))) + (5 \times ((4 \times (3!! + 2)) + 1)) \\
 286678 &:= (1 + (((2 + (3!! + (4! - 5))) \times 6) + 7 \times 8!)) - 9 &= &9 - (8 + ((7 \times (6 - (5 \times 4^{3!} \times 2))) + 1)) \\
 286679 &:= 1 - (((((2 + 3!)! \times (4 - 5)) + 6) \times 7) - 8!/9) &= &9 \times 8 + ((7 \times (6! - (5! - (4! + (3! + 2)!)))) - 1) \\
 286680 &:= ((1 + 2^{3!}) \times 4!) - ((5 \times 6! + 7! - 8!) \times 9) &= &9 - ((8 + (7 \times (6 - (5 \times 4^{3!} \times 2)))) - 1) \\
 286681 &:= ((1 \times 2 + 3!! + 4!) \times 5) + (6! + 7 \times 8! - 9) &= &9 \times 8 + ((7 \times (6! - (5! - (4! + (3! + 2)!)))) + 1) \\
 286682 &:= (1 + ((2 + 3!! + 4!) \times 5)) + (6! + 7 \times 8! - 9) &= &9 + 8! - 7 + (6! + (5! \times (4^{3!}/2 - 1))) \\
 286683 &:= ((1 + 2)!)! + (((3!! + 4!) \times 5) - (6 - (7 \times 8! + 9))) &= &(9 + (8! \times 7 + 6!)) + ((5 \times (4! + 3!!)) - (2 + 1)!) \\
 286684 &:= 1 - (((2 - (3! \times (4 + 5!))) \times 6) - (7 \times 8! - 9)) &= &((9 + 8! \times 7) - ((6 \times (5 - (4! + 3!!))) - 2)) - 1 \\
 286685 &:= 1 \times 2 + ((3! \times (4! - (5 - 6!))) + (7 \times 8! + 9)) &= &((9 + 8! \times 7) - ((6 \times (5 - (4! + 3!!))) - 2)) \times 1 \\
 286686 &:= 1 + (((((2 + 3!)! - (4 - 5 + 6)) \times 7) + 8!/9) &= &9 - (8 - ((7!/(6!/5)) \times ((4^{3!} \times 2) - 1))) \\
 286687 &:= ((1 + ((2 + 3!)! + (4! - (5! - 6!)))) \times 7) + 8 \times 9 &= &(9 + (8! \times 7 + 6!)) + ((5 \times (4! + 3!!)) - (2 \times 1)) \\
 286688 &:= (((((1 + 2)^{3!}) + 4) \times 5) + (6! + (7 \times (8! + 9)))) &= &9 \times 8 + (((7!/6!) \times ((5^4) + (3! + 2)!)) + 1) \\
 286689 &:= (((1 + 2)! \times 3!!) + 4!) + (5! - (6 - (7 \times 8! - 9))) &= &(9 + (8! \times 7 + 6!)) - (5! \times (4 - (3!^2 - 1))) \\
 286690 &:= (((((1 + 2)^3) \times 4!) - (5 + 6! - (7 \times 8!))) - 9) &= &(9 + (8! \times 7 + 6!)) + ((5 \times (4! + 3!!)) + (2 - 1)) \\
 286691 &:= (1 \times 2 + ((3!! + 4!) \times 5)) + (6! + (7 \times 8! + 9)) &= &(9 + (8! \times 7 + 6!)) + ((5 \times (4! + 3!!)) + 2 \times 1) \\
 286692 &:= ((1 + 2) \times 3!! - 4) + (5! + (6^7 + 8!/9)) &= &((9 + 8! - 7) \times 6) + (5! \times (((4! + 3!!)/2) + 1)) \\
 286693 &:= 1 - (((((2 + 3!)! - 4) \times ((5 - 6) \times 7)) - 8!/9) &= &(9 + 8 \times 7! \times 6) + ((5! + 4) \times (3!!/2 + 1)) \\
 286694 &:= (((1 + 2)! \times (3!! + 4!)) + 5) - (6 - (7 \times 8! - 9)) &= &((9 + 8!) \times 7) + (((6 + 5!) - 4) \times (3!^2)) - 1) \\
 286695 &:= (((1 \times 2 + 3!)! + (4! - 5!)) \times 6) + (7! + 8! - 9) &= &9 + 8 - (7 \times (6 - (5 \times (4^{3!} \times 2 \times 1)))) \\
 286696 &:= (1 + (((2 + (3!! + (4! - 5))) \times 6) + 7 \times 8!)) + 9 &= &(9 + (8! + 7)) + (6! + (5! \times (4^{3!}/2 - 1))) \\
 286697 &:= (1 \times 2 + ((3! \times ((4 + 5!) \times 6)) + 7 \times 8!)) - 9 &= &9 - ((8 - 76) \times (5! + (4^{3+2+1}))) \\
 286698 &:= (1 + 2)! \times (3!! + (((4 + (5! + (6! + 7!))) \times 8) - 9)) &= &((9 + 8!) \times 7) - (6! - (5 \times ((4^{3+2}) - 1))) \\
 286699 &:= ((1 \times 2 + 3!! + 4!) \times 5) + (6! + (7 \times 8! + 9)) &= &(9 + (8! \times 7 + 6!)) + (5 \times (4! + (3!! + 2 \times 1))) \\
 286700 &:= (1 + ((2 + 3!! + 4!) \times 5)) + (6! + (7 \times 8! + 9)) &= &(9 + (8! \times 7 + 6!)) + ((5 \times (4! + 3!! + 2)) + 1) \\
 286701 &:= (((1 + ((2 + 3!)! + (4! - 5!))) \times 6) + 7!) + (8! - 9) &= &(9 + (8! \times 7 + 6!)) + (((5^4) - 3) \times (2 + 1)!) \\
 286702 &:= (((1 + 2)! \times (3!! + 4!)) - 5) - (6 - (7 \times 8! + 9)) &= &(9 + 8! \times 7) + ((6 \times ((5 \times 4) + 3!! + 2)) + 1) \\
 286703 &:= 1 \times (((2 + 3) \times 4^5) - (6! - (7 \times (8! + 9)))) &= &((9 + 8!) \times 7) - (6! - (5 \times (4^{3+2} \times 1))) \\
 286704 &:= (1 - 2 \times 3!) \times (((4 \times (5 - 6! - 7)) - 8) \times 9) &= &((9 + 8!) \times 7) - (6! - ((5 \times (4^{3+2}) + 1)) \\
 286705 &:= (((1 \times 2 + 3!)!/(4 + 5)) - 6) + (7 \times 8! - 9) &= &(9 + 8) \times (((7!/6!)^5) + ((4^3) - (2 + 1)!))
 \end{aligned}$$

$$\begin{aligned}
 286706 &:= (((1+2)! \times (3!!+4!)) + 5) + ((6+7 \times 8!) - 9) &= ((9+8!) \times 7) + ((6 \times (5 + ((4!+3)^2))) - 1) \\
 286707 &:= 1 \times (((2+(3! \times (4+5!))) \times 6) + 7 \times 8! - 9) &= ((9+8! \times 7) - 6!) - (5 - (((4! \times 3)^2) - 1)) \\
 286708 &:= (1 + (((2+(3! \times (4+5!))) \times 6) + 7 \times 8!)) - 9 &= ((9+8! \times 7) - 6) + (((5!+4) \times (3!^2)) + 1) \\
 286709 &:= 1 + 2 \times 3! - (4! - ((56 \times 7!) + 8!/9)) &= ((9+8! \times 7) - 6!) - (5 - (((4! \times 3)^2) + 1)) \\
 286710 &:= ((1+2) \times (3!! + (4! + (5+6!)))) + (7 \times (8!+9)) &= (9 + (8! \times 7 + ((6!/5!) \times (4!+3!)))) - (2+1) \\
 286711 &:= (((12^3) \times 4) - (5! - 6^7)) - (8+9) &= (9 + (8! \times 7 + ((6!/5!) \times (4!+3!)))) - 2 \times 1 \\
 286712 &:= (((1+2)! \times (3!!+4!)) + 5) - (6 - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! \times 5))) + ((4! \times (3!^2)) - 1) \\
 286713 &:= (((1 \times 2 + 3!)! + (4! - 5!)) \times 6) + (7! + 8! + 9) &= (9 + (8! + 7!)) - (6 \times (5! - (4! + (3! + 2 \times 1)!))) \\
 286714 &:= (1 - (((2 - (3!! + 4! + 5)) \times 6) - (7 \times 8!))) - 9 &= 9 - (((8 - ((7!/(6!/5)) \times 4^3)) \times 2) - 1) \\
 286715 &:= (1 \times 2 + ((3! \times ((4+5!) \times 6)) + 7 \times 8!)) + 9 &= 9 \times 8 - (7 \times (6 - (5 \times ((4^3! \times 2) - 1)))) \\
 286716 &:= (1+2) \times ((3 \times (4 + (5! + 6 \times 7!))) + 8!/9) &= (9 + (8! \times 7 + 6!)) + (((5^4) \times 3!) - 2 - 1) \\
 286717 &:= 1 \times (((2+3!)!/(4+5)) + ((6+7 \times 8!) - 9)) &= ((9+8! \times 7) - 6!) + ((5 + ((4! \times 3)^2)) - 1) \\
 286718 &:= (((1+2)!^3 \times 4!) + 5) - (6! - (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + (((5!+4) \times (3!^2)) - 1) \\
 286719 &:= (((1 + ((2+3!)! + (4! - 5!))) \times 6) + 7!) + (8! + 9) &= ((9+8! \times 7) - 6!) + (5 + (((4! \times 3)^2) + 1)) \\
 286720 &:= ((1 + ((2-3!) \times (4! - 5!))) \times 6!) + (7! + 8!/9) &= 9 - (8 - (((7!/(6!/5)) \times 4^3! \times 2) - 1)) \\
 286721 &:= (((((1+2)!!/3) \times 4^5)/6) \times 7) - (8-9) &= (9 + (8! \times 7 + 6!)) + (((5^4) \times 3!) + 2 \times 1) \\
 286722 &:= ((1+2)!)! + (((3+4!) \times (5^6 - (7! - 8))) - 9) &= 9 - (8 - (((7!/(6!/5)) \times 4^3! \times 2) + 1)) \\
 286723 &:= (((1+2)^{3+4} + 5!) + (6^7 + 8!/9)) &= 9 + (((((8!/7!) + 6) \times 5) \times 4^3!) - (2+1)!) \\
 286724 &:= 1 - (2 - ((3! \times (4! + (5+6!))) + 7 \times 8! - 9)) &= ((9+8!) \times 7) - ((6 \times (5 - (4! + (3!! - 2)))) + 1) \\
 286725 &:= ((1+2)! \times 3!!) + (((4!+5) \times 6) + 7 \times 8! - 9) &= (9 + (8! \times 7 + 6!)) + (((5^4) \times 3!) + (2+1)!) \\
 286726 &:= (1 + (((2+(3! \times (4+5!))) \times 6) + 7 \times 8!)) + 9 &= ((9+8!) \times 7) - ((6 \times (5 - (4! + (3!! - 2)))) - 1) \\
 286727 &:= (1 \times 2 + (3! \times (4! + (5+6!)))) + (7 \times 8! - 9) &= 9 + (((((8!/7!) + 6) \times 5) \times 4^3!) - (2 \times 1)) \\
 286728 &:= ((1+2 \times 3!) \times 4!) \times (5! + (6! + (7+8 \times 9))) &= 9 \times 8 + ((7 \times (6 + ((5^4) + (3!+2)!))) - 1) \\
 286729 &:= (((12^3) \times 4) - (5! - 6^7)) - (8-9) &= 9 \times 8 + (7 \times (6 + ((5^4) + (3!+2 \times 1)!))) \\
 286730 &:= ((1+2) + (((3+4)! \times 56)) + (7+8!/9)) &= (9 + (8 \times ((7 + (6! \times 5)) - 4!)) \times (3^2 + 1) \\
 286731 &:= ((1+2)!! + (3!!/4)) + (5 \times 6! + 7 \times 8! - 9) &= (9 + ((8! + 7) \times 6)) + (5! \times (((4!+3!)/2) + 1)) \\
 286732 &:= (1 - (((2 - (3!! + 4! + 5)) \times 6) - (7 \times 8!))) + 9 &= (((9+8!) \times 7) + 6!) + ((5 \times (4! + (3!! - 2))) - 1) \\
 286733 &:= (((1+2)! \times (3!!+4!)) + (5!/6 + 7 \times 8!)) + 9 &= (((9+8!) \times 7) + 6!) + (5 \times (4! + (3!! - (2 \times 1)))) \\
 286734 &:= (1 - ((2 - (3!! + 4!)) \times 5)) + (6! + (7 \times (8!+9))) &= ((9+8 \times 7!) \times 6) + (5! \times (((4!+3!)/2) + 1)) \\
 286735 &:= (1 + (((2+3)^4) \times 5!)) - (6 \times (7! - 8! - 9)) &= (9 + ((8! + 7) \times 6)) + ((5!+4) \times (3!!/2 + 1)) \\
 286736 &:= 1 - (2 - ((3! \times (4! - (5-6!))) + (7 \times (8!+9)))) &= (9 + 8! \times 7) + ((6 \times ((5!/4) + (3!! - 2))) - 1) \\
 286737 &:= (((1+2)!! + (3!!/4)) \times 5) + ((6+7 \times 8!) - 9) &= (9 + (8! \times 7 + (6! \times 5))) + (4! \times (3!^2 + 1)) \\
 286738 &:= (1 + (((2+(3!!+4!+5)) \times 6) + 7 \times 8!)) - 9 &= (9 + 8! \times 7) - (6 - (5 \times (((4!+3!)^2) - 1))) \\
 286739 &:= 1 \times 2 + ((3! \times (4! - (5-6!))) + (7 \times (8!+9))) &= (9 \times (8!/7)) + (((6!+5) \times ((4! - 3!^2)) - 1) \\
 286740 &:= (((1+2)!)! \times (3^4 \times 5)) + (((6! - 7!)/8) \times 9) &= (9 \times (8!/7)) + ((6!+5) \times ((4! - 3!)^2 \times 1)) \\
 286741 &:= (((1+2)! \times 3!!) + 4) + (5! - (6 - (7 \times (8!+9)))) &= (9 \times (8!/7)) + (((6!+5) \times ((4! - 3!)^2)) + 1) \\
 286742 &:= 1 \times 2 - (((3!!/4 \times (5+6 \times 7)) - 8!) \times 9) &= (9 + 8! \times 7) - (6 - ((5 \times ((4!+3!)^2)) - 1)) \\
 286743 &:= ((1+2) \times (3!! + 4^5)) - (6! - (7 \times 8! - 9)) &= (((9+8!) \times 7) + 6!) - (5! \times (4 - (3!^2 - 1)))
 \end{aligned}$$

$$\begin{aligned}
 286744 &:= (1+2)!! - (3!! - (4! + ((56 \times 7!) + 8!/9))) &= (9+8! \times 7) - (6 - ((5 \times ((4! + 3!)^2)) + 1)) \\
 286745 &:= (1 \times 2 + (3! \times (4! + (5+6)))) + (7 \times 8! + 9) &= (9 \times (8! - (7! + 6))) - ((5! \times (4^{3!-2})) + 1) \\
 286746 &:= ((1+2) + ((3! \times (4! + (5+6)))) + 7 \times 8!) + 9 &= (9 \times (8! - (7! + 6))) - (5! \times (4^{3+2-1})) \\
 286747 &:= 1 - ((2^{3!} \times (4 \times 5!)) + (((6+7!) - 8!) \times 9)) &= (9 \times (8! - (7! + 6))) - ((5! \times (4^{3!-2})) - 1) \\
 286748 &:= 1 \times (((2+3!)! - (4 \times (5-6))) \times 7) + 8!/9 &= ((9+8! \times 7) - 6) + (5 \times (((4! + 3!)^2) + 1)) \\
 286749 &:= (1 - (2 \times (3!! - ((4! + 5) \times (6+7)))) - 8!/9 &= 9 \times 8 - ((7 \times (6 - (5 \times 4^{3!} \times 2))) + 1) \\
 286750 &:= 1 - (((2 \times 3!! - (4! + 5)) \times 6) - (7+8!)) \times 9 &= (9+8! \times 7+6) + (5 \times (((4! + 3!)^2) - 1)) \\
 286751 &:= (1+2)^3 + (4 + ((56 \times 7!) + 8!/9)) &= 9 \times 8 - ((7 \times (6 - (5 \times 4^{3!} \times 2))) - 1) \\
 286752 &:= ((1 + ((2+3) \times 4!)) \times 5!) + ((6 \times 7! + 8) \times 9) &= ((9 \times ((8+7!) \times 6)) + ((5! - (4-3))^2)) - 1 \\
 286753 &:= 1 \times (((2+3!!+4!) \times 5) + (6! + (7 \times (8!+9)))) &= (((9+8!) \times 7) + 6!) + (5 \times (4! + (3!! + 2 \times 1))) \\
 286754 &:= (1 + ((2+3!!+4!) \times 5)) + (6! + (7 \times (8!+9))) &= (9+8! \times 7+6) + ((5 \times ((4! + 3!)^2)) - 1) \\
 286755 &:= 1 \times (((2+3!)! + (4-5+6)) \times 7) + 8!/9 &= (9-8) \times ((7!/(6!/5)) \times ((4^{3!} \times 2) + 1)) \\
 286756 &:= (1 + (((2 + (3!! + 4! + 5)) \times 6) + 7 \times 8!)) + 9 &= (9 + (((8!/7!) + 6) \times ((5 \times 4^{3!} + 2))) - 1) \\
 286757 &:= 1 - ((2 \times (3! - 4!)) - ((56 \times 7!) + 8!/9)) &= (9 + (((8!/7!) + 6) \times ((5 \times 4^{3!} + 2))) \times 1) \\
 286758 &:= (((1+2)!! + (3+4!)) \times 5) + (6! + (7 \times (8!+9))) &= (9 + (((8!/7!) + 6) \times ((5 \times 4^{3!} + 2))) + 1) \\
 286759 &:= (1 - 2 \times 3!) \times ((4 \times 5 \times (6! - 7)) - 8! - 9) &= (9 + (8! + ((7-6!) \times (5 \times 4)))) \times ((3! \times 2) - 1) \\
 286760 &:= (1 - 2 \times 34) \times (5! + ((6! - 7! \times 8)/9)) &= ((9+8!) \times 7) - (6 - (((5! + 4) \times (3!^2)) - 1)) \\
 286761 &:= ((1+2) \times (3!! + 4^5)) - (6! - (7 \times 8! + 9)) &= (((9+8!) \times 7) - 6!) - (5 - (((4! \times 3)^2) - 1)) \\
 286762 &:= (((1+2)!^3) \times 4!) - 5 - (6! - (7 \times (8! + 9))) &= 9 - (8 - ((7 \times (6 + (5 \times 4^{3!} \times 2))) - 1)) \\
 286763 &:= (1 + ((23^4) + (((5+6) \times 7!)/8))) - 9 &= (((9+8!) \times 7) - 6!) - (5 - (((4! \times 3)^2) + 1)) \\
 286764 &:= 1 \times (23 \times (4! + ((5 + (6! + 7)) \times (8+9)))) &= ((9-8) + (7 \times (6 + (5 \times 4^{3!} \times 2)))) + 1) \\
 286765 &:= (((1+2) \times 3!! - 4) \times (5! + (6+7))) + 8 + 9 &= ((9+8!) \times 7) + (((6!/5!) \times (4! + 3!)) - (2 \times 1)) \\
 286766 &:= (((1+2)! \times (3!! + 4!)) + 5) - (6 - (7 \times (8! + 9))) &= (((9+8!) \times 7) + (6! \times 5)) + ((4! \times (3!^2)) - 1) \\
 286767 &:= (((1+2)! \times (3!! + 4!)) + 5!) + (6 + (7 \times (8! - 9))) &= (((9 \times 8) + 7) \times (6! \times 5 + (4! + 3!))) - 2 - 1) \\
 286768 &:= 1 - ((2 \times ((3! - 4!) \times (5! + 6))) - (7 \times 8! - 9)) &= (((9+8!) \times 7) + (6! \times 5)) + ((4! \times (3!^2)) + 1) \\
 286769 &:= (1 + (2 \times (3!^4 - 5!))) + (6^7 + 8!/9) &= (((9 \times 8) + 7) \times (6! \times 5 + (4! + 3!))) - 2 + 1) \\
 286770 &:= 1 \times 2 \times (((3^4 + 5!) \times (6! - 7)) + 8 \times 9) &= 9 - (8 - (7 \times (6 + ((5 \times 4^{3!} \times 2) + 1)))) \\
 286771 &:= 1 - ((2 - 3^4) \times (5 \times (6 + (((7+8) - 9)!))) &= (((9+8!) \times 7) - 6!) + ((5 + ((4! \times 3)^2)) - 1) \\
 286772 &:= 1 \times (2 + ((3! + 4! + 5 \times 6!) \times (7+8 \times 9))) &= 9 + (8 + ((7!/(6!/5)) \times ((4^{3!} \times 2) + 1))) \\
 286773 &:= 1 + (2 + ((3! + 4! + 5 \times 6!) \times (7+8 \times 9))) &= (((9+8!) \times 7) - 6!) + (5 + (((4! \times 3)^2) + 1)) \\
 286774 &:= (1 + (((2+3)^4 + 5!) \times 6)) + (7 \times (8! + 9)) &= (((9+8!) \times 7) + 6) + (((5! + 4) \times (3!^2)) + 1) \\
 286775 &:= (1 + ((2 \times (3+4!)) + (56 \times 7!))) + 8!/9 &= (9 \times (8! - (7! + (6!/5 \times 4)))) + (3!!/2 - 1) \\
 286776 &:= (((1 \times 2 + 3!)! + (4! - 5!)) \times 6) + ((7! + 8) \times 9) &= ((9 + (8! + 7)) \times 6) + (5! \times (((4! + 3!)/2) + 1)) \\
 286777 &:= (1 + (((2+3!)! + (4! - 5!)) \times 6)) + ((7! + 8) \times 9) &= (9 \times (8! - (7! + (6!/5 \times 4)))) + (3!!/2 + 1) \\
 286778 &:= (((1+2)! \times (3!! + 4!)) + 5) + (6 + (7 \times (8! + 9))) &= 9 + 8 + ((7 \times (6 + (5 \times 4^{3!} \times 2))) - 1) \\
 286779 &:= (1+2) \times (((3! \times 4! - 5) \times 6!) - (7+8!/9)) &= 9 - ((8 + (7 \times (6 - 5!))) \times (((4+3!)/2) + 1)) \\
 286780 &:= (1 + ((2 + (3! \times (4+5!))) \times 6)) + (7 \times (8! + 9)) &= ((9 + (8! + 7)) \times 6) + ((5! + 4) \times (3!!/2 + 1)) \\
 286781 &:= (((12^3) \times 4) + 5) + (6^7 - 8 \times 9) &= (((9 \times 8) - (7 \times (6 - (5 \times 4^{3!})))) \times 2) + 1
 \end{aligned}$$

$$\begin{aligned}
 286782 &:= ((1 + ((2 + 3!) + (4! - 5!))) \times 6) + ((7! + 8) \times 9) &= (9 \times (8 + 7!)) - (6 \times (5! - (4! + ((3! + 2)! + 1)))) \\
 286783 &:= 1 - (2 \times (3!! - ((4! \times (5 - 6! + 7!)) + 8! - 9))) &= (9 + (8 \times (7! + (6! / (5 + 4)))) \times (3! + (2 - 1)) \\
 286784 &:= (((1 + 2)!! / 3) \times 4^5) + (6! - (7 - 8!)) - 9 &= (9 \times ((8! / 7 + 6!) \times 5)) - (4^{3!} + (2 + 1)!!) \\
 286785 &:= (((1 + 2)^3) \times (4! + 5!)) + (6! + (7 \times (8! - 9))) &= 9 \times 8 - (7 \times (6 - (5 \times ((4^{3!} \times 2) + 1)))) \\
 286786 &:= (1 - (2 \times (3!^4 - (5 \times 6!)))) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) + ((6 \times (5 + (4! + (3!! - 2)))) + 1) \\
 286787 &:= (((1 + 2)! \times (3!! + 4!)) + 5! / 6) + (7 \times (8! + 9)) &= (((-9 + 8! / 7!) + (6^5)) - 4!) \times (3!^2 + 1) \\
 286788 &:= (((1 + 2)^{3!} + 4!) \times 5) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6!) + (5 \times (4! + (3^{(2+1)!}))) \\
 286789 &:= 1 \times (((2 + 3)! / (4 + 5)) + (6 + (7 \times (8! + 9)))) &= (((9 + 8! / 7!) - 6!) \times 5) + (4!^3 \times 21) \\
 286790 &:= 1 \times (((2^{3 \times 4}) - 5 + 6) \times (7! / (8 \times 9))) &= ((9 + 8!) \times 7) + ((6 \times ((5! / 4) + (3!! - 2))) - 1) \\
 286791 &:= 1 \times (((2 + 3!) \times (4 \times 5!)) + (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6! \times 5)) + (4! \times (3!^2 + 1)) \\
 286792 &:= 1 + (((2 + 3!) \times (4 \times 5!)) + (6! + 7 \times 8! - 9)) &= ((9 + 8!) \times 7) - (6 - (5 \times (((4! + 3!)^2) - 1))) \\
 286793 &:= (((1 + 2)!! + 34) \times 5) + 6! + (7 \times (8! + 9)) &= (9 \times (8! - 7!)) - (6 + ((5! \times (4^{3! - 2})) + 1)) \\
 286794 &:= (((1 + 2)^{3!}) \times (4 \times 5)) + (6 \times (7! + 8! + 9)) &= (9 \times (8! - 7!)) - (6 + (5! \times (4^{3 + 2 - 1}))) \\
 286795 &:= (1 - ((2^{3!} \times (4 \times 5!)) + 6)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - ((6 + (5! \times (4^{3! - 2}))) - 1) \\
 286796 &:= 1 - (2 - ((3! \times (4! + (5 + 6!)))) + (7 \times (8! + 9))) &= ((9 + 8!) \times 7) - (6 - ((5 \times ((4! + 3!)^2)) - 1)) \\
 286797 &:= ((1 + 2)! \times (((3! + 4) \times 5) + 6!)) + (7 \times (8! - 9)) &= 9 - ((8 - (7 \times (6 + (5 \times 4^{3!})))) \times 2 \times 1) \\
 286798 &:= (((1 + 2)!! / 3) \times 4^5) + (6! + 7) + (8! - 9) &= 9 - (8 - (7 \times (6 + (5 \times ((4^{3!} \times 2) + 1)))) \\
 286799 &:= 1 \times (2 + ((3! \times (4! + (5 + 6!)))) + (7 \times (8! + 9))) &= 9 \times 8 + ((7! / 6!) \times ((5 \times 4^{3!} \times 2) + 1)) \\
 286800 &:= 1 + (2 + ((3! \times (4! + (5 + 6!)))) + (7 \times (8! + 9))) &= (((9 + ((8 \times (7 + 6!)) + 5!)) \times 4!) + 3!!) \times 2 \times 1 \\
 286801 &:= (1 + ((2 + 3)! / 4!)) - ((5 \times 6! + 7! - 8!) \times 9) &= 9 + 8! - 7 + ((6! + (5! \times (4^{3!} / 2))) - 1) \\
 286802 &:= (1 + ((2^{3! + 4}) + 5 \times 6!)) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - 6) + (5 \times (((4! + 3!)^2) + 1)) \\
 286803 &:= ((1 + 2)!! + (3!! / 4)) + (5 \times 6! + (7 \times (8! + 9))) &= 9 + 8! - 7 + (6! + ((5! \times (4^{3!} / 2)) + 1)) \\
 286804 &:= 1 - (((2 + 3)! / 4!)^5) - (6^7 / 8) \times 9 &= 9 - (8 - ((7 \times ((6 + (5 \times 4^{3!})) \times 2)) - 1)) \\
 286805 &:= (1 + (2 \times ((3! + (4! \times (5! + 6!))) \times 7))) + 8! / 9 &= (9 \times (8! - 7!)) + (6 - ((5! \times (4^{3! - 2})) + 1)) \\
 286806 &:= (1 + 2) \times ((3 + ((4! - 5) \times (6! \times 7 - 8))) - 9) &= 9 - (8 - ((7 \times ((6 + (5 \times 4^{3!})) \times 2)) + 1)) \\
 286807 &:= (1 - ((2^{3!} \times (4 \times 5!)) - 6)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) + (6 - ((5! \times (4^{3! - 2})) - 1)) \\
 286808 &:= 1 \times (2^{3!} + (4! + ((56 \times 7!) + 8! / 9))) &= (9 + (8! \times 7 + 6!)) - ((5! \times (4 - 3!^2)) + 1) \\
 286809 &:= 1 \times (((2 + (3!! + 4! + 5)) \times 6) + (7 \times (8! + 9))) &= (9 + (8! + 7! / 6)) + (5! \times (4^{3!} / 2 - 1)) \\
 286810 &:= (1 + ((2 + (3!! + 4! + 5)) \times 6)) + (7 \times (8! + 9)) &= (9 + (8! \times 7 + 6!)) - ((5! \times (4 - 3!^2)) - 1) \\
 286811 &:= 1 \times (((2 + 3)! + (4! - (5 + 6))) \times 7) + 8! / 9 &= ((9 + 8! \times 7) - ((6! \times (5 - 4!)) / 3)) + (2 \times 1) \\
 286812 &:= (1 + 2)! \times ((3!! \times (4! + 5)) + (6 \times (7 + 8! / 9))) &= (((9 \times (8 - 7!)) / 6) \times (5 - 4!)) - 3! \times 2 \times 1 \\
 286813 &:= ((1 - 2^{3!}) \times (4 \times 5! + (6 - 7!))) - 89 &= ((9 + 8) \times (((7! / 6!)^5) + 4^3)) + (2 + 1)! \\
 286814 &:= 1 \times (2 + ((3! \times ((45 \times 6) + 7!)) + 8) \times 9) &= (((9 + 8!) \times 7) + 6) + (5 \times (((4! + 3!)^2) + 1)) \\
 286815 &:= (1 + 2) \times (3! + (((4! - 5) \times (6! \times 7 - 8)) - 9)) &= (9 + (8! + 7)) + ((6! + (5! \times (4^{3!} / 2))) - 1) \\
 286816 &:= (((1 + 2)!! / 3) \times 4^5) + (6! + 7 + 8!) + 9 &= ((9 + 8!) \times 7) + ((6 \times ((5! / 4) + 3!! + 2)) + 1) \\
 286817 &:= (1 + ((2 + 3)! \times (4 \times 5))) + (6^7 + 8! / 9) &= (((9 \times (8! / 7)) - 6) \times 5) + (4!^3 \times 2 - 1) \\
 286818 &:= 1 \times (((2 + 3)! + (4 \times 5 - 6)) \times 7) + 8! / 9 &= (((9 \times (8! / 7)) - 6) \times 5) + (4!^3 \times 2 \times 1) \\
 286819 &:= 1 - (2 \times (3!! - ((4! \times (5 - 6! + 7!)) + 8! + 9))) &= (((9 \times (8! / 7)) - 6) \times 5) + (4!^3 \times 2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 286820 &:= ((1 - (2^{3^1} \times 4!)) \times (5!/6)) - ((7! - 8!) \times 9) &= 9 + (((8 \times 7 + 6!) - 5) \times ((4! + 3!)/2)) - 1 \\
 286821 &:= (((1 + 2)! \times (3!! + 4!)) + 5!) + ((6 + 7 \times 8!) - 9) &= 9 + 8 + (7 \times ((6 + (5 \times 4^{3^1})) \times 2 \times 1)) \\
 286822 &:= 1 - (2 - (((3 + 4)!) + ((56 \times (7! - 8)) - 9))) &= 9 + (((8 \times 7 + 6!) - 5) \times ((4! + 3!)/2)) + 1 \\
 286823 &:= 1 \times 2 + ((3! \times (45 + 6!)) + 7 \times 8! - 9) &= (9 + 8! \times 7) + (6 - ((5! - 4^{3^1})/(2 + 1))) \\
 286824 &:= ((1 + 2) \times (3!^4 - 5)) + (6! + 7 \times 8! - 9) &= ((9 - 8)^{7!}) \times ((6^5 - 4!) \times (3!^2 + 1)) \\
 286825 &:= ((1 + (2 \times ((3!! - 4!) \times 5))) + 6^7) - 8 \times 9 &= 9 - ((8!/7!) - ((6^5 - 4!) \times (3!^2 + 1))) \\
 286826 &:= (((12^3) \times 4) - (5 - 6^7)) - (8 + 9) &= 9 - 8 - (7 \times (65 - ((4!/3!) + (2 + 1)!))) \\
 286827 &:= (((1 + 2)! \times (3!! + 4!)) + 5!) - (6 - (7 \times 8! + 9)) &= ((9 \times (8! - ((7!/6 + 5) \times (4 + 3!)))) - 2) - 1 \\
 286828 &:= (12 \times (3^4 + 5!)) + (6^7 + 8!/9) &= (9 + ((8 + (7 \times (6 + (5 \times 4^{3^1})))) \times 2)) - 1 \\
 286829 &:= (((1 + (2 \times (3!! - 4!))) \times 5) + 6^7) - 8 \times 9 &= (9 + ((8 + (7 \times (6 + (5 \times 4^{3^1})))) \times 2)) \times 1 \\
 286830 &:= 1 \times 2 \times ((3!! \times 4! + (5 - (6! + 7!/8))) \times 9) &= (9 + ((8 + (7 \times (6 + (5 \times 4^{3^1})))) \times 2)) + 1 \\
 286831 &:= 1 \times (((2 \times 3!! \times 4!)/5) + 6^7) - (8 + 9) &= (9 + 8! \times 7) - (6 - ((5! + 4) \times (3!^2 + 1))) \\
 286832 &:= 1 + (((2 \times 3!! \times 4!)/5) + 6^7) - (8 + 9) &= ((9 + 8! \times 7) - 6!) + ((5! + ((4! \times 3)^2)) - 1) \\
 286833 &:= (((1 + 2)!^3) \times 4!) + 5! - (6! - (7 \times 8! + 9)) &= ((9 \times 8) + (7 \times (6 + (5 \times 4^{3^1} \times 2)))) - 1 \\
 286834 &:= (((1 + 2) \times 3!^4) - 5) + (6! + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6!) + (5! + (((4! \times 3)^2) + 1)) \\
 286835 &:= 1 \times 2 + (((3! + (45 + 6)) \times (7! - 8)) + 9) &= ((9 \times 8) + (7 \times (6 + (5 \times 4^{3^1} \times 2)))) + 1 \\
 286836 &:= (1 - 2 \times 3!) \times ((4 + (5 \times (6! - 7!))) - 8!/9) &= ((9 + (8! + (7! \times 6 - 5!))) \times 4) + ((3! + (2 - 1)))! \\
 286837 &:= 1 - (2 \times (3! - (4! \times (((5! \times 6) - (7 \times 8)) \times 9)))) &= (9 + 8! \times 7) + ((6!/5 + 4) \times (32 - 1)) \\
 286838 &:= 1 - (2 - ((3^4 \times 56) + (7 \times (8! + 9)))) &= ((9 + 8) + (7 \times (6 + (5 \times 4^{3^1})))) \times 2 \times 1 \\
 286839 &:= ((1 + 2)! + (3 \times (((4 + 5^6) - (7! - 8)) \times 9)) &= (((9 + 8!) \times 7) - ((6 + 5!) \times 4)) + ((3! + (2 - 1)))! \\
 286840 &:= (1 - (2 \times (3!^4 - (5 \times 6!)))) + (7 \times 8! - 9) &= 9 + (((8! \times 7) - (6! \times 5)) + 4^{3^1} \times 2) - 1 \\
 286841 &:= (1 \times 2 + (3 \times ((4! + 5!) \times (6! - (7 \times 8)))) - 9 &= (9 + 8!/7!) + ((6^5 - 4!) \times (3!^2 + 1)) \\
 286842 &:= ((1 + 2) \times (3!^4 - 5)) + (6! + (7 \times 8! + 9)) &= (9 + 8! \times 7) - (6! \times 5 - ((4^{3^1} \times 2) + 1)) \\
 286843 &:= 1 - (2 \times (3 - (4! \times (((5! \times 6) - (7 \times 8)) \times 9)))) &= (9 + 8! \times 7) + (6 + ((5! + 4) \times (3!^2 + 1))) \\
 286844 &:= (((1 + 2) \times 3!^4) + (5 + (6! + 7 \times 8!))) - 9 &= (9 + ((8! - (7 + (6!/5 \times (4 - 3!)))) \times 2)) + 1 \\
 286845 &:= ((1 + 2) \times (3!! - (4 - (5! + 6!)))) + (7 \times (8! - 9)) &= (((9 + 8) \times (((7!/6!)^5 + 4!)) + 3!!) - 2 \times 1 \\
 286846 &:= (((1 + 2)! \times (3^4 \times 5)) + 6^7) + 8!/9 &= (((9 + 8) \times (((7!/6!)^5 + 4!)) + 3!!) - (2 - 1)) \\
 286847 &:= ((1 - ((2 \times 3!! \times 4!)/5)) - 6^7) \times (8 - 9) &= (9 \times ((8!/7!) \times (6! \times 5))) + (4!^3 \times 2 - 1) \\
 286848 &:= ((1 \times 2 \times (3!! + 4)) - 5!) \times (6! - (7 \times 8 \times 9)) &= (9 \times ((8!/7!) \times (6! \times 5))) + (4!^3 \times 2 \times 1) \\
 286849 &:= 1 \times (((2 \times 3!! \times 4!)/5) + 6^7) - 8 + 9 &= (9 \times ((8!/7!) \times (6! \times 5))) + (4!^3 \times 2 + 1) \\
 286850 &:= 1 \times 2 - ((3!! - (4! + 5!)) \times (6 - (7 \times 8 \times 9))) &= (((9 + 8) \times (((7!/6!)^5 + 4!)) + 3!! + 2) + 1 \\
 286851 &:= ((1 + 2)! \times (((3! + 4) \times 5) + 6!)) + (7 \times 8! - 9) &= ((9 + 8! - (7 + (6!/5 \times (4 - 3!)))) \times 2) - 1 \\
 286852 &:= (((1 + 2) \times 3!^4) - 5) + (6! + (7 \times 8! + 9)) &= ((9 + 8! - (7 + (6!/5 \times (4 - 3!)))) \times 2) \times 1 \\
 286853 &:= 1 \times (2 + (3 \times (((4! - 5) \times (6! \times 7 - 8)) + 9))) &= ((9 + 8! - (7 + (6!/5 \times (4 - 3!)))) \times 2) + 1 \\
 286854 &:= 1 + (2 + (3 \times (((4! - 5) \times (6! \times 7 - 8)) + 9))) &= ((9 + (8! + 7!)) \times 6) + (((5! + (4 - 3!))^2) - 1) \\
 286855 &:= (1 - (2^{3^1} \times (4 \times 5!))) + ((6 - (7! - 8!)) \times 9) &= (9 \times (8! - (7! - 6!))) - ((5! \times (4^{3^1-2})) - 1) \\
 286856 &:= (1 + ((2^{3^1+4}) + (5 \times 6! + 7 \times 8!))) - 9 &= 9 + 8! + (((((7! + 6 + 5!) \times 4!) - 3!!) \times 2) - 1) \\
 286857 &:= (1 + 2)! + (3 \times (((4! - 5) \times (6! \times 7 - 8)) + 9)) &= ((9 + 8! \times 7) - 6!) + ((5! + 4!) \times (3!^2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 286858 &:= (1 - (2 \times (3!^4 - (5 \times 6!)))) + (7 \times 8! + 9) &= (9 + 8! \times 7) - ((6!/5 \times (4 - 3!^2)) - 1) \\
 286859 &:= 1 \times (2 + ((3 \times ((4! + 5!) \times (6! - (7 \times 8)))) + 9)) &= 9 - (((8 \times 7) - 6!) \times ((5! + 4!) \times 3)) - (2 \times 1) \\
 286860 &:= 1 + (2 + ((3 \times ((4! + 5!) \times (6! - (7 \times 8)))) + 9)) &= (((9 + 8!) \times 7) - (((6! \times (5 - 4!))/3) + 2)) - 1 \\
 286861 &:= 1 - ((2 - (3! + 4!)) \times (5 + (6! + (7! + 8!/9)))) &= (((9 + 8!) \times 7) - (((6! \times (5 - 4!))/3) + 2)) \times 1 \\
 286862 &:= (((1 + 2) \times 3!^4) + (5 + (6! + 7 \times 8!))) + 9 &= (((9 + 8!) \times 7) - (((6! \times (5 - 4!))/3) + 2)) + 1 \\
 286863 &:= 1 \times (((2 + 3!) \times (4 \times 5!)) + (6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7!/6!) - (5! \times 4)) + ((3! + (2 - 1)))! \\
 286864 &:= 1 + (((2 + 3!) \times (4 \times 5!)) + (6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + 6!) - ((5! \times (4 - 3!^2)) - 1) \\
 286865 &:= 1 \times (((2 \times 3!! \times 4!)/5) + (6^7 + 8 + 9)) &= 9 + (8 \times (((7 \times 6^5 + 4! \times 3!!)/2) + 1)) \\
 286866 &:= ((1 - (2^{3!} \times 4)) \times 5!) - (((6 + 7!) - 8!) \times 9) &= (9 \times (8! - (7! + 6))) - (5! \times ((4^{3! - 2}) - 1)) \\
 286867 &:= 1 + (2 + (3! \times 4! + ((56 \times 7!) + 8!/9))) &= 9 + (8! \times 7 + (((6 \times 5) + (4!^3))/(2 + 1))) \\
 286868 &:= 1 \times (2 - ((3 \times ((4! - 5) \times (6 - 7!))) + 8 \times 9)) &= 9 - (((8 + 7 \times 6) - 5!) \times (4^{3!} + 2)) + 1 \\
 286869 &:= 1 + (2 - ((3 \times ((4! - 5) \times (6 - 7!))) + 8 \times 9)) &= 9 \times 8 + (7 \times (6 + (5 \times ((4^{3!} \times 2) + 1)))) \\
 286870 &:= (((12^3) \times 4) + (5 + (6^7 + 8))) + 9 &= 9 - (((8 + 7 \times 6) - 5!) \times (4^{3!} + 2)) - 1 \\
 286871 &:= (1 + (23^4)) + ((5 + 6) \times (7!/8 + 9)) &= 9 + ((8! + (7 - (6!/5 \times (4 - 3!)))) \times 2 \times 1) \\
 286872 &:= ((1 + 2) \times (3!^4 + 5)) + (6! + (7 \times 8! + 9)) &= (9 \times (8 + (7! \times 6))) + (((5! + (4 - 3))^2) - 1) \\
 286873 &:= (1 \times 2^{3! + 4}) + (5 \times 6! + (7 \times 8! + 9)) &= (9 \times (8 + (7! \times 6))) + ((5! + (4 - 3))^2 \times 1) \\
 286874 &:= (1 + ((2^{3! + 4}) + (5 \times 6! + 7 \times 8!))) + 9 &= (9 \times (8 + (7! \times 6))) + (((5! + (4 - 3))^2) + 1) \\
 286875 &:= (((1 + 2)^3) \times ((4! + 5) \times 6)) + (7 \times (8! - 9)) &= ((9 \times 8) + (7 \times ((6 + (5 \times 4^{3!}) \times 2))) - 1) \\
 286876 &:= ((1 + 2) \times 3!!) + ((4 + 5 \times 6!) \times (7 + 8 \times 9)) &= ((9 \times 8) + (7 \times ((6 + (5 \times 4^{3!}) \times 2))) \times 1) \\
 286877 &:= 1 \times (2 + (3 \times (((4! + 5!) \times (6! - (7 \times 8)))) + 9)) &= (((9 \times (8!/7)) + 6) \times 5) + (4!^3 \times 2 - 1) \\
 286878 &:= 1 + (2 + (3 \times (((4! + 5!) \times (6! - (7 \times 8)))) + 9)) &= (((9 \times (8!/7)) + 6) \times 5) + (4!^3 \times 2 \times 1) \\
 286879 &:= (((1 + 2)!!/3) \times (4! + 5)) + 6^7 - (8 + 9) &= (((9 \times (8!/7)) + 6) \times 5) + (4!^3 \times 2 + 1) \\
 286880 &:= 1 \times (2 \times 3!! + ((4! \times ((5! \times 6) + 7!)) + 8!/9)) &= ((9 + (8! + (7 - (6!/5 \times (4 - 3!)))) \times 2) \times 1) \\
 286881 &:= ((1 + 2 \times 3!!) + 4^5) + (6^7 + 8!/9) &= ((9 + (8! + (7 - (6!/5 \times (4 - 3!)))) \times 2) + 1) \\
 286882 &:= (1 - 2 \times 3!!) + ((4^5 \times 6) + (7 \times (8! - 9))) &= (9 + 8! \times 7) + ((6 \times ((54 + 3!!) - 2)) + 1) \\
 286883 &:= 1 \times (2 - (3 \times ((4! - 5) \times (6 - (7! + (8 - 9)))))) &= 9 + (((8!/7!) + 6) \times ((5 \times (4^{3!} + 2)) + 1)) \\
 286884 &:= (((1 + (2 \times (3!! - 4!))) \times 5) + 6^7) - 8 - 9 &= (9 \times ((8! + 7!/6!) - ((5 + 4!)^3))) \times 2 \times 1) \\
 286885 &:= (((1 - 2^{3!}) \times (4 \times 5! + (6 - 7!))) - 8) - 9 &= ((9 + 8!) \times 7) - (6 - ((5! + 4) \times (3!^2 + 1))) \\
 286886 &:= 1 - (2 + (3 \times (((4! - 5) \times (6 - 7!)) + 8 + 9))) &= (((9 + 8!) \times 7) - 6!) + ((5! + ((4! \times 3)^2)) - 1) \\
 286887 &:= (((1 + 2)!^3) \times 4!) + 5! - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + ((6 - 5!) \times 4)) + ((3! + (2 - 1)))! \\
 286888 &:= ((1 \times 2 \times 3!^4) - 5!) + (6^7 + 8!/9) &= (((9 + 8!) \times 7) - 6!) + (5! + (((4! \times 3)^2) + 1)) \\
 286889 &:= ((1 + (2 \times 3!^4)) - 5!) + (6^7 + 8!/9) &= 9 \times 8 - (7 - ((6^5 - 4!) \times (3!^2 + 1))) \\
 286890 &:= (1 + 2)! \times (3!! + (4^5 + (6! + (7! + 8! - 9)))) &= (9 \times ((8! + ((7 + 6!) \times 5!)/4)) - (3!!/(2 + 1)!) \\
 286891 &:= (((1 - (2 \times (3!! - 4!))) \times 5) - 6^7) \times (8 - 9) &= ((9 + 8 - 7!) + (6^5 \times 4)) \times ((3! \times 2) - 1) \\
 286892 &:= 1 - (2 - ((3! \times (45 + 6!)) + (7 \times (8! + 9)))) &= 9 + 8! - ((7 - (6! - (5!/4))) \times (3!!/2 + 1)) \\
 286893 &:= (((1 + 2)! \times (3!! + 4!)) + 5!) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6 + 5!) + ((4! + 3!!) \times (2 + 1)!) \\
 286894 &:= 1 - (((2 + (3 \times 4!)) \times (5! - 6)) + 7 - 8!) \times 9 &= ((9 + 8!) \times 7) - (6! \times 5 - ((4^{3!} \times 2) - 1)) \\
 286895 &:= 1 - (2 - (3!^4 + ((5 \times 6) \times (7! + 8!/9)))) &= ((9 + 8!) \times 7) - (6! \times 5 - (4^{3!} \times 2 \times 1))
 \end{aligned}$$

$$\begin{aligned}
 286896 &:= (1 + (((2 + 3!)! + (4! - 5 + 6)) \times 7)) + 8!/9 &= ((9 + 8!) \times 7) - (6! \times 5 - ((4^{3!} \times 2) + 1)) \\
 286897 &:= 1 - (((2 \times ((3!! - 4!) \times 5)) + 6^7) \times (8 - 9)) &= ((9 + 8!) \times 7) + (6 + ((5! + 4) \times (3!^2 + 1))) \\
 286898 &:= 1 \times (2 + (3!^4 + ((5 \times 6) \times (7! + 8!/9)))) &= ((9 + 8) \times (((7!/6!)^5) + (4! + 3))) + ((2 + 1)!!) \\
 286899 &:= 1 + (2 + (3!^4 + ((5 \times 6) \times (7! + 8!/9)))) &= ((9 \times (8! - (7 \times (6 + (5! \times (4 + 3!)))))) - 2) - 1 \\
 286900 &:= (((1 + (2 \times (3!! - 4!))) \times 5) + (6^7 + 8)) - 9 &= ((9 \times (8! - (7 \times (6 + (5! \times (4 + 3!)))))) - 2) \times 1 \\
 286901 &:= (((1 - 2^{3!}) \times (4 \times 5! + (6 - 7!))) + 8) - 9 &= ((9 \times (8! - (7 \times (6 + (5! \times (4 + 3!)))))) - 2) + 1 \\
 286902 &:= (((1 + (2 \times (3!! - 4!))) \times 5) + 6^7) - 8) + 9 &= (9 \times ((8! + 7!)/6!)) \times ((5^4) - (((3 + 2)! - 1)) \\
 286903 &:= (((1 - 2^{3!}) \times (4 \times 5! + (6 - 7!))) - 8) + 9 &= 9 \times 8 + (7 + ((6^5 - 4!) \times (3!^2 + 1))) \\
 286904 &:= 1 - (2 + ((3 \times (((4! - 5) \times (6 - 7!)) + 8)) + 9)) &= (9 \times (8! - (7 \times (6 + (5! \times (4 + 3!)))))) + (2 \times 1) \\
 286905 &:= (1 - 2) \times ((3 \times (((4! - 5) \times (6 - 7!)) + 8)) + 9) &= 9 - ((8 + (((7! - 6) \times (5 - 4!)) + 3!)) \times (2 + 1)) \\
 286906 &:= (((1 + 2) \times 3!^4) - 5) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7!/6!) - 5) + ((4!^3)/(2 + 1)) \\
 286907 &:= 1 \times (2 - ((3 \times (((4! - 5) \times (6 - 7!)) + 8)) + 9)) &= (98 \times ((7 + (6! + 5) \times 4)) - (3!^2 + 1)) \\
 286908 &:= 1 + (2 - ((3 \times (((4! - 5) \times (6 - 7!)) + 8)) + 9)) &= (9 \times (8! - (7 \times (6 + (5! \times (4 + 3!)))))) + (2 + 1)! \\
 286909 &:= (((1 + (2 + 3!))! - (4 - (5 \times 6))) \times 7) + 8!/9 &= ((9 + 8) \times 7) \times (6 + (5 \times ((4 \times ((3 + 2)! + 1)))) \\
 286910 &:= (-1 - 2^{3!}) \times ((4 - (5 - 67)) - 8!/9) &= (((9 + 8!) \times 7) - 6) + (5 + ((4!^3)/(2 + 1))) \\
 286911 &:= (1 + 2)! - ((3 \times (((4! - 5) \times (6 - 7!)) + 8)) + 9) &= (9 - (8!/7)) + (6 \times (((5 + 4!)^3) \times 2) - 1) \\
 286912 &:= (1 - (2 \times (3!^4 - (5 \times 6!)))) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) - ((6!/5 \times (4 - 3!^2)) - 1) \\
 286913 &:= (((1 + 2)!!/3) \times (4! + 5)) + (6^7 + 8)) + 9 &= ((9 + 8!) \times 7) + (((6!/5!) + (4!^3))/(2 + 1)) \\
 286914 &:= (((1 - (2^{3!} \times 4)) \times 5!) - 6) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - (6 + (5! \times ((4^{3! - 2}) - 1))) \\
 286915 &:= (((1 + 2)!^{3+4}) - 5) + ((6! + 7 \times 8) \times 9) &= 98 - (7 - ((6^5 - 4!) \times (3!^2 + 1))) \\
 286916 &:= (((1 + 2) \times 3!^4) + (5 + 6!)) + (7 \times (8! + 9)) &= 9 - ((8!/7) - ((6 \times (((5 + 4!)^3) \times 2)) - 1)) \\
 286917 &:= (((1 + 2) \times (3!! - (4 - (5! + 6!)))) + 7 \times 8!) + 9 &= ((9 \times (8 \times 7 + ((6^5 \times 4) + 3!))) - 2) - 1 \\
 286918 &:= (((1 + (2 \times (3!! - 4!))) \times 5) + (6^7 + 8)) + 9 &= (9 - (8!/7)) + ((6 \times (((5 + 4!)^3) \times 2)) + 1) \\
 286919 &:= 1 - ((2 + ((3! - 4!) \times (5^6))) - ((7!/8) \times 9)) &= (9 \times (8 + ((7! + 6!) \times 5))) + (4!^3 \times 2 - 1) \\
 286920 &:= 1 \times 2 \times (3!!/4 \times (((5! - 6) \times 7) + (8 - 9))) &= (9 \times (8 + ((7! + 6!) \times 5))) + (4!^3 \times 2 \times 1) \\
 286921 &:= ((1 + ((2 \times 3!! \times 4!)/5)) + 6^7) + 8 \times 9 &= (9 \times (8 + ((7! + 6!) \times 5))) + (4!^3 \times 2 + 1) \\
 286922 &:= 1 \times (2 - (((3! - 4!) \times (5^6)) - ((7!/8) \times 9))) &= 9 + 8! - 7 + (6! + (5! \times (4^{3!}/2 + 1))) \\
 286923 &:= 1 + (2 - (((3! - 4!) \times (5^6)) - ((7!/8) \times 9))) &= (9 - (8!/7)) + (6 \times (((5 + 4!)^3) \times 2) + 1) \\
 286924 &:= ((1 + 2) - ((3 \times (((4! - 5) \times (6 - 7!)) + 8)) - 9) &= 9 - (((8 + ((7! - 6) \times (5 - 4!))) \times 3) - (2 - 1)) \\
 286925 &:= 1 \times 2 - ((3 \times (((4! - 5) \times (6 - 7!)) + 8)) - 9) &= (((9 - ((8! + 7!)/6)) \times (5 - 4!)) - 3!) \times 2 - 1 \\
 286926 &:= (((1 - (2^{3!} \times 4)) \times 5!) + 6) - ((7! - 8!) \times 9) &= (((9 - ((8! + 7!)/6)) \times (5 - 4!)) - 3!) \times 2 \times 1 \\
 286927 &:= (1 \times 2^{3!+4}) + (5 \times 6! + (7 \times (8! + 9))) &= (((9 - ((8! + 7!)/6)) \times (5 - 4!)) - 3!) \times 2 + 1 \\
 286928 &:= (1 + ((2^{3!+4}) + 5 \times 6!)) + (7 \times (8! + 9)) &= (9 + (8! \times 7 + 6!)) + ((5! \times (4! + 3^2)) - 1) \\
 286929 &:= (1 + 2)! - ((3 \times (((4! - 5) \times (6 - 7!)) + 8)) - 9) &= (9 + (8! \times 7 + 6!)) - (5! \times (4 - (3!^2 + 1))) \\
 286930 &:= (((1 + 2) \times (3 - ((4! - 5) \times (6 - 7!)))) - 8) - 9 &= (9 + (8! \times 7 + 6!)) + ((5! \times (4! + 3^2)) + 1) \\
 286931 &:= (1 + (((2 \times 3! - 4!)! + (5 \times 6)) \times 7)) + 8!/9 &= (98 \times ((7 + (6! + 5) \times 4)) - (3! \times 2 + 1)) \\
 286932 &:= ((1 + 2) \times (3 - (((4! - 5) \times (6 - 7!)) + 8))) + 9 &= 9 - (((8 + ((7! - 6) \times (5 - 4!))) - 3) \times (2 + 1)) \\
 286933 &:= (12 - ((3 \times (((4! - 5) \times (6 - 7!)) + 8)) - 9) &= 9 - 8 - (((7! - 6) \times ((5 - 4!) \times 3)) + (2 + 1)!)
 \end{aligned}$$

$$\begin{aligned}
 286934 &:= 1 - (2 + (3 \times (((4! - 5) \times (6 - 7!)) - 8 + 9))) &= (98 \times ((7 + (6! + 5)) \times 4)) - (3^2 + 1) \\
 286935 &:= 1 - ((2 + ((3 - 4!) \times 5!)) - (6^7 + 8!/9)) &= (9 + 8! \times 7) - (6 \times (5! - (((4! + 3!)^2) + 1))) \\
 286936 &:= (1 - 2 \times 3!!) + ((4^5 \times 6) + 7 \times 8! - 9) &= (9 + (8! + 7)) + (6! + (5! \times (4^{3!}/2 + 1))) \\
 286937 &:= 1 \times 2 - (3 \times (((4! - 5) \times (6 - 7!)) - 8 + 9)) &= 9 - 8 - (((7! - 6) \times ((5 - 4!) \times 3)) + 2 \times 1) \\
 286938 &:= (((1 + 2 \times 3!)^4) + 5)/6 + (7 \times (8! - 9)) &= 9 - 8 - (((7! - 6) \times ((5 - 4!) \times 3)) + (2 - 1)) \\
 286939 &:= (1 - (2 \times (3 - 4!))) \times (((5! + 6! - 7) \times 8) + 9) &= (9 + (8! \times 7 + 6!)) - (5! - (4^{3!} - (2 + 1)!)) \\
 286940 &:= 1 + (2 - ((3 \times ((4! - 5) \times (6 - 7!)) - 8 + 9)) &= 9 - 8 - (((7! - 6) \times ((5 - 4!) \times 3)) - (2 - 1)) \\
 286941 &:= 1 - ((2 - (3 \times ((4! - 5) \times (6 - 7!)))) \times (8 - 9)) &= 9 - 8 - (((7! - 6) \times ((5 - 4!) \times 3)) - (2 \times 1)) \\
 286942 &:= 1 + (2 - ((3 \times ((4! - 5) \times (6 - 7!))) + (8 - 9))) &= (9 + 8! \times 7) - (((6 + 5) - 4!) \times (3!/2 + 1)) \\
 286943 &:= 1 - (2 - (3! \times (4^5 - (6! \times (7 - 8 \times 9)))) &= (9 + (8! \times 7 + 6!)) - (5! - (4^{3!} - (2 \times 1))) \\
 286944 &:= 1 \times 2 \times (3 \times (4^5 - (6! \times (7 - 8 \times 9)))) &= (9 + (8! \times 7 + 6!)) - (5! - (4^{3!} - (2 - 1))) \\
 286945 &:= ((1 \times 2^{3 \times 4}) - (5! - 6!)) + (7 \times 8! + 9) &= ((9 + 8) \times (((7!/6!)^5) + 4! \times 3)) + (2 \times 1) \\
 286946 &:= (1 - ((2 + 3!) \times (4 + 5! - 6!))) + (7 \times (8! - 9)) &= (9 + (8! \times 7 + 6!)) - (5! - (4^{3!} + (2 - 1))) \\
 286947 &:= 1 + (2 + (3! \times (4^5 - (6! \times (7 - 8 \times 9)))) &= (9 \times ((8 + 7!) \times 6)) + (5 \times ((4 \times (3!! - 2)) - 1)) \\
 286948 &:= (((1 + 2) \times (3 - ((4! - 5) \times (6 - 7!)))) - 8) + 9 &= (9 + 8! - 7!) + ((6! + (5 - 4!)) \times (3!/2 - 1)) \\
 286949 &:= (((1 + 2 \times 3!! - 4!) \times 5) + 6^7) - 8 \times 9 &= ((9 + 8!) \times 7) - ((6 - 5! - 4!^3)/(2 + 1)) \\
 286950 &:= (1 + 2)! + (3! \times (4^5 - (6! \times (7 - 8 \times 9)))) &= ((9 + (8!/7)) - 6 \times 5) \times (((4 + 3)^2) + 1) \\
 286951 &:= (((1 + 2)!!/3) - 4) \times (5!/6) + (7 \times 8! - 9) &= (9 \times ((8 + 7!) \times 6)) + (((5 \times 4) \times (3!! - 2)) - 1) \\
 286952 &:= 1 - (2 + ((3 \times (((4! - 5) \times (6 - 7!)) - 8) + 9)) &= 9 - ((8 \times (((7 - 6!) \times 5!) + (4!^3))/2)) + 1) \\
 286953 &:= 1 \times ((2 \times ((3 \times 4^5) - 6!)) + (7 \times 8! + 9)) &= (9 \times ((8 + 7!) \times 6)) + (((5 \times 4) \times (3!! - 2)) + 1) \\
 286954 &:= (1 - 2 \times 3!!) + ((4^5 \times 6) + (7 \times 8! + 9)) &= 9 - ((8 \times (((7 - 6!) \times 5!) + (4!^3))/2)) - 1) \\
 286955 &:= 1 \times (2 - ((3 \times (((4! - 5) \times (6 - 7!)) - 8) + 9)) &= 9 + 8 - ((7! - 6) \times ((5 - 4!) \times (3! - 2 - 1))) \\
 286956 &:= 1 + (2 - ((3 \times (((4! - 5) \times (6 - 7!)) - 8) + 9)) &= 9 + 8 - (((7! - 6) \times ((5 - 4!) \times 3)) - (2 - 1)) \\
 286957 &:= ((1 - (2 - 3!!) \times 4) \times 5) + (6 \times ((7! + 8) \times 9)) &= (9 \times ((8 + 7!) \times 6)) + (5 \times ((4 \times (3!! - 2)) + 1)) \\
 286958 &:= 1 \times (((2 + 3!)! + (4 + (5 \times 6))) \times 7) + 8!/9 &= ((9 \times (((8 + 7) + (6^5)) \times 4) + 3!)) + 2) \times 1 \\
 286959 &:= (1 + (((2 + 3!)! + (4 + (5 \times 6))) \times 7)) + 8!/9 &= ((9 \times (((8 + 7) + (6^5)) \times 4) + 3!)) + 2) + 1 \\
 286960 &:= (((1 + 2)!!) \times (3^4 \times 5) - 6!) + ((7! - 8!)/9) &= (9 \times 8 \times (7! - 6!)) - (5 \times (4^{3!} + (2 + 1)!)) \\
 286961 &:= (1 + (((2 \times 3!!)/4) - 5) \times 6!) + (7 \times 8!/9) &= 9 - (8 \times (((7 - 6!) \times 5!) + (4!^3))/2) - 1) \\
 286962 &:= ((1 + 2) \times (3 - (((4! - 5) \times (6 - 7!)) - 8))) - 9 &= (9 \times ((8 + 7!) \times 6)) + (5 \times (4 \times 3!! - (2 + 1)!)) \\
 286963 &:= 1 - (2 \times (3 + (4 \times (5! - (6! - (7! - 8! + 9)))))) &= (((-98 - 7) \times (((6 - 5!) \times 4!) + 3)) - 2) \times 1 \\
 286964 &:= (((1 + 2) \times (3 - ((4! - 5) \times (6 - 7!)))) + 8) + 9 &= 9 + 8 - (((7! - 6) \times (5 - 4!)) - 3) \times (2 + 1)) \\
 286965 &:= (1 + 2) \times ((3 - 4!) \times (5 - ((6! + 7! \times 8)/9))) &= (9 + ((8 - ((7! - 6) \times (5 - 4!))) \times 3)) - (2 + 1)! \\
 286966 &:= (1 - (2 \times (3! + (4 \times (5! - 6!)))) + (7 \times (8! - 9)) &= (9 + (8! + 7!)) - ((6 \times (54 - (3! + 2)!)) - 1) \\
 286967 &:= (((12^3) \times 4) + (5! + 6^7)) + (8 - 9) &= (9 \times ((8 + 7!) \times 6)) + ((5^4) \times ((3! - 2)! - 1)) \\
 286968 &:= (((1 + 2)!!/3) \times (4! + 5)) + 6^7 + 8 \times 9 &= (9 + (8! \times 7 + 6!)) + (((5 \times 4)^3)/2) - 1) \\
 286969 &:= ((1 + (2 \times ((3!! - 4!) \times 5))) + 6^7) + 8 \times 9 &= (9 + ((8 - ((7! - 6) \times (5 - 4!))) \times 3)) - 2 \times 1 \\
 286970 &:= 1 - ((2 + (3 \times (((4! - 5) \times (6 - 7!)) - 8))) - 9) &= (9 + 8! \times 7) + (6! + (((5 \times 4)^3)/2) + 1)) \\
 286971 &:= 1 \times (((2^{3!} - 4!) \times 5!) - (6 - (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - 6) + (5! + ((4!^3)/(2 + 1))) \\
 286972 &:= (1 - (2 \times (3 + (4 \times (5! - 6!)))) + (7 \times (8! - 9)) &= (9 + (((8 - ((7! - 6) \times (5 - 4!))) \times 3) + 2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 286973 &:= 1 \times (2 - ((3 \times ((4! - 5) \times (6 - 7!)) - 8)) - 9) &= (9 + (((8 - ((7! - 6) \times (5 - 4!))) \times 3) + 2)) \times 1 \\
 286974 &:= 1 + (2 - ((3 \times ((4! - 5) \times (6 - 7!)) - 8)) - 9) &= (9 + (((8 - ((7! - 6) \times (5 - 4!))) \times 3) + 2)) + 1 \\
 286975 &:= 1 + (2 \times (3 - (4 \times (5! - (6! - (7! - 8! + 9)))))) &= (9 \times ((8! + ((7 + 6!) \times 5!)) / 4)) - (3!^2 - 1) \\
 286976 &:= (1 \times 2^{3!}) \times ((4! / (5 - (6 - 7))) + 8! / 9) &= ((9 + 8!) \times 7) + (65 + ((4!^3) / (2 + 1))) \\
 286977 &:= (1 + 2)! - ((3 \times ((4! - 5) \times (6 - 7!)) - 8)) - 9 &= (9 + (8! \times 7! / 6!)) + (5! + ((4!^3) / (2 + 1))) \\
 286978 &:= 1 - (((2 \times 3! - 4) \times (5! - 6!)) - (7 \times (8! - 9))) &= 9 + ((8 - (7! / 6 - 5)) \times (((4! - 3!)) / 2) + 1) \\
 286979 &:= 1 \times (2 + ((34 \times 5!) + (6! + (7 \times (8! - 9)))) &= (98 \times ((7 + (6! + 5)) \times 4)) + (3!^2 - 1) \\
 286980 &:= 1 \times (2 \times (3! - (4 \times (5! - (6! - (7! - 8! + 9)))))) &= 9 + 8! - ((7 + (6 \times (5! - 4!^3))) \times (2 + 1)) \\
 286981 &:= 1 + (2 \times (3! - (4 \times (5! - (6! - (7! - 8! + 9)))))) &= ((9 \times ((8 + 7!) \times 6)) + (5 \times (4 \times 3! - 2))) - 1 \\
 286982 &:= (((1 \times 2 + 3!)! - (45 - 6!)) \times 7) + 8 + 9 &= (((9 + 8!) \times 7) + 6!) + ((5! \times (4! + 3^2)) - 1) \\
 286983 &:= (1 - ((2 - (3! \times 4)) \times 5)) + (6 \times ((7! + 8) \times 9)) &= (((9 + 8!) \times 7) + 6!) - (5! \times (4 - (3!^2 + 1))) \\
 286984 &:= (1 + (2 \times (3 - (4 \times (5! - 6!)))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + 6!) + ((5! \times (4! + 3^2)) + 1) \\
 286985 &:= (((12^3) \times 4) + (5! + 6^7)) + (8 + 9) &= (9 \times ((8! + ((7 + 6!) \times 5!)) / 4)) - ((3! - 2)! + 1) \\
 286986 &:= 1 \times (((2 + 3)! \times (4 + 5!)) + (6 \times (7! + 8! - 9))) &= (9 \times ((8 + 7!) \times 6)) + (((5 \times 4) \times 3!) - (2 + 1)!) \\
 286987 &:= (1 + ((2 + 3)! \times (4 + 5!))) + (6 \times (7! + 8! - 9)) &= (9 \times ((8! + ((7 + 6!) \times 5!)) / 4)) - ((3! - 2)! - 1) \\
 286988 &:= ((1 \times 2^{3 \times 4}) - 5) + (6! + (7 \times (8! - 9))) &= (9 \times (8 + (7! \times 6))) + ((5! + 4) \times (((3 + 2)!) - 1)) \\
 286989 &:= 1 \times ((2 \times (3! - (4 \times (5! - 6!)))) + (7 \times (8! - 9))) &= (9 + 8! \times 7) - ((6 - (5! \times 4)) \times (3^2 + 1)) \\
 286990 &:= (1 + (2 \times (3! - (4 \times (5! - 6!)))) + (7 \times (8! - 9)) &= (9 \times (8! - 7!)) + (6! - (((5! / 4!)^{3!}) \times 2 \times 1)) \\
 286991 &:= (((1 + 2)! \times (3!^4 - 5!)) + 6^7) + (8 - 9) &= (9 \times (8! - 7!)) + (6! - (((5! / 4!)^{3!}) \times 2) - 1) \\
 286992 &:= (((((1 + 2 \times 3!)^4) + 5) / 6) + 7 \times 8!) - 9 &= (9 \times (((8 + 7!) \times 6) - (5! \times 4!))) + (3! + 2 \times 1)! \\
 286993 &:= (1 + (2 + 3!))! - ((4! \times 5! - (6 \times (7! + 8))) \times 9) &= (9 \times (((8 + 7!) \times 6) - (5! \times 4!))) + ((3! + 2)! + 1) \\
 286994 &:= 1 \times 2 - (3! \times ((4 \times (5! - 6!)) - ((7! + 8) \times 9))) &= (9 \times ((8 + 7!) \times 6)) + (((5 \times 4) \times 3!) + 2 \times 1) \\
 286995 &:= 1 + (2 + ((3! \times (4 \times 5)) + (6 \times ((7! + 8) \times 9)))) &= 9 + 8! - ((7! - 6) \times (5 - ((4! - 3!) \times (2 + 1)))) \\
 286996 &:= (1 + (((2 - (3! + 45)) \times (6 - 7!)) + 8!)) + 9 &= 9 + 8! - (((7! - 6) \times (5 - ((4! + 3) \times 2))) - 1) \\
 286997 &:= 1 \times 2 - (3 \times ((4! - 5) \times (6 - (7! - 8 + 9)))) &= (9 \times ((8! + ((7 + 6!) \times 5!)) / 4)) - (3! \times 2 + 1) \\
 286998 &:= ((1 \times 2 \times (3!^4 - 5)) + 6^7) + 8! / 9 &= (((9 + 8!) \times 7) + 6!) - (5! - (4^{3!} - (2 - 1))) \\
 286999 &:= (1 + ((2 \times (3!^4 - 5)) + 6^7)) + 8! / 9 &= (9 \times ((8! + ((7 + 6!) \times 5!)) / 4)) - ((3! \times 2) - 1) \\
 287000 &:= (1 - ((2 + 3!) \times (4 + 5! - 6!))) + (7 \times 8! - 9) &= (9 \times ((8! + ((7 + 6!) \times 5!)) / 4)) - (3^2 + 1)
 \end{aligned}$$

2.1.8 Numbers From 287001 to 288000

$$\begin{aligned}
 287001 &:= (((1 + 2)!)^3) \times (4! - 5) + (6! + (7 \times (8! - 9))) &= (9 \times ((8 + 7!) \times 6)) + ((5 \times ((4 \times 3!) + 2)) - 1) \\
 287002 &:= 1 \times (((2 + 3! \times 4) \times 5) + (6 \times ((7! + 8) \times 9))) &= (9 + 8! \times 7) - (((6^5 - (4! \times 3!)) / 2) - 1) \\
 287003 &:= (1 + ((2 + 3! \times 4) \times 5)) + (6 \times ((7! + 8) \times 9)) &= 9 + (((8! \times 7) - 6) + ((5 + 4^3)^2) - 1) \\
 287004 &:= (((1 + 2 \times 3! - 4!) \times 5) + 6^7) - 8 - 9 &= (9 + 8! \times 7) - (6 - ((5 + 4^3)^2 \times 1)) \\
 287005 &:= 1 \times (((2 + 3!)! - (4! + (5 - 6!))) \times 7) - 8 \times 9 &= 9 + (((8! \times 7) - 6) + (((5 + 4^3)^2) + 1)) \\
 287006 &:= (1 + (((2 + 3!)! - (4! + (5 - 6!))) \times 7)) - 8 \times 9 &= ((9 \times ((8! + ((7 + 6!) \times 5!)) / 4)) - (3! - 2)) \times 1 \\
 287007 &:= (1 \times 2 - 3^4) \times (5! + (6! + (7 - 8! / 9))) &= ((9 \times ((8! + ((7 + 6!) \times 5!)) / 4)) - (3! - 2)) + 1
 \end{aligned}$$

$$\begin{aligned}
 \mathbf{287008} &:= 1 - (2 \times 3!! - ((4^5 \times 6) + (7 \times (8! + 9)))) &= 9 \times 8 - (((7! - 6) \times ((5 - 4!) \times 3)) + 2 \times 1) \\
 \mathbf{287009} &:= 1 \times (((2 + 3!) \times (4 - (5! - 6!))) + (7 \times (8! - 9))) &= 9 - ((8 \times 7 + (6!/5)) \times (4 - (3!! \times 2 - 1))) \\
 \mathbf{287010} &:= (((((1 + 2 \times 3!)^4) + 5)/6) + 7 \times 8!) + 9 &= ((9 \times ((8! + ((7 + 6!) \times 5!))/4)) + (3 - 2)) - 1 \\
 \mathbf{287011} &:= (((1 - 2 \times 3!! + 4!) \times 5) - 6^7) \times (8 - 9) &= ((9 \times ((8! + ((7 + 6!) \times 5!))/4)) + 3) - 2 \times 1 \\
 \mathbf{287012} &:= (((1 + (2 + 3!))! - (4! + (5 - 6!))) \times 7) - 8 \times 9 &= 9 \times 8 - (((7! - 6) \times ((5 - 4!) \times 3)) - (2 \times 1)) \\
 \mathbf{287013} &:= ((1 \times 2 \times 3!^4) + (5 + 6^7)) + 8!/9 &= 9 + 8! - ((7 + (6! + 5)) \times (4! - (3!!/2 + 1))) \\
 \mathbf{287014} &:= (1 + ((2 \times 3!^4) + (5 + 6^7))) + 8!/9 &= (((9 \times 8) + 7) \times (6! \times 5 + 4!)) + 3!! - 2 \times 1 \\
 \mathbf{287015} &:= ((1 - ((2 \times 3!! - 4!) \times 5)) - 6^7) \times (8 - 9) &= (9 + 8! \times 7) + ((6 + ((5 + 4^3)^2)) - 1) \\
 \mathbf{287016} &:= ((1 + ((2 \times 3!! - 4!) \times 5)) + 6^7) + (8 - 9) &= 9 - ((8 \times (7! - (6! - (5! + (4 - (3! + 2)!)))))) + 1) \\
 \mathbf{287017} &:= (1 + 2 \times 3!! - 4!) + ((5 \times 6) \times (7! + 8!/9)) &= (9 + 8! \times 7 + 6) + (((5 + 4^3)^2) + 1) \\
 \mathbf{287018} &:= (1 - ((2 + 3!) \times (4 + 5! - 6!))) + (7 \times 8! + 9) &= (9 + 8! \times 7) + (((6! - (5! + 4)) \times (3! + 2)) + 1) \\
 \mathbf{287019} &:= (1 + (2 \times (3!^4 + 5))) + (6^7 + 8!/9) &= (((9 + 8!) \times 7) - ((6^5 \times 4!) + 3!)) \times (2 + 1) \\
 \mathbf{287020} &:= (1 - ((2 \times (3! + (4 \times (5! - 6!)))) - (7 \times 8!))) - 9 &= 9 + (((8! + ((7 + 6!) \times 5!))/4) \times (3^2)) + 1) \\
 \mathbf{287021} &:= ((1 + 2 \times 3!! - 4!) \times 5) - (6^7 \times (8 - 9)) &= (9 \times ((8! + ((7 + 6!) \times 5!))/4)) + ((3! \times 2) - 1) \\
 \mathbf{287022} &:= (((1 + 2 \times 3!! - 4!) \times 5) + 6^7) - 8 + 9 &= (((9 + 8!) \times 7) + 6!) + (((5 \times 4^3)/2)) - 1 \\
 \mathbf{287023} &:= (((1 + 2)!!/3) - 4) \times (5!/6) + (7 \times (8! + 9)) &= (9 \times ((8! + ((7 + 6!) \times 5!))/4)) + (3! \times 2 + 1) \\
 \mathbf{287024} &:= 1 \times (((2 \times ((3!! - 4) \times 5)) + 6^7) - 8 \times 9) &= ((9 + 8!) \times 7) + (6! + (((5 \times 4^3)/2) + 1)) \\
 \mathbf{287025} &:= ((1 + (2^3 + 4!)) \times 5) \times (6 + (7!/8 + 9)) &= ((9 + 8! \times 7) - ((6 + 5) \times 4!)) + ((3! + (2 - 1)))! \\
 \mathbf{287026} &:= (1 - (2 \times (3 + (4 \times (5! - 6!)))) + (7 \times 8! - 9) &= (9 + 8! - ((7 - 6!) \times (((5! - 4) \times 3) - 2))) - 1 \\
 \mathbf{287027} &:= ((1 + 2)!! - ((3! - 4!) \times (5^6) - 7!)) + (8 + 9) &= (9 + 8! - ((7 - 6!) \times (((5! - 4) \times 3) - 2))) \times 1 \\
 \mathbf{287028} &:= (1 - ((2 + (3 \times (4 - 5!))) \times (6! - 7))) + (8! + 9) &= (9 + 8! - ((7 - 6!) \times (((5! - 4) \times 3) - 2))) + 1 \\
 \mathbf{287029} &:= (((1 + (2 \times (3!! - 4))) \times 5) + 6^7) - 8 \times 9 &= (9 + 8! \times 7) + (6! + ((5! - 4) \times (3!^2 - 1))) \\
 \mathbf{287030} &:= 1 - (2 - ((34 \times 5!) + (6! + 7 \times 8! - 9))) &= 9 + ((8! - (7 - (6! - (5!/4)))) \times (3! + (2 - 1))) \\
 \mathbf{287031} &:= (((1 + 2)! \times ((3 \times 4!) + (5 + 6!))) + 7 \times 8! + 9 &= ((9 \times ((8 + 7!) \times 6)) + ((5 \times 4) \times (3!! + 2))) - 1 \\
 \mathbf{287032} &:= 1 + 2 \times 3!! + ((4 \times (5! + 6!)) + 7 \times 8! - 9) &= ((9 \times ((8 + 7!) \times 6)) + ((5 \times 4) \times (3!! + 2))) \times 1 \\
 \mathbf{287033} &:= (1 + ((2 + 3!!) \times (4 \times 5))) + (6 \times ((7! + 8) \times 9)) &= (9 \times ((8! + ((7 + 6!) \times 5!))/4)) + ((3! - 2)! - 1) \\
 \mathbf{287034} &:= 1 \times (2 \times (3! - ((4 \times (5! - (6! - (7! - 8!)))) + 9))) &= 9 - ((8 \times (((7 + 6) \times (5! - (4 \times 3!)))) + 2)) - 1) \\
 \mathbf{287035} &:= (1 - (2 \times (3! + 4!))) \times (((5! - 6! - 7) \times 8) - 9) &= (9 + (8 \times ((7 + 6!) - 5!)) \times (((4! + 3!) \times 2) - 1) \\
 \mathbf{287036} &:= ((1 + 2)!! + (3!! - 4)) + ((5 \times 6) \times (7! + 8!/9)) &= (9 + 8! \times 7) - (((6 - 5!) \times ((4! - 3) \times 2)) + 1) \\
 \mathbf{287037} &:= ((1 + ((2 + 3!!) \times 4)) \times 5) + (6 \times ((7! + 8) \times 9)) &= (9 \times ((8 + 7!) \times 6)) + (5 \times ((4 \times (3!! + 2)) + 1)) \\
 \mathbf{287038} &:= (1 - ((2 \times (3! + (4 \times (5! - 6!)))) - (7 \times 8!)) + 9 &= (9 + 8! \times 7) - (((6 - 5!) \times ((4! - 3) \times 2)) - 1) \\
 \mathbf{287039} &:= (12 - (3 \times ((4! - 5) \times (6 - 7!)))) + 89 &= (((9 + 8!) \times 7) - (6^5 \times 4!)) \times 3 + (2 \times 1) \\
 \mathbf{287040} &:= (((1 + (2 + 3!))! - (4! + 5)) \times 6) + ((7! - 8) \times 9) &= (((9 + 8!) \times 7) - (6^5 \times 4!)) \times 3 + (2 + 1) \\
 \mathbf{287041} &:= (1 + (((2 + 3!)! - ((4 - 5!) \times 6)) \times 7)) - 8 \times 9 &= (((9 + 8) \times 7!)/6) \times (5 \times 4) + (3!! \times 2 + 1) \\
 \mathbf{287042} &:= 1 \times ((2^{3 \times 4}) - (5 - (6! + 7 \times 8! - 9))) &= (9 + 8! \times 7) + (((6! - 5!) \times 4) - 3) \times 2 - 1) \\
 \mathbf{287043} &:= 1 \times (((2^{3!} - 4!) \times 5!) - (6 - (7 \times 8! + 9))) &= ((9 + 8!) \times 7) - ((6 - (5! \times 4)) \times (3^2 + 1)) \\
 \mathbf{287044} &:= (1 + (2 \times (3! - (4 \times (5! - 6!)))) + (7 \times 8! - 9) &= (9 + 8! \times 7) - (6 - ((5! \times (4 + 3!^2)) + 1)) \\
 \mathbf{287045} &:= (1 + (2 \times 3!! + 4)) + ((5 \times 6) \times (7! + 8!/9)) &= (9 \times ((8! + ((7 + 6!) \times 5!))/4)) + (3!^2 - 1) \\
 \mathbf{287046} &:= 1 \times 2 \times (((3 - 4!) \times (5! + (6 - 7!))) + 8! + 9) &= (9 \times ((8! + ((7 + 6!) \times 5!))/4)) + (3! \times (2 + 1)!)
 \end{aligned}$$

$$\begin{aligned}
 287047 &:= 1 - (2 \times (3! + ((4 \times (5! - (6! - (7! - 8!)))) - 9))) &= (9 \times ((8! + ((7 + 6!) \times 5!)/4) + 3!^2 + 1) \\
 287048 &:= (1 \times 2 \times (3!! + 4)) + ((5 \times 6) \times (7! + 8!/9)) &= ((9 + 8! \times 7) - 6!) - (((5! - (4 \times 3!!)) \times 2) + 1) \\
 287049 &:= (1 + (2 \times (3!! + 4))) + ((5 \times 6) \times (7! + 8!/9)) &= (9 + (8! + 7!/6)) + (5! \times (4^{3!}/2 + 1)) \\
 287050 &:= 1 + 2 \times 3!! + ((4 \times (5! + 6!)) + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) - (((5! - (4 \times 3!!)) \times 2) - 1) \\
 287051 &:= (1 \times 2 + ((34 \times 5!) + (6! + 7 \times 8!))) + 9 &= (9 - (((8 \times (7 + 6)) \times (5! - (4 \times 3!!))) - 2)) \times 1 \\
 287052 &:= 1 \times ((2^{3 \times 4}) + (5 + (6! + 7 \times 8! - 9))) &= (9 + ((8! + 7!) \times 6)) + (((5! - 4 + 3!)^2) - 1) \\
 287053 &:= (1 + ((2^{3 \times 4}) + (5 + 6!))) + (7 \times 8! - 9) &= 9 + (((8! + 7!) \times 6) + ((5! - 4 + 3!)^2 \times 1)) \\
 287054 &:= 1 - (2 - ((3^4 \times (5 \times 6! - (7 \times 8))) - 9)) &= (9 + 8! \times 7 + 6) + ((5! \times (4 + 3!^2)) - 1) \\
 287055 &:= (((1 + 2!)! \times (3 + 4!)) - ((5^6 - (7! + 8!)) \times 9) &= (9 \times (((8!/7) - 6) + 5^4)) \times ((3 + 2) \times 1) \\
 287056 &:= (1 + (((2^{3!}) - 4!) \times 5!) + (6 + 7 \times 8!)) + 9 &= (9 + 8! \times 7) + (6 + ((5! \times (4 + 3!^2)) + 1)) \\
 287057 &:= (1 - ((2 - (3! \times 4)) \times 5!)) + (6^7 + 8!/9) &= ((9 + 8!) \times 7) - (6 - (((5 + 4^3)^2) - 1)) \\
 287058 &:= 1 + ((2 + (3^4 \times (5 \times 6! - (7 \times 8)))) - 9) &= ((9 + 8!) \times 7) - (6 - ((5 + 4^3)^2 \times 1)) \\
 287059 &:= (((1 + 2!)! \times (3! + 4)) - (5 - (6^7 - 8 \times 9)) &= ((9 + 8!) \times 7) - (6 - (((5 + 4^3)^2) + 1)) \\
 287060 &:= ((1 \times 2^{3 \times 4}) - 5) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7!/6!)) - (5 - (4^{3!} + (2 + 1)!)) \\
 287061 &:= 1 \times ((2 \times (3! - (4 \times (5! - 6!)))) + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) - (5 - (4^{3!} + (2 - 1))) \\
 287062 &:= (1 + (2 \times (3! - (4 \times (5! - 6!)))) + (7 \times 8! + 9) &= (9 + (8! \times 7 + 6!)) - (5 - (4^{3!} + 2 \times 1)) \\
 287063 &:= 1 \times (((2 + 3!) \times (4 - (5! - 6!))) + 7 \times 8! - 9) &= ((9 + (8! \times 7 + (6 \times 5!))) + 4^{3!}) - 2 \times 1 \\
 287064 &:= (1 + (((2 + 3!) \times (4 - (5! - 6!))) + 7 \times 8!)) - 9 &= ((9 \times 8 \times 7) - 6!) \times (5! - (((4 + 3!!) \times 2) + 1)) \\
 287065 &:= (1 + (2 \times 3!! + 4!)) + ((5 \times 6) \times (7! + 8!/9)) &= (9 + 8! \times 7) + ((6 \times 5!) + (4^{3+2+1})) \\
 287066 &:= 1 - (((2 - 3!) \times 4^5) - (6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6 \times 5!))) + (4^{3!} + (2 - 1)) \\
 287067 &:= 1 + (2 + (3 \times (((4! - 5) \times 6! \times 7) - 8 \times 9))) &= (9 + (8! + ((7 - (6! - 5!)) \times 4!))) \times ((3! \times 2) - 1) \\
 287068 &:= (((1 + 2!) \times (3!! - 4!)) - (5 - 6!)) + (7 \times (8! - 9)) &= ((9 + (8! \times 7 + (6! + 5!))) + 4^{3!}) - 2 \times 1 \\
 287069 &:= (((1 + 2!)! \times (3! + 4)) + ((5 + 6^7) - 8 \times 9) &= ((9 + 8!) \times 7) + ((6 + ((5 + 4^3)^2)) - 1) \\
 287070 &:= 1 \times 2 \times (3! - ((4 \times (5! - (6! - (7! - 8!)))) - 9)) &= ((9 + 8!) \times 7) + (6 + ((5 + 4^3)^2 \times 1)) \\
 287071 &:= (1 + (2 \times ((3 - 4!) \times (5 + 6!)))) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7) + 6) + (((5 + 4^3)^2) + 1) \\
 287072 &:= (1 - ((2 + 3!) \times (4 + 5! - 6!))) + (7 \times (8! + 9)) &= (9 \times ((8! - 7) - 6^5)) - ((4 \times 3!! \times 2) + 1) \\
 287073 &:= (((1 + 2!) \times ((3 \times (4! + 5)) + 6!)) + 7 \times 8! - 9 &= ((9 + 8! + ((7 \times ((6 + 5)^4)) + 3!)) \times 2) + 1 \\
 287074 &:= -12 + ((34 + 5 \times 6!) \times (7 + 8 \times 9)) &= (9 \times ((8! - 7) - 6^5)) - ((4 \times 3!! \times 2) - 1) \\
 287075 &:= 1 \times 2 - ((3! \times (4! - (5! + 6!))) - (7 \times (8! - 9))) &= ((98 \times ((7 \times 6) + (5! \times 4!))) + (3!! - 2)) + 1 \\
 287076 &:= 1 \times 2 \times (3 \times ((4^5 - 6) \times ((7 \times 8) - 9))) &= (9 - 8) \times ((7 \times (6! - ((5 + 4!) - (3! + 2)!))) - 1) \\
 287077 &:= (1 + (((2 + 3!)! - (4! + (5 - 6!))) \times 7) + 8) - 9 &= (9 \times ((8! - 7) - 6^5)) - (4 \times (3!! \times 2 - 1)) \\
 287078 &:= 1 \times 2 + (3! \times ((4^5 - 6) \times ((7 \times 8) - 9))) &= 9 - (8 - (7 \times (6! - ((5 + 4!) - (3! + 2 \times 1)!)))) \\
 287079 &:= (1 + (((2 + 3!)! - (4! + (5 - 6!))) \times 7) - (8 - 9) &= ((9 + 8! - (7! - (6! - (5! + 4)))) \times (3! + 2)) - 1 \\
 287080 &:= (((1 + (2 \times ((3!! - 4) \times 5))) + 6^7) - 8) - 9 &= (9 + 8! \times 7) + (((6! - (5! - 4)) \times (3! + 2)) - 1) \\
 287081 &:= 1 \times (((2 + 3!) \times (4 - (5! - 6!))) + (7 \times 8! + 9)) &= ((9 + 8! - (7! - (6! - (5! + 4)))) \times (3! + 2)) + 1 \\
 287082 &:= (1 + (((2 + 3!) \times (4 - (5! - 6!))) + 7 \times 8!)) + 9 &= (9 + 8! \times 7) + (((6! - (5! - 4)) \times (3! + 2)) + 1) \\
 287083 &:= (((1 + (2 + 3!)! - (4! + (5 - 6!))) \times 7) + 8) - 9 &= ((9 + 8!) \times 7) + (6! + ((5! - 4) \times (3!^2 - 1))) \\
 287084 &:= (((1 + (2 \times (3!! - 4))) \times 5) + 6^7) - 8) - 9 &= 9 - (8 - (((7 + (6^5)) - 4!) \times (3!^2 + 1)))
 \end{aligned}$$

$$\begin{aligned}
 287085 &:= 1 \times (((2 + 3!) - (4! - 5!)) \times 6) + (7 \times (8! - 9)) &= 9 - (8 - (7 \times (6! - ((5 + 4!) - ((3! + 2)! + 1)))) \\
 287086 &:= (1 + (((2 + 3!) - (4! - 5!)) \times 6)) + (7 \times (8! - 9)) &= 9 + 8! + (7 \times (6! - (5 - (4! \times (3! \times 2 - 1)))) \\
 287087 &:= 1 - ((2 - 3^4) \times ((5 \times (6! + 7)) + (8 - 9))) &= ((9 + 8) + (7 \times (6! - ((5!/4) - (3! + 2)!))) \times 1 \\
 287088 &:= (1 \times 2 \times (3!! + 4!)) + ((5 \times 6) \times (7! + 8!/9)) &= ((9 + 8) + (7 \times (6! - ((5!/4) - (3! + 2)!))) + 1 \\
 287089 &:= (1 + (((2 + 3!) - 4 \times 5) \times 6)) + ((7! - 8) \times 9) &= 9 - (8 \times (7! - (6! - (5! - (4 + ((3! + 2)! + 1)))) \\
 287090 &:= 1 - (2 - (((3 + 4)! - (5! + (6 - (7 \times (8! - 9)))))) &= ((9 + 8!) \times 7) - (((6 - 5!) \times ((4! - 3) \times 2)) + 1) \\
 287091 &:= (1 - 2^{3!}) \times ((4 \times 5 - (6! - (7 - 8!)))/9) &= ((9 \times ((8 + 7) + 6!))/5) \times ((4! \times (3^2)) + 1) \\
 287092 &:= (1 - (2 \times (3! + (4 \times (5! - 6!)))) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) - (((6 - 5!) \times ((4! - 3) \times 2)) - 1) \\
 287093 &:= 1 \times 2 - (((3 + (4 \times 5! + 6!)) \times 7) - 8!) \times 9 &= 9 + ((8 + (7 \times (6! - ((5 + 4!) - (3! + 2)!))) - 1) \\
 287094 &:= (((1 + (2 + 3!)) - 4 \times 5) \times 6) + ((7! - 8) \times 9) &= 9 + (8 + (7 \times (6! - ((5 + 4!) - (3! + 2 \times 1)!))) \\
 287095 &:= (1 + (((2 + 3!) - (4! + (5 - 6!))) \times 7) + 8) + 9 &= 9 + 8 + ((7 \times (6! - ((5 + 4!) - (3! + 2)!)) + 1) \\
 287096 &:= ((1 + (2 \times ((3! - 4) \times 5))) + 6^7) + (8 - 9) &= ((9 + 8!) \times 7) + (((6! - 5!) \times 4) - 3) \times 2 - 1) \\
 287097 &:= (((1 \times 2 + 3!) - (4! + 5)) \times 6) + 7! + (8! - 9) &= ((9 + (8! + 7!)) \times 6) + (((5! - 4 + 3!)^2) - 1) \\
 287098 &:= (((1 + (2 \times ((3! - 4) \times 5))) + 6^7) - 8) + 9 &= ((9 + 8!) \times 7) - (6 - ((5! \times (4 + 3!^2)) + 1)) \\
 287099 &:= (((1 + 2)!! + (3! - 4) \times 5) + 6^7) - 8 - 9 &= ((9 + (8! + 7!)) \times 6) + (((5! - 4 + 3!)^2) + 1) \\
 287100 &:= (((1 + (2 + 3!)) - (4! - 5)) \times 6) + ((7! - 8) \times 9) &= (9 \times (8 + 7 \times 6)) \times ((5^4) + (3! \times 2 + 1)) \\
 287101 &:= (((1 + (2 + 3!)) - (4! + (5 - 6!))) \times 7) + 8) + 9 &= 9 + 8 + (7 \times (6! - ((5 + 4!) - ((3! + 2)! + 1))) \\
 287102 &:= (((1 + (2 \times (3! - 4))) \times 5) + 6^7) - 8) + 9 &= (((9 + 8!) \times 7) - 6!) - (((5! - (4 \times 3!)) \times 2) + 1) \\
 287103 &:= (((1 + (2 + 3!)) - (4! + 5)) \times 6) + (7! + 8! - 9) &= (9 + (8! + 7!)) - (6 \times ((5!/4) - ((3! + 2)! - 1))) \\
 287104 &:= 1 - (((2 \times 3! - 4) \times (5! - 6!)) - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) - (((5! - (4 \times 3!)) \times 2) - 1) \\
 287105 &:= ((1 + (2 \times ((3! + 4) \times 5))) + 6^7) - 8 \times 9 &= (9 - 8) \times (7 \times (6 \times 5! - (4! - ((3! + 2)! - 1)))) \\
 287106 &:= 1 \times (2 \times (3 - ((4! + 5) \times (6! - ((7!/8) \times 9)))) &= 9 - (8 - (7 \times (6 \times 5! - (4! - ((3! + 2)! - 1)))) \\
 287107 &:= 1 + (2 \times (3 - ((4! + 5) \times (6! - ((7!/8) \times 9)))) &= (9 + ((8! + ((7! \times 6 - 5!)/4) \times 3!)) - 2 \times 1 \\
 287108 &:= 1 - (2 - (((3^4 + 5 \times 6!) \times 78) - 9)) &= (((9 + 8!) \times 7) + 6) + ((5! \times (4 + 3!^2)) - 1) \\
 287109 &:= (1 - ((2 + 3!)/4!)) \times (((5 \times 6! - 7!)/8) + 9) &= (((9 + 8! - (7! - (6! - 5!))) \times (4!/3)) - 2) - 1 \\
 287110 &:= (1 + (2 \times (3 - (4 \times (5! - 6!)))) + (7 \times (8! + 9)) &= (((9 + 8! - (7! - (6! - 5!))) \times (4!/3)) - 2) \times 1 \\
 287111 &:= (1 - (((2 + 3!) - ((4 - 5!) \times 6)) \times 7)) \times (8 - 9) &= (((9 + 8! - (7! - (6! - 5!))) \times (4!/3)) - 2) + 1 \\
 287112 &:= 1 \times 2 \times (3! - ((4! + 5) \times (6! - ((7!/8) \times 9)))) &= 9 - (8 - ((7 \times (6 \times 5! - (4! - (3! + 2)!))) - 1)) \\
 287113 &:= ((1 \times 2^{3 \times 4}) + (5! + 6!)) + (7 \times (8! - 9)) &= 9 - (8 - (7 \times (6 \times 5! - (4! - (3! + 2 \times 1)!))) \\
 287114 &:= (1 + ((2^{3 \times 4}) + (5! + 6!))) + (7 \times (8! - 9)) &= 9 - (8 - ((7 \times (6 \times 5! - (4! - (3! + 2)!)) + 1)) \\
 287115 &:= (1 \times 2 + (3^4 \times (5 \times 6!))) - (7 + 8!/9) &= (9 \times (8 + (7! \times 6))) + (((5! - 4 + 3!)^2) - 1) \\
 287116 &:= (1 - ((2 - (3! - (4! - 5!))) \times 6)) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6 \times 5!)) + 4^{3!} - 2) - 1 \\
 287117 &:= 1 \times (((2 \times 3! - 4) \times 5) + 6^7) - 8 + 9 &= (9 \times ((8!/7 + 6) \times 5)) + (4!^3 \times 2 - 1) \\
 287118 &:= 1 \times 2 \times (3 - (4 \times (5! - (6! - (7! - 8! - 9)))) &= (((9 + 8!) \times 7) + (6 \times 5!)) + 4^{3!} - 2) + 1 \\
 287119 &:= ((1 + 2)! + (3^4 \times (5 \times 6!))) - (7 + 8!/9) &= (9 \times ((8!/7 + 6) \times 5)) + (4!^3 \times 2 + 1) \\
 287120 &:= (((1 + (2 \times (3! + 4! \times 5!))) + 6^7) - 8) - 9 &= 9 - (8 - (7 \times (6 \times 5! - (4! - ((3! + 2)! + 1)))) \\
 287121 &:= 1 - ((2 + (3 \times 4!)) \times (5! - ((6! - (7! - 8!))/9))) &= (9 + (8! + 7!)) + ((6!/5 + 4!) \times (3! \times 2 - 1)) \\
 287122 &:= 1 \times ((2 + (3^4 \times (5 \times 6!))) - (7! \times 8/9)) &= 9 + (8 + (7 \times (6 \times 5! - (4! - ((3! + 2)! - 1)))) \\
 287123 &:= 1 + ((2 + (3^4 \times (5 \times 6!))) - (7! \times 8/9)) &= (((9 + 8!) \times 7) + 6!) + ((5 + 4^{3!}) - (2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 287124 &:= 1 \times 2 \times (3! - (4 \times (5! - (6! - (7! - 8! - 9)))) &= (((9 \times 8) + 7!)/6) \times (5! + ((4! \times (3^2)) + 1)) \\
 287125 &:= (1 + ((2^{3 \times 4}) + (5 + 6!))) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + (6! + 5)) + (4^{3!} + (2 - 1)) \\
 287126 &:= ((1 - 2) + (3^4 \times (5 \times 6!))) + (7 - 8!/9) &= (((9 + 8!) \times 7) + 6!) + (5 + (4^{3!} + 2 \times 1)) \\
 287127 &:= (1 + 2)!! - ((3! \times ((4 - 5!) \times 6)) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) + (5 + (4^{3!} + (2 + 1))) \\
 287128 &:= (1 \times 2 \times 3!^4) + (5! + (6^7 + 8!/9)) &= 9 + 8 + ((7 \times (6 \times 5! - (4! - (3! + 2)!))) - 1) \\
 287129 &:= (1 + ((2 \times 3!^4) + (5! + 6^7))) + 8!/9 &= 9 - ((8 \times (((7 - 6!) \times 5) - 4!)) \times (3^2 + 1)) \\
 287130 &:= 1 - (((2 - (3 \times (4 + 5!))) \times (6! + 7 \times 8)) - 9) &= (9 \times (8! - 7!)) + (6 \times (5! - (((4! \times 3^2) + 1))) \\
 287131 &:= (((1 + 2)!)! \times (3! + 4)) - (5 + (6^7 \times (8 - 9))) &= (9 \times ((8! + ((7 + 6!) \times 5!))/4) + (((3 + 2)!)! + 1) \\
 287132 &:= (((1 + 2)! \times (3!! - 4!)) + (5 + 6!)) + (7 \times 8! - 9) &= (9 \times (8 \times 7! - 6^5)) - (4 \times (3!! \times 2 + 1)) \\
 287133 &:= ((1 - ((2 + 3!)! - (4 \times 5 - 6!))) \times 7) \times (8 - 9) &= (9 + 8! \times 7) - (6 \times ((5^4) - (3!! \times 2 - 1))) \\
 287134 &:= (1 - ((2 - (3!! - (4! - 5!))) \times 6)) + (7 \times 8! + 9) &= (9 + 8! \times 7) + ((6 \times (5! - (4! - (3!! - 2)))) + 1) \\
 287135 &:= ((1 \times 2 + 3!) \times (4 - (5! - 6!))) + (7 \times (8! + 9)) &= (9 \times (8! - 7!)) + ((6 \times (5! - ((4! \times 3^2)))) - 1) \\
 287136 &:= ((1 + (2 \times (3!! + 4! \times 5!))) + (6^7 + 8)) - 9 &= ((9 + 8! \times 7) + (6^5)) - ((4 \times (3!! + 2)) + 1) \\
 287137 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times (6! - 7)) - 8!/9 &= (9 \times (8! - 7!)) + ((6 \times (5! - ((4! \times 3^2)))) + 1) \\
 287138 &:= (((1 + (2 \times (3!! + 4! \times 5!))) + 6^7) - 8) + 9 &= (9 + 8! \times 7) - ((6 \times ((5^4) - 3!! \times 2)) + 1) \\
 287139 &:= 1 + (2 \times (((3!!/4) + 5) \times (6! + 7 \times 8)) + 9) &= (9 + (8! + 7!)) - ((6!/5!) \times (4! - ((3! + 2)! - 1))) \\
 287140 &:= (1 + (((2 + 3!!) - (4! - 5!)) \times 6)) + (7 \times 8! - 9) &= (9 + 8! \times 7) - ((6 \times ((5^4) - 3!! \times 2)) - 1) \\
 287141 &:= 1 \times 2 + (3 \times (((4! - 5) \times ((6 + 7!) - 8)) - 9)) &= 9 \times 8 + ((7 \times (6! - ((5!/4) - (3! + 2)!))) - 1) \\
 287142 &:= (1 + 2) + (3 \times (((4! - 5) \times ((6 + 7!) - 8)) - 9)) &= (9 \times (8! - 7!)) + (6 \times (5! - (((4! \times 3^2) - 1))) \\
 287143 &:= ((1 + 2)! \times (3!! + 4!)) + ((56 \times (7! + 8)) - 9) &= ((9 + 8! - (7! - (6! - (5! - 4)))) \times (3! + 2)) - 1 \\
 287144 &:= 1 \times ((2 + 3!) \times (4 - (5! - (6! - (7! - 8! - 9)))) &= (9 + (8! \times 7 + 6!)) + (((5! - 4) \times (3!^2)) - 1) \\
 287145 &:= 1 + ((2 + 3!) \times (4 - (5! - (6! - (7! - 8! - 9)))) &= ((9 + 8! - (7! - (6! - (5! - 4)))) \times (3! + 2)) + 1 \\
 287146 &:= 1 \times (((2 + 3!)! - (4! - (5 + 6!))) \times 7) + (8 - 9)) &= (9 + (8! \times 7 + 6!)) + (((5! - 4) \times (3!^2)) + 1) \\
 287147 &:= 1 \times 2 - ((3! \times (4! - (5! + 6!))) - (7 \times 8! + 9)) &= 9 - (8 - ((7 \times (6! + (5 - (4! - (3! + 2)!)))) - 1)) \\
 287148 &:= (((1 + (2 + 3!)!) - (4 \times 5 - 6!)) \times 7) - (8 - 9) &= 9 \times 8 + ((7 \times (6! - ((5 + 4!) - (3! + 2)!))) - 1) \\
 287149 &:= 1 \times (((2 + 3!)! - (4! + (5 - 6!))) \times 7) + 8 \times 9 &= 9 \times 8 - (7 \times (6! - ((5 + 4!) \times (3!! \times 2 - 1)))) \\
 287150 &:= (1 + (((2 + 3!)! - (4! + (5 - 6!))) \times 7)) + 8 \times 9 &= 9 \times 8 + ((7 \times (6! - ((5 + 4!) - (3! + 2)!))) + 1) \\
 287151 &:= ((1 \times 2 + 3!)! \times 4) + ((5! \times (6! - 7)) + 8! - 9) &= (9 + (8! + 7!)) - ((6!/5!) \times (4! - ((3! + 2)! + 1))) \\
 287152 &:= (1 + (2 \times (3!! \times 4))) - (5! + (6! - (7 \times 8! - 9))) &= ((9 + 8! \times 7) + (6^5)) - ((4 \times (3!! - 2)) + 1) \\
 287153 &:= 1 \times ((2 \times (3!! + 4! \times 5!)) + (6^7 + 8 + 9)) &= ((9 + 8! \times 7) - 6!) + (((5^4) \times (3^2)) - 1) \\
 287154 &:= ((1 + (2 \times (3!! + 4! \times 5!))) + (6^7 + 8)) + 9 &= ((9 + 8! \times 7) + (6^5)) - ((4 \times (3!! - 2)) - 1) \\
 287155 &:= (((1 + 2 \times 3!!) \times 4) - 5!) - (6! - (7 \times 8! - 9)) &= 9 + (((8! \times 7) - 6!) + (((5^4) \times (3^2)) + 1)) \\
 287156 &:= (((1 + (2 + 3!)!) - (4! + (5 - 6!))) \times 7) + 8 \times 9 &= 9 + 8! + (7 \times (6! + (5 + (4! \times (3!! \times 2 - 1)))) \\
 287157 &:= (((1 + (2 + 3!)!) - 4 \times 5) \times 6) + 7! + (8! - 9) &= (9 - (8 \times (7! - (6^5 + 4!)))) \times (3! \times 2 + 1) \\
 287158 &:= (1 + (((2 + 3!!) - (4! - 5!)) \times 6)) + (7 \times 8! + 9) &= (9 + 8! \times 7) + ((6 \times (5! - (4! - (3!! + 2)))) + 1) \\
 287159 &:= (1 + ((2 + 3)! \times ((4 \times (5! - 6!)) + 7))) \times (8 - 9) &= ((9 + 8! \times 7) - (6 + (5! + 4))) + ((3! + (2 - 1)))! \\
 287160 &:= ((1 + 2^{3!}) \times 4!) + ((5 \times 6) \times (7! + 8!/9)) &= (9 - ((8! - 7!)/6!)) \times ((5 \times (4 - 3!! \times 2)) + 1) \\
 287161 &:= ((1 + (2 \times 3!! + 4)) \times 5) - (6^7 \times (8 - 9)) &= (((9 + 8) \times 7!) + 6) - (5 \times (4! - ((3! + 2)! - 1)))
 \end{aligned}$$

$$\begin{aligned}
 287162 &:= ((1 + (2 \times 3!! + 4)) \times 5) + (6^7 - 8 + 9) &= (((9 + 8) \times ((7!/6!)^5)) + 4) + 3!! \times 2 - 1 \\
 287163 &:= (((1 + (2 + 3!!)) - (4! - 5)) \times 6) + 7! + (8! - 9) &= ((9 + 8) + (7 \times (6! + (5 - (4! - (3! + 2)!)))) - 1 \\
 287164 &:= (1 + (2 \times (3^4 \times (5 \times 6)))) + (7 \times (8! + 9)) &= (((9 + 8) \times ((7!/6!)^5)) + 4) + (3!! \times 2 + 1) \\
 287165 &:= (1 - (((2 - 3^4) \times (5 \times (6! + 7))) - 8)) - 9 &= ((9 + 8! \times 7) - (6! + 5!)) + (4 \times (3!! \times 2 - 1)) \\
 287166 &:= (1 - 2 - ((3 - 4!) \times 5!)) \times (6 \times 7 + 8 \times 9) &= (9 \times (8 + 7!)) - (6 \times ((5!/4) - ((3! + 2)! - 1))) \\
 287167 &:= ((1 \times 2^{3 \times 4}) + (5! + 6!)) + (7 \times 8! - 9) &= (9 \times (8! - (7! + (6! \times 5)))) + (4^3! / 2 - 1) \\
 287168 &:= (1 + ((2^{3 \times 4}) + (5! + 6!))) + (7 \times 8! - 9) &= ((9 + 8! \times 7) - (6! + 5!)) + ((4 \times 3!! \times 2) - 1) \\
 287169 &:= (1 - (2 - 3!!) \times 4) - (5! - (6^7 + 8!/9)) &= (9 \times (8! - (7! + (6! \times 5)))) + (4^3! / 2 + 1) \\
 287170 &:= (1 + (2 \times (3!! \times 4))) - (5! + (6! - (7 \times 8! + 9))) &= ((9 + 8! \times 7) - (6! + 5!)) + ((4 \times 3!! \times 2) + 1) \\
 287171 &:= (((1 - 2 \times (3!! + 4)) \times 5) - 6^7) \times (8 - 9) &= (9 \times (8 + 7!)) - ((6 \times ((5!/4) - (3! + 2)!)) + 1) \\
 287172 &:= ((1 - 2^{3!}) \times (4 - 5!)) + (6^7 - 8 \times 9) &= (9 \times (8 + 7!)) - (((6 \times 5) - (4!/3!)) \times (2 + 1)!) \\
 287173 &:= (((1 + 2 \times 3!!) \times 4) - 5!) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! + 5!)) + (4 \times (3!! \times 2 + 1)) \\
 287174 &:= (1 + (((2 \times 3! - 4!) - (5 - 6!)) \times 7)) - 8 \times 9 &= (9 + (8! + 7!)) + ((6 \times (5 - (4! - (3! + 2)!))) - 1) \\
 287175 &:= 1 - ((2 - (3!! \times 4 - 5!)) - (6^7 + 8!/9)) &= (9 + (8! + 7!)) - (6 \times ((5 \times 4) - ((3! + 2)! + 1))) \\
 287176 &:= (1 + ((2 - 3!) \times (4! - ((5! - 6) \times (7!/8)))) - 9 &= (9 + (8! + 7!)) + ((6 \times (5 - (4! - (3! + 2)!))) + 1) \\
 287177 &:= (1 + (2 \times ((3!! + 4) \times 5))) - (6^7 \times (8 - 9)) &= (9 \times (8 + 7!)) - ((6 \times ((5 + 4!) - (3! + 2)!)) + 1) \\
 287178 &:= (((1 \times 2 + 3!)! - (4! + 5)) \times 6) + ((7! + 8) \times 9) &= (9 \times (8 + 7!)) - (6 \times ((5 + 4!) - (3! + 2 \times 1)!)) \\
 287179 &:= (1 + (((2 \times 3! - 4!) - 5) \times 6)) + ((7! - 8) \times 9) &= (9 \times (8 + 7!)) - ((6 \times ((5 + 4!) - (3! + 2)!)) - 1) \\
 287180 &:= (((1 \times 2 + 3!)! - (4 - 5! \times 6)) \times 7) - 8 \times 9 &= ((9 + 8) \times (7! - 6)) + ((5 \times (4!/3!)) + 2 \times 1) \\
 287181 &:= (1 - 2^{3!}) + (4 \times (((5! - 6) \times (7!/8)) - 9)) &= (9 + (8! + 7!)) + (6 \times (5 - (4! - ((3! + 2)! + 1)))) \\
 287182 &:= (((1 + (2 \times (3!! + 4))) \times 5) + 6^7) - (8 - 9) &= (((9 + 8) \times ((7!/6!)^5)) + 4!) + 3!! \times 2 - 1 \\
 287183 &:= (1 - (((2 - 3^4) \times (5 \times (6! + 7))) - 8)) + 9 &= 9 \times 8 + ((7 \times (6 \times 5! - (4! - (3! + 2)!))) - 1) \\
 287184 &:= (((1 + (2 \times 3! - 4!)) - 5) \times 6) + ((7! - 8) \times 9) &= (9 \times (8 + 7!)) + ((6!/5 + 4!) \times (3!! \times 2 - 1)) \\
 287185 &:= (1 - (2^{3!} \times ((4 \times 5!) - 6))) - ((7! - 8!) \times 9) &= 9 \times 8 + ((7 \times (6 \times 5! - (4! - (3! + 2)!))) + 1) \\
 287186 &:= (1 + ((2^{3 \times 4}) + (5! + 6!))) + (7 \times 8! + 9) &= ((9 + 8!) \times 7) + ((6 \times (5! - (4! - (3!! - 2)))) - 1) \\
 287187 &:= ((1 + 2)! \times (3!! - (4 - 5!))) - (6 - (7 \times (8! - 9))) &= ((9 + 8!) \times 7) - (6 \times ((5^4) - (3!! \times 2 - 1))) \\
 287188 &:= (1 - ((2 - (3!! - (4! - 5!))) \times 6)) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + ((6 \times (5! - (4! - (3!! - 2)))) + 1) \\
 287189 &:= ((1 + ((2 \times 3!! - 4) \times 5)) + 6^7) + 8 \times 9 &= (9 \times (8! - (7! + 6))) - (((5 + 4!) \times 3!)^2 + 1) \\
 287190 &:= (1 + 2)!! - (((3!! \times 4!)/5) - (6 - (7! - 8!))) \times 9 &= (((9 + 8!) \times 7) + (6^5)) - ((4 \times (3!! + 2)) + 1) \\
 287191 &:= (((1 + (2 + 3!!)) - ((4 - 5!) \times 6)) \times 7) + 8 \times 9 &= ((9 \times (8! - (((7! + 6) \times (5!/4!))/3))) + 2) - 1 \\
 287192 &:= (1 - ((2 - ((3 + 4)!)) \times (56 - 7))) + (8! + 9) &= ((9 \times (8! - (((7! + 6) \times (5!/4!))/3))) + 2) \times 1 \\
 287193 &:= (((1 + 2 \times 3!! - 4) \times 5) + 6^7) + 8 \times 9 &= ((9 \times (8! - (((7! + 6) \times (5!/4!))/3))) + 2) + 1 \\
 287194 &:= (1 + ((2 - 3!) \times (4! - ((5! - 6) \times (7!/8)))) + 9 &= ((9 + 8!) \times 7) - ((6 \times ((5^4) - 3!! \times 2)) - 1) \\
 287195 &:= 1 \times (2 - ((3! \times (4 - (5! + 6!))) - (7 \times (8! - 9)))) &= (9 \times ((8! + 7) - 6^5)) - (4 \times (3!! \times 2 + 1)) \\
 287196 &:= 1 + (2 - ((3! \times (4 - (5! + 6!))) - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + (6^5)) - ((4 \times 3!!) + (2 + 1)) \\
 287197 &:= ((1 + 2) \times 3!!) - ((4 \times (5 - 6!)) - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6^5)) - ((4 \times 3!!) + 2 \times 1) \\
 287198 &:= (((1 + 2)! \times 3!!) - (4! - 5)) + (6! + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6!) + (((5! - 4) \times (3!^2)) - 1) \\
 287199 &:= ((1 + 2) \times (3!^4 + 5!)) + (6! + 7 \times 8! - 9) &= (9 + (8! \times 7 + (6 - 5!))) + (4! + ((3! + (2 - 1)))!)
 \end{aligned}$$

$$\begin{aligned}
 287200 &:= (((1+2)!) \times (3^4 \times 5)) + ((6! - 7! \times 8)/9) &= (((9+8!) \times 7) + 6!) + (((5! - 4) \times (3!^2)) + 1) \\
 287201 &:= (((1 \times 2 \times (3!! \times 4! - 5)) + 6!) \times 7) + (8! - 9) &= (((9+8!) \times 7) + (6^5)) - (4 \times 3!! - (2 \times 1)) \\
 287202 &:= (1 + (((2 \times (3!! \times 4! - 5)) + 6!) \times 7)) + (8! - 9) &= (9 + 8! \times 7) - (((6 - (5^4)) \times (3! + 2)) - 1) \\
 287203 &:= (1 + (((2+3)!) + (4-5) \times 6)) + ((7! - 8) \times 9) &= (9 \times ((8! + 7) - 6^5)) - (4 \times (3!! \times 2 - 1)) \\
 287204 &:= (((1+2)! \times (3!! - 4!)) + (5+6!)) + (7 \times (8! + 9)) &= 9 + (((8! - (7 - 6! + 5)) \times (4 + 3)) - (2 - 1)) \\
 287205 &:= ((1 + 2 \times 3!) - (4 \times 5!)) \times (6 - (7!/8 - 9)) &= (((9+8!) \times 7) + (6 - (5! + 4!))) + ((3! + (2 - 1)))! \\
 287206 &:= (((1+2)! \times 3^4) + (56 \times 7!)) + 8!/9 &= (((9+8!) \times 7) + (6^5)) - ((4 \times (3!! - 2)) + 1) \\
 287207 &:= (1 \times 2 \times (3!! \times 4 - 5)) - (6! - (7 \times (8! - 9))) &= (((9+8!) \times 7) - 6!) + (((5^4) \times (3^2)) - 1) \\
 287208 &:= ((1 + ((2 \times (3!! \times 4! - 5)) + 6!)) \times 7) + (8! - 9) &= (((9+8!) \times 7) + (6^5)) - ((4 \times (3!! - 2)) - 1) \\
 287209 &:= (1 \times 2 \times (3!! - 4)) + (5 \times 6! + (7 \times (8! - 9))) &= ((9+8!) \times 7) - (6! - (((5^4) \times (3^2)) + 1)) \\
 287210 &:= (1 + (2 \times (3!! - 4))) + (5 \times 6! + (7 \times (8! - 9))) &= 9 - (((8 \times 7 + ((6 - 5!) \times 4)) \times (3!! - 2)) - 1) \\
 287211 &:= (1 + 2)!! - ((3 \times ((4! - 5) \times (6 - (7! - 8)))) - 9) &= 9 \times 8 + ((7 \times (6! - ((5 \times 4) - (3! + 2)!))) - 1) \\
 287212 &:= (1 + (((2+3)!) - (4! - 5!)) \times 6) + (7 \times (8! + 9)) &= 9 + 8! + (7 \times (6! - (((5 - (4! \times 3!)) \times 2) + 1))) \\
 287213 &:= (1 + (2 \times (3!! \times 4))) - (5 + 6! - (7 \times (8! - 9))) &= ((9 + (8! + 7!)) \times 6) + (((5^4) \times (3! - 2)! - 1) \\
 287214 &:= (1 + 2 \times 3!! - 4) + (5 \times 6! + (7 \times (8! - 9))) &= (9 \times (8 + 7!)) - ((6!/5!) \times (4! - ((3! + 2)! + 1))) \\
 287215 &:= (1 + (((2+3)!) - 4 + 5) \times 6) + ((7! - 8) \times 9) &= ((9 + (8! + 7!)) \times 6) + (((5^4) \times (3! - 2)! + 1) \\
 287216 &:= ((1 + 2 \times 3!!) \times 4) - (5 + 6! - (7 \times (8! - 9))) &= (9 + 8! \times 7) - (((6 - (5! + 4!)) \times (3!^2)) + 1) \\
 287217 &:= (1 - 2^3!) - (((4 \times (5! + 6!)) + 7! - 8!) \times 9) &= (9 \times ((8! - 7!/6)/5!)) \times ((4 \times (3! - 2)! + 1) \\
 287218 &:= 1 + 2 \times 3!! + (4! \times 5! + (6! + (7 \times (8! - 9)))) &= 9 + 8! + ((7 \times (6! - ((5 - (4! \times 3!)) \times 2))) - 1) \\
 287219 &:= (((1 \times 2 \times (3!! \times 4! - 5)) + 6!) \times 7) + (8! + 9) &= (((9+8!) \times 7) - (6! + 5!)) + (4 \times (3!! \times 2 - 1)) \\
 287220 &:= (1 + (((2 \times (3!! \times 4! - 5)) + 6!) \times 7)) + (8! + 9) &= 9 + 8! + ((7 \times (6! - ((5 - (4! \times 3!)) \times 2))) + 1) \\
 287221 &:= 1 \times (2 \times 3!! + (4 + (5 \times 6! + (7 \times (8! - 9)))) &= (((9+8!) \times 7) - 6) - (5! - (4 + ((3! + (2 - 1))))!) \\
 287222 &:= (1 + (2 \times 3!! + 4)) + (5 \times 6! + (7 \times (8! - 9))) &= (((9+8!) \times 7) - (6! + 5!)) + ((4 \times 3!! \times 2) - 1) \\
 287223 &:= (1 + (2 \times (3!! \times 4))) + (5 - (6! - (7 \times (8! - 9)))) &= (((9+8!) \times 7) - 6!) + (5! \times (4! + ((3! - 2)! - 1))) \\
 287224 &:= (1 + (2 \times (3!! - 4!))) + (5 \times 6! + 7 \times 8! - 9) &= (((9+8!) \times 7) - (6! + 5!)) + ((4 \times 3!! \times 2) + 1) \\
 287225 &:= (1 \times 2 \times (3!! + 4)) + (5 \times 6! + (7 \times (8! - 9))) &= (((9+8!) \times 7) + (6 - (5! + 4))) + ((3! + (2 - 1)))! \\
 287226 &:= (1 + (2 \times (3!! + 4))) + (5 \times 6! + (7 \times (8! - 9))) &= 9 + 8! + (7 \times (6! - (((5 - (4! \times 3!)) \times 2) - 1))) \\
 287227 &:= (((1 + 2 \times 3!!) \times 4) - 5!) - (6! - (7 \times (8! + 9))) &= (((9+8!) \times 7) - (6! + 5!)) + (4 \times (3!! \times 2 + 1)) \\
 287228 &:= 1 \times 2 - ((3! + ((4 \times (5! + 6!)) + 7! - 8!)) \times 9) &= (9 + 8) \times (((7!/6!)^5) + 4) + (3!! \times 2 + 1) \\
 287229 &:= (1 \times 2 \times (3! + 4! \times 5!)) - (6! - (7 \times (8! - 9))) &= (9 + (8! + 7!)) - (6 \times ((5 + 4) - ((3! + 2)! - 1))) \\
 287230 &:= (1 + (2 \times (3! + 4! \times 5!))) - (6! - (7 \times (8! - 9))) &= (9 - 8) \times ((7 \times (6! - (5 - ((4!/3)! - 2)))) - 1) \\
 287231 &:= ((1 \times 2 + ((3 + 4)!)) - 5!) + (6 + (7 \times (8! + 9))) &= 9 - (8 - ((7 \times (6! - (5 - ((4!/3)! - 2)))) - 1)) \\
 287232 &:= (1 + 2)! - ((3! + ((4 \times (5! + 6!)) + 7! - 8!)) \times 9) &= (9 - 8) \times ((7 \times (6! - (5 - ((4!/3)! - 2)))) + 1) \\
 287233 &:= (1 - 2 \times 3!) + (4 \times (((5! - 6) \times (7!/8)) - 9)) &= (9 \times (8 + (7! \times 6))) + (((5^4) \times (3! - 2)! + 1) \\
 287234 &:= ((1 + 2)! + (((3 + 4)! + 5)) + (6 + (7 \times (8! - 9)))) &= (9 \times ((8 + 7!) \times 6)) + (((5! + (4 - 3))^2) + 1) \\
 287235 &:= ((1 + 2)!! + 3!!) + (((4! \times (5^6 - 7!))/8) \times 9) &= ((9 + 8! \times 7) - 6 \times 5) - (4! - ((3! + (2 - 1)))!) \\
 287236 &:= 1 + 2 \times 3!! + (((4! \times (5^6 - 7!))/8) \times 9) &= (9 + (8! + 7!)) - ((6 \times ((5 + 4) - (3! + 2)!)) - 1) \\
 287237 &:= (1 + ((2 \times 3!! \times 4! - (5 - 6!)) \times 7)) + (8! - 9) &= (9 \times (8! - 7!)) - 6 - (((5 + 4!) \times 3!^2) + 1) \\
 287238 &:= (((1 + (2 + 3!)) - 4 \times 5) \times 6) + ((7! + 8) \times 9) &= (9 \times (8 + 7!)) - (6 \times ((5 \times 4) - ((3! + 2)! + 1)))
 \end{aligned}$$

$$\begin{aligned}
 287239 &:= (1 + (((2 \times 3! - 4)! + 5) \times 6)) + ((7! - 8) \times 9) &= (9 \times (8! - 7!) - 6) - (((5 + 4!) \times 3!)^2) - 1 \\
 287240 &:= 1 \times 2 - (3! - (4 \times (((5! - 6) \times (7!/8)) - 9))) &= (9 + (8! \times 7 + (6! \times 5))) - (((4! - 3!!) \times 2) + 1) \\
 287241 &:= (1 \times 2 \times (3!! - 4!)) + (5 \times 6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) + (5! + (4^3 + 2 \times 1)) \\
 287242 &:= (1 + (2 \times (3!! - 4!))) + (5 \times 6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! \times 5))) - (((4! - 3!!) \times 2) - 1) \\
 287243 &:= (((1 + (2 \times 3!! \times 4!)) - (5 - 6!)) \times 7) + (8! - 9) &= (9 \times (8! - 7!)) - (((6 \times 5) + 4! \times 3!)^2) + 1 \\
 287244 &:= (((1 + (2 + 3!))! - (4! - 5)) \times 6) + ((7! + 8) \times 9) &= (9 + 8! \times 7) - (6 - (((5^4) \times (3! + 2)) + 1)) \\
 287245 &:= ((1 - 2^3!) \times (4 - 5!)) + (6^7 - 8 + 9) &= (9 \times (8! - 7!)) - (((6 \times 5) + 4! \times 3!)^2) - 1 \\
 287246 &:= (((1 + 2)! \times 3!!) + 4! + 5) + (6! + (7 \times (8! - 9))) &= (9 + (8! + 7!)) - ((6 \times (5 - ((4!/3!) - 2))) + 1) \\
 287247 &:= (((1 + (2 \times 3! - 4!)) - 5) \times 6) + 7! + (8! - 9) &= (9 + (8! + 7!)) - (6 \times (5 - ((4!/3!) - (2 \times 1)))) \\
 287248 &:= (1 + 2 \times 3!! - 4!) + (5 \times 6! + 7 \times 8! - 9) &= (9 + (8! + 7!)) - ((6 \times (5 - ((4!/3!) - 2))) - 1) \\
 287249 &:= (1 + ((2 \times (3!^4 + 5!)) + 6^7)) + 8!/9 &= (9 \times (8! - 7!)) + (6 - (((5 + 4!) \times 3!)^2) + 1) \\
 287250 &:= 1 \times 2 \times (((3!! + (4! \times (5 + 6! - 7))) \times 8) + 9) &= 9 + 8! + (((7! \times 6) + 5^4) \times (3! + 2)) + 1 \\
 287251 &:= (1 - (((2 + 3!)! - (4 - 5! \times 6)) \times 7)) \times (8 - 9) &= (9 \times (8! - 7!)) + (6 - (((5 + 4!) \times 3!)^2) - 1) \\
 287252 &:= 1 \times 2 + 3! + (4 \times (((5! - 6) \times (7!/8)) - 9)) &= (9 - 8) \times (7 \times (6! - (5 - ((4!/3!) + (2 - 1)))))) \\
 287253 &:= (1 - 2^3!) + (4 \times (((5! - 6) \times (7!/8)) + 9)) &= 9 + 8! - ((7 - (6! - (5 + 4!))) \times (3!!/2 + 1)) \\
 287254 &:= (1 + (((2 + 3!)! - (4 - 5! \times 6)) \times 7)) - (8 - 9) &= (9 + 8! \times 7 + 6) + (((5^4) \times (3! + 2)) - 1) \\
 287255 &:= (1 + ((2 \times 3!! \times 4! - (5 - 6!)) \times 7)) + (8! + 9) &= (9 \times 8!/7! + (6! - 5)) \times (4 + (3!!/2 + 1)) \\
 287256 &:= ((1 + ((2 \times 3!! + 4!) \times 5)) + 6^7) + (8 - 9) &= (9 + 8! \times 7 + 6) + (((5^4) \times (3! + 2)) + 1) \\
 287257 &:= 1 + 2 \times 3! + (4 \times (((5! - 6) \times (7!/8)) - 9)) &= (9 + (8! + 7!)) - ((6 \times (5 - (4!/3!))) + 2 \times 1) \\
 287258 &:= ((1 + ((2 \times 3!! + 4!) \times 5)) + 6^7) - (8 - 9) &= (9 - 8) \times ((7 \times (6! - (5 - ((4!/3!) + 2)))) - 1) \\
 287259 &:= (1 + 2)! - ((3 + ((4 \times (5! + 6!)) + 7! - 8!)) \times 9) &= 9 - 8 + ((7 \times (6! - (5 - ((4!/3!) + 2)))) - 1) \\
 287260 &:= (1 + (((2 \times 3! - 4!) - 5) \times 6) + 7!) + (8! + 9) &= (9 - 8) \times ((7 \times (6! - (5 - ((4!/3!) + 2)))) + 1) \\
 287261 &:= (((1 + (2 \times 3!! \times 4!)) - (5 - 6!)) \times 7) + (8! + 9) &= (9 + (8! \times 7 + 6!)) + ((5! - 4) \times (3!^2 + 1)) \\
 287262 &:= (((1 + (2 \times 3!! + 4!)) \times 5) + 6^7) - (8 - 9) &= ((9 + 8) \times (7! + 6)) - (5 \times (4! - (3! + 2 \times 1)!)) \\
 287263 &:= (1 \times 2 \times (3!! - 4)) + (5 \times 6! + 7 \times 8! - 9) &= (9 + 8! \times 7) + ((6 \times (5! - (4 - 3!))) - (2 \times 1)) \\
 287264 &:= (1 + (2 \times (3!! - 4))) + (5 \times 6! + 7 \times 8! - 9) &= (9 + (8! \times 7 + (6! \times 5 - 4!))) + 3!! \times 2 - 1 \\
 287265 &:= (((1 + (2 \times 3! - 4!)) - 5) \times 6) + 7! + (8! + 9) &= ((9 + 8! \times 7) - (6! \times 5)) + (4! \times (3!!/2 - 1)) \\
 287266 &:= (1 + 2 \times 3!! - 4!) + (5 \times 6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! \times 5 - 4!))) + (3!! \times 2 + 1) \\
 287267 &:= (1 + (2 \times (3!! \times 4))) - (5 + 6! - (7 \times 8! - 9)) &= (9 + 8! \times 7) + ((6 \times (5! - (4 - 3!))) + 2 \times 1) \\
 287268 &:= (1 + 2 \times 3!! - 4) + (5 \times 6! + 7 \times 8! - 9) &= (9 \times (8! - (7! + (6! \times 5)))) - ((4 - 3!!) \times (2 + 1)) \\
 287269 &:= 1 - 2 \times 3! - (((4 \times (5! + 6!)) + 7! - 8!) \times 9) &= (9 + (8! \times 7!/6!)) - ((5 \times 4) - ((3! + (2 - 1)))) \\
 287270 &:= ((1 + 2 \times 3!!) \times 4) - (5 + 6! - (7 \times 8! - 9)) &= (9 + (8! + 7!)) - ((6 \times (5 - ((4!/3!) + 2))) + 1) \\
 287271 &:= (1 + 2)^3 + (4 \times (((5! - 6) \times (7!/8)) - 9)) &= (((9 \times 8) + 7) \times (6! \times 5)) + ((4 \times (3!! - 2)) - 1) \\
 287272 &:= 1 + 2 \times 3!! + (4! \times 5! + (6! + 7 \times 8! - 9)) &= (9 + (8! + 7!)) - ((6 \times (5 - ((4!/3!) + 2))) - 1) \\
 287273 &:= (1 - (2 - 3!!) \times 4) + (5 \times (6! \times (7 + 8 \times 9))) &= (((9 \times 8) + 7) \times (6! \times 5)) + ((4 \times (3!! - 2)) + 1) \\
 287274 &:= (1 \times 2 + ((3 + 4)! - ((5 - 6) - (7 \times 8! - 9))) &= ((9 - 8) + 7!) + (((6 + 5) - 4) \times ((3! + 2)! - 1)) \\
 287275 &:= (1 + (((2 + 3!)! + ((4 - 5) + 6!)) \times 7)) - (8 - 9) &= (9 + 8! \times 7 + 6) - ((5 \times 4) - ((3! + (2 - 1)))) \\
 287276 &:= (1 + (2 \times 3!! + 4)) + (5 \times 6! + 7 \times 8! - 9) &= (9 + (8! + 7!)) + (((6!/5!) \times ((4!/3!) - 2)) - 1) \\
 287277 &:= (1 + (2 \times (3!! \times 4))) + (5 - (6! - (7 \times 8! - 9))) &= (9 + (8! + 7!)) + ((6!/5!) \times ((4!/3!) - (2 \times 1)))
 \end{aligned}$$

$$\begin{aligned}
 287278 &:= (1 + (2 \times (3 + 4! \times 5!))) - (6! - (7 \times 8! - 9)) &= (9 + (8! + 7!)) + (((6!/5!) \times ((4!/3!) - 2)) + 1) \\
 287279 &:= (1 \times 2 \times (3!! + 4)) + (5 \times 6! + 7 \times 8! - 9) &= (((9 \times 8) + 7) \times 6!) + (((5! \times (4!/3!))^2) - 1) \\
 287280 &:= (1 + (2 \times (3!! + 4))) + (5 \times 6! + 7 \times 8! - 9) &= ((9 + 8! \times 7) - (6! + 5)) + (4 \times (3!! \times 2 - 1)) \\
 287281 &:= (1 \times 2 \times ((3!! \times 4) + 5)) - (6! - (7 \times 8! - 9)) &= 9 + 8! - 7 - ((6! \times (5 + ((4! - 3!)/2))) + 1) \\
 287282 &:= (1 + (2 \times (3!! - 4))) + (5 \times 6! + (7 \times 8! + 9)) &= (9 - ((8 - (7! - 6)) \times 5)) + ((4^{3^2}) - 1) \\
 287283 &:= (1 \times 2 \times (3! + 4! \times 5!)) - (6! - (7 \times 8! - 9)) &= 9 + 8! - 7 - ((6! \times (5 + ((4! - 3!)/2))) - 1) \\
 287284 &:= (1 - (2 - 3!!) \times 4) - (5 - (6^7 + 8!/9)) &= (9 - ((8 - (7! - 6)) \times 5)) + ((4^{3^2}) + 1) \\
 287285 &:= (1 - 2 \times 3!) + (4! \times 5! + (6^7 + 8!/9)) &= (9 + (8! \times 7 + (6! \times 5))) + (4 \times (3!!/2 - 1)) \\
 287286 &:= (1 + 2 \times 3!! - 4) + (5 \times 6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! \times 5 - 4))) + (3!! \times 2 + 1) \\
 287287 &:= (1 + (((2 + 3!)! - (4 - 5 - 6!)) \times 7)) + (8 - 9) &= (((9 \times 8) + 7) \times (6! \times 5)) + ((4 \times (3!! + 2)) - 1) \\
 287288 &:= ((1 + 2 \times 3!!) \times 4) - (5 + 6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! \times 5)) + (4! \times 3!!/2 - 1) \\
 287289 &:= (1 + ((2 \times 3!)^4)) - (5^6 - (7 \times (8! - 9))) &= (9 + (8!/7)) + (6! \times ((5!/4) + (3!!/2 + 1))) \\
 287290 &:= 1 + 2 \times 3!! + (4! \times 5! + (6! + (7 \times 8! + 9))) &= ((9 + 8! \times 7) - (6! \times 5)) + ((4! \times 3!!/2) + 1) \\
 287291 &:= ((1 + 2) \times 3!!) + ((4 \times (5 + 6!)) + 7 \times 8! - 9) &= (9 + (8! + 7!)) + (((6!/5!) \times (4!/3!)) + 2 \times 1) \\
 287292 &:= 1 \times 2 - ((3! - 4! \times 5!) - (6^7 + 8!/9)) &= (9 + (8! \times 7 + (6! \times 5 + 4))) + 3!! \times 2 - 1 \\
 287293 &:= 1 + 2 \times 3! - (((4 \times (5! + 6!)) + 7! - 8!) \times 9) &= ((9 + 8! \times 7) - 6! + 5) + ((4 \times 3!! \times 2) - 1) \\
 287294 &:= (1 - (2 - 3!!) \times 4) + (5 + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6! \times 5)) - (((4! - 3!!) \times 2) + 1) \\
 287295 &:= (1 + (2 \times (3!! \times 4))) + (5 - (6! - (7 \times 8! + 9))) &= (9 + (8! + 7)) - ((6! \times (5 + ((4! - 3!)/2))) + 1) \\
 287296 &:= (1 + (2 \times 3!! + 4!)) + (5 \times 6! + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6!) + (((5! \times 4! + 3) \times 2) + 1) \\
 287297 &:= (1 \times 2 \times (3!! + 4)) + (5 \times 6! + (7 \times 8! + 9)) &= (9 + ((8! + 7!) \times 6)) + (((5 \times 4!) + 3)^2) - 1) \\
 287298 &:= (1 + (2 \times (3!! + 4))) + (5 \times 6! + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6! + 5) + (4 \times (3!! \times 2 + 1)) \\
 287299 &:= ((1 \times 2 + 3!!) \times 4) - (5 - (6^7 + 8!/9)) &= (9 + ((8! + 7!) \times 6)) + (((5 \times 4!) + 3)^2) + 1) \\
 287300 &:= (1 + ((2 + 3!!) \times 4)) - (5 - (6^7 + 8!/9)) &= ((9 + 8! \times 7) - 6!) + (((5 + (4 \times 3!!)) \times 2) + 1) \\
 287301 &:= 1 \times 2 + ((3 + 4! \times 5!) + (6^7 + 8!/9)) &= ((9 + 8! \times 7) - 6!) + ((5! \times 4! + 3!) \times 2 \times 1) \\
 287302 &:= (1 + (2 \times (3! + 4! \times 5!))) - (6! - (7 \times 8! + 9)) &= (9 + (8! + 7!)) + (((6!/5!) \times ((4!/3!) + 2)) + 1) \\
 287303 &:= (1 \times 2 + 3!! \times 4) + (5 + (6^7 + 8!/9)) &= 9 \times 8 + (7 \times (6! - (5 - ((4!/3!) - (2 \times 1)))))) \\
 287304 &:= 1 \times 2 + 3! + (4! \times 5! + (6^7 + 8!/9)) &= ((9 + 8!) \times 7!/6!) + (((5^4) \times (3! + 2)) + 1) \\
 287305 &:= (1 - 2 \times 3!) + (4 \times (((5! - 6) \times (7!/8)) + 9)) &= 9 - 8 + (7 + (((6! - 5!) - 4^3)^2) + 1)) \\
 287306 &:= ((1 + 2)! + (((3 + 4)! + 5)) + (6 + (7 \times 8! + 9))) &= (9 + (8! + 7!)) + ((6 \times ((5 + (4!/3!)) - 2)) - 1) \\
 287307 &:= (1 - (((2 + 3!)! + (4 + (5! \times 6))) \times 7)) \times (8 - 9) &= (9 - 8) \times ((7 \times ((6 \times 5!) + (4 + (3! + 2)!))) - 1) \\
 287308 &:= (((1 + (2^{3!+4})) \times 5) + 6) + (7 \times (8! - 9)) &= (9 + (8! + 7!)) + ((6 \times ((5 + (4!/3!)) - 2)) + 1) \\
 287309 &:= (1 + 2^{3!}) + (4 \times (((5! - 6) \times (7!/8)) - 9)) &= (9 \times (8 + 7!)) - ((6 \times (5 - ((4!/3!) - 2))) + 1) \\
 287310 &:= (1 + ((2 + 3!!) \times 4)) + (5 + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6) + (((5^4) \times (3! + 2)) + 1) \\
 287311 &:= 1 + (2 - (((3 + 4) \times (5 - 6!)) - (7 \times (8! + 9)))) &= (9 \times (8 + 7!)) - ((6 \times (5 - ((4!/3!) - 2))) - 1) \\
 287312 &:= 1 \times 2 - (((((3 + 4)! - 5) \times 6) + ((7! - 8!) \times 9)) &= 9 - (((8 - (7 \times 6!)) \times 5) - ((4^{3^2}) - 1)) \\
 287313 &:= ((1 \times 2^{3!}) \times 4!) + (5 \times 6! + (7 \times (8! - 9))) &= ((9 + 8! \times 7) - (6! \times 5)) + (4! \times (3!!/2 + 1)) \\
 287314 &:= (1 + (2 \times 3!! + 4!)) + (5 \times 6! + (7 \times 8! + 9)) &= (9 + 8!/7!) + (((6! - 5!) - 4^3)^2) + 1) \\
 287315 &:= 1 \times 2 - (3 - (4 \times (((5! - 6) \times (7!/8)) + 9))) &= (9 \times (8!/7)) - (6! - (((5! \times 4) + 3!)^2) - 1))
 \end{aligned}$$

$$\begin{aligned}
 287316 &:= 1 \times 2 \times ((3! - 4) \times (((5! - 6) \times (7!/8)) + 9)) &= (9 \times (8!/7)) - (6! - (((5! \times 4) + 3!)^2 \times 1)) \\
 287317 &:= ((1 + (2^{3!} \times 4)) \times (5!/6)) + (7 \times (8! - 9)) &= (9 \times (8!/7)) - (6! - (((5! \times 4) + 3!)^2 + 1)) \\
 287318 &:= (1 + (((2 \times 3! - 4)! - (5 - 6!)) \times 7)) + 8 \times 9 &= (9 + 8! \times 7 + 6) - (5! - (((4! \times 3)^2) - 1)) \\
 287319 &:= (1 \times 2 \times (3!! + 4!)) + (5 \times 6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - (6! \times 5)) + (4! \times (3!!/2 - 1)) \\
 287320 &:= (1 + (2 \times (3!! + 4!))) + (5 \times 6! + 7 \times 8! - 9) &= (9 + 8! \times 7 + 6) - (5! - (((4! \times 3)^2) + 1)) \\
 287321 &:= 1 \times 2 - ((3! \times (4 - (5! + 6!))) - (7 \times (8! + 9))) &= (9 + (8! + 7!)) + ((6 \times (5 + (4!/3!))) + 2 \times 1) \\
 287322 &:= (1 + 2) - ((3! \times (4 - (5! + 6!))) - (7 \times (8! + 9))) &= (9 + 8! - (7 - ((6 \times 5!) + 4))) \times (3! + (2 - 1)) \\
 287323 &:= (1 + (((2 + 3!)! + (4! - 5)) \times 6)) + ((7! - 8) \times 9) &= 9 + 8! + ((7 \times (6! + (5 + (4! \times 3!! \times 2)))) - 1) \\
 287324 &:= 1 \times 2 + 3! + (4 \times (((5! - 6) \times (7!/8)) + 9)) &= ((9 \times (8 + 7!)) - (6 \times (5 - (4!/3!)))) + (2 \times 1) \\
 287325 &:= (1 + (((2 + 3!)! - (4 - 5! \times 6)) \times 7)) + 8 \times 9 &= 9 \times 8 + ((7 \times (6 \times 5! - (4 - (3! + 2)!))) + 1) \\
 287326 &:= (1 \times 2 + ((3 + 4) \times (5 + 6!))) + (7 \times 8! + 9) &= (9 + (8! \times 7 + (((6 + 5) - 4)!)) + 3!^2 + 1) \\
 287327 &:= (((1 + 2)^{3!} \times 4) - (5 - 6^7)) + 8!/9 &= (9 \times (8 + 7!)) - (((6!/5!) \times (4 - (3! + 2)!)) + 1) \\
 287328 &:= (((1 + (2 \times 3! - 4)! - 5) \times 6) + ((7! + 8) \times 9) &= (9 \times (8! - 7!)) - ((6! + (5! - 4!)) \times (3!^2 + 1)) \\
 287329 &:= 1 + 2 \times 3! + (4 \times (((5! - 6) \times (7!/8)) + 9)) &= (9 \times (8 + 7!)) - (((6!/5!) \times (4 - (3! + 2)!)) - 1) \\
 287330 &:= ((1 - 2) + (((3 + 4)! + 5!)) - (6 - (7 \times (8! - 9)))) &= (9 + (8! + 7!)) + ((6 \times (5 + ((4!/3!) + 2))) - 1) \\
 287331 &:= ((1 + ((2 \times (3!! \times 4)) + 5!)) \times 6 \times 7) + (8! + 9) &= (9 + (8! + 7!)) + (6 \times (5 + ((4!/3!) + 2 \times 1))) \\
 287332 &:= 1 - (((2 - ((3 + 4) \times 5!)) \times 6) - (7 \times (8! + 9))) &= (9 + (8! + 7!)) + ((6 \times (5 + ((4!/3!) + 2))) + 1) \\
 287333 &:= 1 - (2 - ((3! - ((4 \times (5! + 6!)) + 7! - 8!)) \times 9)) &= (9 \times (8 + 7!)) - ((6 \times (5 - ((4!/3!) + 2))) + 1) \\
 287334 &:= ((1 + ((2 + 3!)! + 4 \times 5)) \times 6) + ((7! - 8) \times 9) &= (((9 + 8!) \times 7) - (6! + 5)) + (4 \times (3!! \times 2 - 1)) \\
 287335 &:= (1 \times 2 \times (3!! - 4)) + (5 \times 6! + (7 \times (8! + 9))) &= (9 \times (8 + 7!)) - ((6 \times (5 - ((4!/3!) + 2))) - 1) \\
 287336 &:= (1 + (2 \times (3!! - 4))) + (5 \times 6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) + (((5! \times 4!) - 3) \times 2) - 1) \\
 287337 &:= ((1 + 2^{3!}) \times 4!) + (5 \times 6! + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - (6! + 5)) + ((4 \times 3!! \times 2) - 1) \\
 287338 &:= (1 + (2 \times (3!! + 4!))) + (5 \times 6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) + (((5! \times 4!) - 3) \times 2) + 1) \\
 287339 &:= (1 + (2 \times (3!! \times 4))) - (5 + 6! - (7 \times (8! + 9))) &= (9 \times (8 + 7!)) + (((6!/5!) \times ((4!/3!) - 2)) - 1) \\
 287340 &:= (1 + 2 \times 3!! - 4) + (5 \times 6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6! \times 5 - 4)) + (3!! \times 2 + 1) \\
 287341 &:= (((1 + 2 \times 3!!) \times 4) + 5!) - (6! - (7 \times (8! - 9))) &= (9 \times (8 + 7!)) + (((6!/5!) \times ((4!/3!) - 2)) + 1) \\
 287342 &:= (1 + (((2 \times (3!! \times 4! + 5)) + 6!) \times 7)) + (8! - 9) &= 9 - (((8 - (7! + 6)) \times 5) - ((4^{3^2}) - 1)) \\
 287343 &:= (1 + ((2 \times 3!)^4)) - (5^6 - (7 \times 8! - 9)) &= (((9 - 8) \times 7) \times (6! \times 5)) + ((4^{3^2}) - 1) \\
 287344 &:= 1 + 2 \times 3!! + (4! \times 5! + (6! + (7 \times (8! + 9)))) &= ((9 + (8! + 7!)) \times 6) + (((5 \times 4!) + 3)^2 + 1) \\
 287345 &:= (1 + 2^{3!}) - (((4 \times (5! + 6!)) + 7! - 8!) \times 9) &= (9 - 8) \times ((7 \times (6! \times 5)) + ((4^{3^2}) + 1)) \\
 287346 &:= (1 + (((2 + 3!)! + ((4 - 5) + 6!)) \times 7)) + 8 \times 9 &= (((9 + 8!) \times 7) + (6! \times 5 + 4)) + 3!! \times 2 - 1) \\
 287347 &:= (1 + (((2 + 3!)! + (4 - 5)) \times 6)) + ((7! + 8) \times 9) &= (((9 + 8!) \times 7) - 6! + 5) + ((4 \times 3!! \times 2) - 1) \\
 287348 &:= ((1 + ((2 \times (3!! \times 4!) + 5)) + 6!) \times 7) + (8! - 9) &= (((9 + 8!) \times 7) + (6! \times 5 + 4)) + (3!! \times 2 + 1) \\
 287349 &:= 1 - (2 - ((3! + 4) \times (((5 \times 6! - 7) \times 8) - 9))) &= (((9 + 8!) \times 7) - 6! + 5) + ((4 \times 3!! \times 2) + 1) \\
 287350 &:= ((1 + (2^{3!+4})) \times 5) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!) + (((5! \times 4! + 3) \times 2) + 1) \\
 287351 &:= (1 + (((2 + 3!)! - (4! - (5! - 6))) \times 7)) + 8!/9 &= (9 \times 8 \times (7 + (6! \times 5))) + (4!^3 \times 2 - 1) \\
 287352 &:= (1 + (2 \times (3!! + 4))) + (5 \times 6! + (7 \times (8! + 9))) &= 9 + 8! + (7 \times (6! + (((5 + 4! \times 3!!) \times 2) - 1)) \\
 287353 &:= (1 \times 2 \times ((3!! \times 4) + 5)) - (6! - (7 \times (8! + 9))) &= (9 \times (8 + 7!)) - ((6 \times (5! \times (4! - 3!!/2))) - 1) \\
 287354 &:= (12 + (((3 + 4)! + 5)) - (6 - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - 6!) + (((5 + (4 \times 3!!)) \times 2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 287355 &:= (1 \times 2 \times (3! + 4! \times 5!)) - (6! - (7 \times (8! + 9))) &= (9 + 8! \times 7) - ((6 - (5! + 4!)) \times (3!^2 + 1)) \\
 287356 &:= (1 + (2 \times (3! + 4! \times 5!))) - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) + (((5! \times 4! + 3!) \times 2) + 1) \\
 287357 &:= (((1 + (2 + 3!))!) - (4! - (5! - 6!))) \times 7 + 8!/9 &= (((9 + 8!) \times 7) - 6!) + ((5 \times 4) + ((3! + (2 - 1)))!) \\
 287358 &:= 1 \times (((2 + 3!)! - 4 + 5) \times 6) + ((7! + 8) \times 9) &= 9 + 8! + ((7 \times (6! + ((5 + 4! \times 3!)) \times 2)) - 1) \\
 287359 &:= (((1 \times 2 \times (3!! \times 4! + 5)) + 6!) \times 7) + (8! + 9) &= 9 + 8! + (7 \times (6! + ((5 + 4! \times 3!)) \times 2 \times 1)) \\
 287360 &:= (1 + (((2 \times (3!! \times 4! + 5)) + 6!) \times 7)) + (8! + 9) &= (9 + 8! \times 7) - (((6! \times 5 - 4!^3)/2) + 1) \\
 287361 &:= (1 + (2^{3!} + (4! \times 5! + 6^7))) + 8!/9 &= (9 + 8 \times 7) + (((6! - 5!) - 4^3)^2 \times 1) \\
 287362 &:= (((1 + (2^{3!+4})) \times 5) + 6) + (7 \times 8! - 9) &= (9 + ((8 + 7! - 6) \times 5)) + ((4^{3^2}) - 1) \\
 287363 &:= (1 \times 2 + (3! \times (4! + (5! + 6!)))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7!/6!) + (5 \times 4)) + ((3! + (2 - 1)))! \\
 287364 &:= (((1 + (2 \times (3!! + 4!))) \times 5) + 6^7) - 8 - 9 &= (9 + ((8 + 7! - 6) \times 5)) + ((4^{3^2}) + 1) \\
 287365 &:= (1 + ((2 - (3!! + (4! - 5))) \times 6)) \times (7 - 8 \times 9) &= (9 \times (8 + 7!)) + (((6!/5!) \times ((4!/3!) + 2)) + 1) \\
 287366 &:= ((1 + ((2 \times (3!! \times 4! + 5)) + 6!)) \times 7) + (8! + 9) &= 9 + 8! + (7 \times (6! + (((5 + 4! \times 3!)) \times 2) + 1)) \\
 287367 &:= ((1 \times 2^{3!}) \times 4!) + (5 \times 6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - (6! \times 5)) + (4! \times (3!!/2 + 1)) \\
 287368 &:= (1 + ((2^{3!} \times 4!) + 5 \times 6!)) + (7 \times 8! - 9) &= ((9 + 8!) \times 7!/6!) - (5! - (((4! \times 3!)^2) + 1)) \\
 287369 &:= 1 \times 2 - (3 \times (((4! - 5) \times (6 - 7! - 8)) + 9)) &= (9 \times 8!/7!) + (((6! - 5!) - 4^3)^2) + 1) \\
 287370 &:= (1 + 2) - (3 \times (((4! - 5) \times (6 - 7! - 8)) + 9)) &= (9 \times (8 \times 7 + 6)) \times (((5! \times 4) + 3!^2) - 1) \\
 287371 &:= (1 + ((2 + (3^4 \times 5)) \times 6!)) - ((7!/8) \times 9) &= (9 \times (8 + 7!)) + ((6 \times ((5 + (4!/3!)) - 2)) + 1) \\
 287372 &:= (((1 + 2!)^3 \times 4!) + 5) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6) - (5! - (((4! \times 3!)^2) - 1)) \\
 287373 &:= (1 + 2)! - (3 \times (((4! - 5) \times (6 - 7! - 8)) + 9)) &= (9 - 8) \times (((7! + 6) \times 5 + (4^{3^2})) - 1) \\
 287374 &:= (1 + ((2 + (3! \times (4! + 5!))) \times 6)) + (7 \times (8! - 9)) &= 9 - ((8 - ((7! + 6) \times 5)) - ((4^{3^2}) - 1)) \\
 287375 &:= ((1 - (2 \times ((3!! + 4!) \times 5))) - 6^7) \times (8 - 9) &= (9 \times (8 + 7!)) + (((6!/5!) \times (4 + (3! + 2)!)) - 1) \\
 287376 &:= ((1 + (2 \times ((3!! + 4!) \times 5))) + 6^7) + (8 - 9) &= 9 - ((8 - ((7! + 6) \times 5)) - ((4^{3^2}) + 1)) \\
 287377 &:= (1 + (((2 + 3!)! + ((4 + 5!) \times 6)) \times 7)) - 8 \times 9 &= 9 - (8 \times (7 \times 6! - ((5 \times 4^{3!} \times 2) + 1))) \\
 287378 &:= ((1 + (2 \times ((3!! + 4!) \times 5))) + 6^7) - (8 - 9) &= (((9 - 8) + 7! + 6) \times 5) + ((4^{3^2}) - 1) \\
 287379 &:= ((1 + 2!)!) + (3 \times ((4! + 5^6 - (7! - 8)) \times 9)) &= 9 \times 8 + ((7 \times ((6 \times 5!) + (4 + (3! + 2)!)) - 1) \\
 287380 &:= (((1 + (2^{3!+4})) \times 5) + 6) + (7 \times 8! + 9) &= (9 \times (8 + 7!)) + ((6 \times (5 + (4!/3!)) - (2 \times 1)) \\
 287381 &:= (1 + 2^{3!}) + (4 \times (((5! - 6) \times (7!/8)) + 9)) &= (9 \times (8 + 7!)) + ((6 \times (5 + (4!/3!)) - (2 - 1)) \\
 287382 &:= (((1 + (2 \times (3!! + 4!))) \times 5) + 6^7) - 8 + 9 &= (((9 + (8! + ((7! \times (6 + 5)) + 4!))) \times 3) + 2) + 1) \\
 287383 &:= (1 + (((2 + 3!)! + 4! + 5) \times 6)) + ((7! - 8) \times 9) &= (9 \times (8 + 7!)) + ((6 \times (5 + (4!/3!)) + (2 - 1)) \\
 287384 &:= 1 - (2 - (((3 + 4!)! + (5! - (6 - (7 \times 8! - 9)))))) &= (9 \times (8 + 7!)) + ((6 \times (5 + (4!/3!)) + 2 \times 1) \\
 287385 &:= (1 + 2 \times 3! \times 4) \times (((5 + (6! + 7)) \times 8) + 9) &= ((9 \times 8) + ((7! - 6) \times 5)) + ((4^{3^2}) - 1) \\
 287386 &:= (1 + ((2^{3!} \times 4!) + 5 \times 6!)) + (7 \times 8! + 9) &= 9 \times 8 + (((7! - 6) \times 5) + (4^{3 \times (2+1)})) \\
 287387 &:= 1 \times 2 - ((3 \times ((4! - 5) \times (6 - 7! - 8))) + 9) &= ((9 \times 8) + ((7! - 6) \times 5)) + ((4^{3^2}) + 1) \\
 287388 &:= ((1 + ((2 + 3!)! + 4! + 5)) \times 6) + ((7! - 8) \times 9) &= ((9 + ((8 - 7 + 6)!)) \times 5) + ((4^{3^2}) - 1) \\
 287389 &:= (((1 + (2^{3!} \times 4)) \times (5!/6)) + 7 \times 8!) + 9 &= ((9 \times 8) + (7 \times (6! + (5 + (4!/3!)))) + (2 \times 1) \\
 287390 &:= 12 + (((3 + 4) \times (5 + 6!)) + (7 \times (8! + 9))) &= 9 + (((8 + ((7! + 6) \times 5)) + (4^{3^2})) - 1) \\
 287391 &:= ((1 + 2^{3!}) \times 4!) + (5 \times 6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6! \times 5)) + ((4! + 3!) \times 2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 287392 &:= (1 + ((2 \times (3!! \times 4)) + (5! - 6!))) + (7 \times 8! - 9) &= (9 + ((8 + 7 \times 6!) \times 5)) + ((4^{3^2}) - 1) \\
 287393 &:= ((1 \times 2 \times ((3!! + 4!) \times 5)) + 6^7) + (8 + 9) &= (9 \times (8 + 7!)) + ((6 \times (5 + ((4!/3!) + 2))) - 1) \\
 287394 &:= (((1 + 2)! + (3 \times ((4! - 5) \times 6!))) \times 7) + 8 \times 9 &= (9 + ((8 + 7 \times 6!) \times 5)) + ((4^{3^2}) + 1) \\
 287395 &:= (((1 + 2 \times 3!!) \times 4) + 5!) - (6! - (7 \times 8! - 9)) &= (9 \times (8 + 7!)) + ((6 \times (5 + ((4!/3!) + 2))) + 1) \\
 287396 &:= 1 - (2 - (((3 + 4)! + (5! + ((6 + 7 \times 8!) - 9)))) &= ((9 + 8!) \times 7) + ((6 \times (5! + ((4! + 3)^2))) - 1) \\
 287397 &:= (((1 + ((2 + 3!)! + 4 \times 5)) \times 6) + 7!) + (8! - 9) &= (9 + (8! + 7!)) - (6 \times (5 - (4! + ((3! + 2)! - 1)))) \\
 287398 &:= (1 + 2)! + ((3 + 4) \times ((5! \times 6) + (7 + 8! + 9))) &= ((9 + 8!) \times 7) + (6! + ((5^4) \times (3! + (2 - 1)))) \\
 287399 &:= (1 \times 2 + (((3 + 4)! + (5! + 6))) + (7 \times 8! - 9) &= ((9 + 8! \times 7) - (6 - (5! - 4))) + ((3! + (2 - 1)))! \\
 287400 &:= (1 + 2 \times 3!! - 4) \times (5! - (6! / ((7 - 8) \times 9))) &= (9 - ((8! - 7!) / 6!)) \times (5 \times (4 - (3!! \times 2 + 1))) \\
 287401 &:= ((1 + 2 \times 3!)^4) + (5 \times ((6! + 7! - 8) \times 9)) &= 9 \times 8 + (7 \times (6! + (5 + ((4!/3!) + 2 \times 1)))) \\
 287402 &:= 1 - (2 - (((3 + 4)! + (5! - (6 - (7 \times 8! + 9)))))) &= (9 + (8! + 7!)) - ((6 \times (5 - (4! + (3! + 2)!))) + 1) \\
 287403 &:= ((1 + 2)!)! + ((3! \times (4! - (5 - 6!))) + (7 \times 8! + 9)) &= (9 + (8! + 7!)) + (6 \times (((5 \times 4) + (3! + 2)! - 1)) \\
 287404 &:= (((1 + 2 \times 3!!) \times 4!) - (5 - 6!)) \times 7) + (8! - 9) &= (9 + (8! + 7!)) - ((6 \times (5 - (4! + (3! + 2)!))) - 1) \\
 287405 &:= 1 \times 2 - ((3 \times ((4! - 5) \times (6 - 7! - 8))) - 9) &= ((9 + 8! \times 7) - (6! - 5!)) + (4 \times (3!! \times 2 - 1)) \\
 287406 &:= 1 \times 2 \times ((3! \times (4! \times (5 + 6! - 7))) + 8! - 9) &= (((9 + 8) \times 7!) + 6) + (5 \times (4! + (3! + 2 \times 1)!)) \\
 287407 &:= 1 - (((2 \times ((3 + 4)! - (5! + (6! + 7)))) - 8!) \times 9) &= ((9 + 8! \times 7) - (6 - (5! + 4))) + ((3! + (2 - 1)))! \\
 287408 &:= 1 - (2 - ((3 \times (4^5 + 6!)) + (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - (6! - 5!)) + ((4 \times 3!! \times 2) - 1) \\
 287409 &:= (1 - (2 - 3!!) \times 4) + (5! + (6^7 + 8! / 9)) &= ((9 + 8!) \times 7) - ((6 - (5! + 4!)) \times (3!^2 + 1)) \\
 287410 &:= (1 + ((2 \times (3!! \times 4)) + (5! - 6!))) + (7 \times 8! + 9) &= ((9 + 8! \times 7) - (6! - 5!)) + ((4 \times 3!! \times 2) + 1) \\
 287411 &:= (1 \times 2 + (3 \times (4^5 + 6!))) + (7 \times (8! - 9)) &= (9 + 8! \times 7 + 6) + (5! - (4 - ((3! + (2 - 1)))!)) \\
 287412 &:= (1 - ((2 - (3^4 \times 5)) \times (6! - 7))) + 8 \times 9 &= ((9 \times (8 - (7! / 6 \times (5 - 4!)))) - 3!) \times 2 \times 1 \\
 287413 &:= 1 - ((2 - 3!) \times (4! + (((5! - 6) \times (7! / 8)) + 9))) &= ((9 + 8! \times 7) - (6! - 5!)) + (4 \times (3!! \times 2 + 1)) \\
 287414 &:= 1 \times (((2 + 3!)! + (4! - (5 - 6!))) \times 7) - 8 + 9 &= ((9 + 8!) \times 7) - (((6! \times 5 - 4!^3) / 2) + 1) \\
 287415 &:= (1 + ((2 \times 3!)^4)) - (5^6 - (7 \times (8! + 9))) &= ((9 \times 8) + (7 \times (6! \times 5))) + ((4^{3^2}) - 1) \\
 287416 &:= 1 - (((2 - ((3! + 4) \times (5 \times 6! - 7))) \times 8) + 9) &= 9 - ((8 \times ((7! - 6) - (5 \times 4^{3!} \times 2))) + 1) \\
 287417 &:= (1 \times 2 + ((3! \times (4! + (5! + 6!))) + 7 \times 8!)) - 9 &= 9 \times 8 + ((7 \times (6! \times 5)) + ((4^{3^2}) + 1)) \\
 287418 &:= (1 \times 2 + 3!! \times 4) + (5! + (6^7 + 8! / 9)) &= (9 + ((8 + 7 \times 6) \times ((5! \times 4!) - 3!))) \times 2 \times 1 \\
 287419 &:= 1 - (2 \times (((3! - 4! \times 5!) \times (6 \times 7 + 8)) - 9)) &= (9 + ((8 \times 7 + 6) \times 5)) \times (((4! + 3!)^2) + 1) \\
 287420 &:= 1 - (2 + (3 \times (((4! - 5) \times (6 - 7! - 8)) - 9))) &= (9 + 8! \times 7) + ((6 \times (5! + (4! + (3!! - 2)))) - 1) \\
 287421 &:= 1 \times (((2 + 3!)! + (4 \times 5 + 6!)) \times 7) - 8 + 9 &= ((9 + 8! \times 7) - 6) - (5 - (((4! \times 3)^2) - 1)) \\
 287422 &:= (((1 + 2 \times 3!!) \times 4!) - (5 - 6!)) \times 7) + (8! + 9) &= (9 + ((8 + 7! + 6) \times 5)) + ((4^{3^2}) - 1) \\
 287423 &:= 1 \times 2 - (3 \times (((4! - 5) \times (6 - 7! - 8)) - 9)) &= ((9 + 8! \times 7) - 6) - (5 - (((4! \times 3)^2) + 1)) \\
 287424 &:= ((1 \times 2 + 3!!) \times 4) + (5! + (6^7 + 8! / 9)) &= (9 + ((8 + 7! + 6) \times 5)) + ((4^{3^2}) + 1) \\
 287425 &:= (1 + ((2 + 3!!) \times 4)) + (5! + (6^7 + 8! / 9)) &= (9 \times (8! - 7!)) - (((6! + (5! - 4)) \times (3!^2)) - 1) \\
 287426 &:= ((1 + ((2 + 3!)! + (4 \times 5 + 6!))) \times 7) + (8 - 9) &= 9 + (((8! \times 7) - 6) + ((5! + 4!) \times (3!^2))) - 1) \\
 287427 &:= (1 + 2)! - (3 \times (((4! - 5) \times (6 - 7! - 8)) - 9)) &= ((9 + (8! \times 7! / 6!)) - 5) + (((4! \times 3)^2) - 1) \\
 287428 &:= (1 + ((2 + (3! \times (4! + 5!))) \times 6)) + (7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) + (((5! + 4!) \times (3!^2)) + 1) \\
 287429 &:= 1 \times (2 + ((3 + 4) \times (5 + (6! + (7 + 8! + 9)))) &= (9 + (8! \times 7! / 6!)) - (5 - (((4! \times 3)^2) + 1))
 \end{aligned}$$

$$\begin{aligned}
 287430 &:= 1 - (2 - (((3! + 4) \times ((5 \times 6! - 7) \times 8)) - 9)) &= ((9 + ((8!/7!) + 6!)) \times (5!/4)) \times (3! \times 2 + 1) \\
 287431 &:= (1 + 2) + ((3!! + 4) \times (((5 \times (6! - 7)) + 8)/9)) &= ((9 + 8! \times 7) - 6) + ((5 + ((4! \times 3)^2)) - 1) \\
 287432 &:= 1 - (((2 - (3 \times 4)) \times ((5 \times 6! - 7) \times 8)) + 9) &= (9 + (8! \times 7 + 6!)) + (((5! + 4) \times (3!^2)) - 1) \\
 287433 &:= 1 \times 2 + (((3! + 4) \times ((5 \times 6! - 7) \times 8)) - 9) &= ((9 + 8! \times 7) - 6) + (5 + (((4! \times 3)^2) + 1)) \\
 287434 &:= 1 - (((2 - ((3! + 4) \times (5 \times 6! - 7))) \times 8) - 9) &= (9 + (8! \times 7 + 6!)) + (((5! + 4) \times (3!^2)) + 1) \\
 287435 &:= 1 + (((((2 + 3!)! - (4! - (5! + 6))) \times 7) + 8!/9)) &= (9 + 8! \times 7 + 6) - (5 - (((4! \times 3)^2) + 1)) \\
 287436 &:= 1 + (2 + ((3! \times (4! + (5! + 6!))) + (7 \times 8! + 9))) &= ((9 \times (8 - (7!/6 \times (5 - 4!)))) + 3!) \times 2 \times 1 \\
 287437 &:= ((1 + 2)! + ((3! + 4) \times ((5 \times 6! - 7) \times 8))) - 9 &= (9 + ((8! \times 7!/6!) + 5)) + (((4! \times 3)^2) - 1) \\
 287438 &:= (((1 + ((2 + 3!)! + ((4 + 5!) \times 6))) \times 7) - 8) - 9 &= (9 + 8! \times 7 + 6) + (((5! + 4!) \times (3!^2)) - 1) \\
 287439 &:= 1 - (2 - ((3 \times (((4 + 5!) \times 6!) + 7!)) + 8!/9)) &= (9 + ((8! \times 7!/6!) + 5)) + (((4! \times 3)^2) + 1) \\
 287440 &:= (1 + ((2^{3!} \times 4!) + 5 \times 6!)) + (7 \times (8! + 9)) &= (9 + 8! \times 7 + 6) + (((5! + 4!) \times (3!^2)) + 1) \\
 287441 &:= ((1 - ((2 + 3!)! + ((4 + 5!) \times 6))) \times 7) \times (8 - 9) &= (9 - 8) \times (7 \times ((6 \times 5!) + (4! + ((3! + 2)! - 1)))) \\
 287442 &:= 1 \times (2 \times ((3! \times (4! \times (5 + 6! - 7))) + 8! + 9)) &= 9 - (8 - (7 \times ((6 \times 5!) + (4! + ((3! + 2)! - 1)))) \\
 287443 &:= 1 + (2 \times ((3! \times (4! \times (5 + 6! - 7))) + 8! + 9)) &= (9 + 8! \times 7 + 6) + ((5 + ((4! \times 3)^2)) - 1) \\
 287444 &:= (((1 + 2)!^3 \times 4!) + 5) + (6 + (7 \times 8! + 9)) &= (9 \times 8! - (((7! - 6) \times 5) - 4!/3)) + (2 \times 1) \\
 287445 &:= 1 \times (((2 + 3!)! + 4! + 5) \times 6) + (7! + 8! - 9)) &= (9 + 8! \times 7 + 6) + (5 + (((4! \times 3)^2) + 1)) \\
 287446 &:= (1 + ((2 + (3! \times (4! + 5!))) \times 6)) + (7 \times 8! + 9) &= (9 + 8! \times 7) + ((6 \times (5! + (4! + 3!! + 2))) + 1) \\
 287447 &:= 1 \times (((2 + 3!)! + ((4 + 5!) \times 6)) \times 7) + (8 - 9)) &= 9 \times 8 + ((7! + 6) \times 5 + ((4^{3^2}) + 1)) \\
 287448 &:= (1 + ((2 + ((3! + 4) \times (5 \times 6! - 7))) \times 8)) - 9 &= (9 + 8! \times 7) + (((6^5 + 4!)/3) \times 2) - 1) \\
 287449 &:= ((1 + (2 \times ((3!! + 4!) \times 5))) + 6^7) + 8 \times 9 &= (9 + 8! \times 7) + (((6^5 + 4!)/3) \times 2 \times 1) \\
 287450 &:= (1 + (((2 + 3!)! + ((4 + 5!) \times 6)) \times 7)) - (8 - 9) &= (9 + 8! \times 7) + (((6^5 + 4!)/3) \times 2) + 1) \\
 287451 &:= (((1 + ((2 + 3!)! + 4! + 5)) \times 6) + 7!) + (8! - 9) &= (9 - (8 \times ((7 - (6! \times 5)) \times (4 + 3!)))) + (2 \times 1) \\
 287452 &:= ((1 + 2) + ((3! + 4) \times ((5 \times 6! - 7) \times 8))) + 9 &= (9 - (8 \times ((7 - (6! \times 5)) \times (4 + 3!)))) + (2 + 1) \\
 287453 &:= (((1 + (2 \times (3!! + 4!))) \times 5) + 6^7) + 8 \times 9 &= (((9 + 8!) \times 7) - (6 - (5! - 4))) + ((3! + (2 - 1)))! \\
 287454 &:= ((1 + ((2 + 3!)! + ((4 + 5!) \times 6))) \times 7) + (8 - 9) &= (9 \times (8! - 7!)) + (6 \times ((5 + 4!) - ((3! + (2 - 1)))!)) \\
 287455 &:= ((1 + 2)! + ((3! + 4) \times ((5 \times 6! - 7) \times 8))) + 9 &= ((9 + ((8 \times 7! + 6!)/5)) - 4) \times (3!^2 - 1) \\
 287456 &:= (((1 + ((2 + 3!)! + ((4 + 5!) \times 6))) \times 7) - 8) + 9 &= 9 - (8 - (7 \times ((6 \times 5!) + (4! + ((3! + 2)! + 1)))) \\
 287457 &:= ((1 \times 2 + 3!)!/4!) + (5 \times 6! + (7 \times (8! - 9))) &= (9 + (8! + 7!)) + (6 \times (5 + (4! + ((3! + 2)! - 1)))) \\
 287458 &:= 1 - ((2 \times (3!! - (4 \times (5! + 6!)))) - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6 \times 5) + (((4! \times 3)^2) + 1) \\
 287459 &:= (((1 + 2)! \times 3!!) - (4 - 5!)) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - (6! - 5!)) + (4 \times (3!! \times 2 - 1)) \\
 287460 &:= ((1 + 2)!^3) + (4 \times (((5! - 6) \times (7!/8)) - 9)) &= (9 \times (8 + 7!)) - (6 \times (5 - (4! + ((3! + 2)! - 1)))) \\
 287461 &:= 1 + ((2 + 3) \times ((4 + ((5! - 6) \times 7 \times 8)) \times 9)) &= (((9 + 8!) \times 7) - (6 - (5! + 4))) + ((3! + (2 - 1)))! \\
 287462 &:= 1 - (2 - ((3 \times (4^5 + 6!)) + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6! - 5!)) + ((4 \times 3!! \times 2) - 1) \\
 287463 &:= ((1 + 2^{3!}) \times 4!) + (5 \times 6! + (7 \times (8! + 9))) &= (9 + 8! \times 7) - ((6 - (5! \times 4)) \times ((3! \times 2) - 1)) \\
 287464 &:= (1 + (((2 + 3!)! + 4! + 5) \times 6) + 7!) + (8! + 9) &= (9 + (8! \times 7 + 6!)) + (5 \times (((4! + 3!)^2) - 1)) \\
 287465 &:= (1 \times 2 + (3 \times (4^5 + 6!))) + (7 \times 8! - 9) &= (9 \times (8 + 7!)) - ((6 \times (5 - (4! + (3! + 2)!))) + 1) \\
 287466 &:= (1 + ((2 + ((3! + 4) \times (5 \times 6! - 7))) \times 8)) + 9 &= 9 - ((8 \times (((7 - (6! \times 5)) \times (4 + 3!)) - 2)) - 1) \\
 287467 &:= (1 + (((2 + 3!)! + (4! - 5)) \times 6)) + ((7! + 8) \times 9) &= (((9 + 8!) \times 7) - (6! - 5!)) + (4 \times (3!! \times 2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 287468 &:= 1 - (2 - (((3 + 4)! + (5! + (6 + (7 \times (8! + 9)))))) = (9 + (8! \times 7 + 6!)) + ((5 \times ((4! + 3!)^2)) - 1) \\
 287469 &:= (((1 + ((2 + 3!)! + 4! + 5)) \times 6) + 7!) + (8! + 9) = ((9 + 8) \times ((7! \times 6 - (5 \times (4 - 3!)))/2)) - 1 \\
 287470 &:= (1 - (2 \times ((3 - 4!) \times (5! + 6)))) + (7 \times (8! - 9)) = (9 + (8! \times 7 + 6!)) + ((5 \times ((4! + 3!)^2)) + 1) \\
 287471 &:= 1 \times (2 + (((3 + 4)! + (5! + (6 + (7 \times (8! + 9)))))) = (9 \times (8 + 7!)) + ((6 \times ((5 \times 4) + (3! + 2)!)) - 1) \\
 287472 &:= (((1 \times 2 + 3!)! + 4 \times 5) \times 6) + ((7! + 8) \times 9) = (9 \times (8 + 7!)) - (6 \times (5 - (4! + ((3! + 2)! + 1)))) \\
 287473 &:= (((1 + ((2 + 3!)! + (4! + (5 + 6)))) \times 7) - 8) - 9 = (9 \times (8 + 7!)) + ((6 \times ((5 \times 4) + (3! + 2)!)) + 1) \\
 287474 &:= (((1 + 2 \times 3!) \times 4! + (5 + 6!)) \times 7) + (8! - 9) = (9 + 8! \times 7) + (6! + (5 \times (((4! + 3!)^2) + 1))) \\
 287475 &:= (((1 + 2) \times (3!! + 4^5)) - (6 - (7 \times 8!))) + 9 = (((9 + 8!) \times 7) - 6) - (5 - (((4! \times 3)^2) - 1)) \\
 287476 &:= 1 - (((2 - (3! \times (4! + 5!))) \times 6) - (7 \times (8! + 9))) = (9 \times ((8 + 7!) \times 6)) + ((5! - 4 + 3!)^2 \times 1) \\
 287477 &:= (-1 + (((2 + 3!)! + 45) \times 6)) + ((7! - 8) \times 9) = (((9 + 8!) \times 7) - 6) - (5 - (((4! \times 3)^2) + 1)) \\
 287478 &:= ((1 + ((2 + 3!)! + 4 \times 5)) \times 6) + ((7! + 8) \times 9) = ((9 \times (8 + 7!)) + 6) + (5! + ((4!/3)! \times (2 + 1)!)) \\
 287479 &:= (1 + (((2 + 3!)! + 45) \times 6)) + ((7! - 8) \times 9) = 9 \times 8 + (7 + ((6! - 5!) \times ((4 \times ((3 + 2)!)) - 1))) \\
 287480 &:= ((1 - 2) + ((3 \times (4^5 + 6!)) + 7 \times 8!)) + 9 = ((9 + 8!) \times 7) - (6 - (((5! + 4!) \times (3!^2)) - 1)) \\
 287481 &:= (1 - (2 \times (3! + ((4! + 5) \times (6 - 7!)))) - 8!/9 = (((9 + 8!) \times 7!/6!) - 5) + (((4! \times 3)^2) - 1) \\
 287482 &:= (((1 \times 2 + 3!)! + (4! + (5 + 6!))) \times 7) + 8) - 9 = (9 - 8) \times ((7 \times (6! + (5 + (4! + (3! + 2)!)))) - 1) \\
 287483 &:= (1 + (((2 + 3!)! + (4! + (5 + 6!))) \times 7) + 8) - 9 = ((9 + 8!) \times 7!/6!) - (5 - (((4! \times 3)^2) + 1)) \\
 287484 &:= 1 + (2 + ((3 \times (4^5 + 6!)) + (7 \times 8! + 9))) = 9 \times 8 + ((7 \times (6! - (5 - (4! + (3! + 2)!)))) - 1) \\
 287485 &:= 1 \times (((2 + 3!)! + (4! - (5 - 6!))) \times 7) + 8 \times 9 = (((9 + 8!) \times 7) - 6) + ((5 + ((4! \times 3)^2)) - 1) \\
 287486 &:= 1 - (2 - ((3! \times (4! + (5! + 6!))) + (7 \times (8! + 9)))) = (((9 + 8!) \times 7) + 6!) + (((5! + 4) \times (3!^2)) - 1) \\
 287487 &:= ((1 - 2) + ((3 \times 4^5) + 6^7)) + 8!/9 = (((9 + 8!) \times 7) - 6) + (5 + (((4! \times 3)^2) + 1)) \\
 287488 &:= (((1 + 2)!^3 \times 4!) - 5) + (6 + (7 \times (8! + 9))) = (((9 + 8!) \times 7) + 6!) + (((5! + 4) \times (3!^2)) + 1) \\
 287489 &:= (((1 + ((2 + 3!)! + (4! + (5 + 6!)))) \times 7) + 8) - 9 = (((9 + 8!) \times 7) + 6) - (5 - (((4! \times 3)^2) + 1)) \\
 287490 &:= 1 + (2 + ((3! \times (4! + (5! + 6!))) + (7 \times (8! + 9)))) = (9 \times (8 + 7!)) + ((6!/5!) \times (4! + ((3! + 2)! - 1))) \\
 287491 &:= (((1 + ((2 + 3!)! + (4! + (5 + 6!)))) \times 7) - 8) + 9 = (((9 + 8!) \times 7!/6!) + 5) + (((4! \times 3)^2) - 1) \\
 287492 &:= (((1 + 2 \times 3!) \times 4! + (5 + 6!)) \times 7) + (8! + 9) = (((9 + 8!) \times 7) + 6) + (((5! + 4!) \times (3!^2)) - 1) \\
 287493 &:= (1 + (((2 + 3!)! + (4 \times 5 + 6!)) \times 7)) + 8 \times 9 = (((9 + 8!) \times 7!/6!) + 5) + (((4! \times 3)^2) + 1) \\
 287494 &:= ((1 + 2)! + ((3 \times 4^5) + 6^7)) + 8!/9 = (((9 + 8!) \times 7) + 6) + (((5! + 4!) \times (3!^2)) + 1) \\
 287495 &:= (1 + 2^3!) \times ((4! \times 5) - (6! - (7! - (8 + 9)))) = (9 \times (8 + 7!)) + (((6!/5!) \times (4! + (3! + 2)!)) - 1) \\
 287496 &:= ((1 + 2)!^3) - (((4 \times (5! + 6!)) + 7! - 8!) \times 9) = ((9 \times (8 \times (7 \times 6))) - 5!) \times (((4 + 3!)^2) - 1) \\
 287497 &:= ((1 + 2) \times (3 + 4^5)) + (6^7 + 8!/9) = (((9 + 8!) \times 7) + 6) + ((5 + ((4! \times 3)^2)) - 1) \\
 287498 &:= (1 \times 2 \times (3 - ((4! + 5) \times (6 - 7!)))) - 8!/9 = (9 \times (((8 + 7!) \times 6) + 5!)) + (4!^3 + 2 \times 1) \\
 287499 &:= (1 + (2 \times (3 - ((4! + 5) \times (6 - 7!)))) - 8!/9 = (((9 + 8!) \times 7) + 6) + (5 + (((4! \times 3)^2) + 1)) \\
 287500 &:= (1 + ((2 + (3! \times (4! + 5!))) \times 6)) + (7 \times (8! + 9)) = ((9 + 8!) \times 7) + ((6 \times (5! + (4! + 3! + 2))) + 1) \\
 287501 &:= (1 + (((2 + 3!)! + (4! + (5 + 6!))) \times 7) + 8) + 9 = 9 + (8 + ((7 \times (6! + (5 + (4! + (3! + 2)!)))) + 1)) \\
 287502 &:= (1 + 2)! + (3 \times (((4! - 5) \times 6! \times 7) + 8 \times 9)) = ((9 + 8!) \times 7) + (((6^5 + 4!)/3) \times 2) - 1) \\
 287503 &:= 1 - (2 \times (3!! - ((4 \times (5! + (6! - (7! - 8!)))) - 9))) = ((9 + 8!) \times 7) + (((6^5 + 4!)/3) \times 2 \times 1) \\
 287504 &:= 1 \times ((2 \times (3! - ((4! + 5) \times (6 - 7!)))) - 8!/9) = ((9 + 8!) \times 7) + (((6^5 + 4!)/3) \times 2) + 1) \\
 287505 &:= (1 + (2 \times (3! - ((4! + 5) \times (6 - 7!)))) - 8!/9 = (9 \times ((8!/7 + 6!) \times 5)) - (4^3! - (2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 287506 &:= (((1+2) \times (3!+4^5)) + 6^7) + 8!/9 &= (9 \times ((8!/7 + 6!) \times 5)) - (4^{3!} - (2 \times 1)) \\
 287507 &:= (((1 + ((2+3)!) + (4! + (5+6!)))) \times 7) + 8) + 9 &= ((9+8) \times (7!+6)) + (5 \times (4! + ((3!+2)! + 1))) \\
 287508 &:= 1 \times ((2 - ((3-4!) \times 5!)) \times (6 \times 7 + 8 \times 9)) &= 9 - (((8+7 \times 6) \times ((5 - (4 \times 3!)) \times 2)) + 1) \\
 287509 &:= 1 - (2 - ((3!+4) \times ((5 \times (6!+7! - 8)) - 9))) &= (9+8! - ((7+6!) \times ((5 \times 4) - 3!/2))) \times 1 \\
 287510 &:= 1 - ((2 \times ((3!! \times 4 - 5) \times (6 - (7 \times 8)))) - 9) &= 9 - (((8+7 \times 6) \times ((5 - (4 \times 3!)) \times 2)) - 1) \\
 287511 &:= ((1 \times 2 + 3!)/4!) + (5 \times 6! + 7 \times 8! - 9) &= (((9+8!) \times 7) + (6!/5)) + (4! + ((3! + (2-1)))!) \\
 287512 &:= (1 + ((2+3)!/4!)) + (5 \times 6! + 7 \times 8! - 9) &= 9 + ((8 + (((7 \times 6!)/5!) + 4!)^3)) - (2-1) \\
 287513 &:= (1+2) + ((3!+4) \times ((5 \times (6!+7! - 8)) - 9)) &= 9 \times 8 + (7 \times ((6 \times 5!) + (4! + ((3!+2)! - 1)))) \\
 287514 &:= 1 \times (2 \times (((3-4!) \times (5! - 6 - 7!)) + 8! - 9)) &= (9 \times (8! - 7!)) - (6 \times (((5^4) \times (3!+2)) + 1)) \\
 287515 &:= 1 + (2 \times (((3-4!) \times (5! - 6 - 7!)) + 8! - 9)) &= 9 + (8 + (((((7 \times 6!)/5!) + 4!)^3) + 2 \times 1)) \\
 287516 &:= (((1+2 \times 3! \times 4) \times (5 + (6! \times 7))) + 8!) - 9 &= ((9+8!) \times 7) + (((6 \times 5) + ((4! \times 3)^2)) - 1) \\
 287517 &:= ((1+2)!) + ((3! \times (4! + (5+6!))) + (7 \times (8!+9))) &= ((9+8!) \times 7) - ((6 - (5! \times 4)) \times ((3! \times 2) - 1)) \\
 287518 &:= (1 - ((2 - (3!!/4)) \times (5 \times 6))) + (7 \times (8! - 9)) &= (((9+8!) \times 7) + 6!) + (5 \times (((4!+3!)^2) - 1)) \\
 287519 &:= (1 + (((2 \times 3! - 4)! + (5! - 6)) \times 7)) + 8!/9 &= (9 \times (8! - 7!)) + (6! - ((5! \times (4^{3!-2})) + 1)) \\
 287520 &:= 1 \times 2 \times (((3!!+4) \times 5!) + (6! \times (7+8 \times 9))) &= (9 \times (8+7!)) + (6 \times (5 + (4! + ((3!+2)! - 1)))) \\
 287521 &:= (1 + (2 \times (3!^4 \times 5!))) + ((6 \times (7! - 8!))/9) &= (9 \times (8! - 7!)) + (6! - ((5! \times (4^{3!-2})) - 1)) \\
 287522 &:= (((1+2)!!/3) \times (4^5 + 6)) - (7 - 8!) + 9 &= (((9+8!) \times 7) + 6!) + ((5 \times ((4!+3!)^2)) - 1) \\
 287523 &:= (((1+2)!! + (3!!/4)) \times 5) + (6! + (7 \times (8!+9))) &= (((9+8!) \times 7) + ((6 \times 5!)/4)) + ((3! + (2-1)))! \\
 287524 &:= (1 - ((2 \times ((3-4!) \times (5! + 6))) - (7 \times 8!))) - 9 &= (((9+8!) \times 7) + 6!) + ((5 \times ((4!+3!)^2)) + 1) \\
 287525 &:= ((1 + ((2 \times 3! - 4)! + (5! - 6))) \times 7) + 8!/9 &= (9 \times (8+7!)) + ((6 \times (5 + (4! + (3!+2)!))) - 1) \\
 287526 &:= 1 \times (((2+3)! + 4! + 5) \times 6) + ((7!+8) \times 9) &= (9 \times (8! - 7!)) - (6 \times (((5^4) \times (3!+2)) - 1)) \\
 287527 &:= (1 + (((2+3)! + 4! + 5) \times 6)) + ((7!+8) \times 9) &= (9 \times (8+7!)) + ((6 \times (5 + (4! + (3!+2)!))) + 1) \\
 287528 &:= (1 + ((2^{3!} \times 4! \times 5) + 6^7)) - 89 &= ((9+8!) \times 7) + (6! + (5 \times (((4!+3!)^2) + 1))) \\
 287529 &:= 1 - (2 - ((3!+4) \times (((5 \times 6! - 7) \times 8) + 9))) &= (9 + (8! \times 7 + (6! - (5! \times 4)))) + ((3! + (2-1)))! \\
 287530 &:= (1 + ((2+3)!/4!)) + (5 \times 6! + (7 \times 8! + 9)) &= ((9+8! \times 7) - 6!) + (((5! + (4 \times 3!)) \times 2) + 1) \\
 287531 &:= 1 - ((2 - (3 \times 4)) \times (((5 \times 6! - 7) \times 8) + 9)) &= (9 \times (8+7!)) + ((6 \times ((5!/4) + (3!+2)!)) - 1) \\
 287532 &:= ((1 + ((2+3)! + 4! + 5)) \times 6) + ((7!+8) \times 9) &= ((9 - (8 \times (7 - (6! \times 5)))) \times (4+3!)) + (2 \times 1) \\
 287533 &:= (1+2) + ((3!+4) \times (((5 \times 6! - 7) \times 8) + 9)) &= (9 \times (8+7!)) + ((6 \times ((5!/4) + (3!+2)!)) + 1) \\
 287534 &:= (((1+2 \times 3! \times 4) \times (5 + (6! \times 7))) + 8!) + 9 &= 9+8! + (((7 \times 6!) + 5) \times (43 + (2+1)!)) \\
 287535 &:= (((1+2)! \times (3!!+4!)) + 5!) + (6! + 7 \times 8! - 9) &= 9+8! + (((7 \times 6!) + 5) \times ((4+3!)^2)) + 1) \\
 287536 &:= (1+2)! + ((3!+4) \times (((5 \times 6! - 7) \times 8) + 9)) &= 9 - (((8-7) - (6^5 - 4)) \times (3!^2 + 1)) \\
 287537 &:= ((1 + ((2 + (3! \times 4)) \times 5!)) + 6^7) + 8!/9 &= (9+8! \times 7) + (6! - ((5! - 4!^3)/(2+1))) \\
 287538 &:= ((1+2) + (3 \times (4^5 + 6!))) + (7 \times (8!+9)) &= ((9 \times (((8!+7!)/6) + ((5+4!)^3))) - 2) - 1 \\
 287539 &:= (1 - 2 \times 3!) + (45 \times (6! + ((7!/8) \times 9))) &= ((9 \times (((8!+7!)/6) + ((5+4!)^3))) - 2) \times 1 \\
 287540 &:= (((1+2)!^{3!} - 4^5) + (6 \times (7+8! - 9))) &= ((9 \times (((8!+7!)/6) + ((5+4!)^3))) - 2) + 1 \\
 287541 &:= (((1+2)!^3 \times 4!) + 5!) + ((6+7 \times 8!) - 9) &= (((((9+8!/7!) - 6^5) - (4! \times 3!)) \times 2) - 1) \\
 287542 &:= (1 - ((2 \times ((3-4!) \times (5! + 6))) - (7 \times 8!))) + 9 &= (9+8! \times 7) + (((6+5!) \times ((4! - 3) \times 2)) + 1) \\
 287543 &:= (((1+2)!^{3!} - 4^5) + ((6 \times 7! \times 8) - 9)) &= (9 \times (((8!+7!)/6) + ((5+4!)^3))) + 2) \times 1 \\
 287544 &:= 1 \times ((2^{3!} \times 4! \times 5) + (6^7 - 8 \times 9)) &= (9 \times (((8!+7!)/6) + ((5+4!)^3))) + 2) + 1
 \end{aligned}$$

$$\begin{aligned}
 287545 &:= (1 + ((2^{3!} \times 4! \times 5) + 6^7)) - 8 \times 9 &= ((9 + ((8! + 7!) \times 6)) + ((5! + (4!/3!)^2)) \times 1 \\
 287546 &:= (((1 + ((2 + 3)^4)) \times 5) + 6^7) + 8!/9 &= ((9 + 8! \times 7) - 6) + ((5! + ((4! \times 3)^2) - 1) \\
 287547 &:= (1 + (((2 + 3)! + (4 + 5! - 6)) \times 7)) + 8!/9 &= ((9 + 8! \times 7) - 6) + (5! + (4! \times (3!^{2+1}))) \\
 287548 &:= (12 \times (3 + 4!)) + (56 \times (7! + 89)) &= ((9 + 8! \times 7) - 6) + (5! + (((4! \times 3)^2) + 1)) \\
 287549 &:= ((1 + 2^{3!} \times 4!) \times 5) + (6^7 - 8 \times 9) &= (9 + (8! \times 7 + (65 \times 4))) + ((3! + (2 - 1))!) \\
 287550 &:= ((1 + 2) \times (3! + 4!)) \times (5 \times (6! \times 7/8 + 9)) &= (9 + ((8 \times (7! \times 6))/5!)) \times ((4! \times 3!) - (2 \times 1)) \\
 287551 &:= ((12 \times 3!!) - (4^5 - 6^7)) + (8 - 9) &= ((9 + 8!) \times 7) + ((65 + ((4! \times 3)^2)) - 1) \\
 287552 &:= (1 \times 2 + (3 \times ((4! - 5) \times (6 + 7!)))) - 8 \times 9 &= (9 + (8! \times 7!/6!)) + ((5! + ((4! \times 3)^2)) - 1) \\
 287553 &:= (((1 + 2!) \times (3!! + 4!)) + 5!) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + ((6 + 5) \times 4!))) + ((3! + (2 - 1)))! \\
 287554 &:= 1 - (((2 - 3!) \times (4! \times 56)) - (7 \times (8! - 9))) &= (9 + (8! \times 7!/6!)) + (5! + (((4! \times 3)^2) + 1)) \\
 287555 &:= (((1 \times 2 + 3!)! + (4! + (5 + 6!))) \times 7) + 8 \times 9 &= 9 \times 8 - (7 \times (6! - ((5 + 4!) \times (3!! \times 2 + 1)))) \\
 287556 &:= (1 + (((2 + 3)! + (4! + (5 + 6!))) \times 7)) + 8 \times 9 &= ((9 \times 8) + (7 \times (6! + (5 + (4! + (3! + 2)!)))) + 1 \\
 287557 &:= 1 - (2 \times (3! + (4! \times ((5! \times (6 - (7 \times 8))) + 9)))) &= (9 + 8! \times 7) + (6! + ((5! + 4) \times (3!^2 + 1))) \\
 287558 &:= 1 \times (2 + (3! + (45 \times (6! + ((7!/8) \times 9)))) &= (9 + 8! \times 7 + 6) + ((5! + ((4! \times 3)^2)) - 1) \\
 287559 &:= (((1 + 2!)^{3!} \times 4!) + 5!) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6^5)) - (((4 + 3)!/2 \times 1) \\
 287560 &:= (1 \times 2 + (3!!/4)) \times (5!/6 \times (7 + 8 \times 9)) &= (9 + 8! \times 7 + 6) + (5! + (((4! \times 3)^2) + 1)) \\
 287561 &:= (1 + (((2 + 3)! + ((4 - 5 + 6)!)) \times 7)) + 8!/9 &= 9 - (8 \times (((7!/6!) \times (5^4)) - ((3! + 2)! - 1))) \\
 287562 &:= ((1 + ((2 + 3)! + (4! + (5 + 6!)))) \times 7) + 8 \times 9 &= (((9 + 8) \times (7! + (6! - 5!))) - 4!) \times 3 - (2 + 1)! \\
 287563 &:= ((12^3) + (4 + (5 \times 6! + 7 \times 8!))) - 9 &= 9 \times 8 + ((7 \times (6! + ((5!/4) + (3! + 2)!))) + 1) \\
 287564 &:= (((1 + 2!)^{3!} - 4^5) - (6 \times (7 - 8! - 9))) &= ((9 - 8)^{7!}) \times ((6^5 - 4) \times (3!^2 + 1)) \\
 287565 &:= (((1 + ((2 + 3)! + 45)) \times 6) + 7!) + (8! + 9) &= 9 - ((8!/7!) - ((6^5 - 4) \times (3!^2 + 1))) \\
 287566 &:= (1 - ((2 - (3!!/4 \times 5)) \times 6)) + (7 \times (8! - 9)) &= 9 \times 8 + (((((7 \times 6!)/5!) + 4!)^3) - (2 \times 1)) \\
 287567 &:= 1 \times (2 + (((3 + 4)! + 5) \times ((6!/(7 + 8)) + 9))) &= 9 \times 8 + (((((7 \times 6!)/5!) + 4!)^3) - (2 - 1)) \\
 287568 &:= (1 + 2) \times (3! + ((4! + (5! + 6)) \times (7!/8 + 9))) &= 9 + (((8! - ((7!/6!) \times (5^4))) \times (3! + 2)) - 1) \\
 287569 &:= (1 - (2 \times (3!! \times (4! - 5)))) + ((6^7/8) \times 9) &= ((9 - 8) + (7^6)) - ((5! \times (4! - 3!! \times 2)) + 1) \\
 287570 &:= 1 - (2 - (3 \times (((4! - 5) \times (6 + 7!)) - (8 + 9)))) &= 9 \times 8 + (((((7 \times 6!)/5!) + 4!)^3) + 2 \times 1) \\
 287571 &:= ((1 + 2)! + (3 \times (((4! - 5) \times (6! \times 7 - 8)) + 9))) &= (9 + 8! \times 7) - (6 - ((5! + 4!) \times (3!^2 + 1))) \\
 287572 &:= (1 - (((2 - (3!!/4)) \times (5 \times 6)) - (7 \times 8!))) - 9 &= 9 - 8 + (7 + ((6^5 - 4) \times (3!^2 + 1))) \\
 287573 &:= 1 \times 2 + (3 \times (((4! - 5) \times (6 + 7!)) - (8 + 9))) &= 9 - (((8!/7!) - (6^5 + 4)) \times (3!^2 + 1)) \\
 287574 &:= (((1 \times 2 + 3!)! - (4 - (5! + 6))) \times 7) + 8!/9 &= 9 + 8 - (7 - ((6^5 - 4) \times (3!^2 + 1))) \\
 287575 &:= (1 + (((2 + 3)! - (4 - (5! + 6))) \times 7)) + 8!/9 &= (((98 - (7 \times (6! \times (5 - 4)))) \times 3) + 2) - 1 \\
 287576 &:= 1 - (2 - (((3!! \times 45)/6) + (7 \times (8! - 9)))) &= (9 + (8! \times 7 + (6!/5))) + (((4! \times 3)^2) - 1) \\
 287577 &:= (((1 + 2)^3 + 4!) \times 5!) - (6! - (7 \times (8! - 9))) &= (9 + 8! + (7^6)) + (((5 \times (4! \times 3)^2) - 1) \\
 287578 &:= 1 - (((2 + 3) \times (45 - 6!)) - (7 \times (8! - 9))) &= (9 + (8! \times 7 + (6!/5))) + (((4! \times 3)^2) + 1) \\
 287579 &:= 1 \times (2 + (((3!! \times 45)/6) + (7 \times (8! - 9)))) &= (9 + 8! + (7^6)) + (((5 \times (4! \times 3)^2) + 1) \\
 287580 &:= 1 \times (2 \times (3! - (4! \times ((5! \times (6 - (7 \times 8))) + 9)))) &= (98 + (7 \times (6! + (5 + (4! + (3! + 2)!)))) - 1 \\
 287581 &:= (((1 + (2 + 3)! - (4 - (5! + 6))) \times 7) + 8!/9 &= 9 + ((8!/7!) + ((6^5 - 4) \times (3!^2 + 1))) \\
 287582 &:= 1 \times (2 \times (((3! + (4! - 5)) \times (6! + 7! - 8)) - 9)) &= 9 + 8! - (((7! + 6) \times (5 - ((4! + 3) \times 2))) + 1)
 \end{aligned}$$

$$\begin{aligned}
 287583 &:= 1 + (2 \times (((3! + (4! - 5)) \times (6! + 7! - 8)) - 9)) &= (9 + 8! \times 7 + 6) + ((5! + 4!) \times (3!^2 + 1)) \\
 287584 &:= (1 - 2 \times 3!) \times ((4 \times 5!) - ((6^7 - 8!)/9)) &= 9 + 8! - (((7! + 6) \times (5 - ((4! + 3) \times 2))) - 1) \\
 287585 &:= (((1 + 2)!^{3!}) - 4^5) + ((6 \times (7 + 8!)) - 9) &= ((9 + 8) + (7^6)) - ((5! \times (4! - 3!! \times 2)) + 1) \\
 287586 &:= ((1 + 2)!! - (3 \times ((4! - 5) \times (6 - 7!)))) - 8 \times 9 &= (9 \times (8! - (7! + (6 + (5! \times (4! + 3)))))) - ((2 + 1)!)! \\
 287587 &:= ((1 - 2 \times 3!!) \times (4! - 5)) + ((6^7/8) \times 9) &= 9 + ((8 + (7^6)) - ((5! \times (4! - 3!! \times 2)) - 1)) \\
 287588 &:= 1 - (2 - ((3 \times (((4! - 5) \times (6 + 7!)) - 8)) - 9)) &= (9 + 8! - 7!) - (((6! + 5) \times ((4! - 3!!)/2)) + 1) \\
 287589 &:= (1 + 2) \times (((3 - 4) - (5! - (6! + 7!))) \times (8 + 9)) &= (((9 + (8! + 7!)) \times 6) + ((5! + (4!/3!))^2)) - 1 \\
 287590 &:= (1 + ((2 + (3!!/4 \times 5)) \times 6)) + (7 \times (8! - 9)) &= (((9 + (8! + 7!)) \times 6) + ((5! + (4!/3!))^2)) \times 1 \\
 287591 &:= 1 \times 2 + ((3 \times (((4! - 5) \times (6 + 7!)) - 8)) - 9) &= (((9 + (8! + 7!)) \times 6) + ((5! + (4!/3!))^2)) + 1 \\
 287592 &:= 1 - (((2 - (3 \times 4)) \times 5) \times (6! + 7! - 8)) + 9 &= (((9 + 8! - (7! - (6! + 5!))) \times 4) - 3!!) \times 2 \times 1 \\
 287593 &:= 1 \times ((2 + ((3! + 4) \times (5 \times (6! + 7! - 8)))) - 9) &= (9 \times ((8 + 7!) \times 6)) + (((5^4) \times (3! - 2)!) + 1) \\
 287594 &:= 1 + ((2 + ((3! + 4) \times (5 \times (6! + 7! - 8)))) - 9) &= ((9 + 8!) \times 7) + ((6 + 5) \times ((4 \times ((3 + 2)!) + 1)) \\
 287595 &:= (1 - 2^{3!}) \times ((4 \times 5!) - (6 + (7! + (8 - 9)))) &= (9 + 8! \times 7) + ((6 + (5! \times 4)) \times ((3! \times 2) - 1)) \\
 287596 &:= (1 - (2 \times ((3 - 4!) \times (5! + 6)))) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + (((6 + 5!) \times ((4! - 3) \times 2)) + 1) \\
 287597 &:= ((1 + 2)! + ((3! + 4) \times (5 \times (6! + 7! - 8)))) - 9 &= (98 + (((((7 \times 6!)/5!) + 4!)^3) + 2)) + 1 \\
 287598 &:= (12 \times (3!^4 - 5)) + (6 \times (7! + 8! - 9)) &= 9 - ((8 + (((7! + 6) \times (5 - 4!)) + 3)) \times (2 + 1)) \\
 287599 &:= (((1 + 2)! \times 3!!) + (4^5 + (6 + 7 \times 8!))) + 9 &= (-9 - 8) + (((7! + 6) \times (54 + 3)) - (2 + 1)!) \\
 287600 &:= (1 + ((2^{3!} \times 4! \times 5) + (6^7 - 8))) - 9 &= (((9 + 8!) \times 7) - 6) + ((5! + ((4! \times 3)^2)) - 1) \\
 287601 &:= 1 + (2 \times (((3 + 4!) \times (5! + (6! \times 7))) + 8!/9)) &= (((9 + 8!) \times 7) - 6) + (5! + (4! \times (3!^{2+1}))) \\
 287602 &:= 1 \times (((2 \times 3! - 4)! + (5! + 6)) \times 7) + 8!/9 &= (((9 + 8!) \times 7) - 6) + (5! + (((4! \times 3)^2) + 1)) \\
 287603 &:= (1 + (((2 \times 3! - 4)! + (5! + 6)) \times 7)) + 8!/9 &= 9 - (((8 - (7! + 6!)) \times (5 \times (4 + 3!))) + (2 + 1)!) \\
 287604 &:= 1 \times (((2 \times (3!! + (4! + (5! - 6 - 7!)))) + 8!) \times 9) &= (9 - ((8 + ((7! + 6) \times (5 - 4!))) \times 3)) - (2 + 1) \\
 287605 &:= 1 - (((2 \times (3! - (4! + (5! + 6! - 7!)))) - 8!) \times 9) &= (9 - ((8 + ((7! + 6) \times (5 - 4!))) \times 3)) - 2 \times 1 \\
 287606 &:= 1 - (2 - ((3 \times (((4! - 5) \times (6 + 7!)) - 8)) + 9)) &= ((9 + 8!) \times 7!/6!) + ((5! + ((4! \times 3)^2)) - 1) \\
 287607 &:= ((1 + 2)!^{3!}) - (((4! \times 5) - 6 \times 7!) \times 8) + 9 &= (9 + 8! \times 7) + (6 \times (5 + (4! \times (3!^2 + 1)))) \\
 287608 &:= ((1 + 2) + (3 \times ((4! - 5) \times (6 + 7!)))) - (8 + 9) &= ((9 + 8!) \times 7!/6!) + (5! + (((4! \times 3)^2) + 1)) \\
 287609 &:= ((1 + ((2 \times 3! - 4)! + (5! + 6))) \times 7) + 8!/9 &= (9 \times (8 + (7! \times 6))) + (((5! + (4!/3!))^2) + 1) \\
 287610 &:= 1 - (((2 - (3 \times 4)) \times 5) \times (6! + 7! - 8)) - 9 &= (9 - ((8 + ((7! + 6) \times (5 - 4!))) \times 3)) + (2 + 1) \\
 287611 &:= 1 \times (2 + (((3! + 4) \times (5 \times (6! + 7! - 8))) + 9)) &= ((9 + 8!) \times 7) + (6! + ((5! + 4) \times (3!^2 + 1))) \\
 287612 &:= 1 + (2 + (((3! + 4) \times (5 \times (6! + 7! - 8))) + 9)) &= (9 + 8! \times 7) + (((6! \times 5 - 4!) \times 3)/2) - 1) \\
 287613 &:= (1 + 2)! + ((3 \times (((4! - 5) \times (6 + 7!)) - 8)) + 9) &= (9 + 8! \times 7) - (6 \times (5 - (((4! + 3!)^2) - 1))) \\
 287614 &:= ((1 + 2) \times (3 + ((4! - 5) \times (6 + 7!)))) - (8 + 9) &= (9 + 8! \times 7) + (((6! \times 5 - 4!) \times 3)/2) + 1) \\
 287615 &:= (1 - ((2^{3!} \times 4! \times 5) + 6^7)) \times (8 - 9) &= (9 - ((8 - (7! + 6!)) \times (5 \times (4 + 3!)))) + (2 + 1)! \\
 287616 &:= (1 + ((2^{3!} \times 4! \times 5) + 6^7)) + (8 - 9) &= 9 - (((8 + ((7! + 6) \times (5 - 4!))) - 3) \times (2 + 1)) \\
 287617 &:= (1 + (2^{3!} \times 4! \times 5)) - (6^7 \times (8 - 9)) &= ((9 + ((8 - (7! + 6!)) \times (5 - (4! + 3!)))) \times 2) - 1 \\
 287618 &:= (1 + ((2^{3!} \times 4! \times 5) + (6^7 - 8))) + 9 &= (9 + 8! \times 7) - ((6 \times (5 - ((4! + 3!)^2))) + 1) \\
 287619 &:= 1 + (2 \times (((3! + (4! - 5)) \times (6! + 7! - 8)) + 9)) &= ((9 + ((8 - (7! + 6!)) \times (5 - (4! + 3!)))) \times 2) + 1 \\
 287620 &:= (1 - ((2 - (3!!/4 \times 5)) \times 6)) + (7 \times 8! - 9) &= (9 + 8! \times 7) - ((6 \times (5 - ((4! + 3!)^2))) - 1)
 \end{aligned}$$

$$\begin{aligned}
 287621 &:= ((1 + 2^{3!} \times 4!) \times 5) - (6^7 \times (8 - 9)) &= 9 - 8 - (((7! + 6) \times ((5 - 4!) \times 3)) + 2 \times 1) \\
 287622 &:= ((1 + 2^{3!} \times 4!) \times 5) + (6^7 - 8 + 9) &= 9 - 8 - (((7! + 6) \times ((5 - 4!) \times 3)) + (2 - 1)) \\
 287623 &:= (1 \times 2 + (3 \times ((4! - 5) \times (6 + 7!)))) + (8 - 9) &= ((9 - 8) - 7!) + (6 \times (((5 + 4!)^3) \times 2) - 1) \\
 287624 &:= 1 - (2 - (3 \times (((4! - 5) \times (6 + 7!)) - 8 + 9))) &= 9 - 8 - (((7! + 6) \times ((5 - 4!) \times 3)) - (2 - 1)) \\
 287625 &:= (1 + 2^{3!}) \times ((4! \times ((5 \times 6 - 7) \times 8)) + 9) &= ((9 + 8!) \times 7) - (6 - ((5! + 4!) \times (3!^2 + 1))) \\
 287626 &:= ((1 + 2) + (3 \times ((4! - 5) \times (6 + 7!)))) - (8 - 9) &= (((9 + 8) \times (7! + (6! - 5!))) - 4) \times 3 - 2 \times 1 \\
 287627 &:= 1 \times (2 + (3 \times (((4! - 5) \times (6 + 7!)) - 8 + 9))) &= (((9 - 8) - ((7! + 6) \times (5 - 4!))) \times 3) + (2 \times 1) \\
 287628 &:= 1 + (2 + (3 \times (((4! - 5) \times (6 + 7!)) - 8 + 9))) &= 9 - 8 - (7! - ((6 \times (((5 + 4!)^3) \times 2)) - 1)) \\
 287629 &:= (((1 + 2!)^{3!}) + 4) - (((5! - 6 \times 7!) \times 8) - 9) &= 9 \times 8 - (7 - ((6^5 - 4) \times (3!^2 + 1))) \\
 287630 &:= (((1 \times 2 + 3!)! + (4 + (5! + 6))) \times 7) + 8!/9 &= (((9 + 8!) \times 7) + (6!/5)) + (((4! \times 3)^2) - 1) \\
 287631 &:= (1 + (((2 + 3!)! + (4 + (5! + 6))) \times 7)) + 8!/9 &= (((9 + 8!) \times 7) + (6!/5)) + (4! \times (3!^{2+1})) \\
 287632 &:= (1 - (2 \times ((3!/4 \times (5 - 6!)) + 7!))) + (8! - 9) &= (((9 + 8!) \times 7) + (6!/5)) + (((4! \times 3)^2) + 1) \\
 287633 &:= ((1 \times 2^{3!}) \times 4! \times 5) + (6^7 + 8 + 9) &= 9 - (8 \times ((7 \times (6! - (5! - 4!))) - ((3! + 2)! + 1))) \\
 287634 &:= (1 + 2) \times ((3 + ((4! - 5) \times (6 + 7!))) - 8 + 9) &= (9 + 8! \times 7) + ((6 + (5 + 4)) \times (3!/2 - 1)) \\
 287635 &:= (((1 + 2)! \times 3!^4) - (5 - 6^7)) - 8 \times 9 &= 9 - (8 + 7! - (6 \times (((5 + 4!)^3) \times 2) + 1)) \\
 287636 &:= 1 - (2 - ((3 \times (((4! - 5) \times (6 + 7!)) + 8)) - 9)) &= (9 \times 8!/7!) + ((6^5 - 4) \times (3!^2 + 1)) \\
 287637 &:= ((1 + ((2 + 3!)! + (4 + (5! + 6)))) \times 7) + 8!/9 &= (((9 + 8!) \times 7) + 6) + ((5! + 4!) \times (3!^2 + 1)) \\
 287638 &:= 1 \times ((2 + (3 \times 4!)) \times (5! - (6! - (7 + 8!/9)))) &= 9 + 8 - (((7! + 6) \times ((5 - 4!) \times 3)) + (2 - 1)) \\
 287639 &:= 1 + ((2 + (3 \times 4!)) \times (5! - (6! - (7 + 8!/9)))) &= (9 \times ((8! - 7!) - (6^5 + 4!))) + ((3! + 2)! - 1) \\
 287640 &:= ((1 + (2 \times 3!^4)) \times 5!) + ((6 \times (7! - 8!))/9) &= (9 \times (8! - 7!)) + (6! - (5! \times ((4^{3! - 2}) - 1))) \\
 287641 &:= (1 + (((2 - (3 - 4!))!^5) + 6^7)) - 8 \times 9 &= (9 \times ((8! - 7!) - (6^5 + 4!))) + ((3! + 2)! + 1) \\
 287642 &:= (1 \times 2 + ((3 \times 4)^5)) - ((6! - (7! - 8)) \times 9) &= (9 + 8! \times 7) + (((6! \times 5 - 4) \times 3)/2) - 1) \\
 287643 &:= (1 + 2)!! - ((3 \times (((4! - 5) \times (6 - 7!)) + 8)) - 9) &= 9 \times 8 + (7 + ((6^5 - 4) \times (3!^2 + 1))) \\
 287644 &:= (1 + (((2 + (3!/4 \times 5)) \times 6) + 7 \times 8!)) - 9 &= (9 + 8! \times 7) + (((6! \times 5 - 4) \times 3)/2) + 1) \\
 287645 &:= ((1 + 2)! + ((3 \times ((4! - 5) \times (6 + 7!))) + 8)) + 9 &= ((9 + 8 - 7!) + (6 \times (((5 + 4!)^3) \times 2))) \times 1 \\
 287646 &:= ((1 + 2)! + ((3 \times 4)^5)) - ((6! - (7! - 8)) \times 9) &= 9 + 8 - (7! - ((6 \times (((5 + 4!)^3) \times 2)) + 1)) \\
 287647 &:= (1 + (((2 + 3!) \times 45)/6) + 7 \times 8!) - 9 &= (9 + 8! \times 7) + (((6! \times 5)/4) \times 3!) - (2 \times 1)) \\
 287648 &:= 1 \times 2 \times ((3!^4 \times (5! - 6)) + ((7! - 8!)/9)) &= (9 \times ((8! - 7) - 6^5)) - (((4! \times 3)^2) + 1) \\
 287649 &:= (((1 + 2!)^{3!}) + 4!) - (((5! - 6 \times 7!) \times 8) - 9) &= ((9 + 8!) \times 7) + ((6 + (5! \times 4)) \times ((3! \times 2) - 1)) \\
 287650 &:= (1 - (2 \times ((3!/4 \times (5 - 6!)) + 7!))) + (8! + 9) &= (9 \times ((8! - 7) - 6^5)) - (((4! \times 3)^2) - 1) \\
 287651 &:= 1 - (2 - (3 \times (4 - ((5! - (6! + 7!)) \times (8 + 9)))))) &= (9 + 8! \times 7) + (((6! \times 5)/4) \times 3!) + 2 \times 1) \\
 287652 &:= (12 + ((3 \times 4)^5)) - ((6! - (7! - 8)) \times 9) &= (((9 + 8) \times (7! + (6! - 5!))) + 4) \times 3 \times (2 - 1) \\
 287653 &:= (((1 + 2)! \times 3!) + (4^5 + 6)) + (7 \times (8! + 9)) &= (9 + ((8 - ((7! + 6) \times (5 - 4!))) \times 3)) - 2 \times 1 \\
 287654 &:= 1 - (2 - ((3! \times 4^5) - (6! - (7 \times 8! - 9)))) &= (((9 + 8) \times (7! + (6! - 5!))) + 4) \times 3 + 2) \times 1 \\
 287655 &:= 1 - ((2 - ((3 + 4!) \times 5!)) - (6^7 + 8!/9)) &= (((9 + 8) \times (7! + (6! - 5!))) + 4) \times 3 + 2) + 1) \\
 287656 &:= (1 + (2 \times (3 + (4! \times (5! - 6)))))) + (7 \times (8! - 9)) &= (9 + 8! \times 7 + 6) + ((5! \times (43 + 2)) + 1) \\
 287657 &:= 1 - (2 - (((3! - (4 \times 5! + 6!)) \times 7) + 8!) \times 9)) &= (9 + ((8 - ((7! + 6) \times (5 - 4!))) \times 3)) + (2 \times 1) \\
 287658 &:= ((1 - 2^{3!}) \times ((4 \times 5!) - 6)) - ((7! - 8!) \times 9) &= (9 + ((8 \times 7!/6) + 5!)) \times (4! - 3)) \times 2 \times 1
 \end{aligned}$$

$$\begin{aligned}
 287659 &:= (1 + 2) + (((3 + 4!) \times 5!) + (6^7 + 8!/9)) &= 9 + ((8 + 7 \times 6) \times (((5! \times 4!) - 3) \times 2) - 1) \\
 287660 &:= 1 \times 2 - (((3!! + ((4 \times 5!) - 6)) \times 7) - 8!) \times 9 &= (9 + 87) + ((6^5 - 4) \times (3!^2 + 1)) \\
 287661 &:= (1 \times 2 \times (3! + (4! \times (5! - 6)))) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) + (6 \times (5 + (4! \times (3!^2 + 1)))) \\
 287662 &:= 1 \times ((2 \times ((3!! - 4!) - 5^6)) - ((7! - 8!) \times 9)) &= ((98 \times ((7 + (6! + 5)) \times 4)) + 3!!) - 2 \times 1 \\
 287663 &:= (1 + (2 \times ((3!! - 4!) - 5^6))) - ((7! - 8!) \times 9) &= ((9 + 8) \times (((7!/6!)^5 + 4! \times 3)) + ((2 + 1)!)) \\
 287664 &:= (((1 + 2^3!) \times 4! \times 5) + 6^7) - 8 \times 9 &= (9 \times (8!/7)) + (((6 \times 5) + 4^3) \times (2 + 1)!) \\
 287665 &:= (((1 + 2)! \times (3!^4 - 5)) + (6^7 - 8)) - 9 &= (9 + (8! \times 7 + 6!)) - (5! - (4^3! + (2 + 1)!)) \\
 287666 &:= (-1 + (((2 + 3!)! + (45 + 6!)) \times 7)) + 8 \times 9 &= ((9 + 8!) \times 7) + (((6! \times 5 - 4!) \times 3)/2) - 1 \\
 287667 &:= (1 + 2) \times ((3!! - 4!) + ((5^6 - 7! - 8) \times 9)) &= ((9 + 8!) \times 7) - (6 \times (5 - ((4! + 3!)^2) - 1)) \\
 287668 &:= 1 - (((2 \times 3!^4) + (5 + (6! + 7! - 8!))) \times 9) &= ((9 + 8!) \times 7) + (((6! \times 5 - 4!) \times 3)/2) + 1 \\
 287669 &:= 1 - (2 \times (3! + ((4! + 5) \times ((6! - (7! + 8!))/9)))) &= 98 + (7 + ((6^5 - 4) \times (3!^2 + 1))) \\
 287670 &:= (((1 + 2)! \times (3!^4 + 5)) + 6^7) - 8 \times 9 &= (9 + 8 - 7) \times (((6! \times 5 - 4) \times (3! + 2)) - 1) \\
 287671 &:= 1 \times ((2 \times ((3!! - (4 \times (5 + 6! - 7!))) \times 8)) - 9) &= ((9 + 8 - ((7! + 6) \times (5 - 4!))) \times 3) - 2 \times 1 \\
 287672 &:= (1 + (2 \times ((3!! - (4 \times (5 + 6! - 7!))) \times 8))) - 9 &= ((9 + 8!) \times 7) - ((6 \times (5 - ((4! + 3!)^2))) + 1) \\
 287673 &:= (1 + 2)!! - ((3 \times (((4! - 5) \times (6 - 7!)) - 8)) + 9) &= (((9 \times 8) + 7!) - 6) \times 5 + ((4^3^2) - 1) \\
 287674 &:= (((1 + 2)! \times (3^4 \times 5)) - 6) + ((7! - 8!)/9) &= ((9 + 8!) \times 7) - ((6 \times (5 - ((4! + 3!)^2))) - 1) \\
 287675 &:= 1 - (2 \times (3 + ((4! + 5) \times ((6! - (7! + 8!))/9)))) &= (((9 \times 8) + 7!) - 6) \times 5 + ((4^3^2) + 1) \\
 287676 &:= (((1 + 2) + (3! \times 4^5)) - (6! - (7 \times 8!))) + 9 &= 9 \times 8 - (((7! + 6) \times (5 - 4!)) + 3!) \times (2 + 1) \\
 287677 &:= 1 - (((2 \times (3! - ((4 + 5! - 6!) \times 7))) - 8!) \times 9) &= ((9 \times (8 + 7!)) + (6 \times (54 + (3! + 2)!))) + 1 \\
 287678 &:= 1 - (2 - (3 \times ((4! - 5) \times ((6 + 7!) - 8 + 9)))) &= 9 + ((8! \times 7 + (6 \times (5 + ((4! + 3!)^2)))) - 1) \\
 287679 &:= 1 - (2 - ((3^4 \times (5 \times 6!)) + ((7! - 8!)/9))) &= ((9 + 8!) \times 7) - (6 \times (5 - (((4! + 3!)^2) + 1))) \\
 287680 &:= ((1 - 2) + 3^4) \times ((5 \times (6! - (7 - 8))) - 9) &= 9 + 8! - ((7 - (6 \times 5! - 4!)) \times (3!/2 - 1)) \\
 287681 &:= 1 \times (2 + (3 \times ((4! - 5) \times ((6 + 7!) - 8 + 9)))) &= (9 + ((8! \times 7)/6!)) - ((5 - 4!) \times (3!! \times 21)) \\
 287682 &:= (1 \times 2 + (3^4 \times (5 \times 6!))) + ((7! - 8!)/9) &= (((9 + 8!) \times 7) + ((6! + 5^4) \times (3! - 2))) - 1 \\
 287683 &:= 1 - (2 \times (((3 - 4! \times 5!) \times (6 \times 7 + 8)) + 9)) &= (((9 + 8!) \times 7) + ((6! + 5^4) \times (3! - 2))) \times 1 \\
 287684 &:= (1 \times (23 \times 4)) \times ((56 \times 7 \times 8) - 9) &= (9 + 8! \times 7) + (((6! \times 5 + 4!) \times 3)/2) - 1 \\
 287685 &:= (1 + 2)! + (3 \times ((4! - 5) \times ((6 + 7!) - 8 + 9))) &= ((9 + 8!) \times 7) + (((6! \times 5)/4) - 3) \times (2 + 1)! \\
 287686 &:= (1 + (2 \times (3!! \times 4 - (5! + 6)))) + (7 \times (8! - 9)) &= (9 + (8! + (765 + 4))) \times (3! + (2 - 1)) \\
 287687 &:= (1 + (((2 + 3!)! + (4! + (5! - 6))) \times 7)) + 8!/9 &= (9 - (8 \times 7)) \times (6! + (((5 - 4!) \times 3!)/2) - 1) \\
 287688 &:= ((1 \times 2^3!) \times 4! \times 5) + (6^7 + 8 \times 9) &= ((9 - ((8 - (7! + 6!)) \times 5)) \times (4 + 3!)) - 2 \times 1 \\
 287689 &:= ((1 + 2 \times 3!)^4) + (((5 \times (6! + 7!)) - 8) \times 9) &= (9 - 8) \times (7^6 - (5! \times (4! - (3!! \times 2 + 1)))) \\
 287690 &:= (1 + (2 \times ((3!! - (4 \times (5 + 6! - 7!))) \times 8))) + 9 &= 9 - (8 - (7^6 - (5! \times (4! - (3!! \times 2 + 1)))) \\
 287691 &:= 1 - ((2 - (3 \times 4)) \times ((5 \times (6! + 7! - 8)) + 9)) &= ((9 - ((8 - (7! + 6!)) \times 5)) \times (4 + 3!)) + (2 - 1) \\
 287692 &:= 1 \times (2 \times (3! - ((4! + 5) \times ((6! - (7! + 8!))/9)))) &= ((9 - ((8 - (7! + 6!)) \times 5)) \times (4 + 3!)) + (2 \times 1) \\
 287693 &:= 1 + (2 \times (3! - ((4! + 5) \times ((6! - (7! + 8!))/9)))) &= (9 + 8! - (7 \times (6 - (5! - 4)))) \times (3! + (2 - 1)) \\
 287694 &:= (1 + 2)! - (3 \times (4! - ((5! \times 6!) + (7! + 8!/9)))) &= ((9 \times 8) - 7!) + (6 \times (((5 + 4!)^3) \times 2) - 1) \\
 287695 &:= 1 - ((2 + (3 \times (4! + (5! - (6! \times (7 + 8)))))) \times 9) &= 9 \times 8 - (((7! + 6) \times ((5 - 4!) \times 3)) - (2 - 1)) \\
 287696 &:= 1 \times (2 + ((3 \times ((4! - 5) \times (6 + 7!))) + 8 \times 9)) &= ((9 + 8!) \times 7) + (((6! \times 5 - 4) \times 3)/2) - 1
 \end{aligned}$$

$$\begin{aligned}
 287697 &:= 1 - ((2 + 3!) \times (4! + (5 - (6! - (7! - 8! + 9)))))) &= (9 + (8! \times 7 + 6!)) + (5! + ((4!^3)/(2 + 1))) \\
 287698 &:= 1 \times (2 \times (((3!! - (4 \times (5 + 6! - 7!))) \times 8) + 9)) &= ((9 + 8!) \times 7) + (((6! \times 5 - 4) \times 3)/2) + 1 \\
 287699 &:= 1 + (2 \times (((3!! - (4 \times (5 + 6! - 7!))) \times 8) + 9)) &= 9 \times 8 - (7! - ((6 \times ((5 + 4!)^3) \times 2) - 1)) \\
 287700 &:= (((1 + 2)! \times 3!^4) + ((5 + 6^7) - 8)) - 9 &= (((9 + 8!) \times 7) + (((6! \times 5)/4) \times 3!) - 2) - 1 \\
 287701 &:= 1 - (2 \times ((3 - 4! \times 5!) \times (67 - (8 + 9)))) &= (((9 + 8!) \times 7) + (((6! \times 5)/4) \times 3!) - 2) \times 1 \\
 287702 &:= 1 \times ((2 \times ((3!! - 4) - 5^6)) - ((7! - 8!) \times 9)) &= (((9 + 8!) \times 7) + (((6! \times 5)/4) \times 3!) - 2) + 1 \\
 287703 &:= (1 + (2 \times ((3!! - 4) - 5^6))) - ((7! - 8!) \times 9) &= (((9 \times 8) + 7 \times 6!) \times 5) + (4^{3^2}) - 1 \\
 287704 &:= (1 + (2 \times (3! \times (4 \times (5! - (6 - 7!)))))) + (8! - 9) &= (((9 \times 8) + 7 \times 6!) \times 5) + (4^{3^2}) \times 1 \\
 287705 &:= 1 \times 2 + (((3!! \times 45)/6) + (7 \times (8! + 9))) &= (((9 \times 8) + 7 \times 6!) \times 5) + (4^{3^2}) + 1 \\
 287706 &:= 1 - (((2 + 3!) \times (4! + (5 - 6!))) - (7 \times (8! - 9))) &= 9 \times 8 - (7! - (6 \times (((5 + 4!)^3) \times 2) + 1)) \\
 287707 &:= (((1 + 2)! \times 3!^4) - 5) - (6^7 \times (8 - 9)) &= 9 + (((8!/7) - 6) \times (5 \times (4 + 3!))) - (2 \times 1) \\
 287708 &:= 1 - (2 - (3 \times (((4! - 5) \times ((6! \times 7) + 8)) - 9))) &= 9 + 8! + (((7! - (6 - 5!)) \times 4!) - 3!) \times 2 - 1 \\
 287709 &:= (1 \times 2 \times (3 + (4! \times (5! - 6)))) + (7 \times 8! - 9) &= (9 \times (8! - 7!)) + (((6! - ((5!/4!)^{3!}) \times 2) - 1) \\
 287710 &:= (1 + (2 \times (3 + (4! \times (5! - 6)))))) + (7 \times 8! - 9) &= 9 + 8! + (((7! - (6 - 5!)) \times 4!) - 3!) \times 2 + 1 \\
 287711 &:= 1 \times 2 + (3 \times (((4! - 5) \times ((6! \times 7) + 8)) - 9)) &= (9 \times (8 \times 7! - 6^5)) - (((4! \times 3)^2) + 1) \\
 287712 &:= (1 \times 2 \times 3!^4) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 \times (8! - 7!)) - (((6!/5!)^4) \times ((3! - 2)! - 1)) \\
 287713 &:= (1 + (2 \times 3!^4)) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 \times (8 \times 7! - 6^5)) - (((4! \times 3)^2) - 1) \\
 287714 &:= (1 + (((2 - (3 - 4)))!^5) + 6^7)) - (8 - 9) &= 9 + 8! + (((7! - (6 - 5!)) \times 4!) - 3) \times 2 - 1 \\
 287715 &:= (1 \times 2 \times (3! + (4! \times (5! - 6)))) + (7 \times 8! - 9) &= 9 + 8! + (((7! - (6 - 5!)) \times 4!) - 3) \times 2 \times 1 \\
 287716 &:= (1 + (2 \times (3! + (4! \times (5! - 6)))))) + (7 \times 8! - 9) &= 9 + 8! + (((7! - (6 - 5!)) \times 4!) - 3) \times 2 + 1 \\
 287717 &:= (1 + ((2 \times 3!!)/4)) \times (((5! - 6) \times 7) + (8 - 9)) &= 98 - (((7! + 6) \times ((5 - 4!) \times 3)) + (2 + 1)) \\
 287718 &:= (1 \times 2 \times ((3!! + 4) - 5^6)) - ((7! - 8!) \times 9) &= (9 + ((8 + 7 \times 6) \times ((5! \times 4!) - 3))) \times 2 \times 1 \\
 287719 &:= (1 + (2 \times ((3!! + 4) - 5^6))) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7) + 6!) - (5! - (4^{3!} + (2 + 1)!)) \\
 287720 &:= 1 \times ((2 \times (3!! + 4)) + (56 \times (7! + 8 \times 9))) &= (9 \times ((8 + 7!) \times 6)) + (((5 \times 4!) + 3)^2) - 1 \\
 287721 &:= (((1 + 2)!^{3!}/4!) + (5 \times 6! + (7 \times (8! - 9)))) &= ((9 + 8! \times 7) + (6^5)) - ((4!^3)/(2 + 1)! \\
 287722 &:= (1 + (2 \times (3! \times (4 \times (5! - (6 - 7!)))))) + (8! + 9) &= (9 \times ((8 + 7!) \times 6)) + (((5 \times 4!) + 3)^2) + 1 \\
 287723 &:= 1 - ((2 \times ((3 + 4)!)) - (5^6 + (7 \times (8! - 9)))) &= 98 - (((7! + 6) \times ((5 - 4!) \times 3)) - 2 - 1) \\
 287724 &:= (((1 + 2)! \times 3!^4) - (5 - (6^7 + 8))) + 9 &= (9 + 8! \times 7) + (((6!/5 + 4) - 3!)^2) - 1 \\
 287725 &:= (((1 + 2)! \times (3!^4 + 5)) + 6^7) - (8 + 9) &= (9 + 8! \times 7) + (((6!/5 + 4) - 3!)^2 \times 1) \\
 287726 &:= ((12 \times 3!^4) + 5) + ((6 \times (7! + 8!)) + 9) &= 9 + 8! + (((7! - (6 - 5!)) \times 4!) + 3) \times 2 - 1 \\
 287727 &:= (1 \times 2 \times (3 + (4! \times (5! - 6)))) + (7 \times 8! + 9) &= 9 + 8! + (((7! - (6 - 5!)) \times 4!) + 3) \times 2 \times 1 \\
 287728 &:= (1 + (2 \times (3 + (4! \times (5! - 6)))))) + (7 \times 8! + 9) &= 9 + 8! + (((7! - (6 - 5!)) \times 4!) + 3) \times 2 + 1 \\
 287729 &:= (1 \times 2 - 3!!) + ((4^5 \times 6) + (7 \times (8! + 9))) &= (9 + (8! \times 7 + 6!)) + (((5 + 4^3)^2) - 1) \\
 287730 &:= ((1 + 2) - 3!!) + ((4^5 \times 6) + (7 \times (8! + 9))) &= (9 - (((8 - (7! + 6!)) \times 5) - 4)) \times (3^2 + 1) \\
 287731 &:= (1 - 2 \times 3!!) + (((45 + 6) \times 7!)/8) \times 9 &= (9 + 8! \times 7) + (6! + (((5 + 4^3)^2) + 1)) \\
 287732 &:= (-1 + ((2 \times (3! + (4! \times (5! - 6)))) + 7 \times 8!)) + 9 &= 9 + 8! + (((7! - (6 - 5!)) \times 4!) + 3!) \times 2 - 1 \\
 287733 &:= 1 \times ((2 \times (3! + (4! \times (5! - (6 - 7!)))))) + 8! + 9 &= (((9 \times 8) + 7! + 6) \times 5) + ((4^{3^2}) - 1) \\
 287734 &:= (1 + (2 \times (3! + (4! \times (5! - 6)))))) + (7 \times 8! + 9) &= 9 + 8! + (((7! - (6 - 5!)) \times 4!) + 3!) \times 2 + 1
 \end{aligned}$$

$$\begin{aligned}
 287735 &:= (((1 + 2^{3!}) \times 4! \times 5) + 6^7) + (8 - 9) &= (9 + (((8 \times 7! + 6!)/5) + 4)) \times (3!^2 - 1) \\
 287736 &:= ((1 + 2^{3!}) \times 4! \times 5) - (6^7 \times (8 - 9)) &= (9 - ((8 - (7 \times (6! + 5!))) \times ((4 + 3)^2))) - 1 \\
 287737 &:= 1 - ((2 + 3!) \times (((4 - 5!) \times 6) + (7! - 8! + 9))) &= (((9 \times 8) + 7) \times (6! \times 5 + 4!)) + (3!! \times 2 + 1) \\
 287738 &:= ((-1 + 2^{3!}) \times 4567) + (8 + 9) &= ((9 + 8!) \times 7) + (((6! \times 5 + 4!) \times 3)/2) - 1 \\
 287739 &:= (12 \times 3!^4) - ((5 - (6 \times 7! + 8)) \times 9) &= (9 \times ((8! + ((7 + 6!) \times 5!))/4)) + (3^{(2+1)!}) \\
 287740 &:= 1 - ((2 \times (3! + ((4! \times (5 + 6! - 7!)) - 8!))) + 9) &= 9 + 8! + ((7 - (6 \times 5!)) \times (((4! - 3!)/2) + 1)) \\
 287741 &:= 1 \times (2 + ((3 + 4!) \times (5^6 - (7! - 8 \times 9)))) &= ((9 \times ((8 + 7!) \times 6)) + 5 + 4!) + (3!! \times 21) \\
 287742 &:= 1 - (((2 \times (3!! \times 4) - 5) \times (6 - (7 \times 8))) + 9) &= ((9 + 8) + (7^{(6-5) \times 4})) \times (((3 + 2)! - 1) \\
 287743 &:= (((1 + 2!) \times (3!^4 + 5)) + 6^7) - (8 - 9) &= ((9 - (8 - 7))^{6}) + (((5! \times 4)/3)^2) - 1 \\
 287744 &:= (((1 + 2!) + 3!) \times 4^5) + (6^7 - 8!/9) &= ((9 - (8 - 7))^{6}) + (((5! \times 4)/3)^2 \times 1) \\
 287745 &:= (1 + ((2 \times 3!) \times 4^5)) + (6^7 - 8!/9) &= ((9 - (8 - 7))^{6}) + (((5! \times 4)/3)^2 + 1) \\
 287746 &:= ((1 + (2 \times (3!! \times 4 - 5!))) - (6 - (7 \times 8!))) - 9 &= 9 - (((8 + 7!) \times ((6 - 54) - 3^2)) - 1) \\
 287747 &:= 1 - (2 + (3 \times (4 - ((5! \times 6!) + (7! + 8!/9)))) &= 9 - (((8 + 7 \times 6!) \times ((5 - 4!) \times 3)) - (2 \times 1)) \\
 287748 &:= 1 \times (2 \times (3 - ((4! \times (5 + 6! - 7!)) - 8! + 9))) &= 9 - (((8 + 7 \times 6!) \times ((5 - 4!) \times 3)) - 2 - 1) \\
 287749 &:= 1 + (2 \times (3 - ((4! \times (5 + 6! - 7!)) - 8! + 9))) &= 9 + (((8!/7) - 6) \times 5) + 4 \times (3^2 + 1) \\
 287750 &:= 1 \times 2 - (3 \times (4 - ((5! \times 6!) + (7! + 8!/9)))) &= 9 - (((8 + (7 + 6)) \times (5! - ((4^3) - 2))) + 1) \\
 287751 &:= ((1 - ((2 + 3!) \times (4 - 5!))) \times 6) + (7 \times (8! - 9)) &= 9 - 8 + ((7! + (6! - 5)) \times (((4 + 3)^2) + 1)) \\
 287752 &:= (1 + (((2^{3!}) - 4!) \times 5!)) + (6! + 7 \times 8! - 9) &= (9 + (((8!/7!)^6) + (((5! \times 4)/3)^2))) - 1 \\
 287753 &:= (((1 + 2^{3!}) \times 4! \times 5) + 6^7) + (8 + 9) &= (9 + (((8!/7!)^6) + (((5! \times 4)/3)^2))) \times 1 \\
 287754 &:= 1 \times (2 \times (3! - ((4! \times (5 + 6! - 7!)) - 8! + 9))) &= (9 + (((8!/7!)^6) + (((5! \times 4)/3)^2))) + 1 \\
 287755 &:= 1 + (2 \times (3! - ((4! \times (5 + 6! - 7!)) - 8! + 9))) &= ((9 \times (8 \times (7 \times 6))) + 5) \times ((4 \times (3! - 2)! - 1) \\
 287756 &:= 1 \times ((2 \times (((3!! \times (4! + 5)) - 6) \times 7)) - 8!/9) &= (9 + 8! \times 7) - (((6 + 5!) - (4 \times 3!)) \times 2) + 1 \\
 287757 &:= 1 + ((2 \times (((3!! \times (4! + 5)) - 6) \times 7)) - 8!/9) &= (9 + 8! \times 7) - (((6 + 5!) - (4 \times 3!)) \times 2 \times 1) \\
 287758 &:= 1 \times ((2 \times ((3!! + 4!) - 5^6)) - ((7! - 8!) \times 9)) &= (9 + 8! \times 7) - (((6 + 5!) - (4 \times 3!)) \times 2) - 1 \\
 287759 &:= 1 + ((2 \times ((3!! + 4!) - 5^6)) - ((7! - 8!) \times 9)) &= 9 - ((8 + 7 \times 6) \times (5 - ((4 + 3)! + (2 + 1)!))) \\
 287760 &:= 1 + (((2 \times (3!! \times 4) - 5) \times (6 \times 7 + 8)) + 9) &= 9 - (((8 + 7 \times 6) \times (5 - (4 \times 3!! \times 2))) - 1) \\
 287761 &:= (1 - ((2 \times (3!! \times (4 + 5!)))/6)) - ((7! - 8!) \times 9) &= 9 - (8 \times (7! - (6! - ((5!/4) - ((3! + 2)! - 1)))) \\
 287762 &:= 1 \times 2 + (3 \times ((4! \times (5 \times 6!)) + (7! + 8!/9))) &= ((9 + 8!) \times 7) - (((6 - 5!) \times 4!) + 3!) \times 2 + 1) \\
 287763 &:= ((1 - (2 \times (3! - ((4! + 5) \times 6!)))) \times 7) - 8!/9 &= ((9 + 8!) \times 7) - (((6 - 5!) \times 4!) + 3!) \times 2 \times 1) \\
 287764 &:= (1 + ((2 \times (3!! \times 4 - (5! - 6!))) + 7 \times 8!)) - 9 &= ((9 + 8!) \times 7) - (((6 - 5!) \times 4!) + 3!) \times 2 - 1) \\
 287765 &:= 1 \times (2 + ((3 + 4) \times (((5! - 6) \times 7) + 8! - 9))) &= (-9 \times (8! - ((7! + ((6^5 \times 4) + 3)) \times 2))) - 1 \\
 287766 &:= 1 \times (((2 \times (3 + (4! + (5! + 6! - 7!)))) + 8!) \times 9) &= (9 \times (8 - (((7! + 6) \times (5 - 4!))/3!))) \times 2 \times 1 \\
 287767 &:= 1 + (((2 \times (3 + (4! + (5! + 6! - 7!)))) + 8!) \times 9) &= ((9 + 8) \times ((7!/6!)^5)) + (4^{3!}/2 \times 1) \\
 287768 &:= (1 + (23 \times ((4 + (5! \times (6 + 7))) \times 8))) - 9 &= ((9 + 8!) \times 7) - (((6 - 5!) \times 4!) + 3) \times 2 + 1) \\
 287769 &:= 1 - ((2 + 3!) \times (4 \times 5 - (6! - (7! - 8! + 9)))) &= ((9 + 8! \times 7) - 6!) + (5! \times (4 \times (3! \times 2 + 1))) \\
 287770 &:= (1 + (((2^{3!}) - 4!) \times 5!)) + (6! + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - (((6 - 5!) \times 4!) + 3) \times 2 - 1) \\
 287771 &:= (1 + (((2 + 3!) + (4! + (5! + 6))) \times 7)) + 8!/9 &= ((9 + (8! + (((7! - (6! + 5)) \times 4!) - 3))) \times 2) - 1 \\
 287772 &:= ((1 + 2) \times (3!! + 4)) + ((5 \times 6) \times (7! + 8!/9)) &= ((9 + (8! + (((7! - (6! + 5)) \times 4!) - 3))) \times 2) \times 1 \\
 287773 &:= 1 - (2 \times ((3 + (4! \times (5 + 6! - 7!))) - 8! - 9)) &= ((9 + (8! + (((7! - (6! + 5)) \times 4!) - 3))) \times 2) + 1
 \end{aligned}$$

$$\begin{aligned}
 287774 &:= 1 \times (2 + (3 \times (4 + ((5! \times 6!) + (7! + 8!/9)))))) &= (9 \times ((8! + 7) - 6^5)) - (((4! \times 3!)^2) + 1) \\
 287775 &:= (1 + (2 \times ((3^4 + 5!) \times (6! + 7)))) - 8!/9 &= (9 + 8! \times 7 + 6) - ((5! - (4 \times 3!)) \times 2 \times 1) \\
 287776 &:= (1 + (2 \times (3!! \times 4 - 5!))) + (6 + (7 \times 8! + 9)) &= (9 \times ((8! + 7) - 6^5)) - (((4! \times 3!)^2) - 1) \\
 287777 &:= 1 \times (((2 + 3!)! - (4! + (5 - 6! + 7!)) \times 8) + 9) &= (9 + 8! \times 7) + (((6! - (5 + 4!)) \times (3! + 2 \times 1)) \\
 287778 &:= 1 + (((2 + 3!)! - (4! + (5 - 6! + 7!)) \times 8) + 9) &= (9 + 8! \times 7) + (((6! - (5 + 4!)) \times (3! + 2)) + 1) \\
 287779 &:= 1 - (2 \times ((3! \times (4 \times (5 + 6! - 7!))) - 8! - 9)) &= 9 + (((8! \times 7) - 6!) + ((5^4) \times (3^2 + 1))) \\
 287780 &:= ((1 - (2 \times (3!! + 4!))) \times (5!/6)) - ((7! - 8!) \times 9) &= ((9 + 8!) \times 7) - (((((6 - 5!) \times 4!) - 3) \times 2) + 1) \\
 287781 &:= 1 \times ((2 \times (3 + (4! \times (5! - 6)))) + (7 \times (8! + 9))) &= (9 + (8! \times 7 + ((6 - (5! - (4 \times 3!))) \times 2))) \times 1 \\
 287782 &:= (1 + ((2 \times (3!! \times 4 - (5! - 6))) + 7 \times 8!)) + 9 &= ((9 + 8!) \times 7) - (((((6 - 5!) \times 4!) - 3) \times 2) - 1) \\
 287783 &:= 1 - (2 - ((3 + 4) \times ((5! \times 6!) - ((7! - 8) \times 9)))) &= (((9 + 8!) \times 7) + 6!) + (((5 + 4^3)^2) - 1) \\
 287784 &:= (((1 \times 2 + 3!)! - (4! - 5!)) \times 6) + ((7! - 8) \times 9) &= (((9 + 8!) \times 7) + 6!) + ((5 + 4^3)^2 \times 1) \\
 287785 &:= (1 + (((2 + 3!)! - (4! - 5!)) \times 6)) + ((7! - 8) \times 9) &= ((9 + 8!) \times 7) + (6! + (((5 + 4^3)^2) + 1)) \\
 287786 &:= (1 - ((2 + 3!) \times (4! - (5 + 6!)))) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) - (((((6 - 5!) \times 4!) - 3!) \times 2) + 1) \\
 287787 &:= 1 \times ((2 \times (3! + (4! \times (5! - 6)))) + (7 \times (8! + 9))) &= ((9 + 8!) \times 7) - (((((6 - 5!) \times 4!) - 3!) \times 2 \times 1) \\
 287788 &:= (1 + (2 \times (3! + (4! \times (5! - 6)))) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) - (((((6 - 5!) \times 4!) - 3!) \times 2) - 1) \\
 287789 &:= 1 - (((2 - 3^4) \times ((5 \times (6! + 7)) + 8)) + 9) &= ((9 \times ((8! - 7) - 6^5)) - 4) - ((3! + (2 - 1)))! \\
 287790 &:= (((1 + (2 + 3!)!) - (4! - 5!)) \times 6) + ((7! - 8) \times 9) &= (9 + (8! \times 7 + 6!)) + (5 + (4^{3!} + (2 + 1)!)) \\
 287791 &:= 1 - (2 \times (3 + ((4! + 5) \times (6 - (7! - 8 \times 9)))))) &= (9 \times ((8! - 7) - 6^5)) - (((4 + 3!)! + 2 \times 1) \\
 287792 &:= 1 - (2 - (3 \times ((4! - 5) \times (((6 - (7 - 8)))! + 9)))) &= (9 + ((8! + 7!) \times 6)) + (((5!/4!)^{3!}) - (2 \times 1)) \\
 287793 &:= (((1 + 2)!^{3!})/4!) + (5 \times 6! + (7 \times 8! + 9)) &= (9 + (8!/(7!/6))) \times ((5 + 4) + ((3! + (2 - 1)))!) \\
 287794 &:= ((-1 + (2 \times (3 - 4!))) \times (5 - (6! + 7!))) + (8! + 9) &= 9 - (((8 + (7 + 6)) \times (5! - 4!^3)) - (2 - 1)) \\
 287795 &:= 1 \times (2 + (3 \times ((4! - 5) \times (((6 - (7 - 8)))! + 9)))) &= (9 + ((8! + 7!) \times 6)) + (((5!/4!)^{3!}) + (2 - 1)) \\
 287796 &:= 1 \times ((2 - (3 \times (4 \times 5))) \times (6 - (7! - 8 \times 9))) &= (9 + ((8! + 7!) \times 6)) + (((5!/4!)^{3!}) + 2 \times 1) \\
 287797 &:= 1 + ((2 - (3 \times (4 \times 5))) \times (6 - (7! - 8 \times 9))) &= ((9 \times ((8! - 7) - 6^5)) + 4) - ((3! + (2 - 1)))! \\
 287798 &:= 1 \times (((2 \times (3!! \times (4! + 5))) - 6) \times 7) - 8!/9 &= (((9 \times 8) + 7) \times (6! \times 5 + 43)) + (2 - 1) \\
 287799 &:= 1 + (((2 \times (3!! \times (4! + 5))) - 6) \times 7) - 8!/9 &= (9 \times 8 \times 7) + (((6! - 5!) - 4^3)^2) - 1) \\
 287800 &:= (1 - (((2 + 3!) \times ((4 - 5!) \times 6)) - (7 \times 8!))) - 9 &= (9 \times 8 \times 7) + (((6! - 5!) - 4^3)^2 \times 1) \\
 287801 &:= (1 + ((2^{3!} \times (4 + 5!)) + 6^7)) - 8 \times 9 &= (9 \times 8 \times 7) + (((6! - 5!) - 4^3)^2) + 1) \\
 287802 &:= 1 \times (2 \times (3 - ((4! + 5) \times (6 - (7! - 8 \times 9)))))) &= (9 + 8 - ((7 \times 6) \times ((5! - 4!^3)/2))) + 1) \\
 287803 &:= 1 - (((2 \times (3!^4 - 5)) + (6! + 7! - 8!)) \times 9) &= (((9 + 8! \times 7)/(6 + 5)) + (4^{3^2})) \times 1) \\
 287804 &:= -1 + ((2 + 3) \times ((4! \times (5 + 6! - 7)) + 8! + 9)) &= 9 + (((8 - (7!/6 - 5)) \times ((4! - 3!)/2)) - 1) \\
 287805 &:= ((1 - (2 \times (3 - ((4! + 5) \times 6!)))) \times 7) - 8!/9 &= 9 + ((8 - (7!/6 - 5)) \times ((4! - 3!)/2 \times 1)) \\
 287806 &:= 1 + ((2 + 3) \times ((4! \times (5 + 6! - 7)) + 8! + 9)) &= 9 + (((8 - (7!/6 - 5)) \times ((4! - 3!)/2)) + 1) \\
 287807 &:= 1 - (((2 - 3^4) \times ((5 \times (6! + 7)) + 8)) - 9) &= ((9 + 8) \times ((7!/6!)^5)) - ((4! - 3!) \times (2 + 1)) \\
 287808 &:= (((1 + 2^{3!}) \times 4! \times 5) + 6^7) + 8 \times 9 &= 9 + 8 - (7 \times (((6 \times (5! - 4!^3))/2) - 1)) \\
 287809 &:= (1 + 2^{3!} \times 4!) + (56 \times (7! + 8 \times 9)) &= (9 + 8! \times 7) + (((6! + 5) \times 4!) - 3!)/(2 + 1)) \\
 287810 &:= ((1 + 2 \times 3! \times 4) \times (5 + 6 + 7!)) + (8! - 9) &= ((9 + 8!) \times 7) - (((6 + 5!) - (4 \times 3!)) \times 2) + 1) \\
 287811 &:= (((1 + 2)! \times (3^4 \times 5)) - (((6 \times 7!)/8) + 9) &= ((9 + 8!) \times 7) - (((6 + 5!) - (4 \times 3!)) \times 2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 287812 &:= (1 + (2 \times (3!! \times 4))) - (5! + (6 - (7 \times (8! - 9)))) &= ((9 + 8!) \times 7) - (((6 + 5!) - (4 \times 3!!)) \times 2) - 1 \\
 287813 &:= (((1 + 2) \times 3!! + 4) \times (5! + (6 + 7))) - 8) + 9 &= (9 - (8 \times 7)) + ((6^5 + 4) \times (3!^2 + 1)) \\
 287814 &:= (((1 + 2)! \times (3!^4 + 5)) + 6^7) + 8 \times 9 &= (9 \times (8! - (7! - 6))) - ((5! + 4) \times (3!! / (2 + 1))) \\
 287815 &:= (((1 + 2 \times 3!!) \times 4) - 5!) - (6 - (7 \times (8! - 9))) &= (9 + ((8! + 7!) \times 6)) + (((5! / 4!)^{3!}) + 21) \\
 287816 &:= 1 - (2 - (((3 + 4)! - (5! - (6! + (7 \times (8! - 9)))))) &= (((9 + 8!) \times 7) - 6) - (((5! - (4 \times 3!!)) \times 2) + 1) \\
 287817 &:= ((1 + 2 \times 3! \times 4) \times (5! - 6)) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6) - ((5! - (4 \times 3!!)) \times 2 \times 1) \\
 287818 &:= (1 - (((2 + 3!) \times ((4 - 5!) \times 6)) - (7 \times 8!))) + 9 &= (((9 + 8!) \times 7) - 6) - (((5! - (4 \times 3!!)) \times 2) - 1) \\
 287819 &:= 1 \times ((2 + ((3 + 4)! - (5! - (6! + (7 \times (8! - 9)))))) &= 9 + ((8! \times 7) - (((6 - (5^4)) \times (3^2)) + 1)) \\
 287820 &:= ((1 + 2) \times (((3 \times 4) + 5!) \times (6! + 7))) - 8 \times 9 &= (9 \times ((8! - 7!) - (6^5 + 4))) + (3! + 2 \times 1!) \\
 287821 &:= 1 \times ((23^4) + ((5! - 6) \times (7! / (8 \times 9)))) &= 9 + ((8! \times 7) - (((6 - (5^4)) \times (3^2)) - 1)) \\
 287822 &:= (1 + (23^4)) + ((5! - 6) \times (7! / (8 \times 9))) &= (((9 + 8!) \times 7) + 6!) + ((5! \times (4 + 3!^2)) - 1) \\
 287823 &:= ((1 - ((2 + 3!) \times (4 - 5!))) \times 6) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) - 6!) + (5! \times (4 \times (3! \times 2 + 1))) \\
 287824 &:= (1 + (2 \times (3!! \times 4))) - (5! - (6 + (7 \times (8! - 9)))) &= 9 - (8 - (((7 + (6^5)) - 4) \times (3!^2 + 1))) \\
 287825 &:= (((1 + (2 + 3!))! - (((4 - 5!) \times 6) + 7!)) \times 8) + 9 &= 9 - (8 \times (7! - (6 \times 5! - (4! - ((3! + 2)! + 1)))))) \\
 287826 &:= 1 \times 2 \times (((3!! \times 4! - (5 - (6! - 7))) \times 8) + 9) &= ((9 + 8) \times (((7! / 6!)^5) + (4 + ((3 + 2)!))) - 1 \\
 287827 &:= (((1 + 2 \times 3!!) \times 4) - (5! - 6)) + (7 \times (8! - 9)) &= 9 - 8 - ((7 \times 6) \times (((5! - 4!^3) / 2) - 1)) \\
 287828 &:= ((1 + 2 \times 3! \times 4) \times (5 + 6 + 7!)) + (8! + 9) &= (((9 + 8!) \times 7) + (6 - ((5! - (4 \times 3!!)) \times 2))) - 1 \\
 287829 &:= (1 - (2 \times (3! - ((4! + 5) \times 6! \times 7)))) - 8! / 9 &= (((9 + 8!) \times 7) + (6 - ((5! - (4 \times 3!!)) \times 2))) \times 1 \\
 287830 &:= (1 + (2 \times (3!! \times 4 - 5!))) + (6 + (7 \times (8! + 9))) &= 9 + (((8! + ((7! + (6! - 5)) \times (4! - 3!))) \times 2) + 1) \\
 287831 &:= 1 \times (((((2 + 3!)! - (4 \times 5 - 6! + 7!)) \times 8) - 9) &= ((9 \times ((8! - 7!) - 6^5)) - 4!) + ((3! + 2)! - 1) \\
 287832 &:= 1 + (((((2 + 3!)! - (4 \times 5 - 6! + 7!)) \times 8) - 9) &= ((9 + 8!) \times 7) + (((6! - (5 + 4!)) \times (3! + 2)) + 1) \\
 287833 &:= ((1 + 2 \times 3!)^4) + (((5 \times (6! + 7!)) + 8) \times 9) &= ((9 + 8!) \times 7) - (6! - ((5^4) \times (3^2 + 1))) \\
 287834 &:= 1 \times 2 + ((3!! - 4) \times (5! + (6 \times ((7 \times 8) - 9)))) &= (((9 - (8 \times 7)) \times 6) - 5!) \times (4 - 3!!) + (2 \times 1) \\
 287835 &:= 1 - ((2 \times (3 - ((4! + 5) \times 6! \times 7))) + 8! / 9) &= (((9 \times 8) - ((7! + 6) \times (5 - 4!))) \times 3) - 2) - 1 \\
 287836 &:= (1 + (2 \times (3!! \times 4 - (5! - 6)))) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + (((6 - (5! - (4 \times 3!!)) \times 2) + 1) \\
 287837 &:= 1 - (2 - (3 \times (((4! - 5) \times (6 + 7!)) + 8 \times 9))) &= (((9 \times 8) - ((7! + 6) \times (5 - 4!))) \times 3) - 2) + 1 \\
 287838 &:= 1 \times 2 \times (((3! - 4!) \times (5 - (6! + 7!))) + 8! + 9) &= (9 + (8! + ((7! + (6! - 5)) \times (4! - 3!)))) \times 2 \times 1 \\
 287839 &:= 1 \times (((((2 + 3!)! - (4! - (5 + 6! - 7!))) \times 8) - 9) &= ((9 + 8!) \times 7) + ((6 \times 5!) + (4^{3!} + (2 + 1)!)) \\
 287840 &:= 1 + (((((2 + 3!)! - (4! - (5 + 6! - 7!))) \times 8) - 9) &= (9 + 8! - (7! - (6! - (5 + 4!)))) \times (3! + 2 \times 1) \\
 287841 &:= (1 + (2 + 3!))! + ((4 \times 5 + 6) \times (7! + 8! / 9)) &= (((9 + (8! + 7!)) \times 6) + ((5! / 4!)^{3!})) + (2 \times 1) \\
 287842 &:= 1 \times 2 - (((3 \times (4 - 5!)) / 6) \times 7!) + 8! / 9) &= (((9 + 8) \times ((7! + (6! - (5! - 4))) \times 3)) - 2) \times 1 \\
 287843 &:= (1 + 2) - (((3 \times (4 - 5!)) / 6) \times 7!) + 8! / 9) &= (((9 + 8) \times ((7! + (6! - (5! - 4))) \times 3)) - 2) + 1 \\
 287844 &:= (1 + 2)! + (3 \times (((4! - 5) \times (6 + 7!)) + 8 \times 9)) &= ((9 \times 8 \times 7) - 6) \times (((5! - 4!) \times 3!) + 2 \times 1) \\
 287845 &:= 1 - (((2 + 3!!) - (4! + 5!)) \times (6 - (7 \times 8 \times 9))) &= (((9 + 8) \times ((7! + (6! - (5! - 4))) \times 3)) + 2) - 1 \\
 287846 &:= (1 + 2)! - (((3 \times (4 - 5!)) / 6) \times 7!) + 8! / 9) &= (((9 + 8) \times ((7! + (6! - (5! - 4))) \times 3)) + 2) \times 1 \\
 287847 &:= 1 \times (((((2 + 3!)! - (4! - 5!)) \times 6) + (7! + 8! - 9)) &= (9 + (8! - 7) \times 6) + (5! \times (4! + (3!! / 2 - 1))) \\
 287848 &:= (1 + (((2 + 3!)! - (4! - 5!)) \times 6)) + (7! + 8! - 9) &= (9 + 8! \times 7) + (((6! - 5 \times 4) \times (3! + 2)) - 1) \\
 287849 &:= 1 - ((2 \times ((3 + 4)! - (5^6 + (7 \times (8! + 9)))) &= (9 - (8 \times (7! - (6! - ((5 \times 4) - (3! + 2)!)))) \times 1 \\
 287850 &:= (1 - (((2 + 3!) \times (4 \times 5 - 6!)) - (7 \times 8!))) + 9 &= (9 + 8! \times 7) + (((6! - 5 \times 4) \times (3! + 2)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 287851 &:= 1 \times ((23^4) + (((5! + 6) \times 7) + 8) \times 9) &= ((9 \times ((8! - 7!) - 6^5)) - 4) + ((3! + 2)! - 1) \\
 287852 &:= 1 \times ((2 \times (3! + ((4! + 5) \times 6! \times 7))) - 8! / 9) &= ((9 \times ((8! - 7!) - 6^5)) - 4) + (3! + 2 \times 1)! \\
 287853 &:= (1 + (2 \times (3! + ((4! + 5) \times 6! \times 7)))) - 8! / 9 &= ((9 \times ((8! - 7!) - 6^5)) - 4) + ((3! + 2)! + 1) \\
 287854 &:= (((1 - 2) + ((3 + 4)!) \times 56) + ((7! / 8) \times 9) &= (9 \times ((8! - 7!) - 6^5)) + ((4! / 3!) - (2 \times 1)) \\
 287855 &:= (((1 + 2)!^{3!}) + (4 \times 5!)) \times 6 + (7! + (8 - 9)) &= (9 \times (8! - 7!)) - ((6^5 \times 4) - (3!! \times 2 - 1)) \\
 287856 &:= 1 \times (2 \times (((3! + (4! - 5)) \times (6! + 7!)) - 8 \times 9)) &= (9 \times (8! - 7!)) + (6 \times (5! - (4! + ((3! + (2 - 1))!))) \\
 287857 &:= 1 + (2 \times (((3! + (4! - 5)) \times (6! + 7!)) - 8 \times 9)) &= (9 \times (8! - 7!)) - ((6^5 \times 4) - (3!! \times 2 + 1)) \\
 287858 &:= (1 - ((2 + 3!) \times (4! - (5 + 6!)))) + (7 \times 8! + 9) &= (9 + 8! \times 7) + (((6! + (5 - 4!)) \times (3! + 2)) + 1) \\
 287859 &:= (1 + 2 \times 3!) \times ((4 \times (5^6 - 7)) - 8! - 9) &= ((9 \times ((8! - 7!) - 6^5)) + 4) + ((3! + 2)! - 1) \\
 287860 &:= 1 - (((2 + 3) - 4!) \times ((5 \times (6 - 7!)) + 8!)) - 9) &= ((9 \times ((8! - 7!) - 6^5)) + (4 + (3! + 2)!)) \times 1 \\
 287861 &:= 1 - ((2 + (3 \times 4!)) \times (5 \times 6 + ((7! - 8!) / 9))) &= (9 + 8! \times 7) - (6! / 5 - (4 \times (3!! \times 2 - 1))) \\
 287862 &:= (1 + 2) \times (34 + ((5! \times 6!) + (7! + 8! / 9))) &= (9 \times ((8! - 7!) - 6^5)) + ((4! / 3!) + (2 + 1)!) \\
 287863 &:= (((1 + 2)!^3) \times 4!) + ((56 \times (7! + 8)) - 9) &= 9 \times 8 - (7 \times (((6 \times (5! - 4!^3)) / 2) - 1)) \\
 287864 &:= 1 - (((2 + (3!! \times 45)) - 6^7) - 8! - 9) &= (9 + 8! \times 7) + (((6! - (5! - 4!)) \times (3^2)) - 1) \\
 287865 &:= (((1 \times 2 + 3!)! - (4! - 5!)) \times 6) + (7! + 8! + 9) &= (9 + (8! + 7!)) + (6 \times (5! - (4! - (3! + 2 \times 1)!))) \\
 287866 &:= (1 + (2 \times (3!! \times 4))) - (5! + (6 - (7 \times 8! - 9))) &= (9 + 8! \times 7) + (((6! - (5! - 4!)) \times (3^2)) + 1) \\
 287867 &:= 1 \times (((2 - (3!! \times 45)) + 6^7) + 8! + 9) &= 9 + (((8! \times 7) - 6) + ((5^4) \times (3^2))) - 1) \\
 287868 &:= (1 + 2)! \times (((3!! - 4!) \times (5 + 6)) - (7 - 8! - 9)) &= (((9 + 8! \times 7) - 6) + ((5^4) \times (3^2))) \times 1 \\
 287869 &:= (((1 + 2 \times 3!!) \times 4) - 5!) - (6 - (7 \times 8! - 9)) &= (((9 + 8! \times 7) - 6) + ((5^4) \times (3^2))) + 1 \\
 287870 &:= 1 \times (2 \times (((3!! \times (4! - 5 + 6)) - 7) \times 8) - 9) &= 9 + ((8 - 7) + ((6^5 + 4) \times (3!^2 + 1))) \\
 287871 &:= 1 - ((2 - ((3!! \times 4!) / 5)) - (6^7 + 8! / 9)) &= (9 + (8! + 7!)) + (6 \times (5! - (4! - ((3! + 2)! + 1)))) \\
 287872 &:= (1 - ((2 + 3!) \times ((4 - 5!) \times 6))) + (7 \times (8! + 9)) &= 9 - ((8 \times (7 - ((6! - (5 - (4! \times 3!))) \times 2))) + 1) \\
 287873 &:= (1 + (2^{3!} \times (4 + 5!))) - (6^7 \times (8 - 9)) &= ((9 + 8!) \times 7) - (((6 - (5^4)) \times (3^2)) + 1) \\
 287874 &:= 1 \times ((2 + ((3!! \times 4!) / 5)) + (6^7 + 8! / 9)) &= 9 - ((8 \times (7 - ((6! - (5 - (4! \times 3!))) \times 2))) - 1) \\
 287875 &:= 1 + ((2 + ((3!! \times 4!) / 5)) + (6^7 + 8! / 9)) &= ((9 + 8!) \times 7) - (((6 - (5^4)) \times (3^2)) - 1) \\
 287876 &:= (1 + (2 \times ((3!! \times (4! + 5!)) - (67 - 8!)))) + 9 &= ((9 \times 8) + 7) \times (6! \times 5 + ((43 + 2) - 1)) \\
 287877 &:= 1 - (2 \times (3! + (4 \times (5 - (6! - (7! - 8! + 9)))))) &= ((9 + 8) \times (((7! + (6! - (5! - 4!)) \times 3) + 2)) - 1) \\
 287878 &:= (1 + (2 \times (3!! \times 4))) - (5! - ((6 + 7 \times 8!) - 9)) &= ((9 + 8) \times (((7! + (6! - (5! - 4!)) \times 3) + 2)) \times 1) \\
 287879 &:= (1 - ((2 + 3!) \times 4) \times (5! / 6 - (7! / 8 - 9)) &= (9 + 8! \times 7) + ((6 + ((5^4) \times (3^2))) - 1) \\
 287880 &:= 1 - ((2 \times (((3! + 4!) \times (5! - 6!)) + 7) \times 8) + 9) &= (9 \times 8 \times (7! - 6!)) - (5! \times ((4! \times (3! + 2)) + 1)) \\
 287881 &:= (1 - ((2 - 3!!) \times 4!)) - ((5! - (6 \times (7! - 8))) \times 9) &= (9 + 8! \times 7 + 6) + (((5^4) \times (3^2)) + 1) \\
 287882 &:= (1 - ((2 + 3!) \times (4 \times (5! - 6!)))) - (7 \times (8 + 9)) &= ((9 + 8! \times 7) - 6) - (5! - ((4 \times 3!! \times 2) - 1)) \\
 287883 &:= (1 + (2 \times ((3 + ((4! + 5) \times 6!)) \times 7))) - 8! / 9 &= ((9 + 8! \times 7) - 6) + (5! \times (4! + ((3! - 2)! - 1))) \\
 287884 &:= (1 + (2 \times (3!! \times 4))) - (5! + (6 - (7 \times 8! + 9))) &= ((9 + 8! \times 7) - 6) - (5! - ((4 \times 3!! \times 2) + 1)) \\
 287885 &:= (((1 + (2 + 3!)!) - 4!) \times 5) + 6! + (7! \times (8 + 9)) &= ((9 + (8! \times 7! / 6!)) - 5!) + (4 \times (3!! \times 2 - 1)) \\
 287886 &:= (1 - (2 \times (3! + (4 \times (5 - 6!)))) + (7 \times (8! - 9)) &= ((9 - (8! + ((7 - 6!) \times (5! + 4)))) \times 3! - ((2 + 1)!!) \\
 287887 &:= 1 - (((2 - (3!! - 4!)) \times 5) - (6^7 + 8! / 9)) &= ((9 + 8! \times 7) - 6) - (5! - (4 \times (3!! \times 2 + 1))) \\
 287888 &:= 1 \times ((2 - (3! + 4)) \times (5 - (6! - (7! - 8! + 9)))) &= ((9 + (8! \times 7! / 6!)) - 5!) + ((4 \times 3!! \times 2) - 1) \\
 287889 &:= ((1 + (2 \times (3 + ((4! + 5) \times 6!)))) \times 7) - 8! / 9 &= ((9 + 8! \times 7) - 6!) + (5! \times ((4! + 3) \times 2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 287890 &:= 1 - (((2 + 3)! \times ((4 \times (5! - 6!)) - (7 - 8))) - 9) &= ((9 + (8! \times 7!/6!)) - 5!) + ((4 \times 3!! \times 2) + 1) \\
 287891 &:= ((1 + 2) \times (((3 \times 4) + 5!) \times (6! + 7))) + (8 - 9) &= (9 + (8! \times 7 + (6 - 5!))) + (4 \times (3!! \times 2 - 1)) \\
 287892 &:= 1 \times 2 \times (3! \times ((4 \times (5! \times (6 \times 7 + 8))) - 9)) &= ((9 + 8! - 7) \times 6) + (5! \times (4! + (3!!/2 - 1))) \\
 287893 &:= 1 - (2 \times (3! \times ((4 \times (5! \times (6 - (7 \times 8)))) + 9))) &= ((9 + (8! \times 7!/6!)) - 5!) + (4 \times (3!! \times 2 + 1)) \\
 287894 &:= 1 \times (2 \times (3 - (4 \times (5 - (6! - (7! - 8! + 9)))))) &= (9 + (8! \times 7 + (6 - 5!))) + ((4 \times 3!! \times 2) - 1) \\
 287895 &:= 1 - ((2 - ((3!! - 4!) \times 5)) - (6^7 + 8!/9)) &= (9 + (8!/((7! - 6!)/5!))) \times ((4^{3!-2}) - 1) \\
 287896 &:= (1 + (2 \times (3!! \times 4))) - (5! - (6 + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! \times 5))) + (4^{3!}/2 - 1) \\
 287897 &:= 1 - ((2 + 3!) \times (4 - ((5! \times 6) - (7! - 8! + 9)))) &= (9 + 8! \times 7) + (6! \times 5 + (4^{3!}/2 \times 1)) \\
 287898 &:= 1 - (((2 \times 3! - 4) \times (5 - 6!)) - (7 \times (8! - 9))) &= (9 + 8! \times 7) + (6! \times 5 + (4^{3!}/2 + 1)) \\
 287899 &:= (((1 + 2 \times 3!!) \times 4) - (5! - 6)) + (7 \times 8! + 9) &= (9 + (8! \times 7 + (6 - 5!))) + (4 \times (3!! \times 2 + 1)) \\
 287900 &:= 1 \times (2 \times (3! - (4 \times (5 - (6! - (7! - 8! + 9)))))) &= 9 + ((8! + ((7 + 6) \times ((5! + (4! - 3!))^2))) - 1) \\
 287901 &:= ((1 - 2^{3!}) \times (4! - (5! - 6))) + (7 \times 8! - 9) &= 9 + (8! + ((7 + 6) \times ((5! + (4! - 3!))^2 \times 1))) \\
 287902 &:= (1 + 2)! + (((3!! - 4!) \times 5) + (6^7 + 8!/9)) &= ((9 + 8!) \times 7) + (((6! - 5 \times 4) \times (3! + 2)) - 1) \\
 287903 &:= 1 \times ((2 \times (3 - (4 \times (5 - 6!)))) + (7 \times (8! - 9))) &= ((9 + 8!) \times 7) + ((6! - 5 \times 4) \times (3! + 2 \times 1)) \\
 287904 &:= 1 + ((2 \times (3 - (4 \times (5 - 6!)))) + (7 \times (8! - 9))) &= ((9 + 8!) \times 7) + (((6! - 5 \times 4) \times (3! + 2)) + 1) \\
 287905 &:= (1 + (((2 + 3!)! - (4 - 5!)) \times 6)) + ((7! - 8) \times 9) &= ((9 - 8) - 7!) + ((6! + (5! - 4!)) \times (3!!/2 - 1)) \\
 287906 &:= (((((1 \times 2 + 3!!) - 4!) \times 5) + 6^7) + 8!/9) &= ((9 - (8 \times (7 - (((6 - 5) + 4!) \times 3!)))) \times 2) \times 1 \\
 287907 &:= 1 - (2 \times (((((3! + 4!) \times (5! - 6!)) + 7) \times 8) - 9)) &= ((9 - (8 \times (7 - (((6 - 5) + 4!) \times 3!)))) \times 2) + 1 \\
 287908 &:= 1 \times (2 \times (((3!! \times 4! - 5) \times 6) - (7 - 8! + 9))) &= (9 + 8! \times 7) - (6 - ((5^4) + ((3! + (2 - 1))!)) \\
 287909 &:= 1 + (2 \times (((3!! \times 4! - 5) \times 6) - (7 - 8! + 9))) &= 9 + 8 + ((7 + 6!) \times ((5! + 4 \times 3) \times (2 + 1))) \\
 287910 &:= (1 - 2^{3!}) \times (4! - (5! - (6 - (7! \times 8/9)))) &= ((9 \times (8 \times 7 + (6! \times 5)))/4) \times (3!^2 - 1) \\
 287911 &:= (((1 + 2 \times 3!!) \times 4) - (5 \times 6)) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) + ((6! + (5 - 4!)) \times (3! + 2 \times 1)) \\
 287912 &:= (1 - ((2 + 3!) \times (4! - (5 + 6!)))) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + (((6! + (5 - 4!)) \times (3! + 2)) + 1) \\
 287913 &:= 1 - ((2 + 3!) \times (4 \times 5 - (6! - (7! - 8! - 9)))) &= (9 + (8! \times 7 + (6! - 5!))) + (4! + ((3! + (2 - 1))!)) \\
 287914 &:= (1 - (((2 - (((3 + 4)! + 5!)) \times 6) - 7!) \times 8)) + 9 &= ((9 + (8! \times 7!/6!)) + 5^4) + ((3! + (2 - 1))! \\
 287915 &:= (1 \times 2 \times (3!! \times 4 - (5 + 6))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - 6!/5) + (4 \times (3!! \times 2 - 1)) \\
 287916 &:= (((1 + 2) \times (((3!! + 4) \times (5! - 6)) - 7)) + 8!) + 9 &= 9 + 8! - ((7 + ((6 - 5!) \times (4 + 3!))) \times (2 + 1)) \\
 287917 &:= 1 - (2 \times (3! - (4 \times ((5! \times 6) - (7! - 8! + 9)))) &= (9 \times ((8! + 7) - 6^5)) - (((4 + 3)!) + 2 \times 1) \\
 287918 &:= (1 + (2 \times (3!! \times 4))) - (5!/6 - (7 \times (8! - 9))) &= ((9 + 8!) \times 7) + (((6! - (5! - 4!)) \times (3^2)) - 1) \\
 287919 &:= ((1 - 2^{3!}) \times (4! - (5! - 6))) + (7 \times 8! + 9) &= 9 - 8 - (((7 \times (6 - 5!)) - 4) \times (3!!/2 - 1)) \\
 287920 &:= (1 \times 2 + 3!) \times (((4 - 5) + 6!) - (7! - 8! + 9)) &= ((9 + 8!) \times 7) + (((6! - (5! - 4!)) \times (3^2)) + 1) \\
 287921 &:= ((1 + 2 \times 3!!) \times 4) - (5!/6 - (7 \times (8! - 9))) &= ((9 + 8!) \times 7) - (6 - (((5^4) \times (3^2)) - 1)) \\
 287922 &:= 1 \times 2 \times ((3!! \times (4! + 5!)) - (((6 - 7!) \times 8) - 9)) &= (9 \times (8 + 7!)) + (6 \times (5! - (4! - ((3! + 2)! - 1)))) \\
 287923 &:= (12 + ((3! + 4) \times (5 \times (6! + 7!)))) - 89 &= (((9 + 8!) \times 7) - 6) + (((5^4) \times (3^2)) + 1) \\
 287924 &:= 1 \times 2 \times (((3 + 4!) \times (5! + (6 + 7!))) + 8!/9) &= 98 - ((7 \times 6) \times (((5! - 4!^3)/2) - 1)) \\
 287925 &:= (1 + (2 \times ((3! + ((4! + 5) \times 6!)) \times 7))) - 8!/9 &= 9 \times 8 - (7 - (((6^5 + 4) \times (3!^2 + 1))) \\
 287926 &:= 1 - ((2 \times (3 - 4! \times 5!)) + (6 - (7 \times (8! - 9)))) &= 9 - (((8 - ((7! + 6!) \times 5)) \times (4 + 3!)) + (2 + 1)) \\
 287927 &:= ((1 + (2 \times (3!! \times 4))) - 5) - (6 - (7 \times (8! - 9))) &= (9 + 8! \times 7) + (((6 + 5^4) \times (3^2)) - 1) \\
 287928 &:= (1 - (2 \times (3 - 4!))) \times ((5! - (6 - 7!/8)) \times 9) &= (9 + 8! \times 7) - (6! - (((5! \times 4)/3!)^2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 287929 &:= (1 + ((2 \times 3! - 4)! + 5!) \times 6) + ((7! - 8) \times 9) &= (9 + 8! \times 7) + (((6 + 5^4) \times (3^2)) + 1) \\
 287930 &:= (1 \times 2 + 3!! \times 4!) - ((5! - (6 \times (7! - 8))) \times 9) &= (9 + 8! \times 7) - (6! - (((5! \times 4)/3!)^2 + 1)) \\
 287931 &:= ((1 + (2 \times (3! + ((4! + 5) \times 6!))) \times 7) - 8! / 9) &= (9 + 8! \times 7) + (6 \times (((5! \times 4) - 3!) \times 2) - 1) \\
 287932 &:= (1 + (2 \times (3!! \times 4 - (5 \times 6)))) + (7 \times 8! - 9) &= (9 - ((8 - ((7! + 6!) \times 5)) \times (4 + 3!))) + (2 + 1) \\
 287933 &:= 1 \times ((2 \times (3!! \times 4 - 5)) + (6 + (7 \times (8! - 9)))) &= ((9 + 8!) \times 7) + ((6 + ((5^4) \times (3^2))) - 1) \\
 287934 &:= 1 - (2 - (((3! + 4) \times (5 \times 6!)) - 7) \times 8) - 9) &= ((9 + 8 \times 7!) \times 6) + (5! \times (4! + (3!!/2 - 1))) \\
 287935 &:= ((1 + 2)! + ((3! + 4) \times ((5 \times (6! + 7!)) - 8))) + 9 &= (((9 + 8!) \times 7) + 6) + (((5^4) \times (3^2)) + 1) \\
 287936 &:= 1 \times 2 \times (((3!! \times 4! - 5) \times 6) + (7 + 8! - 9)) &= (((9 + 8!) \times 7) - 6) - (5! - ((4 \times 3!! \times 2) - 1)) \\
 287937 &:= 1 \times 2 + (((3! + 4) \times (5 \times 6!)) - 7) \times 8) - 9) &= (((9 + 8!) \times 7) - 6) + (5! \times (4! + ((3! - 2)! - 1))) \\
 287938 &:= (1 + (2 \times (3 + 4! \times 5!))) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6) - (5! - ((4 \times 3!! \times 2) + 1)) \\
 287939 &:= (1 + (((2 + 3!)! + ((4! + 5) \times 6)) \times 7)) + 8! / 9 &= 9 - ((8! + (7 - (6! \times (5! - 4!)))) \times (3^2 + 1)) \\
 287940 &:= (1 - (2 \times (3! + (4 \times (5 - 6!)))))) + (7 \times 8! - 9) &= ((9 + 8 - 7) \times 6) \times ((5! \times (4 + 3!^2)) - 1) \\
 287941 &:= 1 \times ((2 \times ((3!! \times 4) + 5)) - (6 - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6) - (5! - (4 \times (3!! \times 2 + 1))) \\
 287942 &:= 1 + ((2 \times ((3!! \times 4) + 5)) - (6 - (7 \times (8! - 9)))) &= ((9 + 8!) \times 7! / 6!) - (5! - ((4 \times 3!! \times 2) - 1)) \\
 287943 &:= (1 \times 2 \times (3! + 4! \times 5!)) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6!) + (5! \times ((4! + 3) \times 2 - 1)) \\
 287944 &:= 1 - ((2 \times (3 - (4! \times 5! + 6))) - (7 \times (8! - 9))) &= ((9 + 8!) \times 7! / 6!) - (5! - ((4 \times 3!! \times 2) + 1)) \\
 287945 &:= ((1 + ((2 + 3!)! + ((4! + 5) \times 6))) \times 7) + 8! / 9 &= (((9 + 8!) \times 7) + (6 - 5!)) + (4 \times (3!! \times 2 - 1)) \\
 287946 &:= (1 + 2)! \times (3!! \times 4 - ((5! - (6! + 7!)) \times 8) + 9) &= 9 - (8 - (7 \times (6! + (5! - (4! - ((3! + 2)! - 1)))))) \\
 287947 &:= 1 \times (((2 + 3!^4) \times 5) - (6! - (7 \times (8! - 9)))) &= ((9 + 8!) \times 7! / 6!) - (5! - (4 \times (3!! \times 2 + 1))) \\
 287948 &:= (1 + ((2 + 3!^4) \times 5)) - (6! - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6 - 5!)) + ((4 \times 3!! \times 2) - 1) \\
 287949 &:= (1 \times 2 \times (3 + 4! \times 5!)) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6) + (5! \times (4! + ((3! - 2)! - 1))) \\
 287950 &:= ((1 + (2 \times (3 + 4!))) \times (5! - (6 - 7!))) + 8! / 9 &= (((9 + 8!) \times 7) + (6! \times 5)) + (4^3 / 2 - 1) \\
 287951 &:= (1 - (((2 + 3!)! - (4! - (5! + 6!))) \times 7)) \times (8 - 9) &= ((9 + 8!) \times 7) + (6! \times 5 + (4^3 / 2 \times 1)) \\
 287952 &:= 1 - (((2 \times 3! - 4) \times (5 - 6!)) - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) + (6! \times 5 + (4^3 / 2 + 1)) \\
 287953 &:= (1 + (((2 + 3!)! + 4 + 5!) \times 6) + ((7! - 8) \times 9) &= (9 + ((8! / 7!)^6)) + (5! \times ((4! \times (3^2)) - 1)) \\
 287954 &:= 1 \times (2 \times (3! - ((4 \times (5 - (6! - (7! - 8!)))) + 9))) &= 9 - 8 + ((7 \times (6! + (5! - (4! - (3! + 2)!)))) + 1) \\
 287955 &:= 1 + (2 \times (3! - ((4 \times (5 - (6! - (7! - 8!)))) + 9))) &= (9 - (8 \times (7 - (6! \times (5 \times (4 + 3!)))))) + (2 \times 1) \\
 287956 &:= (1 + (2 \times (3! + 4! \times 5!))) + (6 + (7 \times (8! - 9))) &= (9 + 8! \times 7) + (((((6! - 5) \times 4) - 3!) \times 2) - 1) \\
 287957 &:= 1 - (2 \times (3! - (((4! + 5!) \times 6!) - (7 - 8! + 9)))) &= (((9 + 8 \times 7!) - (6 \times (5 - (4! \times 3!)))) \times 2) - 1 \\
 287958 &:= ((1 + ((2 + 3!)! + 4 + 5!)) \times 6) + ((7! - 8) \times 9) &= (9 + 8! \times 7) + (((((6! - 5) \times 4) - 3!) \times 2) + 1) \\
 287959 &:= (1 + 2)! + (((3! + 4) \times (5 \times 6!)) - 7) \times 8) + 9 &= (((9 + 8 \times 7!) - (6 \times (5 - (4! \times 3!)))) \times 2) + 1 \\
 287960 &:= 1 - (((2 + 3!) \times (4 - 5! \times 6)) - (7 \times 8! - 9)) &= (9 + 8! \times 7) + (((6! \times 5 - (4! + 3!)) \times 2) - 1) \\
 287961 &:= ((1 + 2 \times 3!!) \times 4) + (5! / 6 + (7 \times (8! - 9))) &= 9 + 8! + (7 \times (6! + (5! + (4! \times (3!! \times 2 - 1)))))) \\
 287962 &:= 1 - ((2 \times (3!! + (4! - (5 \times 6!)))) - (7 \times 8! + 9)) &= (9 + 8! \times 7) + (((6! \times 5 - (4! + 3!)) \times 2) + 1) \\
 287963 &:= 1 - (2 \times (3 - (((4! + 5!) \times 6!) - (7 - 8! + 9)))) &= (9 \times (8! - 7!)) + (6! - (((5 + 4!) \times 3!)^2 + 1)) \\
 287964 &:= 1 - ((2 \times (3 + (4 \times (5 - 6!)))) - (7 \times 8! + 9)) &= (9 + 8! \times 7) + (((((6! - 5) \times 4) - 3) \times 2) + 1) \\
 287965 &:= 1 - ((2 - 3!) \times ((4! - 5) \times (((6 \times 7!) / 8) + 9))) &= (9 \times (8! - 7!)) + (6! - (((5 + 4!) \times 3!)^2 - 1)) \\
 287966 &:= 1 - ((2 \times (3! - (4 \times (5 + 6!)))) - (7 \times (8! - 9))) &= (9 + (8! - 7) \times 6) + ((5! \times (4! + 3!!/2)) - 1) \\
 287967 &:= (((1 \times 2 + 3!)! - (4 - 5!)) \times 6) + (7! + 8! - 9) &= (9 \times ((8 + 7!) \times 6)) + (((5! + (4! / 3!))^2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 287968 &:= 1 - ((2 \times (3! - (4! \times 5! - 6))) - (7 \times 8! - 9)) &= (9 + (8! - 7) \times 6) + ((5! \times (4! + 3!/2)) + 1) \\
 287969 &:= ((1 \times 2 + 3!) \times (4 + (5! \times 6))) + (7 \times (8! - 9)) &= (9 \times ((8 + 7!) \times 6)) + (((5! + (4!/3!))^2) + 1) \\
 287970 &:= 1 - (((2 \times 3! - 4) \times (5 - 6!)) - (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + (((5^4) \times (3! + 2)) + 1) \\
 287971 &:= 1 \times ((2 \times (3!! \times 4)) - (5!/6 - (7 \times 8! - 9))) &= ((9 + (8! + (7 - (6 \times (5 - (4! \times 3!))))) \times 2) - 1) \\
 287972 &:= (1 + (2 \times (3!! \times 4))) - (5!/6 - (7 \times 8! - 9)) &= ((9 + (8! + (7 - (6 \times (5 - (4! \times 3!))))) \times 2) \times 1) \\
 287973 &:= 1 - (2 \times ((3 + (4 \times (5 - (6! - (7! - 8!))))) - 9)) &= ((9 + (8! + (7 - (6 \times (5 - (4! \times 3!))))) \times 2) + 1) \\
 287974 &:= (1 + (2 \times ((3 + (4 \times 5!)) \times 6))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + 6) + 5^4 + ((3! + (2 - 1)))! \\
 287975 &:= ((1 + 2 \times 3!!) \times 4) - (5!/6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6 \times 5) + (4 \times (3!! \times 2 - 1)) \\
 287976 &:= ((1 \times 2 + 3!!) \times 4!) - ((5! - (6 \times (7! - 8))) \times 9) &= ((9 + 8! \times 7) + (6^5)) - (4^{3!}/2 + 1) \\
 287977 &:= (1 + ((2 + 3!!) \times 4!)) - ((5! - (6 \times (7! - 8))) \times 9) &= ((9 + ((8! - (7! - 6! + 5)) \times (4!/3!))) \times 2) - 1) \\
 287978 &:= 1 + (((2 \times 3! - 4) \times (5 + 6!)) + (7 \times (8! - 9))) &= ((9 + 8! \times 7) + (6^5)) - (4^{3!}/2 - 1) \\
 287979 &:= 1 \times ((2 \times (3!! \times 4)) - (5 \times 6 - (7 \times 8! + 9))) &= ((9 + ((8! - (7! - 6! + 5)) \times (4!/3!))) \times 2) + 1) \\
 287980 &:= (1 + (2 \times (3!! \times 4))) - (5 \times 6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6 \times 5) + ((4 \times 3!! \times 2) + 1) \\
 287981 &:= ((1 + (2 \times (3!! \times 4))) - 5) - (6 - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) + (((6 + 5^4) \times (3^2)) - 1) \\
 287982 &:= 1 + ((2 \times (3! - (4 \times (5 - 6!)))) + (7 \times 8! + 9)) &= (9 + 8! \times 7) + (((((6! - 5) \times 4) + 3!) \times 2) + 1) \\
 287983 &:= (1 \times 2 \times (3 + (4 \times (5 + 6!)))) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) + (((6 + 5^4) \times (3^2)) + 1) \\
 287984 &:= ((1 \times 2 + 3!)! \times 4) + ((5! \times 6!) - (7 - 8! + 9)) &= 9 - ((8 \times (7! - (6! - (5 - ((4!/3!) + 2)))) + 1) \\
 287985 &:= (1 + (((2 + 3!)! \times 4) + (5! \times 6!))) - (7 - 8! + 9) &= ((9 + 8!) \times 7) + (6 \times (((5! \times 4) - 3!) \times 2) - 1) \\
 287986 &:= (1 - (2 \times (3 - (4! \times (5! + (6! \times 7)))))) + (8! - 9) &= 9 - ((8 \times (7! - (6! - (5 - ((4!/3!) + 2)))) - 1) \\
 287987 &:= ((1 - ((2 - (3!! - 4)) \times 5)) + 6^7) + 8!/9 &= (9 + (8! + ((7!/6!) \times (5! - 4))) \times (3! + (2 - 1))) \\
 287988 &:= (((1 + (2 + 3!!)) \times 4) + ((5! \times 6!) - 7)) + (8! - 9) &= (9 \times (8! - 7!)) + (6 \times (5! - (((4 + 3)!) + 2 \times 1))) \\
 287989 &:= 1 \times ((2 \times ((3!! \times (4! + 5!)) + (6 - 7 + 8!))) - 9) &= (9 + 8! - 7!) + ((6! - 5 \times 4) \times (3!/2 + 1)) \\
 287990 &:= (1 + (2 \times (3!! \times 4))) - (5!/6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) + (((5! \times 4!) - 3!) \times 2) - 1) \\
 287991 &:= (((1 + (2 + 3!!)) - (4 - 5!)) \times 6) + 7! + (8! + 9) &= (9 \times (8! - (7! + (6! \times 5)))) + ((4 \times (3!! - 2)) - 1) \\
 287992 &:= (1 + ((2 + 3!)! \times 4)) + ((5! \times 6!) + (7! \times 8 - 9)) &= ((9 + 8! \times 7) - 6) + (((5! \times 4!) - 3!) \times 2) + 1) \\
 287993 &:= (1 - (2 - 3!!) \times 4) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 \times (8! - (7! + (6! \times 5)))) + ((4 \times (3!! - 2)) + 1) \\
 287994 &:= 1 \times (2 \times (3! - ((4! \times (5! \times (6 - (7 \times 8)))) + 9))) &= ((9 + 8! \times 7) - 6) - (5 - (4 \times (3!! \times 2 - 1))) \\
 287995 &:= (((1 + (2 + 3!!)) \times 4) + (5! \times 6!)) + (7! \times 8 - 9) &= (9 \times (8! - 7!) - 6!) - (5 \times ((4 \times 3!! \times 2) + 1)) \\
 287996 &:= 1 + ((2 \times (3!! \times 4! + ((5! \times 6!) - (7 - 8!)))) + 9) &= ((9 + 8! \times 7) - 6) + (((5! \times 4!) - 3) \times 2) - 1) \\
 287997 &:= ((1 + ((2 \times 3! - 4)! + 5!)) \times 6) + (7! + 8! - 9) &= ((9 + 8! \times 7) - 6) - (5 - ((4 \times 3!! \times 2) - 1)) \\
 287998 &:= (1 + (2 \times (3! + 4! \times 5!))) - (6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) + (((5! \times 4!) - 3) \times 2) + 1) \\
 287999 &:= ((1 + (2 \times (3!! \times 4))) - 5) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - (5 - ((4 \times 3!! \times 2) + 1)) \\
 288000 &:= ((1 + ((2 + 3!)! + 4))/5) + (6^7 + (8 - 9)) &= (9 \times (8!/7)) + (6! \times ((5 + ((4! - 3!)^2)) - 1))
 \end{aligned}$$

2.1.9 Numbers From 288001 to 289000

$$\begin{aligned}
 288001 &:= (1 + ((2 + (3^4 \times 5)) \times 6!)) - ((7! + 8!)/9) &= (9 + 8! - (7 - (6! \times 5!))) + ((4 \times (3! + 2)!) - 1) \\
 288002 &:= (1 + ((2 + 3!^4) \times 5)) - (6! - (7 \times 8! - 9)) &= 9 + 8! + (((((7 \times 6!) + 5!) \times 4!) - 3) \times 2) - 1) \\
 288003 &:= (1 + (((2 + 3!)! \times 4) + (5! \times 6!))) - (7 - 8! - 9) &= ((9 + (8! \times 7!/6!)) - 5) + ((4 \times 3!! \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 288004 &:= (1 + (2 \times (3! + (4 \times 5! \times 6)))) + (7 \times 8! - 9) &= (9 + 8! \times 7 + 6) + (((5! \times 4!) - 3!) \times 2) + 1 \\
 288005 &:= (((1 - (2 \times (3!! \times 4))) \times 5) - 6!) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - 6!) - (5 \times ((4 \times 3!! \times 2) - 1)) \\
 288006 &:= 1 + ((2 \times (3!! \times 4!) + ((5! \times 6!) + 7 + 8!)) - 9) &= (9 + 8! \times 7 + 6) - (5 - (4 \times (3!! \times 2 - 1))) \\
 288007 &:= ((1 + (((2 + 3!!) - 4) \times 5)) + 6^7) + 8!/9 &= ((9 + 8! \times 7) - 6!/5!) + (4 \times (3!! \times 2 + 1)) \\
 288008 &:= ((1 \times 2 + 3!!) \times 4) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 + 8! \times 7 + 6) + (((5! \times 4!) - 3) \times 2) - 1 \\
 288009 &:= (1 + ((2 + 3!!) \times 4)) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 + (8! + 7!)) - (6 \times (5! \times (4! - (3!!/2 + 1)))) \\
 288010 &:= (1 + ((2 + 3!)! \times 4)) + ((5! \times 6!) + (7! \times 8 + 9)) &= (9 + 8! \times 7 + 6) + (((5! \times 4!) - 3) \times 2) + 1 \\
 288011 &:= ((1 + (2 \times (3!! \times 4))) - 5) + (6 + (7 \times 8! + 9)) &= ((9 + 8! - 7) \times 6) + ((5! \times (4! + 3!!/2)) - 1) \\
 288012 &:= (1 + (2 \times (3!! \times 4))) + (5!/6 + 7 \times 8! - 9) &= ((9 + 8!) \times 7) + (((6! - 5) \times 4) - 3!) \times 2 + 1 \\
 288013 &:= (((1 + (2 + 3!)!) \times 4) + (5! \times 6!)) + (7! \times 8 + 9) &= ((9 + 8! - 7) \times 6) + ((5! \times (4! + 3!!/2)) + 1) \\
 288014 &:= ((1 + 2 \times 3!!) \times 4) - ((5 - 6) - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + (((6! \times 5 - (4! + 3!!)) \times 2) - 1) \\
 288015 &:= ((1 + 2 \times 3!!) \times 4) + (5!/6 + 7 \times 8! - 9) &= (9 + ((8! \times 7!/6!) + 5)) + ((4 \times 3!! \times 2) + 1) \\
 288016 &:= (1 + (2 \times (3! + (4! \times 5! + 6)))) + (7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) + (((5! \times 4! + 3!) \times 2) + 1) \\
 288017 &:= (1 + (((2 + 3!)! \times 4) + ((5! \times 6!) + 7))) + (8! + 9) &= (9 + (8! + (7 + (6! \times 5!)))) + ((4 \times (3! + 2!)! + 1) \\
 288018 &:= (1 \times 2 + 3!!) + (4! \times 5! + (6^7 + 8!/9)) &= ((9 + 8!) \times 7) + (((6! - 5) \times 4) - 3) \times 2 + 1 \\
 288019 &:= ((1 \times 2 + 3!^4) \times 5) - (6! - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6!/5!))) + (4 \times (3!! \times 2 + 1)) \\
 288020 &:= (1 + ((2 + 3!^4) \times 5)) - (6! - (7 \times 8! + 9)) &= (9 - (8! + (7 - (6! \times (5! - 4!)))) \times (3^2 + 1) \\
 288021 &:= (((1 + ((2 + 3!)! + 4 + 5!)) \times 6) + 7!) + (8! - 9) &= (9 + 8! \times 7 + 6) + ((5! \times 4! + 3) \times 2 \times 1) \\
 288022 &:= (1 + (2 \times (3! + (4 \times 5! \times 6)))) + (7 \times 8! + 9) &= (9 + 8! \times 7 + 6) + (((5! \times 4! + 3) \times 2) + 1) \\
 288023 &:= ((1 \times 2 + 3!) \times (4 + (5! \times 6))) + (7 \times 8! - 9) &= 9 \times 8 + ((7 \times (6! + (5! - (4! - (3! + 2)!)))) - 1) \\
 288024 &:= 1 - (((2 \times 3! - 4) \times (5 - 6!)) - (7 \times (8! + 9))) &= (9 + 8! \times 7 + 6) + (5 + (4 \times (3!! \times 2 + 1))) \\
 288025 &:= (1 \times 2 \times ((3!! \times 4) + 5)) + (6 + (7 \times 8! + 9)) &= 9 \times 8 + ((7 \times (6! + (5! - (4! - (3! + 2)!)))) + 1) \\
 288026 &:= ((1 + 2!)! + (((3 + 4) \times (5 + 6!)) + 7 \times 8! - 9) &= (9 + 8! \times 7 + 6) + (((5 + (4 \times 3!!)) \times 2) + 1) \\
 288027 &:= ((1 - ((2 - (3!! + 4)) \times 5)) + 6^7) + 8!/9 &= (9 + 8! \times 7 + 6) + ((5! \times 4! + 3!) \times 2 \times 1) \\
 288028 &:= (1 + ((2 \times ((3 + (4 \times 5!)) \times 6)) + 7 \times 8!)) - 9 &= (9 + 8! \times 7 + 6) + (((5! \times 4! + 3!) \times 2) + 1) \\
 288029 &:= 1 + (2 \times (((3!! \times 4! + 5) \times 6) - (7 - 8! + 9))) &= (9 \times (8!/7)) - (6 - (((5! \times 4) + 3!)^2) - 1) \\
 288030 &:= (1 + (2 \times (3!! \times 4))) + (5!/6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6^5)) - (4^3!/2 + 1) \\
 288031 &:= (((1 + (2 + 3!)!) - (4! - (5! + 6!))) \times 7) + 8 \times 9 &= (9 \times (8!/7)) - (6 - (((5! \times 4) + 3!)^2) + 1) \\
 288032 &:= (1 - (((2 - (3! + 4)) \times (5 + 6!)) - (7 \times 8!))) - 9 &= (9 + (8! \times 7 + 6!)) - (5! - (((4! \times 3)^2) - 1)) \\
 288033 &:= ((1 + 2 \times 3!!) \times 4) + (5!/6 + (7 \times 8! + 9)) &= (9 + (8! + 7!)) + (6 \times (5! + (4 + (3! + 2 \times 1)!))) \\
 288034 &:= (1 + (2 \times (3! + (4! \times 5! + 6)))) + (7 \times 8! + 9) &= (9 + (8! \times 7 + 6!)) - (5! - (((4! \times 3)^2) + 1)) \\
 288035 &:= 1 - ((2 - ((3!! + 4) \times 5)) - (6^7 + 8!/9)) &= (9 \times (8!/7)) + (((6 + (5! \times (4!/3!)))^2) - 1) \\
 288036 &:= (1 \times 2 + 3!)! - (4 \times (5 \times (6! - 7!) - 8! - 9)) &= ((9 + 8!) \times 7) + (((6! - 5) \times 4) + 3!) \times 2 + 1 \\
 288037 &:= 1 \times ((2 \times (((3!! \times 4! + 5) \times 6) - (7 - 8!))) - 9) &= ((9 + (8! + (7 + ((6! \times (5! + 4!)) + 3)))) \times 2) - 1 \\
 288038 &:= 1 - ((2 \times (3! - (4 \times (5 + 6!)))) - (7 \times 8! + 9)) &= ((9 + (8! + (7 + ((6! \times (5! + 4!)) + 3)))) \times 2) \times 1 \\
 288039 &:= (((1 + ((2 + 3!)! + 4 + 5!)) \times 6) + 7!) + (8! + 9) &= ((9 + (8! + (7 + ((6! \times (5! + 4!)) + 3)))) \times 2) + 1 \\
 288040 &:= (1 - (2 \times (3!! - (4! + 5 \times 6!)))) + (7 \times 8! - 9) &= 9 - ((8 \times (7! - ((6 \times 5!) + (4 + (3! + 2)!)))) + 1) \\
 288041 &:= 1 - ((2 + 3!) \times (4 - ((5! \times 6) - (7! - 8! - 9)))) &= (9 \times (8!/7)) + ((6 + (((5! \times 4) + 3!)^2)) - 1) \\
 288042 &:= 1 \times (2 \times (((3!! \times 4! + 5) \times 6) + (7! \times 8 - 9))) &= (9 + 8! \times 7) + (((6 \times 5!) + 4) \times (3! + 2)) + 1
 \end{aligned}$$

$$\begin{aligned}
 288043 &:= 1 + (2 \times (((3!! \times 4! + 5) \times 6) + (7! \times 8 - 9))) &= (9 \times (8!/7)) + (6 + (((5! \times 4) + 3!)^2) + 1) \\
 288044 &:= (1 + (2 \times (3! + (4 \times (5 + 6!)))) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6) + (((5! \times 4!) - 3!) \times 2) - 1) \\
 288045 &:= ((1 - ((2 \times 3!!)/4)) \times (5 - 6!)) + (7 \times 8!/9) &= (((9 + 8!) \times 7) - 6) + (((5! \times 4!) - 3!) \times 2 \times 1) \\
 288046 &:= 1 \times (((2 + (3!! + 4)) \times 5) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - 6) + (((5! \times 4!) - 3!) \times 2) + 1) \\
 288047 &:= 1 + (((2 + (3!! + 4)) \times 5) + (6^7 + 8!/9)) &= (9 \times (8 + 7!)) + ((6 \times (5! - (4 - (3! + 2)!))) - 1) \\
 288048 &:= ((1 + 2 \times 3! \times 4!) \times (5! + 6!)) + ((7! - 8) \times 9) &= (((9 + 8!) \times 7) - 6) - (5 - (4 \times (3!! \times 2 - 1))) \\
 288049 &:= (1 + (((2 + 3!)! - (4 - 5!)) \times 6)) + ((7! + 8) \times 9) &= (9 \times (8 + 7!)) + ((6 \times (5! - (4 - (3! + 2)!))) + 1) \\
 288050 &:= (1 - (((2 - (3! + 4)) \times (5 + 6!)) - (7 \times 8!))) + 9 &= (((9 + 8!) \times 7) - 6) + (((5! \times 4!) - 3) \times 2) - 1) \\
 288051 &:= 1 - (((2 - (3 \times 4)) \times 5) \times (6! + (7! - 8 + 9))) &= (((9 + 8!) \times 7) - 6) - (5 - ((4 \times 3!! \times 2) - 1)) \\
 288052 &:= (1 + ((2 \times (3!! \times 4)) + (5! - 6))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - 6) + (((5! \times 4!) - 3) \times 2) + 1) \\
 288053 &:= 1 \times (2 + (3 \times (((4! - 5) \times (6 + 7! + 8)) - 9))) &= ((9 + 8 \times 7!) \times 6) + ((5! \times (4! + 3!!/2)) - 1) \\
 288054 &:= (((1 + (2 + 3!))! - (4 - 5!)) \times 6) + ((7! + 8) \times 9) &= (9 + 8! \times 7) + (((((6! + 5) \times 4) + 3) \times 2) - 1) \\
 288055 &:= (((1 + 2 \times 3!!) \times 4) + 5!) - (6 - (7 \times (8! - 9))) &= ((9 + 8 \times 7!) \times 6) + ((5! \times (4! + 3!!/2)) + 1) \\
 288056 &:= (1 \times 2 + 3!) \times (4^5 + ((6^7/8) - 9)) &= (((9 + 8!) \times 7) + 6) + (((5! \times 4!) - 3!) \times 2) - 1) \\
 288057 &:= ((1 + (2 \times (3 + 4!))) \times 5!) - (6! - (7 \times (8! - 9))) &= (((9 + 8!) \times 7!/6!) - 5) + ((4 \times 3!! \times 2) - 1) \\
 288058 &:= (1 - (2 \times (3!! - (4! + 5 \times 6!)))) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + 6) + (((5! \times 4!) - 3!) \times 2) + 1) \\
 288059 &:= (1 \times 2 \times (3!! \times 4 - 5)) + (6 + (7 \times (8! + 9))) &= (9 \times (8 + 7!)) + ((6 \times (5! + ((4!/3!) - 2))) - 1) \\
 288060 &:= (1 + 2) \times ((3 + ((4! - 5) \times (6 + 7! + 8))) - 9) &= (((9 + 8!) \times 7) + 6) - (5 - (4 \times (3!! \times 2 - 1))) \\
 288061 &:= 1 \times ((2 \times (3!! \times 4) + (5 - 6))) + (7 \times (8! + 9)) &= (9 \times (8 + 7!)) + ((6 \times (5! + ((4!/3!) - 2))) + 1) \\
 288062 &:= (1 + (2 \times (3! + (4 \times (5 + 6!)))) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + 6) + (((5! \times 4!) - 3) \times 2) - 1) \\
 288063 &:= (1 \times 2 \times (3 + 4! \times 5!)) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) - (5 - ((4 \times 3!! \times 2) - 1)) \\
 288064 &:= (1 + ((2 \times (3!! \times 4)) + (5! + 6))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + 6) + (((5! \times 4!) - 3) \times 2) + 1) \\
 288065 &:= ((1 + (2 \times (3!! \times 4))) - 5) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) - (5 - ((4 \times 3!! \times 2) + 1)) \\
 288066 &:= 1 \times (2 \times (3!! \times (4! + 5!)) + ((6 \times 7 + 8!) - 9)) &= (((9 + 8!) \times 7) - 6) + (5 + (4 \times (3!! \times 2 + 1))) \\
 288067 &:= (((1 + 2 \times 3!!) \times 4) + (5! + 6)) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7!/6!) + 5) + ((4 \times 3!! \times 2) - 1) \\
 288068 &:= 1 - (2 - ((3 \times ((4! - 5) \times (6 + 7! + 8))) - 9)) &= (9 + ((8!/7!)^6)) + (5 \times (((4! \times 3)^2) - 1)) \\
 288069 &:= (1 \times 2 \times (3! + 4! \times 5!)) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7!/6!) + 5) + ((4 \times 3!! \times 2) + 1) \\
 288070 &:= (1 + (2 \times (3! + 4! \times 5!))) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6) + (((5! \times 4! + 3!) \times 2) + 1) \\
 288071 &:= 1 \times 2 + ((3 \times ((4! - 5) \times (6 + 7! + 8))) - 9) &= (9 \times ((8! - 7!) - (6^5 - 4!))) + ((3! + 2)! - 1) \\
 288072 &:= (((1 \times 2 + 3!)! + 4! + 5!) \times 6) + ((7! - 8) \times 9) &= (9 + ((8!/7!)^6)) + ((5 \times ((4! \times 3)^2)) - 1) \\
 288073 &:= (1 + (((2 + 3!)! + 4! + 5!) \times 6)) + ((7! - 8) \times 9) &= (((9 + 8!) \times 7) + (6!/5!)) + (4 \times (3!! \times 2 + 1)) \\
 288074 &:= (1 + ((2 + 3!^4) \times 5)) - (6! - (7 \times (8! + 9))) &= (9 + ((8!/7!)^6)) + ((5 \times ((4! \times 3)^2)) + 1) \\
 288075 &:= (1 \times 2 \times (3 + 4! \times 5!)) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) + ((5! \times 4! + 3) \times 2 \times 1) \\
 288076 &:= (((1 + (2^{3!+4})) \times 5) + 6!) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6) + (((5! \times 4! + 3) \times 2) + 1) \\
 288077 &:= (((1 + ((2 + 3!)! + 4!))/5) + 6^7) + 8 \times 9 &= ((9 \times (8 + 7!)) + (6! + 5)) + ((4!/3!) \times (2 + 1)!) \\
 288078 &:= ((1 + ((2 + 3!)! + 4! + 5!)) \times 6) + ((7! - 8) \times 9) &= (9 + ((8!/7!)^6)) + (5 \times (((4! \times 3)^2) + 1)) \\
 288079 &:= (1 \times 2 \times (3!! \times 4) + 5) + (6 + (7 \times (8! + 9))) &= ((9 + 8! \times 7) + ((6^5/4) \times 3)) - 2 \times 1 \\
 288080 &:= (1 \times 2 + 3!) \times (4! - (5 - (6! - (7! - 8! + 9)))) &= (((9 + 8!) \times 7) + 6) + (((5 + (4 \times 3!!)) \times 2) + 1) \\
 288081 &:= (1 \times 2 \times (3! + 4! \times 5!)) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) + ((5! \times 4! + 3!) \times 2 \times 1) \\
 288082 &:= (((1 + (2 + 3!))! - (4 - (5! + 6!))) \times 7) - 8) - 9 &= (((9 + 8!) \times 7) + 6) + (((5! \times 4! + 3!) \times 2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 288083 &:= ((1 + ((2 + 3!) + (4 + (5! + 6!)))) \times 7) - 8 \times 9 &= (9 \times (8 + 7!)) + ((6 \times (5! + ((4!/3!) + 2))) - 1) \\
 288084 &:= 1 \times (2 \times (3! + (4 \times ((5! \times 6) - (7! - 8! - 9)))) &= (((9 + 8! - (7! - (6 \times 5!))) \times 4) + 3!) \times 2 \times 1 \\
 288085 &:= (((1 + 2 \times 3!!) \times (4! + 5)) + 6) \times 7) - 8!/9 &= (9 \times (8 + 7!)) + ((6 \times (5! + ((4!/3!) + 2))) + 1) \\
 288086 &:= (((1 + 2)!^3 \times 4!) + (5 + 6!)) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) + 6! - (5! - (((4! \times 3!)^2) - 1)) \\
 288087 &:= ((1 + 2 \times 3!!) \times 4) + (5!/6 + (7 \times (8! + 9))) &= (9 + ((8 + ((7! + 6!) \times 5)) \times (4 + 3!))) - 2 \times 1 \\
 288088 &:= (1 + (2 \times (3! + (4! \times 5! + 6)))) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + 6!) - (5! - (((4! \times 3!)^2) + 1)) \\
 288089 &:= 1 \times 2 + ((3 \times ((4! - 5) \times (6 + 7! + 8))) + 9) &= (9 \times (8!/7 + 6)) + (((5! \times 4) + 3!)^2) - 1) \\
 288090 &:= (1 + ((2 + 3!) \times (4! - (5 - 6!)))) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) + (((6! + 5) \times 4) - 3!) \times 2) - 1) \\
 288091 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times 6!)) - ((7!/8) \times 9) &= (9 \times (8!/7 + 6)) + (((5! \times 4) + 3!)^2) + 1) \\
 288092 &:= 1 - ((2 \times (3! - (4 \times (5 + 6!)))) - (7 \times (8! + 9))) &= 9 - (8 - ((7 \times (6! + (5! - (4 - (3! + 2)!)))) - 1)) \\
 288093 &:= (1 + 2 \times 3!) \times ((4 \times (5^6 - 7)) - 8! + 9) &= 9 - 8 - (7 \times (6! - ((5! - 4) \times (3!!/2 + 1)))) \\
 288094 &:= (((1 + (2^{3!+4})) \times 5) + 6!) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + (6 \times 5)) + ((4 \times 3!! \times 2) + 1) \\
 288095 &:= 1 - (2 \times (((3! + 4!) \times (5! - 6!)) - 7) \times 8) + 9) &= ((9 + (8! + 7)) \times 6) + ((5! \times (4! + 3!!/2)) - 1) \\
 288096 &:= (((1 \times 2 + 3!)! + 4 + 5!) \times 6) + ((7! + 8) \times 9) &= ((9 + 8!) \times 7) + (((6 \times 5!) + 4) \times (3! + 2)) + 1) \\
 288097 &:= (1 + (((2 + 3!)! + 4 + 5!) \times 6)) + ((7! + 8) \times 9) &= ((9 + (8! + 7)) \times 6) + ((5! \times (4! + 3!!/2)) + 1) \\
 288098 &:= (((1 + (2 + 3!)!) - (4 - (5! + 6!))) \times 7) + 8) - 9 &= (9 + ((8!/7!) \times (6! + (5 + 4! \times 3!)))) \times 2 \times 1 \\
 288099 &:= (1 - (2 + 3!)! \times (((4! \times (5! - 6!)) - 7!)/8) + 9) &= ((9 - ((8 + 7! + 6) \times (5 - 4!))) \times 3) - (2 + 1)! \\
 288100 &:= (((1 + (2 + 3!)!) - (4 - (5! + 6!))) \times 7) - 8) + 9 &= ((9 - (8! - (7 + (6! \times 5!))))/4) \times ((3! - 2)! + 1) \\
 288101 &:= 1 - (2 + (3! + (((4 + 5!) \times 67) - 8!) \times 9)) &= ((9 + (8! + ((7 \times 6) + ((5! + 4!) \times 3!)))) \times 2) - 1) \\
 288102 &:= ((1 + ((2 + 3!)! + 4 + 5!)) \times 6) + ((7! + 8) \times 9) &= ((9 + (8! + ((7 \times 6) + ((5! + 4!) \times 3!)))) \times 2) \times 1 \\
 288103 &:= 1 + (2 \times ((3!! \times (4! + 5!)) + (6 \times 7 + 8! + 9))) &= ((9 + (8! + ((7 \times 6) + ((5! + 4!) \times 3!)))) \times 2) + 1) \\
 288104 &:= (1 - ((2 - (3! + 4)) \times (5 + 6!))) + (7 \times (8! + 9)) &= (9 + 8! - (7! - ((6 \times 5!) + 4))) \times (3! + 2 \times 1) \\
 288105 &:= (((1 + 2)!^3) - (4 \times 5!)) + ((6 \times 7! \times 8) + 9) &= (9 - 8) \times ((7 \times (6! + (5! + ((4!/3!) - 2)))) - 1) \\
 288106 &:= (1 + ((2 \times (3!! \times 4)) + (5! - 6))) + (7 \times 8! - 9) &= 9 - (8 - ((7 \times (6! + (5! + ((4!/3!) - 2)))) - 1)) \\
 288107 &:= 1 \times 2 + (3 \times (((4! - 5) \times (6 + 7! + 8)) + 9)) &= (9 \times (8 + (7! + 6!))) + (((5! \times 4) + 3!)^2) - 1) \\
 288108 &:= 1 \times 2 \times (3! \times ((4 \times (5! \times (6 \times 7 + 8))) + 9)) &= ((9 + 8!) \times 7) + (((6! + 5) \times 4) + 3) \times 2) - 1) \\
 288109 &:= (((1 + 2 \times 3!!) \times 4) + 5!) - (6 - (7 \times 8! - 9)) &= (((9 + 8! - (7! - (6! + 5))) \times (4!/3)) - 2) - 1) \\
 288110 &:= (1 + ((2 + 3) \times ((4 \times (5 - 6! + 7!)) + 8!))) + 9 &= (((9 + (8!/7)) - 6) \times 5) - 4) \times (3^2 + 1) \\
 288111 &:= ((1 + (2 \times (3 + 4!))) \times 5!) - (6! - (7 \times 8! - 9)) &= (((9 + 8! - (7! - (6! + 5))) \times (4!/3)) - 2) + 1) \\
 288112 &:= (1 + (((2 \times 3!! \times 4!) + (5! + 6!)) \times 7)) + (8! - 9) &= ((9 + 8!) \times 7) + (((6! \times 5 + (4! - 3!)) \times 2) + 1) \\
 288113 &:= (1 \times 2 - 3^4) \times (5! + (6! - (7 + 8!/9))) &= (9 - 8) \times (7 \times (((6! + 5!) \times ((4 + 3!)^2)) - 1)) \\
 288114 &:= 1 \times 2 \times ((3!! \times (4! + 5!)) + (((6 + 7!) \times 8) + 9)) &= ((9 + 8! - (7! - (6! + 5))) \times (4!/3)) + (2 \times 1) \\
 288115 &:= 1 \times ((2 \times (3! + (4 \times (5 + 6!)))) + (7 \times (8! + 9))) &= ((9 + 8!) \times 7) + (((6! + 5) \times 4) + 3!) \times 2 \times 1) \\
 288116 &:= (((1 + (2 + 3!)!) - (4 - (5! + 6!))) \times 7) + 8) + 9 &= ((9 + 8!) \times 7) + (((6! + 5) \times 4) + 3!) \times 2) + 1) \\
 288117 &:= ((1 + 2)! + ((3 + 4) \times (5! + 6!))) + (7 \times 8! - 9) &= (9 - 8) \times ((7 \times (6! + (5! + (4!/3)!))) - 2 - 1) \\
 288118 &:= (1 + ((2 \times (3!! \times 4)) + (5! + 6))) + (7 \times 8! - 9) &= (((9 + 8! - (7! - (6! + 5))) \times 4) + 3) \times 2 \times 1) \\
 288119 &:= 1 + (2 \times (3 + (4 \times (5 + 6! - (7! - 8! - 9)))) &= ((9 + 8! \times 7) - (6 - 5!)) + (4 \times (3!! \times 2 - 1)) \\
 288120 &:= (1 \times 2 + 3!) \times (((4 + 5!) \times 6) - (7! - 8! + 9)) &= (9 \times 8 \times (7! - 6!)) - (5! \times ((4! \times (3! + 2)) - 1)) \\
 288121 &:= ((1 + 2 \times 3!)^4) + (5 \times ((6! + 7! + 8) \times 9)) &= ((9 - 8) - 7!) - ((6! + 5!) \times (((4! - 3!)/2) - 1)) \\
 288122 &:= 1 - ((2 \times (((3! + 4!) \times (5! - 6!)) - 7) \times 8) - 9) &= 9 + 8! + (7 \times (6! + (5! + ((4! \times 3!! \times 2) - 1))))
 \end{aligned}$$

$$\begin{aligned}
 288123 &:= 1 \times ((2 \times ((3!! \times 4) + (5 \times 6))) + (7 \times (8! + 9))) &= (((9 + 8! - (7! - (6! + 5))) \times 4) + 3!) \times 2) - 1 \\
 288124 &:= (1 + ((2 \times (3!! \times 4) + (5! - 6))) + (7 \times 8! + 9) &= (((9 + 8! - (7! - (6! + 5))) \times 4) + 3!) \times 2) \times 1 \\
 288125 &:= 1 - (2 - ((3^4 \times ((5 \times (6! - 7)) - 8)) + 9)) &= (((9 + 8! - (7! - (6! + 5))) \times 4) + 3!) \times 2) + 1 \\
 288126 &:= (1 + 2) \times (3 - ((4! - ((5! \times (6! - 7))/8)) \times 9)) &= (9 \times (8 + 7! + 6)) + ((5! + (4!/3!)) \times (2 + 1)!) \\
 288127 &:= ((1 - ((2 - (3!! + 4!)) \times 5)) + 6^7) + 8!/9 &= ((9 + 8! \times 7) - (6 - 5!)) + (4 \times (3!! \times 2 + 1)) \\
 288128 &:= (1 + (((2 \times (3!! \times 4! + (5 + 6!))) + 7) \times 8)) - 9 &= 9 + 8! + ((7 \times (6! + (5! + (4! \times 3!! \times 2)))) - 1) \\
 288129 &:= ((1 + (2 \times (3 + 4!))) \times 5!) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + ((6^5/4) \times 3)) - (2 + 1)! \\
 288130 &:= (1 + ((2 + 3!) \times ((4 + 5!) \times 6))) + (7 \times (8! - 9)) &= 9 + 8! + ((7 \times (6! + (5! + (4! \times 3!! \times 2)))) + 1) \\
 288131 &:= 1 - (2 \times (((3! + 4!) \times (5! - 6!)) - 7) \times 8) - 9)) &= (9 + 8! \times 7 + 6) + (5! + (4 \times (3!! \times 2 - 1))) \\
 288132 &:= (1 + 2 \times 3!) \times ((4 \times (5^6)) - (7 + 8! + 9)) &= ((9 + 8! - (7 - (6! + 5!))) \times (4 + 3)) - 2 \times 1 \\
 288133 &:= 1 - (2 - ((3 + 4) \times (5! + (6! - (7 - 8! - 9)))) &= (9 + ((8! \times 7!/6!) + 5!)) + (4 \times (3!! \times 2 + 1)) \\
 288134 &:= 1 - (2 - ((3 - (((4 + 5!) \times 67) - 8!)) \times 9)) &= 9 - (8 - ((7 \times (6! + (5! + ((4!/3!) + 2)))) - 1)) \\
 288135 &:= 1 - ((2 - ((3!! + 4!) \times 5)) - (6^7 + 8!/9)) &= 9 \times 8 + ((7 \times ((6! \times 5! - 4^3!)/2)) - 1) \\
 288136 &:= (1 + ((2 \times (3!! \times 4) + (5! + 6))) + (7 \times 8! + 9) &= 9 - (8 - ((7 \times (6! + (5! + ((4!/3!) + 2)))) + 1)) \\
 288137 &:= (1 + 2) + ((3 + 4) \times (5! + (6! - (7 - 8! - 9)))) &= 9 \times 8 + ((7 \times ((6! \times 5! - 4^3!)/2)) + 1) \\
 288138 &:= (((1 + ((2 + 3!)! + (4 + (5! + 6!)))) \times 7) - 8) - 9 &= 9 + 8! + (((7 - 6) + 5!) \times (4^3!/2) + 1) \\
 288139 &:= 1 + ((2 + ((3!! + 4!) \times 5)) + (6^7 + 8!/9)) &= (9 + 8! \times 7 + 6) + (5! + (4 \times (3!! \times 2 + 1))) \\
 288140 &:= (((1 + 2)!^3) \times 4!) + (5 + 6!) + (7 \times 8! - 9) &= ((9 + 8!) \times 7!/6!) + (5 + ((4! - 3!)^{2+1})) \\
 288141 &:= (((1 + ((2 + 3!)! + 4! + 5!)) \times 6) + (7! + 8!)) - 9 &= (((9 + 8!) \times 7) + ((6^5/4) \times 3)) + (2 + 1)! \\
 288142 &:= (1 + 2)! + (((3!! + 4!) \times 5) + (6^7 + 8!/9)) &= ((9 + 8!) \times 7) + ((6! + (5 \times (4^{3+2}))) - 1) \\
 288143 &:= ((1 \times 2 + 3!) \times (4! - (5 - 6!))) + (7 \times 8! - 9) &= (9 \times (8! - 7!)) - (((6! + (5! - 4!)) \times (3!^2)) + 1) \\
 288144 &:= (1 + (((2 + 3!) \times (4! - (5 - 6!))) + 7 \times 8!)) - 9 &= (9 \times (8!/(7!/6))) \times ((5 + 4!) \times ((3! - 2)! - 1)) \\
 288145 &:= (((1 \times 2 \times (3!! \times 4! + (5 + 6!))) + 7) \times 8) + 9 &= (9 \times (8! - 7!)) - (((6! + (5! - 4!)) \times (3!^2)) - 1) \\
 288146 &:= (1 + (((2 \times (3!! \times 4! + (5 + 6!))) + 7) \times 8)) + 9 &= ((9 + (8! + (7!/6 - 5))) \times (4 + 3)) - 2 \times 1 \\
 288147 &:= ((1 + ((2 + 3!! + 4!) \times 5)) + 6^7) + 8!/9 &= (9 + (8! \times 7 + 6!)) - (5 - (((4! \times 3!)^2) - 1)) \\
 288148 &:= (((1 + (2^{3!+4})) \times 5) + 6!) + (7 \times (8! + 9)) &= (((9 + (8!/7)) - 6) \times (5 \times (4 + 3!))) - 2 \times 1 \\
 288149 &:= (((1 \times 2 + 3!)! + (4 + (5! + 6!))) \times 7) - 8) + 9 &= (9 + (8! \times 7 + 6!)) - (5 - (((4! \times 3!)^2) + 1)) \\
 288150 &:= (1 - ((2 - 3!) \times (4 \times 5!))) \times ((6! + 7!/8)/9) &= ((9 - 8) + (7 \times (6! + (5! + (4 + (3! + 2)!)))) + 1 \\
 288151 &:= 1 \times (((2 + 3!) \times (4 \times 5 + 6!)) + 7 \times 8! - 9) &= (((9 \times 8) + (7!/6! + 5!)) \times ((4 + 3!!) \times 2)) - 1 \\
 288152 &:= 1 + (((2 + 3!) \times (4 \times 5 + 6!)) + 7 \times 8! - 9) &= (9 + (8! \times 7 + 6!)) + (((5! + 4!) \times (3!^2)) - 1) \\
 288153 &:= (((1 \times 2 + 3!)! + 4! + 5!) \times 6) + 7! + (8! + 9) &= (((9 \times 8) + (7!/6! + 5!)) \times ((4 + 3!!) \times 2)) + 1 \\
 288154 &:= (1 + (((2 + 3!)! + 4! + 5!) \times 6) + 7!) + (8! + 9) &= (9 + (8! \times 7 + 6!)) + (((5! + 4!) \times (3!^2)) + 1) \\
 288155 &:= ((-1 + 2 \times 3!!) - (4 - (56 \times 7!))) + 8!/9 &= (9 - 8) \times (7 \times (6! + (5! + (4 + ((3! + 2)! + 1)))) \\
 288156 &:= (((1 + ((2 + 3!)! + (4 + (5! + 6!)))) \times 7) - 8) + 9 &= 9 - (8 - (7 \times (6! + (5! + (4 + ((3! + 2)! + 1)))) \\
 288157 &:= (1 + 2 \times 3!! - (4 - (56 \times 7!))) + 8!/9 &= (9 + (8! \times 7 + 6!)) + ((5 + ((4! \times 3!)^2)) - 1) \\
 288158 &:= (((1 + 2)!^3) \times 4!) + (5 + 6!) + (7 \times 8! + 9) &= ((9 + 8! \times 7) + (6 \times ((5^4) + 3!!/2))) - 1 \\
 288159 &:= (((1 + ((2 + 3!)! + 4! + 5!)) \times 6) + (7! + 8!)) + 9 &= (9 + (8! \times 7 + 6!)) + (5 + (((4! \times 3!)^2) + 1)) \\
 288160 &:= (1 + (((2 + 3!)! / 4!) + 5!)) \times (6! - (7! - 8! / 9)) &= (9 - (8! - (7 + (6! \times (5! - 4!)))) \times (3^2 + 1) \\
 288161 &:= (1 + (2 \times (3!! + (4! \times (5! + (6! + 7!)))))) + 8!/9 &= (9 + 8! \times 7) + ((6! - (5 - 4!)) \times (3! + 2 \times 1))
 \end{aligned}$$

$$\begin{aligned}
 288162 &:= (1 - 2^{3!}) \times (4 - (((5! + 6) \times 7) + 8!)/9)) &= (9 + 8! \times 7) + (((6! - (5 - 4!)) \times (3! + 2)) + 1) \\
 288163 &:= 1 - (2 \times (((3! - 4!) \times (5 + (6! + 7!))) - 8! + 9)) &= 9 \times 8 + ((7 \times (6! + (5! - (4 - (3! + 2)!)))) - 1) \\
 288164 &:= (((1 \times 2 + 3!)! - (4 - (5! + 6!))) \times 7) + 8 \times 9 &= 9 \times 8 - (7 \times (6! - ((5! - 4) \times (3!!/2 + 1)))) \\
 288165 &:= (1 + (((2 + 3!)! - (4 - (5! + 6!)) \times 7)) + 8 \times 9 &= (9 + 8! \times 7) + (6 \times ((5^4) + (3!!/2 + 1))) \\
 288166 &:= (1 + (2 \times ((3!! \times 4) + (5! - 6)))) + (7 \times (8! - 9)) &= 9 + 8 + ((7 \times (6! + (5! + (4 + (3! + 2)!)))) + 1) \\
 288167 &:= (((12 \times (3!! - 4!)) - 5!) + (6^7 + 8)) - 9 &= (9 + ((8!/7!) + 6!)) \times ((5!/4) + (3!!/2 + 1)) \\
 288168 &:= (1 + ((2 + (3 \times (4! + 5!))) \times (6! - (7 \times 8)))) - 9 &= (9 + ((8! + 7!) \times 6)) + (((5 \times 4)^3 \times 2) - 1) \\
 288169 &:= ((1 \times 2 + 3!) \times (4! + (5 + 6!))) + (7 \times (8! - 9)) &= (9 + ((8! + 7!) \times 6)) + (((5 \times 4)^3 \times 2 \times 1) \\
 288170 &:= 1 + (((2 + 3!) \times (4 \times 5 + 6!)) + (7 \times 8! + 9)) &= (9 + ((8! + 7!) \times 6)) + (((5 \times 4)^3 \times 2) + 1) \\
 288171 &:= ((1 \times 2 \times (3!! \times 4) + 5!) - 6) + (7 \times (8! - 9)) &= (9 + 8! \times 7) + ((6 + 5!) \times (4! + ((3! - 2)! - 1))) \\
 288172 &:= 1 - ((2 \times (((3! - 4!) \times (5 + (6! + 7!))) - 8!)) + 9) &= 9 + 8 + (7 \times (6! + (5! + (4 + ((3! + 2)! + 1)))) \\
 288173 &:= (1 + 2) + ((3! + 4) \times ((5 \times (6! + 7!)) + 8 + 9)) &= (((9 + 8!) \times 7) - (6 - 5!)) + (4 \times (3!! \times 2 - 1)) \\
 288174 &:= 1 \times (2 \times (((3!! \times 4! + (5 + (6! + 7))) \times 8) - 9)) &= ((9 + 8 \times 7!) \times 6) + (5! + ((4^3) \times (2 + 1)!)) \\
 288175 &:= 1 + (2 \times (((3!! \times 4! + (5 + (6! + 7))) \times 8) - 9)) &= (9 + ((8! + (7 + (6! + 5!))) \times (4 + 3))) - (2 + 1) \\
 288176 &:= 1 - ((2 + ((3! + 4) \times (5! - 6!))) - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - (6 - 5!)) + ((4 \times 3!! \times 2) - 1) \\
 288177 &:= (1 - (2 \times (3! - ((4! + 5) \times (6 + 7!)))) - 8!/9 &= (9 + 8! \times 7) - ((6 - 5!) \times (4 \times (3! \times 2 + 1))) \\
 288178 &:= (1 + ((2 \times (3!! \times 4) + (5! - 6))) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - (6 - 5!)) + ((4 \times 3!! \times 2) + 1) \\
 288179 &:= 1 \times (2 - (((3! + 4) \times (5! - 6!)) - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7!/6!) + 5!) + (4 \times (3!! \times 2 - 1)) \\
 288180 &:= 1 + (2 - (((3! + 4) \times (5! - 6!)) - (7 \times (8! - 9)))) &= ((9 + 8) \times 7!) + (((6! \times 5)/(4!/3))^2 \times 1) \\
 288181 &:= (((1 + 2 \times 3!!) \times 4) + 5!) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - (6 - 5!)) + (4 \times (3!! \times 2 + 1)) \\
 288182 &:= 1 - (2 - (((3 + 4)! + (5! + (6! + (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7!/6!) + 5!) + ((4 \times 3!! \times 2) - 1) \\
 288183 &:= (1 - (2 \times (3 - ((4! + 5) \times (6 + 7!)))) - 8!/9 &= (((9 + 8!) \times 7) - (6! + 5!)) + ((4!/3!)/(2 + 1)!)) \\
 288184 &:= (1 + (((2 + 3!) \times ((4 + 5!) \times 6)) + 7 \times 8!)) - 9 &= (((9 + 8!) \times 7!/6!) + 5!) + ((4 \times 3!! \times 2) + 1) \\
 288185 &:= (1 \times 2 + (((3 + 4)! + 5!)) + (6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + 6 + 5!) + (4 \times (3!! \times 2 - 1)) \\
 288186 &:= (1 + ((2 + (3 \times (4! + 5!))) \times (6! - (7 \times 8)))) + 9 &= (9 + 8! \times 7) + (((6^5 + 4^{3!})/2) + 1) \\
 288187 &:= ((((-1 + 2) + 3!)^4) \times 5!) - (67 \times (8 - 9)) &= (((9 + 8!) \times 7!/6!) + 5!) + (4 \times (3!! \times 2 + 1)) \\
 288188 &:= 1 \times (((2 \times (34 - 5)) \times (6 + 7!)) - 8!/9) &= (((9 + 8!) \times 7) + 6 + 5!) + ((4 \times 3!! \times 2) - 1) \\
 288189 &:= (((1 + ((2 + 3!) \times (4 + 5!))) \times 6) + 7 \times 8!) - 9 &= (9 + (8! \times 7 + ((6! \times 5)/4))) + ((3! + (2 - 1)))! \\
 288190 &:= (1 + (2 \times ((3!! \times 4) + (5! + 6)))) + (7 \times (8! - 9)) &= (9 + (((8! - 7!/6) \times 5)/4!)) \times (3!^2 - 1) \\
 288191 &:= (-1 + (2 \times 3!^4)) + ((5 \times 6) \times (7! + 8!/9)) &= (9 \times (8! - 7!)) - (((6! + 5!) + (4!^3)) \times 2) + 1) \\
 288192 &:= ((1 + 2 \times 3! \times 4!) \times (5! + 6!)) + ((7! + 8) \times 9) &= ((9 \times 8) - 7!) - ((6! + 5!) \times (((4! - 3!)/2) - 1)) \\
 288193 &:= (((1 + 2 \times 3!!) \times 4) + (5! + 6)) + (7 \times (8! + 9)) &= (9 + ((8!/7!)^6)) + (5! \times ((4! \times (3^2)) + 1)) \\
 288194 &:= (1 \times 2 \times (3 + ((4! + 5) \times (6 + 7!)))) - 8!/9 &= ((9 \times 8) + ((7 \times (6! + (5! + (4!/3!)))) + 2)) \times 1 \\
 288195 &:= (1 + (2 \times (3 + ((4! + 5) \times (6 + 7!)))) - 8!/9 &= (9 + 8! \times 7) + (6 \times (((5! + 4) \times (3! + 2)) - 1)) \\
 288196 &:= 1 - ((2 + 3) \times ((4! \times (5 - 6! - 7)) - 8! + 9)) &= 9 + (((8! + 7) \times 6) + ((5 \times 43)^2 \times 1)) \\
 288197 &:= 1 - (2 - ((3 + 4!) \times (5^6 - (7! - 89)))) &= 9 + (((8! + 7) \times 6) + (((5 \times 43)^2) + 1)) \\
 288198 &:= 1 \times 2 \times (((3^4 + 5!) \times 6!) - (7!/8 - 9)) &= (9 + (8! + ((7! + (6! + 5)) \times (4! - 3!)))) \times 2 \times 1 \\
 288199 &:= 1 - (2 \times (((3! - 4!) \times (5 + (6! + 7!))) - 8! - 9)) &= 9 \times 8 + (7 + ((6! + 5!) \times ((4 + 3)^{2+1}))) \\
 288200 &:= (1 + (2 \times (3 + 4!))) \times (5! + ((6! + (7! + 8!))/9)) &= (9 + 8! \times 7) + (((6 \times 5!) + 4!) \times (3! + 2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 288201 &:= (1 + (2 \times (3! + ((4! + 5) \times (6 + 7!)))) - 8! / 9 &= (((9 + 8!) \times 7) + 6!) - (5 - (((4! \times 3)^2) - 1)) \\
 288202 &:= (1 + (((2 + 3!) \times ((4 + 5!) \times 6)) + 7 \times 8!)) + 9 &= (((9 + 8!) \times 7) + (6! - 5)) + ((4! \times 3)^2) \times 1 \\
 288203 &:= -1 + (2 \times (((3 \times 4^5) - 6) \times ((7 \times 8) - 9))) &= (((9 + 8!) \times 7) + 6!) - (5 - (((4! \times 3)^2) + 1)) \\
 288204 &:= 1 \times (2 \times (((3 \times 4^5) - 6) \times ((7 \times 8) - 9))) &= (9 - (8 \times 7)) \times (6! + ((5! - 4!^3) / 2 \times 1)) \\
 288205 &:= 1 + (2 \times (((3 \times 4^5) - 6) \times ((7 \times 8) - 9))) &= 9 \times 8 + ((7 \times (6! + (5! + ((4! / 3)! + 2)))) - 1) \\
 288206 &:= ((1 - (2 \times (3 - 4!))) \times (5 + (6! + 7!))) + (8! - 9) &= (((9 + 8!) \times 7) + 6!) + (((5! + 4!) \times (3!^2)) - 1) \\
 288207 &:= (((1 + ((2 + 3!) \times (4 + 5!))) \times 6) + 7 \times 8!) + 9 &= 9 \times 8 + ((7 \times (6! + (5! + ((4! / 3)! + 2)))) + 1) \\
 288208 &:= ((1 + 2)!! + (3 \times 4^5)) + (6^7 + 8! / 9) &= (((9 + 8!) \times 7) + 6!) + (((5! + 4!) \times (3!^2)) + 1) \\
 288209 &:= 1 - (2 + ((3!! + (4! - 5)) \times (6 \times (7 - 8 \times 9)))) &= (9 + 8! \times 7) + ((6! - (5! - (4! \times 3!))) / (2 + 1)) \\
 288210 &:= 1 \times 2 \times (3 \times ((4! - (5 - 6!)) \times ((7 \times 8) + 9))) &= (9 \times (8 + 7!)) + (6 \times (5! + (4! + ((3! + 2)! - 1)))) \\
 288211 &:= (((12 \times (3!! - (4! + 5))) + 6^7) - 8) - 9 &= (((9 + 8!) \times 7) + 6!) + ((5 + ((4! \times 3)^2)) - 1) \\
 288212 &:= 1 \times 2 + ((3!! + (4! - 5)) \times (6 \times ((7 \times 8) + 9))) &= (((9 + 8!) \times 7) + 6!) + (5 + (4! \times (3!^{2+1}))) \\
 288213 &:= 1 + (2 - ((3!! + (4! - 5)) \times (6 \times (7 - 8 \times 9)))) &= (((9 + 8!) \times 7) + 6!) + (5 + (((4! \times 3)^2) + 1)) \\
 288214 &:= (1 - ((2 - (((3 + 4)! / 5)) \times 6)) + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + ((6! - (5 - 4!)) \times (3! + 2))) - 1 \\
 288215 &:= 1 \times (((2 + 3!) \times (4! - (5 - 6!))) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + ((6! - (5 - 4!)) \times (3! + 2))) \times 1 \\
 288216 &:= (1 + ((2 + 3!) \times (4! - (5 - 6!)))) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + ((6! - (5 - 4!)) \times (3! + 2))) + 1 \\
 288217 &:= (1 + (((2 + 3!)! + 4! + 5!) \times 6)) + ((7! + 8) \times 9) &= (9 \times (8 + 7!)) + ((6 \times (5! + (4! + (3! + 2)!))) + 1) \\
 288218 &:= ((1 + (2 \times (34 \times 5))) \times (6! + 7)) + (8! - 9) &= (9 \times ((8 + 7!) \times 6)) + (((5! / 4!)^{3!}) + (2 - 1)) \\
 288219 &:= ((1 + 2)! \times (((3 + 4)! / 5)) - (6 - (7 \times (8! - 9)))) &= ((9 + 8!) \times 7) + (6 \times ((5^4) + (3! / 2 + 1))) \\
 288220 &:= (1 + ((2 \times ((3!! \times 4) + (5! - 6))) + 7 \times 8!)) - 9 &= 9 \times 8 + (7 \times (6! + (5! + (4 + (3! + 2 \times 1)!)))) \\
 288221 &:= (1 + (((2 + 3!)! + (4 + (5! + 6!))) \times 7)) + 8 \times 9 &= 9 \times 8 + ((7 \times (6! + (5! + (4 + (3! + 2)!)))) + 1) \\
 288222 &:= ((1 + ((2 + 3!)! + 4! + 5!)) \times 6) + ((7! + 8) \times 9) &= (9 \times (8! - 7!)) + ((6 - 5!) \times ((4^{3! - 2}) + 1)) \\
 288223 &:= (1 + 2 \times 3!) \times ((4 \times (5^6)) - (7! \times 8 + 9)) &= ((9 + 8!) \times 7) + ((6! + (5 \times 4)) \times (3! + 2 \times 1)) \\
 288224 &:= ((1 - (2 \times (3 - 4!))) \times (5 + (6! + 7!))) + (8! + 9) &= ((9 + 8!) \times 7) + (((6! + (5 \times 4)) \times (3! + 2)) + 1) \\
 288225 &:= 1 + ((2 + 3!) \times (4! - (5 - (6! - (7! - 8! - 9)))))) &= ((9 + 8!) \times 7) + ((6 + 5!) \times (4! + ((3! - 2)! - 1))) \\
 288226 &:= 1 - ((2 \times (3 - ((4! \times (5 - 6! + 7!)) + 8!))) + 9) &= (9 \times (8! - 7!)) - (((6 + 5)^4) + 3!) \times 2 \times 1 \\
 288227 &:= ((1 + ((2 + 3!)! + (4 + (5! + 6!)))) \times 7) + 8 \times 9 &= 9 \times 8 + (7 \times (6! + (5! + (4 + ((3! + 2)! + 1)))) \\
 288228 &:= 1 \times 2 \times (3 + ((4! \times (5 - 6! + 7!)) + 8! - 9)) &= (((9 + 8 \times 7) \times (6! - (5 - 4!))) + 3) \times (2 + 1)! \\
 288229 &:= (((12 \times (3!! - (4! + 5))) + 6^7) - 8) + 9 &= ((9 + 8!) \times 7) - 6! - ((5! - (4! / 3!)) / (2 + 1)!) \\
 288230 &:= 1 - ((2 + ((3! + 4) \times (5! - 6!))) - (7 \times 8! - 9)) &= ((9 + (8! + (7 + (6! + 5!)))) \times (4 + 3)) - 2 \times 1 \\
 288231 &:= 1 \times (((2 + 3) \times (4 \times 5! + 6!)) + 7 \times 8! - 9) &= ((9 + 8!) \times 7) - ((6 - 5!) \times (4 \times (3! \times 2 + 1))) \\
 288232 &:= (1 + (2 \times (3 + (4! \times (5! + 6)))))) + (7 \times (8! - 9)) &= 9 + (((((8! \times 7) / 6!) + 5) \times (4 + 3!! + 2)) + 1) \\
 288233 &:= 1 \times (2 - (((3! + 4) \times (5! - 6!)) - (7 \times 8! - 9))) &= 9 - (8 \times (7! - (6! + (5 + (4! + ((3! + 2)! - 1)))))) \\
 288234 &:= 1 + (2 - (((3! + 4) \times (5! - 6!)) - (7 \times 8! - 9))) &= ((9 + (8! + (7 + (6! + 5!)))) \times (4 + 3)) + (2 \times 1) \\
 288235 &:= 1 + (2 + (((3 + 4)! + (56 \times (7! + 8 + 9)))) &= 9 + 8! + (((7 + 6!) \times (5 - (4! - 3!! / 2))) - 1) \\
 288236 &:= ((1 + (2 \times (34 \times 5))) \times (6! + 7)) + (8! + 9) &= (9 + 8! \times 7) - (((6 - (5! + (4 \times 3!))) \times 2) + 1) \\
 288237 &:= (1 \times 2 \times ((3!! \times 4) + 5!)) + ((6 + 7 \times 8!) - 9) &= 9 + 8! + (((7 + 6!) \times (5 - (4! - 3!! / 2))) + 1) \\
 288238 &:= (1 + ((2 \times ((3!! \times 4) + (5! - 6))) + 7 \times 8!)) + 9 &= (9 + 8! \times 7) - (((6 - (5! + (4 \times 3!))) \times 2) - 1) \\
 288239 &:= (((1 + 2)! \times 3!!) - (4! - 5)) \times 67 + 8 \times 9 &= (9 \times (8! - 7!)) - (((6 + 5)^{4! / 3!}) \times 2) - 1
 \end{aligned}$$

$$\begin{aligned}
 288240 &:= (1+2) \times ((3!+4)^5 + ((6! \times 7 - 8!)/9)) &= ((9+8!) \times 7) + (((6^5 + 4^3)/2) + 1) \\
 288241 &:= (1 - ((2-3!) \times 4!)) - ((5! - (6 \times 7! - 8)) \times 9) &= (9+8! \times 7) + ((6! + 5+4!) \times (3! + 2 \times 1)) \\
 288242 &:= 1 - (((2 \times (3! \times 4) + 5) \times (6 - (7 \times 8))) + 9) &= ((9+8! \times 7) - 6) + (((5! + (4 \times 3!)) \times 2) - 1) \\
 288243 &:= 1 \times ((2 \times ((3! \times 4) + 5!)) - (6 - (7 \times 8! + 9))) &= (((9+8!) \times 7) + ((6! \times 5)/4)) + ((3! + (2-1)))! \\
 288244 &:= (1 + ((2 \times ((3! \times 4) + (5! + 6))) + 7 \times 8!)) - 9 &= (9 + (8! + 7!)) - ((6! + 5) \times (4! - (3!/2 - 1))) \\
 288245 &:= ((12 \times (3! - (4! + 5))) + (6^7 + 8)) + 9 &= (9 \times (8! - 7!)) - (((6+5)^4 - 3) \times 2) + 1 \\
 288246 &:= (1+2) \times (((3! + (4! \times 5)) \times (6! + 7)) + 8!/9) &= (9 + (8! + (((7! - 6! + 5) \times 4!) - 3!))) \times 2 \times 1 \\
 288247 &:= 1 - (2 \times (3! - ((4! \times (5 - 6! + 7!)) + 8! + 9))) &= (9+8! \times 7) + (((6! - 5!) \times (4+3!)) - (2 \times 1)) \\
 288248 &:= 1 + (((((2+3!)/4!) \times 5) + 6^7) - 89) &= 9 - ((8 \times (7! - (6! + ((5!/4) + (3! + 2!)))) + 1) \\
 288249 &:= (((12^3) \times 4) - 5!) - (6! - (7 \times (8! - 9))) &= ((9+8!) \times 7) + (6 \times (((5! + 4) \times (3! + 2)) - 1)) \\
 288250 &:= ((1+2)! + ((3! + 4) \times ((5 \times 6! - 7) \times 8) + 9)) &= 9 - ((8 \times (7! - (6! + ((5!/4) + (3! + 2!)))) - 1) \\
 288251 &:= (((1+2 \times 3! \times 4) \times (5!/6+7!)) + 8!) - 9 &= (9 - (8 \times 7)) \times ((6! + ((5! - 4^3)/2)) - 1) \\
 288252 &:= ((1+2) - (((3! + 4) \times (5! - 6!)) - (7 \times 8!))) + 9 &= (9 + (8! + (((7! - 6! + 5) \times 4!) - 3!))) \times 2 \times 1 \\
 288253 &:= 1 + ((2 \times 34) \times (5 \times 6! + (7!/8+9))) &= ((9 \times (((8+7) \times 6!) - (5! + 4) \times 3)) + 2) - 1 \\
 288254 &:= 1 \times (2 - (3 \times ((4+5! - (6! \times (7+8))) \times 9))) &= (9+8! \times 7+6) + (((5! + (4 \times 3!)) \times 2) - 1) \\
 288255 &:= (((1-2 \times 3!) + 4^5) \times 6) + (7 \times (8! - 9)) &= ((9 \times (((8+7) \times 6!) - (5! + 4) \times 3)) + 2) + 1 \\
 288256 &:= (1 + (2 \times ((3! \times 4) + 5!))) + (6 + (7 \times 8! + 9)) &= (9+8! \times 7+6) + (((5! + (4 \times 3!)) \times 2) + 1) \\
 288257 &:= 1 - (((2-34) \times 5!) - (6^7 + 8!/9)) &= 9 + (8 + (((7! + 6!) \times 5) + 4!) \times (3^2 + 1)) \\
 288258 &:= (1 - ((2^3!) - (4^5 \times 6))) + (7 \times (8! - 9)) &= ((9 + (8! + ((7! - 6! + 5) \times 4 \times 3!))) \times 2) \times 1 \\
 288259 &:= 1 + (2 \times ((3! \times (4 \times (5 - 6! + 7!))) + 8! + 9)) &= ((9 + (8! + ((7! - 6! + 5) \times 4 \times 3!))) \times 2) + 1 \\
 288260 &:= ((1 - (2 \times 3! + 4!)) \times (5!/6)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - ((6! + (5! - 4)) \times (3!^2 - 1)) \\
 288261 &:= 1 \times ((2 \times ((3! \times 4) + (5! + 6))) + (7 \times 8! + 9)) &= (9+8! \times 7) + ((6 + (5! + (4 \times 3!))) \times 2 \times 1) \\
 288262 &:= (1 + ((2 \times ((3! \times 4) + (5! + 6))) + 7 \times 8!)) + 9 &= (9+8! \times 7) + (((6 + (5! + (4 \times 3!))) \times 2) + 1) \\
 288263 &:= -1 + (((((2+3!)/4!) \times 5) + 6^7) - 8 \times 9) &= ((9+8! - (7! - ((6 \times 5!) + 4!))) \times (3! + 2)) - 1 \\
 288264 &:= 1 \times 2 \times (3 + ((4! \times (5 - 6! + 7!)) + 8! + 9)) &= ((9+8! - (7! - ((6 \times 5!) + 4!))) \times (3! + 2)) \times 1 \\
 288265 &:= 1 + (((((2+3!)/4!) \times 5) + 6^7) - 8 \times 9) &= ((9+8! - (7! - ((6 \times 5!) + 4!))) \times (3! + 2)) + 1 \\
 288266 &:= (12 \times (3! - 4!)) - (5 - (6^7 - (8+9))) &= 987 - (((6-5!) \times (((4+3)!/2)) + 1) \\
 288267 &:= 1 \times (((2 \times 3!^4) + 5) \times (((6+7) - 8)! - 9)) &= 9 + (8 + ((7! + (6! + 5)) \times (((4+3)^2) + 1))) \\
 288268 &:= (1 - (2 \times (3! - (4! \times (5! + (6+7!)))))) + (8! - 9) &= 9 - (8 - (7 \times (6! + (5! + ((4!/3)! + 21)))) \\
 288269 &:= (((1+2 \times 3! \times 4) \times (5!/6+7!)) + 8!) + 9 &= ((9+8! \times 7) - 6!) + ((5! + (4!/3)!)/(2+1)!) \\
 288270 &:= 1 \times 2 \times (3! + ((4! \times (5 - 6! + 7!)) + 8! + 9)) &= (9 + (8! + (((7! - 6! + 5) \times 4!) + 3!))) \times 2 \times 1 \\
 288271 &:= 1 - (((2-3!) - (4^5 + (6 \times (7! + 8)))) \times 9) &= ((9 \times 8) + 7) \times (6! \times 5 + (43 + (2+1)!)) \\
 288272 &:= (1 + (((2+3!)! + (4! + (5! + 6!))) \times 7)) - (8+9) &= (9 + (8! \times 7 + 6!)) + ((5! + ((4! \times 3)^2)) - 1) \\
 288273 &:= (((1+2)!^3 \times 4!) + 5!) + (6! + (7 \times 8! + 9)) &= 9 - (8 \times (7 - ((6! \times 5 + 4) \times (3^2 + 1)))) \\
 288274 &:= (1 - ((2 \times (3 - (4! \times (5! + 6)))) - (7 \times 8!))) - 9 &= (9 + (8! \times 7 + 6!)) + (5! + (((4! \times 3)^2) + 1)) \\
 288275 &:= (1 - ((2 - ((3! + 4) \times 56)) \times 7)) + 8!/9 &= (9 + 8 \times 7) \times (6! + (5 \times (4! + (3! - (2-1)))) \\
 288276 &:= ((12 \times (3! - (4! - 5))) + 6^7) - 8 \times 9 &= (9 + ((8! + 7) \times 6)) + (5 \times ((4! - 3)^{2+1})) \\
 288277 &:= (1+2)! + (((3+4!) \times 5!) + (6-7)) \times 89 &= ((9-87) - (6! + 5)) \times (((4-3!)/2) - 1) \\
 288278 &:= (((1+2)! \times (3! + 4!)) - 5^6) + (7 \times (8! + 9)) &= (9 \times (8! - 7!)) - (((6!/5 + (4! + 3))^2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 288279 &:= (1+2) \times (3!! + (((4+5^6) - (7! - 8)) \times 9)) &= (9 \times (8! - 7!)) - ((6!/5 + (4! + 3))^2 \times 1) \\
 288280 &:= (1 + (2 \times (3! \times (4 \times (5! + (6 + 7!)))))) + (8! - 9) &= (9 \times (8! - 7!)) - (((6!/5 + (4! + 3))^2) - 1) \\
 288281 &:= ((1 - ((2 + 3!)! + (4! + (5! + 6!)))) \times 7) \times (8 - 9) &= (9 - 8) \times (7 \times (6! + (5! + (4! + ((3! + 2)! - 1)))))) \\
 288282 &:= 1 \times 2 \times (((3 + 4! \times 5!) \times (6 \times 7 + 8)) - 9) &= 9 - (8 - (7 \times (6! + (5! + (4! + ((3! + 2)! - 1)))))) \\
 288283 &:= 1 - (2 \times (((3 + 4! \times 5!) \times (6 - (7 \times 8))) + 9)) &= (((9 + 8!) \times 7) - 6!) - ((5! - (4!/3)!)/(2 + 1)!) \\
 288284 &:= 1 - (2 - ((3! \times (4^5 - 6)) + (7 \times (8! - 9)))) &= 9 + 8! + (((((7! + 6 + 5!) \times 4!) - 3!) \times 2) - 1) \\
 288285 &:= (1 \times 2 \times (3 + (4! \times (5! + (6 + 7!)))))) + (8! - 9) &= 9 + 8! + (((((7! + 6 + 5!) \times 4!) - 3!) \times 2 \times 1) \\
 288286 &:= (1 + (2 \times (3 + (4! \times (5! + 6)))))) + (7 \times 8! - 9) &= 9 + 8! + (((((7! + 6 + 5!) \times 4!) - 3!) \times 2) + 1) \\
 288287 &:= 1 \times 2 - (((3! - 4^5) \times 6) - (7 \times (8! - 9))) &= (9 \times (8! - (7! \times 6/5))) - (((4!/3)!/2) + 1) \\
 288288 &:= (1 - 2^{3!}) \times (4! - (5! - (((6 - 7) \times 8!)/9))) &= 9 - 8 + ((7 \times (6! + (5! + (4! + (3! + 2)!)))) - 1) \\
 288289 &:= 1 \times (((2 + 3!)! + (4! + (5! + 6!))) \times 7) - 8 + 9) &= (9 \times (8! - (7! \times 6/5))) - (((4!/3)!/2) - 1) \\
 288290 &:= (1 \times 2 - 3!!) - ((4! \times 5! - (6^7/8)) \times 9) &= 9 + 8! + (((((7! + 6 + 5!) \times 4!) - 3) \times 2) - 1) \\
 288291 &:= ((1 + 2) - 3!!) - ((4! \times 5! - (6^7/8)) \times 9) &= 9 + 8! + (((((7! + 6 + 5!) \times 4!) - 3) \times 2 \times 1) \\
 288292 &:= (1 - ((2 \times (3 - (4! \times (5! + 6)))))) - (7 \times 8!)) + 9 &= 9 + 8! + (((((7! + 6 + 5!) \times 4!) - 3) \times 2) + 1) \\
 288293 &:= 1 \times (2 + (((3 \times 4) \times (5^6 + 7!)) + 8! - 9)) &= 9 + ((8 + (76 \times 5)) \times (4! + (3!! - (2 - 1)))) \\
 288294 &:= 1 + (2 + (((3 \times 4) \times (5^6 + 7!)) + 8! - 9)) &= ((9 + 8!) \times 7) + (((6! + 5 + 4!) \times (3! + 2)) - 1) \\
 288295 &:= 1 \times (((2 + 3!) \times (4! + (5 + 6!))) + (7 \times (8! + 9))) &= ((9 + ((8! + 7!/6)/5)) - 4) \times (3!^2 - 1) \\
 288296 &:= 1 + (((2 + 3!) \times (4! + (5 + 6!))) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6) + (((5! + (4 \times 3!!)) \times 2) - 1) \\
 288297 &:= ((1 \times 2 \times ((3!! \times 4) + 5!)) - 6) + (7 \times (8! + 9)) &= (9 + (8! \times 7 + 6!)) + ((5! + 4!) \times (3!^2 + 1)) \\
 288298 &:= (1 + (2 \times (3! \times (4 \times (5! + (6 + 7!)))))) + (8! + 9) &= (((9 + 8!) \times 7) - 6) + (((5! + (4 \times 3!!)) \times 2) + 1) \\
 288299 &:= (((1 + 2) \times 3!^4) - (5 - 6^7)) + 8!/9 &= ((9 + 8! \times 7) - 6^5) + (4!^3 + 2 \times 1) \\
 288300 &:= (1 + 2) \times ((3!!/4) + ((5! \times 6!) + (7! + 8!/9))) &= (9 + (((8! + ((7! - 6!)/5)) \times (4 + 3)) + 2)) + 1 \\
 288301 &:= 1 + (2 \times ((3 + 4! \times 5!) \times (67 - (8 + 9)))) &= (((9 + 8!) \times 7) + ((6! - 5!) \times (4 + 3!))) - 2 \times 1 \\
 288302 &:= (1 - 2 - ((3 - 4^5) \times 6)) + (7 \times (8! - 9)) &= 9 + 8! + (((((7! + 6 + 5!) \times 4!) + 3) \times 2) - 1) \\
 288303 &:= (1 \times 2 \times (3 + (4! \times (5! + (6 + 7!)))))) + (8! + 9) &= 9 + 8! + (((((7! + 6 + 5!) \times 4!) + 3) \times 2 \times 1) \\
 288304 &:= (1 + (2 \times (3 + (4! \times (5! + 6)))))) + (7 \times 8! + 9) &= 9 + 8! + (((((7! + 6 + 5!) \times 4!) + 3) \times 2) + 1) \\
 288305 &:= 1 - (2 + (((3 + 4!) \times 5!) + ((6 + 7!) - 8!)) \times 9) &= (((9 + 8!) \times 7) + ((6! - 5!) \times (4 + 3!))) + (2 \times 1) \\
 288306 &:= (1 + 2)! \times (((3 + 4^5) - (6! - (7! - 8))) \times 9) &= ((9 + ((8!/7 + 6) \times (5 \times (4 + 3!)))) - 2) - 1 \\
 288307 &:= (1 + 2)! - (((3 \times 4!) - 5) \times (6! - (7! - (8 + 9)))) &= (9 \times (8 + 7!)) - ((6! + 5) \times (4! - (3!!/2 - 1))) \\
 288308 &:= 1 \times (2 - (((3 + 4!) \times 5!) + ((6 + 7!) - 8!)) \times 9) &= (9 + 8! \times 7) - (((6! - ((5^4) \times 3!)) \times 2) + 1) \\
 288309 &:= 1 - (2 - ((3! + 4) \times ((5 \times (6! + 7! + 8)) - 9))) &= (9 + 8! \times 7) - ((6! - ((5^4) \times 3!)) \times 2 \times 1) \\
 288310 &:= ((1 - 2 \times 3!) + (4^5 \times 6)) + (7 \times (8! - 9)) &= (9 + 8! \times 7) - (((6! - ((5^4) \times 3!)) \times 2) - 1) \\
 288311 &:= 1 \times (2 + (((3 \times 4) \times (5^6 + 7!)) + 8! + 9)) &= (9 + ((8!/7 + 6) \times (5 \times (4 + 3!)))) + (2 \times 1) \\
 288312 &:= 1 \times (2 + ((3! + 4) \times ((5 \times (6! + 7! + 8)) - 9))) &= 9 \times 8 + (((7! + 6!) \times 5) + 4!) \times (3^2 + 1) \\
 288313 &:= 1 + (2 + ((3! + 4) \times ((5 \times (6! + 7! + 8)) - 9))) &= 9 - (((8!/7!) - (6^5 + 4!)) \times (3!^2 + 1)) \\
 288314 &:= 1 - (2 - ((3! \times 4^5) - (6 - (7 \times (8! - 9)))))) &= (9 + 8! - 7!) - ((6! + 5) \times (((4! - 3!!)/2) - 1)) \\
 288315 &:= (1 - (2 \times (3 - 4!))) \times (5 \times (6! + (7!/8 - 9))) &= ((9 + 8!) \times 7) + ((6 + (5! + (4 \times 3!))) \times 2 \times 1) \\
 288316 &:= (1 + (2 \times ((3!! \times 4) + (5! + 6)))) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + (((6 + (5! + (4 \times 3!))) \times 2) + 1) \\
 288317 &:= 1 \times ((2 + (3! \times 4^5)) - (6 - (7 \times (8! - 9)))) &= ((9 + ((8 + 7 \times 6) \times (5! \times 4! + 3))) \times 2) - 1
 \end{aligned}$$

$$\begin{aligned}
 288318 &:= 1 + ((2 + (3! \times 4^5)) - (6 - (7 \times (8! - 9)))) &= ((9 + ((8 + 7 \times 6) \times (5! \times 4! + 3))) \times 2) \times 1 \\
 288319 &:= 1 + (2 \times (((3 + 4! \times 5!) \times (6 \times 7 + 8)) + 9)) &= ((9 + ((8 + 7 \times 6) \times (5! \times 4! + 3))) \times 2) + 1 \\
 288320 &:= (((1 - ((2 - 3 \times 4!) \times 5!)) + 6^7) - 8) - 9 &= ((9 + 8! \times 7) - 6!) - (5! - (((4!^3)/2) - 1)) \\
 288321 &:= (1 - ((2 - 3^4) \times (5 \times 6!))) - ((7! - 8!)/9) &= ((9 + 8! \times 7) - 6!) - (5! - ((4!^3)/2 \times 1)) \\
 288322 &:= 1 - ((2 - 3) \times ((4^5 \times 6) + (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - 6!) - (5! - (((4!^3)/2) + 1)) \\
 288323 &:= 1 - ((2 - 3) - ((4^5 \times 6) + (7 \times (8! - 9)))) &= ((9 - (8 - 7)))! + (((((6 + 5!) \times 4) - 3!)^2) - 1) \\
 288324 &:= (((1 + ((2 + 3!)!/4!)) \times 5) + 6^7) - 8) - 9 &= ((9 - (8 - 7)))! + (((6 + 5!) \times 4) - 3!)^2 \times 1) \\
 288325 &:= ((1 + 2)!! + ((3 \times ((4! - 5) \times (6 + 7!)) - 8)) - 9) - 9 &= 9 + 8! - (7 - (((6 + 5!) \times 4) - 3!)^2 - 1) \\
 288326 &:= 1 - (2 - ((3! \times 4^5) + (6 + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + 6!) + ((5! + ((4! \times 3)^2)) - 1) \\
 288327 &:= (((1 - 2 \times 3!) + 4^5) \times 6) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + (6! + 5!)) + ((4! \times 3)^2) \times 1 \\
 288328 &:= (1 - ((2 - 3^4) \times (5 \times 6! - 7))) + 8!/9 &= (((9 + 8!) \times 7) + 6!) + (5! + (((4! \times 3)^2) + 1)) \\
 288329 &:= 1 \times (2 + ((3! \times 4^5) + (6 + (7 \times (8! - 9)))) &= 9 + (8 \times ((7! \times 6) + ((5! + 4! \times 3!)/(2 + 1)))) \\
 288330 &:= (1 - ((2^3!) - ((4^5 \times 6) + 7 \times 8!)) + 9 &= (9 + (((8!/7!) \times (6! \times 5)) + 4!)) \times (3^2 + 1) \\
 288331 &:= (((1 - ((2 + 3!)!/4!)) \times 5) - 6^7) \times (8 - 9) &= (((9 + (87 \times 6)) \times 543) - 2) \times 1 \\
 288332 &:= (12 - (3!! \times 4)) + ((5 \times (6 + 7)) \times (8!/9)) &= (9 + 8! \times 7) + (((6 + (5 \times 4)) \times 3)^2) - 1) \\
 288333 &:= (1 - (2^3! + (4 \times 5!))) \times (((6! - 7!)/8) + 9) &= (9 + 8! \times 7) + (((6 + (5 \times 4)) \times 3)^2 \times 1) \\
 288334 &:= 1 + 2 \times 3! + ((4^5 \times 6) + (7 \times (8! - 9))) &= (9 + 8! \times 7) + (((6 + (5 \times 4)) \times 3)^2) + 1) \\
 288335 &:= 1 \times (((2 + 3!)!/4!) \times 5) + (6^7 + (8 - 9)) &= (9 \times (8! - 7!)) + (((6 - 5!) \times (4^{3! - 2})) - 1) \\
 288336 &:= ((1 \times 2 + 3!!) \times 4!) - ((5! - (6 \times 7! - 8)) \times 9) &= (9 \times (8! - 7!)) + (((6 - 5!) \times (4^{3 + 2 - 1})) \\
 288337 &:= (1 + ((2 + 3!!) \times 4!)) - ((5! - (6 \times 7! - 8)) \times 9) &= (9 \times (8! - 7!)) + (((6 - 5!) \times (4^{3! - 2})) + 1) \\
 288338 &:= (((1 - ((2 - 3 \times 4!) \times 5!)) + 6^7) - 8) + 9 &= (((9 + 8!) \times 7) + (((6 + 5!) \times 4!) - 3!) \times 2) - 1) \\
 288339 &:= 1 + (2 \times (((3!! + (4 \times (5 - 6! + 7!))) \times 8) + 9)) &= 9 + 8! + ((7 + (((6 + 5!) \times 4) - 3!)^2) - 1) \\
 288340 &:= (1 + ((2 \times 3!) \times (4 + (5^6 + 7!)))) + (8! - 9) &= (((9 + 8!) \times 7) + (((6 + 5!) \times 4!) - 3!) \times 2) + 1) \\
 288341 &:= 1 \times (2 + (((3 + 4^5) \times 6) + (7 \times (8! - 9)))) &= 9 + 8! + (7 + (((6 + 5!) \times 4) - 3!)^2) + 1) \\
 288342 &:= (((1 + ((2 + 3!)!/4!)) \times 5) + 6^7) - 8) + 9 &= 9 - (8 + ((7 - (6^5 + 4!)) \times (3!^2 + 1))) \\
 288343 &:= ((1 + 2)!! + ((3 \times ((4! - 5) \times (6 + 7!)) - 8)) + 9) &= (((9 + (8! + 7!)) \times 6) + ((5! + 4 + 3)^2)) \times 1) \\
 288344 &:= ((1 - (2 + 3)!) \times 4!) + ((5 \times (6 + 7)) \times (8!/9)) &= ((9 + 8!) \times 7) + (((6 + 5!) \times 4!) - 3) \times 2) - 1) \\
 288345 &:= 1 \times (((2^{3! + 4}) - 5) \times 6) + 7 \times 8! - 9) &= ((9 + 8!) \times 7) + (((6 + 5!) \times 4!) - 3) \times 2 \times 1) \\
 288346 &:= 1 + (((2^{3! + 4}) - 5) \times 6) + 7 \times 8! - 9) &= ((9 + 8!) \times 7) + (((6 + 5!) \times 4!) - 3) \times 2) + 1) \\
 288347 &:= 1 - (2 + (3 \times (4 + ((5! - (6! \times (7 + 8))) \times 9)))) &= (((9 \times ((8 + 7) \times 6!) - 5!)) - 4) \times 3) - 2) + 1) \\
 288348 &:= (1 + 2)^3 + ((4^5 \times 6) + (7 \times (8! - 9))) &= (9 - (8 + 7)) \times (6! - (((5 + 4!)^3) \times 2 \times 1)) \\
 288349 &:= (((12 \times (3!! - (4! - 5))) + 6^7) - 8) + 9 &= 9 + (((8!/7 + 6) \times 5) + 4) \times (3^2 + 1)) \\
 288350 &:= ((1 + 2)!! + (3! + 4)) \times (5 - (6 \times (7 - 8 \times 9))) &= ((9 + 8! \times 7) - 6!) - ((5 - 4!) \times (3!!/2 - 1)) \\
 288351 &:= (1 + (2 \times (3!! - 4!))) \times (((5!/6 + 7) \times 8) - 9) &= (((9 + 8!) \times 7) + 6!) + ((5! + 4!) \times (3!^2 + 1)) \\
 288352 &:= (1 + ((2 \times 3!)^4)) - ((5^6 - (7! + 8!)) \times 9) &= ((9 + 8!) \times 7) + (((6 + 5!) \times (4! + (3! - 2)!)) + 1) \\
 288353 &:= ((1 + 2)!^{3!}) - (((4! + (5 - 6 \times 7!)) \times 8) - 9) &= 9 \times 8 + (7 \times (6! + (5! + (4! + ((3! + 2)! - 1)))) \\
 288354 &:= ((1 + 2) + (((3 + 4)!/5) \times 6)) + (7 \times (8! + 9)) &= (9 - (8 + 7)) \times (6! - (((5 + 4!)^3) \times 2) + 1) \\
 288355 &:= 1 \times ((2 + 3) \times (((4^5 + 6) \times 7 \times 8) - 9)) &= ((98 + (7! + (6! \times 5))) \times (4! + 3^2)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 288356 &:= 1 - (2 - ((3! \times (4^5 + 6)) + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + (((6 + 5!) \times 4!) + 3) \times 2) - 1 \\
 288357 &:= ((1 + 2)!) + ((3 \times (((4! - 5) \times (6 + 7!)) + 8)) - 9) &= (((9 + 8!) \times 7) + (((6 + 5!) \times 4!) + 3) \times 2) \times 1 \\
 288358 &:= (1 + ((2 \times 3!) \times (4 + (5^6 + 7)))) + (8! + 9) &= (((9 + 8!) \times 7) + (((6 + 5!) \times 4!) + 3) \times 2) + 1 \\
 288359 &:= 1 \times (2 + ((3! \times (4^5 + 6)) + (7 \times (8! - 9)))) &= 9 - ((8 + (7 \times (6 - 5!))) \times (4 + (3!/2 + 1))) \\
 288360 &:= 1 + (2 + ((3! \times (4^5 + 6)) + (7 \times (8! - 9)))) &= ((9 + ((8! - (7! - 6!))/5)) \times 4) \times (3^2 + 1) \\
 288361 &:= (1 + (((2 + 3)!) + (4! + (5! + 6!))) \times 7) + 8 \times 9 &= 9 \times 8 + ((7 \times (6! + (5! + (4! + (3! + 2)!)))) + 1) \\
 288362 &:= (1 + (23^4)) + (5! \times (6 - 7 + 8 \times 9)) &= ((9 + 8!) \times 7) - (((6! - ((5^4) \times 3!)) \times 2) + 1) \\
 288363 &:= (1 + 2)! - (((3! - 4^5) \times 6) - (7 \times 8! + 9)) &= (9 + 8! \times 7) + (6 \times ((5! + ((4! + 3!)^2)) - 1)) \\
 288364 &:= ((1 - 2 \times 3!) + ((4^5 \times 6) + 7 \times 8!)) - 9 &= ((9 + 8!) \times 7) - (((6! - ((5^4) \times 3!)) \times 2) - 1) \\
 288365 &:= ((12 \times (3! - (4! - 5))) + (6^7 + 8)) + 9 &= 98 + (7 \times (6! + (5! + ((4!/3!) + 21)))) \\
 288366 &:= (1 + 2 \times 3!) \times ((4 \times (5^6)) - (7 + 8! - 9)) &= (9 \times (8! - 7!)) + (6 - (5 \times ((4! - 3!)^{2+1}))) \\
 288367 &:= ((1 + ((2 + 3)!) + (4! + (5! + 6!))) \times 7) + 8 \times 9 &= 9 \times 8 + (7 \times (6! + (5! + (4! + ((3! + 2)! + 1)))) \\
 288368 &:= 1 \times (((2 + 3)!) + 4^5 \times 6) - (7 - 8! + 9) &= 9 + 8! - (((7 - (6 \times 5! - 4!)) \times 3!/2) + 1) \\
 288369 &:= (1 + (((2 + 3)!) + 4^5 \times 6)) - (7 - 8! + 9) &= ((9 + 8! \times 7) - 6!) - ((5 - 4!) \times (3!/2 \times 1)) \\
 288370 &:= (1 + ((2 \times 3!)^4 + 5 \times 6!)) + (7 \times (8! - 9)) &= 9 + 8! - (((7 - (6 \times 5! - 4!)) \times 3!/2) - 1) \\
 288371 &:= (1 \times 2 + (3! \times 4^5)) - (6 - (7 \times 8! - 9)) &= 9 - (8 - (((7! + (6^5))/4!) + 3)^2 + 1) \\
 288372 &:= (1 - 2) \times (3 - ((4^5 \times 6) + 7 \times 8! - 9)) &= (((9 + 8) \times (7! + (6! - 5!))) + 4) \times 3 + ((2 + 1)!) \\
 288373 &:= -1 \times ((2 + ((3 - 4^5) \times 6)) - (7 \times 8! + 9)) &= 9 + (((8! - 7!)/6) + 5) \times ((4 + 3)^2) - 1 \\
 288374 &:= 1 - ((2 + ((3 - 4^5) \times 6)) - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!) - (5! - (((4!^3)/2) - 1)) \\
 288375 &:= ((1 + 2) + (3 \times 4!)) \times (5 - ((6! + 7! - 8!)/9)) &= (((9 + 8!) \times 7) - 6!) - (5! - ((4!^3)/2 \times 1)) \\
 288376 &:= ((1 + 2)!) + (((3 + 4!) \times 5!) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - 6!) - (5! - (((4!^3)/2) + 1)) \\
 288377 &:= (1 \times 2 - ((3 - 4^5) \times 6)) + (7 \times 8! + 9) &= 9 + (((87 \times 6) + (5 + 4) + 3!)^2) - 1 \\
 288378 &:= (((1 + 2)!)^{3!} - (4! + 5!)) + (6 \times (7! \times 8 - 9)) &= (9 \times (8 + 7! - (6 - 5!))) + ((4!/3!) \times (2 + 1)!) \\
 288379 &:= 1 - (((2 \times ((3! - (4! + 5)) \times 6) - 7) - 8!) \times 9) &= 98 + (7 \times (6! + (5! + (4! + ((3! + 2)! - 1)))) \\
 288380 &:= 1 - (2 - ((3! \times 4^5) + ((6 + 7 \times 8!) - 9))) &= 9 + (((8! \times 7) - 6!) - (((5! - 4!^3)/2) + 1)) \\
 288381 &:= (((1 - 2 \times 3!) + 4^5 \times 6) + (7 \times (8! + 9))) &= (9 + 8! \times 7) - (6! + ((5! - 4!^3)/2 \times 1)) \\
 288382 &:= ((1 - 2 \times 3!) + ((4^5 \times 6) + 7 \times 8!)) + 9 &= 9 + (((8! \times 7) - 6!) - (((5! - 4!^3)/2) - 1)) \\
 288383 &:= 1 \times (2 + ((3! \times 4^5) + ((6 + 7 \times 8!) - 9))) &= (9 \times ((8 + (7! \times 6)) - 5!)) + ((4! \times (3! - 2)) - 1) \\
 288384 &:= 1 + (2 + ((3! \times 4^5) + ((6 + 7 \times 8!) - 9))) &= (9 \times ((8 + (7! \times 6)) - 5!)) + (4! \times (3! - (2 \times 1))) \\
 288385 &:= (1 - ((2 - 3!) \times 4!)) - ((5! - (6 \times 7! + 8)) \times 9) &= (9 \times ((8 + (7! \times 6)) - 5!)) + ((4! \times (3! - 2)) + 1) \\
 288386 &:= 1 - (2 - ((3! \times 4^5) - (6 - (7 \times 8! + 9)))) &= ((9 + 8!) \times 7) + (((6 + (5 \times 4)) \times 3)^2) - 1 \\
 288387 &:= (1 + (((2 + 3)!) + 4^5 \times 6)) - (7 - 8! - 9) &= ((9 + 8!) \times 7) + (((6 + (5 \times 4)) \times 3)^2 \times 1) \\
 288388 &:= 1 + 2 \times 3! + ((4^5 \times 6) + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6!) - ((5 - 4!) \times (3!/2 + 1)) \\
 288389 &:= 1 \times ((2 + (3! \times 4^5)) - (6 - (7 \times 8! + 9))) &= ((9 - (8 - 7)))! + ((6! - (5 + 4!)) \times (3!/2 - 1)) \\
 288390 &:= 1 - (2 - (((3! + 4) \times (5 \times (6! + 7! + 8))) - 9)) &= ((9 + ((8!/7 + 6) \times 5)) \times (4 + 3!)) \times (2 - 1) \\
 288391 &:= (12 \times (3! - 4)) - (5! - (6^7 - (8 + 9))) &= 9 + 8! - 7 + ((6! - (5 + 4!)) \times (3!/2 - 1)) \\
 288392 &:= (((1 + (2 + 3)!) + 4^5 \times 6) - (7 - 8! - 9)) &= ((9 + ((8!/7 + 6) \times 5)) \times (4 + 3!)) + (2 \times 1) \\
 288393 &:= 1 \times 2 + (((3! + 4) \times (5 \times (6! + 7! + 8))) - 9) &= ((9 + 8!) \times 7) + ((6 \times (5 + 4!)) \times (3!^2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 288394 &:= (1 + ((2 \times 3! + 4^5) \times 6)) + (7 \times (8! - 9)) &= ((9 \times ((8^{(7-6) \times 5}) - (4 + 3!))) - 2) \times 1 \\
 288395 &:= 1 \times (2 + (((3 + 4^5) \times 6) + 7 \times 8! - 9)) &= ((9 \times ((8^{(7-6) \times 5}) - (4 + 3!))) - 2) + 1 \\
 288396 &:= 1 + (2 + (((3 + 4^5) \times 6) + 7 \times 8! - 9)) &= (9 + (((8! - 7) + (6^5)) - 4!) \times 3!) - (2 + 1) \\
 288397 &:= 1 - (((2 + ((3 + 4!) \times 5!)) - (6 - (7! - 8!))) \times 9) &= (9 + (((8! - 7) + (6^5)) - 4!) \times 3!) - 2 \times 1 \\
 288398 &:= 1 - (2 - ((3! \times 4^5) + (6 + (7 \times 8! + 9)))) &= (9 + 8 \times 7!) + ((6! - (5 + 4!)) \times (3!/2 - 1)) \\
 288399 &:= (((1 + 2 \times 3!) + 4^5) \times 6) + (7 \times (8! - 9)) &= ((9 \times ((8^{(7-6) \times 5}) - (4 + 3!))) + 2) + 1 \\
 288400 &:= (1 - (((2 - 3!) - 4^5) \times 6) - (7 \times 8!)) - 9 &= (9 + (((8! - 7) + (6^5)) - 4!) \times 3!) + (2 - 1) \\
 288401 &:= (1 + (((2 + 3!)! + 4^5) \times 6) + 7) + (8! + 9) &= ((9 + (8 \times ((7! - (6! + 5!)) + (4!^3)))) \times 2) - 1 \\
 288402 &:= (((1 + 2)!^{3!}) - (4! \times 5)) + (6 \times (7! \times 8 - 9)) &= ((9 + (8 \times ((7! - (6! + 5!)) + (4!^3)))) \times 2) \times 1 \\
 288403 &:= 12 + (((3! + 4) \times (5 \times (6! + 7! + 8))) - 9) &= ((9 + (8 \times ((7! - (6! + 5!)) + (4!^3)))) \times 2) + 1 \\
 288404 &:= ((1 + 2)! \times 3!) - ((4 - (5 \times 6!)) \times (7 + 8 \times 9)) &= (((9 + 8!) \times 7) - 6!) - ((5 - 4!) \times (3!/2 - 1)) \\
 288405 &:= ((1 + 2)! \times (3! + 4^5)) - (6 - (7 \times 8! - 9)) &= (9 + (8! + 7)) + ((6! - (5 + 4!)) \times (3!/2 - 1)) \\
 288406 &:= 1 + 2 \times 3! + ((4^5 \times 6) + (7 \times 8! + 9)) &= (9 + 8! \times 7) - (((6 - 5!) \times ((4! + 3) \times 2)) - 1) \\
 288407 &:= (((1 + (2 + 3!))! - ((4 \times 5!) - 6!)) \times 7) + 8!/9 &= (9 + ((8 + (7! + 6!)) \times (5 \times (4 + 3!)))) - 2 \times 1 \\
 288408 &:= 1 - (2 - (((3! + 4) \times (5 \times (6! + 7! + 8))) + 9)) &= (9 \times ((8 + (7! \times 6)) - 5!)) + (4! \times (3! - (2 - 1))) \\
 288409 &:= 1 + (((2 + 3!)!/4!) \times 5) + (6^7 + 8 \times 9) &= (9 + ((8 + (7! + 6!)) \times (5 + (43 + 2)))) \times 1 \\
 288410 &:= 1 - (((2 - (3 \times 4)) \times 5) \times (6! + 7! + 8)) - 9 &= 9 - (((8 + (7! + 6!)) \times ((5 - (4! + 3!)) \times 2)) - 1) \\
 288411 &:= 1 \times 2 + (((3! + 4) \times (5 \times (6! + 7! + 8))) + 9) &= ((9 \times (8! - (7! - (6 - (5! \times (4! + 3!)))))) - 2) - 1 \\
 288412 &:= (1 + 2) + (((3! + 4) \times (5 \times (6! + 7! + 8))) + 9) &= ((9 \times (8! - (7! - (6 - (5! \times (4! + 3!)))))) - 2) \times 1 \\
 288413 &:= 1 - (2 + (((3 + 4!) \times 5!) - (6 - (7! - 8!))) \times 9) &= ((9 \times (8! - (7! - (6 - (5! \times (4! + 3!)))))) - 2) + 1 \\
 288414 &:= 1 + (2 + ((3! \times (4^5 - 6)) + (7 \times (8! + 9)))) &= (9 \times (8! - (7! - 6))) - (5 \times ((4! - 3!)^{2+1})) \\
 288415 &:= ((1 + 2)!^{3!}) - (((4! - (5 + 6 \times 7!)) \times 8) + 9) &= (9 + ((8 + (7! + 6!)) \times (5 \times (4 + 3!)))) + (2 + 1)! \\
 288416 &:= 1 \times 2 - (((3 + 4!) \times 5!) - (6 - (7! - 8!))) \times 9 &= (9 \times (8! - (7! - (6 - (5! \times (4! + 3!)))))) + (2 \times 1) \\
 288417 &:= 1 \times (((2^{3!+4}) - 5) \times 6) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + (6 \times ((5! + ((4! + 3!)^2)) - 1)) \\
 288418 &:= (1 - (((2 - 3!) - 4^5) \times 6) - (7 \times 8!)) + 9 &= (9 - ((8 + (7! + 6!)) \times (5 - (4! + 3!)))) \times 2 \times 1 \\
 288419 &:= 1 + ((2 + ((3 \times 4^5)) - (6! + (7 - 8! + 9))) &= ((9 + (8! - 7) \times 6) - 5!) - (4 - (3!^{(2+1)!})) \\
 288420 &:= (1 + 2)! - (((3 + 4!) \times 5!) - (6 - (7! - 8!))) \times 9 &= (9 + (8!/(7!/6))) \times ((5 \times 4) + ((3! + (2 - 1)))!) \\
 288421 &:= (((1 + (2 \times 3!^4)) \times 5) + 6^7) - 8!/9 &= (9 \times (8! - 7!)) - (((6! + 5) + (4!^3)) \times 2) + 1 \\
 288422 &:= (((1 + (2 \times (3! - 4!))) \times 5) - 6!) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - 6!) - (((5 - 4!) \times 3!/2) + 1) \\
 288423 &:= (1 \times 2 \times 3!^4) + (5 \times 6! + 7 \times 8! - 9) &= (9 \times (8! - 7!)) - (((6! + 5) + (4!^3)) \times 2) - 1 \\
 288424 &:= (1 + ((2 \times 3!^4) + 5 \times 6!)) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6!) - (((5 - 4!) \times 3!/2) - 1) \\
 288425 &:= ((1 \times 2 + ((3 \times 4^5)) - (6! - 7! \times 8)) - 9) &= (((9 + ((8 + 7 \times 6) \times 5!)) \times 4!) - 3) \times 2) - 1 \\
 288426 &:= (((1 + 2)!^{3!}) + (4! - 5!)) + (6 \times (7! \times 8 - 9)) &= (((9 + ((8 + 7 \times 6) \times 5!)) \times 4!) - 3) \times 2) \times 1 \\
 288427 &:= 1 - (2 \times (3 + (4! \times ((5! \times (6 - (7 \times 8))) - 9)))) &= 9 + 8! - 7 - ((6! - 5) \times (((4! - 3!)/2) + 1)) \\
 288428 &:= 1 - ((2 + ((3 - 4^5) \times 6)) - (7 \times (8! + 9))) &= (98/7) \times (6! + (((5! + (4! - 3!))^2) + 1)) \\
 288429 &:= (1 \times 2 - 3^4) \times (5! - (((6 \times 7!)/8) - 9)) &= ((9 \times ((8 \times ((7 + 6) - 5^4)) - 3!)) - 2) - 1 \\
 288430 &:= (((1 + ((2 + 3!)!/4!)) \times 5) + 6^7) + 89 &= (9 \times ((8 + (7! \times 6)) - 5!)) + ((4! \times 3!) - (2 \times 1)) \\
 288431 &:= 1 \times (2 - (((3 - 4^5) \times 6) - (7 \times (8! + 9)))) &= (9 \times (8! - 7!)) - (((6 \times 5!) + (4!^3)) \times 2) + 1
 \end{aligned}$$

$$\begin{aligned}
 288432 &:= 1 + (2 - (((3 - 4^5) \times 6) - (7 \times (8! + 9)))) &= (9 \times (8! - 7!)) - (((6 \times 5!) + (4!^3)) \times 2 \times 1) \\
 288433 &:= ((1 + 2)!^{3!}) - (((4! - (5 + 6 \times 7!)) \times 8) - 9) &= (9 \times (8! - 7!)) - (((6 \times 5!) + (4!^3)) \times 2) - 1) \\
 288434 &:= 1 - ((2 + (3 \times ((4 - 5!) \times (6! - 7)))) - 8! + 9) &= ((9 + 8!) \times 7) - (6! + (((5! - 4!^3)/2) + 1)) \\
 288435 &:= 1 \times ((2 \times ((3 \times 4^5) - 6)) + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6!) - (5 - (((4!^3)/2) - 1)) \\
 288436 &:= 1 + ((2 \times ((3 \times 4^5) - 6)) + (7 \times (8! + 9))) &= (((9 + 8! \times 7) - (6! + 5)) + ((4!^3)/2)) \times 1 \\
 288437 &:= 1 \times (2 - ((3 \times ((4 - 5!) \times (6! - 7))) - 8! + 9)) &= ((9 + 8! \times 7) - 6!) - (5 - (((4!^3)/2) + 1)) \\
 288438 &:= 1 + (2 - ((3 \times ((4 - 5!) \times (6! - 7))) - 8! + 9)) &= (((9 + (8!/7)) \times ((6 - 5) + 4!)) - 3!) \times 2 \times 1 \\
 288439 &:= ((1 \times 2^{3!}) + (4^5 \times 6)) + (7 \times 8! - 9) &= (9 + 8! \times 7) - ((6 - (5^4)) \times (3^2 + 1)) \\
 288440 &:= (1 + 2^{3!}) + ((4^5 \times 6) + 7 \times 8! - 9) &= (9 + 8! \times 7) - (6 \times 5! - (((4!^3)/2) - 1)) \\
 288441 &:= (1 \times 2 \times 3!^4) + (5 \times 6! + (7 \times 8! + 9)) &= (9 \times (8! - 7!)) - (((6! - 5) + (4!^3)) \times 2) + 1) \\
 288442 &:= (1 + ((2 \times 3!^4) + 5 \times 6!)) + (7 \times 8! + 9) &= (9 + 8! \times 7) - (6 \times 5! - (((4!^3)/2) + 1)) \\
 288443 &:= 1 \times 2 - (3! - ((4^5 \times 6) + (7 \times (8! + 9)))) &= (9 \times (8! - 7!)) - (((6! - 5) + (4!^3)) \times 2) - 1) \\
 288444 &:= 1 + ((2 + ((3 \times 4^5)) - (6! - (7! \times 8 + 9))) &= (((9 + (8!/7)) \times ((6 - 5) + 4!)) - 3) \times 2 \times 1 \\
 288445 &:= 1 \times ((2 + 3) \times (((4^5 + 6) \times 7 \times 8) + 9)) &= ((9 + 8! \times 7) - 6!) + ((5 + ((4!^3)/2)) - 1) \\
 288446 &:= 1 \times 2 - (3 - ((4^5 \times 6) + (7 \times (8! + 9)))) &= (((((9 + 8! - 7) + (6^5)) - 4!) \times 3!) + 2) \times 1 \\
 288447 &:= 1 - (2 - (((3 \times 4^5) - (6! - (7 + 8! + 9)))) &= ((9 + 8! \times 7) - 6!) + (5 + (((4!^3)/2) + 1)) \\
 288448 &:= (1 + (((2 \times 3! + 4^5) \times 6) + 7 \times 8!)) - 9 &= (((9 + 8!) \times 7) + ((6!/5!) \times (4^{3+2}))) + 1 \\
 288449 &:= ((12/3!) + (4^5 \times 6)) + (7 \times (8! + 9)) &= 9 + (((8 + (7! + 6!)) \times 5) + 4) \times (3^2 + 1) \\
 288450 &:= ((1 - (2^{3!} \times 4)) \times (5! - 6)) - ((7! - 8!) \times 9) &= (9 + 8! - (((7 - 6!) \times ((5! - 4) \times 3)) + 2)) - 1 \\
 288451 &:= (((1 + 2)!^{3!}) + 4 - 5!) + ((6 \times 7! \times 8) - 9) &= (9 + 8! - (((7 - 6!) \times ((5! - 4) \times 3)) + 2)) \times 1 \\
 288452 &:= 1 - (2 - ((3! \times 4^5) + (6 + (7 \times (8! + 9)))) &= (9 + 8! - (((7 - 6!) \times ((5! - 4) \times 3)) + 2)) + 1 \\
 288453 &:= (((1 + 2 \times 3!) + 4^5) \times 6) + (7 \times 8! - 9) &= (9 + 8! - ((7 - 6!) \times ((5! - 4) \times 3))) \times (2 - 1) \\
 288454 &:= (((1 + 2)! + ((3 \times 4^5)) - 6!) + (7 + 8! + 9) &= 9 + 8! + (((7 - (6 \times 5!)) \times ((4! - 3!)/2)) + 1) \\
 288455 &:= 1 \times (2 + ((3! \times 4^5) + (6 + (7 \times (8! + 9)))) &= (9 + 8! - ((7 - 6!) \times ((5! - 4) \times 3))) + (2 \times 1) \\
 288456 &:= 1 + (2 + ((3! \times 4^5) + (6 + (7 \times (8! + 9)))) &= (9 \times ((8 + (7! \times 6)) - 5!)) + (4! \times (3!! + (2 - 1))) \\
 288457 &:= (1 + 2 \times 3!) \times ((4 \times (5^6)) - 7! \times 8 + 9) &= 9 - 8 + (((76 \times 5) + 4!) \times (3!! - (2 + 1)!)) \\
 288458 &:= (1 + 2^{3!}) + ((4^5 \times 6) + (7 \times 8! + 9)) &= 9 + ((8! \times 7 + ((6! - (5!/4)) \times (3^2))) - 1) \\
 288459 &:= ((1 + 2)! - (3 \times ((4 - 5!) \times (6! - 7)))) + (8! + 9) &= (9 \times ((8! - (7 \times (6 + 5)))) - 4^{3!} \times 2) \times 1 \\
 288460 &:= 1 + 2 \times 3! + ((4^5 \times 6) + (7 \times (8! + 9))) &= 9 + (8! \times 7 + (((6! - (5!/4)) \times (3^2)) + 1)) \\
 288461 &:= (((1 + 2)!^{3!}) - 4) - (5! - ((6 \times 7! \times 8) + 9)) &= ((9 + 8 \times 7! \times 6) - 5!) - (4 - (3!^{(2+1)!})) \\
 288462 &:= 1 \times (2 \times (3!! - ((4 \times (5! - (6! - (7! - 8!)))) + 9))) &= 9 + 8! - (((7 - 6!) \times (5! - 4)) - 3) \times (2 + 1) \\
 288463 &:= 1 + (2 \times (3!! - ((4 \times (5! - (6! - (7! - 8!)))) + 9))) &= (9 + (8 \times (7! - (6 - (5! - 4)))) \times (3! + (2 - 1)) \\
 288464 &:= 1 - (2 - (((3 + 4^5) \times 6) + (7 \times (8! + 9)))) &= (((9 + 8! - 7) \times 6) - 5!) - (4 - (3!^{(2+1)!})) \\
 288465 &:= (((1 + 2)!^{3!}) - (4! \times 5)) + ((6 \times 7! \times 8) + 9) &= (9 + 8! \times 7) + ((6!/5 + 4!) \times (3!^2 + 1)) \\
 288466 &:= (1 + (((2 \times 3! + 4^5) \times 6) + 7 \times 8!)) + 9 &= ((9 \times (((8 + 7) \times 6!) - (5! - 4)) \times 3)) - 2) \times 1 \\
 288467 &:= 1 \times (2 + (((3 + 4^5) \times 6) + (7 \times (8! + 9)))) &= 9 + ((8! \times 7 + ((6! - (5 + 4!)) \times (3^2))) - 1) \\
 288468 &:= 1 + (2 + (((3 + 4^5) \times 6) + (7 \times (8! + 9)))) &= (9 \times ((8 + 7!) \times 6)) + (((5 \times 4!) + 3!)^2 \times 1) \\
 288469 &:= (((1 + 2)!^{3!}) + 4 - 5!) + ((6 \times 7! \times 8) + 9) &= (9 + 8! \times 7) + (((6! - (5 + 4!)) \times (3^2)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 288470 &:= (1 - ((2 - 3!) \times (4^5 + 6))) \times (7! / (8 \times 9)) &= (9 + 8 \times 7) \times ((6 \times ((5 \times 4) + 3!)) - (2 \times 1)) \\
 288471 &:= 1 \times ((2 \times (3! \times 4 - 5!)) + (6! + 7 \times 8! - 9)) &= ((9 + 8!) \times 7) + (6 \times ((5 + (4^{3+2})) - 1)) \\
 288472 &:= (1 + (2 \times ((3! - 4!) \times 5))) - (6! - (7 \times 8! - 9)) &= ((9 + 8) \times (7! / 6 + ((5! + 4 + 3^2))) - 1 \\
 288473 &:= (1 - (2 - 3!)) \times 4 + ((5 \times 6) \times (7! + 8! / 9)) &= ((9 + 8) \times (7! / 6 + ((5! + 4 + 3^2))) \times 1 \\
 288474 &:= (1 + 2)^3 + ((4^5 \times 6) + (7 \times (8! + 9))) &= ((9 + 8) \times (7! / 6 + ((5! + 4 + 3^2))) + 1 \\
 288475 &:= ((12 \times 3!) - 4!) - (5 - (6^7 - 8 \times 9)) &= (9 + ((8 \times (7! + (6! + 5))) / 4)) \times ((3! - 2)! + 1) \\
 288476 &:= (((1 + (2 \times (3! - 4!))) \times 5) - (6! - (7 \times 8!))) - 9 &= ((9 + 8!) \times 7) + ((6 \times (5 + (4^{3+2})) - 1) \\
 288477 &:= ((1 + 2)! \times (3! + 4^5)) - (6 - (7 \times (8! + 9))) &= (9 \times (8! + ((7 + ((6 - 5!) \times 4!)) \times 3)) - ((2 + 1)!) \\
 288478 &:= (1 + (((2 + 3) + 4^5) \times 6)) + (7 \times (8! + 9)) &= ((9 + (8! + 7!)) \times 6) - (5! - (4^{3!+2-1})) \\
 288479 &:= 1 - (2 - ((3! \times 4) + ((5 \times 6) \times (7! + 8! / 9)))) &= (9 \times ((8 + (7! \times 6)) - 5!)) + ((4! \times (3! + 2)) - 1) \\
 288480 &:= ((1 \times 2 + 3!) \times 4!) - ((5! - (6 \times 7! + 8)) \times 9) &= (((9 \times 8) + ((7! + 6!) \times 5)) - 4!) \times (3^2 + 1) \\
 288481 &:= (1 + ((2 + 3!) \times 4!)) - ((5! - (6 \times 7! + 8)) \times 9) &= (9 \times ((8 + (7! \times 6)) - 5!)) + ((4! \times (3! + 2)) + 1) \\
 288482 &:= (1 \times 2 + 3! \times 4) + ((5 \times 6) \times (7! + 8! / 9)) &= 9 + (((((8! + 7) + (6^5)) - 4!) \times 3!) - (2 - 1)) \\
 288483 &:= 1 - (2 \times (((3! \times 4) + 5) \times (6 - (7 \times 8)) + 9)) &= ((9 + 8! \times 7) - 6) + (5! \times (4 \times (3! \times 2 + 1))) \\
 288484 &:= (12 \times 3!) - (4 \times 5 - (6^7 - 8 \times 9)) &= ((9 + 8! \times 7) - 6!) - (5 \times (((4! - 3!) \times 2) + 1)) \\
 288485 &:= (1 \times 2 + (3! \times (4^5 + 6))) + (7 \times (8! + 9)) &= 9 + (((((8! + 7) + (6^5)) - 4!) \times 3!) + 2 \times 1) \\
 288486 &:= (((1 + 2)!^{3!}) + (4 \times 5!)) \times 6 + ((7! / 8) \times 9) &= (9 \times (8 + (7! + 6 + 5!))) + ((4! / 3!) \times (2 + 1)!) \\
 288487 &:= (12 \times (3! + 4)) - (5! - (6^7 - (8 + 9))) &= ((9 + ((8 + (7! + 6!)) \times 5)) \times (4 + 3!)) - (2 + 1) \\
 288488 &:= ((1 \times 2 + 3!) \times 4) + ((5 \times 6) \times (7! + 8! / 9)) &= 9 - (((((8 - (7! \times 6 / 5)) \times 4!) + 3!) \times 2) + 1) \\
 288489 &:= 1 - (2 - ((3! + 4) \times ((5 \times (6! + 7! + 8)) + 9))) &= (((9 + 8!) \times 7) - 6!) - (5 - (((4!^3) / 2) - 1)) \\
 288490 &:= (1 + (2 \times ((3! - 4!) \times 5))) - (6! - (7 \times 8! + 9)) &= 9 - (((((8 - (7! \times 6 / 5)) \times 4!) + 3!) \times 2) - 1) \\
 288491 &:= 1 - ((2 - (3 \times 4)) \times ((5 \times (6! + 7! + 8)) + 9)) &= (((9 + 8!) \times 7) - 6!) - (5 - (((4!^3) / 2) + 1)) \\
 288492 &:= 1 \times 2 + ((3! + 4) \times ((5 \times (6! + 7! + 8)) + 9)) &= ((9 + ((8 + (7! + 6!)) \times 5)) \times (4 + 3!)) + (2 \times 1) \\
 288493 &:= 1 - ((2 - (3 \times (4 \times 5))) \times ((6 + 7!) - 8 \times 9)) &= 9 + (((8! \times 7) - 6) + ((5^4) \times (3^2 + 1))) \\
 288494 &:= (((1 + (2 \times (3! - 4!))) \times 5) - (6! - (7 \times 8!))) + 9 &= ((9 + 8!) \times 7) - (6 \times 5! - (((4!^3) / 2) - 1)) \\
 288495 &:= ((1 + 2 \times 3!) \times (4 \times 5! + 6)) + (7 \times (8! - 9)) &= (9 + 8! \times 7 + 6) + (5! \times (4 \times (3! \times 2 + 1))) \\
 288496 &:= (1 + ((2 \times 3!^4) + 5 \times 6!)) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) - (6 \times 5! - (((4!^3) / 2) + 1)) \\
 288497 &:= (1 + (2^{3 \times 4})) + (5 \times (6! \times (7 + 8 \times 9))) &= (((9 \times 8) + 7) \times (6! \times 5)) + (4^{3!} + (2 - 1)) \\
 288498 &:= 1 \times 2 \times (3 + ((4! + 5) \times ((6 + 7!) - 8 \times 9))) &= (((9 \times 8) + 7) \times (6! \times 5)) + 4^{3!} + (2 \times 1) \\
 288499 &:= (((1 + 2)!^{3!}) + (4! - 5)) - (6 \times (7 - 8! + 9)) &= 9 + ((8! \times 7! / 6!) + ((5^4) \times (3^2 + 1))) \\
 288500 &:= 1 \times 2 + (3! \times (((4 + 5!) \times (6! - 7)) - 8! - 9)) &= (9 + 8! \times 7) - (6! - (((5! + (4!^3)) / 2) - 1)) \\
 288501 &:= (((1 + 2)!^3) \times (4! + 5)) + 6 + (7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6!) + (5 + (((4!^3) / 2) + 1)) \\
 288502 &:= 1 - (((2 - (3^4 \times 5)) \times (6! + 7)) + 8! / 9) &= 9 + (((8! \times 7) - 6!) + (((5! + (4!^3)) / 2) + 1)) \\
 288503 &:= 1 - (2 + ((3 + (4^5 + (6 - 7!))) \times 8 \times 9)) &= (9 \times 8 \times 7) + (((6! - 5!) \times (4 \times ((3 + 2)!))) - 1) \\
 288504 &:= 1 \times 2 \times (3! + ((4! + 5) \times ((6 + 7!) - 8 \times 9))) &= ((9 \times (8 + (7 \times (6 + 5!)))) + 4) \times (3! \times (2 + 1)!) \\
 288505 &:= (((1 + 2)!^{3!}) - (4 \times 5 + (6 \times (7 - 8!)))) - 9 &= (9 + 8! \times 7) + (6 + ((5^4) \times (3^2 + 1))) \\
 288506 &:= 1 \times (2 - ((3 + (4^5 + (6 - 7!))) \times 8 \times 9)) &= (9 \times (8! - (7! + 6))) - ((5! \times (4 + 3!)) / (2 + 1)) \\
 288507 &:= 1 \times ((2^{3 \times 4}) - (5 - (6^7 + 8! / 9))) &= (9 + 8! \times 7) + (6 \times (((5 + 4!) \times (3!^2)) - 1))
 \end{aligned}$$

$$\begin{aligned}
 288508 &:= (1 + (2^{3 \times 4})) - (5 - (6^7 + 8!/9)) &= (((9 \times ((8!/7!) + 6!)) + 5) \times 4) \times ((3! \times 2) - 1) \\
 288509 &:= 1 \times ((2 \times (((3!! \times 4) + 5) \times (6 \times 7 + 8))) + 9) &= 9 + ((8 + 7 \times 6) \times ((5 + (4 \times 3!!)) \times 2 \times 1)) \\
 288510 &:= 1 + ((2 \times (((3!! \times 4) + 5) \times (6 \times 7 + 8))) + 9) &= 9 + (((8 + 7 \times 6) \times ((5 + (4 \times 3!!)) \times 2)) + 1) \\
 288511 &:= 1 \times (2^{3!} + ((4^5 \times 6) + (7 \times (8! + 9)))) &= ((9 + ((8! + 7) \times 6)) - 5!) + (4 + (3!^{(2+1)!})) \\
 288512 &:= (1 + 2^{3!}) + ((4^5 \times 6) + (7 \times (8! + 9))) &= ((9 + 8!) \times 7) + (((6! - (5!/4)) \times (3^2)) - 1) \\
 288513 &:= 1 - (2^{3!} \times ((4 \times ((5 - 6) \times 7)) - 8!/9)) &= (9 + (((8! - 7) + (6^5)) - 4) \times 3!) - (2 + 1)! \\
 288514 &:= (((1 + 2)!^{3!}) + 4 - 5!) + (6 \times (7! \times 8 + 9)) &= ((9 + 8!) \times 7) + (((6! - (5!/4)) \times (3^2)) + 1) \\
 288515 &:= 1 + (2 + 3!!/\sqrt{4}) \times ((5! - 6) \times 7 + 8 - 9) &= ((9 + 8) \times ((7!/6!)^5)) + (4 \times (3!! - 21)) \\
 288516 &:= (((1 + 2)!^{3!}) - 4) - (5 + ((6 \times (7 - 8!)) + 9)) &= (9 + (((8! - 7) + (6^5)) - 4) \times 3!) - (2 + 1) \\
 288517 &:= 1 \times ((2^{3 \times 4}) + (5 + (6^7 + 8!/9))) &= ((9 + ((8 + 7 \times 6) \times (5 + (4 \times 3!!)))) \times 2) - 1 \\
 288518 &:= (1 + ((2^{3 \times 4}) + (5 + 6^7))) + 8!/9 &= ((9 + ((8 + 7 \times 6) \times (5 + (4 \times 3!!)))) \times 2) \times 1 \\
 288519 &:= 1 \times (((2 \times 3! + 4^5) \times 6) + (7 \times (8! + 9))) &= (9 \times (8! - 7!)) - (((6! + 5) \times (4 + 3!^2)) + 1) \\
 288520 &:= (1 + ((2 \times 3! + 4^5) \times 6)) + (7 \times (8! + 9)) &= 9 + (((8 + (7 \times (6! + 5!))) \times ((4 + 3!^2)) - 1) \\
 288521 &:= (1 - (((2^{3!}) - 4!) \times (5 + 6!))) - ((7! - 8!) \times 9) &= ((9 + 8!) \times 7) + (((6! - (5 + 4!)) \times (3^2)) - 1) \\
 288522 &:= 1 \times 2 \times (3 \times ((4! \times (5! - 6)) + (7! + 8! - 9))) &= (9 + (((8! - 7) + (6^5)) - 4) \times 3!) + (2 + 1) \\
 288523 &:= (((1 + 2)!^{3!}) - 4) - (((5 - 6 \times 7!) \times 8) + 9) &= ((9 + 8!) \times 7) + (((6! - (5 + 4!)) \times (3^2)) + 1) \\
 288524 &:= (((1 + 2)!^{3!}) - (4! - 5)) - ((6 \times (7 - 8!)) - 9) &= (9 + (((8! - 7) \times 6) + 5)) - (4! - (3!^{(2+1)!})) \\
 288525 &:= (((1 + 2 \times 3!) + 4^5) \times 6) + (7 \times (8! + 9)) &= (((9 + (8! + 7)) + (6^5)) - 4!) \times 3! - (2 + 1) \\
 288526 &:= (((1 + 2)!^{3!}) - 4) + (5 - ((6 \times (7 - 8!)) + 9)) &= (((9 + (8! + 7)) + (6^5)) - 4!) \times 3! - 2 \times 1 \\
 288527 &:= ((1 - ((2 + 3!) \times 4)) \times (5! - (6! - 7))) + 8!/9 &= (9 \times (8! - 7!)) - (((6! \times 5 + 4!) \times (3! + 2)) + 1) \\
 288528 &:= 1 \times (2 \times (3!! + (4! \times (5 + ((6! - (7 \times 8) \times 9)))))) &= (9 \times (8! - 7!)) - (((6! \times 5 + 4!) \times (3! + 2 \times 1)) \\
 288529 &:= (1 - ((2 + 3!) \times (4! + 5 \times 6!))) - ((7! - 8!) \times 9) &= (((9 + (8! + 7)) + (6^5)) - 4!) \times 3! + 2) - 1 \\
 288530 &:= 1 \times (2 - (3 \times (4^5 - (6! \times ((7 + 8) \times 9)))))) &= (9 + (((8 + (7! + 6!)) \times 5) + 4)) \times (3^2 + 1) \\
 288531 &:= (((1 + 2)!^{3!}) + 4) - (((5 - 6 \times 7!) \times 8) + 9) &= (((9 + (8! + 7)) + (6^5)) - 4!) \times 3! + 2) + 1 \\
 288532 &:= 1 - (((2 - ((3 + 4)!)/(5 + 6)) \times (7!/8)) + 9) &= (((-9 + 8!) \times 7) - 6!) - (5 \times (4! - (3!! \times 2 - 1))) \\
 288533 &:= ((12 \times 3!!) + 4!) + ((5 + 6^7) - 8 \times 9) &= (9 - (8 \times 7)) \times (6! + ((5 - 4!) \times (3!!/2 + 1))) \\
 288534 &:= 1 \times (2 \times ((3 \times (((4 + 5!) \times (6! - 7)) - 8!)) - 9)) &= 9 - (8 - (7 \times (((6! \times 5)/4) + ((3! + 2)! - 1)))) \\
 288535 &:= 1 + (2 \times ((3 \times (((4 + 5!) \times (6! - 7)) - 8!)) - 9)) &= (9 + ((8!/7!) + 6)) \times (((5! - 4!/3)^2) + 1) \\
 288536 &:= 1 - (((2 - ((3! + 4) \times (5 \times 6! + 7))) \times 8) + 9) &= 9 + ((8! \times 7 + (6^5)) - (((4! + 3!!) \times 2) + 1)) \\
 288537 &:= ((1 + 2)!^3) + ((4^5 \times 6) + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6) + (5! \times (4 \times (3! \times 2 + 1))) \\
 288538 &:= (1 + ((2 \times 3!! - 4!) \times 5)) - (6! - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6!) - (5 \times (((4! - 3!!) \times 2) + 1)) \\
 288539 &:= (12 \times 3!!) - (4 \times 5 - (6^7 - (8 + 9))) &= (9 \times 8 \times (7 + 6!)) + (((5! \times 4) + 3!)^2) - 1 \\
 288540 &:= 1 \times 2 \times (3!! - ((4! + 5) \times (6! - ((7!/8) \times 9)))) &= ((9 \times ((8 + 7!) + (6^5)))/4) \times (3^2 + 1) \\
 288541 &:= (((1 + 2 \times 3!!) \times 4) - (5! - 6!)) + (7 \times (8! - 9)) &= (9 \times 8 \times (7 + 6!)) + (((5! \times 4) + 3!)^2) + 1 \\
 288542 &:= (((1 + 2 \times 3!! - 4!) \times 5) - 6!) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - 6!) - ((5 \times ((4! - 3!!) \times 2)) + 1) \\
 288543 &:= (((1 + 2)!/3) \times (4! + 5)) - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) - (5 \times ((4! - 3!!) \times 2 \times 1)) \\
 288544 &:= (1 + (2 \times ((3!! - 4!) \times 5))) - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) - ((5 \times ((4! - 3!!) \times 2)) - 1) \\
 288545 &:= 1 \times 2 + ((3! \times (((4 + 5!) \times (6! - 7)) - 8!)) - 9) &= 9 + ((8 \times (7! \times 6 - (5!/4!))) + (3!^{(2+1)!}))
 \end{aligned}$$

$$\begin{aligned}
 288546 &:= (1+2) + ((3! \times (((4+5!) \times (6!-7)) - 8!)) - 9) &= (((((9-(8-7)))! + (6^5)) - 4) \times 3!) - (2+1)! \\
 288547 &:= 1 - (2 - ((3!! - 4) \times (((5 \times (6!+7)) - 8)/9))) &= ((9+8!) \times 7) - (6 - ((5^4) \times (3^2 + 1))) \\
 288548 &:= (1+2 \times 3!) \times ((4 \times (5^6)) + (7-8!+9)) &= (((9+8!) \times 7) - 6!) - (5 \times (((4!-3!!) \times 2) - 1)) \\
 288549 &:= ((1+2 \times 3!) \times (4 \times 5!+6)) + (7 \times 8! - 9) &= (((9+8!) \times 7) + 6) + (5! \times (4 \times (3! \times 2 + 1))) \\
 288550 &:= 1 \times (2 + ((3!! - 4) \times (((5 \times (6!+7)) - 8)/9))) &= 9 + (8! \times 7 + (((6! - 5 \times 4) \times (3^2)) + 1)) \\
 288551 &:= 1 + (2 + ((3!! - 4) \times (((5 \times (6!+7)) - 8)/9))) &= ((((((9-(8-7)))! + (6^5)) - 4) \times 3!) - 2) + 1 \\
 288552 &:= 1 \times (2 \times (3!! - (4 \times (5! - (6! - (7! - 8! - 9)))))) &= (9 + ((8! + 7!) \times 6)) + (((5! + (4!/3))^2) - 1) \\
 288553 &:= 1 + (2 \times (3!! - (4 \times (5! - (6! - (7! - 8! - 9)))))) &= ((9+8!) \times 7!/6!) + ((5^4) \times (3^2 + 1)) \\
 288554 &:= (1 - ((2 - ((3!+4) \times (5 \times 6!+7))) \times 8)) + 9 &= ((9+8!) \times 7) - (6! - (((5! + (4!^3))/2) - 1)) \\
 288555 &:= (((1+2)!^{3!}) - 4) - (5 - (6 \times (7+8! - 9))) &= ((9+8!) \times 7) - (6! - (((5! + (4!^3))/2) \times 1)) \\
 288556 &:= (((1+2)!^{3!}) - (4! + (5 - (6 \times 7! \times 8)))) + 9 &= ((9+8!) \times 7) - (6! - (((5! + (4!^3))/2) + 1)) \\
 288557 &:= (1+2)! + (((3!+4) \times ((5 \times 6!+7) \times 8)) - 9) &= (9+8! \times 7) + (((6! + (5-4!)) \times (3^2)) - 1) \\
 288558 &:= (((1+2)!^{3!}) - 4) - (5 - ((6 \times 7! \times 8) - 9)) &= (9 + ((8! + 7!) \times 6)) + (5 + (4^{3!+2-1})) \\
 288559 &:= (((1-2) + 3^4) \times (5 \times 6!+7)) + (8-9) &= ((9+8!) \times 7) + (6 + ((5^4) \times (3^2 + 1))) \\
 288560 &:= ((1-2) + 3^4) \times (5 \times 6! - (7 \times (8-9))) &= ((9+8! \times 7) - 6!) + ((5! + ((4!^3)/2)) - 1) \\
 288561 &:= (1 - (2 \times ((3!! + 4) \times (5!/6)))) - ((7! - 8!) \times 9) &= ((9+8!) \times 7) + (6 \times (((5+4!) \times (3!^2)) - 1)) \\
 288562 &:= (((1+2) + (3 \times (4! \times 5!))) + 6^7) - 8 - 9 &= ((9+8! \times 7) - 6!) + (5! + (((4!^3)/2) + 1)) \\
 288563 &:= (((1+2)! + (3^4 \times 5)) \times (6! - 7)) - 8!/9 &= 9 - (((8! + ((7-6!) \times (5!+4))) \times 3!) - (2 \times 1)) \\
 288564 &:= (1+2)! \times ((3!^{4-5+6}) + (7+8! - 9)) &= 9 + 8 + (7 \times (((6! \times 5)/4) + ((3!+2)! + 1))) \\
 288565 &:= (((1+2)!^{3!}) - 4) + (5 + (6 \times (7+8! - 9))) &= 9 + (((8 \times (7! \times 6)) - 5 \times 4) + (3!^{(2+1)!})) \\
 288566 &:= 1 - (2 - ((3! \times ((4! \times (5! - 6)) + (7! + 8!))) - 9)) &= ((9+8!) \times 7) + (((6 \times (5+4!)) \times (3!^2)) - 1) \\
 288567 &:= ((1+2 \times 3!) \times (4 \times 5!+6)) + (7 \times 8!+9) &= (9+8! \times 7) + ((6 + (5! \times 4)) \times (3! \times 2 + 1)) \\
 288568 &:= (1 + (((2 + (3^4 \times 5)) \times 6!) + 7)) - 8!/9 &= ((9+8!) \times 7) + (((6 \times (5+4!)) \times (3!^2)) + 1) \\
 288569 &:= (1 \times 2 + (3! \times ((4! \times (5! - 6)) + (7! + 8!)))) - 9 &= (((9+8! - 7) \times 6) + 5) - (4! - (3!^{(2+1)!})) \\
 288570 &:= 1 \times 2 \times ((3 \times (((4+5!) \times (6! - 7)) - 8!)) + 9) &= 9 + (((8! - 7) + (6^5 + 4)) \times 3!) + (2 + 1)) \\
 288571 &:= 1 \times (2 + (((3!+4) \times ((5 \times 6!+7) \times 8)) + 9)) &= (9 + (8 \times ((7 + (6! \times 5)) \times (4 + 3!)))) + (2 \times 1) \\
 288572 &:= 1 + (2 + (((3!+4) \times ((5 \times 6!+7) \times 8)) + 9)) &= 9 - (((8-7) - (6^5 + 4!)) \times (3!^2 + 1)) \\
 288573 &:= (1+2)! + ((3! \times ((4! \times (5! - 6)) + (7! + 8!))) - 9) &= ((9+8!) \times 7) + (6 + ((5+4!) \times (3!^{2+1}))) \\
 288574 &:= ((1 \times 2 - (3 \times (4! \times 5!))) - 6^7) \times (8-9) &= ((9 \times 8 \times 7) \times (6! - 5!)) - (4!^3 + 2 \times 1) \\
 288575 &:= (1+2)! + (((3!+4) \times ((5 \times 6!+7) \times 8)) + 9) &= (9 \times (8! - (7! + (6!/5)))) - (4!^3 \times 2 + 1) \\
 288576 &:= 1 - ((2 - (3 \times (4! \times 5!))) - (6^7 - 8 + 9)) &= ((9+8! \times 7) + (6^5)) - (((4+3!!) \times 2) + 1) \\
 288577 &:= 1 \times 2 + ((3 \times (4! \times 5!)) + (6^7 + (8-9))) &= (9 \times (8! - (7! + (6!/5)))) - (4!^3 \times 2 - 1) \\
 288578 &:= (1 \times 2 + (3 \times (4! \times 5!))) - (6^7 \times (8-9)) &= 9 + ((8! \times 7 + (6^5)) - (((4+3!!) \times 2) - 1)) \\
 288579 &:= 1 - (((2 + (3 \times (4! \times 5!))) + 6^7) \times (8-9)) &= (((9+8! - 7) \times 6) - 5) - (4 - (3!^{(2+1)!})) \\
 288580 &:= ((1 - 2 \times (3!! + 4)) \times (5!/6)) - ((7! - 8!) \times 9) &= (((9+8! \times 7) + (6^5)) - (4 + 3!! \times 2)) - 1 \\
 288581 &:= 1 + (((2-3!) + (4^5 \times 6)) \times ((7 \times 8) - 9)) &= (((9+8! \times 7) + (6^5)) - (4 + 3!! \times 2)) \times 1 \\
 288582 &:= 1 \times (2 \times (((3!+4! \times 5!) \times (6 \times 7+8)) - 9)) &= (((9+8! \times 7) + (6^5)) - 4) - (3!! \times 2 - 1) \\
 288583 &:= 1 + (2 \times (((3!+4! \times 5!) \times (6 \times 7+8)) - 9)) &= 9 + (((8! + (7! - ((6-5!) \times 4!))) \times 3!) - (2 \times 1))
 \end{aligned}$$

$$\begin{aligned}
 288584 &:= 1 - (2 - ((3! \times ((4! \times (5! - 6)) + (7! + 8!))) + 9)) &= ((9 + 8! \times 7) + (6^{5!/4!})) - (3! \times 2 + 1) \\
 288585 &:= ((1 + 2)! \times (3!^4 - 5!)) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) + ((6!/5!)^4) + ((3! + (2 - 1)))! \\
 288586 &:= (((1 + 2)!^{3!}) + (4! - 5)) + ((6 \times 7! \times 8) - 9) &= 9 - ((8 \times (7! + ((6 \times (5! - 4!^3))/2))) - 1) \\
 288587 &:= 1 \times (2 + ((3! \times ((4! \times (5! - 6)) + (7! + 8!))) + 9)) &= 9 + (8! + (((7^6) + ((5 + 4) \times 3!)) \times 2 \times 1)) \\
 288588 &:= 1 + (2 + ((3! \times ((4! \times (5! - 6)) + (7! + 8!))) + 9)) &= ((9 + 8! \times 7) + (6^5 + 4)) - (3! \times 2 + 1) \\
 288589 &:= (((1 + 2)!^{3!}) - 4) + (5 - (6 \times (7 - 8! - 9))) &= ((9 + 8! \times 7) + (6^5)) - (4 \times (3!/2 - 1)) \\
 288590 &:= (((1 + 2)!^{3!}) - (4! - 5)) + ((6 \times (7 + 8!)) - 9) &= (((9 + 8!) \times 7) + (6^5)) - (((4! + 3!) \times 2) + 1) \\
 288591 &:= (1 + 2)! + ((3! \times ((4! \times (5! - 6)) + (7! + 8!))) + 9) &= (9 \times ((8 + 7!) \times 6)) + (((5 \times 4)^3 \times 2) - 1) \\
 288592 &:= (1 + ((2 \times 3! - 4!) \times 5)) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6^5)) - (((4! + 3!) \times 2) - 1) \\
 288593 &:= (((1 + 2) \times (3! + 4! \times 5!)) + (6^7 + 8)) - 9 &= (9 + (8! \times 7 + 6!)) + (((5^4) \times (3^2)) - 1) \\
 288594 &:= 1 \times 2 \times ((3 \times ((4! \times (5! - 6)) + (7! + 8!))) + 9) &= ((9 + 8! \times 7) + (6^5)) + (((4 - 3!) \times 2) + 1) \\
 288595 &:= (((1 + 2 \times 3!) \times 4) - (5! - 6!)) + (7 \times 8! - 9) &= (9 + 8! \times 7) + (6! + (((5^4) \times (3^2)) + 1)) \\
 288596 &:= (((1 + 2 \times 3! - 4!) \times 5) - 6!) + (7 \times 8! - 9) &= (9 + 8! + ((7^6) + ((5 - 4!) \times 3!))) \times 2 \times 1 \\
 288597 &:= 1 \times (((2 \times 3!) \times (4! + (5^6 + 7!))) + 8! + 9) &= ((9 + (8! + 7!)) \times 6) + (((5! + (4!/3))^2) - 1) \\
 288598 &:= (1 + ((2 \times 3!) \times (4! + (5^6 + 7!)))) + (8! + 9) &= ((9 + (8! + 7!)) \times (6!/5!)) + (4^{3!+2-1}) \\
 288599 &:= (((1 + 2)! + (3 \times (4! \times 5!))) + (6^7 + 8)) + 9 &= ((9 + (8! + 7!)) \times 6) + (((5! + (4!/3))^2) + 1) \\
 288600 &:= (1 + 2 \times 3!) \times (((4! \times (5 - 6!)) - 7!) \times (8 - 9)) &= (((9 \times 8) - 7!/6!) \times 5) \times (4! \times (3!^2 + 1)) \\
 288601 &:= (((1 + 2)!^{3!}) - 4!) + (((5 + 6 \times 7!) \times 8) + 9) &= (((9 + 8) \times ((7!/6!)^5)) + (4 \times 3!)) + (2 \times 1) \\
 288602 &:= (1 - 2) + (3^4 \times ((5 \times (6! + 7)) - 8 \times 9)) &= ((9 + 8!) \times 7) + (((6! - 5 \times 4) \times (3^2)) - 1) \\
 288603 &:= ((1 + 2)^3) \times (((4! + (5! \times (6! - 7)))/8) - 9) &= ((9 + 8! \times 7) - 6) + (5! \times ((4! + 3) \times 2 - 1)) \\
 288604 &:= (((1 + 2)!^{3!}) + (4! - 5)) + ((6 \times 7! \times 8) + 9) &= (((9 - (8! + ((7 - 6!) \times (5! + 4)))) \times 3!) - 2) \times 1 \\
 288605 &:= 1 \times 2 + (3^4 \times ((5 \times (6! + 7)) - 8 \times 9)) &= (((9 - (8! + ((7 - 6!) \times (5! + 4)))) \times 3!) - 2) + 1 \\
 288606 &:= 1 \times 2 \times (3 \times (((4 + 5!) \times (6! - 7)) - 8! + 9)) &= ((9 - (8! + ((7 - 6!) \times (5! + 4)))) \times 3) \times 2 \times 1 \\
 288607 &:= (((1 + 2)!^{3!}) + (4! - 5)) - (6 \times (7 - 8! - 9)) &= ((9 - (8! + ((7 - 6!) \times (5! + 4)))) \times 3!) + (2 - 1) \\
 288608 &:= 1 \times 2 + (3! \times (((4 + 5!) \times (6! - 7)) - 8! + 9)) &= ((9 + 8! \times 7) - 6!) - ((5 \times (4! - 3!) \times 2) + 1) \\
 288609 &:= ((1 + 2)!^3) + ((4^5 \times 6) + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) + (5! \times (((4! + 3!) \times 2) - 1)) \\
 288610 &:= (1 + ((2 \times 3! - 4!) \times 5)) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) - ((5 \times (4! - 3!) \times 2) - 1) \\
 288611 &:= (((1 + 2) \times (3! + 4! \times 5!)) + (6^7 + 8)) + 9 &= ((9 + 8!) \times 7) + (((6! + (5 - 4!)) \times (3^2)) - 1) \\
 288612 &:= 1 \times (((2 \times ((3! + 4) + 5^6)) - 7!/8) \times 9) &= (9 + (((8! + 7) + (6^5)) - 4) \times 3) \times 2 \times 1 \\
 288613 &:= 1 + (((2 \times ((3! + 4) + 5^6)) - 7!/8) \times 9) &= ((9 + 8!) \times 7) + (((6! + (5 - 4!)) \times (3^2)) + 1) \\
 288614 &:= (((1 + 2 \times 3! - 4!) \times 5) - 6!) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) - 6!) + ((5! + ((4!^3)/2)) - 1) \\
 288615 &:= (1 + 2) \times (3! - (((4! - 5) \times (6 - (7! - 8))) + 9)) &= ((9 \times (8 + (7! \times 6))) + ((5! + (4!/3))^2)) - 1 \\
 288616 &:= ((1 + 2)! + (((3! - 4!) \times 5) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) - 6!) + (5! + (((4!^3)/2) + 1)) \\
 288617 &:= (1 \times 2 \times ((3! - 4) \times 5)) - (6! - (7 \times (8! - 9))) &= ((9 \times (8 + (7! \times 6))) + ((5! + (4!/3))^2)) + 1 \\
 288618 &:= ((1 + (2 \times ((3! - 4) \times 5))) - 6!) + (7 \times (8! - 9)) &= ((9 + ((8 + 7 \times 6) \times (5! \times 4! + 3!))) \times 2) \times 1 \\
 288619 &:= 1 + (2 \times (((3! + 4! \times 5!) \times (6 \times 7 + 8)) + 9)) &= 9 \times 8 + (7 \times (((6! \times 5)/4) + ((3! + 2)! + 1))) \\
 288620 &:= (((1 + 2)! \times 3!) + 4) - (5! - (6^7 + 8!/9)) &= (((9 + 8) \times ((7!/6!)^5)) + (4 \times 3!)) + 21 \\
 288621 &:= ((1 + 2 \times 3!) \times (4 \times 5! + 6)) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + ((6 + (5! \times 4)) \times (3! \times 2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 288622 &:= (((1 + (2 \times (3!! - 4))) \times 5) - 6!) + (7 \times (8! - 9)) &= 9 + (((8! + 7) \times 6) - (5!/4!)) + (3!^{(2+1)!}) \\
 288623 &:= (-1 \times ((2 + 3)! \times (4 \times (5! - 6!)))) + (7 \times 89) &= 9 + (((8! + 7) \times (6!/5!)) - 4) + (3!^{(2+1)!}) \\
 288624 &:= (((1 + 2)!^{3!}) + 4! + 5!) - (6 \times (7 - 8! + 9)) &= 9 + 8 + (7 + ((6! - 5!) \times ((4 \times (3 + 2)!) + 1))) \\
 288625 &:= 1 + (((2 \times 3!)^4 - 5!) \times ((6 + 7) - 8 + 9)) &= (9 + (((8! + 7) + (6^{5!/4!})) \times 3!)) - 2 \times 1 \\
 288626 &:= 1 - (2 + ((3 - (4^5 \times 6)) \times ((7 \times 8) - 9))) &= (9 + 8) \times (((7! - 6) + 5^4) \times 3) + (2 - 1) \\
 288627 &:= (((1 + 2)! \times (3!!/4) - 5) \times 6) + (7 \times (8! - 9)) &= (9 + ((8 + 7) \times (6! + (5! - 4)))) \times ((3! - 2)! - 1) \\
 288628 &:= (((1 + 2)!^{3!}) + (4! - 5)) + ((6 \times (7 + 8!)) - 9) &= (9 + (((8! + 7) + (6^{5!/4!})) \times 3!) + 2) - 1 \\
 288629 &:= 1 - (2 - (3! \times ((4! \times (5! - 6)) + (7! + 8! + 9)))) &= (9 + (((8! + 7) + (6^{5!/4!})) \times 3!) + 2) \times 1 \\
 288630 &:= 1 \times 2 \times (3 \times ((4! \times (5! - 6)) + (7! + 8! + 9))) &= (9 + (((8!/7 + 6) \times 5) + 4!)) \times (3^2 + 1) \\
 288631 &:= (((1 + 2)!^{3!}) + 4!) + (((5 + 6 \times 7!) \times 8) - 9) &= ((9 \times 8! - ((7! \times 6 - 5!)/4) + 3!)) + 2) - 1 \\
 288632 &:= 1 \times 2 + (3! \times ((4! \times (5! - 6)) + (7! + 8! + 9))) &= ((9 \times 8! - ((7! \times 6 - 5!)/4) + 3!)) + 2) \times 1 \\
 288633 &:= (1 + ((2^{3 \times 4}) + (5! + 6^7))) + 8!/9 &= ((9 \times 8! - ((7! \times 6 - 5!)/4) + 3!)) + 2) + 1 \\
 288634 &:= (((1 + 2)!^{3!}) + 4) + ((5 - (6 - 7)) \times (8! + 9)) &= ((9 + 8! \times 7) + (6^5)) + (((4! - 3!!) \times 2) + 1) \\
 288635 &:= 1 \times (2 + (((3 + 4)!) + (5! - 6)) \times 7 \times 8 + 9) &= 9 + (8 + ((7 + (6^5 + (4!/3!)) \times (2 + 1)!)) \\
 288636 &:= (((1 + 2)!^{3!}) + 4) + (5 + (6 \times (7 + 8!) + 9)) &= (((9 + 8!) \times 7) + (6^5)) - 4) - (3!! \times 2 - 1) \\
 288637 &:= 1 \times (((2 \times 3!! - 4) \times 5) - (6! - (7 \times (8! - 9)))) &= (((9 - 8)^7!) + (6^5 + 4!)) \times (3!^2 + 1) \\
 288638 &:= ((1 + ((2 \times 3!! - 4) \times 5)) - 6!) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + (6^{5!/4!})) - (3!! \times 2 + 1) \\
 288639 &:= (((1 + 2)!^{3!}) + 4) + (5 + (6 \times (7! \times 8 + 9))) &= (((9 + 8!) \times 7) + ((6!/5!)^4)) + ((3! + (2 - 1)))! \\
 288640 &:= (1 - 2 - 3^4) \times ((5 \times 6! + 7! - 8!)/9) &= (((9 + 8!) \times 7) + (6^{5!/4!})) - (3!! \times 2 - 1) \\
 288641 &:= (1 - ((2 \times 3!! + 4) \times (5!/6))) - ((7! - 8!) \times 9) &= 9 \times 8 - (7 - ((6^5 + (4!/3!)) \times (2 + 1)!)) \\
 288642 &:= ((1 + 2 \times 3!! - 4) \times 5) - (6! - (7 \times (8! - 9))) &= (9 + 8! \times 7) - (6 - (((5! \times 4)/3!)^2) - 1) \\
 288643 &:= (((1 + 2)!^{3!}) - (4! + 5)) + (6 \times (7 + 8! + 9)) &= (((9 + 8!) \times 7) + (6^5)) - (4 \times (3!!/2 - 1)) \\
 288644 &:= 1 - (2 - (3 \times (((4 + 5!) \times (6! + 7 \times 8)) - 9))) &= (9 + 8! \times 7) - (6 - (((5! \times 4)/3!)^2) + 1) \\
 288645 &:= (((1 + 2)!^{3!}) + (4! \times 5)) - ((6 \times (7 - 8!)) + 9) &= ((9 \times ((8^{(7-6) \times 5}) + (4! - 3!))) - 2) - 1 \\
 288646 &:= (((1 + 2)!^{3!}) + 4 + 5!) + (6 \times (7! \times 8 - 9)) &= (((9 + 8!) \times 7) + (6^5)) + (((4 - 3!!) \times 2) - 1) \\
 288647 &:= ((1 \times 2 \times (3!! \times 4 - 5)) + 6!) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + 6!) + (((5^4) \times (3^2)) - 1) \\
 288648 &:= 1 + (2 + (3 \times (((4 + 5!) \times (6! + 7 \times 8)) - 9))) &= (((9 + 8!) \times 7) + (6^5)) + (((4 - 3!!) \times 2) + 1) \\
 288649 &:= ((1 + (((2 \times 3! \times 4!) + 5!) \times 6!)) - 7!) - 8 \times 9 &= ((9 + 8!) \times 7) + (6! + (((5^4) \times (3^2)) + 1)) \\
 288650 &:= (1 - (2 - 3!!) \times 4) + (5 \times 6! + (7 \times (8! - 9))) &= (9 \times ((8^{(7-6) \times 5}) + (4! - 3!))) + (2 \times 1) \\
 288651 &:= 1 - ((2 - (3 \times 4)) \times ((5 \times 6! + 7) \times 8 + 9)) &= ((9 + (8 \times (7 + (6! \times 5)))) \times (4 + 3!)) + (2 - 1) \\
 288652 &:= 1 \times ((2 \times (3!! \times 4)) - (5 - (6! + (7 \times (8! - 9)))) &= ((9 + (8 \times (7 + (6! \times 5)))) \times (4 + 3!)) + (2 \times 1) \\
 288653 &:= (1 + (2 \times (3!! \times 4))) - (5 - (6! + (7 \times (8! - 9)))) &= 9 + (((8! + 7) + (6^5 + 4)) \times 3!) + 2 \times 1 \\
 288654 &:= 1 - (((2 - 3!^4) \times 5) - (6 + (7 \times (8! - 9)))) &= (9 + 8! \times 7) + ((6 + (((5! \times 4)/3!)^2)) - 1) \\
 288655 &:= ((1 + 2)!) + (((3! + 4) \times (5 \times 6!)) - 7) \times 8 - 9 &= (9 + 8! \times 7) + (6 + (((5! \times 4)/3!)^2 \times 1)) \\
 288656 &:= 1 - (2 - ((3!! \times 4) + (5 \times 6! + (7 \times (8! - 9)))) &= (9 + 8! \times 7 + 6) + (((5! \times 4)/3!)^2) + 1) \\
 288657 &:= (1 - 2^{3!}) - ((4^5 + (6 - 7!)) \times 8 \times 9) &= (((9 + 8!) \times 7) - 6) + (5! \times ((4! + 3) \times 2 - 1)) \\
 288658 &:= (1 + (2 \times (3!! + 4! \times 5!))) - (6! - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6!) - (5 \times (4! - (3!! \times 2 - 1))) \\
 288659 &:= 1 \times (2 + ((3!! \times 4) + (5 \times 6! + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + (6! - 5!)) + (4 \times (3!! \times 2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 288660 &:= ((1 - (2 \times 3!! + 4)) \times (5!/6)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - ((6 + (5! \times 4!)) \times (3^2 + 1)) \\
 288661 &:= ((1 \times 2 + 3!^4) \times 5) - (6 - (7 \times (8! - 9))) &= (9 \times (8! - (7! + 6))) - (5 \times ((4 \times 3!! \times 2) + 1)) \\
 288662 &:= (1 + ((2 + 3!^4) \times 5)) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6!) - ((5 \times (4! - 3!! \times 2)) + 1) \\
 288663 &:= (1 + (2 \times (3!! \times 4))) + (5 + (6! + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6!) + (5! \times (((4! + 3!) \times 2) - 1)) \\
 288664 &:= (1 + (2 \times (3 + 4! \times 5!))) + (6! + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6!) - ((5 \times (4! - 3!! \times 2)) - 1) \\
 288665 &:= ((1 \times 2 + 3!!) \times 4) + (5 \times 6! + (7 \times (8! - 9))) &= (9 \times (8! - (7! + 6))) - (((5 \times 4) \times 3!! \times 2) + 1) \\
 288666 &:= (1 - 2^{3!}) \times (4! - (5! + (6 + (7! \times 8/9)))) &= 9 \times (((8! \times 7!/6!)/(5 + 4)) - (3! - ((2 + 1)!))!) \\
 288667 &:= (((1 + 2 \times 3!!) \times 4) - (5! - 6!)) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + (6! - 5!)) + (4 \times (3!! \times 2 + 1)) \\
 288668 &:= (((1 + 2 \times 3!! - 4!) \times 5) - 6!) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - 6!) - (5 \times (4! - (3!! \times 2 + 1))) \\
 288669 &:= (1 \times 2 \times (3! + 4! \times 5!)) + (6! + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6) + (5! \times ((4! + 3) \times 2 - 1)) \\
 288670 &:= (1 + (2 \times (3! + 4! \times 5!))) + (6! + (7 \times (8! - 9))) &= -9 - (8 + (((7 \times (6 + 5)) - 4!^3) \times 21)) \\
 288671 &:= ((1 - (2 \times (3!! \times 4))) \times 5) - (((6 + 7!) - 8!) \times 9) &= (9 \times (8! - 7!)) - (((6! - 5!) + (4!^3)) \times 2) + 1 \\
 288672 &:= ((1 + (2 \times ((3!! - 4) \times 5))) - 6!) + (7 \times 8! - 9) &= (((9 \times (8 + (7 + 6))) + 5) \times (4! + 3!!)) \times 2 \times 1 \\
 288673 &:= ((1 \times 2 + 3!^4) \times 5) + (6 + (7 \times (8! - 9))) &= (9 \times (8! - 7!)) - (((6! - 5!) + (4!^3)) \times 2) - 1 \\
 288674 &:= (1 + ((2 + 3!^4) \times 5)) + (6 + (7 \times (8! - 9))) &= (98 \times ((76 + (5! \times 4!)) - 3)) - ((2 + 1)!!) \\
 288675 &:= 1 \times ((2 - (3 \times (4 - ((5! \times (6! - 7))/8)))) \times 9) &= (9 \times ((8! + 7) - (6^5 - 4))) - (3! \times (2 + 1)!!) \\
 288676 &:= 1 + ((2 - (3 \times (4 - ((5! \times (6! - 7))/8)))) \times 9) &= ((9 + (8! + 7)) \times (6!/5!)) + (4 + (3!^{(2+1)!})) \\
 288677 &:= 1 \times (((2 \times 3!! + 4) \times 5) - (6! - (7 \times (8! - 9)))) &= ((9 + (8! + 7)) \times 6) + (5!/4! + (3!^{(2+1)!})) \\
 288678 &:= (1 + ((2 \times 3!! + 4) \times 5)) - (6! - (7 \times (8! - 9))) &= ((9 + (87 \times (6! - 5!))) - 4^{3!}) \times (2 + 1)! \\
 288679 &:= (12 \times 3!!) + (((4! \times 5) + 6^7) - (8 + 9)) &= 9 \times 8 + (7 + ((6! - 5!) \times ((4 \times ((3 + 2)!)) + 1))) \\
 288680 &:= 1 - (2 - ((3 \times ((4 + 5!) \times (6! + 7 \times 8))) + 9)) &= (((9 \times 8) + ((7! + 6!) \times 5)) - 4) \times (3^2 + 1) \\
 288681 &:= (((1 + 2)!^{3!}) - (4! - 5!)) + ((6 \times 7! \times 8) + 9) &= (9 + (8! \times 7 + 6!)) - (5! - ((4! - 3!)^{2+1})) \\
 288682 &:= ((1 + (2 \times 3!! + 4)) \times 5) - (6! - (7 \times (8! - 9))) &= (9 + (((8 + (76 \times 5)) \times (4! + 3!!)) + 2)) - 1 \\
 288683 &:= 1 \times (2 + ((3 \times ((4 + 5!) \times (6! + 7 \times 8))) + 9)) &= (9 + 8! \times 7) + (((6! - 5!) \times (4 + (3 + 2))) - 1) \\
 288684 &:= 1 \times 2 \times (3 \times (4! \times 5! - ((6 - (7! - 8)) \times 9))) &= ((9 + 8! \times 7) - 6!) - (5 \times (((4 - 3!!) \times 2) + 1)) \\
 288685 &:= 1 + 2 \times 3!! + (4 \times (((5! - 6) \times (7!/8)) - 9)) &= 9 \times 8 + ((7 + 6) \times ((5 + 4! \times 3!)^2 \times 1)) \\
 288686 &:= 1 \times 2 - (((3 \times (4! - (5! \times (6! - 7))))/8) \times 9) &= (((9 + 8!) \times 7) + (6^5)) + (((4! - 3!!) \times 2) - 1) \\
 288687 &:= 1 + (2 + (3^4 \times ((5 \times (6! - 7)) + (8 - 9)))) &= (9 + 8! \times 7) + ((6 \times (5 + 4!)) \times (3!^2 + 1)) \\
 288688 &:= (((1 + 2)!^{3!}) + 4 + 5!) + (6 \times (7 + 8! - 9)) &= (((9 + 8!) \times 7) + (6^5)) + (((4! - 3!!) \times 2) + 1) \\
 288689 &:= (1 - ((2 + 3!) \times (4 + 5 \times 6!))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - ((6! \times 5 + 4) \times (3! + 2)) + 1 \\
 288690 &:= ((1 + (2 \times ((3!! - 4) \times 5))) - 6!) + (7 \times 8! + 9) &= (((9 + (8!/(7!/6!))) \times 5) + 4!) \times (3^2 + 1) \\
 288691 &:= 1 \times (((2 \times 3!! - 4) \times 5) - (6! - (7 \times 8! - 9))) &= (((9 + (8! + 7)) \times 6) - 5) + (4! + (3!^{(2+1)!})) \\
 288692 &:= ((1 + ((2 \times 3!! - 4) \times 5)) - 6!) + (7 \times 8! - 9) &= (9 + 8! \times 7) + ((6! \times (5 + 4)) - (3!^2 + 1)) \\
 288693 &:= (1 + 2) \times (3 - (((4! - (5! \times (6! - 7)))/8) \times 9)) &= (((((9 + ((8! \times 7)/6!)) \times 5!) - 4) \times 3!) - 2) - 1 \\
 288694 &:= (((1 + (2 \times (3!! - 4))) \times 5) - (6! - (7 \times 8!))) + 9 &= (((((9 + ((8! \times 7)/6!)) \times 5!) - 4) \times 3!) - 2) \times 1 \\
 288695 &:= 1 \times 2 - ((3 + ((4^5 + (6 - 7!)) \times 8)) \times 9) &= (((((9 + ((8! \times 7)/6!)) \times 5!) - 4) \times 3!) - 2) + 1 \\
 288696 &:= ((1 + 2 \times 3!! - 4) \times 5) - (6! - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) - (6 - (((5! \times 4)/3!)^2) - 1) \\
 288697 &:= 1 - ((2 + 3!) \times (4! - (5! + (6! - (7! - 8! + 9)))) &= (((((9 + ((8! \times 7)/6!)) \times 5!) - 4) \times 3!) + 2) - 1 \\
 288698 &:= ((1 + (2 \times ((3!! + 4) \times 5))) - 6!) + (7 \times (8! - 9)) &= (((((9 + ((8! \times 7)/6!)) \times 5!) - 4) \times 3!) + 2) \times 1
 \end{aligned}$$

$$\begin{aligned}
 288699 &:= (1+2)! - ((3 + ((4^5 + (6-7!)) \times 8)) \times 9) &= (((((9 + ((8! \times 7)/6!)) \times 5!) - 4) \times 3!) + 2) + 1 \\
 288700 &:= (((1+2)!^{3!}) + 4 + 5!) + (6 \times ((7-8+9)!)) &= (9 \times (8! - (7 \times 6!))) - ((5 \times 4) \times (3!! \times 2 + 1)) \\
 288701 &:= ((1 \times 2 \times (3!! \times 4 - 5)) + 6!) + (7 \times 8! - 9) &= ((9 + ((8 \times 7 + 6!) \times (5! + 4))) \times 3) + (2 \times 1) \\
 288702 &:= ((1 + (2 \times (3!! + 4))) \times 5) - (6! - (7 \times (8! - 9))) &= (((((9 + ((8! \times 7)/6!)) \times 5!) - 4) \times 3!) + (2 + 1))! \\
 288703 &:= (1 + ((2 + (3 + 4)) \times (5 + 6!))) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) + ((6!/(54/3!))^2 \times 1) \\
 288704 &:= (1 - (2 - 3!!) \times 4) + (5 \times 6! + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6!) - (5 \times (4 - (3!! \times 2 - 1))) \\
 288705 &:= (1 - 2^{3!}) + (4^5 \times (6 \times ((7 \times 8) - 9))) &= ((9 + 8! \times 7) - 6) + ((5 + 4) \times (3!! - (2 \times 1))) \\
 288706 &:= (1 - ((2 + 3!) \times (4! - (5! + 6!)))) + (7 \times (8! - 9)) &= ((9 \times (8! - 7!)) + 6) - ((5 \times 4) \times (3!! \times 2 + 1)) \\
 288707 &:= (1 + (2 \times (3!! \times 4))) - (5 - (6! + 7 \times 8! - 9)) &= (9 \times (8! - 7!)) - ((6! \times 5! - 4!)/3) - 21 \\
 288708 &:= 1 - (((2 - 3!^4) \times 5) - ((6 + 7 \times 8!) - 9)) &= ((9 + 8!) \times 7) + ((6 + (((5! \times 4)/3!)^2)) - 1) \\
 288709 &:= 1 \times (((2 \times 3!! - 4) \times 5) - (6! - (7 \times 8! + 9))) &= (9 \times (8! - 7!)) - 6 - (5 \times ((4 \times 3!! \times 2) + 1)) \\
 288710 &:= ((1 + 2 \times 3!!) \times 4) - (5 - (6! + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6) + (((5! \times 4)/3!)^2 + 1) \\
 288711 &:= (((1+2)!^{3!}) + 4! + 5!) + ((6 \times 7! \times 8) - 9) &= (9 \times ((8!/7 + 6!) \times 5)) - ((4 \times (3!! + 2)) + 1) \\
 288712 &:= (1 + (2 \times (3!! + 4! \times 5!))) - (6! - (7 \times 8! - 9)) &= (9 \times ((8!/7 + 6!) \times 5)) - (4 \times (3!! + 2 \times 1)) \\
 288713 &:= (1 \times 2 + 3!! \times 4) + (5 \times 6! + 7 \times 8! - 9) &= (9 \times ((8!/7 + 6!) \times 5)) - ((4 \times (3!! + 2)) - 1) \\
 288714 &:= ((1 + 2 \times 3!! - 4) \times 5) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) - (5 \times (4 - (3!! \times 2 + 1))) \\
 288715 &:= 1 \times (((2 + 3!^4) \times 5) - (6 - (7 \times 8! - 9))) &= (9 \times (8! - 7!)) - 6 - (((5 \times 4) \times 3!! \times 2) - 1) \\
 288716 &:= (1 + ((2 + 3!^4) \times 5)) - (6 - (7 \times 8! - 9)) &= (9 + 8! \times 7) - (((6 - (5! \times (4! + 3))) \times 2) + 1) \\
 288717 &:= (1 + (2 \times (3!! \times 4))) + (5 + (6! + 7 \times 8! - 9)) &= (9 + (8! \times 7 + 6!)) + (((5! \times 4!) - 3!) \times 2 \times 1) \\
 288718 &:= (1 + (2 \times (3 + 4! \times 5!))) + (6! + 7 \times 8! - 9) &= (9 + 8! \times 7) - (((6 - (5! \times (4! + 3))) \times 2) - 1) \\
 288719 &:= ((1 - (2 \times (3!! \times 4))) \times 5) - (6 + ((7! - 8!) \times 9)) &= (9 \times (8!/7 + 6!)) + (((5! \times (4!/3!))^2) - 1) \\
 288720 &:= (1 + ((2 + 3!!) \times 4)) + (5 \times 6! + 7 \times 8! - 9) &= (9 + (8! \times 7 + (6! - 5))) + (4 \times (3!! \times 2 - 1)) \\
 288721 &:= (1 + 2 \times 3!!) - (((4 \times (5! + 6!)) + 7! - 8!) \times 9) &= (9 \times (8!/7 + 6!)) + (((5! \times (4!/3!))^2) + 1) \\
 288722 &:= (1 - (2 - 3!!) \times 4) + (5 \times 6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + (((5! \times 4!) - 3) \times 2) - 1) \\
 288723 &:= (1 \times 2 \times (3! + 4! \times 5!)) + (6! + 7 \times 8! - 9) &= 9 + 8! - 7 - ((6! \times ((5!/4) - 3!)/2) - 1) \\
 288724 &:= (1 + (2 \times (3! + 4! \times 5!))) + (6! + 7 \times 8! - 9) &= (9 + (8! \times 7 + 6!)) + (((5! \times 4!) - 3) \times 2) + 1) \\
 288725 &:= (1 + (2 \times (3!! \times 4))) - (5 - (6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! - 5))) + ((4 \times 3!! \times 2) + 1) \\
 288726 &:= 1 - (((2 - 3!^4) \times 5) - (6 + (7 \times 8! + 9))) &= (9 \times (8! - 7!)) - ((6! \times 5! - 4!)/3) - 2 \times 1 \\
 288727 &:= ((1 \times 2 + 3!^4) \times 5) + ((6 + 7 \times 8!) - 9) &= (9 \times ((8!/7 + 6!) \times 5)) - ((4 \times (3!! - 2)) + 1) \\
 288728 &:= (1 + ((2 + 3!^4) \times 5)) + ((6 + 7 \times 8!) - 9) &= (9 + 8! - 7!) + (((6! \times 5! + (4!/3!)) \times 2) - 1) \\
 288729 &:= (((1+2)!^{3!}) + 4! + 5!) + ((6 \times 7! \times 8) + 9) &= (9 \times ((8!/7 + 6!) \times 5)) - ((4 \times (3!! - 2)) - 1) \\
 288730 &:= (1 + (2 \times (3!! + 4! \times 5!))) - (6! - (7 \times 8! + 9)) &= (9 + (((8 + (7! + 6!)) \times 5) + 4!)) \times (3^2 + 1) \\
 288731 &:= ((1 - (2 \times (3!! \times 4))) \times 5) + (6 - ((7! - 8!) \times 9)) &= ((9 \times (8! - 7!)) + 6) - (5 \times ((4 \times 3!! \times 2) - 1)) \\
 288732 &:= (1 + ((2 \times 3!! + 4) \times 5)) - (6! - (7 \times 8! - 9)) &= (((9 + 8! - 7) + (6^5 + 4!)) \times 3) \times 2 \times 1 \\
 288733 &:= 1 \times (((2 + 3!^4) \times 5) - (6 - (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! + 5))) + ((4 \times 3!! \times 2) - 1) \\
 288734 &:= (1 + ((2 + 3!^4) \times 5)) - (6 - (7 \times 8! + 9)) &= (9 \times (8! - 7!)) - 6 - ((5 \times 4) \times (3!! \times 2 - 1)) \\
 288735 &:= (1 + (2 \times (3!! \times 4))) + (5 + (6! + (7 \times 8! + 9))) &= (9 + (8! + 7)) - ((6! \times ((5!/4) - 3!)/2) + 1) \\
 288736 &:= ((1 + (2 \times 3!! + 4)) \times 5) - (6! - (7 \times 8! - 9)) &= (9 + (8! \times 7 + 6!)) + (((5! \times 4! + 3) \times 2) + 1) \\
 288737 &:= 1 + 2 \times 3!! + (4! \times 5! + (6^7 + 8!/9)) &= (9 \times (8! - (7! + 6 + 5!))) - (4!^3 \times 2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 288738 &:= (1 + ((2 + 3!) \times 4)) + (5 \times 6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! + ((5 + (4 \times 3!)) \times 2)))) - 1 \\
 288739 &:= 1 \times ((2 \times ((3! \times 4) + 5)) + (6! + (7 \times 8! + 9))) &= (9 \times (8! - (7! + 6 + 5!))) - (4!^3 \times 2 - 1) \\
 288740 &:= 1 + ((2 \times ((3! \times 4) + 5)) + (6! + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! + ((5 + (4 \times 3!)) \times 2)))) + 1 \\
 288741 &:= (1 \times 2 \times (3! + 4! \times 5!)) + (6! + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + ((6 \times (5 + 4!)) \times (3!^2 + 1)) \\
 288742 &:= (1 + (2 \times (3! + 4! \times 5!))) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + (((5! \times 4! + 3!) \times 2) + 1) \\
 288743 &:= (1 \times 2 \times ((3! - 4) \times 5)) - (6! - (7 \times (8! + 9))) &= (9 \times (((8 + 7!) \times 6) - 5!)) + ((4! \times (3! - 2)) - 1) \\
 288744 &:= ((1 + (2 \times ((3! - 4) \times 5))) - 6!) + (7 \times (8! + 9)) &= ((9 + 8! \times 7) - 6!) + (5 \times ((4 + 3! \times 2) - 1)) \\
 288745 &:= (1 - ((2 - 3!) \times 4!)) - ((5! - (6 \times (7! + 8))) \times 9) &= (9 \times (((8 + 7!) \times 6) - 5!)) + ((4! \times (3! - 2)) + 1) \\
 288746 &:= (1 + ((2 + 3!^4) \times 5)) + (6 + (7 \times 8! + 9)) &= (9 + ((8! + (7! - 6!)) \times 5)) + ((4!^{3+2}) + 1) \\
 288747 &:= (((1 + 2)^{3!}) \times 4) + (5 \times 6! + 7 \times 8! - 9) &= (9 + ((8! + 7) \times 6)) + ((5 \times 4!) + (3!^{(2+1)!})) \\
 288748 &:= 1 - ((2 - ((3 \times (4! \times (5 \times (6! - 7))))/8)) \times 9) &= ((9 + 8! \times 7) - 6!) + ((5 \times (4 + 3! \times 2)) - 1) \\
 288749 &:= (((1 + 2)! + (3! + 4)) \times 5) - (6! - (7 \times 8!)) + 9 &= ((9 + 8! \times 7) - 6!) + (5 \times (4 + (3! + (2 + 1)!))) \\
 288750 &:= (1 + ((2 \times 3! + 4) \times 5)) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) + ((5 \times (4 + 3! \times 2)) + 1) \\
 288751 &:= 1 \times ((2 \times ((3! + 4) \times 5)) - (6! - (7 \times 8! - 9))) &= (9 \times (8! - 7!)) - (((6! \times 5 - 4) \times (3! + 2)) + 1) \\
 288752 &:= ((1 + (2 \times ((3! + 4) \times 5))) - 6!) + (7 \times 8! - 9) &= 9 - ((8 \times (7 - (((6 + 5!) + 4^3)^2))) + 1) \\
 288753 &:= (1 + ((2 + 3!) \times (4 - (5 \times 6!)))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - (((6! \times 5 - 4) \times (3! + 2)) - 1) \\
 288754 &:= ((1 + (2 \times 3! + 4)) \times 5) - (6! - (7 \times 8! + 9)) &= 9 - ((8 \times (7 - (((6 + 5!) + 4^3)^2))) - 1) \\
 288755 &:= 1 - (2 - ((3 + 4!) \times ((5! \times (6! - 7))/8)) - 9) &= (9 \times (8!/7)) + ((6! + (((5! \times 4) + 3!)^2)) - 1) \\
 288756 &:= 1 + (2 - (3 \times (4 - (((5! \times (6! - 7))/8) \times 9)))) &= (9 \times (8!/7)) + (6! + (((5! \times 4) + 3!)^2 \times 1)) \\
 288757 &:= 1 + 2 \times 3! + (4 \times (((5! - 6) \times (7!/8)) + 9)) &= (9 \times (8!/7)) + (6! + (((5! \times 4) + 3!)^2 + 1)) \\
 288758 &:= 1 \times ((2 + ((3 + 4!) \times ((5! \times (6! - 7))/8))) - 9) &= (((9 + 8!) \times 7) - 6!) - (5 \times (4 - (3! \times 2 - 1))) \\
 288759 &:= 1 + ((2 + ((3 + 4!) \times ((5! \times (6! - 7))/8))) - 9) &= (((9 + 8!) \times 7) - 6) + ((5 + 4) \times (3! - (2 \times 1))) \\
 288760 &:= 1 + (((2^{3!} + 4^5) \times 6) + 7 \times 8! - 9) &= (9 + 8! \times 7) - (((6! + 5!) - 4^{3!}) \times 2) + 1) \\
 288761 &:= (1 - (((2 \times 3!)/4) \times (5 - 6!))) + (7 \times 8!/9) &= 9 - (8 \times (7 - (((6 + 5!) + 4^3)^2 + 1))) \\
 288762 &:= (1 + 2)! + (((3 + 4!) \times ((5! \times (6! - 7))/8)) - 9) &= (9 + 8! \times 7) - (((6! + 5!) - 4^{3!}) \times 2) - 1) \\
 288763 &:= ((1 - 2) + (3^4 \times (5 \times (6! - 7))) + 8) - 9 &= (((9 + 8!) \times 7) - (6! + (5 \times (4 - 3! \times 2)))) \times 1) \\
 288764 &:= ((1 + ((2 \times 3! - 4) \times 5)) - 6!) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - (6! + (5 \times (4 - 3! \times 2)))) + 1) \\
 288765 &:= (((1 - 2^{3!}) \times (4 - 5!)) - 6!) + (7 \times (8! - 9)) &= (9 - ((8 + (7 + 6)) \times 5!)) \times (4 - (((3 + 2)! - 1)) \\
 288766 &:= (1 \times 2 + ((3^4 \times (5 \times (6! - 7))) + 8)) - 9 &= (((9 \times 8) + 7!) - (6! - 5!)) \times (4^3) - 2 \times 1) \\
 288767 &:= 1 \times 2 - (3^4 \times (5 \times ((6! - 7) \times (8 - 9)))) &= 9 + (8 + ((7 \times 6) \times ((5^4) \times ((3! \times 2) - 1)))) \\
 288768 &:= (((1 + 2 \times 3!) \times 4^5) + 6^7) - 8!/9 &= (((9 + 8!) \times 7) - 6!) - (5 \times (4 - (3! \times 2 + 1))) \\
 288769 &:= (1 - ((2 - 3! \times 4!) \times 5!)) + (6 \times ((7! - 8) \times 9)) &= (9 \times (8! - (7! - 6))) - (5 \times ((4 \times 3! \times 2) + 1)) \\
 288770 &:= ((1 + (2 \times ((3! + 4) \times 5))) - 6!) + (7 \times 8! + 9) &= ((9 + 8!) \times 7) - (((6 - (5! \times (4! + 3))) \times 2) + 1) \\
 288771 &:= ((1 + (2 \times (3 + 4!))) \times 5!) - (6 - (7 \times (8! - 9))) &= (((9 \times 8) + 7!) - (6! - 5!)) \times (4^3) + 2) + 1) \\
 288772 &:= ((1 + 2)! + (3^4 \times (5 \times (6! - 7)))) - (8 - 9) &= ((9 + 8!) \times 7) - (((6 - (5! \times (4! + 3))) \times 2) - 1) \\
 288773 &:= ((1 \times 2 \times (3! \times 4 - 5)) + 6!) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + (6! - ((5 - (4 \times 3!)) \times 2))) \times 1) \\
 288774 &:= ((1 + (2 \times (3! + 4))) \times 5) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6! - ((5 - (4 \times 3!)) \times 2))) + 1) \\
 288775 &:= (1 - (2 \times (3! \times (4 \times 5)))) + ((6 - (7! - 8!)) \times 9) &= (9 \times (8! - (7! - 6))) - (((5 \times 4) \times 3! \times 2) - 1) \\
 288776 &:= (1 - (2 - 3!)) \times 4 + (5 \times 6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6!) + (((5! \times 4!) - 3) \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 288777 &:= (((1+2)!) \times (3!+4)) + 5! - (6! - (7 \times (8! - 9))) = ((9+8!) \times 7) + (6! - 5) + ((4 \times 3!! \times 2) - 1) \\
 288778 &:= (1 - ((2+3!) \times (4! - (5! + 6!)))) + (7 \times 8! + 9) = ((9+8!) \times 7) + 6! + (((5! \times 4!) - 3) \times 2) + 1 \\
 288779 &:= ((1 - (2 \times (3!! \times 4))) \times 5) + ((6 - (7! - 8!)) \times 9) = (9 \times (8! - (7! - 6))) - (5 \times ((4 \times 3!! \times 2) - 1)) \\
 288780 &:= ((1+2)! + 3!) + (4^5 \times (6 \times ((7 \times 8) - 9))) = (9 \times (8! - 7!)) + ((6 - (5! \times 4!)) \times (3^2 + 1)) \\
 288781 &:= (((1+2 \times 3!!) \times 4) + (5! + 6!)) + (7 \times (8! - 9)) = ((9+8!) \times 7) - (((6! - (5! \times 4!)) \times 3) + 2 \times 1) \\
 288782 &:= (((1 + (2 \times 3!! + 4!)) \times 5) - 6!) + (7 \times (8! - 9)) = (9 + 8! \times 7) + ((6 \times ((5!/4) + 3)^2) - 1) \\
 288783 &:= (((1 + (2 \times (3 + 4!))) \times 5!) + 6) + (7 \times (8! - 9)) = (((9+8!) \times 7) + ((6! \times (5+4)) - (3-2))) + 1 \\
 288784 &:= (1 + (2 \times (3!! + 4! \times 5!))) - (6! - (7 \times (8! + 9))) = 9 + (8! \times 7 + ((6 \times (((5!/4) + 3)^2) + 1)) \\
 288785 &:= (1 \times 2 + 3!! \times 4) + (5 \times 6! + (7 \times (8! + 9))) = 9 - (8 \times (7! - (6! + (5! - (4! - ((3! + 2)! + 1)))))) \\
 288786 &:= 1 \times 2 \times (((3!! - (4! \times (5 - 6! - 7))) \times 8) + 9) = (9 + (8 \times (((7+6!) - 5) \times 4! + 3!))) \times 2 \times 1 \\
 288787 &:= ((1 - 2 \times 3!) \times (4 + 5! - 6!)) + (7 \times 8! - 9) = (((9+8!) \times 7) + (6! + 5)) + ((4 \times 3!! \times 2) - 1) \\
 288788 &:= (1 + ((2 + 3!^4) \times 5)) - (6 - (7 \times (8! + 9))) = (((9+8!) \times 7) + ((6! \times (5+4)) + (3! - 2))) + 1 \\
 288789 &:= (1 + (2 \times (3!! \times 4))) + (5 + (6! + (7 \times (8! + 9)))) = (((9+8!) \times 7) + (6! + 5)) + ((4 \times 3!! \times 2) + 1) \\
 288790 &:= (1 + (2 \times (3 + 4! \times 5!))) + (6! + (7 \times (8! + 9))) = (((9+8!) \times 7) + 6!) + (((5! \times 4! + 3) \times 2) + 1) \\
 288791 &:= ((1 \times 2 + 3!!) \times 4) + (5 \times 6! + (7 \times (8! + 9))) = (9 \times (8! - ((7 \times 6!) + 5!))) - (4!^3 \times 2 + 1) \\
 288792 &:= (1 + ((2 + 3!!) \times 4)) + (5 \times 6! + (7 \times (8! + 9))) = (((9+8!) \times 7) + (6! + ((5 + (4 \times 3!)) \times 2))) - 1 \\
 288793 &:= ((1 \times 2 \times ((3!! \times 4) + 5)) + 6!) + (7 \times (8! + 9)) = (9 \times (8! - ((7 \times 6!) + 5!))) - (4!^3 \times 2 - 1) \\
 288794 &:= (1 \times 2 + 3!! \times 4!) - ((5! - (6 \times (7! + 8))) \times 9) = (((9+8!) \times 7) + (6! + ((5 + (4 \times 3!)) \times 2))) + 1 \\
 288795 &:= (1 \times 2 \times (3! + 4! \times 5!)) + (6! + (7 \times (8! + 9))) = (((9+8!) \times 7) + 6!) + ((5! \times 4! + 3!) \times 2 \times 1) \\
 288796 &:= (1 + (2 \times (3! + 4! \times 5!))) + (6! + (7 \times (8! + 9))) = (((9+8!) \times 7) + 6!) + (((5! \times 4! + 3!) \times 2) + 1) \\
 288797 &:= 1 + ((2 - (3! + (4! \times (5 - (6! - 7)))))) \times (8 + 9) = ((9 \times (8 \times 7! - 6^5)) - 4^{3!}) - (2 + 1) \\
 288798 &:= ((1+2)! + 3!! \times 4!) - ((5! - (6 \times (7! + 8))) \times 9) = (((9+8!) \times 7) - 6!) + (5 \times ((4 + 3!! \times 2) - 1)) \\
 288799 &:= ((1 \times 2 + 3!^4) \times 5) + (6 + (7 \times (8! + 9))) = 9 \times 8 + (7 + (6! \times (((5 \times 4!)/3!)^2) + 1)) \\
 288800 &:= ((1 + ((2 \times 3!!)/4)) \times 5) \times (6! - (7! - 8!/9)) = (9 + 8! \times 7) - (((6 \times 5! - 4!^3)/2) + 1) \\
 288801 &:= (1 - ((2 \times 3!! - 4) \times (5!/6))) - ((7! - 8!) \times 9) = ((9 \times (8 \times 7! - 6^5)) - (4^{3!} - 2)) - 1 \\
 288802 &:= ((1 + (2 \times ((3^4 + 5!) \times 6!))) - 7!/8) - 9 = (9 + 8! \times 7) - (((6 \times 5! - 4!^3)/2) - 1) \\
 288803 &:= 1 \times (((2 \times 3!! + 4) \times 5) - (6! - (7 \times (8! + 9)))) = ((9 \times (8 \times 7! - 6^5)) - (4^{3!} - 2)) + 1 \\
 288804 &:= (1 + ((2 \times 3!! + 4) \times 5)) - (6! - (7 \times (8! + 9))) = (((9+8!) \times 7) - 6!) + ((5 \times (4 + 3!! \times 2)) + 1) \\
 288805 &:= ((1 - 2 \times 3!) \times (4 + 5! - 6!)) + (7 \times 8! + 9) = (9 + 8! \times 7) + ((6! - (5! + 4)) \times ((3! \times 2) - 1)) \\
 288806 &:= 1 \times (23 + (((4 + 5) \times 6!) + (7 \times (8! + 9)))) = (((9+8!) \times 7) + 6) + (((5+4) \times (3!! + 2)) - 1) \\
 288807 &:= ((1+2)!) + ((3 \times ((4! - 5) \times (6 + 7! + 8))) + 9) = ((9+8! - (7 \times (6! - (5! - 4)))) \times (3! + 2)) - 1 \\
 288808 &:= ((1 + (2 \times 3!! + 4)) \times 5) - (6! - (7 \times (8! + 9))) = (((9+8!) \times 7) - 6!) + (5 \times (4 + (3!! \times 2 + 1))) \\
 288809 &:= (((12 - 3)^4) + 5) - (6 - (7 \times 8! + 9)) = ((9+8! - (7 \times (6! - (5! - 4)))) \times (3! + 2)) + 1 \\
 288810 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times 6!) - ((7!/8) \times 9) = (9 \times ((8! - 7!) - (6 \times (5^4)))) + ((3! + (2 - 1)))! \\
 288811 &:= (((12 - 3)^4) - 5) + (6 + (7 \times 8! + 9)) = 9 + ((8! \times 7!/6!) + (((5+4)^{3!-2}) + 1)) \\
 288812 &:= 1 - (2 + ((3 + (4! \times (5 - (6! - 7)))))) \times (8 + 9)) = -9 + (8 - (((76 - 5) - 4!^3) \times 21)) \\
 288813 &:= (((1+2)! \times (3!!/4)) + 5) \times 6) + (7 \times (8! + 9)) = (((9+8! + 7)) + (6^5 + 4!)) \times 3! - 2 - 1 \\
 288814 &:= (1 + (2 + 3!)) + (((45 \times (6! - 7)) - 8) \times 9) = ((9+8!) \times 7) - (((6! + 5!) - 4^{3!}) \times 2) + 1 \\
 288815 &:= ((1 - ((2 + (3 \times 4!)) \times 5!)) - 6^7) \times (8 - 9) = (((9+8! + 7)) + (6^5 + 4!)) \times 3! - 2 + 1
 \end{aligned}$$

$$\begin{aligned}
 288816 &:= 1 - (((2-3) - (4^5 \times 6)) \times ((7 \times 8) - 9)) &= ((9 \times (8! - ((7 - ((6-5!) \times 4!)) \times 3))) - 2) - 1 \\
 288817 &:= (((1 \times 2 + 3!)! - (4 \times 5!)) / 6) + (7 \times (8! - 9)) &= ((9 \times (8! - ((7 - ((6-5!) \times 4!)) \times 3))) - 2) \times 1 \\
 288818 &:= 1 - (2 + (((3 \times ((4! \times (5! - 6)) + 7)) - 8!) \times 9)) &= ((9 \times (8! - ((7 - ((6-5!) \times 4!)) \times 3))) - 2) + 1 \\
 288819 &:= 1 \times ((2 \times ((3^4 + 5!) \times 6!)) - (7! / 8 - 9)) &= (((9 + (8! + 7)) + (6^5 + 4!)) \times 3!) + (2 + 1) \\
 288820 &:= ((1 + (2 \times ((3^4 + 5!) \times 6!))) - 7! / 8) + 9 &= ((9 \times (8! - ((7 - ((6-5!) \times 4!)) \times 3))) + 2) - 1 \\
 288821 &:= 1 \times (2 - (((3 \times ((4! \times (5! - 6)) + 7)) - 8!) \times 9)) &= ((9 \times (8! - ((7 - ((6-5!) \times 4!)) \times 3))) + 2) \times 1 \\
 288822 &:= 1 + (2 - (((3 \times ((4! \times (5! - 6)) + 7)) - 8!) \times 9)) &= ((9 \times (8! - ((7 - ((6-5!) \times 4!)) \times 3))) + 2) + 1 \\
 288823 &:= 1 \times ((2 \times ((3!! + 4) \times 5)) - (6! - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - 6!) + (5 \times ((4 + 3!!) \times 2 \times 1)) \\
 288824 &:= ((1 + (2 \times ((3!! + 4) \times 5))) - 6!) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - 6!) + ((5 \times ((4 + 3!!) \times 2)) + 1) \\
 288825 &:= ((1 + (2 \times (3 + 4!))) \times 5!) - (6 - (7 \times 8! - 9)) &= (9 - (8! / 7)) + ((6! + (5! - 4!)) \times (3!! / 2 + 1)) \\
 288826 &:= ((1 + 2!)! + ((3 + 4) \times (5! + (6! + (7 + 8! - 9)))) &= (9 \times (8! - (7! + 6))) + ((5! \times (4 - 3!!)) / (2 + 1)) \\
 288827 &:= 1 - (2 - (3!! - (((4 + 5!) \times 67) - 8!) \times 9)) &= ((9 + 8!) \times 7) + (((6! + 5) \times (4 + (3 + 2))) - 1) \\
 288828 &:= ((1 + (2 \times (3!! + 4))) \times 5) - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) + (5 \times (((4 + 3!!) \times 2) + 1)) \\
 288829 &:= (1 + ((2 + (3 + 4)) \times (5 + 6!))) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + (((6! + 5) \times (4 + (3 + 2))) + 1) \\
 288830 &:= (((12 - 3)^4) + (5! / 6 + 7 \times 8!)) + 9 &= ((9 + 8!) \times 7) + (((6! + (5! - 4!)) \times (3! + 2)) - 1) \\
 288831 &:= (((1 \times 2 + 3!)! \times 4) + (5! \times (6! + 7))) + (8! - 9) &= ((9 + 8!) \times 7) + ((6! + (5! - 4!)) \times (3! + 2 \times 1)) \\
 288832 &:= (1 + ((2 \times 3!! + 4!) \times 5)) - (6! - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) + (((6! + (5! - 4!)) \times (3! + 2)) + 1) \\
 288833 &:= (1 + 2^{3!}) + (4^5 \times (6 \times ((7 \times 8) - 9))) &= (((9 + 8!) \times 7) + ((6! + 5) \times (4 + 3!))) - ((2 + 1)!)! \\
 288834 &:= 1 - (((2 - 3^4) \times (5 \times 6! + 7 \times 8)) - 9) &= (((98 - 7) \times 6) \times (((5 \times 4) + 3)^2)) \times 1 \\
 288835 &:= (((1 + 2 \times 3!!) \times 4) + (5! + (6! + 7 \times 8!))) - 9 &= (((98 - 7) \times 6) \times (((5 \times 4) + 3)^2)) + 1 \\
 288836 &:= (((1 + (2 \times 3!! + 4!)) \times 5) - 6!) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) + ((6 \times (((5! / 4) + 3)^2)) - 1) \\
 288837 &:= (((1 + (2 \times (3 + 4!))) \times 5!) + 6) + (7 \times 8! - 9) &= (9 \times (8 \times 7 + (6 + 5))) \times ((4 \times ((3 + 2)!) - 1) \\
 288838 &:= (((((1 + 2)! \times 3!!) - (4 + 5)) \times 67) - 8) + 9 &= ((9 + 8!) \times 7) + ((6 \times (((5! / 4) + 3)^2)) + 1) \\
 288839 &:= 1 \times (2 + ((3^4 \times (5 \times (6! - 7))) + 8 \times 9)) &= (9 \times (((8 + 7!) \times 6) - 5!)) + ((4! \times (3!! + 2)) - 1) \\
 288840 &:= ((1 \times 2 + 3!!) \times 4!) - ((5! - (6 \times (7! + 8))) \times 9) &= (9 \times 8 \times (7! - 6!)) - (((5 + 4! \times 3!)^2) - 1) \\
 288841 &:= (1 - (((2 - 3!!) \times 4!) + 5!)) + (6 \times ((7! - 8) \times 9)) &= (9 \times (((8 + 7!) \times 6) - 5!)) + ((4! \times (3!! + 2)) + 1) \\
 288842 &:= 1 \times 2 - ((3!! - 4!) \times (5 - ((6 \times 7!) / (8 \times 9)))) &= 9 - (8 - (((7 + ((6! - 5!) \times 4)) \times ((3 + 2)!) + 1)) \\
 288843 &:= ((1 + (2 \times (3 + 4!))) \times 5!) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - (5! - ((4! / 3!) / (2 + 1)!)) \\
 288844 &:= (((12 - 3)^4) - (5! / 6)) + (7 \times (8! + 9)) &= ((9 + 8! \times 7) - 6!) + (5 \times (4! + (3!! \times 2 - 1))) \\
 288845 &:= 1 - (2 - (3^4 \times ((5 \times (6! - 7)) - 8 + 9))) &= (9 \times (8! - (7! - (6 - 5!)))) - (4!^3 \times 2 + 1) \\
 288846 &:= ((1 + 2!)! + ((3^4 \times ((5 \times (6! - 7)) - 8)) + 9) &= (9 \times (8! - (7! - (6 - 5!)))) - (4!^3 \times 2 \times 1) \\
 288847 &:= ((1 \times 2^{3!}) + ((4 + 5) \times 6!)) + (7 \times (8! + 9)) &= (9 \times (8! - (7! - (6 - 5!)))) - (4!^3 \times 2 - 1) \\
 288848 &:= (((1 \times 2 + 3!)! + 4^5) - 6!) \times 7 + 8! / 9 &= ((9 + 8! \times 7) - 6!) + ((5 \times (4! + 3!! \times 2)) - 1) \\
 288849 &:= (1 + (((2 + 3!)! + 4^5) - 6!) \times 7) + 8! / 9 &= (9 + (8! / 7)) - ((6! + 5!) \times (4! - (3!! / 2 + 1))) \\
 288850 &:= (1 + ((2 \times 3!! + 4!) \times 5)) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) + ((5 \times (4! + 3!! \times 2)) + 1) \\
 288851 &:= 1 - (((2 - (3 \times 4)) \times 5) \times (6! + (7! + 8 + 9))) &= (((-9 - 8) - (7! + 6!)) \times ((5 - (4! + 3!)) \times 2)) + 1 \\
 288852 &:= (((1 + 2)! \times 3!!) - 4) + (5! + (6^7 + 8! / 9)) &= (((9 + 8) \times (7! + (6! / 5 \times 4!))) - 3!) \times 2 \times 1 \\
 288853 &:= (((1 + 2 \times 3!!) \times 4) + (5! + (6! + 7 \times 8!))) + 9 &= (9 + (8! \times 7 + (6! + 5!))) + (4 \times (3!! \times 2 + 1)) \\
 288854 &:= (((1 + (2 \times 3!! + 4!)) \times 5) - 6!) + (7 \times 8! + 9) &= ((9 + 8!) \times 7) - (((6 \times 5! - 4!^3) / 2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 288855 &:= (((1 + (2 + 3!))! + 4^5) - 6!) \times 7 + 8!/9 &= ((9 + 8!) \times 7) - ((6 \times 5! - 4!^3)/2 \times 1) \\
 288856 &:= 1 - ((2 - (3 \times (4 + ((5! \times (6! - 7))/8)))) \times 9) &= ((9 + 8!) \times 7) - (((6 \times 5! - 4!^3)/2) - 1) \\
 288857 &:= 1 - (2 + (3! + (4! \times ((5 - (6! - 7)) \times (8 + 9)))) &= ((9 + 8!) \times 7) - (6 - (((5 + 4)^{3!-2}) - 1)) \\
 288858 &:= (1 - (((2 + 3)! \times ((4 \times (5! - 6!)) - 7)) - 8)) + 9 &= (((9 + 8) \times (7! + (6!/5 \times 4!))) - 3) \times 2 \times 1 \\
 288859 &:= ((1 - 2 \times 3!) \times (4 + 5! - 6!)) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + ((6! - (5! + 4)) \times ((3! \times 2) - 1)) \\
 288860 &:= ((1 + 2^{3!}) \times 4) \times ((5!/6 \times 7 \times 8) - 9) &= 9 + ((8! \times 7) - (((6! - 5!) - 4!^3)/2 + 1)) \\
 288861 &:= ((1 + 2^{3!}) \times (4 + 5! - 6! + 7!)) - (8 - 9) &= ((9 \times ((8! + 7) - 6^5)) - 4^{3!}) - 2 \times 1 \\
 288862 &:= 1 \times ((2 \times (3!^4 - 5^6)) - ((7! - 8!) \times 9)) &= 9 + ((8! \times 7) - (((6! - 5!) - 4!^3)/2) - 1) \\
 288863 &:= (1 + (2 \times (3!^4 - 5^6))) - ((7! - 8!) \times 9) &= (9 - 8) \times (((7! \times 6/5) \times 4!) - 3!!) \times 2 - 1) \\
 288864 &:= (1 - (2 \times (3! + 4!))) \times ((5! - (6! - (7 \times 8))) \times 9) &= 9 - (8 - (((7! \times 6/5) \times 4!) - 3!!) \times 2 - 1) \\
 288865 &:= (((12 - 3)^4) - 5) + (6 + (7 \times (8! + 9))) &= ((9 \times ((8! + 7) - 6^5)) - 4^{3!}) + (2 \times 1) \\
 288866 &:= (1 - ((2 + 3!) \times (4 - (5! + 6!)))) + (7 \times (8! - 9)) &= 9 + ((8 \times (7 + (((6 + 5!) + 4^3)^2))) + 1) \\
 288867 &:= ((1 + 2) - 3!!) - ((4^5 - 6 - 7!) \times 8 \times 9) &= (((9 \times (8 + 7)) \times (6! - 5)) + 4) \times 3 - ((2 + 1)!)! \\
 288868 &:= (12 \times (3!! + 4!)) + (5 + (6^7 + (8 - 9))) &= ((9 + (8! + (7!/6 - 5))) \times (4 + 3)) + ((2 + 1)!)! \\
 288869 &:= (((1 + 2)!! - 3!) \times 4!) + 5) + (6 \times ((7! - 8) \times 9)) &= ((9 + 8!) \times 7) + ((6 + ((5 + 4)^{3!-2}) - 1) \\
 288870 &:= (1 + 2) \times (((3 \times 4!) + 5) \times (6! + 7)) + 8! - 9) &= 9 - (8 + (7 \times (((6 - 5!) \times ((4 + 3!!)/2)) + 1))) \\
 288871 &:= 1 \times (((2 + 3)! - (4 \times 5!))/6) + 7 \times 8! - 9) &= ((9 + 8!) \times 7) + (6 + (((5 + 4)^{3!-2}) + 1)) \\
 288872 &:= 1 - (2 - (3 \times ((4 + ((5! \times (6! - 7))/8)) \times 9))) &= 9 + ((8 \times ((7! + (6^5 \times 4)) - 3!^2)) - 1) \\
 288873 &:= (((1 + 2) \times 3!! - 4!) \times (5! - 6)) + (7! + 8! + 9) &= (9 + 8 - 7!/6) \times ((5 + 4) - (3!!/2 \times 1)) \\
 288874 &:= (1 - (((2 - 3^4) \times (5 \times 6!)) + 7)) + 8!/9 &= 9 + ((8 \times ((7! + (6^5 \times 4)) - 3!^2)) + 1) \\
 288875 &:= 1 \times (2 + (3 \times ((4 + ((5! \times (6! - 7))/8)) \times 9))) &= (-9 + 8! \times 7) + ((6! - (5! - 4)) \times ((3! \times 2) - 1)) \\
 288876 &:= 1 + (2 + (3 \times ((4 + ((5! \times (6! - 7))/8)) \times 9))) &= 9 + (8 + ((7 + (6^5 + 4!)) \times (3!^2 + 1))) \\
 288877 &:= 1 - (2 \times (3! - (4 \times (5! + (6! - (7! - 8! + 9)))))) &= ((9 - 8) - (7 \times ((6 - 5!) \times ((4 + 3!!)/2)))) \times 1 \\
 288878 &:= (1 + (((2 \times 3! - 4)! - 5!)/6)) + (7 \times (8! - 9)) &= 9 - ((8 + (7 \times ((6 - 5!) \times ((4 + 3!!)/2)))) - 1) \\
 288879 &:= (1 + 2)! - (((3!! \times 4) + ((5! - 6^7)/8)) \times 9) &= (((9 + 8!) \times 7) - 6!/5) + ((4!/3)!/(2 + 1)!) \\
 288880 &:= 1 \times ((2 \times ((3^4 + 5!) \times 6!)) - (7! - 8!/9)) &= 9 + ((8 + (((7! \times 6/5) \times 4!) - 3!!) \times 2)) - 1) \\
 288881 &:= 1 - ((2 \times ((3!! - 4) \times (5!/6))) + ((7! - 8!) \times 9)) &= 9 + 8 + (((7! \times 6/5) \times 4!) - 3!!) \times 2 \times 1) \\
 288882 &:= (1 - ((2^{3!} \times (4 - 5!)) + 6!)) + (7 \times (8! - 9)) &= 9 + (8 + (((7! \times 6/5) \times 4!) - 3!!) \times 2 + 1)) \\
 288883 &:= 1 + (((2 + 3) + ((45 \times (6! - 7)) + 8)) \times 9) &= ((9 + 8!) \times 7) - ((6! + (5! - (4!/3)!))/(2 + 1)!) \\
 288884 &:= (((12 - 3)^4) + 5!/6) + (7 \times (8! + 9)) &= 9 - (8 + (7 \times (((6 - 5!) \times ((4 + 3!!)/2)) - 1))) \\
 288885 &:= ((1 + 2)! \times (3!! + 4!)) + (5 + (6^7 + 8!/9)) &= (9 + (8! + ((7 + (6 \times 5!)) \times 4!))) \times ((3 + 2) \times 1) \\
 288886 &:= (1 - (2 \times (3! - (4 \times (5! + 6!)))) + (7 \times (8! - 9)) &= 9 + (8 - (7 \times (((6 - 5!) \times ((4 + 3!!)/2)) + 1))) \\
 288887 &:= 1 - (2 + (3 \times (4! - ((5!/6 \times 7!) - 8!/9)))) &= ((9 + 8) \times (((7!/6!)^5) + 4! \times 3!)) + ((2 + 1)!)! \\
 288888 &:= (1 - (((2 - 3^4) \times (5 \times 6!)) - 7)) + 8!/9 &= (9 + (((8 + ((7! \times 6/5) \times 4!)) - 3!!) \times 2)) - 1) \\
 288889 &:= 1 \times (((2 + 3)! - (4 \times 5!))/6) + (7 \times 8! + 9) &= (9 + (((8 + ((7! \times 6/5) \times 4!)) - 3!!) \times 2)) \times 1) \\
 288890 &:= (1 + (((2 + 3)! - (4 \times 5!))/6) + 7 \times 8!) + 9 &= (9 + (((8 + ((7! \times 6/5) \times 4!)) - 3!!) \times 2)) + 1) \\
 288891 &:= (((1 - 2^{3!}) \times (4 - 5!)) - 6!) + (7 \times (8! + 9)) &= ((9 + (8! + 7)) \times 6) + (((5!/4!)^{3!}) \times (2 + 1)) \\
 288892 &:= 1 - ((2 \times (3 - (4 \times (5! + 6!)))) - (7 \times (8! - 9))) &= 9 + 8 - ((7 \times ((6 - 5!) \times ((4 + 3!!)/2))) + 1) \\
 288893 &:= ((1 + 2) \times ((3!! + 4) \times (5! + (6 + 7)))) + (8 + 9) &= (9 + 8! \times 7) + ((6! - (5! - 4)) \times ((3! \times 2) - 1))
 \end{aligned}$$

$$\begin{aligned}
 288894 &:= 1 \times (2 \times (3 + (4 \times (5! + (6! - (7! - 8! + 9)))))) &= 9 + (8 - ((7 \times ((6 - 5!) \times ((4 + 3!)/2))) - 1)) \\
 288895 &:= 1 + (2 \times (3 + (4 \times (5! + (6! - (7! - 8! + 9)))))) &= (((-9 - 8) \times ((7 - 6! + 5) \times 4!)) + 32) - 1 \\
 288896 &:= (1 \times 2^{3!}) \times ((4 + (5 \times 6)) + (7! \times 8/9)) &= ((9 - (8 - 7)) + (6^5 + 4!)) \times (3!^2 + 1) \\
 288897 &:= ((1 + (2 \times (3 + 4!))) \times 5!) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6) - (5! - ((4!/3)!/(2 + 1)!)) \\
 288898 &:= (1 + (2 \times ((3! + 4!) \times 5)) - (6! - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6!) + (5 \times (4! + (3! \times 2 - 1))) \\
 288899 &:= 1 \times (2 + ((3 + 4) \times (((5! + (6! \times 7)) \times 8) - 9))) &= (((9 + 8!) \times 7) + (6! + 5!)) + (4 \times (3! \times 2 - 1)) \\
 288900 &:= ((1 - 2 \times (3! - 4)) \times (5!/6)) - ((7! - 8!) \times 9) &= 9 + 8 - (7 \times (((6 - 5!) \times ((4 + 3!)/2)) - 1)) \\
 288901 &:= ((1 + 2)! - (((3 \times 4!) - 5) \times (6! - (7! - 8)))) - 9 &= 9 + (8! \times 7 + (((6! - (5 - 4!)) \times (3^2)) + 1)) \\
 288902 &:= ((1 + (2 \times (3! + 4!))) \times 5) - (6! - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6!) + ((5 \times (4! + 3! \times 2)) - 1) \\
 288903 &:= (((1 + 2) \times 3! - 4) \times 5!) + ((6 \times (7! - 8)) - 9) &= (((9 + 8!) \times 7) - (6! - 5!)) + ((4 + 3!) \times (2 + 1)!) \\
 288904 &:= (1 + (2 \times (3 + (4 \times (5! + 6!)))) + (7 \times (8! - 9))) &= 9 - ((8 \times (7! - ((6! \times 5! - 4^3)/2))) + 1) \\
 288905 &:= 1 \times (((2 + (3 \times 4!)) \times 5!) + (6^7 + 89)) &= 9 - (8 \times (7 - (((6! + 5!) \times 43) - (2 - 1)))) \\
 288906 &:= ((1 + 2) \times (((3 \times 4!) + 5) \times (6! + 7)) + 8!) + 9 &= (((9 + 8) \times ((7 \times 6!) + 5^4)) - 3) \times (2 + 1) \\
 288907 &:= (((1 + 2 \times 3!) \times 4) + (5! + 6!)) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + (6! + 5!)) + (4 \times (3! \times 2 + 1)) \\
 288908 &:= (((1 + (2 \times 3! + 4!)) \times 5) - 6!) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - 6!) + (5 \times (4! + (3! \times 2 + 1))) \\
 288909 &:= (((1 + (2 \times (3 + 4!))) \times 5!) + 6) + (7 \times (8! + 9)) &= ((9 \times (8 + 7)) + (6!/5!)) \times (4^{3!}/2 + 1) \\
 288910 &:= (1 + (2 \times (3! + (4 \times (5! + 6!)))) + (7 \times (8! - 9))) &= (9 + 8! \times 7) + (((6! + (5 \times 4)) \times (3^2)) + 1) \\
 288911 &:= 1 \times (2 + ((3 + (4^5 \times 6)) \times ((7 \times 8) - 9))) &= (9 \times (8! - 7!) - 6!) - (((5! + (4!^3)) \times 2) + 1) \\
 288912 &:= 1 \times (((2 + 3!) \times (4! - (5 \times 6!))) - ((7! - 8!) \times 9)) &= (9 \times (8! - 7!) - 6!) - ((5! + (4!^3)) \times 2 \times 1) \\
 288913 &:= (1 + ((2 + 3!) \times (4! - (5 \times 6!)))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - 6!) - (((5! + (4!^3)) \times 2) - 1) \\
 288914 &:= (1 + (((2 + 3!)! - (4! - 5!)/6)) + (7 \times (8! - 9))) &= ((9 + 8!) \times 7) - (((6! - 5!) - 4!^3)/2 + 1) \\
 288915 &:= (1 \times 2 - (((3 \times 4!) - 5) \times (6! - (7! - 8)))) + 9 &= ((9 + 8!) \times 7) - ((6 - 5!) \times ((4^3) - (2 + 1)!)) \\
 288916 &:= 1 - (((2 - 3!) \times 4!) + ((5 - (6 \times (7! - 8))) \times 9)) &= ((9 + 8!) \times 7) - (((6! - 5!) - 4!^3)/2 - 1) \\
 288917 &:= 1 \times (2 + ((3 - (4! \times (5 - (6! - 7)))) \times (8 + 9))) &= ((9 - 8) + 7 \times 6) \times ((5! \times (4! + 32)) - 1) \\
 288918 &:= (1 - 2^{3!}) \times (4 + ((5! - (6! \times 7/8)) \times 9)) &= 9 - (((8 + 7) - 6!)/5) \times (4^{3!}/2 + 1) \\
 288919 &:= 1 \times (((2 + 3!)! - (4 - (5! + 6! - 7!))) \times 8) - 9 &= (9 \times (8! - 7!)) - (((6! - 5) \times (4 + 3!^2)) + 1) \\
 288920 &:= 1 + (((2 + 3!)! - (4 - (5! + 6! - 7!))) \times 8) - 9 &= (9 + (8 \times (7! - (6 \times (5 - ((4! \times 3)^2)))))) - 1 \\
 288921 &:= (1 + (((2^{3!}) - 4!) \times (5 - 6!))) - ((7! - 8!) \times 9) &= (9 + (8 \times (7! - (6 \times (5 - ((4! \times 3)^2)))))) \times 1 \\
 288922 &:= (1 + (((2 + 3!)! + 4! + 5!)/6)) + (7 \times (8! - 9)) &= (9 + (8 \times (7! - (6 \times (5 - ((4! \times 3)^2)))))) + 1 \\
 288923 &:= (1 - (2 \times (3! + 4!))) \times (5! + (6 - (7! - (8 + 9)))) &= ((9 + 8!) \times 7) - ((6! - (5! + (4!/3)!))/(2 + 1)!) \\
 288924 &:= (1 + 2)! \times (3! - ((4 \times (5 - 6!)) - ((7! - 8) \times 9))) &= ((9 \times (((8 + 7) \times (6! - 5)) - 4!) \times 3) - 2) - 1 \\
 288925 &:= (12 - (((3 \times 4!) - 5) \times (6! - (7! - 8)))) + 9 &= ((9 \times (((8 + 7) \times (6! - 5)) - 4!) \times 3) - 2) \times 1 \\
 288926 &:= 1 - (2 + (3 \times ((4! + ((5 - 6!) \times (7 + 8))) \times 9))) &= ((9 \times (((8 + 7) \times (6! - 5)) - 4!) \times 3) - 2) + 1 \\
 288927 &:= ((1 + 2)! \times ((3^4 \times 5) + 6!)) + (7 \times (8! - 9)) &= (((9 \times (8 + 7)) \times (6! - 5) + 4!) \times 3) - ((2 + 1)!) \\
 288928 &:= 1 \times ((2^{3!}) - (4! \times ((5 - (6! - 7)) \times (8 + 9)))) &= ((9 - (8 - 7))^6) + ((5! + 4) \times (3!^{2+1})) \\
 288929 &:= ((1 \times 2 + 3!) \times (4 + (5! + 6!))) + (7 \times (8! - 9)) &= 9 + (8 \times (7! - ((6 \times (5 - ((4! \times 3)^2))) - 1))) \\
 288930 &:= (1 + ((2 + 3!) \times (4 + (5! + 6!)))) + (7 \times (8! - 9)) &= (9 \times (((8 + 7) \times (6! - 5)) - 4!) \times 3) + (2 + 1) \\
 288931 &:= 1 - (2 \times (3! - ((4 \times (5! + (6! - (7! - 8!)))) - 9))) &= 9 \times 8 + ((7 + (6^5 + 4!)) \times (3!^2 + 1)) \\
 288932 &:= (1 + (((2 \times 3! - 4!) - 5!)/6) + 7 \times 8!) - 9 &= ((9 + 8) \times (((7 + 6!) - 5!) \times 4)) \times (3! + (2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 288933 &:= (1 + (2 \times (3!! - ((4! + 5) \times (6 - 7!)))) - 8!/9 &= (9 + (8!/(7!/6))) \times (5 + (4! + ((3! + (2 - 1))))!) \\
 288934 &:= -1 + (((2 + 3!)! + (4! - 5!))/6) + 7 \times 8! - 9 &= (9 \times (8! - (7! - 6))) + ((5! \times (4 - 3!))/(2 + 1)) \\
 288935 &:= 1 \times (((2 + 3!)! + (4! - 5!))/6) + 7 \times 8! - 9 &= 9 \times 8 + (((7! \times 6/5) \times 4!) - 3!) \times 2 - 1 \\
 288936 &:= 1 + (((2 + 3!)! + (4! - 5!))/6) + 7 \times 8! - 9 &= 9 + 8! + (((7 - 6^5) \times (4 - 3!^2)) - 1) \\
 288937 &:= 1 \times (((2 + 3!)! - (4 - (5! + 6! - 7!))) \times 8) + 9 &= 9 \times 8 + (((7! \times 6/5) \times 4!) - 3!) \times 2 + 1 \\
 288938 &:= 1 + (((2 + 3!)! - (4 - (5! + 6! - 7!))) \times 8) + 9 &= 9 + 8! + (((7 - 6^5) \times (4 - 3!^2)) + 1) \\
 288939 &:= (1 + 2) - (((3 + 4^5) - 6! \times 7) \times 8 \times 9) &= (9 + 8! \times 7) + (6 \times (((5! + 4) \times (3^2)) - 1)) \\
 288940 &:= (1 - ((2 \times (3! - (4 \times (5! + 6!)))) - (7 \times 8!))) - 9 &= ((98 + ((7! + 6!) \times 5)) - 4) \times (3^2 + 1) \\
 288941 &:= (12 \times (3!! + 4!)) + (5 + (6^7 + 8 \times 9)) &= 9 \times 8 - (7 \times (((6 - 5!) \times ((4 + 3!)/2)) + 1)) \\
 288942 &:= 1 \times (2 \times (((3!! \times (4 + 5!))/6) \times 7) + 8! - 9) &= (9 \times (8! - (7 - ((6 - 5!) \times (4! \times 3)))) - (2 + 1) \\
 288943 &:= 1 + (2 \times (((3!! \times (4 + 5!))/6) \times 7) + 8! - 9) &= (9 \times (8! - (7 - ((6 - 5!) \times (4! \times 3)))) - 2 \times 1 \\
 288944 &:= 1 - (2 + (((3 \times (4! \times (5! - 6))) + 7 - 8!) \times 9)) &= (9 + 8! \times 7) + (((6 \times 5!) + 4!) \times (3^2)) - 1 \\
 288945 &:= 1 - (2^{3!} + ((4! \times 5! - (6^7/8)) \times 9)) &= 9 - (8 \times (7! - (6! + (5! + ((4!/3!) - 2 - 1)))) \\
 288946 &:= 1 + ((2 \times 3! + ((45 \times (6! - 7)) + 8)) \times 9) &= 9 + (8! \times 7 + (((6 \times 5!) + 4!) \times (3^2)) + 1) \\
 288947 &:= 1 - (2 + (3 \times (4 - ((5!/6 \times 7!) - 8!/9)))) &= ((9 \times (8! - (7 - ((6 - 5!) \times (4! \times 3)))) + 2) \times 1 \\
 288948 &:= 1 \times (2 \times ((3 + (4 \times (5! + (6! - (7! - 8!)))) - 9)) &= (9 \times (8! - 7!)) - (6 \times (((5 + 4^3)^2) + 1)) \\
 288949 &:= 1 + (2 \times ((3 + (4 \times (5! + (6! - (7! - 8!)))) - 9)) &= ((9 + 8!/7!) \times (6! - (5 - 4!))) \times ((3! - 2)! - 1) \\
 288950 &:= 1 \times (2 - (3 \times (4 - ((5!/6 \times 7!) - 8!/9)))) &= (9 + 8! \times 7) + ((6 - (5! - (4!/3!)))/(2 + 1)!) \\
 288951 &:= 1 + (2 - (3 \times (4 - ((5!/6 \times 7!) - 8!/9)))) &= 9 + (8! \times 7 + (6 \times (((5! + 4) \times (3^2)) + 1))) \\
 288952 &:= (1 + (2 \times ((3!! + 4!) \times 5))) - (6! - (7 \times 8! - 9)) &= 9 - ((8 \times (7! - (6! + (5! + ((4!/3!) - 2)))) + 1) \\
 288953 &:= 1 - (2 + (((3! + 4! \times 5!) - (6^7/8)) \times 9)) &= (9 \times (8! - 7!)) - ((6 \times ((5 + 4^3)^2)) + 1) \\
 288954 &:= (1 - ((2^{3!} \times (4 - 5!)) + 6!)) + (7 \times 8! + 9) &= 9 - ((8 \times (7! - (6! + (5! + ((4!/3!) - 2)))) - 1) \\
 288955 &:= 1 + ((2 + (((34 \times 5!) - 67) \times 8)) \times 9) &= (9 \times (8! - 7!)) - ((6 \times ((5 + 4^3)^2)) - 1) \\
 288956 &:= 1 \times (2 - (((3! + 4! \times 5!) - (6^7/8)) \times 9)) &= (9 + 8! \times 7) + (((6! + 5!) \times 4) - 3!) \times 2 - 1 \\
 288957 &:= 1 + (2 - (((3! + 4! \times 5!) - (6^7/8)) \times 9)) &= (9 + 8! \times 7) + (((6! + 5!) \times 4) - 3!) \times 2 \times 1 \\
 288958 &:= (1 - ((2 \times (3! - (4 \times (5! + 6!)))) - (7 \times 8!))) + 9 &= (9 + 8! \times 7) + (((6! + 5!) \times 4) - 3!) \times 2 + 1 \\
 288959 &:= (((1 + 2) \times 3!! - 4) \times 5!) + 6 \times 7! + (8 - 9) &= (9 \times (8! - 7!)) - ((6 + (5! + 43))^2 \times 1) \\
 288960 &:= (1 \times 2 + 3!)! + (4! \times (5! + (6! + (7! + 8!/9)))) &= ((9 \times 8) + (((7! + 6!) \times 5) + 4!)) \times (3^2 + 1) \\
 288961 &:= (1 + (2 + 3!)!) + (4! \times (5! + (6! + (7! + 8!/9)))) &= 9 - 8 - (7!/6 \times ((5 + ((4! - 3!)/2)) - 1)) \\
 288962 &:= 1 - (2 - (3!! \times 4! - ((5 - (6 \times (7! - 8))) \times 9))) &= (9 + 8! \times 7) + (((6! + 5!) \times 4) - 3) \times 2 - 1 \\
 288963 &:= (1 \times 2 \times (3! + (4 \times (5! + 6!)))) + (7 \times 8! - 9) &= ((9 - (8 \times (7 - 6^5))) \times 4) + ((3! + 2)! - 1) \\
 288964 &:= (1 + (2 \times (3! + (4 \times (5! + 6!)))) + (7 \times 8! - 9) &= (9 + 8! \times 7) + (((6! + 5!) \times 4) - 3) \times 2 + 1 \\
 288965 &:= 1 \times ((2 + 3!! \times 4!) - ((5 - (6 \times (7! - 8))) \times 9)) &= ((9 - (8 \times (7 - 6^5))) \times 4) + ((3! + 2)! + 1) \\
 288966 &:= 1 + ((2 + 3!! \times 4!) - ((5 - (6 \times (7! - 8))) \times 9)) &= ((9 + 8) \times ((7 + (6^5)) - (4 - 3!))) \times 2 \times 1 \\
 288967 &:= (((1 \times 2 + 3!)! - (4! - 5!))/6) + (7 \times 8! - 9) &= 9 - ((8 \times (7! - (6! + (5! + (4!/3!)))) + 2 \times 1) \\
 288968 &:= (1 + (((2 + 3!)! - (4! - 5!))/6)) + (7 \times 8! - 9) &= ((9 + 8! \times 7) - 6!) + ((5 \times ((4! + 3!)) \times 2) - 1) \\
 288969 &:= (1 \times 2 \times ((3!! + 4!) \times 5)) - (6! - (7 \times 8! + 9)) &= (9 + ((8! + 7!) \times 6)) + ((5! \times 4) \times (3!^2 - 1)) \\
 288970 &:= (1 + (2 \times ((3!! + 4!) \times 5))) - (6! - (7 \times 8! + 9)) &= (9 + (8 \times (((7 + 6!) \times 5) - 4!)) \times (3^2 + 1) \\
 288971 &:= 1 - (2 - (3 \times ((4 + (5!/6 \times 7!)) - 8!/9))) &= 9 - ((8 \times (7! - (6! + (5! + (4!/3!)))) - (2 \times 1))
 \end{aligned}$$

$$\begin{aligned}
 288972 &:= 1 \times 2 \times (3 \times (4! \times 5! - (6 - ((7! - 8) \times 9)))) &= (9 + 8 - (7!/6 + 5)) \times (((4! - 3!)/2) - 1) \\
 288973 &:= 1 - ((2 - (3! - 4 \times 5)) \times (6 \times (78 - 9))) &= 9 + ((8! \times 7 + ((6! + 5^4) \times (3 + 2))) - 1) \\
 288974 &:= 1 \times (2 + (3 \times ((4 + (5!/6 \times 7!)) - 8!/9))) &= ((9 + 8! \times 7) - 6!) + (5 \times (((4! + 3!)/2) + 1)) \\
 288975 &:= 1 + (2 + (3 \times ((4 + (5!/6 \times 7!)) - 8!/9))) &= (9 \times ((8 + 7!) \times 6)) + (((5! + (4!/3))^2) - 1) \\
 288976 &:= (1 + (((2 + 3!)! + 4! + 5!)/6) + 7 \times 8!) - 9 &= 9 + 8! + (7 \times (6! + (((5! + 4! \times 3!)/2) + 1))) \\
 288977 &:= 1 \times (((2 + 3!)! + (4 \times 5!)/6) + (7 \times (8! - 9))) &= (9 \times ((8 + 7!) \times 6)) + (((5! + (4!/3))^2) + 1) \\
 288978 &:= (1 + (((2 + 3!)! + (4 \times 5!)/6)) + (7 \times (8! - 9))) &= ((98 + ((7! + 6!) \times 5)) \times (4 + 3!)) - 2 \times 1 \\
 288979 &:= 1 + (2 + (((3 + 4)^5) + ((6 \times (7! + 8!)) + 9))) &= ((98 + ((7! + 6!) \times 5)) \times (4 + 3!)) - (2 - 1) \\
 288980 &:= 1 - (2 + (((3 \times 4!) + 5) \times (6! + (7 - 8!/9)))) &= (9 + 8! \times 7 + 6) + (5 + ((4!/3)/(2 + 1)!)) \\
 288981 &:= 1 \times ((2 \times ((3 + 4!) \times (5! + 6))) + (7 \times (8! - 9))) &= (9 + 8! \times 7) + (((6! + 5!) \times 4) + 3!) \times 2 \times 1 \\
 288982 &:= (1 + (2 \times (3! + (4 \times (5! + 6!)))) + (7 \times 8! + 9)) &= (9 + 8! \times 7) + (((6! + 5!) \times 4) + 3!) \times 2 + 1 \\
 288983 &:= 1 \times 2 - (((3 \times 4!) + 5) \times (6! + (7 - 8!/9))) &= ((9 + 8! \times 7) - 6) + ((5! + (4!/3!)/(2 + 1)!)) \\
 288984 &:= (1 + (((2 + 3!) \times (4 + (5! + 6!))) + 7 \times 8!) - 9) &= 9 - ((8 \times (7! - (6! + (5! + ((4!/3!) + 2)))) + 1) \\
 288985 &:= (((1 \times 2 + 3!)! - (4! - 5!)/6) + (7 \times 8! + 9)) &= 9 - (8 \times (7! - (6! + (5! + ((4!/3!) + 2 \times 1)))) \\
 288986 &:= (((1 + 2 \times 3! \times 4) \times ((5 + 6!) \times 7)) + 8!) - 9 &= 9 - ((8 \times (7! - (6! + (5! + ((4!/3!) + 2)))) - 1) \\
 288987 &:= (1 + 2)! - (((3 \times 4!) + 5) \times (6! + (7 - 8!/9))) &= 9 + ((8! - ((7 - 6!) \times (5!/4! + 3!))) \times (2 + 1)! \\
 288988 &:= (12 + ((3 + 4)^5)) + ((6 \times (7! + 8!)) + 9) &= (9 + 8! \times 7) - ((6 - (5! + (4!/3!)))/(2 + 1)! \\
 288989 &:= 1 \times (((2 \times 3! - 4!)! + 5!)/6) + (7 \times 8! + 9) &= (9 + (8! \times 7!/6!)) + ((5! + (4!/3!))/(2 + 1)! \\
 288990 &:= 1 + (((2 \times 3! - 4!)! + 5!)/6) + (7 \times 8! + 9) &= (((9 + (8!/7 + 6)) \times 5) + 4!) \times (3^2 + 1) \\
 288991 &:= 1 - ((2 - (3 \times (4! - (5! - (6! \times (7 + 8)))))) \times 9) &= (9 + 8! \times 7) + (((6! + 5 + 4!) \times (3^2)) + 1) \\
 288992 &:= (1 - ((2 + 3!) \times (4 - (5! + 6!)))) + (7 \times (8! + 9)) &= 9 + ((8! \times 7) - (((6! + 5) - 4^{3!}) \times 2) - 1) \\
 288993 &:= 1 \times (((2 + 3!)! + 4! + 5!)/6) + (7 \times 8! + 9) &= ((9 + 8!) \times 7) + (6 \times (((5! + 4) \times (3^2)) - 1)) \\
 288994 &:= (1 + (((2 + 3!)! + 4! + 5!)/6) + 7 \times 8!) + 9 &= -9 + ((8! \times 7) - (((6! - 5) - 4^{3!}) \times 2) - 1) \\
 288995 &:= (1 - ((2 \times 3!)/4)) \times (5 - (6 \times ((7 + 8) \times 9))) &= ((9 \times (8 + 7!/6)) + 5^4) \times (3!^2 - 1) \\
 288996 &:= (1 + 2) \times (((3 \times 4) + (5!/6 \times 7!)) - 8!/9) &= 9 + (87 + (((6! \times 5)/4) \times 321)) \\
 288997 &:= 1 - 2 \times 3! - ((4! \times 5! - (6^7/8)) \times 9) &= 9 + 8! + (7 \times (((6! + 5) \times ((4 + 3)^2)) - 1)) \\
 288998 &:= (-1 + (((2 + 3!)! - (4! + 5!)/6)) + (7 \times (8! + 9))) &= ((9 + 8!) \times 7) + (((6 \times 5!) + 4!) \times (3^2)) - 1) \\
 288999 &:= 1 \times (((2 - 3) - 4! \times 5!) + (6^7/8)) \times 9 &= ((9 + 8!) \times 7) - ((6!/5 - (4!/3!))/(2 + 1)! \\
 289000 &:= 1 + (((2 - 3) - 4! \times 5!) + (6^7/8)) \times 9 &= ((9 + 8!) \times 7) + (((6 \times 5!) + 4!) \times (3^2)) + 1)
 \end{aligned}$$

2.1.10 Numbers From 289001 to 290000

$$\begin{aligned}
 289001 &:= 1 \times (((2 + 3!) \times (4 + (5! + 6!))) + (7 \times 8! + 9)) &= (9 + 8! \times 7) - ((6 \times 5! - 4^{3!}) \times 2 \times 1) \\
 289002 &:= 1 - (2 - (3! \times 4! - (5 - (6 \times ((7! - 8) \times 9)))) &= (9 + 8! \times 7) - (((6 \times 5! - 4^{3!}) \times 2) - 1) \\
 289003 &:= (1 + 2 \times 3!) \times ((4! \times 5! \times 6) + (7! - 89)) &= 9 + ((8! + ((7 \times (6! + 5)) \times ((4 + 3)^2))) - 1) \\
 289004 &:= 1 \times ((2 - 3!) - ((4! \times 5! - (6^7/8)) \times 9)) &= (9 + 8! + ((7 \times (6! + 5)) \times ((4 + 3)^2))) \times 1 \\
 289005 &:= 1 + ((2 - 3!) - ((4! \times 5! - (6^7/8)) \times 9)) &= ((9 + 8!) \times 7) + (6 \times (((5! + 4) \times (3^2)) + 1)) \\
 289006 &:= (1 - ((2 - 3!) \times 4!)) + ((5 + (6 \times (7! - 8))) \times 9) &= (-9 + (8 \times (7 + ((6! + 5!) \times 43)))) - (2 - 1) \\
 289007 &:= 1 \times 2 - (3 + ((4! \times 5! - (6^7/8)) \times 9)) &= (9 \times (8! - 7!)) - (6^5 + (((4! \times 3!)^2) + 1))
 \end{aligned}$$

$$\begin{aligned}
 289008 &:= (1 - ((2^{3!} \times (4 - 5!)) + 6!)) + (7 \times (8! + 9)) &= (9 \times (8! - 7!) - 6^5) - ((4! \times 3!)^2 \times 1) \\
 289009 &:= ((1 + 2)! + 3!! \times 4!) - (5 - (6 \times ((7! - 8) \times 9))) &= (9 \times (8! - 7!)) - (6^5 + (((4! \times 3!)^2) - 1)) \\
 289010 &:= 1 - ((2 - 3) + ((4! \times 5! - (6^7/8)) \times 9)) &= (9 + 8! \times 7) - (((6! - 5) - 4^{3!}) \times 2) + 1) \\
 289011 &:= ((1 \times 2 + 3!!) \times 4!) - ((5 - (6 \times (7! - 8))) \times 9) &= (9 + 8! \times 7) - (((6! - 5) - 4^{3!}) \times 2 \times 1) \\
 289012 &:= (1 + ((2 + 3!!) \times 4!)) - ((5 - (6 \times (7! - 8))) \times 9) &= 9 + ((8! \times 7) - (((6! - 5) - 4^{3!}) \times 2) - 1)) \\
 289013 &:= 1 - ((2 - 3!) + ((4! \times 5! - (6^7/8)) \times 9)) &= ((9 \times (8 + (7! \times 6))) + 5) + (4! \times (3!! - 21)) \\
 289014 &:= 1 \times 2 \times (3 + (4! \times ((5 + 6! - (7 \times 8)) \times 9))) &= ((9 + (8! + 7!)) \times 6) + ((5! \times 4) \times (3!^2 - 1)) \\
 289015 &:= 1 \times (2 + (3!! \times 4! + (5 + (6 \times ((7! - 8) \times 9)))) &= (-9 + 8 \times 7!) + ((6^5 - 4) \times (32 \times 1)) \\
 289016 &:= 1 \times ((2 + 3!) - ((4! \times 5! - (6^7/8)) \times 9)) &= ((9 + 8!) \times 7) + (((6! + 5!) \times 4) - 3) \times 2) - 1) \\
 289017 &:= 1 + ((2 + 3!) - ((4! \times 5! - (6^7/8)) \times 9)) &= (9 - (8!/7)) + (6!/5 \times (4^{3!}/2 - 1)) \\
 289018 &:= 1 + ((2 \times ((3! + 4!) \times (5! - 6))) + (7 \times (8! - 9))) &= ((9 + 8!) \times 7) + (((6! + 5!) \times 4) - 3) \times 2) + 1) \\
 289019 &:= 1 - (2 - ((3! + 4!) \times (5! - (6 - (7! + 8!/9)))) &= (9 + (8 \times (7 + ((6! + 5!) \times 43)))) - (2 + 1)! \\
 289020 &:= (((1 + (2 + 3!))! - (4! - 5!)/6) + (7 \times (8! + 9))) &= (((9 + (8 \times ((7 \times 6!) + 5!))) \times (4 + 3)) - 2) - 1 \\
 289021 &:= 1 + 2 \times 3! - ((4! \times 5! - (6^7/8)) \times 9) &= (9 \times (((8 + 7!) \times 6) + 5)) + (4^{3!+2-1}) \\
 289022 &:= 1 \times (2 + ((3! + 4!) \times (5! - (6 - (7! + 8!/9)))) &= (((9 + 8!) \times 7) - 6!) + ((5 \times ((4! + 3!!) \times 2)) - 1) \\
 289023 &:= 1 + (2 + ((3! + 4!) \times (5! - (6 - (7! + 8!/9)))) &= (((9 + 8!) \times 7) - 6!) + (5 \times ((4! + 3!!) \times 2 \times 1)) \\
 289024 &:= (1 + (2 \times ((3!! + 4!) \times 5))) - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) + ((5 \times ((4! + 3!!) \times 2)) + 1) \\
 289025 &:= 1 - (2^{3!} \times (4 + 5! - (6! - ((7! - 8!)/9)))) &= 9 - ((8 \times 7) \times (6! - ((5! \times ((4 + 3)^2)) + 1))) \\
 289026 &:= ((1 + 2)! \times (3 + 4! \times 5!)) + (6 \times ((7! - 8) \times 9)) &= ((9 + 8!) \times 7) + (((6! + 5!) \times (4!/3)) + (2 + 1)) \\
 289027 &:= ((1 + 2)! + ((3 + 4)^5)) + (6 \times (7! + 8! + 9)) &= (((9 + 8!) \times 7) + ((6! + 5^4) \times (3 + 2))) - 1 \\
 289028 &:= ((1 + (2 \times (3!! + 4!))) \times 5) - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) + (5 \times (((4! + 3!!) \times 2) + 1)) \\
 289029 &:= 1 \times ((2 \times ((3^4 + 5!) \times (6! + (7 - 8)))) - 9) &= (((9 + 8! - (7! - (6! + 5!))) \times (4!/3)) - 2) - 1 \\
 289030 &:= (1 + (2 \times (3 + (4 \times (5! + 6!)))) + (7 \times (8! + 9))) &= (((9 + 8! - (7! - (6! + 5!))) \times (4!/3)) - 2) \times 1 \\
 289031 &:= 1 - (2 - (3 \times (4! + ((5!/6 \times 7!) - 8!/9))) &= (9 \times (8! - 7!) - 6!) - (5! + (4!^3 \times 2 + 1)) \\
 289032 &:= (1 + (((2 + 3!))! + (4 \times 5!)/6) + 7 \times 8!) - 9 &= (9 \times (8 + (7! \times 6))) + ((5! \times 4) \times (3!^2 - 1)) \\
 289033 &:= (1 - (2 + 3!)) - ((4^5 - 6! \times 7) \times 8 \times 9) &= (9 \times (8! - 7!) - 6!) - ((5! + 4!^3 \times 2) - 1) \\
 289034 &:= (1 - (((2 \times (3^4 - 5^6)) - 7!) \times 8)) + 9 &= ((9 + 8! \times 7) - 6) - (5! - (((4!^3)/2) - 1)) \\
 289035 &:= 1 + (2 + (3 \times (4! + ((5!/6 \times 7!) - 8!/9)))) &= (((9 + 8! - (7! - (6! + 5!))) \times (4!/3)) + 2) + 1 \\
 289036 &:= (1 + ((2 \times ((3 + 4!) \times (5! + 6))) + 7 \times 8!)) - 9 &= ((9 + 8! \times 7) - 6) - (5! - (((4!^3)/2) + 1)) \\
 289037 &:= 1 \times (2 + (((3 - 4! \times 5!) + (6^7/8)) \times 9)) &= (((9 + 8! - (7! - (6! + 5!))) \times 4) + 3) \times 2) - 1 \\
 289038 &:= 1 + (2 + (((3 - 4! \times 5!) + (6^7/8)) \times 9)) &= (((9 + 8! - (7! - (6! + 5!))) \times 4) + 3) \times 2) \times 1 \\
 289039 &:= 1 + (2 \times (3 + (4 \times (5! + (6! - (7! - 8! - 9)))) &= (((9 + 8! - (7! - (6! + 5!))) \times 4) + 3) \times 2) + 1 \\
 289040 &:= 1 - (2 - ((3! \times 4^5) + (6! + (7 \times (8! - 9)))) &= (9 + (8! \times 7!/6!)) - (5! - (((4!^3)/2) - 1)) \\
 289041 &:= ((1 - 2) + (3 \times 4!)) \times ((5! \times (6 \times 7 - 8)) - 9) &= (9 + (8! \times 7!/6!)) - (5! - ((4!^3)/2 \times 1)) \\
 289042 &:= ((1 + 2) + ((3 + 4)^5)) + ((6 \times 7! + 8) \times 9) &= (9 + (8! \times 7!/6!)) - (5! - (((4!^3)/2) + 1)) \\
 289043 &:= 1 - (2 - (3! \times (4! \times 5! + (6 + ((7! - 8) \times 9)))) &= ((9 + 8!) \times 7!/6!) + ((5! + (4!/3)!)/(2 + 1)!) \\
 289044 &:= 1 + (((2 \times 3! - 4)! + 5!)/6) + (7 \times (8! + 9))) &= ((9 + 8!) \times 7) - (((6! + 5) - 4^{3!}) \times 2) + 1) \\
 289045 &:= ((1 + 2)! + ((3 + 4)^5)) + ((6 \times 7! + 8) \times 9) &= ((9 + 8!) \times 7) + (((6! + 5 + 4!) \times (3^2)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 289046 &:= 1 \times (2 + (3! \times (4! \times 5! + (6 + ((7! - 8) \times 9)))) &= (9 + 8! \times 7 + 6) - (5! - (((4!)^3)/2) - 1) \\
 289047 &:= 1 + (2 + (3! \times (4! \times 5! + (6 + ((7! - 8) \times 9)))) &= (9 + 8! \times 7 + 6) - (5! - ((4!)^3/2 \times 1)) \\
 289048 &:= (1 + (((2 + 3!)! + 4! + 5!)/6)) + (7 \times (8! + 9)) &= (9 + 8! \times 7 + 6) - (5! - (((4!)^3)/2) + 1) \\
 289049 &:= 1 \times (((2 + 3!)! + (4 \times 5!))/6) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + 6) + ((5! + (4!/3)!)/(2 + 1)!) \\
 289050 &:= (1 + (((2 + 3!)! + (4 \times 5!))/6) + 7 \times 8!) + 9 &= 9 + 8! - ((7 + (6 \times (5 - 4!)^3)) \times (2 + 1)) \\
 289051 &:= 1 \times (((2 + 3!)! \times 4!) - (5 - (6 \times ((7! - 8) \times 9)))) &= (9 - 8) \times ((7 - (6! + 5!)) \times (((4! - 3!)/2) + 1)) \\
 289052 &:= 1 - (2 - (3!! \times 4! + ((5 + (6 \times (7! - 8))) \times 9))) &= (9 + 8! \times 7) + (((6 + 5!) \times ((4! + 3) \times 2)) - 1) \\
 289053 &:= ((1 + 2)! \times ((3^4 \times 5) + 6!)) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + (6 \times 5)) + ((4!/3)!/(2 + 1)!) \\
 289054 &:= (1 + ((2 \times ((3 + 4!) \times (5! + 6))) + 7 \times 8!)) + 9 &= (9 + 8! \times 7) + (((6 + 5!) \times ((4! + 3) \times 2)) + 1) \\
 289055 &:= 1 \times (((2 + 3!) \times (4 + (5! + 6!))) + (7 \times (8! + 9))) &= ((9 + 8!) \times 7) - ((6 \times 5! - 4^{3!}) \times 2 \times 1) \\
 289056 &:= (1 + ((2 + 3!) \times (4 + (5! + 6!)))) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) - (((6 \times 5! - 4^{3!}) \times 2) - 1) \\
 289057 &:= (((12 \times 3!!) + (4 \times 5!)) + 6^7) - 8 + 9 &= 9 + (8 \times ((7! + (6^5 \times 4)) - (3! \times 2 + 1))) \\
 289058 &:= (1 + 2 + 3!!) \times (\sqrt{4} + 56) \times 7 - 8!/9 &= 9 + 8! - ((7 - (6 \times 5! - 4!)) \times (3!!/2 + 1)) \\
 289059 &:= (1 + 2)! - (((3!! \times 4 - 5) - (6^7/8)) \times 9) &= (((98 + ((7! \times 6/5) \times 4!)) - 3!!) \times 2) - 1 \\
 289060 &:= -1 \times (2 - (((3! - 4! \times 5!) + (6^7/8)) \times 9)) &= ((9 + 8) \times ((7! - 6! + 5) \times 4)) - ((3! + (2 - 1)))! \\
 289061 &:= 1 - (2 - (((3! - 4! \times 5!) + (6^7/8)) \times 9)) &= (((98 + ((7! \times 6/5) \times 4!)) - 3!!) \times 2) + 1 \\
 289062 &:= (1 + (((2 + 3!)! \times 4!) + 5)) + (6 \times ((7! - 8) \times 9)) &= ((9 - (8 - 7)))! - (6 \times ((5 - 4!)^3 \times (2 + 1))) \\
 289063 &:= ((1 + ((2 + 3!)^4)) \times (5 + 6)) + (7 \times (8! - 9)) &= -9 - ((87 + (6! + 5)) \times (4 - (3!!/2 \times 1))) \\
 289064 &:= 1 \times ((2 + 3!) \times (4 + (5! + (6! - (7! - 8! - 9)))) &= ((9 + 8!) \times 7) - (((6! - 5) - 4^{3!}) \times 2) + 1) \\
 289065 &:= 1 + ((2 + 3!) \times (4 + (5! + (6! - (7! - 8! - 9)))) &= (9 + (((8 \times 7! - 6!) \times 5)/4!)) \times (3!^2 - 1) \\
 289066 &:= ((-1 + (2 + 3))^{4+5}) + (6 \times (7 + 8!/9)) &= ((9 + 8!) \times 7) - (((6! - 5) - 4^{3!}) \times 2) - 1) \\
 289067 &:= ((1234 \times 5) + 6!) + (7 \times (8! - 9)) &= (-9 + 8! \times 7) - (((6 + ((5 - 4!) \times 3!!))/2) + 1) \\
 289068 &:= (1 + 2)! + (((3! - 4! \times 5!) + (6^7/8)) \times 9) &= ((9 + ((8! + 7!) \times 6)) + ((5! + (4 + 3!)^2)) - 1) \\
 289069 &:= (((12^3) \times 4) - (5!/6)) + (7 \times (8! - 9)) &= ((9 + ((8! + 7!) \times 6)) + ((5! + (4 + 3!)^2)) \times 1) \\
 289070 &:= 1 - (2 + (((3 \times (4! \times (5! - 6))) - (7 + 8!)) \times 9)) &= ((9 + 8!) \times 7) - (6!/5 - (((4!)^3)/2) - 1) \\
 289071 &:= (((1 + 2)^3) + 4!) \times 5! + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6!/5) + ((4!)^3/2 \times 1) \\
 289072 &:= (1 - (2 \times ((3!!/4) - (5 \times 6!)))) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) - (6!/5 - (((4!)^3)/2) + 1) \\
 289073 &:= (1 + 2^{3!}) - ((4! \times 5! - (6^7/8)) \times 9) &= ((9 \times (8! + (7 + ((6 - 5!) \times (4! \times 3)))) + 2) \times 1) \\
 289074 &:= 1 + (2 - (((3 \times (4! \times (5! - 6))) - (7 + 8!)) \times 9)) &= ((9 \times (8! + (7 + ((6 - 5!) \times (4! \times 3)))) + 2) + 1) \\
 289075 &:= (((1 + 2) + 3!!) \times 4!) - 5 + (6 \times ((7! - 8) \times 9)) &= (-9 - (8!/7)) - (6 - ((543^2) + 1)) \\
 289076 &:= ((1 + 2)!^{3!}) + (4 \times 5 \times ((6! - 7) \times (8 + 9))) &= (9 + 8! \times 7 + 6) - ((5 - 4!) \times (3!!/2 - 1)) \\
 289077 &:= 1 \times ((2 \times (((3!! \times 4!)/5) - 6)) + (7 \times (8! - 9))) &= (9 \times (8! + (7 + ((6 - 5!) \times (4! \times 3)))) + (2 + 1)!) \\
 289078 &:= 1 + ((2 \times (((3!! \times 4!)/5) - 6)) + (7 \times (8! - 9))) &= 9 + 8! + (7 - (6 \times ((5 - 4!)^3 \times (2 + 1)))) \\
 289079 &:= ((1 + ((2 + (3!! + 4)) \times 56)) \times 7) + 8!/9 &= ((9 - (8 - 7)))! + (((6! - (5 + 4!)) \times 3!!/2) - 1) \\
 289080 &:= (1 \times 2 + 3!) \times (4! + (5! + (6! - (7! - 8! + 9)))) &= (9 \times (8 + ((7! + (6^5))/4))) \times (3^2 + 1) \\
 289081 &:= (1 - (((2 - 3!)! \times 4!) - 5!)) + (6 \times ((7! - 8) \times 9)) &= 9 + 8! - 7 + (((6! - (5 + 4!)) \times 3!!/2) - 1) \\
 289082 &:= 1 - (((2 - 3) - (4 \times 5!)) \times (6! - (7 \times (8 + 9)))) &= ((9 + 8! \times 7) - 6) - (((5 - 4!) \times 3!!/2) + 1) \\
 289083 &:= 1 \times (((2 \times 3!! \times 4!)/5) - (6 - (7 \times (8! - 9)))) &= 9 + 8! - 7 + (((6! - (5 + 4!)) \times 3!!/2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 289084 &:= ((1 + ((2 \times 3!! \times 4!)/5)) - 6) + (7 \times (8! - 9)) &= ((9 + 8! \times 7) - 6) - (((5 - 4!) \times 3!!/2) - 1) \\
 289085 &:= (((1 + 2) + 3!!) \times 4!) + 5) + (6 \times ((7! - 8) \times 9)) &= (9 + 8! \times 7) - (((6 + ((5 - 4!) \times 3!!)/2) + 1) \\
 289086 &:= (1 + 2) \times (((3 + 4)^5) \times 6) - (7! \times 8/9)) &= (9 + 8! \times 7) - ((6 + ((5 - 4!) \times 3!!)/2 \times 1) \\
 289087 &:= (((12^3) \times 4) - (56 - (7 \times 8!))) - 9 &= (9 + 8! \times 7) - (((6 + ((5 - 4!) \times 3!!)/2) - 1) \\
 289088 &:= 1 \times (2^{3!} \times (((4 \times (5 + 6)) - 7) + 8!/9)) &= (((9 + 8!) \times 7) - 6) - (5! - (((4^3)/2) - 1)) \\
 289089 &:= (1 - 2^{3!}) - ((4^5 - 6! \times 7) \times 8 \times 9) &= (((9 + 8!) \times 7) - 6) - (5! - (((4^3)/2 \times 1)) \\
 289090 &:= (1 - (2 \times ((3!!/4) - (5 \times 6!)))) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) - 6) - (5! - (((4^3)/2) + 1)) \\
 289091 &:= -1 - (2 - (((3 \times 4)^5) - (67 - 8! - 9))) &= (9 + 8! \times 7) - (((6! \times (5 - 4!)) - 3!)/2) + 1) \\
 289092 &:= (1 + 2)!! - (3 - ((4^5 \times 6) + 7 \times 8! - 9)) &= (9 + 8! \times 7) - (((6! \times (5 - 4!)) - 3!)/2 \times 1) \\
 289093 &:= 1 - (2 - (((3 \times 4)^5) - (67 - 8! - 9))) &= (9 + 8! \times 7) - (((6! \times (5 - 4!)) - 3!)/2) - 1) \\
 289094 &:= 1 - (2 - (((3 \times 4)^5) - ((6 - 7!) \times 8 + 9))) &= (9 + 8! \times 7) - (6 + (((5! - 4!^3)/2) + 1)) \\
 289095 &:= ((1 + 2)!! - ((3 - 4^5) \times 6)) + (7 \times 8! + 9) &= (9 + (8! + 7)) + (((6! - (5 + 4!)) \times 3!!/2) - 1) \\
 289096 &:= 1 - ((2^{3!} \times (4! - 5!)) - (6! + 7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) - (((5! - 4!^3)/2) - 1) \\
 289097 &:= (1 \times 2 + 3!!) + ((4^5 \times 6) + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6!) + (((5 + 4!) \times 3)^2) - 1) \\
 289098 &:= 1 + ((2 + ((3 \times 4)^5)) - ((6 - 7!) \times 8 + 9)) &= (9 + 8! \times 7) - (6! - (((5 + 4!) \times 3)^2 \times 1)) \\
 289099 &:= ((1 - ((2 - 3!!) \times (4! - 5))) + 6^7) - 8!/9 &= 9 + (((8! \times 7) - 6!) + (((5 + 4!) \times 3)^2) + 1) \\
 289100 &:= 1 - (2 - (((3 \times 4)^5) - (6 \times 7 - 8! + 9))) &= (((9 + 8!) \times 7) + 6) - (5! - (((4^3)/2) - 1)) \\
 289101 &:= ((1 \times 2 + 3!!) \times 4!) + ((5 + (6 \times (7! - 8))) \times 9) &= (((9 + 8!) \times 7) + 6) - (5! - (((4^3)/2 \times 1)) \\
 289102 &:= (1 + ((2 + 3!!) \times 4!)) + ((5 + (6 \times (7! - 8))) \times 9) &= (((9 + 8!) \times 7) + 6) - (5! - (((4^3)/2) + 1)) \\
 289103 &:= (((1 \times 2 + 3!)! + (4 \times 5!))/6) + (7 \times (8! + 9)) &= (9 + 8! \times 7) + (((6 - 5!) + (4!^3))/2) - 1) \\
 289104 &:= (1 + (((2 + 3!)! + (4 \times 5!))/6)) + (7 \times (8! + 9)) &= 9 + 8! - (((7 - 6^5 \times 4) \times (3! + 2)) + 1) \\
 289105 &:= (1 - 2 \times 34) \times (5 - (6 \times (((7 + 8) - 9)!)) &= (9 + 8! \times 7) + (((6 - 5!) + (4!^3))/2) + 1) \\
 289106 &:= 1 \times (((2 + 3)^4) \times (5 + 6)) + 7 \times 8! - 9) &= (9 + 8! \times 7) + (6 - (((5! - 4!^3)/2) + 1)) \\
 289107 &:= ((1 + (2 \times (3 + 4!))) \times (5! + 6)) + (7 \times (8! - 9)) &= (9 + 8! \times 7 + 6) - ((5! - 4!^3)/2 \times 1) \\
 289108 &:= (1 + (2 \times ((3 + 4!) \times (5! + 6)))) + (7 \times (8! + 9)) &= ((9 \times ((8 + (7! \times 6)) + (5^4 \times 3))) + 2) - 1) \\
 289109 &:= (((12^3) \times 4) + 5!/6) + (7 \times (8! - 9)) &= ((9 \times ((8 + (7! \times 6)) + (5^4 \times 3))) + 2) \times 1) \\
 289110 &:= 1 \times (((2 + 3!!) - (4 - 5!)) \times ((6 \times 7 \times 8) + 9)) &= ((9 \times ((8 + (7! \times 6)) + (5^4 \times 3))) + 2) + 1) \\
 289111 &:= 1 + (((2 + 3!!) - (4 - 5!)) \times ((6 \times 7 \times 8) + 9)) &= (9 + (8 \times ((7! + (6^5 \times 4) - 3!))) - 2 \times 1) \\
 289112 &:= 1 \times ((2 + 3!) \times (((4 + 5! - 6!) \times 7) + 8! - 9)) &= ((9 + 8!) \times 7) - ((6 - (5^4)) \times ((3! \times 2) - 1)) \\
 289113 &:= 1 + ((2 + 3!) \times (((4 + 5! - 6!) \times 7) + 8! - 9)) &= 9 + 8! + (((7! + 6!)/5!) \times (((4! \times 3)^2) - 1)) \\
 289114 &:= 1 - ((2^{3!} \times (4! - 5!)) - (6! + (7 \times 8! + 9))) &= (9 + ((8 \times ((7! + (6^5 \times 4) - 3!)) + 2)) - 1) \\
 289115 &:= (1 \times 2 + 3!!) + ((4^5 \times 6) + (7 \times 8! + 9)) &= (9 + ((8 \times ((7! + (6^5 \times 4) - 3!)) + 2)) \times 1) \\
 289116 &:= 1 + ((2 + ((3 \times 4)^5)) - (((6 - 7!) \times 8) - 9)) &= (9 + ((8 \times ((7! + (6^5 \times 4) - 3!)) + 2)) + 1) \\
 289117 &:= (((1 + ((2 + 3)^4)) \times (5 + 6)) + 7 \times 8!) - 9 &= ((9 \times (8! + ((7! - (6^5 - 4)) \times 3))) + 2) - 1) \\
 289118 &:= 1 - (2 - (((3 \times 4)^5) - (6 \times 7 - 8! - 9))) &= ((9 \times (8! + ((7! - (6^5 - 4)) \times 3))) + 2) \times 1) \\
 289119 &:= ((1 + 2)! + 3!!) + ((4^5 \times 6) + (7 \times 8! + 9)) &= ((9 \times (8! + ((7! - (6^5 - 4)) \times 3))) + 2) + 1) \\
 289120 &:= 1 \times (2 \times (3!! - ((4! + 5) \times ((6! - (7! + 8!))/9)))) &= 9 + ((8 \times ((7! + (6^5 \times 4) - (3 + 2))) - 1) \\
 289121 &:= (1 + ((2 + (3^4 \times 5)) \times 6!)) + ((7! - 8!)/9) &= (((9 - 8)^7!) + 6!) \times (((5 \times 4!)/3!)^2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 289122 &:= (((1+2)^{3!}) + (4^5 \times 6)) + (7 \times 8! + 9) &= (((9 + ((8! \times 7)/6!)) \times ((5-4) + 3!)) + 2) - 1 \\
 289123 &:= (((12^3) \times 4) - (5!/6 - (7 \times 8!))) - 9 &= 9 \times 8 + ((7 - (6! + 5!)) \times (((4! - 3!)/2) + 1)) \\
 289124 &:= 1 \times (((2+3)^4) \times (5+6)) + (7 \times 8! + 9)) &= (9 + (8 \times (7! + (6^5 \times 4)))) - (3!^2 + 1) \\
 289125 &:= (((1+2) + 3!) \times 4!) + ((5 + (6 \times (7! - 8))) \times 9) &= ((9 + 8! \times 7) + (6^5)) - ((4! + 3!)^2 \times 1) \\
 289126 &:= (((1+2) \times ((3! - 4) \times 5!)) + 6) + (7 \times 8!/9) &= (9 + (8 \times (7! + (6^5 \times 4)))) - (3!^2 - 1) \\
 289127 &:= 1 - (2 - (3! \times 4! + (5! + (6 \times ((7! - 8) \times 9)))) &= ((9 + ((8! \times 7)/6!)) \times ((5-4) + 3!)) + (2 + 1)! \\
 289128 &:= 1 \times 2 \times (3 \times ((4 \times (5+6!)) + ((7! - 8) \times 9))) &= (9 + (8 \times (7! + (6^5 \times 4)))) - (32 + 1) \\
 289129 &:= (1 - ((2 - 3! \times 4!) \times 5!)) + ((6 \times 7! - 8) \times 9) &= (9 + ((8 + (7! + 6!)) \times (5 \times (4 + 3!)))) + ((2 + 1)! \\
 289130 &:= (1 \times 2 + (3! \times 4! + 5!)) + (6 \times ((7! - 8) \times 9)) &= (((9 + 8!) \times 7) + 6) - ((5 - 4!) \times (3!/2 - 1)) \\
 289131 &:= 1 \times ((2 \times ((3! - 4!) \times 5)) - (6 - (7 \times (8! - 9)))) &= (9 \times (8 + (7! \times 6))) + (((5! + (4 + 3!))^2) - 1) \\
 289132 &:= (1 + (2 \times ((3! - 4!) \times 5))) - (6 - (7 \times (8! - 9))) &= (9 + 8! \times 7) - ((6 \times 5) - (((4!^3)/2) + 1)) \\
 289133 &:= (((1+2) + ((3 \times 4)^5)) - 6) - (7 - 8! + 9) &= (9 \times (8 + (7! \times 6))) + (((5! + (4 + 3!))^2) + 1) \\
 289134 &:= ((1+2)! + (3! \times 4! + 5!)) + (6 \times ((7! - 8) \times 9)) &= ((9 + (8! + 7!)) \times 6) + (5! \times ((4! \times 3!) - 2 - 1)) \\
 289135 &:= (((1 + ((2+3)^4)) \times (5+6)) + 7 \times 8!) + 9 &= 9 + ((8 \times ((7! + (6^5 \times 4)) - 3)) - (2 \times 1)) \\
 289136 &:= ((1 + (2 \times (3! - 4!))) \times 5) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6) - (((5 - 4!) \times 3!/2) + 1) \\
 289137 &:= ((1 \times 2^{3!}) \times 4! \times 5) - (6! - (7 \times (8! - 9))) &= ((9 + 8! \times 7) + (6^5)) - (4! \times (3!^2 + 1)) \\
 289138 &:= 1 \times (((2 + (3! \times (4! - 5))) + 6^7) - 8!/9) &= (((9 + 8!) \times 7) - 6) - (((5 - 4!) \times 3!/2) - 1) \\
 289139 &:= 1 + (((2 + (3! \times (4! - 5))) + 6^7) - 8!/9) &= ((9 + 8!) \times 7) - (((6 + ((5 - 4!) \times 3!))/2) + 1) \\
 289140 &:= 1 + ((2 + ((3 \times 4)^5)) - (6 - 7! \times 8 + 9)) &= ((9 + 8!) \times 7) - ((6 + ((5 - 4!) \times 3!))/2 \times 1) \\
 289141 &:= 1 - 2 \times 3! - ((4^5 - 6! \times 7) \times 8 \times 9) &= (9 \times (8! - 7!)) - (6! + (((5 + (4!^3)) \times 2) + 1)) \\
 289142 &:= ((1 + 2^{3!} \times 4!) \times 5) - (6! - (7 \times (8! - 9))) &= ((9 + 8!) \times 7) - (((6! - ((5 \times 4) \times 3!))/2) + 1) \\
 289143 &:= 1 - (2 - (((3 \times 4)^5) - ((6 - 7) - 8! + 9))) &= (9 \times (8! - 7!)) - ((6! + ((5 + (4!^3)) \times 2)) - 1) \\
 289144 &:= (1 + ((2 \times ((3! - 4!) \times 5)) + 6)) + (7 \times (8! - 9)) &= 9 + ((8 \times ((7! + (6^5 \times (4!/3!))) - 2)) - 1) \\
 289145 &:= (1 \times 2 + ((3 \times 4)^5)) - ((6 - 7) \times (8! - 9)) &= ((9 + 8!) \times 7) - (((6! \times (5 - 4!)) - 3!)/2) + 1) \\
 289146 &:= ((1 \times 2 + ((3 \times 4)^5)) - 6) + (7 + 8! - 9) &= (9 \times (8! - 7!)) - 6! - (5 + (4!^3 \times 2 + 1)) \\
 289147 &:= (1 - ((2 - 3! \times 4!) \times 5!)) + (6 \times (7! + 8! - 9)) &= ((9 + 8!) \times 7) - (((6! \times (5 - 4!)) - 3!)/2) - 1) \\
 289148 &:= ((1 + (2 \times (3! - 4!))) \times 5) + (6 + (7 \times (8! - 9))) &= (9 \times (8! - 7!)) - 6! - ((5 + 4!^3 \times 2) - 1) \\
 289149 &:= ((1 + 2)! + ((3! \times (4^5 + 6)) + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - (5 - (((4!^3)/2) - 1)) \\
 289150 &:= (1 + (((2 \times 3! \times 4!)/5) + 6)) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6) - (((5! - 4!^3)/2) - 1) \\
 289151 &:= (1 \times 2 + ((3 \times 4)^5)) + ((6 + 7! \times 8) - 9) &= (9 + (8 \times (7! + (6^5 \times 4)))) - (3^2 + 1) \\
 289152 &:= (1 \times 2^{3!}) \times (4! + ((5! + (6 + 7! \times 8))/9)) &= 9 - (8 - (((7! + (6^5 \times 4)) \times (3! + 2)) - 1)) \\
 289153 &:= (1 + (2^{3!} \times (4! + 5!))) - (6^7 \times (8 - 9)) &= (9 \times (8! - 7!)) - (((6 \times 5!) + 4!^3 \times 2) - 1) \\
 289154 &:= (1 - ((2 - 3!) \times (4^5 + 6!))) + (7 \times (8! - 9)) &= 9 + 8! + (((((7! + (6!/5)) \times 4!) - 3) \times 2) - 1) \\
 289155 &:= (1 \times 2 \times (((3! \times 4!)/5) + 6)) + (7 \times 8! - 9) &= ((9 + (8! \times 7!/6!)) - 5) + (((4!^3)/2) - 1) \\
 289156 &:= (1 + (2 \times (((3! \times 4!)/5) + 6))) + (7 \times 8! - 9) &= (9 \times (8! - 7!)) - 6! + (5 - (4!^3 \times 2 + 1)) \\
 289157 &:= (1 \times 2 + ((3 \times 4)^5)) - (6 - (7! \times 8 + 9)) &= ((9 + (8! \times 7!/6!)) - 5) + (((4!^3)/2) + 1) \\
 289158 &:= (1 \times 2 + (((3 \times 4)^5) + 6)) + (7 + 8! - 9) &= (9 \times (8! - 7!)) - 6! + (5 - (4!^3 \times 2 - 1)) \\
 289159 &:= (1 + 2 \times 3!) \times ((4! + 5) \times (6! + ((7 \times 8) - 9))) &= ((9 + 8! \times 7) - 6) + ((5 + ((4!^3)/2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 289160 &:= 1 \times 2 + 3! - ((4^5 - 6! \times 7) \times 8 \times 9) &= ((9 + 8!) \times 7) + (6 - (((5! - 4!^3)/2) + 1)) \\
 289161 &:= ((1 + (2 \times (3 + 4!))) \times (5! + 6)) + (7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) + (5 + (((4!^3)/2) + 1)) \\
 289162 &:= (1 \times 2 + (((3 \times 4)^5) + 6)) - (7 - 8! - 9) &= (((9 + 8!) \times 7) + 6) - (((5! - 4!^3)/2) - 1) \\
 289163 &:= (1 \times 2 + ((3 \times 4)^5)) - ((6 - 7) \times (8! + 9)) &= (9 + 8! \times 7 + 6) - (5 - (((4!^3)/2) + 1)) \\
 289164 &:= ((1 \times 2 + ((3 \times 4)^5)) - 6) + (7 + 8! + 9) &= (9 + 8! \times 7) + (((6!/5!) + (4!^3))/2 \times 1) \\
 289165 &:= 1 + 2 \times 3! - ((4^5 - 6! \times 7) \times 8 \times 9) &= (9 + ((8! \times 7!/6!) + 5)) + (((4!^3)/2) - 1) \\
 289166 &:= ((1 + 2)! + (((3 \times 4)^5) + 6)) - (7 - 8! - 9) &= (9 + (8! \times 7 + (6!/5!))) + (((4!^3)/2) - 1) \\
 289167 &:= (((1 + 2)!! - 3!) \times 4!) - 5! + ((6 \times (7! + 8!)) - 9) &= (9 + ((8! \times 7!/6!) + 5)) + (((4!^3)/2) + 1) \\
 289168 &:= (1 + (((2 \times 3!! \times 4!)/5) + 6)) + (7 \times 8! + 9) &= (9 + 8! \times 7) + ((6!/5!) + (((4!^3)/2) + 1)) \\
 289169 &:= (1 \times 2 + 3!!) + ((4^5 \times 6) + (7 \times (8! + 9))) &= (9 + (8! + 7)) - ((6^5 \times (4 - 3!^2)) - 1) \\
 289170 &:= ((1 + 2)^3) \times (4! + (((5! \times (6! - 7))/8) - 9)) &= (9 \times (8 + (7 \times (6 + (5! + 4)))) \times (3!^2 - 1) \\
 289171 &:= (-1 \times 2) + (3 + (((45 + 6) \times 7!)/8) \times 9) &= (9 + (8 \times (7! + (6^5 \times 4)))) + 3^2 + 1 \\
 289172 &:= (((1 + 2)! \times 3!!) - 4) \times ((5 \times (6 - 7)) + 8 \times 9) &= 9 + 8! + (((((7! + (6!/5)) \times 4!) + 3!) \times 2) - 1) \\
 289173 &:= (1 \times 2 \times (((3!! \times 4!)/5) + 6)) + (7 \times 8! + 9) &= (9 + 8! \times 7 + 6) + (5 + (((4!^3)/2) + 1)) \\
 289174 &:= (1 + (2 \times (((3!! \times 4!)/5) + 6))) + (7 \times 8! + 9) &= 9 + 8! + (((((7! + (6!/5)) \times 4!) + 3!) \times 2) + 1) \\
 289175 &:= ((1 + ((2 + 3!!) \times (4! - 5))) + 6^7) - 8!/9 &= (9 + 8! \times 7) + (((6 \times 5) + (4!^3))/2) - 1) \\
 289176 &:= ((1 \times 2 + 3!!) \times 4!) + (5! + (6 \times ((7! - 8) \times 9))) &= (9 + 8! \times 7) + (((6 \times 5) + (4!^3))/2 \times 1) \\
 289177 &:= (1 + (((2 + 3!!) \times 4!) + 5!)) + (6 \times ((7! - 8) \times 9)) &= (9 + 8! \times 7) + (((6 \times 5) + (4!^3))/2) + 1) \\
 289178 &:= 1 \times (2 + (3! + (((45 + 6) \times 7!)/8) \times 9)) &= (((9 + 8!) \times 7) + (6^5)) - (((4! + 3!)^2) + 1) \\
 289179 &:= ((1 + (2 \times (3 + 4!))) \times (5! + 6)) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + (6^5)) - ((4! + 3!)^2 \times 1) \\
 289180 &:= ((1 + 2)! + (((3 \times 4)^5) + 6)) + (7 + 8! + 9) &= (((9 + 8!) \times 7) + (6^5)) - (((4! + 3!)^2) - 1) \\
 289181 &:= 1 + (2 \times (((3 + 4) \times (5^6 + 7! - 8)) - 9)) &= 9 - ((8 \times 7 + (6 + 5)) \times (4 - (3! \times (2 + 1)!))) \\
 289182 &:= (1 + 2) \times (((3!! + 4) \times 5!) - (6 - (7! + 8!/9))) &= (9 + (8 \times (7! + ((6^5 \times 4) + 3)))) - (2 + 1) \\
 289183 &:= 1 + 2 \times 3! + (((45 + 6) \times 7!)/8) \times 9 &= (9 + (8 \times (7! + ((6^5 \times 4) + 3)))) - 2 \times 1 \\
 289184 &:= 1 - (2 - (((3 \times 4)^5) + ((6 \times 7 + 8!) - 9))) &= ((9 + 8!) \times 7) + (6 + ((5^4) \times ((3! \times 2) - 1))) \\
 289185 &:= (1 - (((2 + 3!! + 4!) \times 5) + 6!)) \times (7 - 8 \times 9) &= 9 - (8 \times ((7 \times (6! - (5! + 4))) - ((3! + 2)! - 1))) \\
 289186 &:= (1 + (2 \times ((3!! - 4!) \times 5))) - (6 - (7 \times 8! - 9)) &= (9 + (8 \times (7! + (6^5 \times 4)))) + ((3! - 2)! + 1) \\
 289187 &:= 1 \times (2 + (((3 \times 4)^5) + ((6 \times 7 + 8!) - 9))) &= ((9 + ((8!/7!) \times 6^5)) \times 4) + ((3! + 2)! - 1) \\
 289188 &:= 1 + (2 + (((3 \times 4)^5) + ((6 \times 7 + 8!) - 9))) &= ((9 + ((8!/7!) \times 6^5)) \times 4) + (3! + 2 \times 1!) \\
 289189 &:= ((1 + ((2 + 3)^4)) \times (5 + 6)) + (7 \times (8! + 9)) &= ((9 + ((8!/7!) \times 6^5)) \times 4) + ((3! + 2)! + 1) \\
 289190 &:= ((1 + (2 \times (3!! - 4!))) \times 5) - (6 - (7 \times 8! - 9)) &= (9 + 8! \times 7) + (((6 \times 5) + ((4!^3)/2)) - 1) \\
 289191 &:= ((1 \times 2^{3!}) \times 4! \times 5) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6^5)) - (4! \times (3!^2 + 1)) \\
 289192 &:= (1 - ((2 - 3! \times 4!) \times 5!)) + ((6 \times (7! + 8!)) - 9) &= 9 - ((8 \times ((7 \times (6! - (5! + 4))) - (3! + 2)!)) + 1) \\
 289193 &:= (1 \times 2 + (((3 \times 4)^5) + ((6 + 7!) \times 8))) - 9 &= (((9 + 8!) \times 7) + (((6 + 5!) - 43)^2)) + 1 \\
 289194 &:= ((1 + 2) + ((3 \times 4)^5)) + (((6 + 7!) \times 8) - 9) &= ((9 \times (8! + ((7 + ((6 - 5!) \times 4!)) \times 3))) - 2) - 1 \\
 289195 &:= (((12^3) \times 4) - (5!/6)) + (7 \times (8! + 9)) &= ((9 \times (8! + ((7 + ((6 - 5!) \times 4!)) \times 3))) - 2) \times 1 \\
 289196 &:= ((1 + 2^{3!} \times 4!) \times 5) - (6! - (7 \times 8! - 9)) &= ((9 \times (8! + ((7 + ((6 - 5!) \times 4!)) \times 3))) - 2) + 1 \\
 289197 &:= (1 - 2) \times (((3 \times ((4! \times (5! - 6)) - 7)) - 8!) \times 9) &= (9 + 8! \times 7) - ((6 + (5 \times (4! - 3!))) \times 2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 289198 &:= (1 + ((2 \times ((3!! - 4!) \times 5)) + 6)) + (7 \times 8! - 9) &= (9 + (8 \times (7! + (6^5 \times 4)))) + 3!^2 + 1 \\
 289199 &:= 1 \times 2 - (((3 \times ((4! \times (5! - 6)) - 7)) - 8!) \times 9) &= ((9 + 8!) \times 7) - (((6 \times 5) - 4!^3)/2) + 1 \\
 289200 &:= (((1 + 2) + 3!!) \times 4!) + 5! + (6 \times ((7! - 8) \times 9)) &= (((9 \times (8 + 7!)) + (6! + 5!))/4) \times ((3! - 2)! + 1) \\
 289201 &:= (1 - (((2 - 3!!) \times 4!) + 5!)) + ((6 \times 7! - 8) \times 9) &= 9 - (8 \times ((7 \times (6! - (5! + 4))) - ((3! + 2)! + 1))) \\
 289202 &:= ((1 + (2 \times (3!! - 4!))) \times 5) + ((6 + 7 \times 8!) - 9) &= ((9 + 8!) \times 7) + (((6!/5 \times 4!) - 3!) \times 2) - 1 \\
 289203 &:= (1 + 2)! - (((3 \times ((4! \times (5! - 6)) - 7)) - 8!) \times 9) &= (((9 + 8!) \times 7) - 6) - (5 - (((4!^3)/2) - 1)) \\
 289204 &:= (1 + ((2 \times ((3!! - 4!) \times 5) + 6)) + 7 \times 8!) - 9 &= ((9 + 8!) \times 7) + (((6!/5 \times 4!) - 3!) \times 2) + 1 \\
 289205 &:= 1 \times (2 + (((3 \times 4)^5) + (6 \times 7 + 8! + 9))) &= (((9 + 8!) \times 7) - 6) - (5 - (((4!^3)/2) + 1)) \\
 289206 &:= 1 + (2 + (((3 \times 4)^5) + (6 \times 7 + 8! + 9))) &= ((9 + (8 \times ((7! \times 6/5) - 4!))) \times 3) \times 2 \times 1 \\
 289207 &:= 1 \times ((2 \times (3 + 4)) \times (5^6 + 7! - 8)) + 9 &= ((9 + 8! \times 7) - 6!) + ((5! \times (4^3)) - (2 \times 1)) \\
 289208 &:= (1 - ((2 - 3!) \times (4^5 + 6!))) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) + (((6!/5 \times 4!) - 3) \times 2) - 1 \\
 289209 &:= ((1 \times 2^{3!}) \times 4! \times 5) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7!/6!) - 5) + ((4!^3)/2) - 1 \\
 289210 &:= (1 - ((2 - 3! \times 4!) \times 5!)) + ((6 \times (7! + 8!)) + 9) &= (((9 + 8!) \times 7!/6!) - 5) + ((4!^3)/2) \times 1 \\
 289211 &:= 1 \times (2 + (((3 \times 4)^5) + (((6 + 7!) \times 8) + 9))) &= (((9 + 8!) \times 7!/6!) - 5) + ((4!^3)/2) + 1 \\
 289212 &:= 1 + (2 + (((3 \times 4)^5) + (((6 + 7!) \times 8) + 9))) &= ((9 + 8!) \times 7) - (((6!/5!) - 4!^3)/2) \times 1 \\
 289213 &:= 1 + (2 + (((3 \times 4)^5) + ((67 + 8!) - 9))) &= ((9 + 8!) \times 7) - 6 + ((5 + ((4!^3)/2)) - 1) \\
 289214 &:= ((1 + 2^{3!} \times 4!) \times 5) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) + (((5! + (4!^3))/2) - 1) \\
 289215 &:= (((1 + 2!)! \times (3! + 4!)) - ((5^6 - (7! + 8!)) \times 9) &= ((9 + 8!) \times 7) - 6 + (5 + (((4!^3)/2) + 1)) \\
 289216 &:= (1 + ((2 \times ((3!! - 4!) \times 5)) + 6)) + (7 \times 8! + 9) &= (9 + 8! \times 7) - (6 - (((5! + (4!^3))/2) + 1)) \\
 289217 &:= (1 + (((2^{3!} - 4!) \times 5!) + 6^7)) + 8!/9 &= (((9 + 8!) \times 7) + 6) - (5 - (((4!^3)/2) + 1)) \\
 289218 &:= (1 - (2^{3!} \times (4 - (5! - 6)))) + (7 \times (8! - 9)) &= 9 + 8! + (((7 + (6^5 \times 4)) \times (3! + 2)) + 1) \\
 289219 &:= (1 - (((2 - 3!!) \times 4!) + 5!)) + (6 \times (7! + 8! - 9)) &= (9 + 8! \times 7) + (6! + ((5^4) \times (3^2 + 1))) \\
 289220 &:= ((1 - 2 \times 3!! + 4!) \times (5!/6)) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7!/6!) + 5) + ((4!^3)/2) \times 1 \\
 289221 &:= (12 + ((3 \times 4)^5)) + (((6 + 7!) \times 8) + 9) &= (((9 + 8!) \times 7!/6!) + 5) + ((4!^3)/2) + 1 \\
 289222 &:= (1 + ((2 \times ((3!! - 4!) \times 5) + 6)) + 7 \times 8!) + 9 &= ((9 + 8!) \times 7) + ((6!/5) + (((4!^3)/2) + 1)) \\
 289223 &:= (((1 \times 23) \times (4^5 - 6!)) + 7 \times 8!) - 9 &= 9 + ((8! \times 7 + (((6 + 5!) + (4!^3))/2)) - 1) \\
 289224 &:= (1 \times 2 + 3!) \times (4! + (5! + (6! - (7! - 8! - 9)))) &= (9 + (((8 + 7!) + (6^5 \times 4)) \times (3! + 2))) - 1 \\
 289225 &:= (1 - ((2 \times 3!)^4)) - ((5! + (6! + 7! - 8!)) \times 9) &= (((9 + 8!) \times 7) + 6) + ((5 + ((4!^3)/2)) - 1) \\
 289226 &:= (1 - ((2 - 3!) \times (4^5 + 6!))) + (7 \times 8! + 9) &= (9 + 8! \times 7 + 6) + (((5! + (4!^3))/2) - 1) \\
 289227 &:= 1 \times ((2 \times (((3!! \times 4!)/5) + 6)) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) + (5 + (((4!^3)/2) + 1)) \\
 289228 &:= (1 + (2 \times (((3!! \times 4!)/5) + 6))) + (7 \times (8! + 9)) &= (9 + 8! \times 7) + (6 + (((5! + (4!^3))/2) + 1)) \\
 289229 &:= (((1 + 2)!! - 3!) \times 4!) + 5 + ((6 \times 7! - 8) \times 9) &= ((9 + 8 \times 7) + (6^5)) - 4! \times (3!^2 + 1) \\
 289230 &:= 1 \times 2 \times (((3!! \times 4! + ((5! - 6) \times 7)) \times 8) - 9) &= ((9 + 8!) \times 7) + (((6 \times 5) + (4!^3))/2 \times 1) \\
 289231 &:= ((1 + ((2 + 3)! + 4)) \times 56) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) + (((6 \times 5) + (4!^3))/2) + 1 \\
 289232 &:= 1 - (2 - ((3 + 4) \times (((5! + (6 + 7!)) \times 8) - 9))) &= 9 + ((8! \times 7 + ((6!/5 + (4!^3))/2)) - 1) \\
 289233 &:= ((1 + (2 \times (3 + 4!))) \times (5! + 6)) + (7 \times (8! + 9)) &= ((9 + 8! \times 7) + (6^5/4)) + ((3! + (2 - 1)))! \\
 289234 &:= (1 + (((2 - (3 - 4)))!^5)) - (6! - (7 \times (8! - 9))) &= 9 + (8! \times 7 + (((6!/5 + (4!^3))/2) + 1)) \\
 289235 &:= (1 \times 2 + ((3!^4 - 5!) \times 6)) + (7 \times (8! - 9)) &= -9 + ((8765 \times (4! + 3^2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 289236 &:= 1 \times (2 \times (3!! - ((4! + 5) \times (6 - (7! - 8 \times 9)))))) &= ((9 \times ((8!/7) - 6)) + (5 \times (4 - 3!))) \times (2 + 1)! \\
 289237 &:= 1 - (2 \times (((3!! + 4) - 5^6) \times 7) - 8! + 9) &= (((9 + 8) \times ((7 \times 6) + 5)) \times ((4 + 3!)/2)) - 1 \\
 289238 &:= (1 \times 2 + 3 \times 4! \times 5) \times (6! + (7 + 8 \times 9)) &= (((9 + 8) \times ((7 \times 6) + 5)) \times ((4 + 3!)/2)) \times 1 \\
 289239 &:= 1 \times ((2 \times ((3!! \times 4! + ((5! - 6) \times 7)) \times 8)) - 9) &= (((9 + 8) \times ((7 \times 6) + 5)) \times ((4 + 3!)/2)) + 1 \\
 289240 &:= 1 + ((2 \times ((3!! \times 4! + ((5! - 6) \times 7)) \times 8)) - 9) &= 9 + ((8! \times 7) - (((6! - 5!) - 4^{3!}) \times 2) + 1) \\
 289241 &:= (((1 \times 23)^4) - (5! - 6! \times 7)) + 8!/9 &= ((9 + 8! \times 7) - (((6! - 5!) - 4^{3!}) \times 2)) \times 1 \\
 289242 &:= ((1 + (23^4)) - (5! - 6! \times 7)) + 8!/9 &= ((9 + 8! \times 7) - (((6! - 5!) - 4^{3!}) \times 2)) + 1 \\
 289243 &:= -1 + (2 + (((3!! + 45) \times 6 \times 7) + 8) \times 9) &= (-9 \times (((8 - 7!) - (6^5/4!)) \times 3!) - 2) + 1 \\
 289244 &:= 1 \times (2 + (((3!! + 45) \times 6 \times 7) + 8) \times 9) &= ((9 + 8!) \times 7) + (((6 \times 5) + ((4!^3)/2)) - 1) \\
 289245 &:= 1 \times (((2 + 3!^4) - 5!) \times 6) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) + ((6 \times 5) + ((4!^3)/2 \times 1)) \\
 289246 &:= 1 - ((2 \times (((3!! + 4) - 5^6) \times 7) - 8!) + 9) &= ((9 + 8!) \times 7) + ((6 \times 5) + (((4!^3)/2) + 1)) \\
 289247 &:= ((1 + (2 \times (3!! \times 4! + ((5! - 6) \times 7)))) \times 8) - 9 &= (9 + (8 \times ((7 \times 6!) + (5! + 4)))) \times (3! + (2 - 1)) \\
 289248 &:= ((1 \times 2 + 3! \times 4!) \times 5!) + (6 \times ((7! - 8) \times 9)) &= ((9 \times (8 \times (7 \times 6))) + 5!) \times (4 \times ((3! - 2)! - 1)) \\
 289249 &:= (1 + ((2 + 3! \times 4!) \times 5!)) + (6 \times ((7! - 8) \times 9)) &= (9 + 8! \times 7) + ((6! - 5 \times 4) \times (3^2 + 1)) \\
 289250 &:= ((1 \times 2 + 3!! \times 4!) - 5!) + ((6 \times 7! - 8) \times 9) &= ((9 + 8!) \times 7) - (((6 + (5 \times (4! - 3!))) \times 2) + 1) \\
 289251 &:= 1 + (((2 + 3!! + 4!) \times 5) + 6!) \times ((7 \times 8) + 9) &= ((9 + 8!) \times 7) - ((6 + (5 \times (4! - 3!))) \times 2 \times 1) \\
 289252 &:= ((1 + ((2 \times 3!! - 4!) \times 5)) - 6) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - 6) - (5 \times (((4! - 3!) \times 2) + 1)) \\
 289253 &:= (-1 - ((2 - 3! \times 4!) \times 5!)) + (6 \times (7! + 8! + 9)) &= ((9 + (8! + 7!)) \times 6) + ((5! \times ((4! \times 3!) - 2)) - 1) \\
 289254 &:= ((1 + 2)! + (3!! \times 4! - 5!)) + ((6 \times 7! - 8) \times 9) &= ((9 + (8! + 7!)) \times 6) + (5! \times ((4! \times 3!) - (2 \times 1))) \\
 289255 &:= (1 - ((2 - 3! \times 4!) \times 5!)) + (6 \times (7! + 8! + 9)) &= ((9 + (8! + 7!)) \times 6) + ((5! \times ((4! \times 3!) - 2)) + 1) \\
 289256 &:= (((1 + 2 \times 3!! - 4!) \times 5) - 6) + (7 \times (8! - 9)) &= 9 - ((8 \times (((7 \times (6 - 5!)) - (4! \times 3!)) \times 2)) + 1) \\
 289257 &:= ((1 + 2^{3!}) \times 4! \times 5) - (6! - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6) - (5 \times ((4! - 3!) \times 2 \times 1)) \\
 289258 &:= (1 + (2 \times ((3!! - 4!) \times 5))) - (6 - (7 \times (8! + 9))) &= 9 - ((8 \times (((7 \times (6 - 5!)) - (4! \times 3!)) \times 2)) - 1) \\
 289259 &:= (((-1 + 2) + 3!)^4 \times 5!) + (67 \times (8 + 9)) &= (9 + 8! \times 7) + ((6! + (5 - 4!)) \times (3^2 + 1)) \\
 289260 &:= (((1 - (2 + 3!)) \times (4 - 5!)) + 6^7) - 8!/9 &= ((9 + 8!) \times 7) - (6! - ((5! \times (4^3)) - 2 - 1)) \\
 289261 &:= 1 - ((2 \times 3! - ((4 \times (5! \times 67)) - 8)) \times 9) &= (((9 + 8!) \times 7) - 6!) + ((5! \times (4^3)) - (2 \times 1)) \\
 289262 &:= 1 \times (2 \times (((3! + 4)^5) - (6! - (7! + 8! - 9)))) &= (((9 + 8!) \times 7) - 6) - (5 \times (((4! - 3!) \times 2) - 1)) \\
 289263 &:= 1 + (2 \times (((3! + 4)^5) - (6! - (7! + 8! - 9)))) &= (((9 + 8!) \times 7) + 6!) + (5! \times (4 \times (3! \times 2 + 1))) \\
 289264 &:= (1 - (2 \times (((3!! + 4) - 5^6) \times 7) - 8!)) + 9 &= (((9 + 8!) \times 7) + 6) - (5 \times (((4! - 3!) \times 2) + 1)) \\
 289265 &:= ((1 + (2 \times (3!! \times 4! + ((5! - 6) \times 7)))) \times 8) + 9 &= 9 + (8 \times (7! + ((6^5 \times 4) + (3! \times 2 + 1)))) \\
 289266 &:= (1 \times 2 + (3 \times 4!)) \times (5! + (((6 \times 7!)/8) + 9)) &= ((9 + 8!) \times 7) - (6! - ((5! \times (4^3)) + (2 + 1))) \\
 289267 &:= (((((1 + 2)!^{3!}) + 4)/5) + (6^7 + 8)) - 9 &= (((-9 + (8! + 7!)) \times 6) - (5! - ((4! \times 3!) + 2))) - 1 \\
 289268 &:= 1 \times ((2 + 3!! \times 4!) - (5! - (6 \times (7! + 8! - 9)))) &= (((9 + 8!) \times 7) - 6) + (((5! + (4!^3))/2) - 1) \\
 289269 &:= 1 + ((2 + 3!! \times 4!) - (5! - (6 \times (7! + 8! - 9)))) &= (((9 + 8!) \times 7) - 6) + ((5! + (4!^3))/2 \times 1) \\
 289270 &:= (1 + ((2 \times ((3!! - 4!) \times 5)) + 6)) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) - (6 - (((5! + (4!^3))/2) + 1)) \\
 289271 &:= 1 \times ((2 \times (((3! + 4)^5) - (6! - (7! + 8!)))) - 9) &= (9 \times (8! - 7!) - 6!) + (5! - (4!^3 \times 2 + 1)) \\
 289272 &:= 1 + ((2 \times (((3! + 4)^5) - (6! - (7! + 8!)))) - 9) &= (9 \times (8! - 7!) - 6!) + (5! - (4!^3 \times 2 \times 1)) \\
 289273 &:= (1 - ((2 - 3! \times 4!) \times 5!)) + ((6 \times 7! + 8) \times 9) &= ((9 + 8!) \times 7) + (6! + ((5^4) \times (3^2 + 1)))
 \end{aligned}$$

$$\begin{aligned}
 289274 &:= ((1 + (((2 \times 3! \times 4!) + 5!) \times 6!)) - 7) - 8!/9 &= ((9 + 8! \times 7) - 6) + ((5! + ((4^3)/2)) - 1) \\
 289275 &:= ((1 + 2)! \times (3!^4 - 5)) - (6! - (7 \times 8! + 9)) &= (9 + (8 \times (((7 \times 6!)/5) + 4!)) \times (3!^2 - 1) \\
 289276 &:= (1 - ((2 - 3!) \times 4!)) - ((5 - (6 \times 7! - 8)) \times 9) &= ((9 + 8! \times 7) - 6) + (5! + (((4^3)/2) + 1)) \\
 289277 &:= (1 - (2 \times (3! + 4!))) \times (5! - (6! \times 7 - (8 + 9))) &= ((9 + 8!) \times 7) + (((6 + 5!) + (4!^3))/2) - 1) \\
 289278 &:= (((1 + 2)^{3+4}) \times 5!) - (6 \times (7 - 8!/9)) &= ((9 + 8!) \times 7) + (((6 + 5!) + (4!^3))/2 \times 1) \\
 289279 &:= ((1 + 2)!)! + (((3 \times (4! \times 5!)) + 6^7) - (8 + 9)) &= (((9 + 8! \times 7) + (6^5)) - (4! + 3!)) - 2 \times 1 \\
 289280 &:= (1 - ((2 - 3!) \times (4^5 + 6!))) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + 6) + (((5! + (4!^3))/2) - 1) \\
 289281 &:= (1 + ((2 + 3^4) \times (5 \times 6!))) - (7! + 8!/9) &= (((9 + 8!) \times 7) + 6) + ((5! + (4!^3))/2 \times 1) \\
 289282 &:= (1 - (((2 - 3!) \times 4!) + 5!)) + ((6 \times (7! + 8!)) + 9) &= ((9 + 8!) \times 7) + (6 + (((5! + (4!^3))/2) + 1)) \\
 289283 &:= 1 + ((2 + ((3! + 45) \times (6! + 7!))) - 8!/9) &= (((9 + 8! \times 7) + (6^5)) - (4! + 3!)) + (2 \times 1) \\
 289284 &:= (1 + 2)! \times (3!! \times 4 - (((5 - 6!) \times 7) - 8! - 9)) &= (((9 + 8! \times 7) + (6^5)) - (4! + 3!)) + (2 + 1) \\
 289285 &:= (((((1 + 2)!^{3!}) + 4)/5) + (6^7 + 8)) + 9 &= (9 - (8 \times 7)) \times (6! - ((5^4) \times ((3! \times 2) - 1))) \\
 289286 &:= 1 + ((2 \times (((3 + 4) \times (5^6 + 7!)) - 8)) - 9) &= ((9 + 8!) \times 7) + (((6!/5 + (4!^3))/2) - 1) \\
 289287 &:= ((1 + 2)!)! + ((3! \times ((4! \times (5! - 6)) + (7! + 8!))) - 9) &= (9 + 8! \times 7 + 6) + (5! + ((4!^3)/2 \times 1)) \\
 289288 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times 6! + 7)) - 8!/9 &= ((9 + 8!) \times 7) + (((6!/5 + (4!^3))/2) + 1) \\
 289289 &:= (1 \times 2 + ((3!^4 - 5!) \times 6)) + (7 \times 8! - 9) &= (((9 + 8) + 7!) + (6^5 \times 4)) \times (3! + 2) + 1 \\
 289290 &:= (1 - (2^{3!} \times (4 - (5! - 6)))) + (7 \times 8! + 9) &= (((9 + 8) \times 7) + (6^5 + (4!/3!))) \times (2 + 1)! \\
 289291 &:= (((12 + 3!) \times 4!) - 5) + (6 \times ((7! - 8) \times 9)) &= 9 - ((8 - ((7^6) + ((5!/4)^3))) \times 2 \times 1) \\
 289292 &:= (((1 + 2)!! - 3!) \times 4!) + 5) + ((6 \times (7! + 8!)) - 9) &= 9 - (((8 - ((7^6) + ((5!/4)^3))) \times 2) - 1) \\
 289293 &:= ((1 + 2)! \times (3!^4 - 5!)) + ((6 + 7 \times 8!) - 9) &= 9 + ((8! \times 7 + (6^5)) - ((4 \times 3) + (2 + 1)!)) \\
 289294 &:= (1 - ((2 - (3!^4 - 5!)) \times 6)) + (7 \times 8! + 9) &= ((9 + 8!) \times 7) - (((6! - 5!) - 4^{3!}) \times 2) + 1) \\
 289295 &:= (1 + (((2 + 3!)! + 4^5) - 6) \times 7) - 8 \times 9 &= ((9 + 8!) \times 7) - (((6! - 5!) - 4^{3!}) \times 2 \times 1) \\
 289296 &:= (((1 \times 2 + 3!) \times 4!) - 5!) + ((6 \times 7! - 8) \times 9) &= ((9 + 8!) \times 7) - (((6! - 5!) - 4^{3!}) \times 2) - 1) \\
 289297 &:= ((1 + ((2 + 3!) \times 4!)) - 5!) + ((6 \times 7! - 8) \times 9) &= (((9 + (8! + 7)) \times 6) + 5^4) + (3!^{(2+1)!}) \\
 289298 &:= 1 \times 2 \times (((3! + 4)^5) - (6! - (7! + 8! + 9))) &= ((9 \times 8) + 7) \times ((6! \times 5 + 4^3) - (2 \times 1)) \\
 289299 &:= 1 \times (((2 + 3!^4) - 5!) \times 6) + 7 \times 8! - 9) &= 9 - (8 - (((7^6) + ((5!/4)^3))) \times 2 \times 1) \\
 289300 &:= 1 + (((2 + 3!^4) - 5!) \times 6) + 7 \times 8! - 9) &= 9 - (8 - (((7^6) + ((5!/4)^3))) \times 2) + 1) \\
 289301 &:= 1 + (2 \times (((3^4 + 5!) \times 6!) - (7!/(8 \times 9)))) &= (((9 - 8) + ((7^6) + ((5!/4)^3))) \times 2) + 1) \\
 289302 &:= (1 + 2)! \times (3! - ((4 \times (5 - 6!)) - (7! + 8! - 9))) &= (9 \times 8!/7! + 6) \times ((5 \times (4! + (3!! - 2))) - 1) \\
 289303 &:= 1 - (2 \times ((3 \times ((4 \times (5 - 6!)) - (7! + 8!)) + 9)) &= ((9 + 8!) \times 7) + ((6! - 5 \times 4) \times (3^2 + 1)) \\
 289304 &:= 1 + (((2 + ((3 + 4) \times (5! + (6 + 7!)))) \times 8) - 9) &= (9 + (8! \times 7 + (6!/5))) + (((4!^3)/2) - 1) \\
 289305 &:= ((1 + 2^{3!} \times 4!) \times (5! + 6 \times 7)) + (8! - 9) &= (9 - (8!/7)) + (6!/5 \times (4^{3!}/2 + 1)) \\
 289306 &:= ((1 + ((2 \times 3!! - 4!) \times 5)) - (6 - (7 \times 8!))) - 9 &= (9 + (8! \times 7 + (6!/5))) + (((4!^3)/2) + 1) \\
 289307 &:= (1 \times 2 + ((3!^4 - 5!) \times 6)) + (7 \times 8! + 9) &= ((9 + 8! \times 7) + (6^5 + (4 - 3!))) - 2 \times 1) \\
 289308 &:= ((1 + 2) + ((3!^4 - 5!) \times 6)) + (7 \times 8! + 9) &= ((9 + 8! \times 7) + (6^5 + 4)) - (3!! + (2 - 1)) \\
 289309 &:= 1 + (2 \times (((3 + 4) \times (5^6 + 7!)) + (8 - 9))) &= ((9 + 8! \times 7) + (6^5 + 4)) - ((3 + (2 + 1)))! \\
 289310 &:= (((1 + 2 \times 3!! - 4!) \times 5) - 6) + (7 \times 8! - 9) &= ((9 + 8! \times 7) + (6^5 + 4)) - (3!! - (2 - 1)) \\
 289311 &:= ((1 + 2^{3!}) \times 4! \times 5) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) + (6^5 + (4 - 3!))) + (2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 289312 &:= (((1+2) \times 3!! + 4!) \times (5! - 6)) + 7 + (8! + 9) &= ((9 + 8! \times 7) + (6^5 + (4 - 3!!))) + (2 + 1) \\
 289313 &:= 1 \times ((2 + 3!! \times 4!) - (5! - ((6 \times (7! + 8!)) - 9))) &= ((9 + 8!) \times 7) + ((6! + (5 - 4!)) \times (3^2 + 1)) \\
 289314 &:= 1 + ((2 + 3!! \times 4!) - (5! - ((6 \times (7! + 8!)) - 9))) &= ((98 \times (7!/6 + (5! + 4!))) + 3!) \times (2 + 1) \\
 289315 &:= ((1 + ((2 + 3!!) \times 4!)) - 5!) + (6 \times (7! + 8! - 9)) &= (9 + 8 \times 7) \times ((6 \times ((5 \times 4) + 3!! + 2)) - 1) \\
 289316 &:= (1 - (((2 - 3!!) \times 4!) + 5)) + ((6 \times 7! - 8) \times 9) &= 9 + ((8! \times 7) - (((6 - 5!) \times ((4^3) - 2)) + 1)) \\
 289317 &:= (1 + 2)! - ((3! \times ((4 \times (5 - 6!)) - (7! + 8!))) + 9) &= (9 + 8! \times 7) - ((6 - 5!) \times ((4^3) - (2 \times 1))) \\
 289318 &:= (1 + (((2 \times 3!! - 4!) \times 5) + 6)) + (7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) - (5 \times (4! - (3!! \times 2 - 1))) \\
 289319 &:= 1 - (2 - (3 \times ((4 \times 5 \times (6 + 7!)) - 8!/9))) &= 9 + ((8! - (7 \times (6! - ((5!/4!)^{3!})))) \times 2 \times 1) \\
 289320 &:= (1 + (2 \times (((3^4 + 5!) \times 6!) - (7 \times 8)))) - 9 &= (9 \times (8! - 7!)) - (((6! - 5!) \times (4! + ((3! - 2)! - 1))) \\
 289321 &:= ((1 \times 2 + ((3 + 4) \times (5! + (6 + 7!)))) \times 8) + 9 &= (9 + 8! \times 7) + ((6! \times 5 - 4^3) \times 2 \times 1) \\
 289322 &:= 1 - (2 - (3!! \times 4! - ((5 - (6 \times 7! - 8)) \times 9))) &= ((9 + 8! \times 7) - 6) - ((5 \times (4! - 3!! \times 2)) + 1) \\
 289323 &:= (1 - (2 \times (3! \times 4! + 5!))) \times (((6! - 7!)/8) - 9) &= ((9 + 8! \times 7) - 6) + (5! \times (((4! + 3!) \times 2) - 1)) \\
 289324 &:= ((1 + ((2 \times 3!! - 4!) \times 5)) - (6 - (7 \times 8!))) + 9 &= ((9 + 8! \times 7) - 6) - ((5 \times (4! - 3!! \times 2)) - 1) \\
 289325 &:= 1 \times ((2 \times (((3!! - 4) \times 5) - 6)) + (7 \times (8! - 9))) &= (((9 + (8! + 7!)) \times 6) - (5! - (4! \times (3!! - 2)))) - 1 \\
 289326 &:= (1 - (((2 - 3!!) \times 4!) - 5)) + ((6 \times 7! - 8) \times 9) &= (((9 + (8! + 7!)) \times 6) - (5! - (4! \times (3!! - 2)))) \times 1 \\
 289327 &:= (1 - (((2 - 3!!) \times 4!) + 5!)) + (6 \times (7! + 8! + 9)) &= (((9 + (8! + 7!)) \times 6) - (5! - (4! \times (3!! - 2)))) + 1 \\
 289328 &:= (((1 + 2 \times 3!! - 4!) \times 5) - 6) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) - 6) + ((5! + ((4!^3)/2)) - 1) \\
 289329 &:= ((1 + 2^{3!}) \times 4! \times 5) - (6! - (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + (5! \times ((4! + 3) \times 2 - 1)) \\
 289330 &:= (1 + 2) - (((3! + 4) \times (5 - 6!)) - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6) + (5! + (((4!^3)/2) + 1)) \\
 289331 &:= 1 \times 2 - ((3! \times ((4 \times (5 - 6!)) - (7! + 8!))) - 9) &= ((9 + ((8! + 7!) \times 6)) - 5!) + ((4! \times 3!!) + 2 \times 1) \\
 289332 &:= ((1 + (2 \times ((3!! - 4) \times 5))) - 6) + (7 \times (8! - 9)) &= ((9 \times (8 + 7)) + 6) \times ((5 + (4^{3!}/2)) - 1) \\
 289333 &:= ((1 + 2)! - ((3! + 4) \times (5 - 6!))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + (6^5)) - (4! + 3!!) - 2 \times 1 \\
 289334 &:= (1 - (((2 - 3!!) \times 4!) + 5)) + (6 \times (7! + 8! - 9)) &= (((9 + 8!) \times 7!/6!) + 5!) + (((4!^3)/2) - 1) \\
 289335 &:= ((1 + 2)!^{3!}) - (((4! - (5! + 6 \times 7!)) \times 8) + 9) &= (9 + 8! \times 7 + 6) + (5! \times (((4! + 3!) \times 2) - 1)) \\
 289336 &:= (1 + (((2 \times 3!! - 4!) \times 5) + 6)) + (7 \times 8! + 9) &= (((9 + 8!) \times 7!/6!) + 5!) + (((4!^3)/2) + 1) \\
 289337 &:= (1 \times 2 \times (((3^4 + 5!) \times 6!) - (7 \times 8))) + 9 &= (((9 + 8!) \times 7) + (6^5)) - (4! + 3!!) + (2 \times 1) \\
 289338 &:= 1 \times 2 \times ((3! \times ((4! \times (5 + 6!)) - 7)) + 8! - 9) &= (((9 + 8!) \times 7) + (6^5)) - (4! + 3!!) + (2 + 1) \\
 289339 &:= 1 - (2 \times ((3 \times ((4 \times (5 - 6!)) - (7! + 8!))) - 9)) &= -98 - (((7! - 6!) \times (5 - (4! \times 3))) + (2 + 1)) \\
 289340 &:= (((1 + 2 \times 3!! - 4!) \times 5) + (6 + 7 \times 8!)) + 9 &= (((9 + 8!) \times 7) + 6) + ((5! + ((4!^3)/2)) - 1) \\
 289341 &:= ((12 + 3!!) \times 4!) + ((5 + (6 \times (7! - 8))) \times 9) &= (((9 + 8!) \times 7) + 6) + (5! + ((4!^3)/2 \times 1)) \\
 289342 &:= ((1 + 2)! + ((3 + 4)!)) - (5! - (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6) + (5! + (((4!^3)/2) + 1)) \\
 289343 &:= ((1 \times 2 \times ((3!! - 4) \times 5)) + 6) + (7 \times (8! - 9)) &= ((9 \times (8 + (7! \times 6))) - 5!) + ((4! \times (3!! - 2)) - 1) \\
 289344 &:= (1 - 2 \times 3!) \times ((4! \times 5! - (6^7 - 8!))/9) &= ((9 \times (8 + (7! \times 6))) - 5!) + (4! \times (3!! - (2 \times 1))) \\
 289345 &:= (1 - (((2 - 3!!) \times 4!) + 5!)) + ((6 \times 7! + 8) \times 9) &= ((9 \times (8 + (7! \times 6))) - 5!) + ((4! \times (3!! - 2)) + 1) \\
 289346 &:= 1 \times (2 \times (((3^4 + 5!) \times 6!) - ((7 \times 8) - 9))) &= (((9 + 8!) \times 7) + (6^5)) - 4 - (3^{(2+1)!}) \\
 289347 &:= 1 \times ((2 \times ((3! \times ((4! \times (5 + 6!)) - 7)) + 8!)) - 9) &= (9 + (((8! + 7) + (6^{5!/4!})) \times 3!)) + ((2 + 1)!)! \\
 289348 &:= 1 + ((2 \times ((3! \times ((4! \times (5 + 6!)) - 7)) + 8!)) - 9) &= 9 + 8! + (((7 \times 6) \times ((5! - 43)^2)) + 1) \\
 289349 &:= 1 - (2 - (3! \times (4! \times 5! - (6 - (7! + 8! - 9)))))) &= (((9 + 8!) \times 7) + (6^5)) - (4 + 3!!) - (2 + 1)! \\
 289350 &:= 1 \times 2 \times (3 \times (4! \times 5! - (6 - (7! + 8! - 9)))) &= (((9 + (8! + 7!)) \times 6) - 5!) + (4! \times (3!! - (2 - 1)))
 \end{aligned}$$

$$\begin{aligned}
 289351 &:= 1 - ((2 + (((3 + 4^5) - 6 - 7!) \times 8)) \times 9) &= (((9 + 8!) \times 7) + (6^5)) - ((4!/3) + (2 + 1)!) \\
 289352 &:= 1 \times (2 + (3! \times (4! \times 5! - (6 - (7! + 8! - 9)))) &= 9 + ((8 \times (7! + ((6^5 \times 4) + (3! - 2)!)) - 1) \\
 289353 &:= 1 + (2 + (3! \times (4! \times 5! - (6 - (7! + 8! - 9)))) &= (((9 + 8!) \times 7) + (6^5)) - (4 + 3!) - 2 \times 1 \\
 289354 &:= (1 - (2 \times ((3 \times 4) - (5 \times 6!)))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + (6^5)) - (4 + 3!) - (2 - 1) \\
 289355 &:= (1 + (2 \times (((3^4 + 5!) \times 6!) - 7))) - 8 \times 9 &= (((9 + 8!) \times 7) + (6^5)) - (4 + 3!) \times (2 - 1) \\
 289356 &:= ((1 + 2 \times 3!! - 4) \times 5) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6^5)) - 4 - (3!! - (2 - 1)) \\
 289357 &:= (((1 + 2)!) \times (3! + 4)) - (5!/6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6^5)) - 4 - (3!! - (2 \times 1)) \\
 289358 &:= 1 - (2 - ((3 + 4) \times (((5! + (6 + 7!)) \times 8) + 9))) &= ((9 + 8!) \times 7) + (6!/5) + (((4!^3)/2) - 1) \\
 289359 &:= (((1 \times 2 + 3!!) \times 4!) - 5!) + ((6 \times (7! + 8!)) - 9) &= ((9 + 8!) \times 7) + (6!/5) + ((4!^3)/2 \times 1) \\
 289360 &:= ((1 + ((2 + 3!!) \times 4!)) - (5! - (6 \times (7! + 8!)))) - 9 &= ((9 + 8!) \times 7) + (6!/5) + (((4!^3)/2) + 1) \\
 289361 &:= (1 \times 2 + ((3!^4 - 5!) \times 6)) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + (6^5 + 4) - (3!! + 2 \times 1) \\
 289362 &:= ((1 + (2 \times ((3^4 + 5!) \times 6!))) - 7) - 8 \times 9 &= ((9 + 8!) \times 7) + (6^5 + 4) - (3!! + (2 - 1)) \\
 289363 &:= (((1 + 2)!! - 3!) \times 4!) - 5) + ((6 \times 7! + 8) \times 9) &= 9 - ((8 - (7 \times (6 - 5!))) \times (((4 - 3!!)/2) - 1)) \\
 289364 &:= (1 + ((2 \times 3!! - 4) \times 5)) + (6 + (7 \times (8! - 9))) &= ((9 + 8!) \times 7) + (6^5 + 4) - (3!! - (2 - 1)) \\
 289365 &:= (1 \times 2 + 3!! \times 4!) - (5 - ((6 \times 7! - 8) \times 9)) &= ((9 + 8!) \times 7) + (6^5 + 4) - (3!! - (2 \times 1)) \\
 289366 &:= (1 - ((2 - 3!!) \times 4!)) + (((5 + 6 \times 7!) - 8) \times 9) &= 9 + (((8! - ((7 - ((6! + 5) \times 4!)) \times 3!)) \times 2) + 1) \\
 289367 &:= (((((1 \times 2 + 3!)! + 4^5) - 6) \times 7) - 8) + 9 &= (9 \times 8 \times ((7 + 6!) \times 5)) + (4!^3 \times 2 - 1) \\
 289368 &:= 1 - (((2 - 3!^4) \times 5) - (6! + (7 \times (8! - 9)))) &= (9 + 8! \times 7) + ((6! + (((5! \times 4)/3!)^2)) - 1) \\
 289369 &:= (1 - ((2 - 3^4) \times (5 \times 6!))) + (7! - 8 \times 9) &= 9 - ((8 \times (7 - (6! \times 5 + 4!))) \times (3^2 + 1)) \\
 289370 &:= 1 \times (2 - (((3 + 4^5) - 6 - 7!) \times 8 \times 9)) &= ((9 + 8!) \times 7) - (((6 - 5!) \times ((4^3) - 2)) + 1) \\
 289371 &:= ((1 \times 2 + 3!!) \times 4!) - ((5 - (6 \times 7! - 8)) \times 9) &= 9 \times 8 + (((7^6) + ((5!/4)^3)) \times 2) + 1) \\
 289372 &:= (1 + ((2 + 3!!) \times 4!)) - ((5 - (6 \times 7! - 8)) \times 9) &= (((9 + 8!) \times 7) - 6) - (5 \times (4! - (3!! \times 2 - 1))) \\
 289373 &:= (((1 + 2)!! - 3!) \times 4!) + 5) + ((6 \times 7! + 8) \times 9) &= (((9 + (8! + 7!)) \times 6) - 5!) + ((4! \times 3!!) - (2 - 1)) \\
 289374 &:= 1 \times 2 \times ((3! \times ((4! \times (5 + 6!)) - 7)) + 8! + 9) &= (9 + 8! - ((7 - ((6! + 5) \times 4!)) \times 3!)) \times 2 \times 1 \\
 289375 &:= (1 \times 2 + 3!! \times 4!) + (5 + ((6 \times 7! - 8) \times 9)) &= (((9 + (8! + 7!)) \times 6) - (5! - ((4! \times 3!!) + 2))) - 1 \\
 289376 &:= 1 \times 2 - (3! \times ((4 \times (5 - 6!)) - (7! + 8! + 9))) &= (((9 + (8! + 7!)) \times 6) - (5! - ((4! \times 3!!) + 2))) \times 1 \\
 289377 &:= (((1 \times 2 + 3!!) \times 4!) - 5!) + ((6 \times (7! + 8!)) + 9) &= (((9 + 8!) \times 7) - 6) + (5! \times (((4! + 3!) \times 2) - 1)) \\
 289378 &:= ((1 + ((2 + 3!!) \times 4!)) - (5! - (6 \times (7! + 8!)))) + 9 &= (((9 + 8!) \times 7) - 6) - ((5 \times (4! - 3!! \times 2)) - 1) \\
 289379 &:= (1 - (((2 - 3!!) \times 4!) + 5)) + ((6 \times (7! + 8!)) - 9) &= (9 \times 8 \times (7! - 6!)) - (((5!/4) \times (3!! + 2)) + 1) \\
 289380 &:= 1 - ((2 \times ((3 - 4) - (5 \times 6!))) - (7 \times (8! - 9))) &= (((9 + 8 \times 7) + 6!) - 5) \times (((4! + 3!!)/2) - 1) \\
 289381 &:= (1 \times 2 \times (3! - (4 - (5 \times 6!)))) + (7 \times (8! - 9)) &= (9 \times 8 \times (7! - 6!)) - (((5!/4) \times (3!! + 2)) - 1) \\
 289382 &:= (((1 + 2 \times 3!! - 4!) \times 5) - 6) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - 6) - (5 \times (4! - (3!! \times 2 + 1))) \\
 289383 &:= ((1 + 2^3!) \times 4! \times 5) - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6!) + (5! \times ((4! + 3) \times 2 - 1)) \\
 289384 &:= 1 - ((2 \times ((3! \times 4) - (5 \times 6!))) - (7 \times 8! - 9)) &= 9 + 8! - (((7 + (6^5)) \times (4 - 3!^2)) + 1) \\
 289385 &:= 1 \times ((2 \times ((3!! - 4) \times 5)) - (6 - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) + (6^5 + (4! - 3!))) + (2 \times 1) \\
 289386 &:= ((1 + (2 \times ((3!! - 4) \times 5))) - 6) + (7 \times 8! - 9) &= 9 + 8! - (((7 + (6^5)) \times (4 - 3!^2)) - 1) \\
 289387 &:= 1 \times (((2 + 3!^4) \times 5) + (6! + (7 \times (8! - 9)))) &= (9 + ((8 \times (7! + 6 + 5!)) + 4)) \times (3! + (2 - 1)) \\
 289388 &:= (1 + ((2 + 3!^4) \times 5)) + (6! + (7 \times (8! - 9))) &= (9 + 8! \times 7) + (((6! \times 5 - (4! + 3!)) \times 2) - 1) \\
 289389 &:= (1 - (((2 - 3!!) \times 4!) - 5)) + ((6 \times (7! + 8!)) - 9) &= (((9 + 8!) \times 7) + 6) + (5! \times (((4! + 3!) \times 2) - 1))
 \end{aligned}$$

$$\begin{aligned}
 289390 &:= ((1 + (2 \times (3!! - 4))) \times 5) - (6 - (7 \times 8! - 9)) &= (9 + 8! \times 7) + (((6! \times 5 - (4! + 3!)) \times 2) + 1) \\
 289391 &:= 1 - ((2 - (3 \times (4! + 5!))) \times (6! - ((7 \times 8) - 9))) &= (9 \times (8! - 7!)) - (6! - (((5! - 4!^3) \times 2) - 1)) \\
 289392 &:= (1 + ((2 \times 3!! + 4) \times 5)) - (6 - (7 \times (8! - 9))) &= (9 \times ((8 + 7!) \times 6)) + ((5! \times 4) \times (3!^2 - 1)) \\
 289393 &:= (1 \times 2 + 3!! \times 4!) + (5 + (6 \times (7! + 8! - 9))) &= (9 \times (8! - 7!)) - (6! - (((5! - 4!^3) \times 2) + 1)) \\
 289394 &:= 1 \times ((2 + 3!! \times 4!) - (5! - ((6 \times 7! + 8) \times 9))) &= (9 + 8! \times 7) + (((6! \times 5 - (4! + 3!)) \times 2) - 1) \\
 289395 &:= 1 + ((2 + 3!! \times 4!) - (5! - ((6 \times 7! + 8) \times 9))) &= (9 + 8! \times 7) - (6 \times (((5! + (4 - 3!)) \times 2) + 1)) \\
 289396 &:= ((1 + (2 \times 3!! + 4)) \times 5) - (6 - (7 \times (8! - 9))) &= (9 + 8! \times 7) - (((6 + (5 \times (4 - 3!))) \times 2) + 1) \\
 289397 &:= (1 - (((2 - 3!!) \times 4!) + 5)) + ((6 \times (7! + 8!)) + 9) &= ((9 + ((8! + 7!) \times 6)) - 5) + ((4! \times (3!! - 2)) + 1) \\
 289398 &:= (1 + (2 \times ((3!! - 4) \times 5))) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) - 6) - (5 \times (((4 - 3!)) \times 2) + 1)) \\
 289399 &:= ((1 + 2)! \times (((3 \times 4!) - 5) \times 6!) - 7) - (8 - 9) &= 9 - (8 + ((7 + (6! \times (5 - (4! \times 3)))) \times (2 + 1)!)) \\
 289400 &:= (1 - (((2 - 3^4) \times 5!) - 6^7)) - (8 + 9) &= (9 + 8! \times 7) - ((6 \times ((5! + (4 - 3!)) \times 2)) + 1) \\
 289401 &:= 1 \times 2 - (((3! + 4) \times (5 - 6!)) - (7 \times 8! + 9)) &= (9 + 8! \times 7) - (6 \times ((5! + (4 - 3!)) \times 2 \times 1)) \\
 289402 &:= ((1 + (2 \times (3!! - 4))) \times 5) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) - 6) - ((5 \times ((4 - 3!)) \times 2) + 1) \\
 289403 &:= 1 - (2 - ((3^4 \times ((5 \times (6! - 7)) + 8)) - 9)) &= ((9 + 8! \times 7) - 6) - (5 \times ((4 - 3!)) \times 2 \times 1) \\
 289404 &:= ((1 + (2 \times ((3!! - 4) \times 5))) - 6) + (7 \times 8! + 9) &= ((9 + 8! \times 7) - 6) - ((5 \times ((4 - 3!)) \times 2) - 1) \\
 289405 &:= 1 \times ((2 \times ((3!! + 4) \times 5) - 6)) + (7 \times (8! - 9)) &= (9 + (((8! + 7!) \times 6) + 5)) + ((4! \times (3!! - 2)) - 1) \\
 289406 &:= 1 \times ((2 + (3^4 \times ((5 \times (6! - 7)) + 8))) - 9) &= (9 + 8! \times 7) + (((6! \times 5 - (4! - 3!)) \times 2) - 1) \\
 289407 &:= 1 + ((2 + (3^4 \times ((5 \times (6! - 7)) + 8))) - 9) &= (9 + 8! \times 7) - (6 \times (((5! + (4 - 3!)) \times 2) - 1)) \\
 289408 &:= 1 + ((2 \times (3 - (4! - (5 \times 6!)))) + (7 \times 8! + 9)) &= (9 + 8! \times 7) + (((((6! - 5) \times 4) + 3!)) \times 2) - 1) \\
 289409 &:= ((1 \times 2 \times ((3^4 + 5!) \times 6!) - 7) - 8) - 9 &= (9 + 8! \times 7) + (((6! - 5) \times 4) + 3!) \times 2 \times 1) \\
 289410 &:= ((1 + 2 \times 3!! - 4) \times 5) - (6 - (7 \times 8! - 9)) &= (9 + (8! \times 7! / 6!)) - ((5 \times ((4 - 3!)) \times 2) - 1) \\
 289411 &:= 1 \times ((2 \times ((3!! + 4) \times 5)) - (6 - (7 \times (8! - 9)))) &= (((9 + (8 \times (7 + (6^5)))) \times 4) + (3! + 2)! - 1) \\
 289412 &:= ((1 + ((2 + 3!!) \times 4!)) - 5) + ((6 \times 7! - 8) \times 9) &= (9 + 8! \times 7) + (((6! \times 5 - (4! - 3!)) \times 2) - 1) \\
 289413 &:= (((1 + 2)!! - 3!) \times 4!) + ((5 + (6 \times 7! + 8)) \times 9) &= (((9 \times (8! / 7)) - (6! \times 5 + 4)) \times 3!) - 2 - 1) \\
 289414 &:= (1 - (2 \times (3! - (4! + 5 \times 6!)))) + (7 \times (8! - 9)) &= (((9 \times (8! / 7)) - (6! \times 5 + 4)) \times 3!) - 2 \times 1) \\
 289415 &:= (1 \times 2 + 3!! \times 4!) + (((5 + 6 \times 7!) - 8) \times 9) &= (((9 \times (8! / 7)) - (6! \times 5 + 4)) \times 3!) - 2 + 1) \\
 289416 &:= (1 + (2 \times ((3!! - 4) \times 5))) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) - ((5 \times ((4 - 3!)) \times 2) - 1) \\
 289417 &:= 1 - (((2 - 3^4) \times 5!) + (6^7 \times (8 - 9))) &= ((9 + (((8! - (7! - 6! + 5)) \times 4) + 3!)) \times 2) - 1) \\
 289418 &:= 1 \times (2 \times (3!! - ((4 \times (5 - (6! - (7! - 8!)))) - 9))) &= ((9 + (((8! - (7! - 6! + 5)) \times 4) + 3!)) \times 2) \times 1) \\
 289419 &:= 1 + (2 \times (3!! - ((4 \times (5 - (6! - (7! - 8!)))) - 9))) &= ((9 + (((8! - (7! - 6! + 5)) \times 4) + 3!)) \times 2) + 1) \\
 289420 &:= (1 - ((2 - 3!!) \times 4!)) - ((5 - (6 \times 7! + 8)) \times 9) &= (9 + 8! \times 7 + 6) - (5 \times (((4 - 3!)) \times 2) - 1) \\
 289421 &:= 1 \times ((2 \times (((3!! - 4) \times 5) + 6)) + (7 \times 8! + 9)) &= (9 \times (8! - 7!)) - 6! + ((5 - 4!) \times (3!! \times 2 + 1)) \\
 289422 &:= (1 + (((2 + 3!!) \times 4!) + 5)) + ((6 \times 7! - 8) \times 9) &= ((9 + 8!) \times 7) + ((6! + (((5! \times 4) / 3!)^2)) - 1) \\
 289423 &:= ((1 + ((2 + 3!!) \times 4!)) - 5!) + (6 \times (7! + 8! + 9)) &= (((9 + (8! + 7!)) \times 6) - 5!) + ((4! \times (3!! + 2)) + 1) \\
 289424 &:= (1 + ((2 \times 3!! - 4) \times 5)) - (6 - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + (6! + (((5! \times 4) / 3!)^2) + 1) \\
 289425 &:= (1 - (((2 + (3 \times (4 - 5!))) \times 6!) + 7)) + (8! - 9) &= ((9 + 8! \times 7) + (6^5)) - (4! \times ((3! - 2)! + 1)) \\
 289426 &:= (1 + (2 \times (3!! + 4! \times 5!))) - (6 - (7 \times 8! - 9)) &= (9 + (8! + 7)) + ((6! - (5! / 4)) \times (3!! / 2 + 1)) \\
 289427 &:= ((1 \times 2 \times ((3^4 + 5!) \times 6!) - 7) - 8) + 9 &= (((9 + (8! + 7!)) \times 6) + 5) + (4! \times (3!! - 2 - 1)) \\
 289428 &:= ((1 + 2 \times 3!! - 4) \times 5) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - (5 \times (4 - (3!! \times 2 + 1)))
 \end{aligned}$$

$$\begin{aligned}
 289429 &:= (((1 \times 2 + 3!) \times 4!) - 5) + (6 \times (7! + 8! - 9)) &= (9 + (8! \times 7!/6!)) - (5 \times (4 - (3!! + (2 + 1)!))) \\
 289430 &:= ((1 + ((2 + 3!) \times 4!)) - 5) + (6 \times (7! + 8! - 9)) &= (9 + (8! \times 7!/6!)) - ((5 \times (4 - 3!! \times 2)) - 1) \\
 289431 &:= ((1 + 2)! \times 3!!) + ((4 \times 5! \times 6) + 7 \times 8! - 9) &= (9 \times 8 \times (7! - 6!)) - ((5! + (4! + 3!))^2 \times 1) \\
 289432 &:= (1 - (2 \times (3!! + ((4! + 5) \times (6! - 7!)))) + (8! - 9) &= (9 \times 8 \times (7! - 6!)) - (((5! + (4! + 3!))^2) - 1) \\
 289433 &:= 1 \times 2 - (((3 \times 4) \times (5! - 6!)) - (7 \times 8! - 9)) &= (9 + 8! \times 7) + ((6! \times 5 - 4!/3) \times 2 \times 1) \\
 289434 &:= (1 - ((2 - 3^4) \times (5 \times 6! + 7))) + 8!/9 &= (9 + 8! \times 7 + 6) - ((5 \times (4 - 3!! \times 2)) + 1) \\
 289435 &:= 1 \times ((2 \times ((3! \times (4! \times (5 + 6!))) - (7 - 8!))) + 9) &= ((9 \times (8! - 7!)) + 6!) - (5 \times ((4 \times 3!! \times 2) + 1)) \\
 289436 &:= (1 + ((2 \times 3!! - 4) \times 5)) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7) - (((6 - (5! \times 4! + 3!!)) \times 2) + 1) \\
 289437 &:= ((1 + 2)! \times 3!!) + (4! \times 5! + ((6 + 7 \times 8! - 9)) &= (9 + 8! \times 7) - ((6 - (5! \times 4! + 3!!)) \times 2 \times 1) \\
 289438 &:= (1 + (2 \times (3 + (4! \times 5! + 6!)))) + (7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) + ((5!/4!) \times (3!! \times 2 - 1)) \\
 289439 &:= (1 - (((2 + (3 \times (4 - 5!))) \times 6!) - 7)) + (8! - 9) &= (9 \times (8!/7)) + (((6! \times 5) \times ((4^3) + 2)) - 1) \\
 289440 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times 6!) - ((7! + 8!)/9) &= (9 + 8! \times 7 + 6) - (5 \times (4 - (3!! \times 2 + 1))) \\
 289441 &:= (1 - (((2 - 3!!) \times 4!) - 5!)) + ((6 \times 7! - 8) \times 9) &= (9 \times (8!/7)) + (((6! \times 5) \times ((4^3) + 2)) + 1) \\
 289442 &:= (1 + ((2 + 3!^4) \times 5)) + (6! + 7 \times 8! - 9) &= (9 + 8! \times 7) + (((6! \times 5 - (4!/3!)) \times 2) + 1) \\
 289443 &:= (1 - (((2 + (3 \times (4 - 5!))) \times 6!) + 7)) + (8! + 9) &= 9 + 8! - 7 + ((6! \times ((5! - 4) \times 3) - 2)) + 1) \\
 289444 &:= (1 + (2 \times (3!! + 4! \times 5!))) - (6 - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + (((6! \times 5 - (4! + 3!)) \times 2) + 1) \\
 289445 &:= ((1 - (2 \times (3!! \times 4))) \times 5) + (6! - ((7! - 8!) \times 9)) &= ((9 \times (8! - 7!)) + 6!) - (5 \times ((4 \times 3!! \times 2) - 1)) \\
 289446 &:= (1 + ((2 \times 3!! + 4) \times 5)) - (6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - ((6 - ((5 \times 4) \times 3!)))/2) \times 1 \\
 289447 &:= (((1 \times 2^{3!}) \times (4 + 5!)) - 6!) + (7 \times 8! - 9) &= ((9 + (8! + 7!)) \times (6!/5!)) + ((4! \times (3!! - 2)) + 1) \\
 289448 &:= (1 + (2^{3!} \times (4 + 5!))) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6!) + ((5! \times ((4^3) + 2)) - 1) \\
 289449 &:= (1 - (((2 + 3!)! + (4^5 + 6) \times 7)) \times (8 - 9) &= ((9 + 8!) \times 7) - (6 \times (((5! + (4 - 3!)) \times 2) + 1)) \\
 289450 &:= ((1 + (2 \times 3!! + 4)) \times 5) - (6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6!) + ((5! \times ((4^3) + 2)) + 1) \\
 289451 &:= 1 \times 2 - (((3 \times 4) \times (5! - 6!)) - (7 \times 8! + 9)) &= 9 - (((8! - (7! + (6! \times (5! - 4)))) \times 3!) - (2 \times 1)) \\
 289452 &:= (1 - (((2 - 3!!) \times 4!) - 5)) + (6 \times (7! + 8! + 9)) &= (((9 + 8!) \times 7) - 6) - (5 \times (((4 - 3!!) \times 2) + 1)) \\
 289453 &:= 1 - (2 - (3!! \times 4! + (5 + ((6 \times (7! + 8!)) + 9)))) &= (9 + 8! \times 7) + ((6! \times 5 - 4 + 3!) \times 2 \times 1) \\
 289454 &:= (1 + (2 \times (((3^4 + 5!) \times 6!) + 7))) + (8 - 9) &= ((9 + 8!) \times 7) - ((6 \times ((5! + (4 - 3!)) \times 2)) + 1) \\
 289455 &:= 1 \times 2 - (((3! + 4) \times (5 - 6!)) - (7 \times (8! + 9))) &= (9 + (8! + 7)) + ((6! \times (((5! - 4) \times 3) - 2)) - 1) \\
 289456 &:= (1 + (2 \times (3 + (4! \times 5! + 6!)))) + (7 \times 8! + 9) &= (9 + (8! + 7)) - (6! \times (((5!/4) - 3!)/2) - 1) \\
 289457 &:= (1 - (((2 + (3 \times (4 - 5!))) \times 6!) - 7)) + (8! + 9) &= (9 + (8! + 7)) + ((6! \times (((5! - 4) \times 3) - 2)) + 1) \\
 289458 &:= (1 + ((2 \times 3!! + 4) \times 5)) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) - 6) + (5 \times ((4 + 3!! \times 2) - 1)) \\
 289459 &:= (((1 - 2 \times 3!!) \times (4! - 5)) - 6!) - ((7! - 8!) \times 9) &= (((9 + (8! + (7! - (6 - (5! \times 4!)))) \times 3!) + 2) - 1) \\
 289460 &:= (1 - (((2 - 3!!) \times 4!) + 5)) + ((6 \times 7! + 8) \times 9) &= ((9 + 8!) \times 7) + (((6! \times 5 - (4! - 3)) \times 2) - 1) \\
 289461 &:= ((1 \times 2 + 3!!) \times 4!) + (((5 + 6 \times 7!) - 8) \times 9) &= (((9 + (8! + (7! - (6 - (5! \times 4!)))) \times 3!) + 2) + 1) \\
 289462 &:= (1 + ((2 + 3!!) \times 4!)) + (((5 + 6 \times 7!) - 8) \times 9) &= ((9 + 8!) \times 7) + (((((6! - 5) \times 4) + 3!!) \times 2) - 1) \\
 289463 &:= 1 + (2 \times (3!! + ((4 \times (5 + 6! - (7! - 8!)) - 9))) &= 9 - ((8 - (7! - (6 + 5!))) \times (((4! + 3!) \times 2) - 1)) \\
 289464 &:= (1 + ((2 \times 3!! + 4) \times 5)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) + ((5 \times (4 + 3!! \times 2)) + 1) \\
 289465 &:= 1 \times ((2^{3!} \times (4 + 5!)) - (6! - (7 \times 8! + 9))) &= (((9 \times (8!/7)) - (6! \times 5 - 4)) \times 3!) + 2) - 1) \\
 289466 &:= (1 + (2 \times ((3!! + 4) \times 5))) - (6 - (7 \times 8! - 9)) &= (((9 \times (8!/7)) - (6! \times 5 - 4)) \times 3!) + 2) \times 1) \\
 289467 &:= (((1 + 2)! + 3!!) \times 4!) - ((5 - (6 \times 7! - 8)) \times 9) &= (((9 \times (8!/7)) - (6! \times 5 - 4)) \times 3!) + 2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 289468 &:= (1 - (2 \times (3! - (4! + 5 \times 6!)))) + (7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) + (5 \times (4 + (3! \times 2 + 1))) \\
 289469 &:= (1 \times 2 + 3! \times 4!) - ((5 - (6 \times 7! + 8)) \times 9) &= (9 \times ((8 + (7! \times 6)) - 5)) + ((4! \times 3!) + 2 \times 1) \\
 289470 &:= (1 - (((2 - 3!) \times 4!) - 5)) + ((6 \times 7! + 8) \times 9) &= (9 + 8! \times 7 + 6) + (5 \times ((4 + 3! \times 2) - 1)) \\
 289471 &:= ((1 \times 2 \times ((3^4 + 5!) \times 6!) + 7)) + 8 + 9 &= (((9 \times 8) - 7!)/6) - (5 - (4!^3 \times 21)) \\
 289472 &:= 1 \times (2 \times ((3! \times (4! + 5!)) + (6! + (7 + 8! + 9)))) &= (((9 + 8!) \times 7) - 6) - (5 \times (4 - (3! \times 2 - 1))) \\
 289473 &:= 1 + (2 \times ((3! \times (4! + 5!)) + (6! + (7 + 8! + 9)))) &= ((9 + 8! \times 7) + (6^5)) - (4! \times ((3! - 2)! - 1)) \\
 289474 &:= 1 \times (((2 + 3!) \times 4!) - (5 - ((6 \times (7! + 8!)) - 9))) &= (9 + 8! \times 7 + 6) + ((5 \times (4 + 3! \times 2)) - 1) \\
 289475 &:= ((1 + ((2 + 3!) \times 4!)) - (5 - (6 \times (7! + 8!)))) - 9 &= 9 + 8! + ((7 - (6! + 5)) \times (((4! - 3!)/2) + 1)) \\
 289476 &:= (1 + ((2 \times 3! + 4) \times 5)) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6) - ((5 \times (4 - 3! \times 2)) + 1) \\
 289477 &:= 1 \times (((2 \times 3! - 4) \times 5) - (6 - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - 6) + ((5 \times 4) \times (3!/2 - 1)) \\
 289478 &:= (1 + (2 \times ((3! + 4) \times 5))) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) - 6) - ((5 \times (4 - 3! \times 2)) - 1) \\
 289479 &:= (((1 - 2^3) \times (4 - 5!)) - 6) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + (6^5)) - (4! \times ((3! - 2)! + 1)) \\
 289480 &:= (((1 + (2 \times 3! + 4)) \times 5) + 6) + (7 \times 8! + 9) &= (9 + 8! \times 7) - (6! + (((5! - 4^3) \times 2) + 1)) \\
 289481 &:= ((1 + 2)! \times (((3 \times 4!) - 5) \times 6! + 7)) + (8 - 9) &= (9 + 8! \times 7) - (6! + ((5! - 4^3) \times 2 \times 1)) \\
 289482 &:= ((1 + (2 \times (3! + 4))) \times 5) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) - 6!) - (((5! - 4^3) \times 2) - 1) \\
 289483 &:= 1 \times ((2 \times ((3! + 4) \times 5)) - (6 - (7 \times 8! + 9))) &= (9 + ((8! + (7! + (6 + (5! \times 4!)))) \times 3!)) - 2 \times 1 \\
 289484 &:= 1 \times (((2 + 3!) \times 4!) + ((5 + (6 \times (7! + 8!)) - 9)) &= ((9 + 8!) \times 7!/6!) - ((5 \times (4 - 3! \times 2)) - 1) \\
 289485 &:= (1 + (((2 + 3!) \times 4!) + 5)) + ((6 \times (7! + 8!)) - 9) &= ((9 - (8 - 7))^6) - ((5 - 4!) \times (3! \times 2 - 1)) \\
 289486 &:= (1 + (2 \times (3 + 4! + 5 \times 6!))) + (7 \times 8! - 9) &= (9 + 8! \times 7) + (((6! \times 5 + (4! - 3!)) \times 2) + 1) \\
 289487 &:= 1 \times 2 + ((3! \times (4! \times 5! + (6 + (7! + 8!)))) + 9) &= (((9 + (8! + 7!)) \times 6) - (5 - ((4! \times 3!) - 2))) \times 1 \\
 289488 &:= ((1 + (2 \times (3! + 4))) \times 5) - (6 - (7 \times 8! + 9)) &= (((9 + (8! + 7!)) \times 6) - (5 - ((4! \times 3!) - 2))) + 1 \\
 289489 &:= (1 - (((2 - 3^4) \times 5!) - 6^7)) + 8 \times 9 &= 9 - (8 - (7^6 - ((5! \times ((4 - 3!)) \times 2)) + 1)) \\
 289490 &:= (1 + ((2 \times 3! - 4) \times 5)) + (6 + (7 \times (8! + 9))) &= ((9 + 8!) \times 7) - (((6 - (5! \times 4! + 3!)) \times 2) + 1) \\
 289491 &:= ((1 - 2^3) \times (4 - 5!)) + (6 + (7 \times (8! - 9))) &= (9 + 8! \times 7) - (6 \times (((5! - (4 + 3!)) \times 2) + 1)) \\
 289492 &:= 1 \times (((2 + 3!) \times 4!) - (5 - ((6 \times (7! + 8!)) + 9))) &= (9 + 8! \times 7) + (((6! \times 5 + (4! - 3)) \times 2) + 1) \\
 289493 &:= ((1 + ((2 + 3!) \times 4!)) - (5 - (6 \times (7! + 8!)))) + 9 &= (((9 + 8!) \times 7) + ((6! - (5 - (4 \times 3!))) \times 2)) \times 1 \\
 289494 &:= 1 + ((2 \times (3! \times 4 - (5 - 6!))) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + ((6! - (5 - (4 \times 3!))) \times 2)) + 1 \\
 289495 &:= 1 \times ((2 \times ((3! + 4) \times 5)) + (6 + (7 \times 8! + 9))) &= (9 + 8! \times 7 + 6) + (5 \times ((4 + 3!)) \times 2 \times 1) \\
 289496 &:= (1 + (2 \times ((3! + 4) \times 5))) + (6 + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + (((6! \times 5 - (4!/3!)) \times 2) + 1) \\
 289497 &:= ((1 + (2 \times (3 + 4!))) \times 5!) + (6! + (7 \times (8! - 9))) &= ((9 + (((8! - (7! - (6! + 5))) \times 4) + 3!)) \times 2) - 1 \\
 289498 &:= 1 - ((2 \times (3 - (4! \times 5! + 6!))) - (7 \times (8! + 9))) &= ((9 + (((8! - (7! - (6! + 5))) \times 4) + 3!)) \times 2) \times 1 \\
 289499 &:= (1 + (2 \times (((3^4 + 5!) \times 6!) - 7))) + 8 \times 9 &= ((9 + (((8! - (7! - (6! + 5))) \times 4) + 3!)) \times 2) + 1 \\
 289500 &:= ((1 + (2 \times (3! + 4))) \times 5) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + (5 \times (((4 + 3!)) \times 2) + 1) \\
 289501 &:= (1 \times 2 + ((3! + 4) \times (5 + 6!))) + (7 \times 8! + 9) &= (9 + (((8! + 7!) \times 6) + 5)) + ((4! \times (3! + 2)) - 1) \\
 289502 &:= 1 \times (((2 + 3!) \times 4!) + (5 + ((6 \times (7! + 8!)) + 9))) &= (((9 + 8!) \times 7) - 6!) + ((5! \times ((4^3) + 2)) - 1) \\
 289503 &:= (1 + (((2 + 3!) \times 4!) + 5)) + ((6 \times (7! + 8!)) + 9) &= (9 + 8! \times 7) - (6 \times (((5! - (4 + 3!)) \times 2) - 1)) \\
 289504 &:= (1 - (((2 - 3!) \times 4!) - 5!)) + ((6 \times (7! + 8!)) - 9) &= (((9 + 8!) \times 7) - 6!) + ((5! \times ((4^3) + 2)) + 1) \\
 289505 &:= ((1 + 2)! + (3! \times 4! + 5)) + (6 \times (7! + 8! + 9)) &= ((9 \times (8 + (7! \times 6))) - 5) + ((4! \times 3!) - (2 \times 1)) \\
 289506 &:= 1 \times 2 \times (3 \times ((4 \times (5 + 6!)) + (7! + 8! - 9))) &= ((9 \times (8 + (7! \times 6))) - 5) + ((4! \times 3!) - (2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 289507 &:= (1 \times 2 \times (3! - (4 - (5 \times 6!)))) + (7 \times (8! + 9)) &= 9 + ((8 + (7^6)) - ((5! \times ((4 - 3!) \times 2)) - 1)) \\
 289508 &:= (((1 + (2 \times 3!! + 4!)) \times 5) + 6) + (7 \times (8! - 9)) &= (9 \times (8 + ((7! \times 6) + 5))) + ((4! \times (3!! - 2)) - 1) \\
 289509 &:= (1 \times 2 + 3!! \times 4!) - (5 - ((6 \times 7! + 8) \times 9)) &= ((9 \times (8 + (7! \times 6))) - 5) + ((4! \times 3!!) + 2 \times 1) \\
 289510 &:= (1 - ((2 - 3!!) \times 4!)) + ((5 + (6 \times 7! + 8)) \times 9) &= (9 + 8! \times 7) + (((6! \times 5 + (4! + 3!)) \times 2) + 1) \\
 289511 &:= 1 - ((2 + (((3 \times 4!) - 5) \times (6! - 7!))) - 8 \times 9) &= 9 \times 8 + (((7! - 6!) \times ((5 + 4^3) - 2)) - 1) \\
 289512 &:= 1 \times 2 \times (3!! + (4 \times ((5! \times 6) - (7! - 8! - 9)))) &= (9 + ((8!/7!)^6)) - (((5 - 4!) \times 3!! \times 2) + 1) \\
 289513 &:= 1 \times ((2 + 3!^4) \times 5) + (6! + (7 \times (8! + 9))) &= 9 \times 8 + (((7! - 6!) \times ((5 + 4^3) - 2)) + 1) \\
 289514 &:= (1 + ((2 + 3!^4) \times 5)) + (6! + (7 \times (8! + 9))) &= (9 + ((8!/7!)^6)) - (((5 - 4!) \times 3!! \times 2) - 1) \\
 289515 &:= ((1 \times 2 + 3!!) \times 4!) - ((5 - (6 \times 7! + 8)) \times 9) &= ((9 \times 8) - (((7! - 6!) \times (5 - (4! \times 3))) - 2)) + 1 \\
 289516 &:= (1 + ((2 + 3!!) \times 4!)) - ((5 - (6 \times 7! + 8)) \times 9) &= (((9 + 8!) \times 7) - 6) + ((5 \times (4 + 3!! \times 2)) - 1) \\
 289517 &:= (((1 + 2^{3!}) \times (4 + 5!)) - 6!) + (7 \times (8! - 9)) &= ((9 \times 8) + (((((7 + 6) + 5!) \times 4) + 3!)^2)) + 1 \\
 289518 &:= (1 + ((2 \times 3!! + 4) \times 5)) - (6 - (7 \times (8! + 9))) &= ((9 \times (8 + (7! \times 6))) + (5 + ((4! \times 3!!) + 2))) - 1 \\
 289519 &:= 1 - (2 + (((3 \times 4!) + 5) \times (6! - (7! \times 8/9)))) &= ((9 \times (8 + (7! \times 6))) + (5 + ((4! \times 3!!) + 2))) \times 1 \\
 289520 &:= (1 + (2^{3!} \times (4 + 5!))) - (6! - (7 \times (8! + 9))) &= ((9 \times (8 + (7! \times 6))) + (5 + ((4! \times 3!!) + 2))) + 1 \\
 289521 &:= (1 + ((2 - 3 \times 4!) \times (5! + 6! - 7!))) - 8!/9 &= (9 + (8 \times (7! + (6^5 \times 4)))) + (3!!/2 \times 1) \\
 289522 &:= (1 - (((2 - (3^4 \times 5)) \times 6!) + 7!/8)) - 9 &= (9 + 8! \times 7) + (((((6 \times 5!) + (4!^3))/2) + 1) \\
 289523 &:= 1 \times ((2 \times (3! + (4 + 5 \times 6!))) + (7 \times (8! + 9))) &= 9 - (8 + (((7 \times (6 - 5!)) - 4) \times (3!!/2 + 1))) \\
 289524 &:= 1 + ((2 \times (3! + (4 + 5 \times 6!))) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) + (5 \times ((4 + 3!! \times 2) - 1)) \\
 289525 &:= (((1 + 2)! + 3!!) \times 4!) - 5) + (6 \times (7! + 8! - 9)) &= (((9 + 8 - 7) \times 6!) + 5^4) \times (3!^2 + 1) \\
 289526 &:= (((1 + ((2 + 3!)! + 4!))/5) - 6!) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) + (((6! \times 5 + 4 \times 3) \times 2) - 1) \\
 289527 &:= ((1 + ((2 - 3 \times 4!) \times (5! - 6!))) \times 7) - 8!/9 &= (((9 + (8! + (7! + (6 + (5! \times 4!)))))) \times 3!) - 2) - 1 \\
 289528 &:= (1 + (2^{3!} \times ((4! - 5) \times 6))) + (7 \times 8! - 9) &= (((9 + (8! + (7! + (6 + (5! \times 4!)))))) \times 3!) - 2) \times 1 \\
 289529 &:= 1 - (2 - (3! \times (4! \times 5! + (6 + (7! + 8! + 9)))) &= (((9 + (8! + (7! + (6 + (5! \times 4!)))))) \times 3!) - 2) + 1 \\
 289530 &:= (1 + ((2 \times 3!! + 4) \times 5)) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) + ((5 \times (4 + 3!! \times 2)) + 1) \\
 289531 &:= (1 \times 2 \times (((3!! + 4) \times 5) - 6)) + (7 \times (8! + 9)) &= (((9 + (8! + (7! + (6 + (5! \times 4!)))))) \times 3!) + 2) - 1 \\
 289532 &:= 1 \times (2 + (3! \times (4! \times 5! + (6 + (7! + 8! + 9)))) &= (9 + ((8! + ((7 + ((6! + 5) \times 4!)) \times 3!)) \times 2)) - 1 \\
 289533 &:= 1 \times ((2 \times ((3! \times ((4! \times (5 + 6!)) + 7)) + 8!)) + 9) &= (9 + ((8! + ((7 + ((6! + 5) \times 4!)) \times 3!)) \times 2)) \times 1 \\
 289534 &:= (1 + (2 \times ((3! \times ((4! \times (5 + 6!)) + 7)) + 8!)) + 9 &= ((9 + 8!) \times 7) - (6! + (((5! - 4^{3!}) \times 2) + 1)) \\
 289535 &:= 1 + (2 \times (((3^4 + 5!) \times 6!) + ((7 \times 8) - 9))) &= ((9 + 8!) \times 7) - (6! + (((5! - 4^{3!}) \times 2 \times 1)) \\
 289536 &:= ((1 \times 2 + 3!!) \times 4!) + (5! + ((6 \times 7! - 8) \times 9)) &= (((9 + 8!) \times 7) - 6!) - (((5! - 4^{3!}) \times 2) - 1) \\
 289537 &:= (1 + (((2 + 3!!) \times 4!) + 5!)) + ((6 \times 7! - 8) \times 9) &= (((9 + 8!) \times 7) - 6) + (5 \times ((4 + 3!!) \times 2 \times 1)) \\
 289538 &:= ((1 + ((2 + 3!!) \times 4!)) - 5) + (6 \times (7! + 8! + 9)) &= (((9 + 8!) \times 7) - 6) + ((5 \times ((4 + 3!!) \times 2)) + 1) \\
 289539 &:= (1 \times 2 \times (3^4 + 5 \times 6!)) + (7 \times (8! - 9)) &= 9 + 8 - (((7 \times (6 - 5!)) - 4) \times (3!!/2 + 1)) \\
 289540 &:= (1 - (((2 - (3^4 \times 5)) \times 6!) + 7!/8)) + 9 &= ((9 + 8!) \times 7) + (((6! \times 5 + (4! - 3!)) \times 2) + 1) \\
 289541 &:= (((1 + (2^{3!+4})) \times 5) + 6^7) + 8!/9 &= ((9 + (8! + 7!)) \times (6!/5!)) + ((4! \times (3!! + 2)) - 1) \\
 289542 &:= 1 \times (2 \times ((3! \times ((4! \times (5 + 6!)) + 7)) + 8! + 9)) &= ((9 + 8!) \times 7!/6!) + ((5 \times ((4 + 3!!) \times 2)) - 1) \\
 289543 &:= 1 + (2 \times ((3! \times ((4! \times (5 + 6!)) + 7)) + 8! + 9)) &= ((9 + (8! + 7!)) \times (6!/5!)) + ((4! \times (3!! + 2)) + 1) \\
 289544 &:= 1 - ((2 + ((3!! - 4!) \times (5! - (67 \times 8)))) - 9) &= (((9 + 8!) \times 7) + 6) + (5 \times (((4 + 3!!) \times 2) - 1)) \\
 289545 &:= ((1 - 2^{3!}) \times (4 - 5!)) + ((6 + 7 \times 8!) - 9) &= ((9 + 8!) \times 7) - (6 \times (((5! - (4 + 3!!)) \times 2) + 1))
 \end{aligned}$$

$$\begin{aligned}
 289546 &:= ((1 + ((2 \times 3!! + 4!) \times 5)) - (6 - (7 \times 8!))) - 9 &= ((9 + 8!) \times 7) + (((6! \times 5 + (4! - 3)) \times 2) + 1) \\
 289547 &:= (((1 \times 2 + 3!!) \times 4!) + 5) + (6 \times (7! + 8! + 9)) &= (((9 + (8! + 7!)) \times 6) + (5 + (4! \times (3!! + 2)))) \times 1 \\
 289548 &:= (1 + (((2 + 3!!) \times 4!) + 5)) + (6 \times (7! + 8! + 9)) &= (((9 + 8!) \times 7) + 6) + ((5 \times ((4 + 3!!) \times 2)) - 1) \\
 289549 &:= 1 \times ((2 \times ((3!! + 4) \times 5)) + (6 + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + 6) + (5 \times ((4 + 3!!) \times 2 \times 1)) \\
 289550 &:= 1 \times (2 + (3! \times (4! \times 5! - ((6 - 7! - 8) \times 9)))) &= ((9 + 8!) \times 7) - ((6 \times ((5! - (4 + 3!!)) \times 2)) + 1) \\
 289551 &:= 1 + (2 + (3! \times (4! \times 5! - ((6 - 7! - 8) \times 9)))) &= (9 \times ((8!/7 + 6!) \times 5)) - (4^3/2 + 1) \\
 289552 &:= 1 \times (2 \times (3!! + (4 \times (5 + 6! - (7! - 8! - 9)))) &= ((9 + 8!) \times 7) - ((6 \times ((5! - (4 + 3!!)) \times 2)) - 1) \\
 289553 &:= 1 + (2 \times (3!! + (4 \times (5 + 6! - (7! - 8! - 9)))) &= (9 \times ((8!/7 + 6!) \times 5)) - (4^3/2 - 1) \\
 289554 &:= 1 \times (((2 + 3!!) \times 4!) + (5! + (6 \times (7! + 8! - 9)))) &= (((9 + 8!) \times 7) + 6) + (5 \times (((4 + 3!!) \times 2) + 1)) \\
 289555 &:= (1 + (((2 + 3!!) \times 4!) + 5!)) + (6 \times (7! + 8! - 9)) &= (((9 + 8!) \times 7) + ((6! + 5) \times (4 + 3!)) + 2) \times 1 \\
 289556 &:= ((1 + ((2 + 3!!) \times 4!)) - 5) + ((6 \times 7! + 8) \times 9) &= (9 \times (8! - (7 \times (6! + 5)))) - (4!^3 \times 2 + 1) \\
 289557 &:= (((1 + 2!) + 3!!) \times 4!) + (((5 + 6 \times 7!) - 8) \times 9) &= ((9 + 8!) \times 7) - (6 \times (((5! - (4 + 3!!)) \times 2) - 1)) \\
 289558 &:= (1 + (((2 \times 3!! + 4!) \times 5) + 6)) + (7 \times 8! - 9) &= (9 \times (8! - (7 \times (6! + 5)))) - (4!^3 \times 2 - 1) \\
 289559 &:= (1 \times 2 + 3!! \times 4!) + ((5 + (6 \times 7! + 8)) \times 9) &= (9 \times (8 + (7! \times (6!/5!)))) + ((4! \times (3!! + 2)) - 1) \\
 289560 &:= (((1 + 2) + 3!!) \times 4!) + 5! + ((6 \times 7! - 8) \times 9) &= (9 + ((8!/7!)^6)) - (((5! - 4!^3) \times 2) + 1) \\
 289561 &:= (1 \times 2 \times (((3^4 + 5!) \times 6!) + 7 \times 8)) + 9 &= (9 \times (8 + (7! \times (6!/5!)))) + ((4! \times (3!! + 2)) + 1) \\
 289562 &:= (((1 + (2 \times 3!! + 4!)) \times 5) + 6) + (7 \times 8! - 9) &= (9 + ((8!/7!)^6)) - (((5! - 4!^3) \times 2) - 1) \\
 289563 &:= ((1 - 2^3!) \times (4 - 5!)) + (6 + (7 \times 8! + 9)) &= 9 - (((8 + 7! - 6) \times (5 - 4!)) - 3!!) \times (2 + 1) \\
 289564 &:= ((1 + ((2 \times 3!! + 4!) \times 5)) - (6 - (7 \times 8!))) + 9 &= ((9 + 8!) \times 7) + (((6! \times 5 + (4! + 3!)) \times 2) + 1) \\
 289565 &:= (((1 \times 2 + 3!!) \times 4!) + 5) + ((6 \times 7! + 8) \times 9) &= (((9 + (8! + 7!)) \times 6) + 5!) + ((4! \times (3!! - 2)) - 1) \\
 289566 &:= (1 + (((2 + 3!!) \times 4!) + 5)) + ((6 \times 7! + 8) \times 9) &= (9 + (((8! + 7!) \times 6) + (5! + ((4! \times 3!!) - 2)))) - 1 \\
 289567 &:= (1 - (((2 - 3!!) \times 4!) - 5!)) + (6 \times (7! + 8! + 9)) &= (9 + (((8! + 7!) \times 6) + (5! + ((4! \times 3!!) - 2)))) \times 1 \\
 289568 &:= (((1 + (2 \times 3!! + 4!)) \times 5) - 6) + (7 \times 8! + 9) &= (9 + (((8! + 7!) \times 6) + (5! + ((4! \times 3!!) - 2)))) + 1 \\
 289569 &:= ((1 + (2 \times (3 + 4!))) \times 5!) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! - 5!))) + ((4!/3!)/(2 + 1)!) \\
 289570 &:= 1 \times (2 \times (((3^4 + 5!) \times 6!) - (7 - 8 \times 9))) &= (9 + 8! \times 7 + 6) + (5 \times (4! + (3!! \times 2 - 1))) \\
 289571 &:= (((1 + 2^3!) \times (4 + 5!)) - (6! - (7 \times 8!))) - 9 &= (9 + (((8! + 7!) \times 6) + (5! + 4! \times 3!))) + (2 \times 1) \\
 289572 &:= ((1 + 2) + (3!! \times 4! + 5!)) + ((6 \times (7! + 8!)) + 9) &= ((9 + 8! \times 7) + (((6 + 5)^4) + 3)/2) + 1 \\
 289573 &:= 1 - (2 \times 3! + ((4^5 - 6 - 7!) \times 8 \times 9)) &= ((9 \times (8 + 7)) \times ((6! - (5!/4!)) \times 3)) - 2 \times 1 \\
 289574 &:= ((1 + 2)!) + ((3^4 \times (5 \times (6! - 7))) + 89) &= (9 + 8! \times 7 + 6) + ((5 \times (4! + 3!! \times 2)) - 1) \\
 289575 &:= (((1 + 2)^{3!+4}) \times 5) - ((6! \times 7/8) \times 9) &= (9 + ((8 \times (7! \times 6))/5!)) \times (4! + (((3 + 2)!) - 1)) \\
 289576 &:= (((1 + ((2 + 3!)! + 4))/5) - (6! - (7 \times 8!))) - 9 &= ((9 + 8!) \times 7) + (((6 \times 5!) + (4!^3))/2) + 1 \\
 289577 &:= 1 - ((2 + 3!) + ((4^5 - 6 - 7!) \times 8 \times 9)) &= (9 \times (8! - (7! + 6))) - (((5! + (4!^3)) \times 2) + 1) \\
 289578 &:= (((1 + 2) + 3!!) \times 4!) + 5! + (6 \times (7! + 8! - 9)) &= (9 + 8! \times 7) + (((6! \times 5 + 4^3) \times 2) + 1) \\
 289579 &:= (((1 + 2)^{3!}) \times 4!) - 5) + ((6 \times 7! - 8) \times 9) &= (9 \times (8! - (7! + 6))) - (((5! + (4!^3)) \times 2) - 1) \\
 289580 &:= (((1 + ((2 + 3!)! + 4!))/5) - 6!) + (7 \times 8! - 9) &= (9 + 8! \times 7 + 6) + (5 \times (4! + (3!! \times 2 + 1))) \\
 289581 &:= 1 + ((2 - 3!) - ((4^5 - 6 - 7!) \times 8 \times 9)) &= (9 + 8! \times 7) + (((6! + 5!) + (4!^3))/2 \times 1) \\
 289582 &:= ((1 + 2)! + ((3 + 4)!)) + (5! + (6^7 + 8!/9)) &= (9 + 8! \times 7) + (((6! + 5!) + (4!^3))/2) + 1) \\
 289583 &:= 1 \times 2 - (3 + ((4^5 - 6 - 7!) \times 8 \times 9)) &= (9 \times (8! - 7!)) - (6^5 + (((4!/3!)/2) + 1)) \\
 289584 &:= 1 + ((2 - 3) - ((4^5 - 6 - 7!) \times 8 \times 9)) &= ((9 \times (8 + (7! \times 6))) + 5!) + (4! \times (3!! - (2 \times 1)))
 \end{aligned}$$

$$\begin{aligned}
 289585 &:= (1 - (((2 - 3!) \times 4!) - 5!)) + ((6 \times 7! + 8) \times 9) &= (9 \times (8! - 7!)) - (6^5 + (((4!/3)!/2) - 1)) \\
 289586 &:= (1 \times 2 + ((3^4 \times 5!) + 6^7)) - 8 \times 9 &= (((((9 \times (8 + 7)) \times (6! - 5)) + 4) \times 3) - 2) + 1 \\
 289587 &:= ((1 + 2^{3!}) \times ((4! - 5) \times 6)) + (7 \times (8! - 9)) &= 9 + (((8 + 7) \times ((6! - 5) \times (4! + 3))) + (2 + 1)) \\
 289588 &:= 1 \times ((2 + (3! \times 4)) \times (5^6 - (7 + 8!/9))) &= ((9 + ((8! + 7!) \times 6)) - 5) + (4! \times (3! + (2 + 1)!)) \\
 289589 &:= 1 + ((2 + (3! \times 4)) \times (5^6 - (7 + 8!/9))) &= (((((9 \times (8 + 7)) \times (6! - 5)) + 4) \times 3) + (2 \times 1)) \\
 289590 &:= (((1 + 2)^{3!}) \times 4!) - (5! - (6 \times (7! + 8! + 9))) &= (((9 + (8! + 7!)) \times 6) + 5!) + (4! \times (3!! - (2 - 1))) \\
 289591 &:= (((1 + 2)!^{3!}) + 4^5) + ((6 \times 7! \times 8) - 9) &= ((9 \times 8) + (7 - 6)) \times (((5! + 4) \times 32) - 1) \\
 289592 &:= 1 \times ((2 + 3!) - ((4^5 - 6 - 7!) \times 8 \times 9)) &= (9 + ((8! + 7!) \times 6)) + (((5! + 4 \times 3)^2) - 1) \\
 289593 &:= (1 \times 2 \times (3^4 + 5 \times 6!)) + (7 \times 8! - 9) &= (9 + (((8! + 7!) \times 6) + 5!)) + (4! \times (3!! + (2 - 1))) \\
 289594 &:= (((1 + ((2 + 3!)! + 4))/5) - (6! - (7 \times 8!))) + 9 &= 9 \times 8 - (((7 \times (6 - 5!)) - 4) \times (3!!/2 + 1)) \\
 289595 &:= (((1 + 2)!^3) \times 4!) - (5 - 6^7) + 8!/9 &= (9 + 8) \times ((7! - 6) + ((5! \times ((4 + 3!)^2)) + 1)) \\
 289596 &:= (1 - ((2^{3!} \times (4 - 5!)) + 6)) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) - (((6 - 5!) \times (4^3)) + (2 + 1)) \\
 289597 &:= 1 + 2 \times 3! - ((4^5 - 6 - 7!) \times 8 \times 9) &= ((9 + 8!) \times 7) - (((6 - 5!) \times (4^3)) + 2 \times 1) \\
 289598 &:= (((1 + ((2 + 3!)! + 4!))/5) - 6!) + (7 \times 8! + 9) &= ((9 + 8!) \times 7) - (((6 - 5!) \times (4^3)) + (2 - 1)) \\
 289599 &:= 1 \times ((2^{3!} \times ((4! - 5) \times 6)) + (7 \times (8! + 9))) &= (9 + 8! \times 7) - (6! - (((5^4) + 3!!) \times (2 + 1)!)) \\
 289600 &:= (1 + (((2 + 3!!) \times 4!) + (5! + (6 \times (7! + 8!)))) - 9 &= ((9 + 8! \times 7) - 6!) - (5! - ((4^{3!} \times 2) - 1)) \\
 289601 &:= (1 - ((2 - (3^4 \times 5)) \times 6!)) - (7! - 8!/9) &= (((9 + 8! \times 7) - (6! + 5!)) + 4^{3!} \times 2) \times 1 \\
 289602 &:= 1 \times 2 - ((3!! + 4) \times ((5 \times 6!)/((7 - 8) \times 9))) &= ((9 + 8! \times 7) - 6!) - (5! - ((4^{3!} \times 2) + 1)) \\
 289603 &:= (1 + 2) - ((3!! + 4) \times ((5 \times 6!)/((7 - 8) \times 9))) &= (9 \times (8! - (7! + (6 \times 5)))) - (4!^3 \times 2 - 1) \\
 289604 &:= 1 \times 2 + (3! \times (((45 + 6!) \times 7) + 8) \times 9) &= (9 \times (8 + ((7! \times 6) + 5))) + ((4! \times (3!! + 2)) - 1) \\
 289605 &:= (((1 - 2^{3!}) \times (4 - 5!)) - 6) + (7 \times (8! + 9)) &= (9 \times (8 + ((7! \times 6) + 5))) + (4! \times (3!! + 2 \times 1)) \\
 289606 &:= (1 + ((2 + 3!!) \times 4!)) + ((5 + (6 \times 7! + 8)) \times 9) &= (9 \times (8 + ((7! \times 6) + 5))) + ((4! \times (3!! + 2)) + 1) \\
 289607 &:= (((1 + 2)^{3!}) \times 4!) + 5) + (6 \times (7! + 8! - 9)) &= (((((9 \times ((8 + 7) + 6!)) + 5!) \times 43) + 2) \times 1) \\
 289608 &:= (1 - ((2^{3!} \times (4 - 5!)) - 6)) + (7 \times (8! - 9)) &= (9 + 8! \times 7) + (((6^5 - 4^{3!}) \times 2) - 1) \\
 289609 &:= (1 + ((2 + 3! \times 4!) \times 5!)) + ((6 \times 7! - 8) \times 9) &= (9 + ((8 \times 7 + (6!/5)) \times ((4 + 3!!) \times 2))) \times 1 \\
 289610 &:= 1 - (2 - ((3 - ((4^5 - 6 - 7!) \times 8)) \times 9)) &= (9 + 8! \times 7) + (((6^5 - 4^{3!}) \times 2) + 1) \\
 289611 &:= (1 \times 2 \times (3^4 + 5 \times 6!)) + (7 \times 8! + 9) &= (((9 + (8! + 7!)) \times 6) + (5! + 4! \times 3!)) - (2 + 1) \\
 289612 &:= (1 + (2 \times (3^4 + 5 \times 6!))) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) - 6) + (5 \times (4! + (3!! \times 2 - 1))) \\
 289613 &:= 1 \times (2 + ((3 - ((4^5 - 6 - 7!) \times 8)) \times 9)) &= (((9 + (8! + 7!)) \times 6) + 5!) + ((4! \times 3!!) - (2 - 1)) \\
 289614 &:= 1 + (2 + ((3 - ((4^5 - 6 - 7!) \times 8)) \times 9)) &= ((9 - (8 \times 7)) \times (6 - (5! \times 4))) \times (3! \times 2 + 1) \\
 289615 &:= (1 + 2)!! - (((3 \times 4!) - 5) \times (6! - (7! - 8))) + 9 &= (((9 + (8! + 7!)) \times 6) + (5! + ((4! \times 3!!) + 2))) - 1 \\
 289616 &:= ((1 + (2 \times (3!! + 4!))) \times 5) - (6 - (7 \times (8! - 9))) &= (((9 + (8! + 7!)) \times 6) + (5! + ((4! \times 3!!) + 2))) \times 1 \\
 289617 &:= ((1 - 2^{3!}) \times (4 - 5!)) + (6 + (7 \times (8! + 9))) &= (((9 + (8! + 7!)) \times 6) + (5! + ((4! \times 3!!) + 2))) + 1 \\
 289618 &:= (1 + (((2 + 3!!) \times 4!) + (5! + (6 \times (7! + 8!)))) + 9 &= (((9 + 8!) \times 7) - 6) + ((5 \times (4! + 3!! \times 2)) + 1) \\
 289619 &:= 1 - (2 \times (((3! - 4!) \times (5! \times 67)) - 89)) &= (9 \times (8! - 7!)) - (((6 + 5!) + (4!^3)) \times 2) + 1) \\
 289620 &:= ((1 + 2)! + (3!! \times 4! + 5!)) + (6 \times (7! + 8! + 9)) &= ((9 \times (8!/7)) - (6! \times 5 - (4! + 3!))) \times (2 + 1)! \\
 289621 &:= ((1 + 2) \times (((3 \times 4) + 5!) \times 6!) + 7) + 8!/9 &= (9 \times (8! - 7!)) - (((6 + 5!) + (4!^3)) \times 2) - 1) \\
 289622 &:= (((1 + (2 \times 3!! + 4!)) \times 5) - 6) + (7 \times (8! + 9)) &= 9 + 8! - ((7 - ((6 \times 5!)/4)) \times (3!! \times 2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 289623 &:= 1 \times ((2 \times ((3!! + 4!) \times 5)) + (6 + (7 \times (8! - 9)))) &= ((9 + 8!) \times 7) + (((6 + 5)^4) - 3)/2) + 1 \\
 289624 &:= (1 + ((2 \times ((3!! + 4!) \times 5)) + 6)) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) + 6) + (5 \times (4! + (3!! \times 2 - 1))) \\
 289625 &:= (((1 - 2) + 3^4) \times 5!) + 6^7) + 89 &= (9 \times (8! - 7!)) - (6 + (((5! + (4!^3)) \times 2) + 1)) \\
 289626 &:= 1 \times (((2 + 3! \times 4!) \times 5!) + (6 \times (7! + 8! - 9))) &= 9 + ((8 + (7^6)) - (5! \times (((4 - 3!!) \times 2) - 1))) \\
 289627 &:= (1 + ((2 + 3! \times 4!) \times 5!)) + (6 \times (7! + 8! - 9)) &= (9 \times (8! - 7!)) - ((6 + ((5! + (4!^3)) \times 2)) - 1) \\
 289628 &:= 1 \times ((2 \times (3!! + ((4! + 5) \times (6 + 7!)))) - 8!/9) &= 9 + (((8! \times 7) - 6!) + ((5! - (4! + 3!))^2) - 1) \\
 289629 &:= (1 + (2 \times (3!! + ((4! + 5) \times (6 + 7!)))) - 8!/9) &= ((9 \times (8 + (7! \times 6))) + (5! + ((4! \times 3!!) - 2))) - 1 \\
 289630 &:= (1 + (2 \times (((3!! + 4!) \times 5) + 6))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + ((6! \times 5 + 4^3) \times 2)) - 1 \\
 289631 &:= 1 - (2 - (3!! \times 4! + (5! + ((6 \times 7! + 8) \times 9)))) &= (((9 + 8!) \times 7) + ((6! \times 5 + 4^3) \times 2)) \times 1 \\
 289632 &:= (((1 + 2)! + 3!!) \times 4!) + 5!) + ((6 \times 7! - 8) \times 9) &= (((9 + 8!) \times 7) + ((6! \times 5 + 4^3) \times 2)) + 1 \\
 289633 &:= (1 - ((2 - 3! \times 4!) \times 5!)) + (6 \times ((7! + 8) \times 9)) &= (9 \times (8! - (7 \times 6!))) - (((5! + (4!^3)) \times 2) - 1) \\
 289634 &:= 1 \times (2 + (3!! \times 4! + (5! + ((6 \times 7! + 8) \times 9)))) &= ((9 \times (8 + (7! \times 6))) + (5! + ((4! \times 3!!) + 2))) \times 1 \\
 289635 &:= 1 + (2 + (3!! \times 4! + (5! + ((6 \times 7! + 8) \times 9)))) &= ((9 \times (8 + (7! \times 6))) + (5! + ((4! \times 3!!) + 2))) + 1 \\
 289636 &:= 1 \times ((2 - (3^4 - 5)) \times (6 + ((7! - 8!)/9))) &= ((9 + 8!) \times 7) + (((6! + 5!) + (4!^3))/2) + 1 \\
 289637 &:= 1 - (2 - ((3! - ((4^5 - 6 - 7!) \times 8)) \times 9)) &= (9 \times (8! - 7!)) + (6 - (((5! + (4!^3)) \times 2) + 1)) \\
 289638 &:= ((1 - 2) + ((3^4 \times 5!) + (6^7 - 8))) - 9 &= (9 \times (8! - 7!)) + (6 - ((5! + (4!^3)) \times 2 \times 1)) \\
 289639 &:= 1 - (((2 + (3!! + (4! - 5!))) \times (6 + 7)) - 8!) \times 9) &= (9 \times (8! - 7!)) + (6 - (((5! + (4!^3)) \times 2) - 1)) \\
 289640 &:= 1 \times (2 + ((3! - ((4^5 - 6 - 7!) \times 8)) \times 9)) &= (((9 + 8! \times 7) + (6^5)) - 4!) - (3!!/2 + 1) \\
 289641 &:= 1 + (2 + ((3! - ((4^5 - 6 - 7!) \times 8)) \times 9)) &= (((9 + 8! \times 7) + (6^5)) - 4!) - (3!!/2 \times 1) \\
 289642 &:= (1 - ((2 - (3! \times (4! + 5!))) \times (6 \times 7 \times 8))) + 9 &= (((9 + 8! \times 7) + (6^5)) - 4!) - (3!!/2 - 1) \\
 289643 &:= (((1 + 2^3!) \times (4 + 5!)) - 6!) + (7 \times (8! + 9)) &= (9 \times (8! - 7!)) + (((6 - 5! - 4!^3) \times 2) - 1) \\
 289644 &:= (1 + 2)! + ((3! - ((4^5 - 6 - 7!) \times 8)) \times 9) &= (9 \times (8! - 7!)) + ((6 - 5! - 4!^3) \times 2 \times 1) \\
 289645 &:= ((1 + 2)! + ((3^4 \times 5!) + (6^7 - 8))) - 9 &= (9 \times (8! - 7!)) + (((6 - 5! - 4!^3) \times 2) + 1) \\
 289646 &:= 1 - (2 - (3 \times (4! - ((5 - 6!) \times ((7 + 8) \times 9)))) &= ((9 + 8) \times (((7! - (6! - 5!)) \times 4) - (3!! + 2))) \times 1 \\
 289647 &:= (((1 - (2^3! \times 4)) \times 5!) + 6^7) + (8! - 9) &= ((9 + 8) \times (((7! - (6! - 5!)) \times 4) - (3!! + 2))) + 1 \\
 289648 &:= 1 - (((2 + 3!) \times (4^5 - 6)) - (7 + 8!)) \times 9) &= 9 + 8! + (7 + ((6^5 + 4^3!) \times 21)) \\
 289649 &:= (((1 \times 2 + 3!) \times 4^5) - 6!) + (7 \times (8! - 9)) &= ((9 - (8 \times ((7 - ((6 + 5!) \times 4!)) \times 3!))) \times 2) - 1 \\
 289650 &:= 1 \times (2 \times ((3! \times (((4! \times (5! + 6)) - 7) \times 8)) + 9)) &= ((9 - (8 \times ((7 - ((6 + 5!) \times 4!)) \times 3!))) \times 2) \times 1 \\
 289651 &:= 1 + (2 \times ((3! \times (((4! \times (5! + 6)) - 7) \times 8)) + 9)) &= ((9 - (8 \times ((7 - ((6 + 5!) \times 4!)) \times 3!))) \times 2) + 1 \\
 289652 &:= (((1 + ((2 + 3!)! + 4!))/5) - 6!) + (7 \times (8! + 9)) &= 9 + ((8! \times 7 + (6^5)) - (((4! + 3!)/2) + 1)) \\
 289653 &:= ((1 + 2) - ((3^4 \times 5!) + 6^7)) \times (8 - 9) &= 9 + ((8! \times 7 + (6^5)) - ((4! + 3!)/2 \times 1)) \\
 289654 &:= ((1 - 2) + ((3^4 \times 5!) + (6^7 + 8))) - 9 &= (((9 + 8!) \times 7) - 6!) - (5! - ((4^3! \times 2) - 1)) \\
 289655 &:= 1 + ((2 - ((3^4 \times 5!) + 6^7)) \times (8 - 9)) &= (((9 + 8!) \times 7) - (6! + 5!)) + 4^3! \times 2 \times 1 \\
 289656 &:= ((1 - 2) + ((3^4 \times 5!) + (6^7 - 8))) + 9 &= 9 + 8! - ((7! + (6^5)) - ((4^3^2) - 1)) \\
 289657 &:= (1 \times 2 + ((3^4 \times 5!) + (6^7 + 8))) - 9 &= ((9 + 8! - 7!) - (6^5 - (4^3^2))) \times 1 \\
 289658 &:= 1 \times 2 - (((3^4 \times 5!) + 6^7) \times (8 - 9)) &= 9 + ((8! - 7!) - (6^5 - ((4^3^2) + 1))) \\
 289659 &:= ((1 + 2^3!) \times ((4! - 5) \times 6)) + (7 \times 8! + 9) &= (9 + 8! \times 7) - ((6 - 5!) \times ((4^3) + (2 - 1))) \\
 289660 &:= 1 + (2 + ((3^4 \times 5!) + (6^7 - 8 + 9))) &= (((9 + 8! \times 7) + (6^5)) - (4 + 3!!/2)) - 1
 \end{aligned}$$

$$\begin{aligned}
 289661 &:= (((1+2)! + 3!) \times 4!) + 5) + ((6 \times 7! + 8) \times 9) &= ((9+8! \times 7) + (6^5)) - (4+3!/2) \times 1 \\
 289662 &:= (1 - ((2^{3!} \times (4-5!)) - 6)) + (7 \times 8! - 9) &= ((9+8!) \times 7) + (((6^5 - 4^{3!}) \times 2) - 1) \\
 289663 &:= (1 + (((2+3!) \times 4!) + 5!)) + (6 \times (7! + 8! + 9)) &= (((9+(8!+7!)) \times 6) + 5!) + ((4! \times (3!+2)) + 1) \\
 289664 &:= (((1+2)!^{3!}) \times 4) + ((5 \times 6 - 7) \times (8!/9)) &= ((9+8!) \times 7) + (((6^5 - 4^{3!}) \times 2) + 1) \\
 289665 &:= (((1 - (2^{3!} \times 4)) \times 5!) + 6^7) + (8! + 9) &= ((9+8! \times 7) + (6^{5!/4!})) - (3!/2 \times 1) \\
 289666 &:= ((1 + (2 \times ((3!+4!) \times 5))) - (6 - (7 \times 8!))) - 9 &= ((9+8! \times 7) + (6^{5!/4!})) - (3!/2 - 1) \\
 289667 &:= (12 + ((3^4 \times 5!) + (6^7 + 8))) - 9 &= ((9+8! \times 7) + (6^5 + ((4-3!)/2))) \times 1 \\
 289668 &:= (1 - ((2^{3!} \times (4-5!)) + (6 - (7 \times 8!)))) + 9 &= ((9+8! \times 7) + (6^5 + (4-3!/2))) - 1 \\
 289669 &:= (12 + ((3^4 \times 5!) + (6^7 - 8))) + 9 &= ((9+8! \times 7) + (6^5 + (4-3!/2))) \times 1 \\
 289670 &:= ((1 + (2 \times (3!+4!))) \times 5) - (6 - (7 \times 8! - 9)) &= ((9+8! \times 7) + (6^5 + (4-3!/2))) + 1 \\
 289671 &:= ((1 \times 2 + 3! \times 4!) \times 5!) + ((6 \times (7! + 8!)) - 9) &= (9+8! \times 7) + (6 \times (((5^4) - 3!) \times 2) - 1) \\
 289672 &:= (1 + ((2+3! \times 4!) \times 5!)) + ((6 \times (7! + 8!)) - 9) &= (((9 - (8-7))^6) - 5!) + (4!^3 \times 2 \times 1) \\
 289673 &:= (1 - (((2-345) \times (6!+7)) - 8!)) - 9 &= (((9 - (8-7))^6) - 5!) + (4!^3 \times 2 + 1) \\
 289674 &:= 1 \times (((2 \times ((3! \times 4! - (5+6!)) \times 7)) + 8!) \times 9) &= (9 \times (8! - 7!) - 6) + (5! \times ((4! - 3!)/(2+1))) \\
 289675 &:= 1 + (((2 \times ((3! \times 4! - (5+6!)) \times 7)) + 8!) \times 9) &= 9 - ((8!/7!) + (((6 \times 5) - 4!^3) \times 21)) \\
 289676 &:= 1 + (2 + ((3^4 \times 5!) + (6^7 + 8 + 9))) &= ((9+8! \times 7) + (6^5)) + (((4! - 3!)/2) - 1) \\
 289677 &:= 1 \times ((2 \times (((3!+4!) \times 5) - 6)) + (7 \times 8! + 9)) &= ((9+8! \times 7) + (6^5)) + ((4! - 3!)/2 \times 1) \\
 289678 &:= (1 + ((2 \times ((3!+4!) \times 5) + 6)) + (7 \times 8! - 9)) &= ((9+8! \times 7) + (6^5)) + (((4! - 3!)/2) + 1) \\
 289679 &:= (((1+2)!/3) \times (4 \times 5! + (6!+7))) + (8-9) &= ((9 \times (8+(7! \times 6))) + 5!) + ((4! \times (3!+2)) - 1) \\
 289680 &:= (1 - ((2^{3!} \times (4-5!)) - (6+7 \times 8!))) + 9 &= ((9 + ((8!/7!)^6) - 5!) + (4!^3 \times 2 - 1) \\
 289681 &:= (1 + (((2+3!) \times 4!) + 5!)) + ((6 \times 7! + 8) \times 9) &= ((9 \times (8+(7! \times 6))) + 5!) + ((4! \times (3!+2)) + 1) \\
 289682 &:= ((1 + (2 \times (3!+4!))) \times 5) + ((6+7 \times 8!) - 9) &= ((9 + ((8!/7!)^6) - 5!) + (4!^3 \times 2 + 1) \\
 289683 &:= (1 \times 2 \times ((3!+4!) \times 5)) - (6 - (7 \times 8! + 9)) &= ((9+8!) \times 7) - (6! - ((5! - (4!+3!))^2 \times 1)) \\
 289684 &:= ((1 + (2 \times ((3!+4!) \times 5))) - (6 - (7 \times 8!))) + 9 &= ((9+8!) \times 7) - (6! - (((5! - (4!+3!))^2) + 1)) \\
 289685 &:= (12 + ((3^4 \times 5!) + (6^7 + 8))) + 9 &= (9 \times (8! - (7! - 6))) - (((5! + (4!^3)) \times 2) + 1) \\
 289686 &:= (((1+2)!/3) \times (4-5!)) + 6) - ((7! - 8!) \times 9) &= (9 \times (8! - (7! - 6))) - ((5! + (4!^3)) \times 2 \times 1) \\
 289687 &:= 1 \times (((2 \times (((3+4)! - 5!)) + 6^7) - 89) &= (9 \times (8! - (7! - 6))) - (((5! + (4!^3)) \times 2) - 1) \\
 289688 &:= ((1 + (2 \times (3!+4!))) \times 5) - (6 - (7 \times 8! + 9)) &= (9 + ((8!+7!) \times 6)) + ((5! \times ((4! \times 3!) + 2)) - 1) \\
 289689 &:= ((1 \times 2 + 3! \times 4!) \times 5!) + ((6 \times (7! + 8!)) + 9) &= 9 + 8! - (((7+6!) \times (5 + ((4! - 3!)/2))) + 1) \\
 289690 &:= (1 + ((2+3! \times 4!) \times 5!)) + ((6 \times (7! + 8!)) + 9) &= (9 + ((8!+7!) \times 6)) + ((5! \times ((4! \times 3!) + 2)) + 1) \\
 289691 &:= (1 - (((2-345) \times (6!+7)) - 8!)) + 9 &= 9 + 8! - (((7+6!) \times (5 + ((4! - 3!)/2))) - 1) \\
 289692 &:= ((1+2) - 3^4) \times (5! - (6 \times (7!/8 + 9))) &= (((9 \times (8-7!))/6) + 5!) \times (4! - (3 \times 21)) \\
 289693 &:= 1 + ((2 - (3! - (4 \times ((5! \times 67) + 8)))) \times 9) &= ((9+8!) \times 7) + ((6! - (5-4!)) \times (3^2 + 1)) \\
 289694 &:= (-1 + ((2 \times ((3!+4!) \times 5)) + (6+7 \times 8!))) + 9 &= (9+8! \times 7 + 6) + ((5 \times ((4!+3!)) \times 2) - 1) \\
 289695 &:= ((1 \times 2 \times ((3!+4!) \times 5)) + (6+7 \times 8!)) + 9 &= (9+8! \times 7 + 6) + (5 \times ((4!+3!)) \times 2 \times 1) \\
 289696 &:= (1 + ((2 \times ((3!+4!) \times 5) + 6)) + (7 \times 8! + 9)) &= (9+8! \times 7 + 6) + ((5 \times ((4!+3!)) \times 2) + 1) \\
 289697 &:= (1 + (2^{3 \times 4})) + ((5 \times 6) \times (7! + 8!/9)) &= (9 \times (8! - (7! + 6))) - (5! + (4!^3 \times 2 + 1)) \\
 289698 &:= 1 \times (2 \times (3! + ((4! \times (5-6!+7!)) + 8! + 9))) &= (9 \times (8! - (7! + 6))) - (5! + (4!^3 \times 2 \times 1))
 \end{aligned}$$

$$\begin{aligned}
 289699 &:= 1 + (2 \times (3!! + ((4! \times (5 - 6! + 7!)) + 8! + 9))) &= (9 \times (8! - (7! + 6))) - ((5! + 4!^3 \times 2) - 1) \\
 289700 &:= ((1 - (2 \times (3!! - 4!))) \times (5!/6)) - ((7! - 8!) \times 9) &= (9 + 8! \times 7 + 6) + (5 \times (((4! + 3!!) \times 2) + 1)) \\
 289701 &:= (((1 + 2)! + 3!!) \times 4!) + ((5 + (6 \times 7! + 8)) \times 9) &= ((9 + 8! \times 7) + (6^5)) - ((4! - 3!)^2 \times 1) \\
 289702 &:= (1 + (2 \times (((3!! + 4!) \times 5) + 6))) + (7 \times 8! + 9) &= ((9 + 8! \times 7) + (6^5)) - (((4! - 3!)^2) - 1) \\
 289703 &:= (((1 \times 2 + 3!) \times 4^5) - (6! - (7 \times 8!))) - 9 &= ((9 \times ((8 + 7!) \times 6)) - 5!) + ((4! \times (3!! - 2)) - 1) \\
 289704 &:= ((1 + ((2 + 3!) \times 4^5)) - (6! - (7 \times 8!))) - 9 &= ((9 \times ((8 + 7!) \times 6)) - 5!) + (4! \times (3!! - (2 \times 1))) \\
 289705 &:= (1 - (((2 - 3!!) \times 4!) + 5!)) + (6 \times ((7! + 8) \times 9)) &= ((9 \times ((8 + 7!) \times 6)) - 5!) + ((4! \times (3!! - 2)) + 1) \\
 289706 &:= 1 - (23 - (4 \times (((5! \times 67) + 8) \times 9))) &= (((9 + 8!) \times 7) + (6^5)) - ((4! + 3!!)/2) - 1 \\
 289707 &:= (1 + 2)! - ((3 - (4 \times ((5! \times 67) + 8))) \times 9) &= (9 + 8! \times 7) + (6 \times (((5^4) - 3) \times 2) - 1) \\
 289708 &:= 1 \times ((2 + ((3 + 4^5) \times 6)) \times ((7 \times 8) - 9)) &= (((9 + 8!) \times 7) + (6^5)) - ((4! + 3!!)/2) + 1 \\
 289709 &:= 1 - (2 + (((3 \times (4^5 + 6)) + 7! - 8!) \times 9)) &= (9 + (8! \times 7 + 6!)) + ((5! + (4!/3!))/(2 + 1)!) \\
 289710 &:= ((1 + 2) \times (3!! + ((4! - 5) \times (6 + 7!)))) - 8 \times 9 &= 9 + (((8! \times 7) - 6!) - (((5 - 4^{3!}) \times 2) + 1)) \\
 289711 &:= (((12 \times (3!! - (4! - 5!))) + 6^7) - 8) - 9 &= 9 + (((8! \times 7) - 6!) - ((5 - 4^{3!}) \times 2 \times 1)) \\
 289712 &:= 1 \times 2 - (((3 \times (4^5 + 6)) + 7! - 8!) \times 9) &= (9 + 8! \times 7) + ((6 \times (((5^4) - 3) \times 2)) - 1) \\
 289713 &:= ((1 + 2^{3!}) \times ((4! - 5) \times 6)) + (7 \times (8! + 9)) &= ((9 + 8! \times 7) + (6^5)) - (4! \times (3! \times 2 + 1)) \\
 289714 &:= 1 \times ((2 - (3!! - (4 \times (5! - 6! + 7!)))) \times (8 + 9)) &= (9 + 8! \times 7) + ((6 \times (((5^4) - 3) \times 2)) + 1) \\
 289715 &:= (((1 + 2)^{3!} \times 4!) + 5) + (6 \times (7! + 8! + 9)) &= ((9 + 8! \times 7) - 6!) - (5 - ((4^{3!} \times 2) - 1)) \\
 289716 &:= (1 + 2)! - (((3 \times (4^5 + 6)) + 7! - 8!) \times 9) &= (((9 + 8! \times 7) - (6! + 5)) + 4^{3!} \times 2) \times 1 \\
 289717 &:= (1 - 2 \times 3!) + (4 \times (((5! \times 67) + 8) \times 9)) &= ((9 + 8! \times 7) - 6!) - (5 - ((4^{3!} \times 2) + 1)) \\
 289718 &:= (1 - (23 \times (4 - ((5! + 6!) \times (7 + 8)))) + 9 &= (((9 + 8!) \times 7) + (6^5)) - (((4 + 3!!)/2) - 1) \\
 289719 &:= ((1 + 2)!^{3!}) + (((4! + (5! + 6 \times 7!)) \times 8) - 9) &= (9 + 8! \times 7) + (6 \times (((5^4) - 3) \times 2) + 1) \\
 289720 &:= (1 + (2 \times (3! \times 4! + 5 \times 6!))) + (7 \times 8! - 9) &= (9 + 8! \times 7) - (6 \times 5! - ((4^{3!} \times 2) - 1)) \\
 289721 &:= 1 \times (((2 + 3!) \times 4^5) - (6! - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6^5 + ((4 - 3!!)/2))) \times 1 \\
 289722 &:= ((1 + ((2 + 3!) \times 4^5)) - (6! - (7 \times 8!))) + 9 &= (9 + 8! \times 7) - (6 \times 5! - ((4^{3!} \times 2) + 1)) \\
 289723 &:= (((1 + 2)^{3!} \times 4!) - 5) + ((6 \times 7! + 8) \times 9) &= (((9 + 8!) \times 7) + (6^5 + 4)) - (3!!/2 \times 1) \\
 289724 &:= (((12 + 3!!) \times 4!) + 5) + ((6 \times (7! + 8!)) - 9) &= (((9 + 8!) \times 7) + (6^5 + 4)) - (3!!/2 - 1) \\
 289725 &:= (1 + 2)!! - (3 + ((4! \times 5! - (6^7/8)) \times 9)) &= ((9 + 8!) \times 7) + (6 \times (((5^4) - 3!) \times 2) - 1) \\
 289726 &:= (((1 + 2)!^{3!} + 45) \times 6) + 7! + 8!/9 &= ((9 + 8! \times 7) - 6!) + (5 + (4^{3!} \times 2 \times 1)) \\
 289727 &:= ((1 - 2) + ((3^4 \times 5!) + 6^7)) + 8 \times 9 &= (9 \times (8! - 7!)) - (6!/5 + (4!^3 \times 2 + 1)) \\
 289728 &:= ((1 + 2)!! + (3! \times (4! \times 5!))) + (6 \times ((7! - 8) \times 9)) &= (9 \times (8! - 7!)) - (6!/5 + (4!^3 \times 2 \times 1)) \\
 289729 &:= 1 \times ((2^{3!} \times (4 + 5! - 6)) + (7 \times (8! - 9))) &= (9 \times (8! - 7!)) - ((6!/5 + 4!^3 \times 2) - 1) \\
 289730 &:= (1 + (2^{3!} \times (4 + 5! - 6))) + (7 \times (8! - 9)) &= (9 + 8! \times 7) - (6! - (((5 + 4^{3!}) \times 2) - 1)) \\
 289731 &:= (1 \times 2 \times (((3!! + 4!) \times 5) - 6)) + (7 \times (8! + 9)) &= (9 + 8! \times 7) - (6! - ((5 + 4^{3!}) \times 2 \times 1)) \\
 289732 &:= (((12 + 3!!) \times 4!) - (5 - (6 \times (7! + 8!)))) + 9 &= (9 + 8! \times 7) - (6! - (((5 + 4^{3!}) \times 2) + 1)) \\
 289733 &:= (((1 + 2)^{3!} \times 4!) + 5) + ((6 \times 7! + 8) \times 9) &= ((9 + (8! + 7!)) \times 6) + ((5! \times ((4! \times 3!) + 2)) - 1) \\
 289734 &:= (1 - ((2^{3!} \times (4 - 5!)) - 6)) + (7 \times (8! + 9)) &= ((9 + (8! + 7!)) \times 6) + (5! \times ((4! \times 3!) + 2 \times 1)) \\
 289735 &:= (1 + ((2 + 3! \times 4!) \times 5!)) + (6 \times (7! + 8! + 9)) &= ((9 + (8! + 7!)) \times 6) + ((5! \times ((4! \times 3!) + 2)) + 1) \\
 289736 &:= ((1 + 2)!^{3+4}) + ((5! \times (6! + (7 + 8)))/9) &= 9 + 8! + (((((7! + 6 + 5!) \times 4!) + 3!!) \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 289737 &:= (1 \times 2 \times ((3!! + 4!) \times 5)) - (6 - (7 \times (8! + 9))) &= 9 + 8! + (((7! + 6 + 5!) \times 4!) + 3!!) \times 2 \times 1 \\
 289738 &:= (1 + (2 \times (3! \times 4! + 5 \times 6!))) + (7 \times 8! + 9) &= 9 + 8! + (((7! + 6 + 5!) \times 4!) + 3!!) \times 2 + 1 \\
 289739 &:= 1 + (((2 - ((3 + 4)!) \times 5) + ((6^7/8) \times 9)) &= (9 + 8! \times 7) + ((6! + 5 + 4!) \times (3^2 + 1)) \\
 289740 &:= ((1 + 2)!)! + ((3! + 4!) \times (5! - (6 - (7! + 8!/9)))) &= ((9 - (8 \times (7 - ((6 + 5!) \times 4!)))) \times 3!) \times 2 \times 1 \\
 289741 &:= ((1 + 2)!! + ((3 + 4)^5)) + (6 \times (7! + 8! + 9)) &= (9 \times (8! - 7!)) - (((65 + (4!^3)) \times 2) + 1) \\
 289742 &:= ((1 + (2 \times (3!! + 4!))) \times 5) - (6 - (7 \times (8! + 9))) &= (9 + 8! \times 7) + (((6 \times (5^4)) - 3) \times 2) - 1 \\
 289743 &:= (((1 + 2) - ((3 + 4)!) \times 5) + ((6^7/8) \times 9)) &= (9 + 8! \times 7) + (((6 \times (5^4)) - 3) \times 2 \times 1) \\
 289744 &:= (1 + ((2 \times 34) \times 5!)) - (6! - (7 \times (8! + 9))) &= (9 + 8! \times 7) + (((6 \times (5^4)) - 3) \times 2) + 1 \\
 289745 &:= (((12 \times 3!^4) + (5^6 + 7!)) \times 8) + 9 &= (9 \times (8! - 7!)) - 6 - (5! + (4!^3 \times 2 + 1)) \\
 289746 &:= (1 + 2)! \times (((3! + 4) \times (5! - 6 \times 7)) + 8! - 9) &= (9 \times (8! - 7!)) - 6 - (5! + (4!^3 \times 2 \times 1)) \\
 289747 &:= 1 + ((2^{3!} + (((45 + 6) \times 7!)/8)) \times 9) &= (9 \times (8! - 7!)) - 6 - ((5! + 4!^3 \times 2) - 1) \\
 289748 &:= 1 + (2 + ((3^4 \times 5!) + (6^7 + 89))) &= 9 - (((8! - ((7! \times 6) + 5^4) \times 3!)) \times 2) + 1 \\
 289749 &:= 1 \times ((2 \times ((3!! + 4!) \times 5)) + (6 + (7 \times (8! + 9)))) &= 9 - ((8! - ((7! \times 6) + 5^4) \times 3!)) \times 2 \times 1 \\
 289750 &:= (1 + ((2 \times ((3!! + 4!) \times 5) + 6)) + (7 \times (8! + 9))) &= 9 - (((8! - ((7! \times 6) + 5^4) \times 3!)) \times 2) - 1 \\
 289751 &:= 1 - (2 - (3!! \times 4! - (5! - (6 \times ((7! + 8) \times 9)))) &= (9 \times (8! - (7 \times 6!))) - (5! + (4!^3 \times 2 + 1)) \\
 289752 &:= ((1 \times 2 + 3! \times 4!) \times 5!) + ((6 \times 7! + 8) \times 9) &= (((9 \times (8 + 7!)) + ((6! - 5) \times 4)) \times 3) \times 2 \times 1 \\
 289753 &:= (1 + ((2 + 3! \times 4!) \times 5!)) + ((6 \times 7! + 8) \times 9) &= (9 \times (8! - (7 \times 6!))) - ((5! + 4!^3 \times 2) - 1) \\
 289754 &:= 1 \times ((2 + 3!! \times 4!) - (5! - (6 \times ((7! + 8) \times 9)))) &= (((9 + 8!) \times 7) + 6) + (5 \times (((4! + 3!!) \times 2) + 1)) \\
 289755 &:= 1 + ((2 + 3!! \times 4!) - (5! - (6 \times ((7! + 8) \times 9)))) &= (((9 + 8!) \times 7) + (6^5)) - ((4! - 3!)^2 \times 1) \\
 289756 &:= (1 + (2 \times (((3!! + 4!) \times 5) + 6))) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + (6^5)) - (((4! - 3!)^2) - 1) \\
 289757 &:= (1 - (2 \times 3!! + 4)) + ((5 \times (6 + 7)) \times (8!/9)) &= ((9 \times (8! - 7!)) + 6) - (5! + (4!^3 \times 2 + 1)) \\
 289758 &:= (1 + 2)! - (3! \times ((4 \times (5 - 6!)) - ((7! + 8) \times 9))) &= ((9 \times (8! - 7!)) + 6) - (5! + (4!^3 \times 2 \times 1)) \\
 289759 &:= ((1 + 2)!! + ((3 + 4)^5)) + ((6 \times 7! + 8) \times 9) &= ((9 \times (8! - 7!)) + 6) - ((5! + 4!^3 \times 2) - 1) \\
 289760 &:= 1 \times ((2 + ((3!! + 4) \times 5)) \times ((6! + 7!)/(8 \times 9))) &= (9 + (8! \times 7 + 6!)) - (5! - (((4!^3)/2) - 1)) \\
 289761 &:= 1 \times ((2 \times ((3 \times 4^5) + 6!)) + (7 \times (8! - 9))) &= ((9 + 8!) \times 7) + (6 \times (((5^4) - 3) \times 2) - 1) \\
 289762 &:= 1 + 2 \times 3!! + ((4^5 \times 6) + (7 \times (8! - 9))) &= (9 + (8! \times 7 + 6!)) - (5! - (((4!^3)/2) + 1)) \\
 289763 &:= 1 - (2 + (3!! + (((4 + (5! \times 67)) - 8!) \times 9))) &= 9 + (((8! - ((7 + 6) \times (5^4))) \times (3^2)) - 1) \\
 289764 &:= ((1 + 2)!)! + (3! \times (4! \times 5! + (6 + ((7! - 8) \times 9)))) &= ((9 + 8!) \times 7) - 6! + (((5 - 4^{3!}) \times 2) + 1) \\
 289765 &:= 1 + (((2 \times (((3 + 4)^5) - (6! - 7))) + 8) \times 9) &= (((9 + 8!) \times 7) - 6!) - ((5 - 4^{3!}) \times 2) \times 1 \\
 289766 &:= 1 \times (2 - (3!! + (((4 + (5! \times 67)) - 8!) \times 9))) &= ((9 + 8!) \times 7) + ((6 \times (((5^4) - 3) \times 2)) - 1) \\
 289767 &:= 1 - (((2 - (3^4 \times 5)) \times (6! + (7 - 8))) - 9) &= (((9 + 8!) \times 7) + (6^5)) - (4! \times (3! \times 2 + 1)) \\
 289768 &:= 1 - (((2 \times (34 - 5^6)) - 7!) \times 8) + 9 &= ((9 + 8!) \times 7) + ((6 \times (((5^4) - 3) \times 2)) + 1) \\
 289769 &:= (1 - 2 \times (3!! - 4)) + ((5 \times (6 + 7)) \times (8!/9)) &= (((9 + 8!) \times 7) - 6!) - (5 - ((4^{3!} \times 2) - 1)) \\
 289770 &:= 1 \times ((2 + (3! \times 4)) \times (5^6 - (7! \times 8/9))) &= (9 \times (8! - 7!)) - ((6! + (5!/4)) \times (3!^2 + 1)) \\
 289771 &:= 1 + ((2 + (3! \times 4)) \times (5^6 - (7! \times 8/9))) &= (((9 + 8!) \times 7) - 6!) - (5 - ((4^{3!} \times 2) + 1)) \\
 289772 &:= (1 + 23 \times 4!) \times (5!/6 + (7 \times 8 \times 9)) &= (9 + 8! \times 7) - (((6 - 5!) \times ((4^3) + 2)) + 1) \\
 289773 &:= (1 + 2)!! - (((3!! \times 4 - 5) - (6^7/8)) \times 9) &= ((9 + 8!) \times 7) + (6 \times (((5^4) - 3) \times 2) + 1) \\
 289774 &:= 1 - ((2 + (3^4 + ((5! \times 67) - 8!))) \times 9) &= (9 + 8! \times 7) - (((6 - 5!) \times ((4^3) + 2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 289775 &:= (((1 \times 2 + 3!) \times 4^5) - 6!) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - (6 \times 5!)) + 4^{3!} \times 2 \times 1 \\
 289776 &:= ((1 + ((2 + 3!) \times 4^5)) - 6!) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) - (6 \times 5! - ((4^{3!} \times 2) + 1)) \\
 289777 &:= 1 + ((2 \times ((3 + 4)!) - 5!) - (6^7 \times (8 - 9))) &= (9 + ((8!/7!) + 6)) \times (((5 \times ((4 + 3)!) / 2) - 1)) \\
 289778 &:= ((1 - 2 \times 3!) \times (4! + (5 - 6!))) + (7 \times (8! - 9)) &= (9 \times (((8 + 7!) \times 6) - 5)) + ((4! \times (3!! - 2)) - 1) \\
 289779 &:= (1 + 2) \times (3!! + (((4! - 5) \times (6 + 7!)) + (8 - 9))) &= 9 + (8! \times 7 + (6 \times (((5^4) + 3) \times 2) - 1)) \\
 289780 &:= 1 - (((2 - 3!) \times 4!) + ((5 - (6 \times (7! + 8))) \times 9)) &= (9 + 8 \times 7!) + ((6! - (5 + 4!)) \times (3!! / 2 + 1)) \\
 289781 &:= (((1 + 2) \times (3!! + ((4! - 5) \times (6 + 7!)))) + 8) - 9 &= (((9 + 8!) \times 7) - 6!) + (5 + ((4^{3!} \times 2) + 1)) \\
 289782 &:= ((1 + 2)!)! + (((3! - 4! \times 5!) + (6^7 / 8)) \times 9) &= (9 \times (8 + (((7!/6!)^5) + (4 - 3!)))) \times 2 \times 1 \\
 289783 &:= ((1 \times 2^{3!}) \times (4 + 5! - 6)) + (7 \times 8! - 9) &= ((9 - (8 - 7))^6) - (((5 - 4!^3) \times 2) - 1) \\
 289784 &:= (1 + (2^{3!} \times (4 + 5! - 6))) + (7 \times 8! - 9) &= (9 + 8! \times 7) + ((6 \times (((5^4) + 3) \times 2)) - 1) \\
 289785 &:= (((1 + 2)^{3!}) \times 4!) + 5! + ((6 \times (7! + 8!)) + 9) &= ((9 + 8!) \times 7) - (6! - ((5 + 4^{3!}) \times 2 \times 1)) \\
 289786 &:= (1 - (((2 \times (34 - 5^6)) - 7!) \times 8)) + 9 &= (9 + 8! \times 7) + ((6 \times (((5^4) + 3) \times 2)) + 1) \\
 289787 &:= ((12 \times 3!!) - (4^5 + 6)) + (7 \times (8! - 9)) &= (9 + (8! + 7)) + ((6! - (5 + 4!)) \times (3!! / 2 + 1)) \\
 289788 &:= (1 + 2)! \times (((3 \times 4!) - 5) \times (6! - (7 - 8))) - 9 &= (((9 - (8 - 7))^6) - 5) + (4!^3 \times 2 + 1) \\
 289789 &:= (-1 \times 2) - ((3^4 + ((5! \times 67) - 8!)) \times 9) &= (9 \times (8! - 7!)) - ((6 + 5) \times (((4 + 3)!) / 2 + 1)) \\
 289790 &:= 1 \times (2 \times (((3!! + ((4! \times (5 + 6!)) - 7)) \times 8) - 9)) &= (9 + ((8!/7!)^6)) - (((5 - 4!^3) \times 2) + 1) \\
 289791 &:= 1 + (2 \times (((3!! + ((4! \times (5 + 6!)) - 7)) \times 8) - 9)) &= (9 + 8! \times 7) + (6 \times (((5^4) + 3) \times 2 + 1)) \\
 289792 &:= (1 + (2 \times (3! \times 4! + 5 \times 6!))) + (7 \times (8! + 9)) &= (9 + ((8!/7!)^6)) - (((5 - 4!^3) \times 2) - 1) \\
 289793 &:= 1 \times 2 + (((3!! \times 4 - 5!) / 6) \times (7! / 8)) - 9 &= ((9 + 8!) \times 7) + ((6! + 5 + 4!) \times (3^2 + 1)) \\
 289794 &:= ((1 + 2) + (((3!! \times 4 - 5!) / 6) \times (7! / 8))) - 9 &= 9 - 8 + (7 \times (((6! \times (5! - 4)) - 3!) / 2) - 1)) \\
 289795 &:= (((12 + 3!!) \times 4!) - 5) + ((6 \times 7! + 8) \times 9) &= ((9 + ((8!/7!)^6)) - 5) + (4!^3 \times 2 - 1) \\
 289796 &:= 1 \times ((23^4) + (5^6 - ((7! / 8) \times 9))) &= ((9 + 8!) \times 7) + (((6 \times (5^4)) - 3) \times 2) - 1) \\
 289797 &:= (1 + 2)! + (((3!! \times 4 - 5!) / 6) \times (7! / 8)) - 9 &= ((9 + ((8!/7!)^6)) - 5) + (4!^3 \times 2 + 1) \\
 289798 &:= 1 \times (2 - (3!! + (4 + (((5! \times 67) - 8!) \times 9)))) &= ((9 + 8!) \times 7) + (((6 \times (5^4)) - 3) \times 2 + 1) \\
 289799 &:= 1 \times ((2 \times (3!! + ((4! \times (5 + 6!)) - 7)) \times 8) - 9) &= (9 \times (8! - (7 \times (6! + 5!)))) - (((4!/3)!) / 2 + 1) \\
 289800 &:= (1 + (2 \times (3!! + ((4! \times (5 + 6!)) - 7)) \times 8)) - 9 &= (9 \times (8! - 7!)) + ((6! + 5!) \times (4 - (3!^2 + 1))) \\
 289801 &:= ((1 + ((2 + 3!!) \times 4!)) - 5!) + (6 \times ((7! + 8) \times 9)) &= (9 \times (8! - (7 \times (6! + 5!)))) - (((4!/3)!) / 2 - 1) \\
 289802 &:= (1 + (2^{3!} \times (4 + 5! - 6))) + (7 \times 8! + 9) &= 9 + 8! + (7 \times (((6! \times (5! - (4! - 3))) / 2) - 1)) \\
 289803 &:= 12 + (((3!! \times 4 - 5!) / 6) \times (7! / 8)) - 9 &= (9 + 8! \times 7) + (6 \times (((5! \times (4! - 3)) / 2) - 1)) \\
 289804 &:= ((12 \times (3!! - 4!)) - 5) - (6! - (7 \times (8! - 9))) &= ((9 + 8!) \times 7! / 6!) + (((5^4) \times 3! \times 2) + 1) \\
 289805 &:= (((12 + 3!!) \times 4!) + 5) + ((6 \times 7! + 8) \times 9) &= (9 + (((8!/7!)^6) + 5)) + (4!^3 \times 2 - 1) \\
 289806 &:= (1 + 2)! \times (3!! \times 4 - (5 + 6 - ((7! + 8) \times 9))) &= (9 + (((8!/7!)^6) + 5)) + (4!^3 \times 2 \times 1) \\
 289807 &:= (((12 \times 3!!) + 4 - 5!) \times (6 \times 7 - 8)) - 9 &= (9 + (((8!/7!)^6) + 5)) + (4!^3 \times 2 + 1) \\
 289808 &:= 1 - (2 - (((3!! \times 4 - 5!) / 6) \times (7! / 8)) + 9) &= ((9 + 8! \times 7) + (6^5)) - ((4! \times (3^2)) + 1) \\
 289809 &:= ((1 + 2)^{3!+4}) + (5 \times (6! + ((7! + 8) \times 9))) &= (9 \times (8! - (7! + 6))) - (((5 + (4!^3)) \times 2) - 1) \\
 289810 &:= (1 + ((2 \times 3!! \times 4!) / 5)) + (6! + (7 \times (8! - 9))) &= ((9 + 8! \times 7) + (6^5)) - ((4! \times (3^2)) - 1) \\
 289811 &:= 1 \times (2 + (((3!! \times 4 - 5!) / 6) \times (7! / 8)) + 9) &= (9 + 8! \times 7) - (6 - (((5 + 4!) \times 3)^2) - 1) \\
 289812 &:= 1 + (2 + (((3!! \times 4 - 5!) / 6) \times (7! / 8)) + 9) &= (9 + ((8!/7!)^6)) + (((5 + (4!^3)) \times 2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 289813 &:= (-1 + (2 + 3)^{\sqrt{4+5}}) - 6 \times (7! - 8!) + 9 &= (9 + 8! \times 7) - (6 - (((5 + 4!) \times 3)^2) + 1) \\
 289814 &:= ((12 \times (3! - 4!)) + 5) - (6! - (7 \times (8! - 9))) &= (9 \times (8! - (7! + 6))) - ((5 + 4!^3 \times 2) - 1) \\
 289815 &:= 1 \times ((2 \times ((3 \times 4^5) + 6!)) + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6!) - (5! - ((4!^3)/2 \times 1)) \\
 289816 &:= (1 + ((2 \times ((3 \times 4^5) + 6!)) + 7 \times 8!)) - 9 &= (((9 + 8!) \times 7) + 6!) - (5! - (((4!^3)/2) + 1)) \\
 289817 &:= 1 \times ((2 \times ((3! + ((4! \times (5 + 6!)) - 7)) \times 8)) + 9) &= (9 \times (8! - (7! + (6!/5!)))) - (4!^3 \times 2 + 1) \\
 289818 &:= (1 + (2 \times ((3! + ((4! \times (5 + 6!)) - 7)) \times 8))) + 9 &= ((9 \times ((8 + 7!) \times 6)) - (5 - (4! \times (3! - 2)))) - 1 \\
 289819 &:= (1 + (2 \times (3!^4 \times (5! - 6)))) - ((7!/8) \times 9) &= (9 \times (8! - (7! + (6!/5!)))) - (4!^3 \times 2 - 1) \\
 289820 &:= (1 - (((2 - 3!) \times 4!) + 5)) + (6 \times ((7! + 8) \times 9)) &= (9 + (8! \times 7 + 6!)) - (((5! - 4!^3)/2) + 1) \\
 289821 &:= (((1 - (2 - 3!)) \times 4) \times 5) + 6^7 - 8!/9 &= ((9 + 8! \times 7) + ((6 + 5^4) \times 3! \times 2)) \times 1 \\
 289822 &:= 1 \times ((2 + (34 \times 5!)) \times (6 - 7 + 8 \times 9)) &= (9 \times (8! - (7! + 6))) + (5 - (4!^3 \times 2 + 1)) \\
 289823 &:= 1 \times (23 \times (4 \times 5! + ((6! - 7) \times (8 + 9)))) &= (9 + 8! \times 7) + ((6 + (((5 + 4!) \times 3)^2)) - 1) \\
 289824 &:= 1 \times 2 \times (((3^4 + 5!) \times (6! - (7 - 8))) - 9) &= (9 \times (8! - (7! + 6))) + (5 - (4!^3 \times 2 - 1)) \\
 289825 &:= 1 + (((2 \times ((3 + 4)!)) - 5!) + 6^7) - 8 \times 9 &= (9 + 8! \times 7) + (6 + (((5 + 4!) \times 3)^2) + 1) \\
 289826 &:= 1 - (2 - (3! \times 4! - ((5 - (6 \times (7! + 8))) \times 9))) &= ((9 + 8!) \times 7) - (((6 - 5!) \times ((4^3) + 2)) + 1) \\
 289827 &:= (((1 + 2)! \times 3!^4) - 5!) - (6 - (7 \times (8! - 9))) &= ((9 \times (8! - (7! + 6))) + ((5 - 4!^3) \times 2)) - 1 \\
 289828 &:= (-1 + 23) \times (4^5 + ((6! + 7!/8) \times 9)) &= ((9 + 8!) \times 7) - (((6 - 5!) \times ((4^3) + 2)) - 1) \\
 289829 &:= 1 \times ((2 + 3! \times 4!) - ((5 - (6 \times (7! + 8))) \times 9)) &= ((9 \times (8! - (7! + 6))) + ((5 - 4!^3) \times 2)) + 1 \\
 289830 &:= 1 + ((2 + 3! \times 4!) - ((5 - (6 \times (7! + 8))) \times 9)) &= (9 + 8! - 7!) - (((6! - 5) \times (4 - 3!/2)) - 1) \\
 289831 &:= (((1 + 2) \times 3! + 4) \times 5!) + 6 \times 7! - 89 &= (((9 + 8!) \times 7) + (6^5)) - ((4! + 3!)/(2 + 1)) \\
 289832 &:= ((1 - 2 \times 3!) \times (4! + (5 - 6!))) + (7 \times 8! - 9) &= 9 - ((8 \times (7! + ((6 - 5!) \times ((4 + 3!)/2)))) + 1) \\
 289833 &:= ((1 + 2)! + 3! \times 4!) - ((5 - (6 \times (7! + 8))) \times 9) &= ((9 + 8!) \times 7) + (6 \times (((5^4) + 3) \times 2) - 1) \\
 289834 &:= (1 + ((2 \times ((3 \times 4^5) + 6!)) + 7 \times 8!)) + 9 &= (((9 \times (8 + 7!)) - (6 - (5! \times 4!))) \times 3!) - 2) \times 1 \\
 289835 &:= (((1 + 2)!^3 \times 4!) - (5 + 6!)) \times ((7 \times 8) + 9) &= (((9 \times (8 + 7!)) - (6 - (5! \times 4!))) \times 3!) - 2) + 1 \\
 289836 &:= (1 + 2) \times (3 \times (4 + (5! + (6! + (7 \times 8!/9)))) &= (((9 \times (8 + 7!)) - (6 - (5! \times 4!))) \times 3) \times 2 \times 1 \\
 289837 &:= ((1 - (2 \times (3! + 4!))) \times (5! + (6 - 7!))) - 89 &= (((9 \times (8 + 7!)) - (6 - (5! \times 4!))) \times 3!) + 2) - 1 \\
 289838 &:= 1 \times 2 + (3! \times (4! \times 5! - (6 - ((7! + 8) \times 9)))) &= (((9 + 8!) \times 7) + (6 \times (((5^4) + 3) \times 2))) - 1 \\
 289839 &:= (1 + 2) + (3! \times (4! \times 5! - (6 - ((7! + 8) \times 9)))) &= (((9 + 8!) \times 7) + (6 \times (((5^4) + 3) \times 2))) \times 1 \\
 289840 &:= 1 \times (((2 \times 3! \times 4!) + 5!) \times 6!) + ((7! - 8!)/9) &= (((9 + 8!) \times 7) + (6 \times (((5^4) + 3) \times 2))) + 1 \\
 289841 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times 6!)) + ((7! - 8!)/9) &= (((9 + 8! \times 7) - (6! - 5!)) + 4^3! \times 2) \times 1 \\
 289842 &:= (1 + 2)! \times (3! \times 4 - (5 - (((6! \times 7) + 8) \times 9))) &= ((9 + 8! \times 7) - 6!) + (5! + ((4^3! \times 2) + 1)) \\
 289843 &:= (((1 + 2)! \times ((3! - 4 + 5) \times 67)) - 8) + 9 &= (9 \times (8! - 7!)) - (((6 \times 5) + 4!^3 \times 2) - 1) \\
 289844 &:= (-12 + (((3 \times 4)^5) + (6! - (7 - 8!)))) - 9 &= (((9 + 8!) \times 7) + 6!) - ((5 - 4!) \times (3!/2 - 1)) \\
 289845 &:= 1 \times (((2 \times (3! - 4)) - (5 - 6!)) \times ((7 + 8) \times 9)) &= ((9 + 8!) \times 7) + (6 \times (((5^4) + 3) \times 2) + 1) \\
 289846 &:= 1 + (((2 \times (3! - 4)) - (5 - 6!)) \times ((7 + 8) \times 9)) &= 9 + (8! \times 7 + (((6! + (5! + 4)) \times (3^2)) + 1)) \\
 289847 &:= 1 - (((2 - (3! \times 4)) \times 5) - (6^7 - 8!/9)) &= (((9 + 8!) \times 7) + (6^5)) + ((4! - 3!)/(2 + 1)) \\
 289848 &:= (((1 + 2)^3! \times 4!) + 5!) + ((6 \times 7! + 8) \times 9) &= 9 + ((8 \times ((7!/6 - (5 - (4! \times 3!)))) \times 2)) - 1) \\
 289849 &:= ((1 + (2 \times (((3 + 4)! - 5!))) + 6^7) + 8 \times 9 &= (9 - 8) \times (7^6 - (5! \times (4 - (3! \times 2 - 1)))) \\
 289850 &:= 1 - (((2 \times ((3! + 4!) - 5^6)) - 7!) \times 8) - 9 &= (9 + 8! \times 7) + ((6! - (5 + 4!)) \times ((3! \times 2) - 1))
 \end{aligned}$$

$$\begin{aligned}
 289851 &:= (1 \times 2 - 3^4) \times (5! - (((6 \times 7!)/8) + 9)) &= (9 \times (((8 + 7!) \times 6) - 5)) + (4! \times (3!! + (2 - 1))) \\
 289852 &:= (1 + (2^{3!} \times 4! \times 5)) - (6 - (7 \times (8! - 9))) &= 9 + (8 + (((7!/6 + 5) \times ((4 + 3)^{2+1}))) \\
 289853 &:= ((12 \times 3!!) - (4^5 - 6)) + (7 \times 8! - 9) &= ((9 \times ((8 + 7!) \times 6)) + 5) + (4! \times (3!! - (2 - 1))) \\
 289854 &:= ((1 - (2 \times (3! + 4!))) \times (5! + (6 - 7!))) - 8 \times 9 &= (9 \times ((8 + 7!) \times 6)) + (((5! \times 4!) - 3) \times (2 + 1)!) \\
 289855 &:= ((1 \times 2^{3!}) \times (4 + 5! - 6)) + (7 \times (8! + 9)) &= (9 \times (8! - 7!)) - (6 + (((5 + (4!^3)) \times 2) + 1)) \\
 289856 &:= ((1 + 2^{3!} \times 4!) \times 5) - (6 - (7 \times (8! - 9))) &= ((9 \times (8! - 7!) - 6) - ((5 + (4!^3)) \times 2)) \times 1 \\
 289857 &:= ((1 + 2)! \times 3!!) + ((4 \times (5! + 6!)) + (7 \times (8! - 9))) &= (9 \times (8! - 7!)) - ((6 + ((5 + (4!^3)) \times 2)) - 1) \\
 289858 &:= (1 - ((2 - 3 \times 4!) \times 5!)) - (6! - (7 \times (8! - 9))) &= (9 + (8 \times (7!/6 - (5 - (4! \times 3!)))) \times 2 \times 1 \\
 289859 &:= 1 + (((2 + (3!! \times (4 \times 5))) + 6^7) - 8!/9) &= (9 \times (8! - 7!)) - (((6!/5!) + (4!^3)) \times 2) + 1 \\
 289860 &:= 1 \times 2 \times (((3^4 + 5!) \times (6! - (7 - 8))) + 9) &= (9 \times (8! - 7!) - 6) - (5 + (4!^3 \times 2 + 1)) \\
 289861 &:= 1 \times (((2 - (3 \times (4 - 5!))) \times (6! - 7)) + 8! - 9) &= ((9 \times (8! - (7 \times 6!))) - ((5 + (4!^3)) \times 2)) - 1 \\
 289862 &:= 1 + (((2 - (3 \times (4 - 5!))) \times (6! - 7)) + 8! - 9) &= (((9 + 8!) \times 7) + (6^5)) - ((4! \times (3^2)) + 1) \\
 289863 &:= (1 - (2 \times (3 - 4!))) \times ((5 \times (6! + 7!/8)) - 9) &= ((9 \times (8! - (7 \times 6!))) - ((5 + (4!^3)) \times 2)) + 1 \\
 289864 &:= (1 + ((2 \times 3!! \times 4!)/5)) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6^5)) - ((4! \times (3^2)) - 1) \\
 289865 &:= (1 \times 2 + (((3 \times 4)^5) + 6!)) + (7! \times 8 - 9) &= (9 \times (8! - 7!)) - ((6!/5!) + (4!^3 \times 2 + 1)) \\
 289866 &:= 1 \times (((2 + 3!! \times 4) \times 5) + 6^7) - 8!/9 &= ((9 \times (8! - (7 \times 6!))) - 5) - (4!^3 \times 2 + 1) \\
 289867 &:= 1 + (((2 + 3!! \times 4) \times 5) + 6^7) - 8!/9 &= (9 \times (8! - 7!)) + (6 - (((5 + (4!^3)) \times 2) + 1)) \\
 289868 &:= (((1 + 2^{3!} \times 4!) \times 5) + 6) + (7 \times (8! - 9)) &= (9 \times (8! - (7 \times 6!))) - ((5 + 4!^3 \times 2) - 1) \\
 289869 &:= 1 \times ((2 + 3!! \times 4!) - (5 - (6 \times ((7! + 8) \times 9)))) &= (9 \times (8! - 7!)) + (6 - (((5 + (4!^3)) \times 2) - 1)) \\
 289870 &:= (1 - ((2 - 3!!) \times 4!)) + ((5 + (6 \times (7! + 8))) \times 9) &= (9 \times (8! - 7!) - 6) + (5 - (4!^3 \times 2 + 1)) \\
 289871 &:= (((1 + 2) + 3!! \times 4) \times 5) + 6^7 - 8!/9 &= ((9 + 8!) \times 7!/6!) + (((5 + 4!) \times 3)^2) - 1) \\
 289872 &:= (1 \times 2 + (((3 \times 4)^5) + (6! + 7))) + (8! - 9) &= (9 \times (8! - 7!) - 6) + (5 - (4!^3 \times 2 - 1)) \\
 289873 &:= (1 \times 2^{3 \times 4}) + (5 \times 6! + (7 \times (8! - 9))) &= ((9 + 8!) \times 7!/6!) + (((5 + 4!) \times 3)^2) + 1) \\
 289874 &:= (1 + ((2^{3 \times 4}) + 5 \times 6!)) + (7 \times (8! - 9)) &= ((9 \times (8! - 7!)) + 6) - ((5 + 4!^3 \times 2) - 1) \\
 289875 &:= 1 \times (((2 + 3!!) \times 4!) - ((5 - (6 \times (7! + 8))) \times 9)) &= (9 \times (8! - 7!)) - (6 - (((5 - 4!^3) \times 2) - 1)) \\
 289876 &:= (1 + ((2 + 3!!) \times 4!)) - ((5 - (6 \times (7! + 8))) \times 9) &= (9 \times (8! - (7 \times 6!))) + (5 - (4!^3 \times 2 + 1)) \\
 289877 &:= 1 + (2 + (((3 \times 4)^5) + (6! - (7 - 8! - 9)))) &= (9 \times (8! - 7!)) - (6 - (((5 - 4!^3) \times 2) + 1)) \\
 289878 &:= ((1 + 2)! + 3!!) - ((4^5 - 6! \times 7) \times 8 \times 9) &= ((9 \times (8! - (7 \times 6!))) + 5) - (4!^3 \times 2 - 1) \\
 289879 &:= (1 \times 2 + 3!! \times 4!) + (5 + (6 \times ((7! + 8) \times 9))) &= (9 \times (8! - 7!)) + ((6!/5!) - (4!^3 \times 2 - 1)) \\
 289880 &:= 1 \times (((2 + 3!)! + (4! \times (5^6 - 7!))) - 8!/9) &= (9 + (8! \times 7 + (6 \times 5!))) + (((4!^3)/2) - 1) \\
 289881 &:= 1 + (((2 + 3!)! + (4! \times (5^6 - 7!))) - 8!/9) &= (9 \times (8! - (7 \times 6!))) + (((5 - 4!^3) \times 2) - 1) \\
 289882 &:= (1 + ((2 \times 3!! \times 4!)/5)) + (6! + (7 \times 8! + 9)) &= ((9 \times (8! - 7!)) + 6) + (5 - (4!^3 \times 2 + 1)) \\
 289883 &:= (1 \times 2 + (((3 \times 4)^5) + 6!)) + (7! \times 8 + 9) &= ((9 \times (8! - 7!)) + 6) + (5 - (4!^3 \times 2 \times 1)) \\
 289884 &:= (1 + 2)! \times (3!! + (4! - (5 \times (6 - (7! + 8!/9)))) &= ((9 \times (8! - 7!)) + 6) + (5 - (4!^3 \times 2 - 1)) \\
 289885 &:= 1 + (2 \times (((3!! - 4!) \times 5) + (6 + 7!)) \times (8 + 9)) &= (9 + (8! \times 7 + 6!)) + ((5 + ((4!^3)/2)) - 1) \\
 289886 &:= (((1 + 2)! + 3!! \times 4) \times 5) + 6^7 - 8!/9 &= 9 - (8 - (((7 - (6! + 5!)) \times ((4! - 3!)/2)) + 1)) \\
 289887 &:= 1 - (2 - (((3 \times 4)^5) + (6! + (7 + 8! + 9)))) &= (9 \times (8! - 7!)) + ((6 + ((5 - 4!^3) \times 2)) - 1) \\
 289888 &:= ((1 - 2 \times 3!) \times (4! - (5 + 6!))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + (6^5)) - ((4! \times (3! + 2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 289889 &:= (1 + (2 \times ((3!^4 \times (5! - 6)) - 7!))) + 8!/9 &= (9 \times (8! - 7!)) + (6 + (((5 - 4!^3) \times 2) + 1)) \\
 289890 &:= (1 \times 2 + (((3 \times 4)^5) + (6! + 7 + 8!))) + 9 &= 9 + 8 - (7! - ((6!/5 \times (4^3!/2)) + 1)) \\
 289891 &:= ((1 + 2) + (((3 \times 4)^5) + (6! + 7 + 8!))) + 9 &= ((9 \times ((8 + 7!) \times 6)) - 5) + (4! \times (3!! + (2 - 1))) \\
 289892 &:= 1 \times (2 + (3!! + (((45 + 6) \times 7!/8) \times 9))) &= 9 - ((8 - (7!/6 - (5 + 4!))) \times (3!!/2 + 1)) \\
 289893 &:= (((1 + 2)! \times 3!^4) - 5!) + ((6 + 7 \times 8!) - 9) &= (9 \times (((8 + 7!) \times 6) + 5)) + (4! \times (3!! - (2 - 1))) \\
 289894 &:= ((1 + 2)! + (((3 \times 4)^5) + 6!)) + (7 + 8! + 9) &= (((9 + 8!) \times 7) - 6!) + ((5! + 4^3! \times 2) - 1) \\
 289895 &:= 1 \times (((2 \times ((3 + 4)!)) - 5!) + (6^7 + (8 - 9))) &= (((9 + 8!) \times 7) - 6!) + (5! + (4^3! \times 2 \times 1)) \\
 289896 &:= (((1 \times 2 + 3!!) \times (4 \times 5)) + 6^7) - 8!/9 &= (((9 + 8!) \times 7) - 6!) + (5! + ((4^3! \times 2) + 1)) \\
 289897 &:= ((1 + ((2 + 3!!) \times (4 \times 5))) + 6^7) - 8!/9 &= 98 + ((7 \times (((6! \times (5! - 4)) - 3!!)/2)) - 1) \\
 289898 &:= 1 - (((2 \times ((3 + 4!) - 5^6)) - 7!) \times 8) - 9 &= ((9 + 8!) \times 7) + (6! + ((5^4) \times ((3! \times 2) - 1))) \\
 289899 &:= (((1 + 2) + 3!!) \times 4!) - ((5 - (6 \times (7! + 8))) \times 9) &= (((9 + 8!) \times 7) + (6^5)) - ((4! + 3!) \times (2 + 1)!) \\
 289900 &:= (1 + 2^3!) \times (4 - (((5 + 6 - 7)! - 8!/9)) &= ((9 + 8!) \times 7) + (((6! + (5! + 4)) \times (3^2)) + 1) \\
 289901 &:= (((1 + ((2 + 3!!) \times 4)) \times 5) + 6^7) - 8!/9 &= (9 \times (8! - 7!)) + ((6 \times 5) - (4!^3 \times 2 + 1)) \\
 289902 &:= (1 + 2)! \times ((3!! \times 4) + (5 + (((6! \times 7) + 8) \times 9))) &= ((9 \times (8! - 7!)) + (6 \times 5)) - (4!^3 \times 2 \times 1) \\
 289903 &:= 1 - ((2 + 3!^4) - ((5 \times (6 + 7)) \times (8!/9))) &= (9 \times (8! - 7!)) + ((6 \times 5) - (4!^3 \times 2 - 1)) \\
 289904 &:= ((1 - 2 \times 3!) \times (4! + (5 - 6!))) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + ((6! - (5 + 4!)) \times ((3! \times 2) - 1)) \\
 289905 &:= ((1 \times 2^3!) \times 4! \times 5) - (6 - (7 \times 8! - 9)) &= (((9 \times (8 + 7!)) + (6 + (5! \times 4!))) \times 3! - 2) - 1 \\
 289906 &:= (1 + (2^3! \times 4! \times 5)) - (6 - (7 \times 8! - 9)) &= (((9 \times (8 + 7!)) + (6 + (5! \times 4!))) \times 3! - 2) \times 1 \\
 289907 &:= 1 - (2 - (3! \times (4! \times 5! + (6 + ((7! + 8) \times 9)))) &= (((9 \times (8 + 7!)) + (6 + (5! \times 4!))) \times 3! - 2) + 1 \\
 289908 &:= 1 \times 2 \times (3 \times (4! \times 5! + (6 + ((7! + 8) \times 9)))) &= (9 \times ((8^{(7-6) \times 5} + 4)) - ((3! + (2 - 1)))!) \\
 289909 &:= 1 \times (((2 + 3!!) - 4!) \times (5 + 6)) + 7 \times 8! - 9 &= ((9 + 8!) \times 7) + (6^5 + 4) - (3!!/(2 + 1)!) \\
 289910 &:= 1 \times (2 + (3! \times (4! \times 5! + (6 + ((7! + 8) \times 9)))) &= (((9 \times (8 + 7!)) + (6 + (5! \times 4!))) \times 3!) + (2 \times 1) \\
 289911 &:= 1 + (2 + (3! \times (4! \times 5! + (6 + ((7! + 8) \times 9)))) &= (((9 - (8 - 7)) ^ 6) + 5!) + (4!^3 \times 2 - 1) \\
 289912 &:= (1 - ((2 - 3 \times 4!) \times 5!)) - (6! - (7 \times 8! - 9)) &= 9 + ((8 \times (((7! + (6! \times (5! + 4!)))/3) - 2)) - 1) \\
 289913 &:= 1 \times (((2 \times ((3 + 4)!)) - 5!) + (6^7 + 8 + 9)) &= (((9 - (8 - 7)) ^ 6) + 5!) + (4!^3 \times 2 + 1) \\
 289914 &:= (1 + 2)! + (3! \times (4! \times 5! + (6 + ((7! + 8) \times 9)))) &= ((9 \times ((8 + 7!) \times 6)) - 5) + ((4! \times (3!! + 2)) - 1) \\
 289915 &:= 1 \times (((2 + 3!!) \times 4!) - (5 - (6 \times ((7! + 8) \times 9)))) &= (9 \times (8! - (7! - 6))) - (((5 + (4!^3)) \times 2) + 1) \\
 289916 &:= ((1 + ((2 + 3!!) \times 4!)) - 5) + (6 \times ((7! + 8) \times 9)) &= (9 \times (8! - (7 \times 6! - 5))) - (4!^3 \times 2 + 1) \\
 289917 &:= ((1 \times 2^3!) \times 4! \times 5) + ((6 + 7 \times 8!) - 9) &= (9 \times (8! - (7! - 6))) - (((5 + (4!^3)) \times 2) - 1) \\
 289918 &:= (1 + ((2^3! \times 4! \times 5) + 6)) + (7 \times 8! - 9) &= (9 \times (8! - (7 \times 6! - 5))) - (4!^3 \times 2 - 1) \\
 289919 &:= (((1 + 2^3!) \times (4 + 5! - 6)) + 7 \times 8!) + 9 &= (9 \times ((8 + 7!) \times (6!/5!))) + ((4! \times (3!! + 2)) - 1) \\
 289920 &:= (1 \times 2 \times (3!! + (4! \times (5 + 6!)))) \times (7 - 8 + 9) &= (9 \times (8! - (7! - 6))) - (5 + (4!^3 \times 2 + 1)) \\
 289921 &:= (((1 + 2) \times 3!! + 4) \times 5!) + 6 \times 7! - (8 - 9) &= (9 \times ((8 + 7!) \times (6!/5!))) + ((4! \times (3!! + 2)) + 1) \\
 289922 &:= (((1 + 2^3! \times 4!) \times 5) + 6) + (7 \times 8! - 9) &= 9 - (((8 - (7! \times 6/5)) \times 4!) + 3) \times 2 + 1) \\
 289923 &:= ((1 \times 2^3!) \times 4! \times 5) - (6 - (7 \times 8! + 9)) &= 9 - (((8 - (7! \times 6/5)) \times 4!) + 3) \times 2 \times 1) \\
 289924 &:= (1 + (2^3! \times 4! \times 5)) - (6 - (7 \times 8! + 9)) &= 9 - (((8 - (7! \times 6/5)) \times 4!) + 3) \times 2 - 1) \\
 289925 &:= (((1 - (2 \times (3! + 4!))) \times (5! + (6 - 7!))) + 8) - 9 &= (9 \times (8! - (7! - 6!/5!))) - (4!^3 \times 2 + 1) \\
 289926 &:= (1 - 2^3!) \times (4 - (5! + (6 + (7! \times 8/9)))) &= ((9 \times ((8 + 7!) \times 6)) + 5) + ((4! \times (3!! + 2)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 289927 &:= (1 \times 2^{3 \times 4}) + (5 \times 6! + 7 \times 8! - 9) &= (9 \times (8! - (7! - 6!/5!))) - (4!^3 \times 2 - 1) \\
 289928 &:= 1 - (((2 \times ((3! \times 4) - 5^6)) - 7!) \times 8) + 9 &= ((9 + 8! \times 7) - 6!) + ((5! \times ((4! \times 3) - 2)) - 1) \\
 289929 &:= ((1 + 2)! \times 3!) + ((4 \times (5! + 6!)) + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) - (5 - (((4!^3)/2) - 1)) \\
 289930 &:= (1 - ((2 - 3 \times 4!) \times 5!)) - (6! - (7 \times 8! + 9)) &= (9 \times (8! - (7! - 6!))) + (5 - (4!^3 \times 2 + 1)) \\
 289931 &:= (((1 - 2 \times 3!) \times (4 \times 5 - 6!)) + 7 \times 8!) - 9 &= (((9 + 8!) \times 7) + 6!) - (5 - (((4!^3)/2) + 1)) \\
 289932 &:= ((1 + (2 \times 3!^4)) \times (5! - 6)) - ((7!/8) \times 9) &= (9 \times (8! - (7! - 6!))) + (5 - (4!^3 \times 2 - 1)) \\
 289933 &:= (((1 + 2)! \times 3!^4) - (5!/6)) + (7 \times (8! - 9)) &= ((9 + 8! \times 7) + (6^5)) - (4 \times ((3! - 2)! - 1)) \\
 289934 &:= ((1 + ((2 + 3!)!/4!)) \times 5) - (6! - (7 \times 8! + 9)) &= 9 - (((((8 - (7! \times 6/5)) \times 4!) - 3) \times 2) + 1) \\
 289935 &:= ((1 - ((2 \times ((3! \times 4) - 5^6)) - 7!)) \times 8) - 9 &= (9 \times (8! - (7! - 6!))) + (((5 - 4!^3) \times 2) - 1) \\
 289936 &:= 1 \times ((2 \times (3! \times 4 - 5!)) + (6^7 + 8!/9)) &= 9 - (((((8 - (7! \times 6/5)) \times 4!) - 3) \times 2) - 1) \\
 289937 &:= 1 + ((2 \times (3! \times 4 - 5!)) + (6^7 + 8!/9)) &= (9 \times (8! - (7! - 6!))) + (((5 - 4!^3) \times 2) + 1) \\
 289938 &:= (1 - 2 \times 3!) \times (4 \times 5! + (6 \times (7 - 8!/9))) &= (9 \times (8! - (7! + 6!))) + (5! - (4!^3 \times 2 \times 1)) \\
 289939 &:= (((1 + 2) + 3!) \times 4!) - 5) + (6 \times ((7! + 8) \times 9)) &= (((9 + 8!) \times 7) + 6!) + ((5 + ((4!^3)/2)) - 1) \\
 289940 &:= (((1 + 2^{3!} \times 4!) \times 5) + (6 + 7 \times 8!)) + 9 &= (9 + (8! \times 7 + 6!)) + (((5! + (4!^3))/2) - 1) \\
 289941 &:= (((1 + 2)! \times (3!^4 - (5 + 6))) + 7 \times 8!) - 9 &= (((9 + 8!) \times 7) + 6!) + (5 + (((4!^3)/2) + 1)) \\
 289942 &:= (((1 - 2 \times 3!) \times (4! - (5 + 6!))) + 7 \times 8!) - 9 &= ((9 \times ((8 \times (7! + (6! - 5))) - 4!^3)) - 2) \times 1 \\
 289943 &:= (((1 - (2 \times (3! + 4!))) \times (5! + (6 - 7!))) + 8) + 9 &= ((9 \times ((8 \times (7! + (6! - 5))) - 4!^3)) - 2) + 1 \\
 289944 &:= (((1 + 2)!! - 3!) \times 4!) + ((5! + (6 \times (7! - 8))) \times 9) &= (9 \times ((8! - 7) - 6^5)) - ((4 \times (3! + 2)) + 1) \\
 289945 &:= (1 - (((2 - 3!) \times 4!) - 5!)) + (6 \times ((7! + 8) \times 9)) &= (9 \times (((8!/7 + 6!) \times 5) - 4!)) - (3! \times 2 - 1) \\
 289946 &:= 1 - (((2 \times ((3! \times 4) - 5^6)) - 7!) \times 8) - 9 &= (9 \times ((8! - 7) - 6^5)) - ((4 \times (3! + 2)) - 1) \\
 289947 &:= 1 \times (((2 - (3 - 4))!^5) - (6 - (7 \times (8! - 9)))) &= (9 + (8! \times 7 + (6! \times 5))) + (4^{3!} + 2 \times 1) \\
 289948 &:= ((1 + (((2 - (3 - 4))!^5)) - 6) + (7 \times (8! - 9))) &= (9 + 8! \times 7) + (6! \times 5 + (4^{3!} + (2 + 1))) \\
 289949 &:= (1 - 2 \times 3!) \times (((4^5 + 6! - 7!) \times 8) + 9) &= (9 + 8! \times 7) + ((6! - 5 \times 4) \times ((3! \times 2) - 1)) \\
 289950 &:= (1 + (2 \times ((3 + 4)!)) + ((5 + 6^7) - 8 \times 9)) &= (9 - (((8 - (7! \times 6/5)) \times 4!) - 3!)) \times 2 \times 1 \\
 289951 &:= ((12 \times (3! - (4 - 5!))) + 6^7) - (8 + 9) &= ((9 + 8! \times 7) + (6^5)) - ((4! \times 3) + 2 \times 1) \\
 289952 &:= 1 - (2 - ((3!^{4-5+6}) + (7 \times (8! - 9)))) &= ((9 + 8! \times 7) + (6^5)) - ((4! \times 3) + (2 - 1)) \\
 289953 &:= ((1 - ((2 \times ((3! \times 4) - 5^6)) - 7!)) \times 8) + 9 &= (((9 - 8!) \times 7) - 6^5) \times ((4 - (3 + 2)) \times 1) \\
 289954 &:= 1 - (2 - ((3^4 \times (5 \times (6! + 7))) - 8!/9)) &= ((9 + 8! \times 7) + (6^5)) - ((4! \times 3) - (2 - 1)) \\
 289955 &:= (1 \times 2 + (3!^{4-5+6})) + (7 \times (8! - 9)) &= 9 \times 8 + (((7 - (6! + 5!)) \times ((4! - 3!)/2)) - 1) \\
 289956 &:= (1 + 2)! \times (3! - (4! - (5 \times (6 + (7! + 8!/9)))) &= 9 \times 8 + ((7 - (6! + 5!)) \times ((4! - 3!)/2 \times 1)) \\
 289957 &:= 1 \times ((2 + (3^4 \times (5 \times (6! + 7)))) - 8!/9) &= 9 \times 8 + (((7 - (6! + 5!)) \times ((4! - 3!)/2)) + 1) \\
 289958 &:= 1 + ((2 + (3^4 \times (5 \times (6! + 7)))) - 8!/9) &= ((9 + 8!) \times 7) - (((6 + 5) \times (4! - 3!)) + (2 - 1)) \\
 289959 &:= (((1 + 2) \times 3! + 4) \times 5!) + ((6 \times (7! + 8)) - 9) &= ((9 + 8! \times 7) + (6^5)) - ((4! \times 3) - (2 + 1)!) \\
 289960 &:= (((1 - 2 \times 3!) \times (4! - (5 + 6!))) + 7 \times 8!) + 9 &= (9 + 8! \times 7) - (6! - (((5! + 4^{3!}) \times 2) - 1)) \\
 289961 &:= (1 + 2)! + ((3^4 \times (5 \times (6! + 7))) - 8!/9) &= (9 + 8! \times 7) - (6! - ((5! + 4^{3!}) \times 2 \times 1)) \\
 289962 &:= ((1 + 2) + ((3! - 4!) \times (5 + 6))) + (7 \times (8! + 9)) &= (9 + 8! \times 7) - (6! - (((5! + 4^{3!}) \times 2) + 1)) \\
 289963 &:= -1 + (2 - (3! \times (4! - ((5! \times 67) + 8! - 9)))) &= (9 \times (8! - 7!)) - (((6 + ((5! \times 4)/3))^2) + 1) \\
 289964 &:= (((1 + 2)! \times 3!^4) + 5) + (6 + (7 \times (8! - 9))) &= (((9 + 8! \times 7) + (6^5)) - 4!) - (3!^2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 289965 &:= 1 \times (((2 + 3!) \times 4!) + ((5 + (6 \times (7! + 8))) \times 9)) &= (9 \times (8! - 7!)) - (((6 + ((5! \times 4)/3))^2) - 1) \\
 289966 &:= (1 + ((2 + 3!) \times 4!)) + ((5 + (6 \times (7! + 8))) \times 9) &= (((9 + 8! \times 7) + (6^5)) - 4!) - (3!^2 - 1) \\
 289967 &:= 1 \times (((2 \times (3!! + (4! \times (5 + 6!)))) + 7) \times 8) - 9 &= 9 + ((8! \times 7 + (6^5)) - ((4^3) - (2 + 1)!)) \\
 289968 &:= 1 + (((2 \times (3!! + (4! \times (5 + 6!)))) + 7) \times 8) - 9 &= (9 - 8) \times (7^6 - ((5! \times (4 - 3!! \times 2)) + 1)) \\
 289969 &:= 1 \times (2 - (((3 \times 4!) - 5) \times (6! - 7! - 8)) + 9) &= 9 - (((8 \times 7) - 6! + 5) \times (((4! - 3!)^2) - 1)) \\
 289970 &:= 1 + (2 - (((3 \times 4!) - 5) \times (6! - 7! - 8)) + 9) &= ((9 - 8) + (7^6)) + (5! \times (4 \times (3!!/2 - 1))) \\
 289971 &:= ((1 + 2^{3!}) \times 4! \times 5) - (6 - (7 \times (8! - 9))) &= (9 \times (((8! - 7!)/6!) + (5! \times 4!))) \times ((3! \times 2) - 1) \\
 289972 &:= 1 - (((2 - 3) - (4 \times 5!)) \times 67) + 8 \times 9 &= 9 + ((8! \times 7 + (6^5)) - ((4! + 3) \times 2 - 1)) \\
 289973 &:= ((1 + 2^{3!}) \times (4 + 5! - 6)) + (7 \times (8! + 9)) &= ((9 + 8! \times 7) + (6^5)) - (4 \times (3! \times 2 + 1)) \\
 289974 &:= ((1 + 2)!) + (3!!/4) \times ((5! \times (6 + 7)) + (8 - 9)) &= ((9 + (8! + 7!)) \times 6) + ((5! \times 4) \times (3!^2 + 1)) \\
 289975 &:= 1 \times (((2 \times ((3 - 4!) + 5^6)) + 7!) \times 8) - 9 &= ((9 + 8!) \times 7) - (6 - ((5! \times (4^3)) - (2 \times 1))) \\
 289976 &:= 1 + (((2 \times ((3 - 4!) + 5^6)) + 7!) \times 8) - 9 &= (((9 + 8! \times 7) + (6^5)) - 4!) - ((3! - 2)! + 1) \\
 289977 &:= ((1 \times 2^{3!}) \times 4! \times 5) - (6 - (7 \times (8! + 9))) &= (9 \times ((8! - 7) - 6^5)) - (4 \times (3!! - (2 + 1)!)) \\
 289978 &:= (1 + (((2 \times 3!! - 4!) \times 5) + 6!)) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + 6!) - (5 \times (((4! - 3!!) \times 2) + 1)) \\
 289979 &:= 1 \times (2 + (((3!^4 - 5) \times 6) + 7 \times 8! - 9)) &= (9 \times (8! - (7! + ((6! + 5) \times 4)))) - (3!! \times 2 + 1) \\
 289980 &:= 1 + (2 + (((3!^4 - 5) \times 6) + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (6^5)) - (((4 + 3!)^2) - 1) \\
 289981 &:= (1 - 2 \times 3!!) - (((4 \times (5 + 6!)) + 7! - 8!) \times 9) &= (9 \times (8! - (7! + ((6! + 5) \times 4)))) - (3!! \times 2 - 1) \\
 289982 &:= 1 - (2 - (((3!^4 + 5) \times 6) + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6!) + ((5! \times ((4! \times 3) - 2)) - 1) \\
 289983 &:= ((1 + 2^{3!}) \times 4! \times 5) + (6 + (7 \times (8! - 9))) &= (9 - ((8 + 7! - 6!) \times (5 - (4! \times 3)))) - 2 \times 1 \\
 289984 &:= (1 - ((2 - (3!^4 - 5)) \times 6)) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) - 6!) + ((5! \times ((4! \times 3) - 2)) + 1) \\
 289985 &:= 1 - (2^{3!} \times (4! + (5 - ((6! + 7! \times 8)/9)))) &= (9 \times (8! - 7!) - 6) + (5! - (4!^3 \times 2 + 1)) \\
 289986 &:= (1 + 2)!! - (3! \times ((4 \times (5 - 6!)) - (7! + 8! - 9))) &= (((9 + 8! \times 7) + (6^5)) - 4) - (3!^2 - 1) \\
 289987 &:= 1 \times (2 - (((3 \times 4!) - 5) \times (6! - 7! - 8)) - 9) &= (9 \times (8! - 7!) - 6) + (5! - (4!^3 \times 2 - 1)) \\
 289988 &:= 1 + (2 - (((3 \times 4!) - 5) \times (6! - 7! - 8)) - 9) &= (((9 + 8!) \times 7) + 6!) - (5 \times (((4! - 3!!) \times 2) - 1)) \\
 289989 &:= ((1 \times 2^{3!}) \times 4! \times 5) + (6 + (7 \times (8! + 9))) &= ((9 \times ((8 + 7!) \times 6)) + (5! + ((4! \times 3!!) - 2))) - 1 \\
 289990 &:= (1 + (((2 + 3!^4) - 5) \times 6)) + (7 \times 8! - 9) &= ((9 \times ((8 + 7!) \times 6)) + (5! + ((4! \times 3!!) - 2))) \times 1 \\
 289991 &:= 1 - (2 - (3!! \times 4! + (5! + (6 \times ((7! + 8) \times 9)))) &= 9 + ((8! \times 7 + (6^5)) - (4! + (3^2 + 1))) \\
 289992 &:= 1 \times 2 \times (3 \times ((4 \times (5 + 6!)) + ((7! + 8) \times 9))) &= ((9 + 8! \times 7) + (6^5 + 4)) - (3!^2 + 1) \\
 289993 &:= 1 \times (((2 \times ((3 - 4!) + 5^6)) + 7!) \times 8) + 9 &= (9 \times (8! - (7 \times 6!))) + (5! - (4!^3 \times 2 - 1)) \\
 289994 &:= 1 + (((2 \times ((3 - 4!) + 5^6)) + 7!) \times 8) + 9 &= (((9 + 8!) \times 7) + 6!) + (((5! + (4!^3))/2) - 1) \\
 289995 &:= ((1 + 2) + (3!! \times 4! + 5!)) + (6 \times ((7! + 8) \times 9)) &= (((9 + 8!) \times 7) + 6!) + ((5! + (4!^3))/2 \times 1) \\
 289996 &:= (1 + ((2 + (3!^4 + 5)) \times 6)) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + 6!) + (((5! + (4!^3))/2) + 1) \\
 289997 &:= 1 \times (2 + (((3!^4 - 5) \times 6) + (7 \times 8! + 9))) &= ((9 \times (8! - 7!)) + 6) + (5! - (4!^3 \times 2 + 1)) \\
 289998 &:= 1 + (2 + (((3!^4 - 5) \times 6) + (7 \times 8! + 9))) &= (((9 + 8! \times 7) + (6^5)) - 4) - ((3! - 2)! - 1) \\
 289999 &:= (1 \times 2^{3 \times 4}) + (5 \times 6! + (7 \times (8! + 9))) &= ((9 \times (8! - 7!)) + 6) + (5! - (4!^3 \times 2 - 1)) \\
 290000 &:= (1 + ((2^{3 \times 4}) + 5 \times 6!)) + (7 \times (8! + 9)) &= (9 + (8! \times 7 + 6!)) + ((5! + ((4!^3)/2)) - 1)
 \end{aligned}$$

2.1.11 Numbers From 290001 to 291000

$$\begin{aligned}
 290001 &:= (1 - (((2^{3!}) - (4 \times 5!)) \times 6!) + 7!) - 8!/9 &= (9 + (8! \times 7 + 6!)) + (5! + ((4!^3)/2 \times 1)) \\
 290002 &:= 1 - ((2 \times (3 - (((4! + 5!) \times (6! + 7)) + 8!))) + 9 &= (9 + (8! \times 7 + 6!)) + (5! + (((4!^3)/2) + 1)) \\
 290003 &:= ((1 - 2 \times 3!) \times (4 \times 5 - 6!)) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + (((6! - 5 \times 4) \times ((3! \times 2) - 1)) \\
 290004 &:= 1 \times 2 \times (3 + (((4! + 5!) \times (6! + 7)) + 8! - 9)) &= ((9 + 8! \times 7) + (6^5 + 4)) - ((3! - 2)! + 1) \\
 290005 &:= (((1 + 2)! \times 3!^4) - (5!/6 - (7 \times 8!))) + 9 &= (((9 + 8!) \times 7) + (6^5)) - ((4! \times 3) + 2 \times 1) \\
 290006 &:= (1 \times 2 + (3 \times 4!)) \times ((5 - 6) - ((7! - 8!)/9)) &= ((9 + 8! \times 7) + (6^5 + 4)) - ((3! - 2)! - 1) \\
 290007 &:= (((1 + ((2 \times 3! \times 4!) + 5!)) \times 6!) + 7) - 8!/9 &= (9 \times (8 \times 7! - 6^5)) - ((4 \times (3!! + 2)) + 1) \\
 290008 &:= (1 + (((2 + 3!^4) - 5) \times 6)) + (7 \times 8! + 9) &= 9 - (((8 - 7!) - (6^5 \times (4! - 3!))) \times 2) + 1) \\
 290009 &:= (1 \times 2 + (3!^{4-5+6})) + (7 \times 8! - 9) &= (9 \times (8 \times 7! - 6^5)) - ((4 \times (3!! + 2)) - 1) \\
 290010 &:= 1 \times 2 \times (3! + (((4! + 5!) \times (6! + 7)) + 8! - 9)) &= (9 + ((8!/7!) \times (6! \times 5 + 4!))) \times (3^2 + 1) \\
 290011 &:= (((1 + 2)! + 3!!) \times 4!) - 5) + (6 \times ((7! + 8) \times 9)) &= (((9 + 8! \times 7) + (6^5)) - 4) - (3^2 + 1) \\
 290012 &:= ((1 + (2 \times ((3 + 4)!)) \times 5) + (6^7 - 8! - 9)) &= ((9 + 8! \times 7) + (6^5 + 4!)) - (3!^2 + 1) \\
 290013 &:= 1 \times (((2 - (3 - 4))!^5) + ((6 + 7 \times 8!) - 9)) &= (((9 + 8! \times 7) + (6^5)) - 4) - (3! + 2 \times 1) \\
 290014 &:= 1 \times (2 \times (((3!! \times 4! + (5! + (6! + 7))) \times 8) - 9)) &= ((9 + 8!) \times 7) - (6! - (((5! + 4^{3!}) \times 2) - 1)) \\
 290015 &:= 1 + (2 \times (((3!! \times 4! + (5! + (6! + 7))) \times 8) - 9)) &= (9 \times (8! - 7!)) + (6!/5 - (4!^3 \times 2 + 1)) \\
 290016 &:= 1 \times 2 \times ((3!^4 + (5 + 6! - 7)) \times 8 \times 9) &= ((9 + 8!) \times 7) - (6! - (((5! + 4^{3!}) \times 2) + 1)) \\
 290017 &:= 1 \times (((2 \times ((3! - 4 + 5)!)) + 6^7) - 8 + 9) &= (9 \times (8! - 7!)) + (6!/5 - (4!^3 \times 2 - 1)) \\
 290018 &:= 1 \times 2 + ((3! - (4^5 - 6 - 7!)) \times 8 \times 9) &= (((9 + 8!) \times 7) + (6^5)) - 4! - (3!^2 + 1) \\
 290019 &:= 1 \times (((2 - (3 - 4))!^5) - (6 - (7 \times 8! + 9))) &= ((9 + 8! \times 7) + (6^5 + 4)) - (3^2 + 1) \\
 290020 &:= 1 - ((2 \times (3 - (((4! + 5!) \times (6! + 7)) + 8!))) - 9 &= (((9 + 8!) \times 7) + (6^5)) - 4! - (3!^2 - 1) \\
 290021 &:= (((1 + 2)! + 3!!) \times 4!) + 5) + (6 \times ((7! + 8) \times 9)) &= ((9 + 8! \times 7) + (6^5 + (4 - 3!))) - 2 \times 1 \\
 290022 &:= (1 + 2)! + ((3! - (4^5 - 6 - 7!)) \times 8 \times 9) &= (((9 + 8! \times 7) + (6^5)) - (4 - 3)) - 2 \times 1 \\
 290023 &:= 1 - (2 \times (3! - (((4! + 5!) \times (6! + 7)) + 8! + 9))) &= (9 \times (8 \times 7! - 6^5)) - ((4 \times (3!! - 2)) + 1) \\
 290024 &:= (((1 + 2)! \times 3!^4) + 5) - (6 - (7 \times 8! + 9)) &= (((9 + 8! \times 7) + (6^5)) - 4!) + ((3! - 2)! - 1) \\
 290025 &:= ((1 + 2^{3!}) \times 4! \times 5) - (6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6! + 5!)) + (4! \times (3!!/2 - 1)) \\
 290026 &:= (((1 + 2)! \times 3!^4) - 5) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6^5)) - ((4! + 3) \times 2 - 1) \\
 290027 &:= (1 \times 2 + (3!^{4-5+6})) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + (6^5)) - (4 \times (3! \times 2 + 1)) \\
 290028 &:= (1 + 2)! \times (3! + ((4 \times (5 + 6!)) + ((7! + 8) \times 9))) &= ((9 + 8! \times 7) + (6^5 + (4 - 3))) + (2 \times 1) \\
 290029 &:= ((1 + 2 \times 3!) \times (4 - (5! - 6!))) + (7 \times (8! - 9)) &= (((9 + 8! \times 7) + (6^5)) - 4 + 3!) + (2 \times 1) \\
 290030 &:= 1 \times ((2 - (3! \times ((4 + 5!) \times 6))) \times (7 - 8 \times 9)) &= (((9 + 8!) \times 7) + (6^5)) - 4! - ((3! - 2)! + 1) \\
 290031 &:= 1 - ((2 - (3! \times ((4 + 5!) \times 6))) \times ((7 \times 8) + 9)) &= (((9 + 8! \times 7) + (6^5)) - 4) + 3^2 + 1 \\
 290032 &:= (1 + (((2 \times 3!! - 4!) \times 5) + 6!)) + (7 \times 8! - 9) &= (((9 + 8! \times 7) + (6^5)) - 4) + ((3! \times 2) - 1) \\
 290033 &:= 1 - (2 + (((3 \times (4^5 - 6)) + 7! - 8!) \times 9)) &= ((9 + 8! \times 7) + (6^5 + (4 + 3!))) - 2 \times 1 \\
 290034 &:= 1 \times (2 \times (((3!! \times 4!)/5!) \times (6! + 7)) + 8! + 9) &= 9 - (((8 \times 7!/6!) \times (5 - ((4! \times 3)^2))) - 1) \\
 290035 &:= 1 + (2 \times (((3!! \times 4!)/5!) \times (6! + 7)) + 8! + 9) &= ((9 + 8! \times 7) + (6^5 + (4!/3))) + (2 \times 1) \\
 290036 &:= 1 \times (2 - (((3 \times (4^5 - 6)) + 7! - 8!) \times 9)) &= (((9 + 8! \times 7) + (6^5)) - 4!) + (3!^2 - 1)
 \end{aligned}$$

$$\begin{aligned}
 290037 &:= 1 + (2 - ((3 \times (4^5 - 6)) + 7! - 8!) \times 9)) &= ((9 + 8! \times 7) + (6^5 + (4 + 3!))) + (2 \times 1) \\
 290038 &:= (1 - ((2 - (3!^4 - 5)) \times 6)) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + (6^5)) - 4 - (3!^2 + 1) \\
 290039 &:= (1 + (((2 + 3!)! + ((4 \times 5!) - 6)) \times 7)) + 8!/9 &= ((9 + 8! \times 7) + (6^5 + 4)) + 3^2 + 1 \\
 290040 &:= 1 + (2 + (((3!^4 + 5) \times 6) + 7 \times 8! - 9)) &= (9 + ((8!/7!)^6)) + (((5! + (4!^3)) \times 2) - 1) \\
 290041 &:= (1 - 2 \times 3!) - (4! \times (5 - ((6! + 7!/8) \times 9))) &= ((9 \times ((8 + 7!) \times 6)) + 5!) + ((4! \times (3!! + 2)) + 1) \\
 290042 &:= 1 - (((2 - (3^4 \times 5)) \times 6!) + (7 \times (8 + 9))) &= (9 + ((8!/7!)^6)) + (((5! + (4!^3)) \times 2) + 1) \\
 290043 &:= ((1 + 2^{3!}) \times 4! \times 5) - (6 - (7 \times 8! + 9)) &= (9 + 8! \times 7) - (6 - (5! \times ((4^3) + (2 - 1)))) \\
 290044 &:= (((1 + 2)!!/3) - 4) \times (5 + (6! + (7 \times 8 \times 9))) &= (9 + (8! \times 7 + 6!)) - (5 \times (4! - (3!! \times 2 - 1))) \\
 290045 &:= ((1 + ((2 + 3!)! + ((4 \times 5!) - 6))) \times 7) + 8!/9 &= (((9 + 8!) \times 7) + (6^5)) - 4! - (3^2 + 1) \\
 290046 &:= 1 \times (2 \times (3! + (((4! + 5!) \times (6! + 7)) + 8! + 9))) &= (((9 + 8!) \times 7) + (6^5 + 4)) - (3!^2 + 1) \\
 290047 &:= 1 + (2 \times (3! + (((4! + 5!) \times (6! + 7)) + 8! + 9))) &= (9 \times (8! - (7! - 6))) + (5! - (4!^3 \times 2 - 1)) \\
 290048 &:= 1 \times (2^{3!} \times ((4 \times (5!/6 - 7)) + 8!/9)) &= (((9 + 8!) \times 7) + (6^5 + 4)) - (3!^2 - 1) \\
 290049 &:= 1 + (2^{3!} \times ((4 \times (5!/6 - 7)) + 8!/9)) &= (9 + (8! \times 7 + 6!)) + (5! \times (((4! + 3!) \times 2) - 1)) \\
 290050 &:= (1 + (((2 + (3!^4 + 5)) \times 6) + 7 \times 8!)) - 9 &= ((9 + 8! \times 7) - (6! + 5!)) + ((4! \times 3!!/2) + 1) \\
 290051 &:= 1 - (2 \times (3!! + (((4! + 5) \times (6 - (7! - 8))) + 9))) &= (((9 + 8!) \times 7) + (6^5)) - 4! - ((3 + 2) - 1) \\
 290052 &:= 1 + (2 + (((3!^4 - 5) \times 6) + (7 \times (8! + 9)))) &= ((9 + 8! \times 7) + (6^5 + 4)) + ((3! - 2)! - 1) \\
 290053 &:= ((12 \times 3!!) + 4 - 5!) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) + (6^5 + (4! + (3 + 2)))) - 1 \\
 290054 &:= 1 - (2 - (((3!^4 + 5) \times 6) + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6!) + ((5! + ((4!^3)/2)) - 1) \\
 290055 &:= ((1 + 2^{3!}) \times 4! \times 5) + (6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6!) + (5! + ((4!^3)/2 \times 1)) \\
 290056 &:= ((1 + 2)!! + ((3 + 4)!) - (5! - (6^7 + 8!/9))) &= (((9 + 8!) \times 7) + 6!) + (5! + (((4!^3)/2) + 1)) \\
 290057 &:= (1 + (2 \times (3!! \times 4))) - (5! - (6^7 + 8!/9)) &= (9 \times (8! - (7! + 6))) + (((5! - 4!^3) \times 2) - 1) \\
 290058 &:= (1 + ((2 \times ((3!! - 4) \times 5)) + 6!)) + (7 \times (8! - 9)) &= (((9 + 8! \times 7) + (6^5)) - 4) + 3!^2 + 1 \\
 290059 &:= (((1 + 2)! \times 3!^4) - (5!/6)) + (7 \times (8! + 9)) &= ((9 + 8! \times 7) + (6^5 + 4!)) + 3^2 + 1 \\
 290060 &:= ((1 + 2 \times 3!!) \times 4) - (5! - (6^7 + 8!/9)) &= ((9 + 8! \times 7) + (6^5 + 4!)) + ((3! \times 2) - 1) \\
 290061 &:= 1 \times (((2 + 3!^4) - 5) \times 6) + (7 \times (8! + 9)) &= (9 \times (8! - 7!)) - (6^5 + ((4! + 3)^{2+1})) \\
 290062 &:= (1 + (2 \times ((3^4 + 5!) \times 6!))) + (7!/8 - 9) &= (((9 + 8!) \times 7) + (6^5)) - 4 - (3! \times 2 + 1) \\
 290063 &:= (((1 + 2)!^{3!}) + (4! - 5!)/6) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + (6^5)) - (4! - 3!) + (2 \times 1) \\
 290064 &:= (((1 + 2) + 3!!) \times 4!) + 5! + (6 \times ((7! + 8) \times 9)) &= ((9 + 8! \times 7) + (6^5 + 4)) + (3!^2 - 1) \\
 290065 &:= (1 + 2)! - (((3 \times 4!) + 5) \times (6! - (7 + 8!/9))) &= (((9 + 8!) \times 7) + (6^5)) - 4 - (3^2 + 1) \\
 290066 &:= 1 + ((2 + 3) \times ((4 \times (5^6)) - (7 + 8!/9))) &= ((9 + 8! \times 7) + (6^5 + 4)) + 3!^2 + 1 \\
 290067 &:= 1 \times (((2 + (3!^4 + 5)) \times 6) + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6^5)) - (4 + 3!) - 2 \times 1 \\
 290068 &:= (1 + (((2 + (3!^4 + 5)) \times 6) + 7 \times 8!)) + 9 &= (((9 + 8!) \times 7) + (6^5 + 4!)) - (3!^2 - 1) \\
 290069 &:= 1 - (2 + (3! \times (4! - ((5! \times 67) + 8! + 9)))) &= (((9 + 8!) \times 7) + (6^5)) - (4 \times 3!) + (2 \times 1) \\
 290070 &:= ((1 + 2)! - 3 \times 4!) \times (5 + ((6! - 7! \times 8)/9)) &= (9 \times ((8! + 7) - 6^5)) - ((4 \times (3!! + 2)) + 1) \\
 290071 &:= (1 - ((2 - 3^4) \times (5 \times 6!))) + ((7!/8) \times 9) &= (((9 + 8!) \times 7) + (6^{5!/4!})) - 3! - 2 \times 1 \\
 290072 &:= ((1 \times 2 - 3!!) \times 4) \times (5! - ((6 + 7) \times (8 + 9))) &= (9 \times ((8! + 7) - 6^5)) - ((4 \times (3!! + 2)) - 1) \\
 290073 &:= 1 \times (((2 - (3 - 4))!^5) - (6 - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (6^5 + 4)) - (3^2 + 1) \\
 290074 &:= ((1 + (((2 - (3 - 4))!^5)) - 6) + (7 \times (8! + 9))) &= ((9 + 8! \times 7) + (6^5 + 4!)) + ((3! - 2)! + 1)
 \end{aligned}$$

$$\begin{aligned} 290075 &:= ((1 - 2 \times 3!! + 4!) \times 5) \times (6 - ((7 \times 8) - 9)) &= (((9 + 8!) \times 7) + (6^{5!/4!})) - 3! + (2 \times 1) \\ 290076 &:= (1 + 2)! \times (3!! - (4 - (5 \times (6 + (7! + 8!/9)))) &= 9 - (((((8 - (7! - 6)) \times (5 + 4!)) + 3!!) \times 2) + 1) \\ 290077 &:= 1 \times (((2 \times 3!! - 4) \times 5) + (6! + (7 \times (8! - 9)))) &= 9 + (8! \times 7 + (6^5 + (4 \times (3! \times 2 + 1)))) \\ 290078 &:= (1 + ((2 \times 3!! - 4) \times 5)) + (6! + (7 \times (8! - 9))) &= 9 + (8! \times 7 + (6^5 + ((4! + 3) \times 2 - 1))) \\ 290079 &:= (((1 + 2)! \times 3!^4) + 5!) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - (6! + 5!)) + (4! \times (3!!/2 - 1)) \\ 290080 &:= (1 + (2 \times ((3^4 + 5!) \times 6!)) + (7!/8 + 9) &= (((9 + 8!) \times 7) + (6^5 + 4!)) - ((3! - 2)! - 1) \\ 290081 &:= (1 + ((2 + 3!)! \times 4)) + (5 \times (6 \times 7! - 8!/9)) &= (9 \times ((8! + 7) - 6^5)) - (4 \times 3!! - (2 \times 1)) \\ 290082 &:= ((1 + 2 \times 3!! - 4) \times 5) + (6! + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6^5)) - 4 + (3! + (2 - 1)) \\ 290083 &:= (((1 + 2 \times 3!) \times (4 - (5! - 6!))) + 7 \times 8!) - 9 &= (((9 + 8!) \times 7) + ((6^{5!/4!} + 3!)) - 2 \times 1 \\ 290084 &:= ((1 + (2 + 3!)!) \times 4) + (5 \times (6 \times 7! - 8!/9)) &= ((9 + 8! \times 7) + (6^5 + 4!)) + (3!^2 - 1) \\ 290085 &:= 1 \times (((2 - (3 - 4))!^5) + (6 + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (6^5)) - 4 + 3^2 + 1 \\ 290086 &:= (1 + (((2 - (3 - 4))!^5) + 6)) + (7 \times (8! + 9)) &= ((9 + 8! \times 7) + (6^5 + 4!)) + 3!^2 + 1 \\ 290087 &:= (((((1 + 2)!^{3!}) + (4 \times 5!))/6) + 7 \times 8!) - 9 &= (9 \times (8! - (7! + 6))) + ((5 - 4!) \times (3!! \times 2 + 1)) \\ 290088 &:= ((1 + 2)!! + (3! \times (4! \times 5!))) + ((6 \times 7! - 8) \times 9) &= 9 - (8 + (7 \times ((6 \times (5 - ((4!^3)/2))) + 1))) \\ 290089 &:= ((1 + (2 \times ((3! - 4 + 5)!)) + 6^7) + 8 \times 9 &= 9 \times 8 + (((7! + (6^5 \times (4! - 3!))) \times 2) + 1) \\ 290090 &:= (1 \times 2 + 3!! \times 4!) + ((5! + (6 \times (7! - 8))) \times 9) &= (((9 + 8!) \times 7) + (6^5)) - 4! + (3!^2 - 1) \\ 290091 &:= (1 - ((2 - (3^4 \times 5)) \times 6!)) - (7!/(8 \times 9)) &= (((9 + 8!) \times 7) + (6^5 + 4!)) + (3! + 2 \times 1) \\ 290092 &:= (((1 + 2)! \times (3! + 4)) - 5) + (6! + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6^5)) - 4! + 3!^2 + 1 \\ 290093 &:= ((1 + 2)!! + (3!! \times 4! + 5)) + ((6 \times 7! - 8) \times 9) &= (((9 + 8!) \times 7) + (6^5 + 4!)) + 3^2 + 1 \\ 290094 &:= ((1 + ((2 + 3!)! + (4 \times 5!))) \times 6) + ((7! - 8) \times 9) &= (((9 + 8!) \times 7) + (6^5 + 4!)) + ((3! \times 2) - 1) \\ 290095 &:= (1 + 2^{3!}) \times (4! + (5! - (6! - (7! + (8 - 9)))) &= (((9 + 8!) \times 7) + (6^5 + 4!)) - (3! + 2 \times 1) \\ 290096 &:= (1 - ((2 - (3^4 \times 5)) \times 6!)) - ((7 \times 8) + 9) &= (((9 + 8!) \times 7) + (6^5 + 4!)) + (3! \times 2 + 1) \\ 290097 &:= ((1 + 2^{3!}) \times 4! \times 5) - (6 - (7 \times (8! + 9))) &= ((9 + 8!) \times 7) - (6 - (5! \times ((4!^3) + (2 - 1)))) \\ 290098 &:= (1 + (2 \times (3!! + 4! \times 5!))) + (6! + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6!) - (5 \times (4! - (3!! \times 2 - 1))) \\ 290099 &:= 1 - (2 - ((3! + 4!) \times ((5! \times 6!) + 7!/8/9))) &= (9 \times (8! - 7!)) - (((6 - 5!) + (4!^3)) \times 2) + 1) \\ 290100 &:= (1 + 2) \times ((3! + 4) \times (((5! \times 6!) + 7!/8/9)) &= (((9 + 8!) \times 7) + (6^5)) - 4 + ((3! - 2)! + 1) \\ 290101 &:= (((1 + 2 \times 3!) \times (4 - (5! - 6!))) + 7 \times 8!) + 9 &= (9 \times (8! - 7!)) - (((6 - 5!) + (4!^3)) \times 2) - 1) \\ 290102 &:= 1 \times 2 + ((3! + 4!) \times (((5! \times 6!) + 7!/8/9)) &= 9 - (8 + (7 \times ((6 \times (5 - ((4!^3)/2))) - 1))) \\ 290103 &:= 1 \times (((2 \times 3!! - 4!) \times 5) + (6! + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + 6!) + (5! \times (((4! + 3!) \times 2) - 1)) \\ 290104 &:= (1 + (((2 \times 3!! - 4!) \times 5) + 6!)) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - (6! + 5!)) + ((4! \times 3!!/2) + 1) \\ 290105 &:= (((((1 + 2)!^{3!}) + (4 \times 5!))/6) + 7 \times 8!) + 9 &= (9 \times (8! - 7!)) - (6 - ((5! - 4!^3) \times 2) - 1) \\ 290106 &:= (1 + 2)! + ((3! + 4!) \times (((5! \times 6!) + 7!/8/9)) &= (((9 + 8!) \times 7) + (6^5 + 4!)) + ((3! - 2)! - 1) \\ 290107 &:= (1 - 2 \times 3!!) - ((4! \times 5! + ((6 + 7!) - 8!)) \times 9) &= (9 \times (8! - 7!)) - (6 - ((5! - 4!^3) \times 2) + 1) \\ 290108 &:= (1 + (2^{3!} \times (4 + 5!))) - (6 - (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6!) - (((5! - (4! \times 3!))/2) + 1) \\ 290109 &:= ((1 + 2^{3!}) \times 4! \times 5) + (6 + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6!) - ((5! - (4! \times 3!))/2 \times 1) \\ 290110 &:= (1 + 2) + (((3!! - 4) \times (5 + 6)) + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6^5)) - 4 + (3!^2 - 1) \\ 290111 &:= 1 \times (2 + (((3!^4 + 5) \times 6) + (7 \times (8! + 9)))) &= (9 \times (8! - (7 \times 6!))) + (((5! - 4!^3) \times 2) - 1) \\ 290112 &:= (1 + ((2 \times ((3!! - 4) \times 5) + 6!)) + (7 \times 8! - 9) &= ((9 \times (8! + (7 \times (6! - ((5^4) \times 3)))) - 2) - 1$$

$$\begin{aligned}
 290113 &:= (1 + ((2 + 3! \times 4!) \times 5!)) + (6 \times ((7! + 8) \times 9)) &= ((9 \times (8! + (7 \times (6! - ((5^4) \times 3)))))) - 2) \times 1 \\
 290114 &:= 1 - (((2 - (3^4 \times 5)) \times 6!) + ((7 \times 8) - 9)) &= ((9 \times (8! + (7 \times (6! - ((5^4) \times 3)))))) - 2) + 1 \\
 290115 &:= (1 - (2^{3!} \times 4!)) \times (((5 \times 6! - 7!) / 8) - 9) &= (9 \times (8! - ((7 + 6) \times (5^4)))) + (3!! / 2 \times 1) \\
 290116 &:= (((1 + (2 \times (3!! - 4))) \times 5) + (6! + 7 \times 8!)) - 9 &= (((9 + 8!) \times 7) + (6^5 + 4!)) + (3! \times 2 + 1) \\
 290117 &:= 1 \times (((2 \times 3!! + 4) \times 5) + (6! + (7 \times (8! - 9)))) &= (9 \times (8! - 7!)) + ((6 + ((5! - 4!^3) \times 2)) - 1) \\
 290118 &:= (1 + ((2 \times 3!! + 4) \times 5)) + (6! + (7 \times (8! - 9))) &= (((9 \times (8! - 7!)) + 6) + ((5! - 4!^3) \times 2)) \times 1 \\
 290119 &:= ((1 \times 2^{3!}) \times (4 + 5!)) + (6 + (7 \times (8! - 9))) &= (9 \times (8! - 7!)) + (6 + (((5! - 4!^3) \times 2) + 1)) \\
 290120 &:= (1 + (2^{3!} \times (4 + 5!))) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6^5 + 4!)) + 3!^2 + 1 \\
 290121 &:= 1 \times (((2 + (3!^4 + 5)) \times 6) + (7 \times (8! + 9))) &= (9 + 8! \times 7) - (6 \times (5! + ((4 - 3!!) \times 2 \times 1))) \\
 290122 &:= (((1 + (2 \times 3!! + 4)) \times 5) + 6!) + (7 \times (8! - 9)) &= ((9 + 8! \times 7) + (6^5)) + ((4 \times (3! - 2)!) + 1) \\
 290123 &:= (1 + (2 \times (((3^{4+5}) + 6!) \times 7))) + 8! / 9 &= (9 \times (8! - 7!)) + (((6 + 5!) - 4!^3) \times 2) - 1 \\
 290124 &:= ((1 + 2)!)! + ((3^4 \times ((5 \times (6! - 7)) + 8)) - 9) &= (9 + (8! \times 7 + 6!)) - (5 \times (((4 - 3!!) \times 2) + 1)) \\
 290125 &:= ((1 - 2 \times 3!!) \times (4! - 5)) - (((6 + 7!) - 8!) \times 9) &= (9 \times (8! - 7!)) + (((6 + 5!) - 4!^3) \times 2) + 1 \\
 290126 &:= ((12 \times (3!! - 4)) + 5) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6^5 + 4!)) + ((3! - 2)! - 1) \\
 290127 &:= ((1 + (2 \times 3!! + 4 - 5!)) \times 6) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - (6! + 5!)) + (4! \times (3!! / 2 + 1)) \\
 290128 &:= 1 + (2 + (((3!! - 4) \times (5 + 6)) + (7 \times 8! + 9))) &= (9 + (8! \times 7 + 6!)) - ((5 \times ((4 - 3!!) \times 2)) + 1) \\
 290129 &:= ((1 \times 2 \times ((3!! - 4) \times 5)) + 6!) + (7 \times 8! + 9) &= ((9 + (8 \times (((7! \times 6 / 5) - 4) \times 3))) \times 2) - 1 \\
 290130 &:= (1 + ((2 \times ((3!! - 4) \times 5)) + 6!)) + (7 \times 8! + 9) &= ((9 + (8 \times (((7! \times 6 / 5) - 4) \times 3))) \times 2) \times 1 \\
 290131 &:= 1 \times (((2 \times 3!! - 4) \times 5) + (6! + 7 \times 8! - 9)) &= ((9 + (8 \times (((7! \times 6 / 5) - 4) \times 3))) \times 2) + 1 \\
 290132 &:= (1 + ((2 \times 3!! - 4) \times 5)) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6^5)) + ((4! + 3) \times 2 - 1) \\
 290133 &:= ((1 + 2)!! + 3!! \times 4!) + (((5 + 6 \times 7!) - 8) \times 9) &= (((9 + 8!) \times 7) + (6^5)) + ((4! - 3!) \times (2 + 1)) \\
 290134 &:= (((1 + (2 \times (3!! - 4))) \times 5) + (6! + 7 \times 8!)) + 9 &= (9 + (8! \times 7 + 6!)) - (5 \times (((4 - 3!!) \times 2) - 1)) \\
 290135 &:= 1 \times (((2 \times ((3 + 4)!) + 5!) + (6^7 + (8 - 9))) &= ((9 \times ((8! / 7 + 6!) \times 5)) - 4!) - (3!! \times 2 + 1) \\
 290136 &:= ((1 + 2 \times 3!! - 4) \times 5) + (6! + 7 \times 8! - 9) &= (((9 \times (8! / 7)) - 6!) \times 5) + (4! \times (3!! \times 2 - 1)) \\
 290137 &:= (1 + ((2 + 3!!) \times 4!)) + ((5! + (6 \times (7! - 8))) \times 9) &= ((9 \times ((8! / 7 + 6!) \times 5)) - 4!) - (3!! \times 2 - 1) \\
 290138 &:= (1 + (2 \times ((3!! + 4) \times 5))) + (6! + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6^5 + 4!)) + (3!^2 - 1) \\
 290139 &:= (((1 + 2)! \times 3!^4) + 5!) - (6 - (7 \times 8! + 9)) &= (9 + 8! \times 7) - (6 \times (5! + (4 - (3!! \times 2 - 1)))) \\
 290140 &:= (((1 + 2)!^{3!} - 4) \times 5) + (6! \times (7 + 8 \times 9)) &= (((9 + 8!) \times 7) + (6^5 + 4!)) + 3!^2 + 1 \\
 290141 &:= 1 - (((2 \times ((34 \times 5) + 6!)) - 7!) \times 89) &= (9 \times (8! - (7 \times 6!))) + ((5 - 4!) \times (3!! \times 2 + 1)) \\
 290142 &:= ((1 + (2 \times (3!! + 4))) \times 5) + (6! + (7 \times (8! - 9))) &= (9 \times (8! - (7! - 6 \times 5))) - (4!^3 \times 2 \times 1) \\
 290143 &:= 1 \times (2 + (((3!! + 4) \times (5 + 6)) + (7 \times (8! - 9)))) &= (9 \times (8! - (7! - 6 \times 5))) - (4!^3 \times 2 - 1) \\
 290144 &:= 1 + (2 + (((3!! + 4) \times (5 + 6)) + (7 \times (8! - 9)))) &= (9 + 8! \times 7) - ((6 \times (5! + (4 - 3!! \times 2))) + 1) \\
 290145 &:= (((1 + 2)! \times 3!!) - 4!) + (5 \times 6! + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6 \times 5!)) + (4! \times (3!! / 2 - 1)) \\
 290146 &:= (1 + (((2 \times (3!! + 4)) - 5!) \times 6)) + (7 \times (8! - 9)) &= ((9 + 8! \times 7) - ((6 + 5) \times (4 - (3!! + 2)))) - 1 \\
 290147 &:= (1 - 2 \times 3!) \times (((4^5 + 6! - 7!) \times 8) - 9) &= (9 \times (8! - 7!)) - (((6 - ((5 - 4!) \times 3!!)) \times 2) + 1) \\
 290148 &:= (((1 + 2)!)! \times ((3 \times 4!) - 5)) + (6 \times (7 + 8! - 9)) &= (9 + (8! \times 7 + 6!)) - ((5 \times (4 - 3!! \times 2)) + 1) \\
 290149 &:= 1 - ((2 \times (3! + ((4! - 5) \times 6!))) + ((7! - 8!) \times 9)) &= (9 \times (8! - 7!)) + (((6! \times (5 - 4!)) - 3!) \times 2) + 1) \\
 290150 &:= (1 + ((2 \times 3!! - 4) \times 5)) + (6! + (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6! + 5) + (4! \times (3!! / 2 - 1)) \\
 290151 &:= (((1 + (2 \times (3!! + 4))) - 5!) \times 6) + (7 \times (8! - 9)) &= (9 \times ((8! / 7 + 6!) \times 5)) - (((4 + 3!!) \times 2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 290152 &:= (1 + (2 \times (3!! + 4! \times 5!))) + (6! + 7 \times 8! - 9) &= (9 + 8! \times 7) - (((6!/5 - 4^{3!}) \times 2) + 1) \\
 290153 &:= ((1 \times 2 + (3 \times (4! \times 5!))) - 6!) + (7 \times 8! - 9) &= (9 \times (8! - 7!)) + (((6! \times (5 - 4!)) - 3) \times 2) - 1) \\
 290154 &:= ((1 + 2 \times 3!! - 4) \times 5) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) - (5 \times (4 - (3!! \times 2 + 1))) \\
 290155 &:= (1 - (2 \times (3 + ((4! - 5) \times 6!)))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) + (((6! \times (5 - 4!)) - 3) \times 2) + 1) \\
 290156 &:= ((1 + 2)!! + (3!! \times 4! + 5)) + ((6 \times (7! + 8!)) - 9) &= (((9 \times 8) + 7) \times (6! \times 5)) + (4 \times (3!! \times 2 - 1)) \\
 290157 &:= ((1 + ((2 + 3)!) + (4 \times 5!)) \times 6) + (7! + 8! - 9) &= ((9 \times ((8!/7 + 6!) \times 5)) - 4) - (3!! \times 2 - 1) \\
 290158 &:= (1 - ((2 - 3 \times 4!) \times (5! - 6))) + (7 \times (8! - 9)) &= (((9 + 8!/7!) \times 6!) - 5!) \times 4! - (3!! + 2 \times 1) \\
 290159 &:= (((1 + 2)!^{3!}) + (4 \times 5!)) / 6 + (7 \times (8! + 9)) &= (9 \times (8!/7)) - ((6! \times ((5 + 4!) - 3!!/2)) + 1) \\
 290160 &:= (((1 + 2) + 3!!) \times 4!) + ((5! + (6 \times (7! - 8))) \times 9) &= (9 \times ((8 - (7 \times (6 - 5!))) \times 4)) \times (3^2 + 1) \\
 290161 &:= 1 \times (2^{3!} \times (4 + 5!)) - (6 - (7 \times 8! - 9)) &= (9 \times (8!/7)) - ((6! \times ((5 + 4!) - 3!!/2)) - 1) \\
 290162 &:= (1 + (2^{3!} \times (4 + 5!))) - (6 - (7 \times 8! - 9)) &= (9 + 8! \times 7) - (6 - ((5! \times ((4^3) + 2)) - 1)) \\
 290163 &:= ((1 + 2) - (3!! \times (4! + 5))) - ((6! - 7!) \times 8 \times 9) &= ((9 + 8! \times 7) - (6! + 5)) + (4! \times 3!!/2 - 1) \\
 290164 &:= ((1 + 2 \times 3!!) \times 4) + (5 \times (6! \times (7 + 8 \times 9))) &= ((9 + 8! \times 7) - 6) + ((5! \times ((4^3) + 2)) + 1) \\
 290165 &:= 1 - ((2 \times (3! - 4! \times 5!)) - (6^7 + 8!/9)) &= (9 \times (8! - (7! - 6))) + (((5! - 4!^3) \times 2) - 1) \\
 290166 &:= ((1 \times 2 \times (3!! \times 4 - 5)) + 6^7) + 8!/9 &= (9 \times (8! - (7! - 6))) + ((5! - 4!^3) \times 2 \times 1) \\
 290167 &:= (1 + (2 \times (3 - ((4! - 5) \times 6!)))) - ((7! - 8!) \times 9) &= (9 \times (8! - (7! - 6))) + (((5! - 4!^3) \times 2) + 1) \\
 290168 &:= (1 - ((2 - (3^4 \times 5) \times 6!)) - (7 \times (8 - 9)) &= 9 + 8! - (((7 - (6! + (5 - 4!))) \times 3!!/2) + 1) \\
 290169 &:= (1 - (((2 - (3^4 \times 5) \times 6!) - 7)) - (8 - 9) &= ((9 \times ((8!/7 + 6!) \times 5)) + ((4 - 3!!) \times 2)) + 1) \\
 290170 &:= (1 + (2 \times (3!! + 4! \times 5!))) + (6! + (7 \times 8! + 9)) &= 9 + 8! - (((7 - (6! + (5 - 4!))) \times 3!!/2) - 1) \\
 290171 &:= ((1 \times 2 + (3 \times (4! \times 5!))) - 6!) + (7 \times 8! + 9) &= 9 - ((8 - (7! + (6 - 5!))) \times (((4! + 3!) \times 2) - 1)) \\
 290172 &:= 1 \times ((2 \times (3! - ((4! - 5) \times 6!)) - ((7! - 8!) \times 9)) &= (9 \times (8! - 7!)) + ((6 + ((5 - 4!) \times 3!!)) \times 2 \times 1) \\
 290173 &:= 1 - ((2 \times ((3!! \times (4! - 5) - 6)) + ((7! - 8!) \times 9)) &= ((9 + 8! \times 7) + (6^5)) + (4 \times (3!^2 + 1)) \\
 290174 &:= (1 + (2^{3!} \times (4 + 5!))) + ((6 + 7 \times 8!) - 9) &= (9 + 8! \times 7 + 6) + ((5! \times ((4^3) + 2)) - 1) \\
 290175 &:= ((1 + 2 \times 3!!) \times 4) - (5 - (6^7 + 8!/9)) &= ((9 + 8! \times 7) - 6! + 5) + ((4! \times 3!!/2) + 1) \\
 290176 &:= (((1 + (2 \times 3!! + 4)) \times 5) + 6!) + (7 \times 8! - 9) &= (9 + 8! \times 7) + (6 + ((5! \times ((4^3) + 2)) + 1)) \\
 290177 &:= (1 - (2^{3!+4})) + ((5 \times (6 + 7)) \times (8!/9)) &= (9 + 8! \times 7) - (6! - (((5! - (4! + 3))^2) - 1)) \\
 290178 &:= (1 + 2 \times 3! \times 4) \times ((5! + 6) \times ((7 \times 8) - 9)) &= (((9 + 8!) \times 7) + 6!) - (5 \times (((4 - 3!!) \times 2) + 1)) \\
 290179 &:= ((1 - 2 \times 3!!) \times (4! - 5)) - ((6! \times 7 - 8!) \times 9) &= ((9 + 8! \times 7) - 6!) + (((5! - (4! + 3))^2) + 1) \\
 290180 &:= (1 + (2^{3!} \times (4 + 5!))) - (6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6^5)) + (((4 + 3!)^2) + 1) \\
 290181 &:= ((1 + (2 \times 3!! + 4 - 5)) \times 6) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) - ((6 + 5) \times (4 - 3!!))) + (2 \times 1) \\
 290182 &:= (1 + (2 \times (3!! \times 4))) + (5 + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + 6!) - ((5 \times ((4 - 3!!) \times 2)) + 1) \\
 290183 &:= 1 + ((2 \times (3 + 4! \times 5!)) + (6^7 + 8!/9)) &= ((9 \times ((8!/7 + 6!) \times 5)) + 4!) - (3!! \times 2 + 1) \\
 290184 &:= (1 + ((2 \times ((3!! - 4) \times 5) + 6!)) + (7 \times (8! + 9)) &= (9 + (8! \times 7 + 6!)) + (5 \times ((4 + 3!! \times 2) - 1)) \\
 290185 &:= (((1 - 2 \times 3!!) \times (4! - 5)) + 6) - ((7! - 8!) \times 9) &= ((9 \times ((8!/7 + 6!) \times 5)) + 4!) - (3!! \times 2 - 1) \\
 290186 &:= ((1 \times 2 \times ((3!! \times 4) + 5)) + 6^7) + 8!/9 &= (9 \times (8! - (7 \times (6! - 5)))) - (4!^3 \times 2 + 1) \\
 290187 &:= ((1 + 2)!! + 3!! \times 4!) - ((5 - (6 \times 7! + 8)) \times 9) &= (9 \times (8! - (7 \times (6! - 5)))) - (4!^3 \times 2 \times 1) \\
 290188 &:= 1 \times ((2 \times (3! + 4! \times 5!)) + (6^7 + 8!/9)) &= (9 \times (8! - (7 \times (6! - 5)))) - (4!^3 \times 2 - 1) \\
 290189 &:= 1 + ((2 \times (3! + 4! \times 5!)) + (6^7 + 8!/9)) &= (9 + 8! \times 7) - (((6 + 5!) - 4^{3!}) \times 2 \times 1) \\
 290190 &:= (1 + ((2 \times 3!! + 4) \times 5)) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + ((5 \times (4 + 3!! \times 2)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 290191 &:= ((1 \times 2 \times ((3!! + 4) \times 5)) + 6!) + (7 \times 8! - 9) &= (9 + 8! \times 7) + ((6 + 5) \times ((4 + 3!!) - (2 \times 1))) \\
 290192 &:= (1 + (2 \times ((3!! + 4) \times 5))) + (6! + 7 \times 8! - 9) &= 9 + 8! + (((7 - (6! + 5)) \times ((4! - 3!!)/2)) - 1) \\
 290193 &:= (1 + ((2 + (3^4 \times 5)) \times (6! - 7))) - (8 - 9) &= ((9 + 8! \times 7) - (6 \times 5!)) + (4! \times (3!!/2 + 1)) \\
 290194 &:= (((1 + (2 \times 3!! + 4)) \times 5) + 6!) + (7 \times 8! + 9) &= ((9 + 8! \times 7) - 6) - (((5! - 4^{3!}) \times 2) + 1) \\
 290195 &:= 1 - (2 - (3! \times (4! \times 5! + ((6 + 7! + 8) \times 9)))) &= (9 \times (((8!/7 + 6!) \times 5) + 4)) - (3!! \times 2 + 1) \\
 290196 &:= ((1 + (2 \times (3!! + 4))) \times 5) + (6! + 7 \times 8! - 9) &= 9 + (((8! \times 7) - 6) - (((5! - 4^{3!}) \times 2) - 1)) \\
 290197 &:= 1 \times (2 + (((3!! + 4) \times (5 + 6)) + 7 \times 8! - 9)) &= (9 \times (((8!/7 + 6!) \times 5) + 4)) - (3!! \times 2 - 1) \\
 290198 &:= 1 \times (2 + (3! \times (4! \times 5! + ((6 + 7! + 8) \times 9)))) &= ((9 + 8! \times 7) - 6! + 5) + (4! \times (3!!/2 + 1)) \\
 290199 &:= 1 + (2 + (3! \times (4! \times 5! + ((6 + 7! + 8) \times 9)))) &= (((9 + 8!) \times 7) - (6 \times 5!)) + (4! \times (3!!/2 - 1)) \\
 290200 &:= (1 + (((2 \times (3!! + 4)) - 5!) \times 6)) + (7 \times 8! - 9) &= (9 + (8! \times 7!/6!)) - (((5! - 4^{3!}) \times 2) + 1) \\
 290201 &:= ((1 + 2)!)! + (((3! + 4) \times (5 + 6!)) + 7 \times 8! - 9) &= (((9 \times 8) + 7!) - 6! + 5) \times ((4^3 + 2)) - 1 \\
 290202 &:= (1 + 2)! + (3! \times (4! \times 5! + ((6 + 7! + 8) \times 9))) &= (9 + (8! \times 7!/6!)) - (((5! - 4^{3!}) \times 2) - 1) \\
 290203 &:= 1 \times (((2 \times 3!! - 4) \times 5) + (6! + (7 \times (8! + 9)))) &= (((9 \times 8) + 7!) - 6! + 5) \times ((4^3 + 2)) + 1 \\
 290204 &:= (1 + ((2 \times 3!! - 4) \times 5)) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6! + 5) + (4! \times (3!!/2 - 1)) \\
 290205 &:= (((1 + (2 \times (3!! + 4))) - 5!) \times 6) + 7 \times 8! - 9 &= (((9 + 8!) \times 7) - 6!) + (((5! \times 4!) - 3!) \times (2 + 1)) \\
 290206 &:= (((1 + 2)^{3!+4}) \times 5) - ((6! \times 7) + 8) + 9 &= ((9 + 8!) \times 7) - (((6!/5 - 4^{3!}) \times 2) + 1) \\
 290207 &:= (((1 + 2)!! + (3! + 4)) \times (5 + 6)) + (7 \times (8! - 9)) &= (9 \times (((8!/7 + 6!) \times 5)) + (((4! - 3!!) \times 2) - 1) \\
 290208 &:= ((1 + 2 \times 3!! - 4) \times 5) + (6! + (7 \times (8! + 9))) &= (9 + 8! \times 7 + 6) - (((5! - 4^{3!}) \times 2) - 1) \\
 290209 &:= 1 - (2 \times (3! \times ((4 \times (5! - 6 - 7!)) - 8!/9))) &= (9 \times (((8!/7 + 6!) \times 5)) + (((4! - 3!!) \times 2) + 1) \\
 290210 &:= 1 \times (2 \times (((3! \times (4! \times (5! + 6))) - 7) \times 8) + 9)) &= (9 + (8! \times 7 + 6!)) + ((5 \times ((4 + 3!!) \times 2)) + 1) \\
 290211 &:= 1 + (2 \times (((3! \times (4! \times (5! + 6))) - 7) \times 8) + 9)) &= (9 + 8! \times 7) - (6 \times (5! - (((4 + 3!!) \times 2) - 1))) \\
 290212 &:= (1 - ((2 - 3 \times 4!) \times (5! - 6))) + (7 \times 8! - 9) &= (((9 + ((8 \times (7! \times 6))/5)) - 4!) \times 3!) - 2 \times 1 \\
 290213 &:= ((12 \times 3!!) - (4 - (5! - 6!))) + (7 \times (8! - 9)) &= (9 \times (8! - (7! - 6))) + (((5 - 4!) \times 3!! \times 2) - 1) \\
 290214 &:= ((1 + (2 \times (3!! + 4))) \times 5) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + (5 \times (((4 + 3!!) \times 2) + 1)) \\
 290215 &:= (1 - 2 \times 3!!) - ((4! \times 5! - (6 - (7! - 8!))) \times 9) &= (9 \times (8! - (7! - 6))) + (((5 - 4!) \times 3!! \times 2) + 1) \\
 290216 &:= (1 + 2) + (((3!! + 4) \times (5 + 6)) + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - (6 - ((5! \times ((4^3) + 2)) - 1)) \\
 290217 &:= (((1 + 2)!)! \times (3! + 4) + 5!) + (6! + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - (6! + 5)) + (4! \times 3!!/2 - 1) \\
 290218 &:= (1 + (((2 \times (3!! + 4)) - 5!) \times 6)) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) - 6) + ((5! \times ((4^3) + 2)) + 1) \\
 290219 &:= (1 + ((2 - 3!!) \times (4! + 5))) - ((6! - 7!) \times 8 \times 9) &= (((9 + 8!) \times 7) + (6^5)) + (4 \times (3!^2 - 1)) \\
 290220 &:= (1 + 2)! \times ((3!! - (4! + 5)) \times ((6! \times 7)/(8 \times 9))) &= ((9 \times (((8 + 7) \times (6! - 5)) + 4!) \times 3)) - 2 - 1 \\
 290221 &:= (1 - (2 \times (3! + 4!))) \times (5! - ((6! \times 7) + (8 - 9))) &= (((9 + 8!) \times 7) - 6!) + ((5! \times (4! \times 3)) - (2 \times 1)) \\
 290222 &:= (((1 + (2 \times 3!! + 4!)) \times 5) + 6!) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + 6!) + (((5 \times 4) \times 3!!)/2) - 1 \\
 290223 &:= (((1 + (2 \times (3!! + 4))) - 5!) \times 6) + 7 \times 8! + 9 &= (9 + 8! \times 7) - (6 \times (5! - (((4 + 3!!) \times 2) + 1))) \\
 290224 &:= (1 + (2 \times (3!! + 4! \times 5!))) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6!) + (((5 \times 4) \times 3!!)/2) + 1 \\
 290225 &:= ((1 \times 2 + (3 \times (4! \times 5!))) - 6!) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - 6!) + ((5! \times (4! \times 3)) + 2 \times 1) \\
 290226 &:= (1 - (((2 - (3^4 \times 5)) \times 6!) - (7 \times 8))) + 9 &= (9 \times (8 + 7!)) + (6 \times ((5! \times 4) + ((3! + 2)! - 1))) \\
 290227 &:= ((1 + 2)!! + (3!! \times 4! - 5)) + ((6 \times 7! + 8) \times 9) &= (((9 + 8!) \times 7) + (6^5)) + (4 \times (3!^2 + 1)) \\
 290228 &:= (((1 + 2)!)! \times (3! + 4) + 5) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) + ((5! \times ((4^3) + 2)) - 1) \\
 290229 &:= ((1 + 2)! + (3 \times (4! \times 5!))) - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6! + 5) + ((4! \times 3!!/2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 290230 &:= (1 - ((2 - 3 \times 4!) \times (5! - 6))) + (7 \times 8! + 9) &= ((9 + 8!) \times 7) + (6 + ((5! \times ((4^3) + 2)) + 1)) \\
 290231 &:= (((1 + 2^{3!}) \times (4 + 5!)) - 6) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) - (6! - (((5! - (4! + 3))^2) - 1)) \\
 290232 &:= (1 \times 2 + 3!) \times (((4! - 5!) \times 6 \times 7) + 8! - 9) &= (((9 + 8!) \times 7) - 6!) + ((5! \times 4! + 3) \times (2 + 1)) \\
 290233 &:= ((1 - 2 \times 3!!) \times (4! - 5)) + ((6 - (7! - 8!)) \times 9) &= (((9 + 8!) \times 7) - 6!) + (((5! - (4! + 3))^2) + 1) \\
 290234 &:= (1 + (2^{3!} \times (4 + 5!))) - (6 - (7 \times (8! + 9))) &= ((9 + 8!) \times 7) + ((6 + 5) \times ((4 - 3) + (2 + 1)!)) \\
 290235 &:= ((1 + 2) + (((3 \times 4)^5 / 6) \times 7)) - 8 \times 9 &= (9 + (8 \times ((7! + (6^5)) - (4 + 3!))) \times (2 + 1) \\
 290236 &:= (((1 + ((2 + 3!)! + 4)) / 5) - 6) + (7 \times (8! - 9)) &= (9 + 8! \times 7) + (((6 + 5) \times (4 + 3!! + 2)) + 1) \\
 290237 &:= ((1 + 2)!! + (3!! \times 4! + 5)) + ((6 \times 7! + 8) \times 9) &= (((9 + 8! \times 7) + (6^5)) - 4) + (3!^{2+1}) \\
 290238 &:= ((1 + ((2 + 3!)! + (4 \times 5!))) \times 6) + ((7! + 8) \times 9) &= (((9 + 8!) \times 7) + 6!) + (5 \times ((4 + 3!! \times 2) - 1)) \\
 290239 &:= (1 - ((2 \times 3!! - 4!) \times 5)) \times (6 - ((7 \times 8) - 9)) &= ((9 - 8) - 7 \times 6) \times ((5 \times (4! - 3!! \times 2)) + 1) \\
 290240 &:= ((1 + ((2 + 3!)! + 4!)) / 5) - (6 - (7 \times (8! - 9))) &= ((9 + 8! \times 7) + (6^5)) + ((4! \times (3^2)) - 1) \\
 290241 &:= (1 - (((2 + 3!)! \times 4) / 5) - 6) \times ((7 - 8) \times 9) &= (((9 + 8! \times 7) - 6) + ((5 \times 4)^3)) - 2 \times 1 \\
 290242 &:= ((12 \times 3!!) + (4! - 5)) - (6! - (7 \times (8! + 9))) &= ((9 + 8! \times 7) + (6^5)) + ((4! \times (3^2)) + 1) \\
 290243 &:= ((1 + 2^{3!}) \times (4 + 5!)) + (6 + (7 \times (8! - 9))) &= ((9 + 8!) \times 7) - (((6 + 5!) - 4^{3!}) \times 2 \times 1) \\
 290244 &:= (1 + ((2 \times 3!! + 4) \times 5)) + (6! + (7 \times (8! + 9))) &= 9 - (((8! / 7!) + 6) \times (5 - ((4! \times 3!)^2))) - 1) \\
 290245 &:= 1 \times ((2^{3!} \times (4 + 5!)) + (6 + (7 \times (8! + 9)))) &= (9 + 8! \times 7) - (6 - (((5 \times 4)^3) + 2 \times 1)) \\
 290246 &:= (1 + (2^{3!} \times (4 + 5!))) + (6 + (7 \times (8! + 9))) &= ((9 + 8!) \times 7) - ((6 \times (5! - (4 + 3!! \times 2))) + 1) \\
 290247 &:= 1 \times (((2 \times 3!! + 4 - 5!) \times 6) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - (6 \times 5!)) + (4! \times (3!! / 2 + 1)) \\
 290248 &:= 1 \times (((2 + 3!)! + (4 \times (5! + 6))) \times 7) + 8! / 9 &= (((9 + 8!) \times 7) - 6) - (((5! - 4^{3!}) \times 2) + 1) \\
 290249 &:= (1 + (((2 + 3!)! + (4 \times (5! + 6))) \times 7)) + 8! / 9 &= ((9 + 8!) \times 7) - (6 + ((5! - 4^{3!}) \times 2 \times 1)) \\
 290250 &:= (1 - (2 \times (3 - 4!))) \times ((5! + (6! \times 7 / 8)) \times 9) &= ((9 + 8!) \times 7) - ((6 + ((5! - 4^{3!}) \times 2)) - 1) \\
 290251 &:= (-1 - 2 \times 3!) \times ((4 \times (5! - ((6! - 7) \times 8))) + 9) &= ((9 + (8! \times 7! / 6!)) + (((5 \times 4)^3) + 2)) \times 1 \\
 290252 &:= (((1 + ((2 + 3!)! + 4!)) / 5) + 6) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - 6! + 5) + (4! \times (3!! / 2 + 1)) \\
 290253 &:= ((1 + (2 \times 3!! + 4 - 5!)) \times 6) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) - (6 \times (5! - (4 + (3!! \times 2 + 1)))) \\
 290254 &:= (1 + ((2 + 3!!) \times ((4! \times (5! / 6)) - 78))) + 9 &= ((9 + 8!) \times 7! / 6!) - (((5! - 4^{3!}) \times 2) + 1) \\
 290255 &:= ((1 + ((2 + 3!)! + (4 \times (5! + 6)))) \times 7) + 8! / 9 &= ((9 + 8!) \times 7) - ((6 \times (5! - 4^{3!})) / (2 + 1)) \\
 290256 &:= (((1 + 2)!)! \times ((3 \times 4!) - 5)) + (6 \times (7 + 8! + 9)) &= ((9 + 8!) \times 7! / 6!) - (((5! - 4^{3!}) \times 2) - 1) \\
 290257 &:= 1 + ((2 \times (((3 + 4)!) + 5!)) - (6^7 \times (8 - 9))) &= (9 \times ((8! + (7! + (6! - 5))) - 4!^3)) - 2 \times 1 \\
 290258 &:= (((1 + (2 \times (((3 + 4)!) + 5!))) + 6^7) - 8) + 9 &= (9 \times (8! - (7! + (6! + 5)))) - (((4! \times 3!)^2) + 1) \\
 290259 &:= ((1 - 2^{3!}) \times (4 - 5!)) + (6! + 7 \times 8! - 9) &= (9 \times (8! - (7! + (6! + 5)))) - ((4! \times 3!)^2 \times 1) \\
 290260 &:= (1 - ((2 \times 3!)^4)) - ((5 + (6! + 7! - 8!)) \times 9) &= ((9 + 8!) \times 7) + (6 - (((5! - 4^{3!}) \times 2) + 1)) \\
 290261 &:= (((1 + 2)!! + (3! + 4)) \times (5 + 6)) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6) - ((5! - 4^{3!}) \times 2) \times 1 \\
 290262 &:= (1 - ((2 \times 3!! \times 4!) / 5)) \times (6 \times (7 \times (8 - 9))) &= (((9 + 8!) \times 7) + 6) - ((5! - 4^{3!}) \times 2) + 1 \\
 290263 &:= (((1 - (2 \times (3! + 4!))) \times (5! - 6! \times 7)) - 8) - 9 &= 9 \times 8 - ((7 - 6!) \times (5! + ((4! \times 3! \times 2) - 1))) \\
 290264 &:= (1 + (2 \times ((3!! + 4) \times 5))) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6!) + ((5 \times ((4 + 3!!) \times 2)) + 1) \\
 290265 &:= (1 + 2) \times (3!! + (((4! - 5) \times (6 + 7! + 8)) + 9)) &= ((9 + 8! \times 7) - (6! - 5!)) + (4! \times (3!! / 2 - 1)) \\
 290266 &:= 1 - (2 - (((3!! + 4) \times (5 + 6)) + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (((6 + 5) \times (4 + 3!!)) - 2)) + 1 \\
 290267 &:= ((12 \times 3!!) - (4 - (5! - (6! - (7 \times 8!)))) - 9 &= 9 + ((8! \times 7 + ((6 + 5) \times ((4! + 3^2)))) - 1)
 \end{aligned}$$

$$\begin{aligned}
 290268 &:= ((1 + (2 \times (3!! + 4))) \times 5) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6!) + (5 \times (((4 + 3!!) \times 2) + 1)) \\
 290269 &:= 1 \times (2 + (((3!! + 4) \times (5 + 6)) + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + ((6 + 5) \times (4 + 3!!))) + (2 \times 1) \\
 290270 &:= 1 + (2 + (((3!! + 4) \times (5 + 6)) + (7 \times (8! + 9)))) &= ((9 + 8!) \times 7) - ((6 \times (5! - ((4 + 3!!) \times 2))) + 1) \\
 290271 &:= ((1 + 2)!! + (3!! \times 4! + 5!)) + ((6 \times (7! + 8!)) - 9) &= ((9 + 8!) \times 7) - (6 \times (5! - ((4 + 3!!) \times 2 \times 1))) \\
 290272 &:= (1 + (((2 \times 3!! + 4!) \times 5) + 6!)) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) - ((6 \times (5! - ((4 + 3!!) \times 2))) - 1) \\
 290273 &:= ((1 + 2)!)! + (((3! + 4) \times (5 + 6!)) + (7 \times (8! + 9))) &= ((9 + 8! \times 7) + (6^5)) + ((4! + 3!!) / (2 + 1)) \\
 290274 &:= ((1 + (2 \times (((3 + 4)!) + 5!))) + (6^7 + 8)) + 9 &= (9 \times (((8! / ((7 - 6) \times 5)) \times 4) - 3)) - (2 + 1) \\
 290275 &:= ((12 \times 3!!) + (4 + 5! - 6!)) + (7 \times 8! - 9) &= (9 \times (((8! / ((7 - 6) \times 5)) \times 4) - 3)) - 2 \times 1 \\
 290276 &:= (((1 + (2 \times 3!! + 4!)) \times 5) + (6! + 7 \times 8!)) - 9 &= (98/7) \times (((6! - 5) \times (4! + (3 + 2)))) - 1) \\
 290277 &:= ((1 - 2^{3!}) \times (4 - 5!)) + (6! + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - (6 \times (5! - (((4 + 3!!) \times 2) + 1))) \\
 290278 &:= ((1 + 2) + ((3 + 4!) \times (5^6 - 7!))) + 8!/9 &= 9 \times 8 - (7 \times (((6 \times (5 - 4^{3!}))/2) - 1)) \\
 290279 &:= ((1 - (2 \times (3! + 4!))) \times (5! - 6! \times 7)) + (8 - 9) &= ((9 + 8!/7!) \times ((6! - 5) \times 4!)) - (3!! \times 2 + 1) \\
 290280 &:= ((1 \times 2 + 3!) - (4 \times 5!)) \times (6 - (7!/8 - 9)) &= 9 + (8! \times 7 + (6^5 + ((4^{3! - 2}) - 1))) \\
 290281 &:= (((1 - (2 \times (3! + 4!))) \times (5! - 6! \times 7)) - 8) + 9 &= ((9 + 8!/7!) \times ((6! - 5) \times 4!)) - (3!! \times 2 - 1) \\
 290282 &:= 1 \times 2 - (((3 + 4)!) - 5!) \times ((6 + 7) - 8 \times 9) &= (((9 + 8!) \times 7) - 6!) + (((5! + 4! \times 3!!) / 2) - 1) \\
 290283 &:= (((1 + 2)^{3! + 4}) \times 5) + (6 - 7!) + 8 \times 9 &= (((9 + 8!) \times 7) - 6!) + ((5! + 4! \times 3!!) / 2 \times 1) \\
 290284 &:= (1 - ((2 - 3!) \times ((4 \times (5^6) - 7))) + (8! - 9) &= (((9 + 8!) \times 7) - 6!) + (((5! + 4! \times 3!!) / 2) + 1) \\
 290285 &:= (((1 + 2^{3!}) \times (4 + 5!)) - 6) + (7 \times 8! - 9) &= 9 - ((8! / (7! - (6! \times 5))) - (4!^3 \times 21)) \\
 290286 &:= (1 + 2)! - (((3 + 4)!) - 5!) \times ((6 + 7) - 8 \times 9) &= 9 - (((8 - ((7! \times 6/5) \times 4!) - 3!)) \times 2) - 1) \\
 290287 &:= (12 + ((3 + 4!) \times (5^6 - 7!))) + 8!/9 &= (9 + (((8 \times (7! \times 6)) / 5) - 4) \times 3!) - 2 \times 1 \\
 290288 &:= ((1 + 2)! \times ((3!! + 4!) \times 56)) - (7 - 8! + 9) &= ((9 + 8! \times 7) - (6! - 5!)) + (4! \times 3!! / 2 - 1) \\
 290289 &:= (1 + ((2 - (((3 \times 4)^5) / 6)) \times 7)) \times (8 - 9) &= (9 + (8! + 7!)) - (6! - (5! \times (4^{3!} / 2 - 1))) \\
 290290 &:= (1 + (2 \times (3 + 4!))) \times (((5! - 6) \times 7) + 8!/9) &= 9 - (((8 - ((7! \times 6/5) \times 4!) - 3)) \times 2) + 1) \\
 290291 &:= 1 - ((2 + (3! \times ((4 + 5!) \times 6))) \times (7 - 8 \times 9)) &= (9 + (((8 \times (7! \times 6)) / 5) - 4) \times 3!) + (2 \times 1) \\
 290292 &:= 1 - (((2 - (((3 \times 4)^5) / 6)) \times 7) + (8 - 9)) &= 9 - 8 + (((7! \times 6/5) \times 4!) - 3!) \times 2 - 1) \\
 290293 &:= 1 + (((2 \times 3!! + 4) + 5^6 + 7) \times (8 + 9)) &= (9 - 8) \times (((7! \times 6/5) \times 4!) - 3!) \times 2 + 1) \\
 290294 &:= (((1 + (2 \times 3!! + 4!)) \times 5) + (6! + 7 \times 8!)) + 9 &= (((9 + 8!) \times 7) + (6^5)) + ((4! \times (3^2)) - 1) \\
 290295 &:= (1 - (2^{3!} \times (4 \times (5! + 6)))) \times ((7 - 8) \times 9) &= (9 \times (8! - 7!)) - ((6! / 5 + (4! - 3))^2 \times 1) \\
 290296 &:= 1 \times (((2 \times (3!! \times 4)) + 5!) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6^5)) + ((4! \times (3^2)) + 1) \\
 290297 &:= (1 + (2 \times (3!! \times 4))) + (5! + (6^7 + 8!/9)) &= (9 + 8! \times 7) - (6! / 5 - (4^{3!} \times 2 \times 1)) \\
 290298 &:= 1 - (((2 - (3! \times ((4! + 5!) \times 6 \times 7))) \times 8) - 9) &= (9 + 8! \times 7) - (6! / 5 - ((4^{3!} \times 2) + 1)) \\
 290299 &:= (((12^3) \times 4!) - (5 + 6)) \times 7 + 8 \times 9 &= (9 \times 8 \times (7! - 6!)) - (5 + ((4! \times 3!)^2 \times 1)) \\
 290300 &:= ((1 + 2 \times 3!!) \times 4) + (5! + (6^7 + 8!/9)) &= (9 \times 8 \times (7! - 6!)) - ((5 + ((4! \times 3!)^2)) - 1) \\
 290301 &:= (1 + 2)!! - (3 + ((4^5 - 6 - 7!) \times 8 \times 9)) &= (((9 + 8!) \times 7! / 6!) + ((5 \times 4)^3)) - 2 \times 1) \\
 290302 &:= (((1 + ((2 + 3!)! + 4)) / 5) + 6) + (7 \times 8! - 9) &= ((9 + 8!) \times 7! / 6!) + (((5 \times 4)^3) - (2 - 1)) \\
 290303 &:= (((1 + 2^{3!}) \times (4 + 5!)) - 6) + (7 \times 8! + 9) &= (9 \times (8! - (7! + (6! \times 5)))) + (((4! \times 3!)^2) - 1) \\
 290304 &:= ((1 - 2^{3!}) \times 4!) \times ((5! \times (6 - 7)) - 8 \times 9) &= ((9 \times 8) - 7! / 6) \times (5 - (4! + (3!! / 2 - 1))) \\
 290305 &:= (1 - (((2 + 3!) - 4!) \times (5^6) + 7)) + (8! - 9) &= (9 \times (8! - (7! + (6! \times 5)))) + (((4! \times 3!)^2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 290306 &:= (((1 + ((2 + 3!) + 4!)/5) + 6) + (7 \times 8! - 9)) &= 9 + ((8! \times 7 + (6 \times ((5^4) + (3!! - 2)))) - 1) \\
 290307 &:= 1 - ((2 + (((3 \times 4^5)/6) \times 7)) \times (8 - 9)) &= (9 + 8! \times 7) - (6 \times (5! - (4! + (3!! \times 2 - 1)))) \\
 290308 &:= (((1 + ((2 + 3!) + 4!)/5) - 6) + (7 \times 8! + 9)) &= (9 \times 8 \times (7! - 6!)) + (5 - (((4! \times 3!)^2) + 1)) \\
 290309 &:= ((1 + 2)! + (((3 \times 4^5)/6) \times 7)) + (8 - 9) &= (9 \times 8 \times (7! - 6!)) + (5 - ((4! \times 3!)^2 \times 1)) \\
 290310 &:= (1 - (((2 \times 3!)^4) - 5)) - ((6! - 7!) \times 8 \times 9) &= (9 \times 8 \times (7! - 6!)) + (5 - (((4! \times 3!)^2) - 1)) \\
 290311 &:= ((1 + 2)! + (((3 \times 4^5)/6) \times 7)) - (8 - 9) &= (9 + 8! \times 7) + (((6 + 5!) \times (4^3)) - (2 \times 1)) \\
 290312 &:= (1 - (((2 + 3!) - 4!) \times (5^6))) + (7! \times 8 - 9) &= ((9 + 8! \times 7) + (6^5)) + ((4! \times 3! \times 2) - 1) \\
 290313 &:= 1 \times 2 + (((3! - 4) \times (5^6)) + 7!) \times 8 - 9) &= ((9 + 8! \times 7) - (6! - 5!)) + (4! \times (3!!/2 + 1)) \\
 290314 &:= ((1 + 2) + (((3! - 4) \times (5^6)) + 7!) \times 8) - 9 &= ((9 + 8! \times 7) - 6) - (5! - ((4^3! \times 2) - 1)) \\
 290315 &:= ((1 + 2^{3!}) \times (4 + 5!)) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7) + (((6 + 5!) \times (4^3)) + 2 \times 1) \\
 290316 &:= 1 \times 2 \times (3! - ((4! \times (5! + 6)) - 7!) \times 8 \times 9)) &= ((9 + 8! \times 7) - 6) - (5! - ((4^3! \times 2) + 1)) \\
 290317 &:= 1 \times ((2 + (((3 \times 4^5)/6) \times 7)) + (8 - 9)) &= (9 + 8! \times 7) + ((6 \times ((5^4) + 3!!)) - (2 \times 1)) \\
 290318 &:= (1 + ((2 + (((3 \times 4^5)/6) \times 7)) + (8 - 9)) &= ((9 - 8) + (((7! \times 6/5) \times 4!) + 3!)) \times 2 \times 1 \\
 290319 &:= (1 - (((2 + 3!) - 4!) \times (5^6)) - 7)) + (8! - 9) &= (((9 + 8!) \times 7) - (6! - 5!)) + (4! \times (3!!/2 - 1)) \\
 290320 &:= (((1 + ((2 + 3!) + 4!)/5) + 6) + (7 \times 8! + 9)) &= (9 + (8! \times 7!/6!)) - (5! - ((4^3! \times 2) - 1)) \\
 290321 &:= (1 + ((2 \times 3!! - 4!) \times 5)) \times (6 \times 7 + (8 - 9)) &= 9 - (8 \times (((7!/6 \times 5) \times 4!) - ((3! + 2)! + 1))) \\
 290322 &:= (1 - ((2^{3!} \times (4 - 5!)) - 6!)) + (7 \times (8! - 9)) &= (9 + (8! \times 7!/6!)) - (5! - ((4^3! \times 2) + 1)) \\
 290323 &:= (1 - (((2 + 3!) - 4!) \times (5^6)) + 7)) + (8! + 9) &= (((9 + 8!) \times 7) + (6^5 + 4)) + (3!!/(2 + 1)) \\
 290324 &:= (((1 + ((2 + 3!) + 4!)/5) + 6) + (7 \times 8! + 9)) &= 9 + 8 + ((7^6 - ((5 + 4!) \times 3!!)) \times (2 + 1)) \\
 290325 &:= ((1 + 2) + (3 \times 4!)) \times ((5 \times (6! + 7 \times 8)) - 9) &= (((9 + 8) + ((7! \times 6/5) \times 4!)) - 3!) \times 2 - 1 \\
 290326 &:= (((1 + 2) + (((3 \times 4^5)/6) \times 7)) - (8 - 9)) &= (9 + 8! \times 7 + 6) - (5! - ((4^3! \times 2) - 1)) \\
 290327 &:= ((1 + 2)! + (((3 \times 4^5)/6) \times 7)) + (8 + 9) &= (9 + 8! \times 7 + 6) - (5! - (4^3! \times 2 \times 1)) \\
 290328 &:= 1 \times 2 \times (3!! + (4 \times (5! + (6! - (7! - 8! + 9)))) &= (9 + 8! \times 7 + 6) - (5! - ((4^3! \times 2) + 1)) \\
 290329 &:= 1 + ((2 \times (((3 + 4)!) + 5!)) + (6^7 + 8 \times 9)) &= (9 - 8) \times ((7^6) + (5 \times (4! \times (3!! \times 2 - 1)))) \\
 290330 &:= (1 - (((2 + 3!) - 4!) \times (5^6))) + (7! \times 8 + 9) &= 9 - (8 - ((7^6) + (5 \times (4! \times (3!! \times 2 - 1)))) \\
 290331 &:= ((1 - 2^{3!}) \times (4 - 5!)) + (6! + (7 \times (8! + 9))) &= (9 + 8! \times 7) + (6 \times ((5^4) + (3!! + 2 \times 1))) \\
 290332 &:= ((1 + 2) + (((3! - 4) \times (5^6)) + 7!) \times 8) + 9 &= (9 + 8! \times 7) + ((6 \times ((5^4) + 3!! + 2)) + 1) \\
 290333 &:= (((1 + 2)!! + (3! + 4)) \times (5 + 6)) + (7 \times (8! + 9)) &= (9 \times (((8!/((7 - 6) \times 5)) \times 4) + 3)) + (2 \times 1) \\
 290334 &:= (((1 - (2 \times 3!^4)) \times (5! - 6)) + 7!) \times (8 - 9) &= (((9 + 8!) \times 7) + (6^5 + (4^{3! - 2}))) - 1 \\
 290335 &:= (1 + 2)! + (((3! - 4) \times (5^6)) + 7!) \times 8 + 9) &= (((9 + 8!) \times 7) + (6^5 + (4^{3! - 2}))) \times 1 \\
 290336 &:= 1 \times (((2 + 3)! \times (4 + 5!)) + 6^7) - 8!/9) &= (((9 + 8!) \times 7) + (6^5 + (4^{3! - 2}))) + 1 \\
 290337 &:= (1 - (((2 + 3!) - 4!) \times (5^6)) - 7)) + (8! + 9) &= ((9 + 8! \times 7) + (6^5)) + (4! \times (3! \times 2 + 1)) \\
 290338 &:= (1 + ((2 + (3 \times 4!)) \times 5!)) - (6! - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6!) + (5 \times (4! + (3!! \times 2 - 1))) \\
 290339 &:= (1 - 2 - (((3 + 4)!) - 5!)) \times ((6 + 7) - 8 \times 9) &= (9 \times (8! - (7! + ((6! - 5) \times 4)))) - (3!! \times 2 + 1) \\
 290340 &:= (1 - (((2 - 3!) \times ((4 \times (5^6)) + 7)) - 8!)) - 9 &= (9 + ((8 + (((7! \times 6/5) \times 4!) + 3!)) \times 2)) - 1 \\
 290341 &:= 1 + (((2 \times (((3! - 4) \times (5^6)) + 7!)) - 8!) \times 9) &= (9 + ((8 + (((7! \times 6/5) \times 4!) + 3!)) \times 2)) \times 1 \\
 290342 &:= ((1 + (2 \times (3!! + 4!))) \times 5) + (6! + (7 \times (8! - 9))) &= (9 + ((8 + (((7! \times 6/5) \times 4!) + 3!)) \times 2)) + 1 \\
 290343 &:= (((1 + 2)!) \times (3! + 4)) + 5! + (6! + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6) + ((5! - (4! + 3!))^2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 290344 &:= (1 + (((2 \times 3!! + 4!) \times 5) + 6!)) + (7 \times (8! + 9)) &= (9 + 8! \times 7) - (6 - (((5! - (4! + 3!))^2) + 1)) \\
 290345 &:= (((((12 \times 3!! \times 4!)/5) + 6) \times 7) + 8) - 9 &= 9 + (((8!/7!) - 6^5) + (4!^3 \times 21)) \\
 290346 &:= (1 - (((2 \times ((3 - 4) - 5^6)) - 7!) \times 8)) + 9 &= (((9 - 8) + (7! \times 6/5)) \times 4!) - 3) \times 2 \times 1 \\
 290347 &:= (((((12 \times 3!! \times 4!)/5) + 6) \times 7) - 8) + 9 &= (9 \times ((8! + (7! + (6! + 5))) - 4!^3)) - 2 \times 1 \\
 290348 &:= (((1 + (2 \times 3!! + 4!)) \times 5) + 6!) + (7 \times (8! + 9)) &= (9 \times (8! - (7! + (6! - 5)))) - (((4! \times 3!)^2) + 1) \\
 290349 &:= 1 - (2 - ((3! + 4) \times (5 \times (((6! + 7) \times 8) - 9)))) &= (9 \times (8! - (7! + (6! - 5)))) - ((4! \times 3!)^2 \times 1) \\
 290350 &:= (1 - ((2 \times 3!)^4)) + ((5 - (6! + 7! - 8!)) \times 9) &= (((9 + 8!) \times 7) - 6!/5) + ((4!^3 \times 2) - 1) \\
 290351 &:= 1 \times (((2 \times (3! \times (4! \times (5! + 6)))) + 7) \times 8) - 9 &= (9 \times (8! - 7!)) + (6! - (((5! + (4!^3)) \times 2) + 1)) \\
 290352 &:= 1 + (((2 \times (3! \times (4! \times (5! + 6)))) + 7) \times 8) - 9 &= ((9 + 8!) \times 7) - (6!/5 - ((4!^3 \times 2) + 1)) \\
 290353 &:= (1 + 2) + ((3! + 4) \times (5 \times (((6! + 7) \times 8) - 9))) &= (9 \times (8! - 7!)) + (6! - (((5! + (4!^3)) \times 2) - 1)) \\
 290354 &:= 1 \times ((23^4) + (5^6 - (7! + 8 \times 9))) &= (9 + 8! \times 7) + ((6 + ((5! - (4! + 3!))^2)) - 1) \\
 290355 &:= ((1 + 2) + (3! \times ((4 + 5!) \times 6))) \times ((7 \times 8) + 9) &= (9 + 8! \times 7 + 6) + ((5! - (4! + 3!))^2 \times 1) \\
 290356 &:= (1 + 2)! + ((3! + 4) \times (5 \times (((6! + 7) \times 8) - 9))) &= (9 + 8! \times 7) + (6 + (((5! - (4! + 3!))^2) + 1)) \\
 290357 &:= (((1 + 2^{3!}) \times (4 + 5!)) - 6) + (7 \times (8! + 9)) &= (9 + ((8! - 7!)/6!)) - (5 - (4!^3 \times 21)) \\
 290358 &:= (1 - (((2 - 3!) \times ((4 \times (5^6)) + 7)) - 8!)) + 9 &= (9 + (8!/(7!/6))) \times (54 + ((3! + (2 - 1)))!) \\
 290359 &:= ((1 + 2)!)! + ((3^4 \times 5!) + (6^7 - (8 + 9))) &= ((9 + 8 - 7) \times 6) - (5 - (4!^3 \times 21)) \\
 290360 &:= (1 + (2 \times (3! + 4!))) \times (5! + (6! - ((7! - 8!)/9))) &= (((9 + 8! \times 7) + (6^5)) - 4!) + (3!!/2 - 1) \\
 290361 &:= (1 - (2 \times ((3! + 4!) \times (5! + (6 - 7!)))) - 8!/9 &= ((9 + 8!) \times 7) - (6 \times (5! - (4! + (3!! \times 2 - 1)))) \\
 290362 &:= (((1 + ((2 + 3!)! + 4!)/5) - 6) + (7 \times (8! + 9)) &= (((9 + 8! \times 7) + (6^5)) - 4!) + (3!!/2 + 1) \\
 290363 &:= ((1 \times 2 + 3!) \times 4^5) - (6 - (7 \times (8! - 9))) &= 9 \times 8 + (((((7! \times 6/5) \times 4!) - 3!) \times 2) - 1) \\
 290364 &:= (1 + ((2 + 3!) \times 4^5)) - (6 - (7 \times (8! - 9))) &= 9 \times 8 + (((7! \times 6/5) \times 4!) - 3!) \times 2 \times 1 \\
 290365 &:= 1 - ((2 + 3)! + (((4 + (5! \times 67)) - 8!) \times 9)) &= 9 \times 8 + (((((7! \times 6/5) \times 4!) - 3!) \times 2) + 1) \\
 290366 &:= ((1 + ((2 + 3!)! + 4!)/5) - (6 - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (6^5)) + ((4! \times 3! \times 2) - 1) \\
 290367 &:= 1 - ((2 - (3! \times (4^5 + 6))) \times ((7 \times 8) - 9)) &= (((9 + 8!) \times 7) - (6! - 5!)) + (4! \times (3!!/2 + 1)) \\
 290368 &:= (1 \times 2^{3 \times 4}) + (56 \times (7! + 8 \times 9)) &= (((9 + 8!) \times 7) - 6) - (5! - ((4!^3 \times 2) - 1)) \\
 290369 &:= ((1 + 2^{3!}) \times (4 + 5!)) + (6 + (7 \times (8! + 9))) &= (9 + 8!) \times 7 + (((6 + 5!) \times (4^3)) + 2 \times 1) \\
 290370 &:= (1 + (2^{3! - 4 + 5 - 6})) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - 6) - (5! - ((4!^3 \times 2) + 1)) \\
 290371 &:= ((12 + (((3 \times 4)^5)/6)) \times 7) - (8 + 9) &= 9 \times 8 + (((((7! \times 6/5) \times 4!) - 3) \times 2) + 1) \\
 290372 &:= (((12^3) \times 4!) + 5!/6) \times 7) - 8 \times 9 &= 9 + ((8! \times 7 + (6^5)) - (((4! - 3!)/2) + 1)) \\
 290373 &:= 1 \times (((2 \times 3! - 4)!/5) + (6 + (7 \times (8! + 9)))) &= ((9 + 8!) \times 7) - (6 \times (5! - (4! + (3!! \times 2 + 1)))) \\
 290374 &:= (((1 + ((2 + 3!)! + 4!)/5) + 6) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7!/6!) - (5! - ((4!^3 \times 2) - 1)) \\
 290375 &:= (((1 \times 2 + 3!) \times 4^5) + 6) + (7 \times (8! - 9)) &= (9 \times (((8!/7 + 6!) \times 5) + 4!)) - (3!! \times 2 + 1) \\
 290376 &:= (1 - ((2^{3!} \times (4 - 5!)) - 6!)) + (7 \times 8! - 9) &= ((9 + 8!) \times 7!/6!) - (5! - ((4!^3 \times 2) + 1)) \\
 290377 &:= ((1 + (2 \times (3!^4 \times (5! - 6)))) - 7!) - 8 \times 9 &= (9 \times (((8!/7 + 6!) \times 5) + 4!)) - (3!! \times 2 - 1) \\
 290378 &:= (((1 + ((2 + 3!)! + 4!)/5) + 6) + (7 \times (8! + 9)) &= (9 + 8! \times 7) + ((6! - (5 - 4!)) \times ((3! \times 2) - 1)) \\
 290379 &:= ((1 + 2) + (((3 \times 4)^5)/6) \times 7) + 8 \times 9 &= (9 + 8! + (((7!/(6!/(5 + 4)))^3) + 2)) + 1 \\
 290380 &:= (((1 + 2)!^{3!}) - 4) \times 5) + (6 \times (7! + 8!/9)) &= (((9 + 8!) \times 7) + 6) - (5! - ((4!^3 \times 2) - 1)) \\
 290381 &:= (1 + 2 \times 3!) \times ((4! \times 5! \times 6) + (7! + 8 + 9)) &= (((9 + 8!) \times 7) + 6) - (5! - (4!^3 \times 2 \times 1))
 \end{aligned}$$

$$\begin{aligned}
 290382 &:= 1 \times (2 \times (3!! + ((4 \times (5! + (6! - (7! - 8!)))) - 9))) &= (((9 + 8!) \times 7) + 6) - (5! - ((4^{3!} \times 2) + 1)) \\
 290383 &:= 1 + (2 \times (3!! + ((4 \times (5! + (6! - (7! - 8!)))) - 9))) &= (((9 + (((8 \times (7! \times 6))/5) + 4)) \times 3!) + 2) - 1 \\
 290384 &:= 1 + (((2 + 3!! + 4!) \times (5 + 6)) + (7 \times (8! - 9))) &= (((9 + (((8 \times (7! \times 6))/5) + 4)) \times 3!) + 2) \times 1 \\
 290385 &:= (((1 + 2)^{3!+4}) \times 5) + (((6! - 7!)/8) \times 9) &= (((9 + (((8 \times (7! \times 6))/5) + 4)) \times 3!) + 2) + 1 \\
 290386 &:= (1 + ((2 \times 34) \times 5!)) - (6 - (7 \times 8! - 9)) &= ((9 + 8! \times 7) + (6^5)) + (((4 + 3!)/2) - 1) \\
 290387 &:= (1 \times 2 + (3 \times (4! \times (5! - 6)))) + (7 \times (8! - 9)) &= 9 + (8! \times 7 + (6^5 + ((4 + 3!)/2 \times 1))) \\
 290388 &:= ((1 + 2) + (3 \times (4! \times (5! - 6)))) + (7 \times (8! - 9)) &= ((9 + 8! \times 7) + (6^5 + 4)) + (3!/2 - 1) \\
 290389 &:= 1 - (2 \times (3!! + (((4! + 5) \times (6 - 7!)) + 8 \times 9))) &= ((9 + 8! \times 7) + (6^5 + (4 + 3!/2))) \times 1 \\
 290390 &:= 1 \times (((2 + (((3 \times 4)^5)/6)) \times 7) + 8 \times 9) &= ((9 + 8! \times 7) + (6^5 + (4 + 3!/2))) + 1 \\
 290391 &:= (1 \times 2 \times ((3!! + 4!) \times 5)) + (6! + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6^5)) + (4! \times (3! \times 2 + 1)) \\
 290392 &:= (1 + ((2 + (3 \times 4!)) \times 5!)) - (6! - (7 \times 8! - 9)) &= 9 + 8 + ((76 - 5) + (4!^3 \times 21)) \\
 290393 &:= (((1 + (2 + 3!)) \times (4 \times (5! - 6!))) + 7) \times (8 - 9) &= (9 + ((8! + 7!) \times 6)) + (((5 \times (4! + 3))^2) - 1) \\
 290394 &:= (1 - ((2^{3!} \times (4 - 5!)) - 6!)) + (7 \times 8! + 9) &= (9 + ((8! + 7!) \times 6)) + ((5 \times (4! + 3))^2 \times 1) \\
 290395 &:= 1 - (((2 \times (3 + 4)) + (5! \times 67)) - 8! \times 9) &= 9 + (((8! + 7!) \times 6) + (((5 \times (4! + 3))^2) + 1)) \\
 290396 &:= ((1 + (2 \times (3!! + 4!))) \times 5) + (6! + 7 \times 8! - 9) &= ((9 + 8!) \times 7) - (6 - (((5! - (4! + 3!))^2) - 1)) \\
 290397 &:= (((1 + 2) + (((3 \times 4)^5)/6)) \times 7) + 8 \times 9 &= (((9 + 8!) \times 7) - 6) + ((5! - (4! + 3!))^2 \times 1) \\
 290398 &:= 1 \times 2 \times (((3! \times (4! \times (5! + 6))) + 7) \times 8) - 9 &= ((9 + 8!) \times 7) - (6 - (((5! - (4! + 3!))^2) + 1)) \\
 290399 &:= (((1 + 2)! \times (3!! + 4^5)) + 6^7) + (8 - 9) &= ((9 + 8) \times (7 - 6!)) + (5! \times (((4 + 3)!/2) + 1)) \\
 290400 &:= (1 - 2 \times 3!) \times ((4 \times 5!) - ((6 \times 7! \times 8)/9)) &= ((9 \times (8!/7 + 6!)) + (5! \times (4 + 3!))) \times 2 \times 1 \\
 290401 &:= (1 - ((2 - 3!!) \times 4!)) + ((5! + (6 \times 7! - 8)) \times 9) &= ((9 \times 8) + (7^6)) + (5 \times (4! \times (3! \times 2 - 1))) \\
 290402 &:= (((1 + 2)!! - 3!) \times ((4 \times 5!) - 67)) - 8!/9 &= (((9 + 8!) \times 7) + (6^5)) + (((4! - 3!)^2) - 1) \\
 290403 &:= (12 \times 3!!) - (4 \times 5! + (6 - (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (6^5)) + ((4! - 3!)^2 \times 1) \\
 290404 &:= (12 \times 3! + (4 + 5 \times 6!)) \times (7 + 8 \times 9) &= (9 + (8! \times 7 + 6!)) + (5 \times (((4! + 3!) \times 2) - 1)) \\
 290405 &:= (((12 + (((3 \times 4)^5)/6)) \times 7) + 8) + 9 &= 98 + ((7^6 - ((5 + 4!) \times 3!)) \times (2 + 1)) \\
 290406 &:= 12 + ((3^4 \times (5 \times 6! - (7 + 8))) + 9) &= ((9 \times (8! - 7!)) + 6) - (5! + ((4! + 3!)^{2+1})) \\
 290407 &:= (((1 + (2 + 3!)) \times (4 \times (5! - 6!))) - 7) \times (8 - 9) &= (9 - 8) \times (7 + ((6! - 5!) \times (4 \times (((3 + 2)! + 1)))) \\
 290408 &:= 1 - ((2 \times (3!! - ((4! + 5) \times (6! \times 7 - 8)))) + 9) &= ((9 + 8! \times 7) - 6!) + ((5! \times ((4! \times 3) + 2)) - 1) \\
 290409 &:= 1 + ((2 + 3!) \times (4^5 + (6 - (7! - 8! + 9)))) &= ((9 + 8! \times 7) - 6!) + (5! \times ((4! \times 3) + 2 \times 1)) \\
 290410 &:= (1 + ((2 + (3 \times 4!)) \times 5!)) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) + ((5! \times ((4! \times 3) + 2)) + 1) \\
 290411 &:= 1 - (2 + (((3 \times 4) + (5! \times 67)) - 8! \times 9)) &= (9 + 8! \times 7) - ((6 \times 5) - (4^{3!} \times 2 \times 1)) \\
 290412 &:= 1 \times 2 \times ((3! - (((4! \times (5! + 6)) - 7!) \times 8)) \times 9) &= (9 + 8! \times 7) - ((6 \times 5) - ((4^{3!} \times 2) + 1)) \\
 290413 &:= 1 + ((2 \times 3! - (4! + ((5! \times 67) - 8!))) \times 9) &= (9 + ((8! + (7! \times 6))/(5 + 4))) \times (3!^2 + 1) \\
 290414 &:= ((1 + (2 \times (3!! + 4!))) \times 5) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + (5 \times (((4! + 3!) \times 2) + 1)) \\
 290415 &:= ((12 \times (3!! - 4!)) - (5! - 6)) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + (6^5)) - 4! + (3!/2 \times 1) \\
 290416 &:= 1 \times ((2 \times ((3!! \times 4) + 5!)) + (6^7 + 8!/9)) &= (((9 + 8!) \times 7) + (6^5)) - 4! + (3!/2 + 1) \\
 290417 &:= 1 + ((2 \times ((3!! \times 4) + 5!)) + (6^7 + 8!/9)) &= 9 + 8! - ((7 + 6!) \times ((5 + ((4! - 3!)/2)) - 1)) \\
 290418 &:= 1 \times (2 \times (3!! + ((4 \times (5! + (6! - (7! - 8!)))) + 9))) &= (9 + (8! + ((7!/6 \times (5! + 4)) + 3!))) \times 2 \times 1 \\
 290419 &:= 1 + (2 \times (3!! + ((4 \times (5! + (6! - (7! - 8!)))) + 9))) &= 9 + 8 + (7 \times (((6 \times (5 + (4!^3)))/2) - 1))
 \end{aligned}$$

$$\begin{aligned}
 290420 &:= (((1+2)^{3!}) + 4) \times 5 + (6 \times (7! + 8!/9)) &= (9 + (((8 + (7 + 6)) \times (5 + (4!^3))) + 2)) \times 1 \\
 290421 &:= (1 + 2)! + (((3!! + 4!) \times (5 + 6)) + 7 \times 8! - 9) &= (9 + (((8 + (7 + 6)) \times (5 + (4!^3))) + 2)) + 1 \\
 290422 &:= 1 - (((2 \times 3! - 4)!/5) - (6 + 7 + 8!)) \times 9 &= ((9 + 8!) \times 7) - (6 - ((5^4) \times (3! \times 2 + 1))) \\
 290423 &:= (1 + 2 \times 3! \times 4) \times (5! + (((6! + 7) \times 8) - 9)) &= (9 \times 8 \times (7! - 6!)) + (5! - (((4! \times 3!)^2) + 1)) \\
 290424 &:= (1 + (2 + 3!)) + (((4^5 + 6 \times 7!) \times 8) - 9) &= (9 + 8! \times 7) - (6 + (((5 - 4^{3!}) \times 2) + 1)) \\
 290425 &:= (1 + (((2^{3!} + 4!) \times 5!) + 6^7)) - 8 \times 9 &= (9 \times 8 \times (7! - 6!)) + (5! - (((4! \times 3!)^2) - 1)) \\
 290426 &:= 1 - ((2 \times (3!! - ((4! + 5) \times (6! \times 7 - 8)))) - 9) &= (9 + 8! \times 7) - ((6 + ((5 - 4^{3!}) \times 2)) - 1) \\
 290427 &:= (((1 + 2)!! + (3! + 4!)) \times (5 + 6)) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + (6^5)) - ((4! - 3!)/2 \times 1) \\
 290428 &:= (1 + ((23^4) + (5^6 - 7! - 8))) + 9 &= (9 + 8! \times 7) - (((6!/5!) - 4^{3!}) \times 2) + 1 \\
 290429 &:= 1 \times (((2 + 3!) \times 4^5) + ((6 + 7 \times 8!) - 9)) &= ((9 + 8! \times 7) - 6) - (5 - ((4^{3!} \times 2) - 1)) \\
 290430 &:= (1 + ((2 + 3!) \times 4^5)) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) - 6) - (5 - (4^{3!} \times 2 \times 1)) \\
 290431 &:= ((1 + ((2 \times ((3 + 4) + 5^6)) + 7!)) \times 8) - 9 &= ((9 + 8! \times 7) - 6) - (5 - ((4^{3!} \times 2) + 1)) \\
 290432 &:= ((1 + (2 \times (3!^4 \times (5! - 6)))) - 7! - 8) - 9 &= (9 + (8! \times 7!/6!)) - (((5 - 4^{3!}) \times 2) - 1) \\
 290433 &:= (1 - (2^{3!} + 4!)) - (((5! \times 67) - 8!) \times 9) &= ((9 - 8) + (7 \times ((6!/5!) + (4!^3)))) \times (2 + 1) \\
 290434 &:= 1 \times (2 \times (((3! \times (4! \times (5! + 6))) + 7) \times 8) + 9)) &= (9 + 8! \times 7) - ((6!/5!) - ((4^{3!} \times 2) - 1)) \\
 290435 &:= 1 + (2 \times (((3! \times (4! \times (5! + 6))) + 7) \times 8) + 9)) &= ((9 + (8! \times 7!/6!)) - 5) + ((4^{3!} \times 2) - 1) \\
 290436 &:= (1 + ((2 + 3!) \times 4^5)) - (6 - (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) - (((5 - 4^{3!}) \times 2) + 1) \\
 290437 &:= 1 \times (((2 + 3!! + 4!) \times (5 + 6)) + 7 \times 8! - 9) &= (9 + (8! \times 7!/6!)) - (5 - ((4^{3!} \times 2) + 1)) \\
 290438 &:= 1 + (((2 + 3!! + 4!) \times (5 + 6)) + 7 \times 8! - 9) &= ((9 + (8! + 7!)) \times 6) + (((5 \times (4! + 3))^2) - 1) \\
 290439 &:= (1 + 2) \times (((3!!/4) + 5^6) - 7! - 8) \times 9 &= ((9 + 8! \times 7) - 6) + ((5 + 4^{3!} \times 2) - 1) \\
 290440 &:= (((12 \times 3!!) - 4) \times (5 \times 6)) + (7 \times 8!/9) &= ((9 + (8! + 7!)) \times 6) + (((5 \times (4! + 3))^2) + 1) \\
 290441 &:= (1 \times 2 + 3!)! + (((4^5 + 6 \times 7!) \times 8) + 9) &= ((9 + 8! \times 7) - 6) + (5 + ((4^{3!} \times 2) + 1)) \\
 290442 &:= (1 + (2 + 3!)) + (((4^5 + 6 \times 7!) \times 8) + 9) &= (((9 + 8!) \times 7) + (6^5 + 4)) + (3!/2 - 1) \\
 290443 &:= (((((12^3) \times 4!) + 5!/6) \times 7) + 8) - 9 &= (9 + 8! \times 7 + 6) - (5 - ((4^{3!} \times 2) + 1)) \\
 290444 &:= ((12 \times (3!! + 4!)) + (5 - (6! - (7 \times 8!)))) - 9 &= (9 + 8! \times 7) - (6 - (((5 + 4^{3!}) \times 2) - 1)) \\
 290445 &:= ((1 + 2)! + ((3 \times (4! \times (5! - 6))) + 7 \times 8!)) - 9 &= (9 + ((8! \times 7!/6!) + 5)) + ((4^{3!} \times 2) - 1) \\
 290446 &:= ((1 + 2)! - (3^4 \times 5!)) + (67 \times (8!/9)) &= (9 + 8! \times 7) - (6 - (((5 + 4^{3!}) \times 2) + 1)) \\
 290447 &:= (((1 \times 2 + 3!) \times 4^5) + (6 + 7 \times 8!)) + 9 &= (((9 \times (8!/7)) + 6!) \times 5) + (4!^3 \times 2 - 1) \\
 290448 &:= (1 + ((2 + 3!) \times 4^5)) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7) + ((6!/5!) + ((4^{3!} \times 2) + 1)) \\
 290449 &:= (1 + 2 \times 3!!) - ((4! \times 5! - (6^7/8)) \times 9) &= (((9 \times (8!/7)) + 6!) \times 5) + (4!^3 \times 2 + 1) \\
 290450 &:= ((1 + (2 \times (3!^4 \times (5! - 6)))) - 7! - 8) + 9 &= 9 + (((8! \times 7!/6!) + ((5 + 4^{3!}) \times 2)) - 1) \\
 290451 &:= 1 - ((2 - (3 \times (4 + 5!))) \times (6! - (7 - 8 \times 9))) &= (9 + 8! \times 7 + 6) + ((5 + 4^{3!} \times 2) - 1) \\
 290452 &:= ((12 \times (3!! + 4!)) - (5 + 6! - (7 \times 8!))) + 9 &= (((9 + 8!) \times 7) + (6^5)) + (((4! + 3!)/2) + 1) \\
 290453 &:= (((12^3) \times 4!) + (5 + 6)) \times 7 + 8 \times 9 &= (9 + 8! \times 7 + 6) + (5 + ((4^{3!} \times 2) + 1)) \\
 290454 &:= ((1 + 2)! + 3!! \times 4!) + ((5! + (6 \times 7! - 8)) \times 9) &= ((9 \times 8) + (((7! \times 6/5) \times 4!) + 3)) \times 2 \times 1 \\
 290455 &:= 1 \times (((2 + 3!! + 4!) \times (5 + 6)) + (7 \times 8! + 9)) &= 9 - (8 - ((7^6) + (5 \times ((4! \times 3!! \times 2) + 1)))) \\
 290456 &:= 1 \times ((2 + 3!) \times (4^5 - ((6 + 7!) - 8! - 9))) &= (9 \times (8 + (7! \times 6))) + (((5 \times (4! + 3))^2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 290457 &:= 1 + ((2 + 3!) \times (4^5 - ((6 + 7!) - 8! - 9))) &= (9 \times (8 + (7! \times 6))) + ((5 \times (4! + 3))^2 \times 1) \\
 290458 &:= 1 \times (2 - (3!! + (4! - ((5 \times (6 + 7)) \times (8!/9)))) &= (9 \times (8 + (7! \times 6))) + (((5 \times (4! + 3))^2) + 1) \\
 290459 &:= (1 \times 2 + ((3 \times (4! \times (5! - 6))) + 7 \times 8!)) + 9 &= (9 + 8! \times 7) - (((6 - 5!) \times (4! \times 3)) - (2 \times 1)) \\
 290460 &:= ((1 + 2) + ((3 \times (4! \times (5! - 6))) + 7 \times 8!)) + 9 &= ((9 \times 8) + (((7! \times 6/5) \times 4!) + 3!)) \times 2 \times 1 \\
 290461 &:= (1 - (2 \times (3!! + ((4! + 5) \times (6 - 7!)))) - 8 \times 9 &= ((9 + 8) + (7^6)) + (5 \times ((4! \times 3!! \times 2) - 1)) \\
 290462 &:= 1 \times (2 + ((3! + 4^5) \times (6 \times ((7 \times 8) - 9)))) &= (((9 + 8!) \times 7) - 6!) + ((5! \times ((4! \times 3) + 2)) - 1) \\
 290463 &:= (1 \times 2 \times ((3!! + 4!) \times 5)) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) + (5! \times ((4! \times 3) + 2 \times 1)) \\
 290464 &:= (1 + ((2 + (3 \times 4!)) \times 5!)) - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) + ((5! \times ((4! \times 3) + 2)) + 1) \\
 290465 &:= 1 \times ((2 \times (3!^4 \times (5! - 6))) - (7! - (8 + 9))) &= ((9 + 8! \times 7) + (6^5)) + (((4! - 3)^2) - 1) \\
 290466 &:= (1 + 2)! + ((3! + 4^5) \times (6 \times ((7 \times 8) - 9))) &= 9 - (8 + (7 \times (((6 - 5!) \times (4 + 3!!/2)) + 1))) \\
 290467 &:= (1 - (2 \times (3 + 4!))) - (((5! \times 67) - 8!) \times 9) &= ((9 + 8! \times 7) + (6^5)) + (((4! - 3)^2) + 1) \\
 290468 &:= ((1 + (2 \times (3!! + 4!))) \times 5) + (6! + (7 \times (8! + 9))) &= (9 + 8! \times 7) - (((6! + (5! - (4! \times 3!!)))/2) + 1) \\
 290469 &:= (1 + 2) + (3^4 \times ((5 \times (6! + (7 - 8))) - 9)) &= (9 + 8! \times 7) - ((6! + (5! - (4! \times 3!!)))/2 \times 1) \\
 290470 &:= (1 - (2 \times (3! \times (4! + (5 - 6!)))) + (7 \times (8! - 9)) &= (9 + 8! \times 7) - (((6! + (5! - (4! \times 3!!)))/2) - 1) \\
 290471 &:= 1 \times (((2 + 3!) \times (4^5 + 6)) + 7 \times 8! - 9) &= ((9 \times (8! - 7!)) + 6!) - (5! + (4!^3 \times 2 + 1)) \\
 290472 &:= (1 + (((2 + 3!) \times (4^5 + 6)) + 7 \times 8!)) - 9 &= 9 - (8 + ((7 \times ((6 - 5!) \times (4 + 3!!/2))) + 1)) \\
 290473 &:= ((1 + 2)! \times 3!^4) + ((56 \times (7! + 8)) + 9) &= ((9 \times (8! - 7!)) + 6!) - ((5! + 4!^3 \times 2) - 1) \\
 290474 &:= (((1 + 2) \times (3! + 4^5)) - 6 - 7!) - 8!/9 &= 9 - ((8 + (7 \times ((6 - 5!) \times (4 + 3!!/2)))) - 1) \\
 290475 &:= ((1 + 2) + (3 \times 4!)) \times (5! - (6! + (7 - 8!/9))) &= (9 + 8! \times 7) - (((6 - 5!) \times 4!) - 3!) \times (2 + 1)) \\
 290476 &:= ((1 - 2 \times 3!) \times 4) - (((5! \times 67) - 8!) \times 9) &= (9 \times (8! - ((7 + 6) \times (5^4)))) + (3!! + (2 - 1)) \\
 290477 &:= 1 \times 2 + (((3!! \times 4! + 5^6) - 7!/8) \times 9) &= (9 \times (8! - ((7 + 6) \times (5^4)))) + (3!! + 2 \times 1) \\
 290478 &:= (1 + 2) + (((3!! \times 4! + 5^6) - 7!/8) \times 9) &= ((9 + 8!) \times 7) - (6 + (((5 - 4^3!) \times 2) + 1)) \\
 290479 &:= (1 + 2) - (3!! + (4 - ((5 \times (6 + 7)) \times (8!/9)))) &= ((9 + 8!) \times 7) - (6 + ((5 - 4^3!) \times 2 \times 1)) \\
 290480 &:= (1 + (((2^3! + 4!) \times 5!) + (6^7 - 8))) - 9 &= ((9 + 8!) \times 7) - ((6 + ((5 - 4^3!) \times 2)) - 1) \\
 290481 &:= (1 + 2)! + (((3!! \times 4! + 5^6) - 7!/8) \times 9) &= 9 + 8! + ((7!/(6 \times 5)) \times (((4! + 3!!) \times 2) + 1)) \\
 290482 &:= ((1 + 2)! - 3!!) - (4 - ((5 \times (6 + 7)) \times (8!/9))) &= ((9 + 8!) \times 7) - (((6!/5!) - 4^3!) \times 2) + 1) \\
 290483 &:= 1 - ((2 + 3!!) - (4 + ((5 \times (6 + 7)) \times (8!/9)))) &= (((9 + 8!) \times 7) - 6) - (5 - ((4^3! \times 2) - 1)) \\
 290484 &:= (1 + 2)! \times (3! \times (4! + ((5 \times (6! - 7)) + 8!/9))) &= (((9 + 8!) \times 7) - 6) - (5 - (4^3! \times 2 \times 1)) \\
 290485 &:= (1 + 2^3!) \times (((4 \times (5 - 6)) - 7) + 8!/9) &= (((9 + 8!) \times 7) - 6) - (5 - ((4^3! \times 2) + 1)) \\
 290486 &:= (((1 + 2) \times (3! + 4^5)) + (6 - 7!)) - 8!/9 &= ((9 + 8!) \times 7!/6!) - (((5 - 4^3!) \times 2) - 1) \\
 290487 &:= (1 - 2 - (3 \times (4! - (5! \times 6!)))) + (7 \times 8!/9) &= (((9 \times 8) + 7) + (6^5)) - 4) \times (3!^2 + 1) \\
 290488 &:= (12 - (3!! + 4)) + ((5 \times (6 + 7)) \times (8!/9)) &= ((9 + 8!) \times 7) - ((6!/5!) - ((4^3! \times 2) - 1)) \\
 290489 &:= ((1 \times 2 + 3!) \times (4^5 + 6)) + (7 \times 8! + 9) &= (((9 + 8!) \times 7!/6!) - 5) + ((4^3! \times 2) - 1) \\
 290490 &:= (1 + (((2 + 3!) \times (4^5 + 6)) + 7 \times 8!)) + 9 &= (((9 + 8!) \times 7) + 6) - (((5 - 4^3!) \times 2) + 1) \\
 290491 &:= ((1 + 2) - (3 \times (4! - (5! \times 6!)))) + (7 \times 8!/9) &= ((9 + 8!) \times 7!/6!) - (5 - ((4^3! \times 2) + 1)) \\
 290492 &:= 1 \times ((2 + 3!) - (((4 + (5! \times 67)) - 8!) \times 9)) &= ((9 + 8!) \times 7) + (6 - (((5 - 4^3!) \times 2) - 1)) \\
 290493 &:= (1 - 2^3!) \times (4! + (5 - (6! - ((7! - 8!/9)))) &= (((9 + 8!) \times 7) - 6) + ((5 + 4^3! \times 2) - 1) \\
 290494 &:= ((1 + 2)! - (3 \times (4! - (5! \times 6!)))) + (7 \times 8!/9) &= (((9 + 8!) \times 7) - 6) + (5 + (4^3! \times 2 \times 1))
 \end{aligned}$$

$$\begin{aligned}
 290495 &:= (1 - (((2^{3!} + 4!) \times 5!) + 6^7)) \times (8 - 9) &= (((9 + 8!) \times 7) - 6) + (5 + ((4^{3!} \times 2) + 1)) \\
 290496 &:= (1 + (((2^{3!} + 4!) \times 5!) + (6^7 + 8))) - 9 &= (((9 + 8!) \times 7) + 6) - (5 - (4^{3!} \times 2 \times 1)) \\
 290497 &:= (1 + ((2 + 3!!) \times 4!)) + ((5! + (6 \times 7! - 8)) \times 9) &= (((9 + 8!) \times 7) + 6) - (5 - ((4^{3!} \times 2) + 1)) \\
 290498 &:= (1 + (((2^{3!} + 4!) \times 5!) + (6^7 - 8))) + 9 &= ((9 + 8!) \times 7) - (6 - (((5 + 4^{3!}) \times 2) - 1)) \\
 290499 &:= (((1 + 2)!! + (3! + 4!)) \times (5 + 6)) + 7 \times 8! + 9 &= (((9 + 8!) \times 7! / 6!) + 5) + ((4^{3!} \times 2) - 1) \\
 290500 &:= (1 + (((2 \times (3!! - 4!)) - 5) \times 6)) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) - (6 - (((5 + 4^{3!}) \times 2) + 1)) \\
 290501 &:= (((1 \times 2 + 3!) \times 4^5) + 6) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7! / 6!) + 5) + ((4^{3!} \times 2) + 1) \\
 290502 &:= (1 + ((2 + 3!) \times 4^5)) + (6 + (7 \times (8! + 9))) &= ((9 + 8!) \times 7) + (((6! / 5!) + ((4^{3!} \times 2) + 1)) \\
 290503 &:= 1 \times (((2 \times ((3 \times 4) + 5^6)) + 7!) \times 8) - 9 &= 9 \times 8 - ((7 - (6! + (5! - 4!))) \times (3!! / 2 - 1)) \\
 290504 &:= (1 \times 2 + 3!) \times (4^5 - (6! \times 7 - 8! - 9)) &= ((9 + 8!) \times 7! / 6!) + (((5 + 4^{3!}) \times 2) - 1) \\
 290505 &:= ((12 \times (3!! + 4!)) + 5!) - (6! - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6) + ((5 + 4^{3!} \times 2) - 1) \\
 290506 &:= ((1 + 2) \times (3! - (4! - (5! \times 6!)))) + (7 \times 8! / 9) &= 9 - (((8! / 7!) - 6!) \times (5! + (4! \times 3! \times 2))) - 1) \\
 290507 &:= 1 + (2 - (3!! - (4! + ((5 \times (6 + 7)) \times (8! / 9)))) &= (((9 + 8!) \times 7) + 6) + (5 + ((4^{3!} \times 2) + 1)) \\
 290508 &:= 1 - ((2 \times (3!! + ((4! + 5) \times (6 - 7!)) + 8))) + 9 &= 9 - (8 - (7 \times ((6 \times (5 + ((4!^3) / 2))) - 1))) \\
 290509 &:= 1 \times (((2 + 3!! + 4!) \times (5 + 6)) + (7 \times (8! + 9))) &= ((9 + 8!) \times 7) - (((6 - 5!) \times (4! \times 3)) + 2 \times 1) \\
 290510 &:= 1 + (((2 + 3!! + 4!) \times (5 + 6)) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) + (((5 + 4^{3!}) \times 2) - 1) \\
 290511 &:= ((1 + 2)!) + (((3!! \times 4 - 5!) / 6) \times (7! / 8)) - 9 &= (9 + ((8! + 7!) / (6 \times 5))) \times ((4! \times (3! + 2)) - 1) \\
 290512 &:= (((1 \times 23)^4) - 5!) + ((6! \times (7 + 8)) - 9) &= (((9 + 8!) \times 7) + 6) + (((5 + 4^{3!}) \times 2) + 1) \\
 290513 &:= (1 \times 2 + (3 \times (4! \times (5! - 6)))) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) - (((6 - 5!) \times (4! \times 3)) - (2 \times 1)) \\
 290514 &:= (1 + (((2^{3!} + 4!) \times 5!) + (6^7 + 8))) + 9 &= 9 - 8 + (((7 \times 6) \times (5 + ((4!^3) / 2))) - 1) \\
 290515 &:= (((((12^3) \times 4) + 5) \times 6 \times 7) - 8) + 9 &= ((9 \times (8! - 7!) - 6) - (((5! / 4)^3) - 2)) - 1 \\
 290516 &:= (1 - ((2 \times (3!! + ((4! + 5) \times (6 - 7!)))) + 8)) - 9 &= ((9 \times (8! - 7!) - 6) - (((5! / 4)^3) - 2)) \times 1 \\
 290517 &:= ((1 + 2)! + (3 \times (4! \times (5! - 6)))) + (7 \times (8! + 9)) &= ((9 \times (8! - 7!) - 6) - (((5! / 4)^3) - 2)) + 1 \\
 290518 &:= ((12 \times (3!! - 4!)) - 5) - (6 - (7 \times (8! - 9))) &= (9 \times (8! - 7!)) - (((6 \times 5!) / 4!)^3) + 2 \times 1) \\
 290519 &:= 1 \times 2 - (3 + (((4! \times (5 \times 67)) - 8!) \times 9)) &= (((9 + 8!) \times 7) + (6^5)) + (((4! - 3)^2) - 1) \\
 290520 &:= ((1 \times 2 \times (3!^4 \times (5! - 6))) - 7!) + 8 \times 9 &= ((9 \times 8) + (7^6)) + ((5 \times (4! \times 3!! \times 2)) - 1) \\
 290521 &:= (((1 \times 2 \times ((3 \times 4) + 5^6)) + 7!) \times 8) + 9 &= (((9 + 8!) \times 7) + (6^5)) + (((4! - 3)^2) + 1) \\
 290522 &:= (((1 + 2)!^{3+4}) + 5^6) - (7! + (8 - 9)) &= ((9 + 8!) \times 7) - (((6! + (5! - (4! \times 3!))) / 2) + 1) \\
 290523 &:= 1 \times 2 - ((3 - 4) + (((5! \times 67) - 8!) \times 9)) &= (((9 \times (8! - 7!)) + 6) - (((5! / 4)^3) + 2)) - 1 \\
 290524 &:= (1 - ((2 \times (3! \times (4! + (5 - 6!)))) - (7 \times 8!))) - 9 &= (((9 \times (8! - 7!)) + 6) - (((5! / 4)^3) + 2)) \times 1 \\
 290525 &:= (((1 + 2)!! + 34) \times (5 + 6)) + 7 \times 8! - 9 &= (((9 \times (8! - 7!)) + 6) - (((5! / 4)^3) + 2)) + 1 \\
 290526 &:= (1 - (2 \times (3!! + (((4! + 5) \times (6 - 7!)) + 8)))) + 9 &= 9 - (((8 - (((7! - 6) \times (5 + 4!)) - 3!)) \times 2) - 1) \\
 290527 &:= ((1 \times 23)^4) + (((5! \times (6! - 7)) / 8) - 9) &= (9 \times (8! - 7!)) + (6 - (((5! / 4)^3) - (2 - 1))) \\
 290528 &:= ((12 \times (3!! - 4!)) + 5) - (6 - (7 \times (8! - 9))) &= (9 \times (8! - 7!)) + (6 - (((5! / 4)^3) - (2 \times 1))) \\
 290529 &:= ((1 + 2)!) + (((3!! \times 4 - 5!) / 6) \times (7! / 8)) + 9 &= (9 + (8! + 7!)) - (6! - (5! \times (4^{3!} / 2 + 1))) \\
 290530 &:= ((12 \times (3!! - 4!)) - 5) + (6 + (7 \times (8! - 9))) &= (9 + 8! \times 7) - (((6 - 5) - 4!) \times 3!! / 2) - 1) \\
 290531 &:= (1 + (2 \times (3!! + ((4! + 5) \times (6 - 7!)))) \times (8 - 9) &= (9 - 8) \times (((((7! - 6) \times (5 + 4!)) - 3!)) \times 2) - 1) \\
 290532 &:= (1 - ((2 \times (3!! + ((4! + 5) \times (6 - 7!)))) - 8)) - 9 &= 9 - (8 - (((((7! - 6) \times (5 + 4!)) - 3!)) \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 290533 &:= (1 - 2 \times 3!) + (4! - (((5! \times 67) - 8!) \times 9)) &= 9 - (8 - (((7! - 6) \times (5 + 4!)) - 3!) \times 2 \times 1)) \\
 290534 &:= (1 - ((2 \times (3!! + ((4! + 5) \times (6 - 7!)))) + 8)) + 9 &= 9 - (8 - (((7! - 6) \times (5 + 4!)) - 3!) \times 2 + 1)) \\
 290535 &:= 1 - (2 \times (3!! + (((4! + 5) \times (6 - 7!)) + (8 - 9)))) &= (9 + 8! \times 7) - (6 \times (((5! - (4 \times 3!)) / 2) - 1)) \\
 290536 &:= (((((1 + 2)^3) + 4!) \times 5!) + 6^7) + 8! / 9 &= (((9 + ((87 + 6!) \times 5!)) - 4) \times 3) + (2 - 1) \\
 290537 &:= 1 + 2 \times 3! + (4 - (((5! \times 67) - 8!) \times 9)) &= (9 + (8! \times 7 + 6!)) + (((5 + 4!) \times 3)^2 - 1) \\
 290538 &:= (1 + 2)!! - ((3 + 4!) \times (((5 - 6!) \times (7 + 8)) - 9)) &= (9 + 8! \times 7) + (6! + (((5 + 4!) \times 3)^2 \times 1)) \\
 290539 &:= (12 + 3) + (4 - (((5! \times 67) - 8!) \times 9)) &= (9 + 8! \times 7) + (6! + (((5 + 4!) \times 3)^2 + 1)) \\
 290540 &:= (1 - (2 \times (3!! + (((4! + 5) \times (6 - 7!)) - 8)))) - 9 &= (9 + 8! \times 7) - ((6 \times (((5 + 4!) - 3!) \times 2)) + 1) \\
 290541 &:= 1 \times ((2 \times (3!! - (4! + 5) \times 6)) + (7 \times 8! + 9)) &= (9 + 8! \times 7) - (6 \times (((5 + 4!) - 3!) \times 2 \times 1)) \\
 290542 &:= (1 - ((2 \times (3! \times (4! + (5 - 6!)))) - (7 \times 8!))) + 9 &= (9 + 8! \times 7) - ((6 \times (((5 + 4!) - 3!) \times 2)) - 1) \\
 290543 &:= ((1 \times 2 + 3!) \times (4^5 + 6)) + (7 \times (8! + 9)) &= (9 \times (8 + ((7! \times 6) + 5!))) + ((4! \times (3! - 2)) - 1) \\
 290544 &:= (1 + ((2 + 3!) \times (4^5 + 6))) + (7 \times (8! + 9)) &= (9 + 8! - 7!) - ((6! - 5) \times (((4 - 3!) / 2) + 1)) \\
 290545 &:= (1 - ((2 - 3!) \times 4!)) + ((5! + (6 \times 7! + 8)) \times 9) &= (9 \times (8 + ((7! \times 6) + 5!))) + ((4! \times (3! - 2)) + 1) \\
 290546 &:= (1 + ((23^4) + ((5! \times (6! - 7)) / 8))) + 9 &= (98 + (7^6)) + ((5 \times (4! \times 3! \times 2)) - 1) \\
 290547 &:= 1 - ((2 + (3 \times (4 - (5! \times 6!)))) - (7 \times 8! / 9)) &= (9 + 8! \times 7) - (6 \times (((5 + 4!) - 3!) \times 2) - 1)) \\
 290548 &:= (1 + ((2 \times 3!! - 45) \times 6)) + (7 \times (8! - 9)) &= 9 + ((8 + (((7! - 6) \times (5 + 4!)) - 3!) \times 2)) - 1) \\
 290549 &:= ((12 \times (3!! - 4!)) + 5! / 6) + (7 \times (8! - 9)) &= (9 \times 8 \times (7! - 6!)) - ((5 \times (4^{3!} + 2)) + 1) \\
 290550 &:= (1 + 2^{3!}) \times ((4! - (5! - (6 + 7! \times 8))) / 9) &= (9 \times (8! - 7!)) - ((6 \times 5) \times (((4! + 3!)^2) - 1)) \\
 290551 &:= ((1 \times 2^{3!}) \times (4 + (5! + 6))) + (7 \times 8! - 9) &= (9 \times 8 \times (7! - 6!)) - ((5 \times (4^{3!} + 2)) - 1) \\
 290552 &:= (1 \times 2 + 3!) \times (4^5 + (6 - (7! - 8! - 9))) &= 9 + 8! + (((7 + 6!) - (5! / 4)) \times (3! / 2 - 1)) \\
 290553 &:= 1 \times (((2 \times (3!! - 4!)) - 5) \times 6) + 7 \times 8! - 9 &= 9 - (8 \times ((7! - (6 - 5!)) - (4^{3!} \times (2 + 1)))) \\
 290554 &:= (1 + (((2 \times (3!! - 4!)) - 5) \times 6)) + (7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) + ((5! + 4^{3!} \times 2) - 1) \\
 290555 &:= 1 - (((2 - (3^4 \times 5)) \times (6! - (7 - 8))) + 9) &= (((9 + 8!) \times 7) + (((6 \times 5) + 4^{3!}) \times 2)) \times 1 \\
 290556 &:= ((1 + 2)!)! + (3! \times (4! \times 5! - (6 - ((7! + 8) \times 9)))) &= ((9 + 8! \times 7) - 6) + (5! + ((4^{3!} \times 2) + 1)) \\
 290557 &:= 1 \times ((23^4) - (((5 - 6!) \times (7 + 8)) + 9)) &= ((9 \times 8 \times (7! - 6!)) - ((5 \times 4^{3!}) + 2)) - 1 \\
 290558 &:= (1 - (2 \times (3!! + (((4! + 5) \times (6 - 7!)) - 8)))) + 9 &= ((9 \times 8 \times (7! - 6!)) - ((5 \times 4^{3!}) + 2)) \times 1 \\
 290559 &:= 1 - (2 - ((3 \times (4! \times (5 \times 6!))) + (7 \times 8! / 9))) &= ((9 \times 8 \times (7! - 6!)) - ((5 \times 4^{3!}) + 2)) + 1 \\
 290560 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times 6!) + ((7! - 8!) / 9) &= (9 + (8! \times 7! / 6!)) + ((5! + 4^{3!} \times 2) - 1) \\
 290561 &:= (((1 + (2 \times 3!^4)) \times (5! - 6)) - (7! - 8)) - 9 &= (9 + (8! \times 7! / 6!)) + (5! + (4^{3!} \times 2 \times 1)) \\
 290562 &:= ((1 + (2 \times 3!^4)) \times (5! - 6)) - ((7! + 8!) / 9) &= (9 + (8! \times 7! / 6!)) + (5! + ((4^{3!} \times 2) + 1)) \\
 290563 &:= (((1 + (2 \times 3!^4)) \times (5! - 6)) - 7! - 8) + 9 &= (((9 + 8!) \times 7) + (6^5)) + (4 \times (((3 + 2)!) + 1)) \\
 290564 &:= 1 \times 2 \times (((3! + 4)^5) - (6 - ((7! - 8) \times 9))) &= (9 + 8! \times 7) + (((6 + 5!) \times ((4^3) + 2)) - 1) \\
 290565 &:= ((1 - (2^{3 \times 4})) \times 5) - ((6! - 7!) \times 8 \times 9) &= (9 \times ((8! + (7! \times 6 - 5!)) / 4!)) \times ((3! \times 2) - 1) \\
 290566 &:= ((1 + 2)!) + ((3! \times 4^5) + 6^7) + 8! / 9 &= (9 + 8! \times 7 + 6) + ((5! + 4^{3!} \times 2) - 1) \\
 290567 &:= (((((1 + 2)!^{3!}) + 4^5) \times 6) + 7) + 8! / 9 &= (9 + 8! \times 7 + 6) + (5! + (4^{3!} \times 2 \times 1)) \\
 290568 &:= (((1 - (2 + 3!)) \times (4 \times (5! - 6!))) + 7!) - 8 \times 9 &= (9 + 8! \times 7 + 6) + (5! + ((4^{3!} \times 2) + 1)) \\
 290569 &:= ((1 \times 2^{3!}) \times (4 + (5! + 6))) + (7 \times 8! + 9) &= (9 \times 8 \times (7! - 6!)) - ((5 \times (4^{3!} - 2)) + 1) \\
 290570 &:= 1 + ((2^{3!} \times (4 + (567 \times 8))) + 9) &= (9 + (8 \times (7 + (6! \times 5 + 4!)))) \times (3^2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 290571 &:= 1 - (2 - ((3 \times (4 + (5! \times 6!))) + (7 \times 8!/9))) &= ((9 \times (8! - (7! - (6 - (5! + (4 \times 3!)))))) - 2) - 1 \\
 290572 &:= (1 + (((2 \times (3!! - 4!)) - 5) \times 6)) + (7 \times 8! + 9) &= (9 + 8! \times 7) - ((6 \times (5 + ((4! - 3!) \times 2))) - 1) \\
 290573 &:= (1 - ((2 - (3^4 \times 5)) \times (6! - (7 - 8)))) + 9 &= ((9 \times (8! - (7! - (6 - (5! + (4 \times 3!)))))) - 2) + 1 \\
 290574 &:= (1 \times 2 + (3 \times (4 + (5! \times 6!)))) + (7 \times 8!/9) &= (9 \times (8! - (7! - 6))) - ((5!/4)^{3!-2-1}) \\
 290575 &:= ((1 + ((2 + 3!)! + (4 \times 5! + 6!))) \times 7) - 8 \times 9 &= (9 \times (8! - (7! - 6))) - (((5!/4)^3) - (2 - 1)) \\
 290576 &:= ((1 + ((2 + 3!)/4!)) \times 5) - (6 - (7 \times (8! - 9))) &= (9 \times (8! - (7! - 6))) - (((5!/4)^3) - (2 \times 1)) \\
 290577 &:= ((1 \times 2^{3!}) \times 4! \times 5) + (6! + (7 \times (8! - 9))) &= (9 + 8! \times 7) - (6 \times ((5 + ((4! - 3!) \times 2)) - 1)) \\
 290578 &:= (1 + (2^{3!} \times 4! \times 5)) + (6! + (7 \times (8! - 9))) &= 9 - (8 - (((7 + (6!/5!)) + (4!^3)) \times 21)) \\
 290579 &:= (((1 + (2 \times 3!^4)) \times (5! - 6)) - (7! - 8)) + 9 &= 9 \times 8 + (7 \times ((6 \times (5 + ((4!^3)/2))) - 1)) \\
 290580 &:= (1 + 2!) - (((3!! \times 4) + (5! - (6 - (7! - 8)))) \times 9) &= 9 - (8 + (((7!/6 - 5) \times ((4! - 3!)/2)) + 1)) \\
 290581 &:= ((1 + 2) \times ((3 + 4)! + ((5 + 6^7) - 8!/9)) &= (9 \times (8! - 7!)) + (6! - (((5 + (4!^3)) \times 2) + 1)) \\
 290582 &:= ((1 + 2^{3!} \times 4!) \times 5) + (6! + (7 \times (8! - 9))) &= (((9 \times (8! - 7!)) + 6!) - ((5 + (4!^3)) \times 2)) \times 1 \\
 290583 &:= (1 + 2)! + (((3! + 4) \times (5! + 6!)) + (7 \times (8! - 9))) &= (9 \times (8! - 7!)) + (6! - (((5 + (4!^3)) \times 2) - 1)) \\
 290584 &:= (1 - (((2 - 3 \times 4!) \times 5!) - 6)) + (7 \times (8! - 9)) &= (9 + 8! \times 7) + ((6!/5 + 4^{3!} \times 2) - 1) \\
 290585 &:= (1 + 2)! - (((3 \times 4!) - 5) \times (6! - (7! + 8 + 9))) &= 9 \times 8 + (((7 \times 6) \times (5 + ((4!^3)/2))) - 1) \\
 290586 &:= (1 + 2)! \times ((((((3 + 4)!/5) \times 6) + 7) \times 8) - 9) &= ((9 \times (8! - 7!)) + 6!) - (5 + (4!^3 \times 2 + 1)) \\
 290587 &:= ((1 + 2)!! + (3!! \times 4! - 5)) + (6 \times ((7! + 8) \times 9)) &= (((9 \times (8! - 7!)) + (6! - 5)) - (4!^3 \times 2)) \times 1 \\
 290588 &:= ((1 + ((2 + 3!)/4!)) \times 5) + (6 + (7 \times (8! - 9))) &= ((9 \times (8! - 7!)) + 6!) - ((5 + 4!^3 \times 2) - 1) \\
 290589 &:= 1 \times ((2 \times ((3!! - (4! - 5)) \times 6)) + (7 \times (8! - 9))) &= ((9 + 8!) \times 7) - (6 \times (((5! - (4 \times 3!))/2) - 1)) \\
 290590 &:= 1 + ((2 \times ((3!! - (4! - 5)) \times 6)) + (7 \times (8! - 9))) &= (9 + 8! \times 7) + (((((6! + 5) \times 4!) - 3!)/2) + 1) \\
 290591 &:= (((1 + 2) \times (((3 + 4)! + 5)) + 6^7) - 8!/9 &= (9 \times (8! - 7!)) + (6 \times 5! - (4!^3 \times 2 + 1)) \\
 290592 &:= (((1 + 2)! + 3!!) \times 4!) + ((5! + (6 \times 7! - 8)) \times 9) &= (9 \times (8 + 7!)) - (6! - (5! \times (4^{3!}/2 + 1))) \\
 290593 &:= (1 + 2 \times 3!!) - ((4^5 - 6! \times 7) \times 8 \times 9) &= (9 \times (8! - 7!)) + (6 \times 5! - (4!^3 \times 2 - 1)) \\
 290594 &:= (1 \times 2 + 3!! \times 4!) + ((5! + (6 \times 7! + 8)) \times 9) &= ((9 + 8!) \times 7) - ((6 \times (((5 + 4!) - 3!)) \times 2)) + 1) \\
 290595 &:= 1 \times ((2 \times ((3!! - (4! + 5)) \times 6)) + (7 \times (8! + 9))) &= (9 + 8! \times 7) - ((6!/5!) \times (((4! - 3!)) \times 2) + 1)) \\
 290596 &:= 1 + ((2 \times ((3!! - (4! + 5)) \times 6)) + (7 \times (8! + 9))) &= ((9 \times (8! - 7!)) + 6!) + (5 - (4!^3 \times 2 + 1)) \\
 290597 &:= ((1 + 2)!! + (3!! \times 4! + 5)) + (6 \times ((7! + 8) \times 9)) &= ((9 \times (8! - 7!)) + 6!) + (5 - (4!^3 \times 2 \times 1)) \\
 290598 &:= ((1 + 2)! + 3!! \times 4!) + ((5! + (6 \times 7! + 8)) \times 9) &= ((9 \times (8! - 7!)) + 6!) + (5 - (4!^3 \times 2 - 1)) \\
 290599 &:= (((1 + 2) \times 3!! - 4!) \times 5) + 6^7 - (8 + 9) &= 9 + 8! + ((7! - (6! + 5)) \times ((4^3) - (2 + 1)!)) \\
 290600 &:= 1 \times ((2 - (3 + 4)) \times (5! - ((6 + 7) \times (8!/9)))) &= 9 + 8! + (((((7! + (6!/5)) \times 4!) + 3!)) \times 2) - 1) \\
 290601 &:= ((1 + 2)!! + ((3 \times 4)^5)) + (6! + (7! \times 8 + 9)) &= (9 \times (8! - 7!)) + ((6! + ((5 - 4!^3) \times 2)) - 1) \\
 290602 &:= ((12 \times (3!! - 4!)) - 5) + (6 + (7 \times 8! + 9)) &= 9 + 8! + (((((7! + (6!/5)) \times 4!) + 3!)) \times 2) + 1) \\
 290603 &:= ((12 \times (3!! - 4!)) + (5!/6 + 7 \times 8!)) - 9 &= (9 \times (8! - 7!)) + (6! + (((5 - 4!^3) \times 2) + 1)) \\
 290604 &:= (((1 + 2) \times ((3!! - 4) \times 5)) + 6^7) - 8 \times 9 &= 9 \times 8 + (((((7! - 6) \times (5 + 4!)) - 3!)) \times 2 \times 1) \\
 290605 &:= (1 - (2 \times (3!! + ((4! + 5) \times (6 - 7!)))) + 8 \times 9 &= 9 \times 8 + (((((7! - 6) \times (5 + 4!)) - 3!)) \times 2) + 1) \\
 290606 &:= (1 + 2)! - (3 + \sqrt{4}) \times (5! - (6 + 7) \times 8!/9) &= ((9 + 8!) \times 7) - (((6 - 5) - 4!) \times (3!/2 + 1)) \\
 290607 &:= (((1 + 2)! \times 3!^4) - 5!) + (6! + 7 \times 8! - 9) &= (9 + 8! \times 7) - ((6!/5!) \times (((4! - 3!)) \times 2) - 1)) \\
 290608 &:= ((1 + 2)!! + (((3 \times 4)^5) + (6! + 7 + 8!)) + 9 &= (((9 + 8!) \times 7) - 6) + ((5! + 4^{3!} \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 290609 &:= (1 + (2^{3!} + 4!)) - (((5! \times 67) - 8!) \times 9) &= (9 + 8! \times 7) + ((6! + (5! - 4)) \times (3^2 + 1)) \\
 290610 &:= 1 \times 2 \times (((3!! \times 4! + (5! + 6) \times 7)) \times 8) + 9 &= (((9 + 8!) \times 7) - 6) + (5! + ((4^{3!} \times 2) + 1)) \\
 290611 &:= 1 + 2 \times 3!! + (((45 + 6) \times 7!) / 8) \times 9 &= (98 + ((7 \times 6) \times (5 + ((4^3) / 2)))) - 1 \\
 290612 &:= ((12 \times (3!! - 4!)) + 5) + (6 + (7 \times 8! + 9)) &= 9 + (((8! + (((7 + (6 + 5))^4) + 3!)) \times 2) - 1) \\
 290613 &:= 1 \times (((2 + (3 \times 4!)) \times (5! - 6)) + (7 \times (8! - 9))) &= 9 + 8! - (((7 - 6!) \times (5! - 4)) - 3!) \times (2 + 1)) \\
 290614 &:= (1 + (((2 \times (3!! - 4!)) + 5) \times 6) + 7 \times 8!) - 9 &= ((9 + 8!) \times 7! / 6!) + ((5! + 4^{3!} \times 2) - 1) \\
 290615 &:= (((1 + 2) \times 3!! - 4!) \times 5) + (6^7 + 8) - 9 &= ((9 + 8!) \times 7! / 6!) + (5! + (4^{3!} \times 2 \times 1)) \\
 290616 &:= (1 + 2)! \times (3!! + ((4 - (5! - 6!)) \times (7 + 8 \times 9))) &= ((9 + 8!) \times 7! / 6!) + (5! + ((4^{3!} \times 2) + 1)) \\
 290617 &:= (((1 + 2) \times 3!! - 4!) \times 5) + 6^7 - (8 - 9) &= (((9 + ((87 + 6!) \times 5!) + 4!)) \times 3) - 2) \times 1 \\
 290618 &:= 1 - (2 - (((3!! + 4!) \times 5) + 6) \times 78) - 9 &= ((9 + 8!) \times 7) + (((6 + 5!) \times ((4^3) + 2)) - 1) \\
 290619 &:= ((12 \times 3!!) - ((45 \times 6) - (7 \times 8!))) + 9 &= (9 \times (8! - (7! - (6 + 5)))) - ((4! + 3!)^{2+1}) \\
 290620 &:= (1 - 2 \times 3!!) - ((4! + 5) \times (6 \times 7! - 8! + 9)) &= (((9 + 8!) \times 7) + 6) + ((5! + 4^{3!} \times 2) - 1) \\
 290621 &:= 1 - (((2 + 3!)! \times 4) + 5!) / 6 + ((7! - 8!) \times 9) &= (((9 + 8!) \times 7) + 6) + (5! + (4^{3!} \times 2 \times 1)) \\
 290622 &:= ((1 + 2)^{3+4}) + (((5! \times (6! - 7)) / 8) - 9) &= (((9 + 8!) \times 7) + 6) + (5! + ((4^{3!} \times 2) + 1)) \\
 290623 &:= ((1 \times 2^{3!}) \times (4 + (5! + 6))) + (7 \times (8! + 9)) &= 9 + (((8 \times 7 + 6) \times 5) + (4!^3 \times 21)) \\
 290624 &:= 1 \times (2^{3!} \times (((4 + 5) \times 6) + 7) + 8! / 9) &= ((9 + 8!) \times 7) - ((6 \times (5 + ((4! - 3!!) \times 2))) + 1) \\
 290625 &:= (((1 + 2)! \times 3!^4) - 5!) + (6! + (7 \times 8! + 9)) &= ((9 + 8! \times 7) + (6^5)) + (4! \times ((3! - 2)! + 1)) \\
 290626 &:= (1 - ((2 - 3 \times 4!) \times 5!)) - (6 - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) - ((6 \times (5 + ((4! - 3!!) \times 2))) - 1) \\
 290627 &:= ((1 + 2^{3!}) \times (4 + (5! + 6))) + (7 \times (8! - 9)) &= 9 - (((8 \times 7) - 6! + 5) \times ((4! - 3!)^2)) + 1 \\
 290628 &:= ((1 + 2)! \times (3! - 4!)) \times (((5 \times (6! - 7!)) / 8) + 9) &= ((9 \times ((8! / 7) - 6! / 5)) / 4) \times ((3! - 2)! - 1) \\
 290629 &:= (-1 + 2) + (((3 \times 4) - ((5! \times 67) - 8!)) \times 9) &= 9 - (((8 \times 7) - 6! + 5) \times ((4! - 3!)^2)) - 1 \\
 290630 &:= 1 - (2 - (((3! + 4) \times (5! + 6!)) + 7 \times 8! - 9)) &= (9 + 8! \times 7) + ((6 \times (5 - ((4! - 3!!) \times 2))) - 1) \\
 290631 &:= 1 - (2 - ((3 \times (4! + (5! \times 6!))) + (7 \times 8! / 9))) &= ((9 + 8!) \times 7) - (6 \times ((5 + ((4! - 3!!) \times 2)) - 1)) \\
 290632 &:= (1 + (((2 \times (3!! - 4!)) + 5) \times 6) + 7 \times 8!) + 9 &= (9 + 8! \times 7) + ((6 \times (5 - ((4! - 3!!) \times 2))) + 1) \\
 290633 &:= 1 \times (2 + (((3! + 4) \times (5! + 6!)) + 7 \times 8! - 9)) &= (9 - 8) \times (7 \times (6! + ((5! \times 4) + ((3! + 2)! - 1)))) \\
 290634 &:= 1 \times (2 + ((3 \times (4! + (5! \times 6!))) + (7 \times 8! / 9))) &= (9 - 8) \times ((7! + (6 - 5!)) \times (((4! + 3!) \times 2) - 1)) \\
 290635 &:= 1 + (2 + ((3 \times (4! + (5! \times 6!))) + (7 \times 8! / 9))) &= 9 - 8 + ((7! + (6 - 5!)) \times (((4! + 3!) \times 2) - 1)) \\
 290636 &:= ((1 + 2^{3!} \times 4!) \times 5) + (6! + 7 \times 8! - 9) &= (-9 + (8 \times (7 \times 6))) + (5 + (4!^3 \times 21)) \\
 290637 &:= (1 - (2 \times (3 - 4!))) \times ((5 \times (6! + 7! / 8)) + 9) &= (9 + 8! \times 7) + (6 \times (5 - (((4! - 3!!) \times 2) - 1))) \\
 290638 &:= (1 - (((2 - 3 \times 4!) \times 5!) - 6)) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) + ((6! / 5 + 4^{3!} \times 2) - 1) \\
 290639 &:= (1 - (((2 + 3!)! + (4 \times 5! + 6!)) \times 7)) \times (8 - 9) &= (9 \times (8! - 7!)) + (((6! + 5!) \times (4 - 3!^2)) - 1) \\
 290640 &:= (1 + (((2 + 3!)! + (4 \times 5! + 6!)) \times 7) + 8) - 9 &= ((9 + 8!) \times 7) + (6! / 5 + ((4^{3!} \times 2) + 1)) \\
 290641 &:= (1 + ((2 + 3!!) \times 4!)) + ((5! + (6 \times 7! + 8)) \times 9) &= (9 \times (8! - 7!)) + (((6! + 5!) \times (4 - 3!^2)) + 1) \\
 290642 &:= ((1 + ((2 + 3!)! / 4!)) \times 5) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) - 6) + ((5! \times ((4! \times 3) - 2)) - 1) \\
 290643 &:= 1 \times (((2 \times 3!! - (4! + 5)) \times 6) + (7 \times (8! - 9))) &= ((9 + 8!) \times 7) + (((6! + 5) \times 4!) - 3!) / 2 \times 1) \\
 290644 &:= (1 - (2 \times (3! \times (4! - (5 + 6!)))) + (7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) + ((5! \times ((4! \times 3) - 2)) + 1) \\
 290645 &:= 1 \times ((23^4) - (5 - ((6! \times (7 + 8)) + 9))) &= (9 \times (((87 \times 6) + ((5! / 4!)^{3!})) \times 2)) - 1 \\
 290646 &:= ((1 + ((2 + 3!)! + (4 \times 5! + 6!))) \times 7) + (8 - 9) &= (9 + (8! \times 7 + 6!)) + ((5! \times (4^3)) - 2 - 1)
 \end{aligned}$$

$$\begin{aligned}
 290647 &:= 1 + ((2 + (3 \times ((4! + (5! - 6)) \times 78))) \times 9) &= (9 + (8! \times 7 + 6!)) + ((5! \times (4^3)) - (2 \times 1)) \\
 290648 &:= (1 - (((2 \times ((3 - 4!) - 5^6)) - 7!) \times 8)) - 9 &= 9 + 8! + ((7 \times ((6! - (5! - (4! \times 3!))) \times 2)) - 1) \\
 290649 &:= ((1 \times 2^{3!}) \times 4! \times 5) + (6! + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - ((6!/5!) \times (((4! - 3!)) \times 2) + 1) \\
 290650 &:= (1 + (2^{3!} \times 4! \times 5)) + (6! + (7 \times 8! + 9)) &= ((9 + (8 \times ((7 + 6!) \times 5))) - 4!) \times (3^2 + 1) \\
 290651 &:= 1 \times (2 + (((3! + 4) \times (5! + 6!)) + (7 \times 8! + 9))) &= 9 \times 8 - (((7!/6 - 5) \times ((4! - 3!)/2)) + 1) \\
 290652 &:= 1 + (2 + (((3! + 4) \times (5! + 6!)) + (7 \times 8! + 9))) &= 9 \times 8 - ((7!/6 - 5) \times ((4! - 3!)/2 \times 1)) \\
 290653 &:= T((-1) - 2 + T(3)! + T(T(4))) - T(T(T(5))) - T(6 + 7 + 8 + 9) &= 9 \times 8 - (((7!/6 - 5) \times ((4! - 3!)/2)) - 1) \\
 290654 &:= ((1 + 2^{3!} \times 4!) \times 5) + (6! + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + ((5! \times ((4! \times 3) - 2)) - 1) \\
 290655 &:= (1 + 2)! + (((3! + 4) \times (5! + 6!)) + (7 \times 8! + 9)) &= (9 + 8! \times 7) - (6 \times (((5 \times 4) - 3!) \times 2) - 1) \\
 290656 &:= (1 - (((2 - 3 \times 4!) \times 5!) - 6)) + (7 \times 8! + 9) &= (9 + 8! \times 7 + 6) + ((5! \times ((4! \times 3) - 2)) + 1) \\
 290657 &:= 1 \times (((2 + 3!)! + (4 \times 5! + 6!)) \times 7) + 8 + 9 &= 9 + 8 - (7!/6 \times (((5!/4) - 3!)/2) - 1) \\
 290658 &:= (1 + (((2 + 3!)! + (4 \times 5! + 6!)) \times 7) + 8) + 9 &= 9 + 8 + ((7 \times (6! + ((5! \times 4) + (3! + 2)!))) + 1) \\
 290659 &:= (((1 + 2) \times ((3! - 4) \times 5)) + 6^7) - 8 - 9 &= (((9 \times 8) - 7 + 6) \times 5) + (4!^3 \times 21) \\
 290660 &:= ((1 + ((2 + 3!)!/4!)) \times 5) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7) + (((6! + (5 - 4!)) \times 3! \times 2) - 1) \\
 290661 &:= 1 - (((2 + 3!)! \times 4 - 5!)/6) + ((7! - 8!) \times 9) &= ((9 + 8!) \times 7) - ((6!/5!) \times (((4! - 3!)) \times 2) - 1) \\
 290662 &:= 1 + ((2 \times ((3! - (4! - 5)) \times 6)) + (7 \times 8! + 9)) &= ((9 \times (((8!/7 + 6!) \times 5) - 4!)) - (3! + 2)) \times 1 \\
 290663 &:= 1 - ((2 + 3!) - (456 \times (7!/8 + 9))) &= ((9 + 8!) \times 7) + ((6! + (5! - 4)) \times (3^2 + 1)) \\
 290664 &:= (1 - 2 \times 3!) \times ((4! \times 5! - ((6! + 7) \times 8)) \times 9) &= (9 + (8! - 7) \times 6) + (((5 + 4!)^3) \times 2) - 1) \\
 290665 &:= (1 - ((2 \times 3!)^4)) + ((5 - 6! + 7!) \times 8 \times 9) &= (9 \times 8 \times (7! - 6! + 5)) - ((4! \times 3!)^2) - 1) \\
 290666 &:= (1 - (((2 \times ((3 - 4!) - 5^6)) - 7!) \times 8)) + 9 &= 9 + (((8! - 7) \times 6) + (((5 + 4!)^3) \times 2) + 1) \\
 290667 &:= 1 \times (((2 + (3 \times 4!)) \times (5! - 6)) + 7 \times 8! - 9) &= (9 + 8! \times 7) + (6 \times (((5 - (4! - 3!)) \times 2) + 1)) \\
 290668 &:= (1 + (((2 + (3 \times 4!)) \times (5! - 6)) + 7 \times 8!)) - 9 &= (9 + 8! \times 7) - (((6 - 5! - 4^{3!}) \times 2) + 1) \\
 290669 &:= -1 + (2 \times (((3! + (4! \times ((5! \times 6) + 7))) \times 8) - 9)) &= 9 + ((8! \times 7) - ((6 - 5! - 4^{3!}) \times 2 \times 1)) \\
 290670 &:= 1 \times (2 \times (((3! + (4! \times ((5! \times 6) + 7))) \times 8) - 9)) &= ((9 + 8! \times 7) - 6!) - (5! - ((4! - 3)^{2+1})) \\
 290671 &:= 1 + (2 \times (((3! + (4! \times ((5! \times 6) + 7))) \times 8) - 9)) &= (-9 + (8 \times ((7 \times 6) + 5))) + (4!^3 \times 21) \\
 290672 &:= 1 - (2 - (((3!^4 + 5!) \times 6) + (7 \times (8! - 9)))) &= 9 - ((8 \times ((7 - 6!) \times 5)) - ((4^3)^2 - 1)) \\
 290673 &:= ((1 + 2)! + ((3!^{4-5+6}) + (7 \times (8! - 9)))) &= ((9 + 8! \times 7) + (6^5)) - ((4! \times 3) - ((2 + 1)!)) \\
 290674 &:= (1 + (2^{3!} \times (4! + 5!))) - (6! - (7 \times (8! - 9))) &= (9 - (8 \times ((7 - 6!) \times 5))) + ((4^3)^2 + 1) \\
 290675 &:= 1 \times (2 + (((3!^4 + 5!) \times 6) + (7 \times (8! - 9)))) &= 9 + (((8! \times 7) - 6) + ((5! + 4^{3!}) \times 2 \times 1)) \\
 290676 &:= 1 + (2 + (((3!^4 + 5!) \times 6) + (7 \times (8! - 9)))) &= (9 + 8! \times 7) - (6 - (((5! + 4^{3!}) \times 2) + 1)) \\
 290677 &:= 1 - (2 \times (3! + (((4! + 5) \times (6 - 7!)) - 8 \times 9))) &= (9 + ((8! + ((7 + 6) \times (5^4))) \times 3!)) - 2 \times 1 \\
 290678 &:= (((1 + 2)! \times 3!^4) + (5 + 6!)) + (7 \times (8! - 9)) &= (((9 + 8) \times (7 + 6)) - 5!) \times (4 \times 3! - (2 \times 1)) \\
 290679 &:= 1 \times ((2 \times ((3! + (4! \times ((5! \times 6) + 7))) \times 8)) - 9) &= (((9 + 8!) \times 7) + (6^5)) + (4! \times ((3! - 2)! + 1)) \\
 290680 &:= 1 + ((2 \times ((3! + (4! \times ((5! \times 6) + 7))) \times 8)) - 9) &= (9 + (8! \times 7!/6!)) + (((5! + 4^{3!}) \times 2) - 1) \\
 290681 &:= (((1 + 2^{3!}) \times (4 + (5! + 6))) + 7 \times 8!) - 9 &= ((9 + 8 \times 7) \times ((6 \times (5^4) + 3! + 2)) + 1) \\
 290682 &:= 1 \times 2 \times (((3^4 + 5!) \times 6!) + (7!/8 - 9)) &= 9 - (((8! - 7!/6!) - 5!) \times (4^{3!} - 2)) + 1) \\
 290683 &:= (1 + (2 \times 3^4)) - (((5! \times 67) - 8!) \times 9) &= (9 + (8 \times ((7!/6 + 5) \times 43))) - (2 + 1)! \\
 290684 &:= 1 \times 2 \times ((3! + 4)^5 + (((6 + 7!) - 8) \times 9)) &= (9 + 8! \times 7) - (((6 - 5!) \times ((4! \times 3) + 2)) + 1)
 \end{aligned}$$

$$\begin{aligned} 290685 &:= 1 \times (((2 \times (3! - 4!)) + 5) \times 6) + (7 \times (8! + 9)) &= (9 + 8! \times 7) - ((6 - 5!) \times ((4! \times 3) + 2 \times 1)) \\ 290686 &:= (1 + (((2 + (3 \times 4!)) \times (5! - 6)) + 7 \times 8!)) + 9 &= (9 + 8! \times 7) - (((6 - 5!) \times ((4! \times 3) + 2)) - 1) \\ 290687 &:= (1 + 2)! - (((3 \times 4!) - 5) \times (6! - 7! - 8)) + 9 &= (9 + 8! \times 7) + (6 + ((5! + 4^{3!}) \times 2 \times 1)) \\ 290688 &:= (1 \times 2^{3!}) \times ((4 \times 5 + 6 \times 7) + 8!/9) &= (9 + 8! \times 7) + (6 + (((5! + 4^{3!}) \times 2) + 1)) \\ 290689 &:= 1 + ((2 + 3!) \times (4! \times (5 + (6! + 789)))) &= (9 + 8! \times 7) + ((6! + (5! + 4)) \times (3^2 + 1)) \\ 290690 &:= 1 \times 2 \times (((3! + 4)^5) - (6 - (7! + 8! - 9))) &= 9 + 8 + (((76 - 5) \times (4^{3!} - 2)) - 1) \\ 290691 &:= 1 + (2 - (3 \times (4^5 - ((6! + 7!) \times (8 + 9)))) &= ((9 + 8!) \times 7) + (6 \times (5 - (((4! - 3!)) \times 2) - 1)) \\ 290692 &:= (1 + (2 \times (((3^4 + 5!) \times 6!) + 7!/8))) - 9 &= (9 + 8! \times 7) + (((6 + 5!) + 4^{3!}) \times 2) - 1 \\ 290693 &:= (1 - (2 \times (3! + 4!))) \times (5! - ((6 + 7!) - 8 + 9)) &= (((9 - (8 \times 7)) - 6!) \times (5 - (4! + 3!/2))) \times 1 \\ 290694 &:= (1 + 2)! - (3 \times (4^5 - ((6! + 7!) \times (8 + 9)))) &= (9 + 8! \times 7) + (((6 + 5!) + 4^{3!}) \times 2) + 1 \\ 290695 &:= 1 \times (((2 \times ((3! \times 4) + 5^6)) + 7!) \times 8) - 9 &= (9 + (8 \times ((7!/6 + 5) \times 43))) + (2 + 1)! \\ 290696 &:= 1 + (((2 \times ((3! \times 4) + 5^6)) + 7!) \times 8) - 9 &= (((9 + 8!) \times 7) - 6) + ((5! \times ((4! \times 3) - 2)) - 1) \\ 290697 &:= ((1 + 2^{3!}) \times 4! \times 5) + (6! + (7 \times (8! - 9))) &= (((9 - (8 - 7)))! \times 6) + (((5 + 4!)^3) \times 2) - 1 \\ 290698 &:= (1 + ((2 \times 3!! - (4! + 5)) \times 6)) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6) + ((5! \times ((4! \times 3) - 2)) + 1) \\ 290699 &:= 1 \times ((2 \times (((3! + 4)^5) - (6 - (7! + 8!)))) - 9) &= (9 \times ((8!/7 + 6!) \times 5)) - ((4! + 3!)^2) + 1 \\ 290700 &:= (1 + (2 \times (((3! + 4)^5) - (6 - (7! + 8!)))) - 9) &= ((9 + (8!/(7 \times 6))) \times (5!/4)) \times (3^2 + 1) \\ 290701 &:= -1 - (2 \times (3!! - (((4! + 5) \times 6! \times 7) - 89))) &= (9 \times ((8!/7 + 6!) \times 5)) - ((4! + 3!)^2) - 1 \\ 290702 &:= 1 - (2 - (((3! + 4) \times (5! + 6!)) + (7 \times (8! + 9)))) &= ((9 \times (8! - (7! + ((6! + 5) \times 4)))) - 3!) + (2 \times 1) \\ 290703 &:= ((1 \times 2^{3!}) \times 4! \times 5) + (6! + (7 \times (8! + 9))) &= (9 + 8! \times 7) - (6 \times ((5!/4) - (3! \times 2 - 1))) \\ 290704 &:= (1 + ((2 \times 3!! - (4! - 5)) \times 6)) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + 6!) + ((5! \times (4^3)) + (2 - 1)) \\ 290705 &:= 1 \times (2 + (((3! + 4) \times (5! + 6!)) + (7 \times (8! + 9)))) &= (9 + ((8 + (7! \times 6/5)) \times 4 \times 3!)) \times 2 - 1 \\ 290706 &:= 1 \times (2 \times (((3!! + (4! \times ((5! \times 6) + 7))) \times 8) + 9)) &= ((9 + 8 \times 7! \times 6) + (((5 + 4!)^3) \times 2)) - 1 \\ 290707 &:= 1 + (2 \times (((3!! + (4! \times ((5! \times 6) + 7))) \times 8) + 9)) &= ((9 + 8 \times 7! \times 6) + (((5 + 4!)^3) \times 2)) \times 1 \\ 290708 &:= ((1 + 2^{3!} \times 4!) \times 5) + (6! + (7 \times (8! + 9))) &= ((9 - (8 \times (7 - 6!))) \times 5) + ((4^{3^2}) - 1) \\ 290709 &:= 1 - (2 - ((3! + 4) \times ((5 \times ((6! + 7) \times 8)) - 9))) &= ((9 + 8! - 7) \times 6) + (((5 + 4!)^3) \times 2) - 1 \\ 290710 &:= (1 + (2 \times (((3^4 + 5!) \times 6!) + 7!/8))) + 9 &= ((9 - (8 \times (7 - 6!))) \times 5) + ((4^{3^2}) + 1) \\ 290711 &:= 1 \times (2 - ((3 - (4! - ((5! \times 67) - 8!))) \times 9)) &= ((9 \times (8! - 7!)) + 6!) + (5! - (4!^3 \times 2 + 1)) \\ 290712 &:= 1 \times 2 + ((3! + 4) \times ((5 \times ((6! + 7) \times 8)) - 9)) &= (9 \times ((8!/7 + 6!) \times 5)) - (4! \times (3!^2 + 1)) \\ 290713 &:= 1 \times (((2 \times ((3! \times 4) + 5^6)) + 7!) \times 8) + 9 &= ((9 \times (8! - 7!)) + 6!) + (5! - (4!^3 \times 2 - 1)) \\ 290714 &:= 1 + (((2 \times ((3! \times 4) + 5^6)) + 7!) \times 8) + 9 &= (9 + 8! \times 7) - ((6 \times ((5 + 4!) - 3! \times 2)) + 1) \\ 290715 &:= 1 + (2 \times ((3! + 4)^5 + (6 + (7! + 8! - 9)))) &= (9 + 8 \times 7!) + (6 \times ((5 + 4!) \times (3! \times 2 - 1))) \\ 290716 &:= (1 - (((2 - (3!^4 + 5!)) \times 6) - (7 \times 8!))) - 9 &= (9 + 8! \times 7) - ((6 \times ((5 + 4!) - 3! \times 2)) - 1) \\ 290717 &:= (((((1 + 2) \times 3!! - 4) \times 5) + 6^7) - 8) + 9 &= (9 - 8) \times ((7 - (6! + 5!)) \times (((4! - 3!)/2) - 1)) \\ 290718 &:= (1 + (2 \times (((3! + 4)^5) - (6 - (7! + 8!)))) + 9 &= (((9 + 8! \times 7) + (6^5)) - (4! - (3! - 2))) - 1 \\ 290719 &:= ((1 + ((2 + 3!)! + (4 \times 5! + 6!))) \times 7) + 8 \times 9 &= (((9 + 8! \times 7) + (6^5)) - (4! - (3! - 2))) \times 1 \\ 290720 &:= (1 \times 2 \times (3! + 4)^5) - ((6 \times 7! - 8!) \times 9) &= (((9 + 8! \times 7) + (6^5)) - (4! - (3! - 2))) + 1 \\ 290721 &:= (1 + (2 \times (3! + 4)^5)) - ((6 \times 7! - 8!) \times 9) &= ((9 + 8!) \times 7) + (6 \times (((5 - (4! - 3!)) \times 2) + 1)) \\ 290722 &:= (((1 + 2)! \times 3!^4) - (5 - 6!)) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) - (((6 - 5! - 4^{3!}) \times 2) + 1) \end{aligned}$$

$$\begin{aligned}
 290723 &:= 1 \times ((2 \times ((3! + 4)^5 + (6 + (7! + 8!)))) - 9) &= ((9 + 8!) \times 7) - ((6 - 5! - 4^3!) \times 2 \times 1) \\
 290724 &:= 1 + ((2 \times ((3! + 4)^5 + (6 + (7! + 8!)))) - 9) &= 9 - ((8 + 7) \times (6! + (((5! - (4!/3)!) / 2) - 1))) \\
 290725 &:= 1 \times ((23^4) + (((5 + 6!) \times (7 + 8)) + 9)) &= ((9 + ((8! \times 7) / 6!)) \times (5 + 4!)) \times ((3! - 2)! + 1) \\
 290726 &:= 1 - (2 - (((3!^4 + 5!) \times 6) + 7 \times 8! - 9)) &= (((9 + 8! + ((7 + 6) \times (5^4))) \times 3!) + 2) \times 1 \\
 290727 &:= 1 + (2 \times (((3! + 4)^5) - (6 - (7! + 8! + 9)))) &= ((9 + ((8! \times 7) / 6!)) \times (5! / 4! + 3!)) + (2 \times 1) \\
 290728 &:= (1 + (2^{3!} \times (4! + 5!))) - (6! - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) - (6 - (((5! + 4^3!) \times 2) - 1)) \\
 290729 &:= (1 \times 2 + (((3!^4 + 5!) \times 6) + 7 \times 8!)) - 9 &= 9 + (8! \times 7 + (((6! / 5 + 4^3!) \times 2 \times 1)) \\
 290730 &:= 1 \times 2 \times (3 \times (((4^5 - (6 - 7!)) \times 8) - 9)) &= ((9 + 8!) \times 7) - (6 - (((5! + 4^3!) \times 2) + 1)) \\
 290731 &:= -1 - (2 - (34 \times (5 \times 6! + (7! - 89)))) &= ((9 + ((8! \times 7) / 6!)) \times (5! / 4! + 3!)) + (2 + 1)! \\
 290732 &:= 1 \times 2 + (3! \times (((4^5 - (6 - 7!)) \times 8) - 9)) &= (9 \times (8! - 7!)) - (((6 \times 5!) + 4) \times (3!^2 + 1)) \\
 290733 &:= (1 + 2) + (3! \times (((4^5 - (6 - 7!)) \times 8) - 9)) &= ((9 + 8! \times 7) + (6^5)) - ((4 \times 3) - ((2 + 1)!)) \\
 290734 &:= (1 - (((2 - (3!^4 + 5!)) \times 6) - (7 \times 8!))) + 9 &= (((9 + 8!) \times 7! / 6!) + ((5! + 4^3!) \times 2)) - 1 \\
 290735 &:= (((1 + 2)!! / 3) \times 45) + 6^7 + (8 - 9) &= (((9 + 8!) \times 7! / 6!) + ((5! + 4^3!) \times 2)) \times 1 \\
 290736 &:= 1 \times 2 \times ((3 - ((4! \times (5! + 6)) - 7!)) \times 8 \times 9) &= (((9 + 8!) \times 7! / 6!) + ((5! + 4^3!) \times 2)) + 1 \\
 290737 &:= 1 \times ((23^4) + (((5! \times (6! + 7)) / 8) - 9)) &= (9 \times ((8! / 7 + 6!) \times 5)) - ((4! \times (3!^2)) - 1) \\
 290738 &:= 1 \times 2 \times ((3! + 4)^5 + ((6! \times 7) + 8! + 9)) &= ((9 + 8!) \times 7) - (((6 - 5!) \times ((4! \times 3) + 2)) + 1) \\
 290739 &:= (1 + 2) - (((((3 + 4)!) / 5) - 6 - 7!) \times 8 \times 9) &= ((9 + 8! \times 7) - 6) - (5! - (4! \times (3! / 2 - 1))) \\
 290740 &:= (1 + (((2 + (3!^4 + 5!)) \times 6) + 7 \times 8!)) - 9 &= ((9 + 8!) \times 7) - (((6 - 5!) \times ((4! \times 3) + 2)) - 1) \\
 290741 &:= (1 \times 2 \times ((3! + 4)^5 + (6 + (7! + 8!)))) + 9 &= ((9 + 8!) \times 7) + (6 + ((5! + 4^3!) \times 2 \times 1)) \\
 290742 &:= (1 + 2)! - (((((3 + 4)!) / 5) - 6 - 7!) \times 8 \times 9) &= ((9 + 8!) \times 7) + (6 + (((5! + 4^3!) \times 2) + 1)) \\
 290743 &:= 1 \times (((2 + 3!^4) \times (5! + ((6 + 7) \times 8))) - 9) &= ((9 + 8!) \times 7) + ((6! + (5! + 4)) \times (3^2 + 1)) \\
 290744 &:= (1 + ((2 + 3!^4) \times (5! + ((6 + 7) \times 8)))) - 9 &= (9 + 8! \times 7) - (6! - (((5! - (4 \times 3!))^2) - 1)) \\
 290745 &:= ((1 + 2)^{3!}) + ((4! \times (((5! \times 6!) - 7!) / 8)) + 9) &= ((9 + (8! \times 7! / 6!)) - 5!) + (4! \times (3! / 2 - 1)) \\
 290746 &:= (1 + (2^{3!} \times (4! + 5!))) - (6! - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + (((6 + 5!) + 4^3!) \times 2) - 1 \\
 290747 &:= 1 - (2 \times (3! - (((4! + 5) \times ((6 + 7!) - 8)) - 9))) &= ((9 + 8! \times 7) + ((6^{5! / 4!}) + 3! + 2)) \times 1 \\
 290748 &:= (1 + 2)! \times ((3 + ((4^5 - (6 - 7!)) \times 8)) - 9) &= (9 + ((8! + 7) \times 6)) + (((5 + 4!)^3) \times 2) - 1 \\
 290749 &:= ((12 \times 3!) + (4 - (5! + (6 - (7 \times 8!)))) - 9) &= (9 + ((8! + 7) \times 6)) + (((5 + 4!)^3) \times 2 \times 1) \\
 290750 &:= 1 \times (2 \times ((3! + 4)^5 + (6 + (7! + 8! + 9)))) &= (9 + ((8! + 7) \times 6)) + (((5 + 4!)^3) \times 2) + 1 \\
 290751 &:= ((1 + 2^{3!}) \times 4! \times 5) + (6! + 7 \times 8! - 9) &= ((9 + 8 \times 7!) \times 6) + (((5 + 4!)^3) \times 2) - 1 \\
 290752 &:= (1 + ((2 \times 3! - 4 \times 5) \times 6)) + (7 \times 8! - 9) &= ((9 + 8 \times 7!) \times 6) + (((5 + 4!)^3) \times 2 \times 1) \\
 290753 &:= (1 + (((2 + 3!)! - (4! + (5! - 6!))) \times 7)) + 8! / 9 &= ((9 + 8 \times 7!) \times 6) + (((5 + 4!)^3) \times 2) + 1 \\
 290754 &:= (1 + 2)!! - (((3 \times (4^5 - 6)) + 7! - 8!) \times 9) &= 9 - (8 - (((7 + 6!) - 5!) \times ((4 \times ((3 + 2)!) - 1))) \\
 290755 &:= (((1 + 2) \times 3! + 4) \times 5) + 6^7 + (8 - 9) &= (((9 + 8) \times ((7! / 6!)^5) - 4) + ((3! + (2 - 1)))! \\
 290756 &:= 1 \times (2 \times (((3! + 4)^5) - ((6 - 7! - 8) \times 9))) &= (((9 + 8) \times ((7! / 6!)^5) + ((4 + 3)!) - (2 + 1) \\
 290757 &:= 1 + (2 \times (((3! + 4)^5) - ((6 - 7! - 8) \times 9))) &= ((9 + 8!) \times 7) - (6 \times ((5! / 4) - (3! \times 2 - 1))) \\
 290758 &:= (1 + (((2 + (3!^4 + 5!)) \times 6) + 7 \times 8!)) + 9 &= ((9 + 8) \times ((7! / 6!)^5) + (((4 + 3)!) - (2 - 1)) \\
 290759 &:= 1 - (2 + (3! + (4! \times (5 - ((6! + 7! / 8) \times 9)))) &= ((9 \times 8 \times (7! - 6!)) - 5!) - (((4! / 3!) / 2) + 1) \\
 290760 &:= 1 - (((2 - (3! \times (4^5 - (6 - 7!)))) \times 8) + 9) &= (9 \times (8! - 7!)) - (6! + (5! \times ((4! \times (3^2)) + 1)))
 \end{aligned}$$

$$\begin{aligned}
 290761 &:= 1 \times (((2 + 3!^4) \times (5! + ((6 + 7) \times 8))) + 9) &= ((9 \times 8 \times (7! - 6!)) - 5!) - (((4!/3)!/2) - 1) \\
 290762 &:= 1 \times (2 - (3!! + (4! \times (5 - ((6! + 7!/8) \times 9)))) &= ((9 + 8! \times 7) - 6) - (5! - (4! \times 3!!/2 - 1)) \\
 290763 &:= 1 + (2 - (3!! + (4! \times (5 - ((6! + 7!/8) \times 9)))) &= ((9 + 8! \times 7) - 6) + (5! \times ((4! \times 3) - (2 - 1))) \\
 290764 &:= (((1 + 2)^{3!+4}) \times 5) + 6) - (7 + 8!/9) &= ((9 + 8! \times 7) - 6) - (5! - ((4! \times 3!!/2) + 1)) \\
 290765 &:= (((1 + 2)^{3!+4}) \times 5) - ((6! \times 7 \times 8)/9) &= ((9 \times ((8! - (7 + 6)) - ((5 \times 4)^3))) + 2) \times 1 \\
 290766 &:= 1 \times (2 \times ((3 \times ((4^5 - (6 - 7!)) \times 8)) - 9)) &= ((9 \times ((8! - (7 + 6)) - ((5 \times 4)^3))) + 2) + 1 \\
 290767 &:= 1 + (2 \times ((3 \times ((4^5 - (6 - 7!)) \times 8)) - 9)) &= ((9 + 8! \times 7) + (6^5 + (4! + 3!))) - 2 \times 1 \\
 290768 &:= ((12 \times (3!! - 4)) + 5) - (6 - (7 \times (8! - 9))) &= ((9 + (8! \times 7!/6!)) - 5!) + (4! \times 3!!/2 - 1) \\
 290769 &:= ((1 + 2^{3!}) \times 4! \times 5) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + (5! \times ((4^3) + (2 - 1))) \\
 290770 &:= 1 - ((2 \times (3! \times (4 - 5! \times 6))) - (7 \times (8! - 9))) &= ((9 + (8! \times 7!/6!)) - 5!) + ((4! \times 3!!/2) + 1) \\
 290771 &:= (((1 + 2)^{3!+4}) \times 5) + 6) - (7! \times 8/9) &= ((9 + 8! \times 7) + (6^5 + (4! + 3!! + 2))) \times 1 \\
 290772 &:= (1 \times 2 - (((3! - 4!) \times (5^6)) - 7!)) + 8!/9 &= 9 - (((((8 - (7! + 6)) \times (5 + 4!)) + 3!!) \times 2) + 1) \\
 290773 &:= ((1 + 2) - (((3! - 4!) \times (5^6)) - 7!)) + 8!/9 &= (((((9 + 8!) \times 7) + (6^5)) - (4! - (3!! - 2))) \times 1 \\
 290774 &:= 1 - ((2 \times (3!! - ((4! + 5) \times ((6 + 7!) - 8)))) - 9) &= 9 - (((((8 - (7! + 6)) \times (5 + 4!)) + 3!!) \times 2) - 1) \\
 290775 &:= ((1 + 2)!) + (((3!^4 + 5) \times 6) + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6!/5) + (4! \times (3!!/2 - 1)) \\
 290776 &:= (1 + ((2 \times 3!! - (4! - 5)) \times 6)) + (7 \times 8! + 9) &= (9 + (8! \times 7 + (6 - 5!))) + ((4! \times 3!!/2) + 1) \\
 290777 &:= 1 \times ((2 \times (((3!! - 4) \times 5) + 6!)) + (7 \times (8! - 9))) &= (((((9 + 8!) \times 7) + (6^5)) - (4! - 3!)) + (2 \times 1) \\
 290778 &:= (1 - ((2 - (3! \times (4^5 - (6 - 7!)))) \times 8)) + 9 &= (((((9 + 8!) \times 7) + (6^5)) - (4! - 3!)) + (2 + 1) \\
 290779 &:= (1 + 2)!! - (((3 \times 4!) + 5) \times (6! - (7 + 8!/9))) &= (((9 + 8) \times (7 + 6)) - 5!) \times ((4! \times ((3 + 2)!)) - 1) \\
 290780 &:= 1 \times (2 - (3! + (4! \times (5 - ((6! - 7) \times (8 + 9)))))) &= ((9 + 8 - 7) \times ((6! - 5) + (4!^3))) \times 2 \times 1 \\
 290781 &:= (1 + 2)! + ((3! \times ((4^5 - (6 - 7!)) \times 8)) - 9) &= (((((9 + 8!) \times 7) + (6^5)) - (4! - 3!)) + (2 + 1)! \\
 290782 &:= 1 \times (2 \times (((3! + (4! - 5)) \times ((6! + 7) \times 8)) - 9)) &= (9 + 8! \times 7) - ((6 \times (((5 + 4) - 3!!) \times 2)) - 1) \\
 290783 &:= 1 + (2 \times (((3! + (4! - 5)) \times ((6! + 7) \times 8)) - 9)) &= (((9 \times 8) + 7) + (6^5 + 4)) \times (3!^2 + 1) \\
 290784 &:= (1 + 2 \times 3!) \times ((4! \times (5 + 6!)) + (7! - 8 \times 9)) &= (9 \times ((8! - 7) - 6^5)) - (4^{3!}/2 + 1) \\
 290785 &:= (1 - (2 + 3)!) + (4! \times (((5! \times 6) - 7) \times (8 + 9))) &= (9 \times ((8! - 7) - 6^5)) - (4^{3!}/2 \times 1) \\
 290786 &:= 1 \times (2 - (3! \times (4 \times (5 - ((6! - 7) \times (8 + 9)))))) &= (9 \times ((8! - 7) - 6^5)) - (4^{3!}/2 - 1) \\
 290787 &:= 1 + (2 - (3! \times (4 \times (5 - ((6! - 7) \times (8 + 9)))))) &= ((9 + 8! \times 7) - 6) - (5! - (4! \times (3!!/2 + 1))) \\
 290788 &:= (1 + (2 \times (3! \times (((4! + 5) \times 6!) - 7)))) + (8! - 9) &= ((9 + 8! \times 7) + (6^5 + 43)) + ((2 + 1)!) \\
 290789 &:= (((1 + 2)^{3!}) + 4)/5) - (6! - (7 \times (8! - 9))) &= 9 \times 8 + ((7 - (6! + 5!)) \times (((4! - 3!!)/2) - 1)) \\
 290790 &:= 1 - (2 - (((3! + 4) \times (5 \times ((6! + 7) \times 8))) - 9)) &= (9 - 8) \times ((7!/6 - (5!/4)) \times (3!!/2 - 1)) \\
 290791 &:= ((12 \times 3!!) - 4 \times 5) - (6 - (7 \times (8! - 9))) &= 9 - (8 - ((7!/6 - (5!/4)) \times (3!!/2 - 1))) \\
 290792 &:= 1 \times 2 + 3! - (4! \times (5 - ((6! - 7) \times (8 + 9)))) &= (((((9 + 8!) \times 7) + (6^5)) - (4 - 3!)) - (2 + 1) \\
 290793 &:= 1 \times 2 + (((3! + 4) \times (5 \times ((6! + 7) \times 8))) - 9) &= (((9 + (8! + 7)) \times 6) + (((5 + 4!)^3) \times 2)) - 1 \\
 290794 &:= 1 - (((2 - ((3! + 4) \times (5 \times (6! + 7)))) \times 8) - 9) &= (((9 + (8! + 7)) \times 6) + (((5 + 4!)^3) \times 2)) \times 1 \\
 290795 &:= 1 \times (2 + ((3! \times ((4^5 - (6 - 7!)) \times 8)) + 9)) &= (((9 + (8! + 7)) \times 6) + (((5 + 4!)^3) \times 2)) + 1 \\
 290796 &:= 1 + (2 + ((3! \times ((4^5 - (6 - 7!)) \times 8)) + 9)) &= ((9 + ((8 + (7! \times 6/5)) \times 4)) \times 3!) \times 2 \times 1 \\
 290797 &:= (1 + 2)! + (((3! + 4) \times (5 \times ((6! + 7) \times 8))) - 9) &= (((9 + 8!) \times 7) + (6^5)) - (4 - 3!)) + (2 \times 1) \\
 290798 &:= 1 - (2 - ((3^4 + 5 \times 6!) \times (7 + 8 \times 9))) &= (((9 + 8!) \times 7) - 6!/5) + (4! \times 3!!/2 - 1)
 \end{aligned}$$

$$\begin{aligned}
 290799 &:= (1 + ((2 \times 3! \times 4!) + 5!)) \times (6! + ((7 - 8) \times 9)) &= (9 + (8! \times 7 + (6 - 5!))) + (4! \times (3!/2 + 1)) \\
 290800 &:= (1 - ((2 - (3^4 \times 5)) \times 6!)) + (7!/8 + 9) &= (((9 + 8!) \times 7) - 6!/5) + ((4! \times 3!/2) + 1) \\
 290801 &:= (1 \times 2 + ((3!^4 + 5!) \times 6)) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + (6^5 + 4)) + (3! - (2 \times 1)) \\
 290802 &:= 1 \times 2 \times ((3 \times ((4^5 - (6 - 7!)) \times 8)) + 9) &= 9 - (8 - (((7 + 6!) \times (((5 \times 4!)/3!)^2)) + 1)) \\
 290803 &:= ((1 + 2) \times (3^4 + (5! \times 6!))) + (7 \times 8!/9) &= (((9 + 8!) \times 7) + (6^5 + (4 + 3!))) \times (2 - 1) \\
 290804 &:= (((1 + 2)! \times 3!^4) + (5 + 6!)) + (7 \times (8! + 9)) &= 9 + 8! - (((7 - (6! \times (5 + 4!))) \times 3! \times 2) + 1) \\
 290805 &:= 1 \times ((2 \times (3! \times ((4 - 5) + 6!))) + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6 - 5!)) + (4! \times (3!/2 - 1)) \\
 290806 &:= (1 + (2 \times (3! \times (((4! + 5) \times 6!) - 7)))) + (8! + 9) &= 9 + 8! - (((7 - (6! \times (5 + 4!))) \times 3! \times 2) - 1) \\
 290807 &:= (((1 + 2)^{3+4} \times 5) + 6 \times 7) - 8!/9 &= (9 + (8 \times ((7 + 6!) \times (5 \times (4 + 3!)))) - 2 \times 1 \\
 290808 &:= 1 - ((2^{3!} \times ((4 \times (5! + 6)) - 7! - 8)) + 9) &= 9 - ((8 \times ((7 + 6!) \times ((5 - (4! + 3!)) \times 2))) + 1) \\
 290809 &:= (1 - (2 \times (3!! - ((4! + 5) \times 6! \times 7)))) - 8 \times 9 &= (9 - 8) \times ((7^6) + (5! \times ((4 + 3!! \times 2) - 1))) \\
 290810 &:= (1 + 2^{3!}) \times (((4 - 5) \times 6) + (7! \times 8/9)) &= 9 - (8 - ((7^6) + (5! \times ((4 + 3!! \times 2) - 1)))) \\
 290811 &:= 1 \times 2 + (((3! + 4) \times (5 \times ((6! + 7) \times 8))) + 9) &= (9 + 8! \times 7) - (6 \times (5 + ((4 - 3!!) \times 2 \times 1))) \\
 290812 &:= (1 + (((2 \times (3!! - 4) - 5) \times 6)) + (7 \times 8! + 9)) &= (9 + 8! \times 7) - ((6 \times (5 + ((4 - 3!!) \times 2))) - 1) \\
 290813 &:= (1 \times 2 + (3 \times (4! \times 5!))) - (6 - (7 \times (8! - 9))) &= (9 \times (8^{(7-6) \times 5})) - (4^{3!} + (2 + 1)) \\
 290814 &:= ((1 + 2) + (3 \times (4! \times 5!))) - (6 - (7 \times (8! - 9))) &= (9 \times (8^{(7-6) \times 5})) - (4^{3!} + 2 \times 1) \\
 290815 &:= (1 + 2)! + (((3! + 4) \times (5 \times ((6! + 7) \times 8))) + 9) &= (9 \times (8^{(7-6) \times 5})) - (4^{3!} + (2 - 1)) \\
 290816 &:= (((1 + 2)!)! \times (3 \times 4) + 5) - (6 - (7 \times (8! - 9))) &= (9 \times ((8 + 7!) \times 6)) + (((5 \times (4! + 3))^2) - 1) \\
 290817 &:= ((1 + 2)!)! + ((3 \times (4! \times 5!)) - (6! - (7 \times (8! - 9)))) &= (9 \times ((8 + 7!) \times 6)) + ((5 \times (4! + 3))^2 \times 1) \\
 290818 &:= 1 \times (2 \times (((3! + (4! - 5)) \times ((6! + 7) \times 8)) + 9)) &= (9 \times ((8 + 7!) \times 6)) + (((5 \times (4! + 3))^2) + 1) \\
 290819 &:= 1 + (2 \times (((3! + (4! - 5)) \times ((6! + 7) \times 8)) + 9)) &= (9 \times 8 \times (7! - 6!)) - (((5! + (4!/3!)/2) + 1) \\
 290820 &:= ((1 + 2)!)! + ((3! + 4!) \times (((5! \times 6!) + 7!/8)/9)) &= (9 \times 8 \times (7! - 6!)) - ((5! + (4!/3!)/2 \times 1) \\
 290821 &:= 1 - (2 \times ((3! + 4!) \times (((5! - 6! - 7) \times 8) + 9))) &= (9 \times 8 \times (7! - 6!)) - (((5! + (4!/3!)/2) - 1) \\
 290822 &:= 1 - (2 - ((3 \times (4! \times 5!)) + (6 + (7 \times (8! - 9)))) &= ((9 + 8! \times 7) - 6) - (((5! - (4! \times 3!))/2) + 1) \\
 290823 &:= ((1 + 2^{3!}) \times 4! \times 5) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!/5) + (4! \times (3!/2 + 1)) \\
 290824 &:= 1 - ((2 \times (3! \times (4 - 5! \times 6))) - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - 6) - (((5! - (4! \times 3!))/2) - 1) \\
 290825 &:= (1 \times 2 + (3 \times (4! \times 5!))) + (6 + (7 \times (8! - 9))) &= (9 + 8! \times 7) + (((6! - 5) \times 4!) - 3!/2) - 1) \\
 290826 &:= 1 - ((2^{3!} \times ((4 \times (5! + 6)) - 7! - 8)) - 9) &= (9 + 8! \times 7) - (((6 + 5!) - (4! \times 3!))/2 \times 1) \\
 290827 &:= 1 \times ((2 \times (((3 + 4)!) + (5 - 6!))) + (7 \times (8! - 9))) &= (9 + 8! \times 7) - (((6 + 5!) - (4! \times 3!))/2) - 1) \\
 290828 &:= 1 \times 2 - (3!! + ((4! \times 5! + ((6 + 7!) - 8!)) \times 9)) &= (9 + (8! \times 7!/6!)) - (((5! - (4! \times 3!))/2) + 1) \\
 290829 &:= 1 \times ((2 \times ((3!! - 4 + 5) \times 6)) + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6) + (5! \times ((4! \times 3) - (2 - 1))) \\
 290830 &:= (1 + ((2 \times 3!! - (4! - 5)) \times 6)) + (7 \times (8! + 9)) &= (9 + (8! \times 7!/6!)) - (((5! - (4! \times 3!))/2) - 1) \\
 290831 &:= (1 \times 2 \times (((3!! - 4) \times 5) + 6!)) + (7 \times 8! - 9) &= (9 \times (8! - 7!)) + ((6! + ((5! - 4!^3) \times 2)) - 1) \\
 290832 &:= 1 \times 2 \times (((3 - 4!) \times ((5 - 6!) \times 7)) + 8! - 9) &= (9 \times (8! - 7!)) + (6! + ((5! - 4!^3) \times 2 \times 1)) \\
 290833 &:= 1 \times ((2^{3!} \times (4 + 5!)) + (6! + (7 \times (8! - 9)))) &= (9 \times (8! - 7!)) + (6! + (((5! - 4!^3) \times 2) + 1)) \\
 290834 &:= 1 - (2 - ((3 \times (4! \times 5! + 6)) + (7 \times (8! - 9)))) &= (9 \times (8! - (7! + (6! + 5)))) - (((4!/3!)/2) + 1) \\
 290835 &:= (1 + 2)! - (((3 \times 4) \times (5 - 6!)) - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6 \times 5) + (4! \times (3!/2 - 1)) \\
 290836 &:= (1 + (((2 \times 3!! - (4 + 5)) \times 6) + 7 \times 8!)) + 9 &= (9 \times (8! - (7! + (6! + 5)))) - (((4!/3!)/2) - 1) \\
 290837 &:= 1 - (2 - (3! \times (((4^5 - (6 - 7!)) \times 8) + 9))) &= ((9 \times ((8!/7 + 6!) \times 5)) - 43) - ((2 + 1)!)!
 \end{aligned}$$

$$\begin{aligned}
 290838 &:= 1 + (2 + ((3 \times (4! \times 5! + 6)) + (7 \times (8! - 9)))) &= (9 + 8! \times 7) + (((6! - 5) \times 4) + 3) \times (2 + 1) \\
 290839 &:= ((12 \times 3!) + (4! - 56)) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6!) - (5 - ((4! - 3)^{2+1})) \\
 290840 &:= 1 \times (2 + (3! \times (((4^5 - (6 - 7!)) \times 8) + 9))) &= 9 - (((8! + (((7 - 6^5) \times 4!) + 3!)) \times 2) + 1) \\
 290841 &:= 1 + (2 + (3! \times (((4^5 - (6 - 7!)) \times 8) + 9))) &= (((9 + 8!) \times 7) - 6) - (5! - (4! \times (3!/2 + 1))) \\
 290842 &:= 1 - ((2 \times (3! \times (4 - 5! \times 6))) - (7 \times 8! + 9)) &= 9 - (((8! + (((7 - 6^5) \times 4!) + 3!)) \times 2) - 1) \\
 290843 &:= (((1 + 2)!^{3!} + 4)/5) - (6! - (7 \times 8! - 9)) &= (((9 + 8!/7!) \times 6!) - 5!) \times 4! - (3!^2 + 1) \\
 290844 &:= (1 + 2) \times (3! - (((4! - (5! \times (6! - 7))))/8) \times 9) &= ((9 + 8!) \times 7) - (6 \times 5! - ((4! - 3)^{2+1})) \\
 290845 &:= (((1 + 2)^{3!+4}) \times 5) + ((6! - 7! \times 8)/9) &= (((9 + 8!/7!) \times 6!) - 5!) \times 4! - (3!^2 - 1) \\
 290846 &:= ((12 \times 3!) - (4! - 5)) - (6 - (7 \times 8! - 9)) &= (9 \times (((8!/7 + 6!) \times 5) - 4)) - 3! + (2 \times 1) \\
 290847 &:= (((1 + 2)!^{3!} + 4)/5) - (6! - (7 \times 8! - 9)) &= (9 \times (8 \times 7! - 6^5)) - (4^{3!}/2 + 1) \\
 290848 &:= 1 \times ((2^{3!} - (4! \times (5 - ((6! - 7) \times (8 + 9)))))) &= (9 + 8! \times 7) + (((6! - (5 \times (4 - 3!))) \times 2) - 1) \\
 290849 &:= 1 \times ((2 \times (((3! - 4) \times 5) + 6!)) + (7 \times 8! + 9)) &= (9 \times (8 \times 7! - 6^5)) - (4^{3!}/2 - 1) \\
 290850 &:= 1 + ((2 \times (((3! - 4) \times 5) + 6!)) + (7 \times 8! + 9)) &= ((9 + (8 \times ((7 + 6!) \times 5))) - 4) \times (3^2 + 1) \\
 290851 &:= (12 \times 3!) - (((4! \times 5)/6) - (7 \times 8! - 9)) &= 98 + (((7 + 6!) - 5!) \times ((4 \times ((3 + 2)! - 1))) \\
 290852 &:= 1 \times (2 - ((3 \times (((4 - 5!) \times 6!) + 7)) - 8! + 9)) &= (-9 + (((87 \times 6!) - 5) \times 4)) + ((3! + 2)! + 1) \\
 290853 &:= 1 + (2 - ((3 \times (((4 - 5!) \times 6!) + 7)) - 8! + 9)) &= (((9 + 8!) \times 7) + (6 - 5!)) + (4! \times (3!/2 + 1)) \\
 290854 &:= (((1 + 2)^{3+4}) \times 5) + (6^7 - (8 + 9)) &= ((9 + 8! \times 7) - 6) - (5 - (4! \times (3!/2 - 1))) \\
 290855 &:= 1 \times 2 + ((3 \times (4! \times 5! - 6)) + 7 \times 8! - 9) &= ((9 \times ((8!/7 + 6!) \times 5)) - (4! + 3! + 2)) + 1 \\
 290856 &:= (1 + 2)! \times (3 + (((4^5 - (6 - 7!)) \times 8) + 9)) &= (9 \times (8! - 7!)) - (6 \times (5! + (4 + (3! \times (2 + 1)!))) \\
 290857 &:= 1 \times ((2 \times (((3! + 4) \times 5) + 6!)) + (7 \times (8! - 9))) &= ((9 \times ((8!/7 + 6!) \times 5)) - (4! + (3! - 2))) - 1 \\
 290858 &:= (1 + (2 \times (((3! + 4) \times 5) + 6!))) + (7 \times (8! - 9)) &= ((9 \times ((8!/7 + 6!) \times 5)) - (4! + (3! - 2))) \times 1 \\
 290859 &:= 1 \times ((2 \times (3! \times ((4 - 5) + 6!))) + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6!/5!) + (4! \times (3!/2 - 1)) \\
 290860 &:= 1 - (((2 - ((3 \times 4) \times 5!)) \times 6) - (7 \times 8! - 9)) &= ((9 + (8! \times 7!/6!)) - 5) + (4! \times (3!/2 - 1)) \\
 290861 &:= (((1 + 2)!^{3!} + 4)/5) - (6! - (7 \times 8! + 9)) &= ((9 \times (8! - 7!)) + 6!) + ((5 - 4!) \times (3! \times 2 + 1)) \\
 290862 &:= (1 + 2 \times 3!) \times (4 - (5 \times (6 - (7! \times 8/9)))) &= 9 \times 8 + (((7!/6 - (5!/4)) \times (3!/2 - 1))) \\
 290863 &:= 1 \times ((2 \times (3! - (4 - (5 \times 6!)))) + 7 \times 8! - 9) &= 9 + 8! - ((7 - (6! + (5 - 4!))) \times (3!/2 + 1)) \\
 290864 &:= 1 + ((2 \times (3! - (4 - (5 \times 6!)))) + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) + (5 + (4! \times (3!/2 - 1))) \\
 290865 &:= (((1 + 2)!^{3!} + 4)/5) - (6! - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - (6 \times (5 + ((4 - 3!)) \times 2 \times 1)) \\
 290866 &:= 1 \times (2 - ((3 \times ((4 - 5!) \times 6!)) + (7 - 8! + 9))) &= (9 + 8! \times 7 + 6) - (5 - (4! \times (3!/2 - 1))) \\
 290867 &:= 1 \times ((2 + (3 \times (4! \times 5!))) - (6 - (7 \times 8! - 9))) &= (((9 + 8!/7!) \times 6!) - 5!) \times 4! - (3! \times 2 + 1) \\
 290868 &:= 1 + ((2 + (3 \times (4! \times 5!))) - (6 - (7 \times 8! - 9))) &= ((9 + 8! \times 7) - 6) - ((5 - (4 \times 3!)) \times (2 + 1)) \\
 290869 &:= 1 + (2 \times (((3 - 4!) \times ((5 - 6!) \times 7)) + 8! + 9)) &= (((9 + 8!/7!) \times 6!) - 5!) \times 4! - ((3! \times 2) - 1) \\
 290870 &:= 1 \times (2 - ((3 \times (((4 - 5!) \times 6!) + 7)) - 8! - 9)) &= (((9 + 8!/7!) \times 6!) - 5!) \times 4! - (3^2 + 1) \\
 290871 &:= 1 + (2 - ((3 \times (((4 - 5!) \times 6!) + 7)) - 8! - 9)) &= (9 + (8! \times 7 + (6!/5!))) + (4! \times (3!/2 - 1)) \\
 290872 &:= (1 - 2 \times 3!) - (((4! + 5) \times (6 \times 7! - 8!)) + 9) &= ((9 + 8!) \times 7) - (((6!/5 - (4! \times 3!))/2) - 1) \\
 290873 &:= (((1 + 2) \times (3 - ((4 - 5!) \times 6!))) - 7) + (8! - 9) &= 9 \times 8 + (((7 + 6!) \times (((5 \times 4!)/3!)^2)) + 1) \\
 290874 &:= (1 + 2)! \times (3! + (((4^5 - (6 - 7!)) \times 8) + 9)) &= 9 - (((8 - ((7 \times (6! \times (5 + 4!))) - 3!)) \times 2) - 1) \\
 290875 &:= 1 \times ((2 \times (3! \times ((4! + 5) \times 6!)) - 7) + 8! + 9) &= (9 \times (8! - 7!)) - (6! + (5 \times (((4! \times 3!)^2 + 1))) \\
 290876 &:= 1 \times (2 \times ((3! + 4)^5 + (6 + ((7! + 8) \times 9)))) &= 9 + 8! + (((((7! - 6!) \times (5 + 4!)) - 3!) \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 290877 &:= 1 + (2 \times ((3! + 4)^5 + (6 + ((7! + 8) \times 9)))) &= ((9 + 8! \times 7) - 6) - (5 - (4! \times 3!!/2 - 1)) \\
 290878 &:= 1 \times ((2 \times (3! \times ((4! + 5) \times 6!)) + (7 + 8! - 9)) &= (((9 + 8!) \times 7) - 6) - (((5! - (4! \times 3!!))/2) - 1) \\
 290879 &:= 1 + ((2 \times (3! \times ((4! + 5) \times 6!)) + (7 + 8! - 9)) &= (9 + 8! \times 7) + (((6 \times ((5! \times 4!) - 3))/2) - 1) \\
 290880 &:= (1 \times 2 - (3 \times ((4 - 5!) \times 6!)) + (7 + 8! - 9) &= (9 + 8! - (7 - (6! \times ((5! - 4) \times 3)))) - 2 \times 1 \\
 290881 &:= (1 + (2 \times (3!! \times 4))) - ((5 \times 6! + 7! - 8!) \times 9) &= (9 \times (8! - 7!) - 6!) - ((5 \times ((4! \times 3!)^2)) - 1) \\
 290882 &:= (1 - (2 \times (3!! - ((4! + 5) \times 6! \times 7)))) - (8 - 9) &= 9 + 8! + (((((7! - 6!) \times (5 + 4!)) - 3) \times 2) - 1) \\
 290883 &:= ((1 + 2) \times (3! + 4! \times 5!)) - (6 - (7 \times 8! - 9)) &= 9 + 8! - 7 - ((6 \times (5! \times ((4! - 3!!)/2))) - 1) \\
 290884 &:= ((1 + 2 \times 3!!) \times 4) - ((5 \times 6! + 7! - 8!) \times 9) &= 9 + 8! + (((((7! - 6!) \times (5 + 4!)) - 3) \times 2) + 1) \\
 290885 &:= 1 + (2 - ((3 \times ((4 - 5!) \times 6!)) + (7 - 8! - 9))) &= (9 \times (8! - 7!)) - (6! + (5 \times (((4! \times 3!)^2) - 1))) \\
 290886 &:= (1 + (2 \times ((3! \times ((4! + 5) \times 6!)) + 7))) + (8! - 9) &= (9 \times (8!/7)) - (6 \times ((5! \times 4) - ((3! + 2)! + 1))) \\
 290887 &:= ((1 \times 2^{3!}) \times (4 + 5!)) + (6! + 7 \times 8! - 9) &= ((9 + 8!) \times 7) + (((6 - (5! - (4! \times 3!!)))/2) + 1) \\
 290888 &:= (1 + 2 \times 3!) \times ((4! - (5 \times (6 - 7!) \times 8))/9) &= (9 + (8! \times 7 + 6!)) + ((5! \times ((4^3) + 2)) - 1) \\
 290889 &:= 1 + (((2 \times 3!)^4 + 5^6) \times (7 - 8 + 9)) &= (9 + 8! \times 7 + 6) - (5 - (4! \times 3!!/2 - 1)) \\
 290890 &:= (1 - 2 \times 3!!) - (((4! + 5) \times (6 \times 7! - 8!)) - 9) &= (9 + (8! \times 7 + 6!)) + ((5! \times ((4^3) + 2)) + 1) \\
 290891 &:= (1 - 2 - (3 \times (((4 - 5!) \times 6!) - 7))) + (8! - 9) &= (9 + 8! \times 7) - (6 - (((5! - (4! + 3!))^2) - 1)) \\
 290892 &:= 1 \times (((2 + 3!)! - (4 + 5! - 6!)) \times 7) + 8!/9 &= ((9 + (8 \times ((7 + 6!) \times 5))) \times (4 + 3!)) + (2 \times 1) \\
 290893 &:= 1 + (((2 + 3!)! - (4 + 5! - 6!)) \times 7) + 8!/9 &= (9 + 8! \times 7) - (6 - (((5! - (4! + 3!))^2) + 1)) \\
 290894 &:= (1 \times 2 - (3 \times (((4 - 5!) \times 6!) - 7))) + (8! - 9) &= ((9 + 8!) \times 7) - (((6!/5!) \times ((4 - 3!!) \times 2)) + 1) \\
 290895 &:= ((1 + 2) \times (3! + 4! \times 5!)) + ((6 + 7 \times 8!) - 9) &= (9 + 8! \times 7) - (6 \times ((5! \times (4! - 3!^2)) - 1)) \\
 290896 &:= (1 + (((2 \times 3!)^4 + 5^6)) \times (7 - 8 + 9)) &= (9 - (8 \times (7 - (6! \times 5)))) + ((4^3)^2 - 1) \\
 290897 &:= (1 \times 2 + (3 \times (4! \times 5!))) + (6 + (7 \times 8! + 9)) &= (9 \times (8! - (7! + (6 - 5!)))) - (4!^3 \times 2 + 1) \\
 290898 &:= (1 \times 2 - (3 \times ((4 - 5!) \times 6!)) + (7 + 8! + 9) &= (9 - (8 \times (7 - (6! \times 5)))) + ((4^3)^2 + 1) \\
 290899 &:= (((1 - 2 \times 3!!) \times (4! - 5)) + 6!) - ((7! - 8!) \times 9) &= (9 \times (8! - (7! + (6 - 5!)))) - (4!^3 \times 2 - 1) \\
 290900 &:= (((1 + 2)!)! \times (3 \times 4) + 5) + (6 + (7 \times 8! + 9)) &= 9 + 8! + (((((7! - 6!) \times (5 + 4!)) + 3!) \times 2) - 1) \\
 290901 &:= ((1 + 2) \times (3! + 4! \times 5!)) - (6 - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - ((6!/5!) \times (((4 - 3!!) \times 2) - 1)) \\
 290902 &:= (1 + 2)! - ((3 \times ((4 - 5!) \times 6!)) - (7 + 8! + 9)) &= (9 + (8! + 7)) - (6 \times ((5! \times ((4! - 3!!)/2)) - 1)) \\
 290903 &:= (1 \times 2 \times ((3! \times ((4! + 5) \times 6!)) + 7)) + (8! + 9) &= (9 + 8! \times 7 + 6) + (((5! - (4! + 3!))^2) - 1) \\
 290904 &:= (1 + (2 \times ((3! \times ((4! + 5) \times 6!)) + 7))) + (8! + 9) &= 9 - (8 + (((7 - 6!) \times (5! + (4! \times 3! \times 2))) + 1)) \\
 290905 &:= (1 - ((2 - 3!!) \times 4!)) + ((5! + (6 \times (7! + 8))) \times 9) &= (9 + 8! \times 7 + 6) + (((5! - (4! + 3!))^2) + 1) \\
 290906 &:= (1 + (2^{3!} \times (4 + 5!))) + (6! + (7 \times 8! + 9)) &= (9 + 8! \times 7) - ((6 \times (5 - ((4 + 3!!) \times 2))) + 1) \\
 290907 &:= (1 + (((2 + 3!)^4 \times 5) + 6^7)) + 8!/9 &= ((9 + 8! \times 7) - 6!/5!) + (4! \times (3!!/2 + 1)) \\
 290908 &:= (((1 + 2)^{3!+4}) \times 5) + 6! - 7! - (8 + 9) &= (((9 + 8!) \times 7) - 6) - (5 - (4! \times (3!!/2 - 1))) \\
 290909 &:= 1 \times 2 - (3 \times (((4! \times (5 - 6!)) + 7!) \times 8) - 9)) &= (9 + 8! \times 7) + (((6 + (5! \times 4!)) \times 3) + 2 \times 1) \\
 290910 &:= (1 - 2) \times ((3 \times (((4 - 5!) \times 6!) - 7)) - 8! - 9) &= (9 \times ((8! + 7) - 6^5)) - (4^3/2 + 1) \\
 290911 &:= (1 \times 2 \times (((3!! + 4) \times 5) + 6!)) + (7 \times 8! - 9) &= (9 \times ((8! + 7) - 6^5)) - (4^3/2 \times 1) \\
 290912 &:= (1 + (2 \times (((3!! + 4) \times 5) + 6!))) + (7 \times 8! - 9) &= (9 - ((8 - (7! + 6!)) \times 5)) + ((4^3)^2 - 1) \\
 290913 &:= (1 + 2) \times (3!! - (4 - ((5! \times (6! - 7))/8) \times 9)) &= ((9 + 8! \times 7) + (6^5)) + (4! \times (3!^2 + 1)) \\
 290914 &:= 1 \times (((2 + 3!!) \times (4 + 5)) + (6^7 + 8!/9)) &= (9 - ((8 - (7! + 6!)) \times 5)) + ((4^3)^2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 290915 &:= (((1+2)^{3!} + 4)/5) - (6! - (7 \times (8! + 9))) &= (((9 + 8!/7!) \times 6!) - 5!) \times 4! + (3!^2 - 1) \\
 290916 &:= (1 + 2) \times (3 - (((4! \times (5 - 6!)) + 7!) \times 8) - 9)) &= 9 + 8! + (((7 + (6! \times (5! - 4))) \times 3) + (2 + 1)!) \\
 290917 &:= 1 + 2 \times 3! + (4! \times (((5! \times 6) - 7) \times (8 + 9))) &= (((9 + 8!/7!) \times 6!) - 5!) \times 4! + 3!^2 + 1 \\
 290918 &:= ((12 \times (3!! + 4)) + 5) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6) + (5 + (4! \times (3!!/2 - 1))) \\
 290919 &:= 1 \times ((2 \times (3!! + 4! + 5 \times 6!)) + 7 \times 8! - 9) &= (9 + (8! \times 7 + (6!/5!))) + (4! \times (3!!/2 + 1)) \\
 290920 &:= 1 \times (2 \times ((3!!/4 \times (5! + 6! - 7)) - 8!/9)) &= (9 + (8! \times 7 + 6!)) - (((5! - 4^{3!}) \times 2) + 1) \\
 290921 &:= (1 + (((2 \times 3! - 4)! - (5! - 6!)) \times 7)) + 8!/9 &= (9 + 8! \times 7) + (6! - ((5! - 4^{3!}) \times 2 \times 1)) \\
 290922 &:= ((1 + 2) \times (3!! \times 4 - 5)) - (6 - (7 \times (8! + 9))) &= (9 + (((8!/7) - 6) \times 5)) + ((4^{3^2}) - 1) \\
 290923 &:= (((1 + 2) + 3!!) \times (4 + 5)) + 6^7 + 8!/9 &= ((9 + 8!) \times 7) - (((6 - (5! \times 4!)) \times 3) + 2 \times 1) \\
 290924 &:= (((1 + 2)^{3!+4} \times 5) + 6! - 7!) + (8 - 9) &= (9 + (((8!/7) - 6) \times 5)) + ((4^{3^2}) + 1) \\
 290925 &:= (((1 + 2)^{3!+4} \times 5) + 6!) - ((7! + 8!)/9) &= (((9 + 8!) \times 7) + (6!/5!)) + (4! \times (3!!/2 - 1)) \\
 290926 &:= (((1 + 2)! + 3!^4) \times 5) + 6^7 + 8!/9 &= (9 \times (8! - (7! + (6! - 5)))) - (((4!/3)!/2) - 1) \\
 290927 &:= (((1 + (2 \times 3! - 4)! - (5! - 6!)) \times 7) + 8!/9) &= ((9 + 8!) \times 7) - (((6 - (5! \times 4!)) \times 3) - (2 \times 1)) \\
 290928 &:= ((1 + 2) \times 3!!) + (4^5 \times (6 \times ((7 \times 8) - 9))) &= (((9 \times 8) + 7!/6) \times (5 + 4!)) \times ((3! \times 2) - 1) \\
 290929 &:= (1 \times 2 \times (((3!! + 4) \times 5) + 6!)) + (7 \times 8! + 9) &= ((9 + 8!) \times 7) - (((6 \times 5) - (4! \times 3!!))/2) - 1) \\
 290930 &:= (1 + (2 \times (((3!! + 4) \times 5) + 6!))) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + 6) + (5 + (4! \times (3!!/2 - 1))) \\
 290931 &:= (1 + 2) \times (((3 \times 4) + 5) \times ((6! - 7) \times 8)) + 9) &= (((9 + 8!) \times 7) - 6) - (5 - (4! \times 3!!/2 - 1)) \\
 290932 &:= (1 + ((2 \times 3!! + (4! - 5)) \times 6)) + (7 \times (8! - 9)) &= (9 \times (8! - (7! - (6 - (5! \times 4!)))) - (3!! + 2 \times 1) \\
 290933 &:= 1 - (2 + (3!! + ((4! \times 5! - (6 - (7! - 8!))) \times 9))) &= ((9 + 8!) \times 7) + (((6 \times ((5! \times 4!) - 3))/2) - 1) \\
 290934 &:= 1 \times (((2 \times ((3! \times 4! + (5 - 6!)) \times 7)) + 8!) \times 9) &= (((9 + 8!) \times 7) - (6 - (5! \times (4! \times 3)))) - (2 + 1) \\
 290935 &:= 1 + (((2 \times ((3! \times 4! + (5 - 6!)) \times 7)) + 8!) \times 9) &= (((9 + 8!) \times 7) - (6 - (5! \times (4! \times 3)))) - 2 \times 1 \\
 290936 &:= 1 \times (2 - (3!! + ((4! \times 5! - (6 - (7! - 8!))) \times 9))) &= ((9 + 8!) \times 7) + (((6! \times 5 - (4 - 3!!)) \times 2) + 1) \\
 290937 &:= 1 + (2 - (3!! + ((4! \times 5! - (6 - (7! - 8!))) \times 9))) &= (((9 + 8!) \times 7!/6!) - 5) + (4! \times 3!!/2 - 1) \\
 290938 &:= 1 - (((2 - 3^4) \times 5!) + (6! - (7 \times (8! - 9)))) &= (9 + 8! \times 7) + (((6 \times 5!) + 4) \times 3! \times 2) + 1) \\
 290939 &:= 1 \times ((2 + (3 \times (4! \times 5!))) - (6 - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7!/6!) - 5) + ((4! \times 3!!/2) + 1) \\
 290940 &:= 1 + ((2 + (3 \times (4! \times 5!))) - (6 - (7 \times (8! + 9)))) &= (((9 + 8 \times 7) + 6!) - 5) \times (((4! + 3!!)/2) + 1) \\
 290941 &:= 1 + ((2 + (3! \times (4 + 5!))) \times (6 \times ((7 \times 8) + 9))) &= (((9 + 8!) \times 7) - 6) + ((5 + (4! \times 3!!/2)) - 1) \\
 290942 &:= (((1 + 2)! \times (3 \times 4)) + 5) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6!) + ((5! \times ((4^3) + 2)) - 1) \\
 290943 &:= ((1 + 2)! + (3 \times (4! \times 5!))) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) - (5 - (4! \times 3!!/2 - 1)) \\
 290944 &:= (((1 + 2)! \times (3 \times 4)) - 5) + (6 + (7 \times (8! + 9))) &= 9 - ((8 - ((7! + 6!) \times 5)) - ((4^{3^2}) - 1)) \\
 290945 &:= (((1 + 2)! \times (3^4 \times 5)) - 6!) + ((7 \times 8) + 9) &= ((9 + 8!) \times 7) - (6 - (((5! - (4! + 3))^2) - 1)) \\
 290946 &:= ((1 + 2) + ((3 + 4)!)) + (5 \times 6! + (7 \times (8! + 9))) &= ((9 + ((8! \times 7)/6!)) \times (5^4)) + ((3! + 2)! + 1) \\
 290947 &:= ((12 \times 3!!) + (4 + (5! + 6))) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) - (6 - (((5! - (4! + 3))^2) + 1)) \\
 290948 &:= 1 \times (((2 + 3)! + (4 - (5! - 6!))) \times 7) + 8!/9 &= (9 + 8! \times 7) - (((6! + 5) \times (4! - 3!^2)) + 1) \\
 290949 &:= (1 + (((2 + 3)! + (4 - (5! - 6!))) \times 7)) + 8!/9 &= ((9 + 8!) \times 7) - (6 \times ((5! \times (4! - 3!^2)) - 1)) \\
 290950 &:= (((1 + 2)! \times (3^4 \times 5)) - 6!) + (7!/(8 \times 9)) &= (9 + 8! \times 7) - (((6! + 5) \times (4! - 3!^2)) - 1) \\
 290951 &:= (1 \times 2 + (3 \times (4! \times 5!))) + (6 + (7 \times (8! + 9))) &= (9 \times (8! - (7 \times 6! - 5!))) - (4!^3 \times 2 + 1) \\
 290952 &:= ((1 + 2)^{3!} + (4! \times (((5! \times 6!) - 7!)/8) + 9)) &= (9 + ((8!/7!) \times (6! \times 5))) + ((4^{3^2}) - 1)
 \end{aligned}$$

$$\begin{aligned}
 290953 &:= (1 - (2 \times (3!! - ((4! + 5) \times 6! \times 7)))) + 8 \times 9 &= (9 \times (8! - (7 \times 6! - 5!))) - (4!^3 \times 2 - 1) \\
 290954 &:= (1 \times 2 + 3!! \times 4!) + ((5! + (6 \times (7! + 8))) \times 9) &= (9 + ((8!/7!) \times (6! \times 5))) + ((4^{3^2}) + 1) \\
 290955 &:= ((1 + ((2 + 3!)! + (4 - (5! - 6!)))) \times 7) + 8!/9 &= (9 + 8! \times 7 + 6) + ((5! + 4! \times 3!)/2 \times 1) \\
 290956 &:= (1 + ((2 \times (3! \times ((4! + 5) \times 6!) + 7))) + 8!) - 9 &= (9 + 8! \times 7 + 6) + (((5! + 4! \times 3!)/2) + 1) \\
 290957 &:= ((1 + ((2 \times 3!!)/4)) \times (((5! - 6) \times 7) + 8)) - 9 &= (((9 + 8!) \times 7) + 6) + (((5! - (4! + 3!))^2) - 1) \\
 290958 &:= 1 \times (2 \times ((3! \times (((4! \times (5! + 6)) + 7) \times 8)) - 9)) &= (((9 + (8!/7)) - 6) \times 5) + ((4^{3^2}) - 1) \\
 290959 &:= 1 + (2 \times ((3! \times (((4! \times (5! + 6)) + 7) \times 8)) - 9)) &= (((9 + 8!) \times 7) + 6) + (((5! - (4! + 3!))^2) + 1) \\
 290960 &:= (1 + (2^{3!} \times (4 + 5!))) + (6! + (7 \times (8! + 9))) &= (((9 + (8!/7)) - 6) \times 5) + ((4^{3^2}) + 1) \\
 290961 &:= (((1 + 2)!^3) \times 4!) + (5 \times 6! + (7 \times (8! - 9))) &= (9 \times (8!/7)) + ((6 + ((5! \times 4) + 3))^2 \times 1) \\
 290962 &:= (((1 + ((2 + 3!)! + 4))/5) + 6!) + (7 \times (8! - 9)) &= (9 \times (8!/7)) + (((6 + ((5! \times 4) + 3))^2) + 1) \\
 290963 &:= ((1 \times 2 + (3^4 \times (5 \times 6!))) - 7!/8) - 9 &= (((9 + 8!) \times 7) + (((6 + (5! \times 4!)) \times 3) + 2)) \times 1 \\
 290964 &:= 1 + ((2 + (3^4 \times (5 \times 6! - 7))) - 8 \times 9) &= (((9 + 8!) \times 7) + (((6 + (5! \times 4!)) \times 3) + 2)) + 1 \\
 290965 &:= ((12 \times 3!!) - (4 - (56 \times 7!))) + 89 &= ((9 + (87 \times (6! + (5! - 4)))) \times (3! - 2)) + 1 \\
 290966 &:= (((1 + ((2 + 3!)! + 4!))/5) + 6!) + (7 \times (8! - 9)) &= 9 - (((((8! - 7!)/6!) - 5!) \times (4^{3!} + 2)) + 1) \\
 290967 &:= 1 \times (((2 + (3! \times (4! + 5!))) \times (6 \times 7 \times 8)) - 9) &= (((9 + 8!) \times 7) + (6^5)) + (4! \times (3!^2 + 1)) \\
 290968 &:= (1 + ((2 + (3! \times (4! + 5!))) \times (6 \times 7 \times 8))) - 9 &= 9 - (((((8! - 7!)/6!) - 5!) \times (4^{3!} + 2)) - 1) \\
 290969 &:= 1 \times (((2 + 3) \times (4^5 + 6!)) + (7 \times 8! + 9)) &= 9 - (8 \times (((7 - 6!) \times (5 \times (4 + 3!))) - ((2 + 1)!))!) \\
 290970 &:= (1 - (2 \times (3 + 4!))) \times ((5!/6 - 7!/8) \times 9) &= ((9 + (8! \times 7 + 6!)) + (((5 \times 4)^3) + 2)) - 1 \\
 290971 &:= 1 - ((2^{3!} + (4! \times 5! + ((6 + 7!) - 8!))) \times 9) &= ((9 + (8! \times 7 + 6!)) + (((5 \times 4)^3) + 2)) \times 1 \\
 290972 &:= 1 \times (2 \times ((3! + 4)^5 + ((6 + 7!) + 8) \times 9)) &= (((9 + 8!) \times 7!/6!) + 5) + (4! \times (3!!/2 + 1)) \\
 290973 &:= 1 + (2 \times ((3! + 4)^5 + ((6 + 7!) + 8) \times 9)) &= (((9 + 8!) \times 7) + (6!/5!)) + (4! \times (3!!/2 + 1)) \\
 290974 &:= (1 + ((2 \times (3! \times ((4! + 5) \times 6!) + 7))) + 8!) + 9 &= (((9 + 8!) \times 7) + 6!) - (((5! - 4^{3!}) \times 2) + 1) \\
 290975 &:= ((1 + ((2 \times 3!!)/4)) \times (((5! - 6) \times 7) + 8)) + 9 &= 9 \times 8 - (((7 - 6!) \times (5! + (4! \times 3! \times 2))) + 1) \\
 290976 &:= (((1 + 2)!! - 3!) \times (4! + 5!)) + ((6 \times 7) \times (8!/9)) &= (((9 + 8!) \times 7) + 6!) - (((5! - 4^{3!}) \times 2) - 1) \\
 290977 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times (6! - 7))) + 8 \times 9 &= 9 \times 8 - (((7 - 6!) \times (5! + (4! \times 3! \times 2))) - 1) \\
 290978 &:= 1 - (2 - ((3^4 \times (5 \times 6!)) - (7!/8 - 9))) &= (((9 + 8!) \times 7) + (6^5)) + (((4! + 3!)^2) - 1) \\
 290979 &:= 1 - (2 \times (3!! + (((4! + 5) \times (6 - 7! - 8)) + 9))) &= ((9 + 8! \times 7) - (6 - 5!)) + (4! \times (3!!/2 - 1)) \\
 290980 &:= (1 + ((2 \times (3! \times ((4 + 5) + 6!))) + 7 \times 8!)) - 9 &= (((9 + 8!) \times 7) + (6^5)) + (((4! + 3!)^2) + 1) \\
 290981 &:= (1 - (2 \times (3 - 4!))) \times (((5! + (6! + 7)) \times 8) - 9) &= (((9 + 8) \times (7 + 6)) - 5!) \times ((4! \times ((3 + 2)!)) + 1) \\
 290982 &:= 1 + ((2 + (3^4 \times (5 \times 6!))) - (7!/8 - 9)) &= 9 + (((8!/7 + 6) \times 5) + (4^{3^2})) - 1) \\
 290983 &:= 1 \times ((2 \times (((3!! + 4) \times 5) + 6!)) + (7 \times (8! + 9))) &= ((9 + 8!) \times 7) + ((6! + (5 \times (4 + 3!))) \times 2 \times 1) \\
 290984 &:= (1 + (2 \times (((3!! + 4) \times 5) + 6!))) + (7 \times (8! + 9)) &= (9 + ((8!/7 + 6) \times 5)) + ((4^{3^2}) + 1) \\
 290985 &:= 1 \times (((2 + (3! \times (4! + 5!))) \times (6 \times 7 \times 8)) + 9) &= (9 + ((8! \times 7!/6!) + 5!)) + (4! \times (3!!/2 - 1)) \\
 290986 &:= (1 + ((2 \times 3!! + (4! - 5)) \times 6)) + (7 \times 8! - 9) &= 9 + 8! + (((7^6) + (5! \times (4^3))) \times 2) - 1) \\
 290987 &:= ((1 + 2)!!) + (((3!! + 4) \times (5 + 6)) + (7 \times (8! + 9))) &= 9 + (8! + (((7^6) + (5! \times (4^3))) \times 2 \times 1)) \\
 290988 &:= 1 - ((2 \times (3!! + ((4! + 5) \times (6 - 7! - 8)))) + 9) &= ((9 + (8!/(7!/6!))) \times 5) + ((4^{3^2}) - 1) \\
 290989 &:= 1 + (((2 + 3!! \times 4) \times (5 + 6)) + 7!/8) \times 9 &= ((9 + (8!/(7!/6!))) \times 5) + (4^{3 \times (2+1)})
 \end{aligned}$$

$$\begin{aligned}
 290990 &:= 1 + (((2 + 3) + (4! \times ((5! \times 6) - 7))) \times (8 + 9)) &= ((9 + (8! / (7! / 6!))) \times 5) + ((4^{3^2}) + 1) \\
 290991 &:= 1 \times (((2 \times 3!! + 4 \times 5) \times 6) + 7 \times 8! - 9) &= (9 + 8! \times 7 + 6) + (5! + (4! \times (3!! / 2 - 1))) \\
 290992 &:= 1 - (((2 - 3^4) \times 5!) + (6! - (7 \times 8! - 9))) &= 9 + (((8 + (7! + 6!)) \times 5) + (4^{3^2}) - 1) \\
 290993 &:= 1 + (2 \times (3 - ((4! + 5) \times (6 - (7! - (8 + 9)))))) &= ((9 + ((8 + (7! + 6!)) \times 5)) + (4^{3^2})) \times 1 \\
 290994 &:= 1 \times 2 \times ((3! \times (((4! \times (5! + 6)) + 7) \times 8)) + 9) &= 9 + (((8 + (7! + 6!)) \times 5) + ((4^{3^2}) + 1)) \\
 290995 &:= (1 + (2 \times ((3!^4 \times (5! - 6)) - 7))) - 8! / 9 &= ((9 \times ((8! + (7 + 6)) - ((5 \times 4^3))) - 2) \times 1 \\
 290996 &:= ((-1 + (2 + 3!)) \times 4) - (((5! \times 67) - 8!) \times 9) &= (((9 + 8!) \times 7) - 6) + (((5! + 4! \times 3!!) / 2) - 1) \\
 290997 &:= (((1 + 2)^{3!+4}) \times 5) + 6! - 7! + 8 \times 9 &= (((9 + 8!) \times 7) + (6 \times 5)) + (4! \times (3!! / 2 + 1)) \\
 290998 &:= (1 - ((2 - 3 \times 4!) \times (5! + 6))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - 6) + (((5! + 4! \times 3!!) / 2) + 1) \\
 290999 &:= 1 + (2 \times (3! - ((4! + 5) \times (6 - (7! - (8 + 9)))))) &= ((9 + 8!) \times 7) + (((((6! + 5) \times 4!) - 3!) / 2) - 1) \\
 291000 &:= ((1 \times 2 + 3!!) \times 4!) + ((5! + (6 \times (7! + 8))) \times 9) &= (9 \times (8! - 7!) - 6!) - (5! \times ((4! \times (3^2)) - 1))
 \end{aligned}$$

2.1.12 Numbers From 291001 to 292000

$$\begin{aligned}
 291001 &:= (1 + ((2 + 3!!) \times 4!)) + ((5! + (6 \times (7! + 8))) \times 9) &= ((9 + 8!) \times 7) - (((6 - (5! + 4! \times 3!!)) / 2) - 1) \\
 291002 &:= ((1 + (2 \times (3!^4 \times (5! - 6)))) - 7) - 8! / 9 &= ((9 + 8!) \times 7) - (((6! + 5) \times (4! - 3!^2)) + 1) \\
 291003 &:= ((1 + 2) - 3!!) + (4! \times (5 + ((6! + 7! / 8) \times 9))) &= (9 + (8! + 7!)) - (6 - (5! \times (4^{3!} / 2 - 1))) \\
 291004 &:= (1 + ((2 \times 3!! + (4! - 5)) \times 6)) + (7 \times 8! + 9) &= ((9 + 8!) \times 7) - (((6! + 5) \times (4! - 3!^2)) - 1) \\
 291005 &:= 1 \times (2 + (((3 \times 4) \times (5 + 6!)) + (7 \times (8! + 9)))) &= (9 \times (8! - (7! - (6 + 5!)))) - (4!^3 \times 2 + 1) \\
 291006 &:= (1 - (2 \times (3!! + ((4! + 5) \times (6 - 7! - 8)))) + 9 &= (9 \times (8! - (7! - (6 + 5!)))) - (4!^3 \times 2 \times 1) \\
 291007 &:= ((1 + 2)!! + (((3 \times 4)^5 / 6) \times 7)) - (8 + 9) &= (9 \times (8! - (7! - (6 + 5!)))) - (4!^3 \times 2 - 1) \\
 291008 &:= 1 \times 2 - (3! \times (((4 \times (5 - 6!)) + 7) \times (8 + 9))) &= (9 + (8 \times (7 + (6! \times 5)))) + ((4^{3^2}) - 1) \\
 291009 &:= (1 + (2 \times (3!^4 \times (5! - 6)))) - (7! \times 8 / 9) &= 9 + 8! + ((7 \times 6!) + (5! \times (4^{3!} / 2 - 1))) \\
 291010 &:= 1 - (((2 - 3^4) \times 5!) + (6! - (7 \times 8! + 9))) &= (9 + (8 \times (7 + (6! \times 5)))) + ((4^{3^2}) + 1) \\
 291011 &:= (((1 + 2^{3!}) \times (4 + 5!)) + (6! + 7 \times 8!)) - 9 &= (98 \times 7) + (((6 - 5) + (4!^3)) \times 21) \\
 291012 &:= ((1 + 2) \times (3 + (4 \times (5 + 6!)))) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + (((6! + 5) \times 4) + 3) \times (2 + 1) \\
 291013 &:= (1 - 2 \times 3!) + (4! \times (5 + ((6! - 7) \times (8 + 9)))) &= (((9 + ((8 + 7! - 6) \times (5 + 4!))) - 3!!) \times 2) - 1 \\
 291014 &:= 1 - ((2 + 3!!) - (((45 \times 6!) + (7 + 8)) \times 9)) &= ((9 + 8!) \times 7) + (((6! / 5 + 4! \times 3!!) / 2) - 1) \\
 291015 &:= 1 \times (((2 \times 3! - 4!) / 5) + (6! + 7 \times 8! - 9)) &= (9 + (8! + 7!)) + (6 + (5! \times (4^{3!} / 2 - 1))) \\
 291016 &:= ((1 + (2 \times (3 + 4!))) \times 5!) + (6^7 + 8! / 9) &= ((9 + 8!) \times 7) + (((6! / 5 + 4! \times 3!!) / 2) + 1) \\
 291017 &:= 1 - ((2 + 3!) - (4! \times (5 + ((6! - 7) \times (8 + 9)))))) &= 9 \times 8 + (((7! + 6!) \times 5) + ((4^{3^2}) + 1)) \\
 291018 &:= ((1 \times 2 + (3^4 \times (5 \times 6! - 7))) - 8) - 9 &= ((9 + (8! / 7 + 6)) \times 5) + ((4^{3^2}) - 1) \\
 291019 &:= (((1 + 2) + (3^4 \times (5 \times 6! - 7))) - 8) - 9 &= ((9 + (8! / 7 + 6)) \times 5) + (4^{3 \times (2+1)}) \\
 291020 &:= (((1 + ((2 + 3!)! + 4!)) / 5) + 6!) + (7 \times 8! - 9) &= ((9 + (8! / 7 + 6)) \times 5) + ((4^{3^2}) + 1) \\
 291021 &:= 1 \times (((2 \times (3!! + 4)) + 5) \times 6) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + 6!) + ((5 \times 4^3)) - 2 \times 1 \\
 291022 &:= 1 + (((2 \times (3!! + 4)) + 5) \times 6) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + ((6! + ((5 \times 4^3))) - (2 - 1)) \\
 291023 &:= (1 + (2 \times ((3!^4 \times (5! - 6)) + 7))) - 8! / 9 &= (9 \times ((8! / 7 + 6!) \times 5) - 4!) - (3!! / 2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 291024 &:= (((1+2)^3) \times ((4! \times (5 \times 6! - 7))/8)) - 9 &= (9 \times (((8!/7 + 6!) \times 5) - 4!)) - (3!/2 \times 1) \\
 291025 &:= (1 + 2 \times 3!) - ((4^5 - 6 - 7!) \times 8 \times 9) &= (9 \times (((8!/7 + 6!) \times 5) - 4!)) - (3!/2 - 1) \\
 291026 &:= ((1+2)! - (3!/4)) + ((5 \times (6+7)) \times (8!/9)) &= ((9+8!) \times 7) + (6! + (((5 \times 4)^3) + (2+1))) \\
 291027 &:= ((1+2)! - (3^4 \times (5 \times 6! - 7))) \times (8-9) &= ((9+8! \times 7) - (6-5!)) + (4! \times (3!/2 + 1)) \\
 291028 &:= ((12 + (3^4 \times (5 \times 6! - 7))) - 8) - 9 &= (9 \times (8! - 7!)) - ((6 \times 5! - 4) \times (3!^2 + 1)) \\
 291029 &:= (((1+2^{3!}) \times (4+5!)) + (6! + 7 \times 8!)) + 9 &= (((9+8!) \times 7) + 6!) + ((5 \times 4)^3) + (2+1)! \\
 291030 &:= ((1+2) - (3^4 \times (5 \times 6! - 7))) \times (8-9) &= (9 \times (8! - 7!)) + (6 \times ((5^4) - ((3! + (2-1))))!) \\
 291031 &:= 1 \times ((2 - (3^4 \times (5 \times 6! - 7))) \times (8-9)) &= 9 \times 8 + (((76-5) \times (4^{3!} + 2)) + 1) \\
 291032 &:= 1 + ((2 - (3^4 \times (5 \times 6! - 7))) \times (8-9)) &= (9 + (8! \times 7 + (6! \times 5))) + (((4! \times 3)^2) - 1) \\
 291033 &:= ((1-2) + (3^4 \times (5 \times 6! - 7))) - (8-9) &= (((9+8!) \times 7) - (6-5!)) + (4! \times (3!/2 - 1)) \\
 291034 &:= (((1 + ((2+3!)! + 4))/5) + 6!) + (7 \times 8! + 9) &= (9 + (8! \times 7 + (6! \times 5))) + (((4! \times 3)^2) + 1) \\
 291035 &:= 1 \times 2 - (3^4 \times ((5 \times 6! - 7) \times (8-9))) &= ((9 + (8 \times (7 + (6! + 5)))) \times 43) - ((2+1)!)! \\
 291036 &:= ((1 \times 2 + (3^4 \times (5 \times 6! - 7))) - 8) + 9 &= (((9 \times 8) + 7) \times 6) \times ((5^4) - ((3! \times 2) - 1)) \\
 291037 &:= (((1+2) + (3^4 \times (5 \times 6! - 7))) - 8) + 9 &= 9 + (8! \times 7 + (((6 + (5 \times 4))^3)/2 \times 1)) \\
 291038 &:= (((1 + ((2+3!)! + 4!))/5) + 6!) + (7 \times 8! + 9) &= 9 + 8! + ((7! + (6 \times ((5^4) + (3! + 2)!))) - 1) \\
 291039 &:= ((1-2) + (3^4 \times (5 \times 6!))) - (7! - 8!/9) &= (((9+8!) \times 7!/6!) + 5!) + (4! \times (3!/2 - 1)) \\
 291040 &:= (((1+2)! + (3^4 \times (5 \times 6! - 7))) - 8) + 9 &= (9 + (8! \times 7 + 6!)) - (5! - ((4^{3!} \times 2) - 1)) \\
 291041 &:= ((1+2)! + (((((3 \times 4)^5)/6) \times 7) + 8)) + 9 &= (9 + (8! \times 7 + 6!)) - (5! - (4^{3!} \times 2 \times 1)) \\
 291042 &:= ((1 \times 2 + (3^4 \times (5 \times 6!))) - 7!) + 8!/9 &= (9 + (8! \times 7 + 6!)) - (5! - ((4^{3!} \times 2) + 1)) \\
 291043 &:= (((1+2) + (3^4 \times (5 \times 6!))) - 7!) + 8!/9 &= 98 + (((7! + 6!) \times 5) + ((4^{3^2}) + 1)) \\
 291044 &:= (12 + (3^4 \times (5 \times 6! - 7))) + (8-9) &= ((9 + ((8! \times 7)/(6 \times 5!))) \times (4 + 3!)) + ((2+1)!)! \\
 291045 &:= ((1+2 \times 3!) \times ((4! + 5) \times 6)) + (7! \times 8 - 9) &= (((9+8!) \times 7) + 6 + 5!) + (4! \times (3!/2 - 1)) \\
 291046 &:= (1 + ((2 \times 3! + 4! + 5) \times 6)) + (7 \times 8! - 9) &= ((9 \times (8 \times 7! - 6^5)) - (43^2)) - 1 \\
 291047 &:= (1 - (2 \times (3! + 4!))) \times (((5-6!) \times 7) + 8 \times 9) &= ((9 \times (8 \times 7! - 6^5)) - (43^2)) \times 1 \\
 291048 &:= 1 - (((2 - ((3! \times 4^5) + 6 \times 7!)) \times 8) + 9) &= (9 \times ((8!/7 + 6!) \times 5)) - (4! \times ((3! - 2)! - 1)) \\
 291049 &:= ((1+2)! + (((((3! - 4) \times (5^6)) + 7!) \times 8) + 9)) &= (9 - 8) \times ((7^6) + (5! \times (4 + (3! \times 2 + 1)))) \\
 291050 &:= 1 \times 2 + ((3! + 4) \times (5! + (6 \times ((7 \times 8) - 9)))) &= 9 - (8 - ((7^6) + (5! \times (4 + (3! \times 2 + 1)))) \\
 291051 &:= (((1+2)! \times (3^4 \times 5)) + (((6! - 7!)/8) - 9) &= (9 \times (8! - (7! + ((6! - 5) \times 4)))) - (3^{(2+1)!}) \\
 291052 &:= (1 - ((2 - 3 \times 4!) \times (5! + 6))) + (7 \times 8! - 9) &= ((9+8!) \times 7) + (((6! + (5+4)) \times 3! \times 2) + 1) \\
 291053 &:= ((1+2) + ((3^4 \times (5 \times 6! - 7)) + 8)) + 9 &= 9 + 8 + ((7 + (6! + 5)) + (4!^3 \times 21)) \\
 291054 &:= 1 \times (2 \times ((3 \times ((4^5 + (6! \times 7)) \times 8)) - 9)) &= ((9 - (8 - 7)))! + (6 \times ((5 + 4!) \times (3! \times 2 + 1))) \\
 291055 &:= 1 + (2 \times ((3 \times ((4^5 + (6! \times 7)) \times 8)) - 9)) &= (9 + (((87 \times 6) - 5!) \times (4 + 3!))) - 2 \times 1 \\
 291056 &:= (((1+2 \times 3!) \times ((4! + 5) \times 6)) - 7) + (8! + 9) &= (((9+8!) \times 7) - (6-5!)) + (4! \times 3!/2 - 1) \\
 291057 &:= (((1-2) + 3^4) \times 5!) - (6! - (7 \times (8! - 9))) &= (9 + (8! \times 7 + (6!/5))) + (4! \times (3!/2 + 1)) \\
 291058 &:= (1 + ((2 \times 3! + (4! - 5)) \times 6)) + (7 \times (8! + 9)) &= (((9+8!) \times 7) - (6-5!)) + ((4! \times 3!/2) + 1) \\
 291059 &:= 1 + (2 - (3! \times 4! - ((5 \times (6+7)) \times (8!/9)))) &= (9 \times (8! - (7! + ((6! + 5) \times 4)))) - (3!/2 + 1) \\
 291060 &:= (1 - 2^{3!}) \times (4 \times 5 - (6! - ((7! - 8!)/9))) &= (9 \times (8! - (7! + ((6! + 5) \times 4)))) - (3!/2 \times 1) \\
 291061 &:= ((12 \times 3!) + (4 + 5! - 6)) + (7 \times (8! + 9)) &= (9 \times (8! - (7! + ((6! + 5) \times 4)))) - (3!/2 - 1)
 \end{aligned}$$

$$\begin{aligned}
 291062 &:= 1 - (2 - (((3! \times 4^5) + 6 \times 7!) \times 8) - 9) &= (((9 + 8!) \times 7!/6!) + 5!) + (4! \times 3!/2 - 1) \\
 291063 &:= ((1 + 2 \times 3!) \times ((4! + 5) \times 6)) + (7! \times 8 + 9) &= (((9 + 8!) \times 7) + (6!/5)) + (4! \times (3!/2 - 1)) \\
 291064 &:= (1 + (2^{3!} \times (4! + (5! - 6)))) + (7 \times 8! - 9) &= (((9 + 8!) \times 7!/6!) + 5!) + ((4! \times 3!/2) + 1) \\
 291065 &:= (1 \times 2 + (((3! \times 4^5) + 6 \times 7!) \times 8)) - 9 &= ((9 + (((87 - 6) + 5!) \times (4 + 3!))) \times 2) - 1 \\
 291066 &:= 1 - (((2 - ((3! \times 4^5) + 6 \times 7!)) \times 8) - 9) &= (9 \times (8 + 7!)) - (6 - (5! \times (4^{3!}/2 - 1))) \\
 291067 &:= (-1 \times 2) - ((3 - ((45 \times 6!) - (7 \times 8))) \times 9) &= ((9 + (((87 - 6) + 5!) \times (4 + 3!))) \times 2) + 1 \\
 291068 &:= ((12 \times (3!^4 + 5)) + 6^7) - 8!/9 &= (9 + (8! \times 7 + 6!)) + (((5! - (4! + 3!))^2) - 1) \\
 291069 &:= (((1 + 2)!)! \times (3^4 \times 5)) + (((6! - 7!)/8) + 9) &= (9 + (8! \times 7 + 6!)) + ((5! - (4! + 3!))^2 \times 1) \\
 291070 &:= (1 - ((2 - 3 \times 4!) \times (5! + 6))) + (7 \times 8! + 9) &= (9 + (8! \times 7 + 6!)) + (((5! - (4! + 3!))^2) + 1) \\
 291071 &:= (1 + ((2 \times 3!^4) + 5 \times 6!)) \times ((7 \times 8) - 9) &= (9 \times (8! - 7!)) + (((6! - 5!) - 4!^3) \times 2) - 1 \\
 291072 &:= (((1 + 2) \times 3!! - 4) \times (5! - 6)) + ((7! - 8) \times 9) &= (9 \times (8 + 7 \times 6!)) + (5! \times (4^{3!}/2 - 1)) \\
 291073 &:= ((12 \times 3!!) + (4 + (5! + 6))) + (7 \times (8! + 9)) &= (9 \times (8! - 7!)) + (((6! - 5!) - 4!^3) \times 2) + 1 \\
 291074 &:= (((1 + 2)!^{3+4}) + (5^6 - 7)) - 8!/9 &= (((9 + 8) \times 7) \times (((6! + (5! - 4!)) \times 3) - 2)) \times 1 \\
 291075 &:= 1 \times (((2 \times (3!! + 4!)) - 5) \times 6) + (7 \times (8! - 9)) &= (9 + 8! \times 7) + (6 \times ((5!/4) + (3!! \times 2 + 1))) \\
 291076 &:= (1 + (((2 \times (3!! + 4!)) - 5) \times 6)) + (7 \times (8! - 9)) &= (((98 + (7 \times (6! \times (5 + 4!)))) - 3!!) \times 2) \times 1 \\
 291077 &:= (1 - ((2 + 3)! + 4)) + ((5 \times (6 + 7)) \times (8!/9)) &= (((98 + (7 \times (6! \times (5 + 4!)))) - 3!!) \times 2) + 1 \\
 291078 &:= 1 \times 2 \times (((3 + 4)^5) - (6 + 7!/8)) \times 9 &= (9 \times (8 + 7!)) + (6 + (5! \times (4^{3!}/2 - 1))) \\
 291079 &:= 1 \times (((2 + ((3! \times 4^5) + 6 \times 7!)) \times 8) - 9) &= (((9 + 8!) \times 7) + (6^5)) + ((4 + 3!)^{2+1}) \\
 291080 &:= 1 - (2 - (((3! \times 4^5) + 6 \times 7!) \times 8) + 9)) &= (9 + (((8! + 7 \times 6!)/5) + 4!) \times 32) - 1 \\
 291081 &:= (((1 + 2)!^{3+4}) + 5^6) - (7! \times 8/9) &= (((9 + 8!) \times 7) - (6 - 5!)) + (4! \times (3!/2 + 1)) \\
 291082 &:= 1 - (((2^{3!} \times (4! - 5!)) - 6 \times 7!) \times 8) - 9) &= (((9 + 8) \times (7 + 6)) - 5!) \times ((4 \times 3!!) + 2 \times 1) \\
 291083 &:= 1 \times (2 + (((3! \times 4^5) + 6 \times 7!) \times 8) + 9)) &= 98 + ((7! + 65) \times (4! + (32 + 1))) \\
 291084 &:= 1 \times (2 \times (3! \times (((4! \times (5! + 6)) + 7) \times 8) + 9)) &= ((9 \times (((8 + 7) \times 6!) + (5 - 4!)) \times 3)) - 2) - 1 \\
 291085 &:= 1 + (2 \times (3! \times (((4! \times (5! + 6)) + 7) \times 8) + 9)) &= 9 + (8! \times 7 + (((6 \times 5) + 4^3)^2 \times 1)) \\
 291086 &:= 1 - (2 + (3 \times ((4! - (5 + (6! \times (7 + 8)))) \times 9))) &= (((9 + 8!) \times 7) + (6! \times 5)) + (((4! \times 3!)^2) - 1) \\
 291087 &:= ((1 + 2)! + (((3! \times 4^5) + 6 \times 7!) \times 8)) + 9 &= (((9 + 8!) \times 7!/6!) + 5!) + (4! \times (3!/2 + 1)) \\
 291088 &:= (((1 + ((2 + 3)! + 4))/5) + 6!) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + (6! \times 5)) + (((4! \times 3!)^2) + 1) \\
 291089 &:= (1 + (((2 + 3)! + (4! - (5! - 6!))) \times 7)) + 8!/9 &= (9 \times (((8 + 7) \times 6!) + (5 - 4!)) \times 3) + (2 \times 1) \\
 291090 &:= 1 \times (2 \times ((3 \times ((4^5 + (6! \times 7)) \times 8)) + 9)) &= (((9 + 8!) \times 7) + (((6 + (5 \times 4))^3)/2)) - 1 \\
 291091 &:= 1 + (2 \times ((3 \times ((4^5 + (6! \times 7)) \times 8)) + 9)) &= (((9 + 8!) \times 7) + (((6 + (5 \times 4))^3)/2)) \times 1 \\
 291092 &:= (((1 + ((2 + 3)! + 4))/5) + 6!) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + (((6 + (5 \times 4))^3)/2)) + 1 \\
 291093 &:= (1 + 2)! - (3 \times ((4! - (5 + (6! \times (7 + 8)))) \times 9)) &= (((9 + 8!) \times 7) + 6 + 5!) + (4! \times (3!/2 + 1)) \\
 291094 &:= ((12 \times (3!! + 4!)) - 5) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6!) - (5! - ((4^{3!} \times 2) - 1)) \\
 291095 &:= ((1 + ((2 + 3)! + (4! - (5! - 6!)))) \times 7) + 8!/9 &= (((9 + 8!) \times 7) + (6! - 5!)) + 4^{3!} \times 2 \times 1 \\
 291096 &:= (1 + 2 \times 3!) \times ((4! \times 5! \times 6) + (7! + 8 \times 9)) &= (((9 + 8!) \times 7) + 6!) - (5! - ((4^{3!} \times 2) + 1)) \\
 291097 &:= 1 \times (((2 + ((3! \times 4^5) + 6 \times 7!)) \times 8) + 9) &= (9 \times (((8!/7 + 6!) \times 5) + 4!)) - (3!! - (2 - 1)) \\
 291098 &:= (1 + ((2 + ((3! \times 4^5) + 6 \times 7!)) \times 8)) + 9 &= (9 \times (((8!/7 + 6!) \times 5) + 4!)) - (3!! - (2 \times 1)) \\
 291099 &:= ((1 + 2) + (3^4 \times (5 \times 6!))) - (7 \times 8 \times 9) &= 9 + 8! + (7! + ((6 \times 5) \times ((4^{3!} \times 2) - 1)))
 \end{aligned}$$

$$\begin{aligned}
 291100 &:= (1 + ((2 \times (3! \times (4! - (5 - 6!)))) + 7 \times 8!)) - 9 &= ((9 \times 8) - 7 + 6) \times ((5 + 4^{3!}) - (2 - 1)) \\
 291101 &:= (((((12^3) \times 4!) + (5! - 6)) \times 7) + 8) - 9 &= (9 \times (8 + 7!)) + ((6 \times ((5^4) + (3! + 2!))) - 1) \\
 291102 &:= (((1 + 2)!!/3) \times 4^5) + (((6 + 7!) - 8) \times 9) &= (9 \times (8 + 7!)) + (6 \times ((5^4) + (3! + 2 \times 1!))) \\
 291103 &:= 1 - (2 \times ((3!! + 4!) - ((5^6 + 7!/8) \times 9))) &= (9 \times (8 + 7!)) + ((6 \times ((5^4) + (3! + 2!))) + 1) \\
 291104 &:= 1 - (2 - ((3^4 \times (5 \times 6! - 7)) + 8 \times 9)) &= 9 + ((8! + (((7! \times 6) + 5!)/4!)) \times (3! + (2 - 1))) \\
 291105 &:= ((1 + 2) \times (3!! \times 4! - 5!)) + (6^7 - 8! + 9) &= 9 \times 8 - ((7 - (6! \times 5)) \times ((4! + 3) \times (2 + 1))) \\
 291106 &:= 1 \times ((2 \times ((3^4 + 5!) \times (6! - 7))) + 8!/9) &= -9 - (8 - (((7! \times (6 + 5))/4) + 3) \times 21) \\
 291107 &:= (1 + (2 \times ((3^4 + 5!) \times (6! - 7)))) + 8!/9 &= -9 + ((87 + (6! + 5)) + (4!^3 \times 21)) \\
 291108 &:= 1 + (2 + ((3^4 \times (5 \times 6! - 7)) + 8 \times 9)) &= (9 \times (8 + 7!)) + (6 \times ((5^4) + ((3! + 2)! + 1))) \\
 291109 &:= 1 - ((23 \times 4) - ((5 \times (6 + 7)) \times (8!/9))) &= (98 - 7) \times (((6! \times 5!)/4! + 3) - (2 - 1)) \\
 291110 &:= ((1 - (2 \times (3! + 4!))) \times (5 \times 6 - 7!)) - 8!/9 &= ((9 + 8) \times (7 + (6! - 5) \times 4!)) - (3^{(2+1)!}) \\
 291111 &:= (((1 - 2) + 3^4) \times 5!) - (6! - (7 \times 8! - 9)) &= (9 + 8! \times 7) - (6 \times (((5 - (4! + 3!))) \times 2) + 1) \\
 291112 &:= (1 + (((2 \times 34) \times 5!) + (6! + 7 \times 8!))) - 9 &= (-9 - (8!/7!)) + (6! + ((5 + (4!^3)) \times 21)) \\
 291113 &:= (1 - (2^{3!} + 4!)) + ((5 \times (6 + 7)) \times (8!/9)) &= (9 + ((8!/7!)^6)) + ((5! \times (4 + 3!))/(2 + 1)) \\
 291114 &:= (((1 + 2)!! + 3^4) \times (5 + 6)) + (7 \times (8! + 9)) &= (9 \times (8! - 7!)) - (6 + (5! \times (4 + (3!^{2+1})))) \\
 291115 &:= ((1 - (2 \times (3! + 4!))) \times (5! - (6 + 7! + 8))) + 9 &= ((9 \times 8) + 7) \times (6! \times 5 + ((4^3) + 21)) \\
 291116 &:= (1 \times 2 + (3 \times 4!)) \times ((5! + (6 - (7! - 8!)))/9) &= (9 + 8! \times 7) - ((6 \times ((5 - (4! + 3!))) \times 2) + 1) \\
 291117 &:= 1 - (2 \times (((3! - (4! \times (5! + 6!))) \times 7) - 8!/9)) &= (9 + 8! \times 7) - (6 \times ((5 - (4! + 3!)) \times 2 \times 1)) \\
 291118 &:= (1 + ((2 \times (3! \times (4! - (5 - 6!)))) + 7 \times 8!)) + 9 &= (9 + 8! \times 7) - ((6 \times ((5 - (4! + 3!))) \times 2) - 1) \\
 291119 &:= 1 - (2 + (3! \times ((4! \times (5 - 6!)) - (7 \times 8!/9)))) &= (9 \times (8! - (7! \times 6/5))) - ((4! \times (3!! + 2)) + 1) \\
 291120 &:= (((1 + 2)!^{3!} + 4^5) \times 6) + ((7! + 8!)/9) &= (9 \times (8! - (7! \times 6/5))) - (4! \times (3!! + 2 \times 1)) \\
 291121 &:= (((((1 + 2)!^{3!} + 4^5) \times 6) + 7!) - (8 - 9)) &= (9 \times (8! - (7! \times 6/5))) - ((4! \times (3!! + 2)) - 1) \\
 291122 &:= ((1 + (2 \times 3!^4)) \times (5! - 6)) - (7! \times 8/9) &= ((9 + 8! \times 7) - 6) + ((5! \times ((4! \times 3) + 2)) - 1) \\
 291123 &:= (1 - 2^{3!}) \times (4! - (5 + 6! - ((7! - 8!)/9))) &= (9 + (8! + 7!)) + (6 \times ((5 \times 4^{3!} \times 2) - 1)) \\
 291124 &:= ((1 + ((2 + (3 \times 4!)) \times 5!)) - (6 - (7 \times 8!))) + 9 &= ((9 + 8! \times 7) - 6) + ((5! \times ((4! \times 3) + 2)) + 1) \\
 291125 &:= ((1 + 2)! - 3!!) - (((4! \times (5 - 6!)) - 7) \times (8 + 9)) &= ((9 + 8) \times ((7 + 6) - (5! - (4! \times (3!! - 2)))) \times 1) \\
 291126 &:= 1 \times 2 \times (3 \times (((4^5 + (6! \times 7)) \times 8) + 9)) &= (9 \times (8 + 7! + 6)) + (5! \times (4^{3!}/2 - 1)) \\
 291127 &:= 1 - ((2 + (3 \times 4!)) - ((5 \times (6 + 7)) \times (8!/9))) &= ((9 + ((8 \times 76) \times (5! \times 4))) - (3!! + 2)) \times 1 \\
 291128 &:= (1 - 2) \times ((3 \times 4!) - ((5 \times (6 + 7)) \times (8!/9))) &= 9 + 8! + ((7! + ((6 \times 5) \times 4^{3!} \times 2)) - 1) \\
 291129 &:= (((1 + (2 \times 3!^4)) \times (5! - 6)) + 7) - 8!/9 &= ((9 + 8!) \times 7) + (6 \times ((5!/4) + (3!! \times 2 + 1))) \\
 291130 &:= (1 + (((2 \times (3!! + 4!)) - 5) \times 6) + 7 \times 8!) - 9 &= (9 + ((8 \times ((7 + 6!) \times 5)) + 4!)) \times (3^2 + 1) \\
 291131 &:= 1 + (2 - ((3 \times 4!) - ((5 \times (6 + 7)) \times (8!/9)))) &= 98 - ((7 - (6! \times 5)) \times ((4! + 3) \times (2 + 1))) \\
 291132 &:= (1 + 2)! \times (3!!/4 \times 5! + (6 \times (7 + 8!/9))) &= (((9 + 8) + (7! \times 6/5)) \times 4!) + 3! \times 2 \times 1 \\
 291133 &:= (1 - 2^{3!}) - (4 - ((5 \times (6 + 7)) \times (8!/9))) &= (((-9 + 8!) - 7!) \times (6!/5!)) + (43^{2+1}) \\
 291134 &:= ((1 + 2)! - 3 \times 4!) + ((5 \times (6 + 7)) \times (8!/9)) &= (9 + 8! \times 7 + 6) + ((5! \times ((4! \times 3) + 2)) - 1) \\
 291135 &:= 1 \times (((2^{3!}) - 4 + 5) \times (6 - 7 + 8!/9)) &= (9 + 8! \times 7 + 6) + (5! \times ((4! \times 3) + 2 \times 1)) \\
 291136 &:= (1 + (((2 + (3 \times 4!)) \times 5!) + (6 + 7 \times 8!))) + 9 &= (9 + 8! \times 7 + 6) + ((5! \times ((4! \times 3) + 2)) + 1) \\
 291137 &:= ((1 + 2) \times (3 - 4!)) + ((5 \times (6 + 7)) \times (8!/9)) &= (9 \times (8 + 7! - 6)) + ((5! \times (4^{3!}/2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 291138 &:= (((1+2)!!/3) \times 4^5) - ((6-7!-8) \times 9) &= (9 \times (8+7!-6)) + (5! \times (4^{3!}/2 \times 1)) \\
 291139 &:= ((12 \times (3!!+4!)) - (5!/6 - (7 \times 8!))) - 9 &= (9 \times (8+7!-6)) + ((5! \times (4^{3!}/2)) + 1) \\
 291140 &:= 12 - ((3 \times 4!) - ((5 \times (6+7)) \times (8!/9))) &= ((9+8! - (7! \times 6)) \times (5+4!)) - (3!! \times 2+1) \\
 291141 &:= (1 - (2 \times (3!+4!))) + ((5 \times (6+7)) \times (8!/9)) &= (9+8! \times 7) - ((6-5!) \times ((4! \times 3) + (2+1)!)) \\
 291142 &:= (1 - 2 \times 3!!) - ((4!+5) \times (6 \times 7! - 8! - 9)) &= ((9+8! - (7! \times 6)) \times (5+4!)) - (3!! \times 2 - 1) \\
 291143 &:= (((1 \times 2 + 3!) \times 4^5) + 6!) + (7 \times 8! - 9) &= 9+8! - (((7+6!) \times (((5!/4) - 3!!)/2)) + 1) \\
 291144 &:= (1 + (((2+3!) \times 4^5) + (6! + 7 \times 8!))) - 9 &= 9+8! - ((7+6!) \times (((5!/4) - 3!!)/2 \times 1)) \\
 291145 &:= (((((1+2)!! + ((3 \times 4^5))/6) \times 7) - (8-9)) &= 9+8! - (((7+6!) \times (((5!/4) - 3!!)/2)) - 1) \\
 291146 &:= (1 + ((2+3)^4)) - (((5! \times 67) - 8!) \times 9) &= ((9+8! \times 7) - (6 \times (5 - ((4!+3!!) \times 2)))) - 1 \\
 291147 &:= 1 \times (((2 \times (3!!+4!)) - 5) \times 6) + (7 \times 8! + 9)) &= ((9+8! \times 7) - (6 \times (5 - ((4!+3!!) \times 2)))) \times 1 \\
 291148 &:= (1 + (((2 \times (3!!+4!)) - 5) \times 6) + 7 \times 8!) + 9 &= ((9+8! \times 7) - (6 \times (5 - ((4!+3!!) \times 2)))) + 1 \\
 291149 &:= 1 - (2 - (((3!! \times 45) + (6 - (7 \times 8))) \times 9)) &= (9-8) \times ((7!/6+5) + (4!^3 \times 21)) \\
 291150 &:= (1 \times 2 - 3!^4) \times (5! - ((6 \times 7 \times 8) + 9)) &= (9+8! \times 7) + (6! - (((5-4^{3!}) \times 2) + 1)) \\
 291151 &:= 1 - ((2 - ((3 \times 4!) - ((5! \times 67) - 8!))) \times 9) &= ((9 + (8! \times 7 + 6!)) - ((5 - 4^{3!}) \times 2)) \times 1 \\
 291152 &:= (((12^3) \times ((4!+5) \times 6)) - 7!) - 8!/9 &= (9+8! \times 7) + (6! - (((5-4^{3!}) \times 2) - 1)) \\
 291153 &:= ((1-2 \times 3!) \times (4! - (5!+6!))) + (7 \times (8! - 9)) &= (9+8! \times 7) - (6 \times (5 - (((4!+3!!) \times 2) + 1))) \\
 291154 &:= 1 - ((23+4!) - ((5 \times (6+7)) \times (8!/9))) &= (((9 + ((8 \times 76) \times 5!)) \times 4) - (3!! + 2)) \times 1 \\
 291155 &:= -1 - ((2 \times (3!! - ((4!+5) \times (6+7!)))) + 8 \times 9) &= (9 + (8! \times 7 + 6!)) - (5 - ((4^{3!} \times 2) - 1)) \\
 291156 &:= (1+2)! \times ((3 \times (4! \times (5! - 6))) + (7+8! - 9)) &= (9 + (8! \times 7 + 6!)) - (5 - (4^{3!} \times 2 \times 1)) \\
 291157 &:= 1 - ((2 \times (3!! - ((4!+5) \times (6+7!)))) + 8 \times 9) &= (9 + (8! \times 7 + 6!)) - (5 - ((4^{3!} \times 2) + 1)) \\
 291158 &:= 1 \times ((2 \times (3-4!)) + ((5 \times (6+7)) \times (8!/9))) &= (9 \times ((8!/7+6!) \times 5)) - (((4!-3)^2) + 1) \\
 291159 &:= 1 - (2 \times (((3 - (4! \times (5!+6!))) \times 7) - 8!/9)) &= 9+8! + (7! + ((6 \times 5) \times ((4^{3!} \times 2) + 1))) \\
 291160 &:= ((12 \times (3!!+4!)) - 5) + ((6+7 \times 8!) - 9) &= (9 \times ((8!/7+6!) \times 5)) - (((4!-3)^2) - 1) \\
 291161 &:= 1 \times (((2+3!) \times 4^5) + (6! + (7 \times 8! + 9))) &= ((9 + (8! \times 7 + (6 \times 5!))) + 4^{3!} \times 2) \times 1 \\
 291162 &:= (1 + (((2+3!) \times 4^5) + (6! + 7 \times 8!))) + 9 &= (9+8! \times 7) + ((6 \times 5!) + ((4^{3!} \times 2) + 1)) \\
 291163 &:= (((((1+2)!!) \times (3+4!)) - 5) + (6 \times ((7! - 8) \times 9))) &= (9 - (((8!+7) - ((6^5 \times 4!) - 3!!)) \times 2)) \times 1 \\
 291164 &:= 1 \times ((2 \times (3! - 4!)) + ((5 \times (6+7)) \times (8!/9))) &= (9 - (((8!+7) - ((6^5 \times 4!) - 3!!)) \times 2)) + 1 \\
 291165 &:= 1 \times ((2 \times (3! \times (4! + (5+6!)))) + (7 \times (8! - 9))) &= (9 + (8! \times 7 + 6!)) + ((5 + 4^{3!} \times 2) - 1) \\
 291166 &:= (1 + (2 \times (3! \times (4! + (5+6!)))) + (7 \times (8! - 9))) &= (9 + (8! \times 7 + 6!)) + (5 + (4^{3!} \times 2 \times 1)) \\
 291167 &:= ((12 \times (3!!+4!)) + ((56 \times 7!) + 8)) - 9 &= (9 \times (8! - (7! - 6!/5))) - (4!^3 \times 2 + 1) \\
 291168 &:= ((1+2) \times 3!!) - ((4! \times 5! - (6^7/8)) \times 9) &= (9 \times (8! - (7! - 6!/5))) - (4!^3 \times 2 \times 1) \\
 291169 &:= (1 + (2 \times (3^4 \times 5!))) + (6 \times ((7! - 8) \times 9)) &= (9 \times (8! - (7! - 6!/5))) - (4!^3 \times 2 - 1) \\
 291170 &:= ((12 \times (3!!+4!)) + 5) + ((6+7 \times 8!) - 9) &= (9+8! \times 7) + ((6! + ((5+4^{3!}) \times 2)) - 1) \\
 291171 &:= ((1 \times 2^{3 \times 4}) + 5) \times (6 - 7 + 8 \times 9) &= (((9 - (8! + 7)) + (6^5 \times 4!)) - 3!!) \times 2 - 1 \\
 291172 &:= (1 + (2 \times (3! \times (4! - (5 - 6!)))) + (7 \times (8! + 9))) &= (9+8! \times 7) + (6! + (((5+4^{3!}) \times 2) + 1)) \\
 291173 &:= (((((1+2)!!) \times (3+4!)) + 5) + (6 \times ((7! - 8) \times 9))) &= (((9 - (8! + 7)) + (6^5 \times 4!)) - 3!!) \times 2 + 1 \\
 291174 &:= (((((12^3) \times 4!) + (5! - 6)) \times 7) + 8 \times 9) &= (9 \times (8! - (7! - 6))) - (5! \times (4 + (3!^{2+1}))) \\
 291175 &:= 1 - ((2 + (3! \times 4)) - ((5 \times (6+7)) \times (8!/9))) &= 9 - (8 - ((7^6 - ((5! - 4!) \times 3!!)) \times (2+1)!))
 \end{aligned}$$

$$\begin{aligned}
 291176 &:= (((1-2) + (3^4 \times 5!)) - 6!) + (7 \times (8! - 9)) &= (((9+8!) \times 7) - 6) + ((5! \times ((4! \times 3) + 2)) - 1) \\
 291177 &:= (((1-2) + (3 \times 4!)) \times (5! + 6)) + 7 \times 8! - 9 &= (((9 + (8 \times (7 \times 6))) \times (5! + (4 + 3!))) - 2) - 1 \\
 291178 &:= ((1 + ((2 + (3 \times 4!)) \times 5!)) - 6) + (7 \times (8! + 9)) &= (((9+8!) \times 7) - 6) + ((5! \times ((4! \times 3) + 2)) + 1) \\
 291179 &:= ((1 \times 2 + (3^4 \times 5!)) - 6!) + (7 \times (8! - 9)) &= (((9 + (8 \times (7 \times 6))) \times (5! + (4 + 3!))) - 2) + 1 \\
 291180 &:= (((1+2) + (3^4 \times 5!)) - 6!) + (7 \times (8! - 9)) &= ((9 \times (8!/7)) + (6 \times ((5!/4!)^{3!}))) \times 2 \times 1 \\
 291181 &:= 1 \times 2 + (3 - (4! - ((5 \times (6+7)) \times (8!/9)))) &= ((9 + (8 \times (7 \times 6))) \times (5! + (4 + 3!))) + (2 - 1) \\
 291182 &:= 1 \times 2 + ((3! + 4 + 5!) \times ((6 \times 7 \times 8) + 9)) &= ((9+8!) \times 7) + (((6! + (5 \times 4)) \times 3! \times 2) - 1) \\
 291183 &:= (((1-2) + 3^4) \times 5!) - (6! - (7 \times (8! + 9))) &= (9 + 8! \times 7) + (6 \times (((5! + 4) \times 3! \times 2) + 1)) \\
 291184 &:= (1 - ((2 - 3^4) \times (5! - 6))) + (7 \times (8! - 9)) &= ((9+8!) \times 7) + (((6! + (5 \times 4)) \times 3! \times 2) + 1) \\
 291185 &:= 1 + ((2 + 3!) - (4! - ((5 \times (6+7)) \times (8!/9)))) &= (9 \times (8 + 7!)) - (6 - ((5! \times (4^{3!}/2)) - 1)) \\
 291186 &:= (((1+2)!!/3) \times 4^5) - 6) + ((7! + 8) \times 9) &= (9 \times (8 + 7!)) + (6 \times ((5 \times 4^{3!} \times 2) - 1)) \\
 291187 &:= (1 + 2 \times 3!) \times (4 + (5 \times (6 - 7 + 8!/9))) &= (9 \times (8 + 7!)) - (6 - ((5! \times (4^{3!}/2)) + 1)) \\
 291188 &:= 1 \times 2 + ((3^4 \times (5 \times (6! + (7 - 8)))) - 9) &= (((9+8!) \times 7) + 6) + ((5! \times ((4! \times 3) + 2)) - 1) \\
 291189 &:= (1 + 2) + ((3^4 \times (5 \times (6! + (7 - 8)))) - 9) &= (((9+8!) \times 7) + 6) + (5! \times ((4! \times 3) + 2 \times 1)) \\
 291190 &:= (1 + (((2 \times (3! + 4!)) + 5) \times 6)) + (7 \times 8! - 9) &= (((9+8!) \times 7) + 6) + ((5! \times ((4! \times 3) + 2)) + 1) \\
 291191 &:= 1 + ((2 - (3 \times 4)) + ((5 \times (6+7)) \times (8!/9))) &= ((9 \times (8 + 7!)) + ((6 \times 5) \times 4^{3!} \times 2)) - 1 \\
 291192 &:= (((1+2)!!/3) \times 4^5) + (((6! \times 7) + 8) \times 9) &= 9 - (((8! - 7) - ((6^5 \times 4!) - 3!)) \times 2) - 1 \\
 291193 &:= (1 - (2 + 3!)) \times ((4 \times (5! - 6!)) - ((7 \times 8) - 9)) &= ((9 \times (8 + 7!)) + ((6 \times 5) \times 4^{3!} \times 2)) + 1 \\
 291194 &:= (1 + 2)! - ((3 \times 4) - ((5 \times (6+7)) \times (8!/9))) &= (9 \times (8! - ((7+6) \times (5^4)))) + 3! \times 2 - 1 \\
 291195 &:= (((1-2) + (3 \times 4!)) \times (5! + 6)) + 7 \times 8! + 9 &= (9 + 8! \times 7) + ((6 + 5!) \times ((4! \times 3) - (2 - 1))) \\
 291196 &:= (1 + 2)!! - (3! + (4 - ((5 \times (6+7)) \times (8!/9)))) &= (9 \times (8! - ((7+6) \times (5^4)))) + (3! \times 2 + 1) \\
 291197 &:= ((12 \times (3! + 4!)) + (5!/6 + 7 \times 8!)) + 9 &= (9 \times (8 + 7!)) + ((6 + (5! \times (4^{3!}/2))) - 1) \\
 291198 &:= (((1+2)!!/3) \times 4^5) + 6) + ((7! + 8) \times 9) &= (9 \times (8 + 7!)) + (6 + (5! \times (4^{3!}/2 \times 1))) \\
 291199 &:= (1 + 2)! - ((3 + 4) - ((5 \times (6+7)) \times (8!/9))) &= (9 \times (8! - 7!)) - (6! + (((5! \times 4)/3)^2) + 1)) \\
 291200 &:= (((1-2 \times 3!) \times 4^5) - 6^7) \times (8 - 9) &= (((9+8!) \times 7) - (6 \times (5 - ((4! + 3!)) \times 2))) - 1 \\
 291201 &:= ((1 + 2^{3!}) \times (4! + (5! - 6))) + (7 \times 8! - 9) &= (9 \times (8! - 7!)) - ((6! + (((5! \times 4)/3)^2)) - 1) \\
 291202 &:= (1 + (((2 \times (3! + 4!)) - 5) \times 6)) + (7 \times (8! + 9)) &= (((9+8!) \times 7) - (6 \times (5 - ((4! + 3!)) \times 2))) + 1 \\
 291203 &:= 1 \times 2 - ((3 - 4) - ((5 \times (6+7)) \times (8!/9))) &= (9 \times (((8!/7 + 6!) \times 5) - 4)) - (3!!/2 + 1) \\
 291204 &:= 1 - ((2 \times (3! - ((4! + 5) \times (6 + 7!)) - 8)) + 9) &= ((9+8!) \times 7) + (6! - (((5 - 4^{3!}) \times 2) + 1)) \\
 291205 &:= (1 + 2) + (3! - (4 - ((5 \times (6+7)) \times (8!/9)))) &= (((9+8!) \times 7) + 6!) - ((5 - 4^{3!}) \times 2) \times 1 \\
 291206 &:= 1 \times 2 \times (3 + ((4! \times (5! + (6! + 7!))) + 8!/9)) &= ((9+8!) \times 7) + (6! - (((5 - 4^{3!}) \times 2) - 1)) \\
 291207 &:= ((1 - 2 \times 3!) \times (4! - (5! + 6!))) + (7 \times 8! - 9) &= ((9+8!) \times 7) - (6 \times (5 - (((4! + 3!)) \times 2) + 1))) \\
 291208 &:= (1 + (((2 \times (3! + 4!)) + 5) \times 6)) + (7 \times 8! + 9) &= 9 - (((8 - 7!/6) \times (5 \times ((4! \times 3) - 2))) + 1) \\
 291209 &:= 1 + 2 \times 3! - (4 - ((5 \times (6+7)) \times (8!/9))) &= (((9+8!) \times 7) + 6!) - (5 - ((4^{3!} \times 2) - 1)) \\
 291210 &:= (((1+2)!!) \times (3^4 \times 5)) - (6 \times ((7 \times 8) + 9)) &= (9 + (8 \times (((7+6!) \times 5) + 4))) \times (3^2 + 1) \\
 291211 &:= ((12 \times (3! + 4!)) - (5!/6)) + (7 \times (8! + 9)) &= (((9+8!) \times 7) + 6!) - (5 - ((4^{3!} \times 2) + 1)) \\
 291212 &:= (1 - ((2 \times (3! - ((4! + 5) \times (6 + 7!)))) + 8)) - 9 &= (9 + ((8! + 7!) \times 6)) + (((5! + (4! - 3!))^2) - 1) \\
 291213 &:= (1 + 2 \times 3!) \times ((4 - (5 \times ((6 - 7) - 8!)))/9) &= (9 + ((8! + 7!) \times 6)) + ((5! + (4! - 3!))^2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 291214 &:= 1 \times 2 + ((3 \times 4) + ((5 \times (6 + 7)) \times (8!/9))) &= ((9 + 8!) \times 7) + (((6 \times 5!) + 4^{3!} \times 2) - 1) \\
 291215 &:= 1 \times (((2 + 3!) \times 4^5) + (6! + (7 \times (8! + 9)))) &= ((9 \times ((8!/7 + 6!) \times 5)) - 4!) - (3!/2 + 1) \\
 291216 &:= (1 + (((2 + 3!) \times 4^5) + 6!)) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + ((6 \times 5!) + ((4^{3!} \times 2) + 1)) \\
 291217 &:= 1 + 2 \times 3! + (4 + ((5 \times (6 + 7)) \times (8!/9))) &= 9 + (8 \times (((7 \times (6^5 + 4!))/3) \times 2) + 1)) \\
 291218 &:= (1 + 2)! + ((3 \times 4) + ((5 \times (6 + 7)) \times (8!/9))) &= ((9 + ((8 \times 7) \times ((6^5 + 4!)/3))) \times 2) \times 1 \\
 291219 &:= ((1 + 2^{3!}) \times (4! + (5! - 6!))) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + 6!) + ((5 + 4^{3!} \times 2) - 1) \\
 291220 &:= (1 + ((2 \times (3! \times (4! + (5 + 6!)))))) + 7 \times 8! - 9 &= 9 - (((8 - (((7! + 6) \times (5 + 4!)) - 3!)) \times 2) + 1) \\
 291221 &:= (1 + 2) - (3! - (4! + ((5 \times (6 + 7)) \times (8!/9)))) &= (((9 + 8!) \times 7) + 6!) + (5 + ((4^{3!} \times 2) + 1)) \\
 291222 &:= (1 - (2 \times (3! - (((4! + 5) \times (6 + 7!)) - 8)))) + 9 &= (9 - ((8 - (((7! + 6) \times (5 + 4!)) - 3!)) \times 2)) + 1 \\
 291223 &:= 1 \times 2 - (3 - (4! + ((5 \times (6 + 7)) \times (8!/9)))) &= (9 \times (8! - (7! + 6))) - (((54 \times 3)^2) - 1) \\
 291224 &:= 1 + ((2 - 3) + (4! + ((5 \times (6 + 7)) \times (8!/9)))) &= 9 - ((8 \times (7! + (6 \times (5 - ((4^3)/2)))))) + 1 \\
 291225 &:= ((1 - 2 \times 3!) \times (4! - (5! + 6!))) + (7 \times 8! + 9) &= (9 + 8! \times 7) + ((6! + (5! - 4!)) \times ((3! \times 2) - 1)) \\
 291226 &:= 1 \times (2 + ((3! \times 4) + ((5 \times (6 + 7)) \times (8!/9)))) &= 9 - ((8 \times (7! + (6 \times (5 - ((4^3)/2)))))) - 1 \\
 291227 &:= (1 + (2 \times (3! - ((4! + 5) \times (6 + 7!)))))) \times (8 - 9) &= (9 \times ((8!/7 + 6!) \times 5)) - (((4! + 3!)/2) + 1) \\
 291228 &:= (1 - (2 \times (3! - ((4! + 5) \times (6 + 7!)))))) + (8 - 9) &= 9 - (8 - (((7! + 6) \times (5 + 4!)) - 3!) \times 2) - 1)) \\
 291229 &:= 1 + (2 \times (3! - ((4! + 5) \times (6 + 7!))) \times (8 - 9)) &= (9 \times ((8!/7 + 6!) \times 5)) - (((4! + 3!)/2) - 1) \\
 291230 &:= (1 - ((2 \times (3! - ((4! + 5) \times (6 + 7!)))))) + 8) + 9 &= 9 - (8 - (((7! + 6) \times (5 + 4!)) - 3!) \times 2) + 1)) \\
 291231 &:= (1 \times 2 \times ((3!/4 \times (5 + 6!)) - 7!)) + (8! - 9) &= (9 + 8! \times 7) + (6 \times (((5 + (4! + 3!)) \times 2) - 1)) \\
 291232 &:= (1 + (2 \times ((3!/4 \times (5 + 6!)) - 7!))) + (8! - 9) &= ((9 + (8 \times ((7 + 6!) \times 5))) + (4^{3^2}) - 1) \\
 291233 &:= 1 \times ((2 + (3^4 \times 5!)) - (6! - (7 \times 8! - 9))) &= ((9 + (8 \times ((7 + 6!) \times 5))) + (4^{3^2}) \times 1) \\
 291234 &:= 1 + ((2 + (3^4 \times 5!)) - (6! - (7 \times 8! - 9))) &= ((9 + (8 \times ((7 + 6!) \times 5))) + (4^{3^2})) + 1 \\
 291235 &:= ((1 - 2) + (3 \times (4 + 5!))) \times (6! - (7 - 8 \times 9)) &= ((9 \times ((8!/7 + 6!) \times 5)) - (4 + 3!/2)) - 1 \\
 291236 &:= 1 - ((2 \times (3! - (((4! + 5) \times (6 + 7!)) + 8))) + 9) &= ((9 \times ((8!/7 + 6!) \times 5)) - (4 + 3!/2)) \times 1 \\
 291237 &:= 1 \times ((2 \times (3! \times (4! + (5 + 6!)))) + (7 \times 8! + 9)) &= ((9 \times ((8!/7 + 6!) \times 5)) - 4) - (3!/2 - 1) \\
 291238 &:= (1 - (((2 - 3^4) \times (5! - 6!)) - (7 \times 8!))) - 9 &= (9 + 8! \times 7) + (((6! + 5 + 4!) \times 3! \times 2) + 1) \\
 291239 &:= 12 + (3 + (4! + ((5 \times (6 + 7)) \times (8!/9)))) &= (((9 + 8!/7!) \times 6!) - 5!) \times 4! + (3!/2 - 1) \\
 291240 &:= ((1 + 2)!^{3!}) + (4! \times (5! - (6 \times 7! - 8! + 9))) &= 9 - (8 + (((7 - (6! + (5! - 4!))) \times 3!/2) + 1)) \\
 291241 &:= (1 - 2 \times 3!) + (4! \times ((5 + (6! + 7!/8)) \times 9)) &= (((9 + 8!/7!) \times 6!) - 5!) \times 4! + (3!/2 + 1) \\
 291242 &:= 1 \times 2 \times (((3 + (4! \times (5! + 6!))) \times 7) + 8!/9) &= (((9 + 8!) \times 7) + ((6! - (5! - (4! \times 3!)))/2)) - 1 \\
 291243 &:= (((1 + 2) + (3 \times 4!)) \times 5!) - (6 - (7 \times 8! + 9)) &= (9 + (8! + 7!)) - (6 - (5! \times (4^{3!}/2 + 1))) \\
 291244 &:= ((12 \times (3! - 4!)) - (5 - 6!)) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + ((6! - (5! - (4! \times 3!)))/2)) + 1 \\
 291245 &:= (((1 + 2)^{3!+4}) \times 5) - ((6! - (7! - 8!))/9) &= ((9 \times (8 + 7! + 6)) + (5! \times (4^{3!}/2))) - 1 \\
 291246 &:= (((1 + 2)!!/3) \times 4^5) + ((6 + 7! + 8) \times 9) &= ((9 \times (8 + 7! + 6)) + (5! \times (4^{3!}/2))) \times 1 \\
 291247 &:= ((1 + (2 + 3)!) \times ((4 \times (5! - 6!)) - 7)) \times (8 - 9) &= ((9 \times (8 + 7! + 6)) + (5! \times (4^{3!}/2))) + 1 \\
 291248 &:= (((1 - 2) + (3^4 \times 5!)) - 6!) + (7 \times 8! + 9) &= (9 + 8! \times 7) - (((6! \times (5 - (4! + 3!)))/2) + 1) \\
 291249 &:= 1 - (2 - ((3! + 4) \times (5 \times (((6! + 7) \times 8) + 9)))) &= (9 + (8! + 7 \times 6!)) + (5! \times (4^{3!}/2 + 1)) \\
 291250 &:= (1 + (2 \times ((3!/4 \times (5 + 6!)) - 7!))) + (8! + 9) &= (9 + 8! \times 7) - (((6! \times (5 - (4! + 3!)))/2) - 1) \\
 291251 &:= ((1 \times 2 + (3^4 \times 5!)) - (6! - (7 \times 8!))) + 9 &= (9 \times ((8!/7 + 6!) \times 5)) + (((4! - 3!)/2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 291252 &:= 1 \times 2 + ((3! + 4) \times (5 \times (((6! + 7) \times 8) + 9))) &= (9 + (((8 + ((7! + 6) \times (5 + 4!))) - 3!) \times 2)) - 1 \\
 291253 &:= (1 + 2) + ((3! + 4) \times (5 \times (((6! + 7) \times 8) + 9))) &= (9 \times ((8!/7 + 6!) \times 5)) + (((4! - 3!)/2) + 1) \\
 291254 &:= 1 - ((2 \times (3! - (((4! + 5) \times (6 + 7!)) + 8))) - 9) &= (9 + (((8 + ((7! + 6) \times (5 + 4!))) - 3!) \times 2)) + 1 \\
 291255 &:= ((1 + 2)! + (3^4 \times 5!)) - (6! - (7 \times 8! + 9)) &= (9 + (8! + 7!)) + (6 + (5! \times (4^{3!}/2 + 1))) \\
 291256 &:= (1 - (((2 - 3^4) \times (5! - 6)) - (7 \times 8!))) + 9 &= 9 + (8 - (((7 - (6! + (5! - 4!))) \times 3!)/2 + 1)) \\
 291257 &:= ((12 \times (3! + 4!)) + (56 \times 7!)) + 89 &= ((9 + (8! + 7!)) \times 6) + (((5! + (4! - 3!))^2) - 1) \\
 291258 &:= ((1 + 2) \times (3 + (4! \times (5! + 6)))) + (7 \times (8! - 9)) &= (9 \times (8 + 7! - 6)) + (5! \times (4^{3!}/2 + 1)) \\
 291259 &:= (((12^3) \times 4) + (5 - 6!)) \times ((7 \times 8) - 9) &= ((9 + (8! + 7!)) \times 6) + (((5! + (4! - 3!))^2) + 1) \\
 291260 &:= 1 \times ((2^{3!} - (4 - ((5 \times (6 + 7)) \times (8!/9)))) &= (((9 + 8!) \times 7) + (6 \times (5 + ((4! + 3!) \times 2)))) - 1 \\
 291261 &:= (1 + (2 \times (3! + 4!))) + ((5 \times (6 + 7)) \times (8!/9)) &= (((9 + 8!) \times 7) + (6 \times (5 + ((4! + 3!) \times 2)))) \times 1 \\
 291262 &:= (1 + (((2 \times (3! + 4!)) + 5) \times 6)) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + (6 \times (5 + ((4! + 3!) \times 2)))) + 1 \\
 291263 &:= (1 + ((23^4) + (((5! \times 6!) + 7!)/8))) - 9 &= ((9 \times ((8!/7 + 6!) \times 5)) + 4!) - (3!/2 + 1) \\
 291264 &:= ((1 + 2 \times 3!) \times 4!) + (5 \times ((6! - 7) \times 8 \times 9)) &= ((9 \times ((8!/7 + 6!) \times 5)) + 4!) - (3!/2 \times 1) \\
 291265 &:= (1 + ((2 - (3! + 4! + 5)) \times 6)) \times (7 - 8 \times 9) &= ((9 \times ((8!/7 + 6!) \times 5)) + 4!) - (3!/2 - 1) \\
 291266 &:= 1 + ((2 - ((3 \times 4!) - 5)) \times ((6 - 7) - 8!/9)) &= ((9 \times (8! + (7 - ((6 + 5) \times (4 + 3!)))) - 2) + 1 \\
 291267 &:= (((1 + 2) \times (3! \times 4) + (5! + 6))) + 7 \times 8! + 9 &= (9 + 8! \times 7) + ((6 + (5! + (4 \times 3!))) \times (2 + 1)) \\
 291268 &:= ((1 + 2)! - (3 \times (4 - (5! \times 6!)))) + (7 \times 8!/9) &= ((9 + (8 \times (7 + 6!))) \times 5) + ((4^{3^2}) - 1) \\
 291269 &:= 1 \times (2 - (((3! + 4) \times (5 + 6)) - (7 + 8!)) \times 9) &= ((9 \times (8! + (7 - ((6 + 5) \times (4 + 3!)))) + 2) \times 1 \\
 291270 &:= (1 + 2)! \times (((3 + (4^5 + (6! \times 7))) \times 8) + 9) &= ((9 + (8 \times (7 + 6!))) \times 5) + ((4^{3^2}) + 1) \\
 291271 &:= 1 - (2 - ((3 \times 4!) + ((5 \times (6 + 7)) \times (8!/9)))) &= 9 - (8 + (7 \times ((6 - 5!) \times (4 + (3!/2 + 1)))))) \\
 291272 &:= 1 - (((2 + 3)! \times (4 \times (5! - 6! - 7))) + 89) &= 9 + (((8! - 7) + ((6!/5!)^4)) \times (3! + (2 - 1))) \\
 291273 &:= ((1 + 2^{3!}) \times (4! + (5! - 6))) + (7 \times (8! + 9)) &= 9 - (8 \times (7! + (6 \times (5 - (((4!^3)/2) + 1)))))) \\
 291274 &:= 1 \times (2 + ((3 \times 4!) + ((5 \times (6 + 7)) \times (8!/9)))) &= ((9 \times (87 + 6)) \times ((5! - 4) \times 3)) - 2 \times 1 \\
 291275 &:= 1 + (2 + ((3 \times 4!) + ((5 \times (6 + 7)) \times (8!/9)))) &= (9 \times (8 + (7! \times 6))) + (((5! + (4! - 3!))^2) - 1) \\
 291276 &:= 1 \times 2 \times ((3! + ((4! \times (5! - (6 - 7!)))/8)) \times 9) &= (9 \times ((8!/7 + 6!) \times 5)) - ((4! - 3!)^2 \times 1) \\
 291277 &:= ((-1 + 2) + 3!) + ((4 - ((5! \times 67) - 8!)) \times 9) &= (9 \times ((8!/7 + 6!) \times 5)) - (((4! - 3!)^2) - 1) \\
 291278 &:= (1 + 2 \times 3!) \times ((4! + (5 \times (6 + 7! \times 8)))/9) &= ((9 + 8!) \times 7) + (((6 - 5) + 4!) \times (3!/2 - 1)) \\
 291279 &:= ((1 - 2 \times 3!) \times (4! - (5! + 6!))) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + ((6! + (5! - 4!)) \times ((3! \times 2) - 1)) \\
 291280 &:= (1 - 2 \times 3!) \times ((4! + 5!) - ((6^7 - 8!)/9)) &= (9 + (8! \times 7 + 6!)) + ((5! + 4^{3!} \times 2) - 1) \\
 291281 &:= (1 + ((23^4) + (((5! \times 6!) + 7!)/8))) + 9 &= ((9 + (8! \times 7 + (6! + 5!))) + 4^{3!} \times 2) \times 1 \\
 291282 &:= ((1 + 2)! + 3!) + ((4 - ((5! \times 67) - 8!)) \times 9) &= (9 + (8! \times 7 + 6!)) + (5! + ((4^{3!} \times 2) + 1)) \\
 291283 &:= 1 \times (2 + (3^4 + ((5 \times (6 + 7)) \times (8!/9)))) &= ((9 \times (8! - ((7 \times (6! + 5)) + (4 \times 3!)))) - 2) \times 1 \\
 291284 &:= 1 \times (2 \times (((3! + (4! \times (5! + 6!))) \times 7) + 8!/9)) &= ((9 \times (8! - ((7 \times (6! + 5)) + (4 \times 3!)))) - 2) + 1 \\
 291285 &:= 1 + (2 \times (((3! + (4! \times (5! + 6!))) \times 7) + 8!/9)) &= ((9 + 8!) \times 7) + (6 \times (((5 + (4! + 3!)) \times 2) - 1)) \\
 291286 &:= 1 + ((2 - (((3! + 4) \times (5 + 6)) - (7 + 8!))) \times 9) &= ((9 \times (8! - ((7 \times (6! + 5)) + (4 \times 3!)))) + 2) - 1 \\
 291287 &:= 1 - (2 \times (3! - ((4! + 5) \times ((6 + 7!) - 8 + 9)))) &= 9 + (8 - (7 \times ((6 - 5!) \times (4 + (3!/2 + 1)))))) \\
 291288 &:= (1 - (2 \times (3 + 4!))) \times (5! + ((6 - 7!/8) \times 9)) &= ((9 \times (8! - ((7 \times (6! + 5)) + (4 \times 3!)))) + 2) + 1 \\
 291289 &:= 1 - (((2 + 3)! \times (4 \times (5! - 6! - 7))) + 8 \times 9) &= (9 - 8) \times ((7^6) + (5! \times (((4 + 3!)) \times 2) - 1)) \\
 291290 &:= ((1 + 2) \times (3! + 4!)) + ((5 \times (6 + 7)) \times (8!/9)) &= (((9 + (8 \times (7 + 6!))) \times 5) + 4) \times (3^2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 291291 &:= 1 \times ((2 \times (3! \times (4! + (5 + 6!)))) + (7 \times (8! + 9))) &= (9 \times (8! - ((7 \times (6! + 5)) + (4 \times 3!))) + (2 + 1)! \\
 291292 &:= (1 + (2 \times (3! \times (4! + (5 + 6!)))) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + (((6! + 5 + 4!) \times 3! \times 2) + 1) \\
 291293 &:= 12 + (3^4 + ((5 \times (6 + 7)) \times (8!/9))) &= (9 \times (8! - (7! - (6 - (5! \times 4!)))) - (3!/2 + 1) \\
 291294 &:= (1 + 2)!! - (((3!! \times 4) + (5! - (6 - (7! - 8!)))) \times 9) &= (9 \times (8! - (7! - (6 - (5! \times 4!)))) - (3!/2 \times 1) \\
 291295 &:= 1 \times ((23 + (4! \times ((5! \times 6) - 7))) \times (8 + 9)) &= (9 \times (8! - (7! - (6 - (5! \times 4!)))) - (3!/2 - 1) \\
 291296 &:= (12 \times 3!) + (4! + ((5 \times (6 + 7)) \times (8!/9))) &= (9 + 8 - (76 \times 5!)) \times (4 - (3! \times (2 + 1)!)) \\
 291297 &:= ((1 + 2)!) + (((3! + 4) \times (5! + 6!)) + (7 \times (8! - 9))) &= ((9 + 8!) \times 7) + (6 \times (((5! + (4 \times 3!))/2) - 1)) \\
 291298 &:= (1 - ((2 - 3 \times 4!) \times 5!)) + (6! + (7 \times (8! - 9))) &= (-9 + ((8! - 7!) \times 6)) + (5! + (43^{2+1})) \\
 291299 &:= (1 + 2)!! - (((3 \times 4!) - 5) \times (6! - (7! + 8 + 9))) &= 9 \times 8 + (((((7! + 6) \times (5 + 4!)) - 3!) \times 2) - 1) \\
 291300 &:= 1 \times ((2 + 3) \times (4 \times 5 + ((6 + 7) \times (8!/9)))) &= 9 \times 8 + (((((7! + 6) \times (5 + 4!)) - 3!) \times 2 \times 1) \\
 291301 &:= (1 - (2 \times (3!! - ((4! + 5) \times (6 + 7!)))) + 8 \times 9 &= ((9 \times (8! - 7!)) + (((6! - 5) - 4!^3) \times 2)) - 1 \\
 291302 &:= (((1 + ((2 + 3)!/4!) \times 5) + 6!) + (7 \times (8! - 9)) &= ((9 \times (8! - 7!)) + (((6! - 5) - 4!^3) \times 2)) \times 1 \\
 291303 &:= (((1 + 2) \times 3!! - 4!) \times 5!) + ((6^7/8) - 9) &= ((9 \times (8! - 7!)) + (((6! - 5) - 4!^3) \times 2)) + 1 \\
 291304 &:= 1 - ((2 - (((3 + (4 \times 5!)) \times 67) + 8)) \times 9) &= ((9 + 8!) \times 7) - (((6! \times (5 - (4! + 3!)))/2) - 1) \\
 291305 &:= (1 + 2 \times 3! \times 4) \times (5! + (((6! + 7) \times 8) + 9)) &= (9 \times (8! - 7!)) - ((6! + 5 + 4!) \times (3!^2 - 1)) \\
 291306 &:= 1 + ((2 + (3^4 \times 5!)) - (6! - (7 \times (8! + 9)))) &= (9 \times (8 + 7!)) - (6 - (5! \times (4^3/2 + 1))) \\
 291307 &:= -1 + (2 + (3! \times (((4^5 + (6 + 7!)) \times 8) - 9))) &= (-9 + 8! \times 7 / (6 \times 5) - \sqrt{4}) \times (32 - 1) \\
 291308 &:= 1 \times (2 + (3! \times (((4^5 + (6 + 7!)) \times 8) - 9))) &= (9 + (8! \times 7 + ((6! + (5! + 4! \times 3!))/2))) - 1 \\
 291309 &:= 1 + (2 + (3! \times (((4^5 + (6 + 7!)) \times 8) - 9))) &= (9 + (8! \times 7 + ((6! + (5! + 4! \times 3!))/2))) \times 1 \\
 291310 &:= (1 - ((2 - 3^4) \times (5! - 6))) + (7 \times (8! + 9)) &= (9 + (8! \times 7 + ((6! + (5! + 4! \times 3!))/2))) + 1 \\
 291311 &:= 1 - (2 - (((3 + 4)!) + (56 \times (7! + 8 \times 9)))) &= (9 \times (8! - 7!)) + (((6 \times 5! - 4!^3) \times 2) - 1) \\
 291312 &:= (1 - 2^{3!}) \times (((4! + 5!) \times (6 - 7)) - 8!/9) &= (9 \times (8 + 7 \times 6!)) + (5! \times (4^3/2 + 1)) \\
 291313 &:= (((12 \times 34) \times (5 + 6!)) - 7) - 8!/9 &= (9 \times (8! - 7!)) + (((6 \times 5! - 4!^3) \times 2) + 1) \\
 291314 &:= 1 \times 2 - (3 \times ((4! - (5! + 6!)) \times (7 \times (8 + 9)))) &= 9 - (8 - ((7 \times (((6 \times 5) + 4) \times 3!)^2) + 1)) \\
 291315 &:= (1 + 2) - (3 \times ((4! - (5! + 6!)) \times (7 \times (8 + 9)))) &= (9 + (8! \times 7 + ((6 + 5!) \times (4! \times 3!))) - (2 + 1)! \\
 291316 &:= 1 \times ((2 + 3)! - (4 - ((5 \times (6 + 7)) \times (8!/9)))) &= (9 + ((8! - 7!) \times 6)) + (5! + (43^{2+1})) \\
 291317 &:= ((1 + (2 + 3)!) - 4) + ((5 \times (6 + 7)) \times (8!/9)) &= -9 + (((87 + 6!) \times ((5 - 4) + 3!/2)) - 1) \\
 291318 &:= (((1 + 2)!) \times (3^4 \times 5)) - (6 \times ((7 \times 8) - 9)) &= (9 \times (8 + 7!)) + (6 + (5! \times (4^3/2 + 1))) \\
 291319 &:= (((1 + 2)^{3!+4}) \times 5) - 6 + ((7! - 8!)/9) &= (9 + (8! \times 7 + ((6 + 5!) \times (4! \times 3!))) - 2 \times 1 \\
 291320 &:= (1 - (2^{3!} \times ((4! \times (5!/6)) - (7! - 8)))) - 9 &= 9 - 8 + (7 \times (((6 \times 5) + 4) \times 3!)^2 + 1) \\
 291321 &:= (((1 + 2) \times 3!! - 4!) \times 5!) + ((6^7/8) + 9) &= (9 \times (8! - 7!)) + (((6! + 5) - 4!^3) \times 2) - 1) \\
 291322 &:= 1 - (((2 - 3!!) \times 45) - (67 - 8)) \times 9 &= 9 + 8! - (7 - (((6 + 5!) \times 4) - 3!)^2 - 1) \\
 291323 &:= (1 \times 2 + ((3 \times (4! \times (5! + 6))) + 7 \times 8!)) + 9 &= (9 \times (8! - 7!)) + (((6! + 5) - 4!^3) \times 2) + 1) \\
 291324 &:= (1 + 2)! \times ((3 + ((4^5 + (6 + 7!)) \times 8)) - 9) &= 9 + 8! - (7 - (((6 + 5!) \times 4) - 3!)^2 + 1) \\
 291325 &:= (((1 + 2)^{3!+4}) \times 5) + ((6! \times 7 - 8!)/9) &= 98 + (((((7! + 6) \times (5 + 4!)) - 3!) \times 2) - 1) \\
 291326 &:= ((12 \times (3!! - 4!)) + (5 + (6! + 7 \times 8!))) + 9 &= ((9 + 8! - 7) + ((6!/5!)^4)) \times (3! + (2 - 1)) \\
 291327 &:= 1 - (2 \times (3!! - (((4! + 5) \times ((6! \times 7) + 8)) - 9))) &= (9 + (8! \times 7 + ((6 + 5!) \times (4! \times 3!))) + (2 + 1)! \\
 291328 &:= (1 \times 2^{3+4}) + ((5 \times (6 + 7)) \times (8!/9)) &= 9 + 8 + ((7 \times (((6 \times 5) + 4) \times 3!)^2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 291329 &:= ((1 + ((2 \times 3!! \times 4!)/5)) + 6^7) + 8!/9 &= (9 + 8! \times 7) - (6! - (((5! - (4! - 3!))^2) - 1)) \\
 291330 &:= (((1 + 2) \times (3 + (4! \times (5! + 6)))) + 7 \times 8!) + 9 &= ((9 \times (8! - ((7! \times 6) + 5!)))/4) \times (3! \times 2 + 1) \\
 291331 &:= (((1 + 2)^{3!+4}) \times 5) + 6) + ((7! - 8!)/9) &= (9 + 8! \times 7) - (6! - (((5! - (4! - 3!))^2) + 1)) \\
 291332 &:= 1 \times 2 + ((3!! \times 4! - ((5 \times (6 + 7!)) - 8!)) \times 9) &= ((98 \times 7) + 6) \times (((5! \times (4 + 3))/2) + 1) \\
 291333 &:= 1 + (2 - (((3!! \times 4) + ((5 \times 6 + 7!) - 8!)) \times 9)) &= (9 + (8! + (((7 \times 6!) + 5!)/4))) \times (3! + (2 - 1)) \\
 291334 &:= 1 \times 2 \times ((34 - 5) \times (6! \times 7 - (8 + 9))) &= (((9 + 8!) \times 7) + 6!) + ((5! + 4^{3!} \times 2) - 1) \\
 291335 &:= (-1 + 2) + ((3! - (4 - 56)) \times (7! - (8 + 9))) &= (((9 + 8!) \times 7) + 6!) + (5! + (4^{3!} \times 2 \times 1)) \\
 291336 &:= 1 - (((2 - (3! \times (4^5 + (6 + 7!)))) \times 8) + 9) &= 9 + 8! + ((7 + (((6 + 5!) \times 4) - 3^2)) - 1) \\
 291337 &:= ((1 + 2)!^{3!}) - (((4! \times (5! - 6!)) + 7) \times (8 + 9)) &= 9 - (8 \times (7! + (((6 \times (5 - 4!^3))/2) + 1))) \\
 291338 &:= (1 - (2^{3!} \times ((4! \times (5!/6)) - (7! - 8)))) + 9 &= 9 + 8! + (7 + (((6 + 5!) \times 4) - 3^2) + 1) \\
 291339 &:= ((1 + 2) \times (3! + (4! \times (5! + 6)))) + (7 \times 8! + 9) &= (9 + 8! \times 7) - ((6! - ((5^4) \times 3!)) \times (2 + 1)) \\
 291340 &:= 1 \times (2 \times (3 + ((4! + 5) \times (6! \times 7 - (8 + 9)))))) &= 98 + ((76 - 5) \times (4^{3!} + (2 + 1)!)) \\
 291341 &:= 1 - (2 \times (((3! + 4!) \times ((5 - 6!) \times 7)) + 8!/9)) &= ((-9 - (((8 - (7! \times 6/5)) \times 4!) - 3!)) \times 2) - 1 \\
 291342 &:= 1 \times (2 \times ((3 \times ((4^5 + (6 + 7!)) \times 8)) - 9)) &= 9 \times 8 - (7 \times ((6 - 5!) \times (4 + (3!!/2 + 1)))) \\
 291343 &:= 1 + (2 \times ((3 \times ((4^5 + (6 + 7!)) \times 8)) - 9)) &= (9 \times ((8!/7 + 6!) \times 5)) - ((4^{3!-2}) + 1) \\
 291344 &:= (((1 + 2)!^{3!}) \times 4) + ((5 + 6) \times (7! + 8!/9)) &= 9 - ((8 \times (7! + ((6 \times (5 - 4!^3))/2))) + 1) \\
 291345 &:= (((1 + 2)!)! \times (3 \times 4!)) - (5! - (6^7 - 8! + 9)) &= ((9 \times ((8!/7 + 6!) \times 5)) - (4^{3!-2})) + 1 \\
 291346 &:= (1 \times 2 + 3! \times 4!) + ((5 \times (6 + 7)) \times (8!/9)) &= 9 - ((8 \times (7! + ((6 \times (5 - 4!^3))/2))) - 1) \\
 291347 &:= (1 + 2) + (3! \times 4! + ((5 \times (6 + 7)) \times (8!/9))) &= (9 \times (((8!/7 + 6!) \times 5) - 4!)) - (3!^2 + 1) \\
 291348 &:= (1 + 2)!! - ((3! - ((4 \times 5!) - 6)) \times (7!/8 - 9)) &= (9 \times (((8!/7 + 6!) \times 5) - 4)) - (3!^{2+1}) \\
 291349 &:= 1 - (((2 - 3!!) \times 45) - (6 + 7 \times 8)) \times 9 &= (9 \times (((8!/7 + 6!) \times 5) - 4!)) - (3!^2 - 1) \\
 291350 &:= 1 - (2 - ((3! \times ((4^5 + (6 + 7!)) \times 8)) - 9)) &= ((9 \times 8) + (7! + (6! - 5))) \times (((4 + 3)^2) + 1) \\
 291351 &:= ((1 + 2)!)! + (((3! + 4) \times (5! + 6!)) + 7 \times 8! - 9) &= ((9 + 8!) \times 7) + ((6 \times 5! - 4!) \times (3! \times 2 + 1)) \\
 291352 &:= (1 - ((2 - 3 \times 4!) \times 5!)) + (6! + 7 \times 8! - 9) &= (9 + (((8 + 7 \times 6!) \times (5 + 4!)) - 3!!) \times 2) - 1 \\
 291353 &:= 1 \times ((2 + (3! \times ((4^5 + (6 + 7!)) \times 8))) - 9) &= 9 - (8 \times ((7! + ((6 \times (5 - 4!^3))/2)) - 1)) \\
 291354 &:= (1 - ((2 - (3! \times (4^5 + (6 + 7!)))) \times 8)) + 9 &= (9 + (((8 + 7 \times 6!) \times (5 + 4!)) - 3!!) \times 2) + 1 \\
 291355 &:= -1 - (2^{3!} + (((4 \times (5 + 6!)) + 7! - 8!) \times 9)) &= ((9 \times (8!/7 + (6! - 5))) - 4) \times ((3 + 2) \times 1) \\
 291356 &:= (((1 + ((2 + 3!)!/4!)) \times 5) + (6! + 7 \times 8!)) - 9 &= (9 \times ((8! - 7) - (6^5 + 4))) - (3!! \times 2 + 1) \\
 291357 &:= 1 - (2^{3!} + (((4 \times (5 + 6!)) + 7! - 8!) \times 9)) &= (9 \times (((8! + 7!)/6!) + (5! \times 4!))) \times ((3! \times 2) - 1) \\
 291358 &:= (1 + (2 \times (3! \times (45 + 6!)))) + (7 \times (8! - 9)) &= (9 \times ((8! - 7) - (6^5 + 4))) - (3!! \times 2 - 1) \\
 291359 &:= ((1 - (2 + 3)!) \times (4! - 5!)) + (6^7 + (8 - 9)) &= ((9 + 8!/7!) \times ((6! - 5) \times 4!)) - (3!!/2 + 1) \\
 291360 &:= (((1 + 2)!)! \times (3 \times (4 + 5!))) - ((6 \times (7! - 8!))/9) &= (((9 \times 8) + (7! + 6!)) \times 5) - 4! \times (3^2 + 1) \\
 291361 &:= (1 + (2 \times (3!! \times 4))) + ((5 \times 6) \times (7! + 8!/9)) &= (((9 + ((8 + 7 \times 6!) \times (5 + 4!))) - 3!!) \times 2) - 1 \\
 291362 &:= (1 - ((2 + 3)! \times (4 \times (5! - 6! - 7)))) - (8 - 9) &= ((9 + 8!) \times 7) + (((6! + (5! + 4! \times 3!))/2) - 1) \\
 291363 &:= 1 - (2 \times (3!! - (((4! + 5) \times ((6! \times 7) + 8)) + 9))) &= ((9 \times (8! - (7! + (((6! + 5) \times 4) + 3!)))) - 2) - 1 \\
 291364 &:= (1 + (((2^{3!} \times 4!) - 5) \times 6)) + (7 \times (8! - 9)) &= ((9 \times (8! - (7! + (((6! + 5) \times 4) + 3!)))) - 2) \times 1 \\
 291365 &:= 1 - (2 + ((3! + ((4 \times (5 + 6!)) + 7! - 8!)) \times 9)) &= ((9 \times (8! - (7! + (((6! + 5) \times 4) + 3!)))) - 2) + 1 \\
 291366 &:= (1 + 2) \times (3 + ((4 + 5) \times ((6! \times (7 + 8)) - 9))) &= (9 \times (8 + 7! + 6)) + (5! \times (4^{3!}/2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 291367 &:= 1 \times (((((2 + 3)! - 4!) \times 5!) + 6^7) - 89) &= ((98 + (7! + 65)) \times (4! + 32)) - 1 \\
 291368 &:= (1 + ((2 + (3! \times (4^5 + (6 + 7!)))) \times 8)) - 9 &= (9 + (8! \times 7 + 6!)) + ((5! \times ((4! \times 3) - 2)) - 1) \\
 291369 &:= ((1 + 2)! \times (3 + ((4^5 + (6 + 7!)) \times 8))) - 9 &= (9 - ((8! \times 7) / (6 \times 5))) \times (4 - (3!^2 - 1)) \\
 291370 &:= (1 - ((2 - 3 \times 4!) \times 5!)) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + ((5! \times ((4! \times 3) - 2)) + 1) \\
 291371 &:= 1 \times (2 + ((3! \times ((4^5 + (6 + 7!)) \times 8)) + 9)) &= (9 \times (((8! / 7 + 6!) \times 5) - 4!)) - (3! \times 2 + 1) \\
 291372 &:= 1 + (2 + ((3! \times ((4^5 + (6 + 7!)) \times 8)) + 9)) &= (((9 + 8!) \times 7) + (((6 + 5!) \times (4! \times 3)) - 2)) - 1 \\
 291373 &:= ((1 - 2 \times 3!) \times (4 - (5! + 6!))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + (((6 + 5!) \times (4! \times 3)) - 2)) \times 1 \\
 291374 &:= (((1 + ((2 + 3!) / 4!)) \times 5) + (6! + 7 \times 8!)) + 9 &= (9 \times (((8! / 7 + 6!) \times 5) - 4!)) - (3^2 + 1) \\
 291375 &:= (1 + 2)! + ((3! \times ((4^5 + (6 + 7!)) \times 8)) + 9) &= (9 \times (((8! / 7 + 6!) \times 5) - 4!)) - (3! + 2) - 1 \\
 291376 &:= 1 \times ((2 \times ((3! - 4!) \times 5)) + (6^7 + 8! / 9)) &= ((9 \times (((8! / 7 + 6!) \times 5) - 4!)) - (3! + 2)) \times 1 \\
 291377 &:= 1 + ((2 \times ((3! - 4!) \times 5)) + (6^7 + 8! / 9)) &= ((9 \times (((8! / 7 + 6!) \times 5) - 4!)) - (3! + 2)) + 1 \\
 291378 &:= 1 \times (2 \times ((3 \times ((4^5 + (6 + 7!)) \times 8)) + 9)) &= (9 - (((8 - (7! \times 6 / 5)) \times 4!) - 3!)) \times 2 \times 1 \\
 291379 &:= 1 + (2 \times ((3 \times ((4^5 + (6 + 7!)) \times 8)) + 9)) &= ((9 \times (((8! / 7 + 6!) \times 5) - 4!)) - 3) - 2 \times 1 \\
 291380 &:= ((12 \times (3! - 4!)) + (5 + 6!)) + (7 \times (8! + 9)) &= ((9 \times (((8! / 7 + 6!) \times 5) - 4!)) - 3!) + (2 \times 1) \\
 291381 &:= (((1 + (2 \times (3! - 4!))) \times 5) + 6^7) + 8! / 9 &= ((9 \times (((8! / 7 + 6!) \times 5) - 4!)) - 3) \times (2 - 1) \\
 291382 &:= ((1 - 2^3!) \times (4 \times 5! + (6 - 7!))) + 8! / 9 &= ((9 \times (((8! / 7 + 6!) \times 5) - 4!)) - 3) + (2 - 1) \\
 291383 &:= 1 + (2 + ((3! \times 4! - (5! / 6 \times 7)) \times (8 + 9))) &= (9 \times ((8! / 7 + 6!) \times 5)) - ((4! \times (3^2)) + 1) \\
 291384 &:= 1 \times 2 \times (((3! \times (4^5 - 6 - 7!)) + 8!) \times 9) &= (9 \times ((8! - 7) - 6^5)) - (((4 + 3!) \times 2) + 1) \\
 291385 &:= (1 + ((2 \times 3!)^4)) - ((5! - (6 \times (7! - 8))) \times 9) &= (9 \times ((8! / 7 + 6!) \times 5)) - ((4! \times (3^2)) - 1) \\
 291386 &:= (1 + ((2 + (3! \times (4^5 + (6 + 7!)))) \times 8)) + 9 &= (9 \times ((8! - 7) - 6^5)) - (((4 + 3!) \times 2) - 1) \\
 291387 &:= ((1 + 2)! \times (3 + ((4^5 + (6 + 7!)) \times 8))) + 9 &= ((9 \times (((8! / 7 + 6!) \times 5) - 4!)) + 3!) - (2 + 1) \\
 291388 &:= ((1 + (2^3! \times (4! + 5!))) - 6) + (7 \times (8! - 9)) &= ((9 \times ((8! - 7) - 6^5)) - 4) - (3! \times 2 + 1) \\
 291389 &:= 1 - (2 - (3! + (456 \times (7! / 8 + 9)))) &= ((9 \times (((8! / 7 + 6!) \times 5) - 4!)) + 3) + (2 \times 1) \\
 291390 &:= (1 + 2)! \times (3! \times 4! + (5 - ((6! - (7 \times 8!)) / 9))) &= ((9 \times ((8! - 7) - 6^5)) - 4) - (3! \times 2 - 1) \\
 291391 &:= (((1 + 2)!^{3!}) / 4) - (5! - 6^7) - 89 &= 9 \times 8 + (7 \times (((6 \times 5) + 4) \times 3!)^2 + 1) \\
 291392 &:= ((1 + 2)!^3) - (4! - ((5 \times (6 + 7)) \times (8! / 9))) &= (9 \times ((8! - 7) - (6^{5! / 4!}))) - (3! \times 2 + 1) \\
 291393 &:= ((1 + 2)! \times ((3 \times (4 + 5^6)) - 7!)) + (8! - 9) &= 9 - (8 \times ((7! - 6) + ((5 - 4!^3) \times (2 + 1)))) \\
 291394 &:= (1 + ((2 \times 3! - (4! - 5!)) \times 6)) + (7 \times (8! - 9)) &= (9 \times (((8! / 7 + 6!) \times 5) - 4!)) + 3^2 + 1 \\
 291395 &:= (1 - ((2 - (3! + 4! + 5)) \times 6)) \times ((7 \times 8) + 9) &= (9 \times (((8! / 7 + 6!) \times 5) - 4!)) + ((3! \times 2) - 1) \\
 291396 &:= (1 + 2)! \times (3! + ((4^5 - 6) \times ((7 \times 8) - 9))) &= ((9 \times ((8! - 7) - 6^5)) + 4) - (3! \times 2 + 1) \\
 291397 &:= (((1 + 2)! - 3!) \times 4! - 5) \times ((6 - 7) \times (8 + 9)) &= (9 \times ((8! - 7) - 6^5)) - (4 \times (3! / 2 - 1)) \\
 291398 &:= 1 - (23 + (((4 \times (5 + 6!)) + 7! - 8!) \times 9)) &= ((9 \times ((8! - 7) - 6^5)) + 4) - (3! \times 2 - 1) \\
 291399 &:= (1 + 2)! - (3 \times (4! + ((5 - (6! \times (7 + 8))) \times 9))) &= (((9 \times (8 + 7)) \times 6!) + (5 - (4! \times 3))) \times (2 + 1) \\
 291400 &:= (1 + ((2^3! \times (4! + 5!)) + 6)) + (7 \times (8! - 9)) &= (9 + 8! \times 7) + ((6! + ((5! + 4^3!) \times 2)) - 1) \\
 291401 &:= 1 - ((2 - 3!) \times (4 + ((5! - 6) \times (7! / 8 + 9)))) &= (9 + 8! \times 7) + (6! + ((5! + 4^3!) \times 2 \times 1)) \\
 291402 &:= (((1 + 2)!^{3!}) + 4! \times 5!) + (6 \times (7! \times 8 - 9)) &= (9 + 8! \times 7) + (6! + (((5! + 4^3!) \times 2) + 1)) \\
 291403 &:= (1 + (2 + 3!)) + ((4! \times 5! + 6) \times (78 + 9)) &= 98 + (7 \times (((6 \times 5) + 4) \times 3!)^2 - 1) \\
 291404 &:= ((1 + 2)! \times 34) + ((5 \times (6 + 7)) \times (8! / 9)) &= (((-9 + (8 \times ((7! \times 6 / 5) + 4!))) \times 3!) + 2) \times 1
 \end{aligned}$$

$$\begin{aligned}
 291405 &:= (((1+2)^{3!+4}) \times 5) + ((6! + 7! - 8!)/9) &= 9 + 8! + ((7 + (6! + 5)) \times ((4 + 3)^{2+1})) \\
 291406 &:= -1 \times (2 \times (3!! - (((4! + 5) \times (6 + 7!)) + 89))) &= (((-9 + 8!) \times 7) + (65 \times ((4! \times 3!) - 2))) - 1 \\
 291407 &:= (((12^3) \times 4!) - (5 + (6! \times 7))) \times 8 - 9 &= (9 \times (8 \times 7! - 6^5)) - (((4! + 3!!) \times 2) + 1) \\
 291408 &:= (((1+2)!)! \times (3+4!)) - (5! - ((6 \times 7! - 8) \times 9)) &= (9 \times (8 \times 7! - 6^5)) - ((4! + 3!!) \times 2 \times 1) \\
 291409 &:= 1 - (2 \times 3! + (((4 \times (5 + 6!)) + 7! - 8!) \times 9)) &= (9 \times (8 \times 7! - 6^5)) - (((4! + 3!!) \times 2) - 1) \\
 291410 &:= (1 + ((2 + (3^4 \times 5)) \times (6! + 7))) - 8!/9 &= (9 \times (8! - (7! + ((6! + 5) \times 4)))) - (3^2 + 1) \\
 291411 &:= (((1+2)^{3!+4}) \times 5) - (6 \times (7!/8 + 9)) &= 9 - (8 - ((7^6) + ((5! \times ((4 + 3!!) \times 2)) + 1))) \\
 291412 &:= (((1+2)!^3) - 4) + ((5 \times (6 + 7)) \times (8!/9)) &= (9 + ((8! \times 7)/(6!/5))) \times (4 \times (3!^2 + 1)) \\
 291413 &:= (1 \times 2 + (3^{4+5})) + (6 \times ((7! - 8) \times 9)) &= ((9 \times (8! - (7! + ((6! + 5) \times 4)))) - 3!) - (2 - 1) \\
 291414 &:= 1 \times 2 \times (3 \times (((4^5 + (6 + 7!)) \times 8) + 9)) &= ((9 \times (8! - (7! + ((6! + 5) \times 4)))) - 3!) \times (2 - 1) \\
 291415 &:= 1 \times (((2 + 3^4) \times (5 \times (6! - 7))) - 8!/9) &= ((9 \times (8! - (7! + ((6! + 5) \times 4)))) - 3) - 2 \times 1 \\
 291416 &:= 1 \times (2 - (3! + (((4 \times (5 + 6!)) + 7! - 8!) \times 9))) &= 9 - (8 + ((7!/6 - 5) \times (((4! - 3!!)/2) - 1))) \\
 291417 &:= (1 - 2^{3!}) - (4! \times (5 - ((6! + 7!/8) \times 9))) &= ((9 \times (8! - (7! - (6! - (5 \times (4 + 3!!)))))) - 2) - 1 \\
 291418 &:= (1 + (((2^{3!} \times 4!) - 5) \times 6) + 7 \times 8!) - 9 &= 9 + ((8! \times 7 + (6^5)) - (((4! - 3!!) \times 2) - 1)) \\
 291419 &:= 1 \times 2 - (3 + (((4 \times (5 + 6!)) + 7! - 8!) \times 9)) &= (9 \times (((8!/7 + 6!) \times 5) - 4!)) + (3!^2 - 1) \\
 291420 &:= (1 \times 2 - (3 \times ((4! - 5) \times (6 - 7!)))) + 8!/9 &= (9 \times (8! - (7! + ((6! - 5) \times 4)))) - (3!!/2 \times 1) \\
 291421 &:= ((1+2) - (3 \times ((4! - 5) \times (6 - 7!)))) + 8!/9 &= (9 \times (((8!/7 + 6!) \times 5) - 4!)) + 3!^2 + 1 \\
 291422 &:= 1 \times (2 - (((3!! + 4) \times 5) - (6! - (7! - 8!))) \times 9)) &= (((9 + 8!) \times 7) + 6!) + ((5! \times ((4! \times 3) - 2)) - 1) \\
 291423 &:= 1 + (2 - (((3!! + 4) \times 5) - (6! - (7! - 8!))) \times 9)) &= (((9 + 8!) \times 7) - 6!) - ((5! - ((4 + 3!)!) \times 2 \times 1) \\
 291424 &:= (1 + (((2^{3!} \times 4!) + 5) \times 6)) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + 6!) + ((5! \times ((4! \times 3) - 2)) + 1) \\
 291425 &:= 1 - (2 \times (3! \times ((4! - (5 \times 6!)) \times 7)) + 8!/9)) &= ((9 \times (8! - (7! + ((6! + 5) \times 4)))) + 3) + (2 \times 1) \\
 291426 &:= (1 + 2) + (3 - (((4 \times (5 + 6!)) + 7! - 8!) \times 9)) &= (9 \times (8! - (7! + 6!))) - (5! \times ((4! \times (3^2)) + 1)) \\
 291427 &:= ((1 - 2 \times 3!) \times (4 - (5! + 6!))) + (7 \times 8! - 9) &= 9 + (8 + ((7^6) + ((5! \times ((4 + 3!!) \times 2)) + 1))) \\
 291428 &:= 1 \times ((2 + 3!) - (((4 \times (5 + 6!)) + 7! - 8!) \times 9)) &= (9 \times ((8! - 7) - (6^5 - 4))) - (3!! \times 2 + 1) \\
 291429 &:= 1 + ((2 + 3!) - (((4 \times (5 + 6!)) + 7! - 8!) \times 9)) &= ((9 + 8) \times (7 - (6!/5 - (4! \times 3!)))) - 2 \times 1 \\
 291430 &:= ((1+2)!)! + ((3! + 4) \times ((5 \times ((6! + 7) \times 8) - 9)) &= (9 \times (8! - (7! + ((6! + 5) \times 4)))) + 3^2 + 1 \\
 291431 &:= (1 + (2^{3!} + 4! + 5 \times 6!)) \times (7 + 8 \times 9) &= ((9 \times (8 \times 7! - 6^5)) - 4!) - (3!! \times 2 + 1) \\
 291432 &:= 1 \times (2 \times 3! - (((4 \times (5 + 6!)) + 7! - 8!) \times 9)) &= 9 + (8 - ((7!/6 - 5) \times (((4! - 3!!)/2) - 1))) \\
 291433 &:= 1 + 2 \times 3! - (((4 \times (5 + 6!)) + 7! - 8!) \times 9) &= ((9 \times (8 \times 7! - 6^5)) - 4!) - (3!! \times 2 - 1) \\
 291434 &:= 1 \times (234 + ((5 \times (6 + 7)) \times (8!/9))) &= (((9 + 8) \times (7 - (6!/5 - (4! \times 3!)))) + 2) + 1 \\
 291435 &:= 1 \times (((2^{3!} \times 4!) - 5) \times 6) + (7 \times 8! + 9)) &= ((9 \times (((8 + 7) \times 6!) - 5)) - (4 + 3!)) \times (2 + 1) \\
 291436 &:= (1 + (((2^{3!} \times 4!) - 5) \times 6) + 7 \times 8!) + 9 &= (((((9 \times (8 + 7)) \times 6!) - 54) \times 3) - 2) \times 1 \\
 291437 &:= 1 - (2 + ((3 - ((45 \times 6!) - (7 + 8))) \times 9)) &= ((9 + 8) \times (7 - (6!/5 - (4! \times 3!)))) + (2 + 1)! \\
 291438 &:= (1 - 2^{3!}) \times (4 \times 5! + (6 - (7! + 8 \times 9))) &= (9 \times (((8 - 7) \times 6) + 5!)) \times ((4^{3!-2}) + 1) \\
 291439 &:= ((1 - 2) + (3 \times (((4! + 5!) \times 6!) - 7!))) - 8!/9 &= 9 - (8 + (7 \times (6 + (5! \times (((4! - 3!!)/2) + 1)))) \\
 291440 &:= (((1+2)!)! \times (3^4 \times 5)) - 6! + (7! - 8!/9) &= (9 \times ((8! - 7) - 6^5)) + (((4! - 3!!) \times 2) - 1) \\
 291441 &:= 1 \times ((2^{3!} \times (4! + 5!)) - (6 - (7 \times 8! - 9))) &= (9 \times ((8! - 7) - 6^5)) + ((4! - 3!!) \times 2 \times 1) \\
 291442 &:= 1 \times ((2 + (3 \times (((4! + 5!) \times 6!) - 7!))) - 8!/9) &= (9 \times ((8! - 7) - 6^5)) + (((4! - 3!!) \times 2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 291443 &:= 1 + ((2 + (3 \times (((4! + 5!) \times 6!) - 7!))) - 8! / 9) &= (9 \times (8! - (7! + ((6! + 5) \times 4))) + ((3! - 2)! - 1) \\
 291444 &:= (((1 + 2)!^{3!}) + 4! \times 5!) + (6 \times (7 + 8! - 9)) &= ((9 + 8!) \times 7! / 6!) - (5! - ((4! - 3)^{2+1})) \\
 291445 &:= ((1 - 2 \times 3!) \times (4 - (5! + 6!))) + (7 \times 8! + 9) &= (9 + 8! \times 7) + ((6! + (5! - 4)) \times ((3! \times 2) - 1)) \\
 291446 &:= 1 - (2 - (((((3 \times 4)^5) / 6) - 7!) \times 8) - 9)) &= 9 + (((87 - 6) \times (5! \times 4! + (3!! - 2))) - 1) \\
 291447 &:= (1 + 2 \times 3!) \times (4! + (5 \times (6 - 7 + 8! / 9))) &= (9 \times (8 \times 7! - 6^5)) - (((4 + 3!!) \times 2) + 1) \\
 291448 &:= (1 + ((2 \times 3!! - (4! - 5!)) \times 6)) + (7 \times 8! - 9) &= (9 \times (8 \times 7! - 6^5)) - ((4 + 3!!) \times 2 \times 1) \\
 291449 &:= 1 \times ((2 + (((((3 \times 4)^5) / 6) - 7!) \times 8)) - 9) &= (9 \times (8 \times 7! - 6^5)) - (((4 + 3!!) \times 2) - 1) \\
 291450 &:= 1 + ((2 + (((((3 \times 4)^5) / 6) - 7!) \times 8)) - 9) &= (((9 \times (8! / 7 + 6!)) - (5! / 4)) \times (3 + 2)) \times 1 \\
 291451 &:= -1 \times (2 + (3 \times (4 + ((5 - (6! \times (7 + 8))) \times 9)))) &= ((9 \times (8 \times 7! - 6^5)) - 4) - (3!! \times 2 + 1) \\
 291452 &:= (((1 - (2 \times (3!! \times 4))) \times 5) + 6^7) + (8! - 9) &= (9 \times ((8! / 7 + 6!) \times 5)) - (4 \times (3!^2 + 1)) \\
 291453 &:= 1 \times ((2^{3!} \times (4! + 5!)) + ((6 + 7 \times 8!) - 9)) &= ((9 \times (8 \times 7! - 6^5)) - 4) - (3!! \times 2 - 1) \\
 291454 &:= (1 + ((2^{3!} \times (4! + 5!)) + 6)) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) + ((6! + ((5! + 4^{3!}) \times 2)) - 1) \\
 291455 &:= ((1 + ((2 + 3!) \times (4! - 5!))) - 6^7) \times (8 - 9) &= (9 \times (8! - (7! + ((6! + 5) \times 4)))) + (3!^2 - 1) \\
 291456 &:= ((1 - 2 \times 3!) \times 4!) \times (5! - (6! + (7 \times 8 \times 9))) &= ((9 + 8!) \times 7) + (6! + (((5! + 4^{3!}) \times 2) + 1)) \\
 291457 &:= (1 - 2 \times 3!!) - (((4! \times (5! - 6)) + 7! - 8!) \times 9) &= (9 \times (8! - (7! + ((6! + 5) \times 4)))) + 3!^2 + 1 \\
 291458 &:= 1 + (((((2 + 3!) - 4!) \times 5!) + 6^7) - 8 + 9) &= ((9 + 8! \times 7) + (6^5)) - (((4 - 3!!) \times 2) - 1) \\
 291459 &:= 1 \times ((2^{3!} \times (4! + 5!)) - (6 - (7 \times 8! + 9))) &= ((9 \times (8 \times 7! - 6^5)) + 4) - (3!! \times 2 + 1) \\
 291460 &:= ((1 + (2^{3!} \times (4! + 5!))) - 6) + (7 \times 8! + 9) &= (9 \times ((8! / 7 + 6!) \times 5)) - (4 \times (3!^2 - 1)) \\
 291461 &:= 1 \times (2 - (3! - (((45 \times 6!) - (7 + 8)) \times 9))) &= ((9 + 8! \times 7) + (6^5)) + (4 \times (3!! / 2 - 1)) \\
 291462 &:= 1 \times (2 \times (((3 - 4!) \times (5! / 6 - 7!)) + 8! - 9)) &= (((9 + 8! \times 7) + (6^5)) - 4) + (3!! \times 2 + 1) \\
 291463 &:= 1 + (2 \times (((3 - 4!) \times (5! / 6 - 7!)) + 8! - 9)) &= ((9 \times (8 \times 7! - 6^5)) + ((4 - 3!!) \times 2)) - 1 \\
 291464 &:= 1 + (((2 + (((3 \times 4)^5) / 6)) - 7!) \times 8) - 9) &= ((9 + 8! \times 7) + (6^{5! / 4!})) + 3!! \times 2 - 1 \\
 291465 &:= (((1 + 2)^3) + 4!) \times ((5 + (6! \times 7 / 8)) \times 9) &= (9 + (8! \times 7 + (6! - 5!))) + (4! \times (3!! / 2 - 1)) \\
 291466 &:= (1 + ((2 \times 3!! - (4! - 5!)) \times 6)) + (7 \times 8! + 9) &= ((9 + 8! \times 7) + (6^{5! / 4!})) + (3!! \times 2 + 1) \\
 291467 &:= (1 \times 2 + (((((3 \times 4)^5) / 6) - 7!) \times 8)) + 9 &= 9 - (8 + (7 \times (6 - ((5! - 4) \times (3!! / 2 - 1)))))) \\
 291468 &:= ((1 + 2) + (3^4 \times (5! - 6))) + (7 \times 8! - 9) &= ((9 + 8! \times 7) + (6^5 + 4)) + 3!! \times 2 - 1 \\
 291469 &:= 1 - (2 \times 3! + (4! \times (5 - ((6! + 7! / 8) \times 9)))) &= ((9 + 8! \times 7) + (6^5 + (4 + 3!! \times 2))) \times 1 \\
 291470 &:= (((1 - (2 \times (3!! \times 4))) \times 5) + 6^7) + (8! + 9) &= (((9 + 8!) \times 7) + (6^5)) - (((4! - 3!!) \times 2) + 1) \\
 291471 &:= (((1 + 2)!)! \times (3 + 4!)) - (5! - ((6 \times (7! + 8!)) - 9)) &= (((9 + 8!) \times 7) + (6^5)) - ((4! - 3!!) \times 2 \times 1) \\
 291472 &:= (1 + ((2^{3!} \times (4! + 5!)) + 6)) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + (6^5)) - (((4! - 3!!) \times 2) - 1) \\
 291473 &:= 1 - ((2 + ((3 + 4!) \times (5 - (6! \times (7 + 8)))) - 9) &= ((9 + 8! \times 7) + (6^5 + ((4 + 3!!) \times 2))) \times 1 \\
 291474 &:= 1 \times 2 \times ((3! \times (4! \times (5 + (6! + 7)))) + 8! + 9) &= (9 \times (8! - 7!)) - (6 + (5! \times ((4! \times (3^2)) + 1))) \\
 291475 &:= ((1 + (2^{3!} + 4!)) \times 5) \times (6! + (7 - 8 \times 9)) &= ((9 + 8) \times ((7! / 6!)^5)) + (4 \times (3!! \times 2 - 1)) \\
 291476 &:= 1 \times 2 + ((3! - ((4 \times (5 + 6!)) + 7! - 8!)) \times 9) &= (((9 \times (((8 + 7) \times 6!) - 5)) + 4) \times 3) - 2 + 1 \\
 291477 &:= (1 - 2) \times (3 + (4! \times (5 - ((6! + 7! / 8) \times 9)))) &= ((9 \times ((8! / 7 + 6!) \times 5)) - 4) - (((3 + 2)!) - 1) \\
 291478 &:= (1 + (((2^{3!} \times 4!) + 5) \times 6) + 7 \times 8!) - 9 &= ((9 + 8) \times (7 + (6! - 5) \times 4!)) - (3!! / 2 + 1) \\
 291479 &:= 1 - (2 \times (3! + (((4! + 5) \times (6 - (7! - 8))) + 9))) &= ((9 \times (8 \times 7! - 6^5)) + 4!) - (3!! \times 2 + 1) \\
 291480 &:= 1 \times ((2 - 3) \times (4! \times (5 - ((6! + 7! / 8) \times 9)))) &= (9 \times (8! - 7!)) + ((6! + 5!) \times (4 - (3!^2 - 1)))
 \end{aligned}$$

$$\begin{aligned}
 291481 &:= 1 + ((2 - 3) \times (4! \times (5 - ((6! + 7!/8) \times 9)))) &= ((9 \times (8 \times 7! - 6^5)) + 4!) - (3!! \times 2 - 1) \\
 291482 &:= ((1 - 2) + ((3^4 \times (5! - 6)) + 7 \times 8!)) + 9 &= 9 + ((8 \times (((7! \times 6/5) + 4!) \times 3!) + 2)) + 1 \\
 291483 &:= (1 - 2^{3!}) - ((4! \times 5! + ((6 + 7!) - 8!)) \times 9) &= 9 + 8 - (7 \times (6 - ((5! - 4) \times (3!!/2 - 1)))) \\
 291484 &:= 1 \times ((2^{3!}) - (((4 \times (5 + 6!)) + 7! - 8!) \times 9)) &= (9 \times ((8! + 7) - (6^5 + 4))) - (3!! \times 2 - 1) \\
 291485 &:= 1 - (2 \times (3 + (((4! + 5) \times (6 - (7! - 8))) + 9))) &= ((9 \times ((8!/7 + 6!) \times 5)) + 4) - (((3 + 2)!) - 1) \\
 291486 &:= ((1 + 2) + (3^4 \times (5! - 6))) + (7 \times 8! + 9) &= ((9 \times (8! - 7!)) + 6) - (5! \times ((4! \times (3^2)) + 1)) \\
 291487 &:= (((1 + 2)!)! \times (3^4 \times 5)) - (((6 + 7) \times 8) + 9) &= 9 \times 8 - ((7!/6 - 5) \times (((4! - 3!!)/2) - 1)) \\
 291488 &:= 1 - ((2 \times (3! + ((4! + 5) \times (6 - (7! - 8)))) + 9) &= (9 + (8! \times 7 + (6! - 5!))) + (4! \times 3!!/2 - 1) \\
 291489 &:= (1 + 2) + (3! - (4! \times (5 - ((6! + 7!/8) \times 9)))) &= (9 + (8! \times 7 + 6!)) + (5! \times ((4! \times 3) - (2 - 1))) \\
 291490 &:= (1 + (((2 \times (3!! - 4)) + 5!) \times 6)) + (7 \times (8! - 9)) &= (((9 + (8 \times (7 + 6!))) \times 5) + 4!) \times (3^2 + 1) \\
 291491 &:= 1 - (2 - (((3 + (45 \times 6!)) - (7 + 8)) \times 9)) &= (9 \times (8 \times 7! - (6^5 - 4))) - (3!! \times 2 + 1) \\
 291492 &:= (1 + 2)! + (3! - (4! \times (5 - ((6! + 7!/8) \times 9)))) &= (9 + 8! \times 7) + ((6! - (5 + 4)) \times (3! \times 2 + 1)) \\
 291493 &:= 1 + 2 \times 3! - (4! \times (5 - ((6! + 7!/8) \times 9))) &= (9 \times (8 \times 7! - (6^5 - 4))) - (3!! \times 2 - 1) \\
 291494 &:= 1 - ((2 \times (3 + ((4! + 5) \times (6 - (7! - 8)))) + 9) &= (((9 + 8!) \times 7) + (6^5)) - 4! + 3!! \times 2 - 1 \\
 291495 &:= 1 \times (((2^{3!} \times 4!) + 5) \times 6) + (7 \times 8! + 9) &= 9 - ((8 - (7 \times (6 \times 5))) \times ((4 + 3!! \times 2) - 1)) \\
 291496 &:= 1 \times (((2 \times 3!! - 4!) \times 5) + (6^7 + 8!/9)) &= ((9 \times ((8! + 7) - 6^5)) - 4!) - (3!! \times 2 - 1) \\
 291497 &:= 1 + (((2 \times 3!! - 4!) \times 5) + (6^7 + 8!/9)) &= 9 + 8 - ((7!/6!) \times (5! \times (((4! - 3!!)/2) + 1))) \\
 291498 &:= 1 \times (2 \times (((3 - 4!) \times (5!/6 - 7!)) + 8! + 9)) &= 9 + ((8 + (7^{(6-5) \times 4})) \times (((3 + 2)!) + 1)) \\
 291499 &:= 1 + (2 \times (((3 - 4!) \times (5!/6 - 7!)) + 8! + 9)) &= ((9 + 8!) \times 7) + ((6! + (5! - 4)) \times ((3! \times 2) - 1)) \\
 291500 &:= (1 - 2 \times 3!) \times (4 + 5! - ((6^7 - 8!)/9)) &= ((9 \times 8 \times ((7 \times 6) + 5!)) - 4) \times ((3! - 2)! + 1) \\
 291501 &:= (((1 + 2 \times 3!! - 4!) \times 5) + 6^7) + 8!/9 &= (9 \times ((8!/7 + 6!) \times 5)) - (((4 + 3!)^2) - 1) \\
 291502 &:= 1 \times (2 \times (3! - (((4! + 5) \times (6 - (7! - 8))) + 9))) &= ((9 \times (8! - (7! + ((6 + 5) + (4 \times 3!!)))) + 2) - 1 \\
 291503 &:= 1 + (2 \times (3! - (((4! + 5) \times (6 - (7! - 8))) + 9))) &= (9 \times (8 \times 7! - 6^5)) + (((4! - 3!!) \times 2) - 1) \\
 291504 &:= (((1 + (2 + 3)!) - 4!) \times 5!) + 6^7 - 8 \times 9 &= (9 \times (8 \times 7! - 6^5)) + ((4! - 3!!) \times 2 \times 1) \\
 291505 &:= (1 \times 2 \times (3 - ((4! + 5) \times (6 - (7! - 8)))) - 9 &= (9 \times (8 \times 7! - 6^5)) + (((4! - 3!!) \times 2) + 1) \\
 291506 &:= (1 - (2 \times (3! + ((4! + 5) \times (6 - (7! - 8)))) + 9) &= 9 - (((8 - (7! - 6)) \times (5 + 4!)) + 3!) \times 2 - 1) \\
 291507 &:= ((1 + 2)^3) - (4! \times (5 - ((6! + 7!/8) \times 9))) &= (9 + ((8! + 7) \times 6)) + (5! \times 4! + (3!^{(2+1)!})) \\
 291508 &:= ((12 \times 3!!) - (4! + (5 - 6!))) + (7 \times (8! - 9)) &= (9 \times ((8!/7 + 6!) \times 5)) - (4 \times ((3! - 2)! - 1)) \\
 291509 &:= ((1 - 2) + (3^4 \times (5 \times 6! + (7 - 8)))) - 9 &= (9 \times (8! - (7! + (6 + (5! \times 4!)))) - (3!^2 + 1) \\
 291510 &:= ((1 - 2 - 3^4) \times 5) \times ((6! \times (7 - 8)) + 9) &= (((9 + 8!) \times 7) + (6^5)) - (((4 - 3!!) \times 2) + 1) \\
 291511 &:= 1 \times ((2 \times (3! - ((4! + 5) \times (6 - (7! - 8)))) - 9) &= (9 \times (8! - (7! + (6 + (5! \times 4!)))) - (3!^2 - 1) \\
 291512 &:= 1 + ((2 \times (3! - ((4! + 5) \times (6 - (7! - 8)))) - 9) &= 9 - (((8! - (((7 + (6^5)) \times 4!) - 3!!)) \times 2) + 1) \\
 291513 &:= 1 + ((2 + (3^4 \times (5 \times 6! + (7 - 8)))) - 9) &= (9 + (8! \times 7 + (6! - 5!))) + (4! \times (3!!/2 + 1)) \\
 291514 &:= (1 + ((2 \times 3!! - (4 - 5!)) \times 6)) + (7 \times (8! - 9)) &= 9 - (((8! - (((7 + (6^5)) \times 4!) - 3!!)) \times 2) - 1) \\
 291515 &:= 1 - (2 \times (3! + (((4! + 5) \times (6 - (7! - 8))) - 9))) &= (((9 + 8!) \times 7) + (6^5)) + (4 \times (3!!/2 - 1)) \\
 291516 &:= (1 + 2)! - (((3!! + ((4^5 + 6) \times 7)) - 8!) \times 9) &= ((9 \times ((8! + 7) - 6^5)) - 4) - (3!! \times 2 - 1) \\
 291517 &:= ((12 \times 3!!) - (4 \times 5 - 6!)) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) + ((6!/5 \times 4^3)) - (2 \times 1) \\
 291518 &:= ((12 \times 3!!) - (4! - (5 + 6!))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + (6^{5!/4!})) + 3!! \times 2 - 1
 \end{aligned}$$

$$\begin{aligned}
 291519 &:= (((1+2)^{3!+4}) \times 5) - (6 \times (7!/8 - 9)) &= ((9 - (((8 - (7! - 6)) \times (5 + 4!)) + 3)) \times 2) - 1 \\
 291520 &:= (1 + ((2 \times 3!! - (4! - 5!)) \times 6)) + (7 \times (8! + 9)) &= ((9 - (((8 - (7! - 6)) \times (5 + 4!)) + 3)) \times 2) \times 1 \\
 291521 &:= 1 \times 2 - ((3 + (4! \times 5! + ((6 + 7!) - 8!)) \times 9) &= ((9 - (((8 - (7! - 6)) \times (5 + 4!)) + 3)) \times 2) + 1 \\
 291522 &:= (1 + 2) - ((3 + (4! \times 5! + ((6 + 7!) - 8!)) \times 9) &= (((9 + 8!) \times 7) + (6^5 + 4)) + 3!! \times 2 - 1 \\
 291523 &:= (1 \times 2 \times (3 - ((4! + 5) \times (6 - (7! - 8)))) + 9 &= (9 \times ((8! + 7) - 6^5)) - (4 \times (3!!/2 - 1)) \\
 291524 &:= (1 + (2 \times (3 - ((4! + 5) \times (6 - (7! - 8)))) + 9 &= 9 - (((((8 - (7! - 6)) \times (5 + 4!)) - 3) \times 2) - 1) \\
 291525 &:= (1 + 2)! - ((3 + (4! \times 5! + ((6 + 7!) - 8!)) \times 9) &= 9 + (8 + ((7!/6!) \times ((5! - 4) \times (3!!/2 - 1)))) \\
 291526 &:= (1 + ((2^{3!} \times (4! + 5!)) + 6)) + (7 \times (8! + 9)) &= (9 \times ((8! + 7) - 6^5)) + (((4 - 3!!) \times 2) - 1) \\
 291527 &:= ((1 - 2) + (3^4 \times (5 \times 6! + (7 - 8)))) + 9 &= (9 \times (((8!/7 + 6!) \times 5) - 4)) - (3!^2 + 1) \\
 291528 &:= (((1 + 2)! \times 3^4) / 5) + (6^7 - 8 \times 9) &= (9 + 8! \times 7) + (((6! \times (5! - 4)) / (3^2)) - 1) \\
 291529 &:= (1 + (2 \times (3^4 \times 5!))) + ((6 \times 7! - 8) \times 9) &= (9 \times (((8!/7 + 6!) \times 5) - 4)) - (3!^2 - 1) \\
 291530 &:= 1 \times 2 + (((3!! \times 45) + ((6 - 7) \times 8)) \times 9) &= 9 + (8! \times 7 + (((6! \times (5! - 4)) / (3^2)) + 1)) \\
 291531 &:= ((1 + 2)! - ((3 \times 4) \times (5 - 6!))) + (7 \times 8! - 9) &= (9 \times ((8!/7 + 6!) \times 5)) - ((4! \times 3) - 2 - 1) \\
 291532 &:= 1 \times 2 \times (3 - (((4! + 5) \times (6 - (7! - 8))) - 9)) &= (9 - (((8 - (7! - 6)) \times (5 + 4!)) - 3)) \times 2 \times 1 \\
 291533 &:= (((1 + 2)! \times (3 + 4!)) + 5) + ((6 \times 7! - 8) \times 9) &= (9 + 8! \times 7) + ((6! + (5! + 4)) \times ((3! \times 2) - 1)) \\
 291534 &:= (((1 - 2) + (3^4 \times (5 \times 6!))) - (7 \times 8)) - 9 &= (9 \times (8! - (7! - 6))) - (5! \times ((4! \times (3^2)) + 1)) \\
 291535 &:= 1 - 2 \times 3! - ((4! \times 5! + ((6 + 7!) - 8!)) \times 9) &= (9 \times (8! - (7! + (6 + (5! \times 4!)))) - ((3! \times 2) - 1) \\
 291536 &:= ((1 - 2) + (3^4 \times (5! - 6))) + (7 \times (8! + 9)) &= (9 \times (8! - (7! + (6 + (5! \times 4!)))) - (3^2 + 1) \\
 291537 &:= (1 \times 2 + (3^4 \times (5 \times 6!))) - ((7 \times 8) + 9) &= ((9 \times ((8!/7 + 6!) \times 5)) - 4^3) + (2 - 1) \\
 291538 &:= 1 \times (2 \times (3! - (((4! + 5) \times (6 - (7! - 8))) - 9))) &= 9 \times 8 - (7 \times (6 - ((5! - 4) \times (3!!/2 - 1)))) \\
 291539 &:= 1 + (2 \times (3! - (((4! + 5) \times (6 - (7! - 8))) - 9))) &= ((9 \times ((8!/7 + 6!) \times 5)) - 4!) - (3!^2 + 1) \\
 291540 &:= (1 \times 2 - (3^4 \times 5!)) \times (6 \times 7 - 8 \times 9) &= ((9 \times (8! - (7! + (6 + (5! \times 4!)))) - (3 + 2)) - 1) \\
 291541 &:= ((1 + 2 \times 3!!) \times 4) + (5 \times 6! + (7 \times (8! - 9))) &= (9 \times (8! - (7! + 6))) - (5 \times (((4! \times 3)^2) + 1)) \\
 291542 &:= (((1 + 2)! \times (3 \times 4)) + 5) + (6! + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6! - 5!)) + (4! \times 3!!/2 - 1) \\
 291543 &:= ((1 + 2)! + (3 \times (4! \times 5!))) + (6! + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + 6!) + (5! \times ((4! \times 3) - (2 - 1))) \\
 291544 &:= (1 + (((2 \times (3!! - 4)) + 5!) \times 6) + 7 \times 8!) - 9 &= (((9 + 8!) \times 7) + (6! - 5!)) + ((4! \times 3!!/2) + 1) \\
 291545 &:= (1 + 2^{3!}) - (4! \times (5 - ((6! + 7!/8) \times 9))) &= (9 + 8! \times 7) + (((6! - 5) \times (4 + 3^2)) + 1) \\
 291546 &:= (((1 + 2)!^{3!}) + 4! \times 5!) \times 6 - ((7!/8) \times 9) &= ((9 + 8) + (7^6)) + (5! \times (((4 + 3!!) \times 2) + 1)) \\
 291547 &:= (1 + (2 \times (3^4 \times 5!))) + (6 \times (7! + 8! - 9)) &= (9 \times (8! - 7!)) - (((6 + (5! \times 4!)) \times (3^2)) - 1) \\
 291548 &:= 1 - ((2 - 3) + ((4! \times 5! + ((6 + 7!) - 8!)) \times 9)) &= (9 + (8! \times 7 + 6!)) - (((5! - (4! \times 3!!)) / 2) + 1) \\
 291549 &:= (((1 + ((2 \times (3!! - 4)) + 5!)) \times 6) + 7 \times 8!) - 9 &= (9 + (8! \times 7 + 6!)) - ((5! - (4! \times 3!!)) / 2 \times 1) \\
 291550 &:= (1 + (((2^{3!} \times 4!) + 5) \times 6)) + (7 \times (8! + 9)) &= (9 + (8! \times 7 + 6!)) - (((5! - (4! \times 3!!)) / 2) - 1) \\
 291551 &:= 1 \times 2 + (3 - ((4! \times 5! + ((6 + 7!) - 8!)) \times 9)) &= (9 \times (8! - 7!)) + (((6! + 5!) - 4!^3) \times 2) - 1) \\
 291552 &:= 1 - (2 - ((3^4 \times (5 \times 6!)) - ((7 \times 8) - 9))) &= (9 + (((8! - 7!) / 6) \times 5)) + ((4^3) - 1) \\
 291553 &:= (1 - ((2 - 3!!) \times (4! + 5!))) + ((6 \times 7) \times (8!/9)) &= (9 \times (8! - 7!)) + (((6! + 5!) - 4!^3) \times 2) + 1) \\
 291554 &:= 1 \times ((2 + 3!) - ((4! \times 5! + ((6 + 7!) - 8!)) \times 9)) &= (9 + (((8! - 7!) / 6) \times 5)) + ((4^3) + 1) \\
 291555 &:= 1 + ((2 + 3!) - ((4! \times 5! + ((6 + 7!) - 8!)) \times 9)) &= (9 + 8! \times 7) + (6 \times (5! - (((4 - 3!!) \times 2) + 1))) \\
 291556 &:= (1 + (((2 + (3 \times 4!)) \times (5! + 6)) + 7 \times 8!)) - 9 &= 9 + (((8! - (7! + (6 + (5! \times 4!)))) \times (3^2)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 291557 &:= (((((1+2)!^{3!})+4)/5)-6)+(7 \times 8!-9) &= (9 \times (8!-(7!+(6+(5! \times 4!)))))+((3! \times 2)-1) \\
 291558 &:= 1 \times (2 \times 3! - ((4! \times 5! + ((6+7!)-8!)) \times 9)) &= ((9 \times (((8!/7+6!) \times 5) - 4)) - 3!) \times (2-1) \\
 291559 &:= 1 + 2 \times 3! - ((4! \times 5! + ((6+7!)-8!)) \times 9) &= ((9 \times ((8!/7+6!) \times 5)) - 4) - (3!^2 + 1) \\
 291560 &:= (1 \times 2 + (3 \times 4!)) \times (5!/6 - ((7! - 8!)/9)) &= (9 + 8! \times 7) + ((6 \times (5! - ((4-3!)) \times 2))) - 1) \\
 291561 &:= 1 - (((2+3!^4) \times (5!/6)) + ((7! - 8!) \times 9)) &= ((9 \times ((8!/7+6!) \times 5)) - 4) - (3!^2 - 1) \\
 291562 &:= (1 + (((2 \times (3! - 4)) + 5!) \times 6) + 7 \times 8!) + 9 &= (9 + 8! \times 7) + ((6 \times (5! - ((4-3!)) \times 2))) + 1) \\
 291563 &:= 1 \times (((2+3!) \times (4! - (5+6))) + (7 \times (8! - 9))) &= ((9 \times ((8!/7+6!) \times 5)) - 4!) - (3! \times 2 + 1) \\
 291564 &:= (((1 + (2+3!))! - (4! + (5-6!))) \times 7) + 8!/9 &= ((9 \times (((8!/7+6!) \times 5) - 4)) + 3) - (2+1) \\
 291565 &:= (12 + (3^4 \times (5 \times 6!))) - ((7 \times 8) - 9) &= ((9 \times ((8!/7+6!) \times 5)) - 4!) - ((3! \times 2) - 1) \\
 291566 &:= 1 \times 2 + ((3! - (4 + (5 \times 6! + 7! - 8!))) \times 9) &= (9 \times ((8!/7+6!) \times 5)) - (4! + (3^2 + 1)) \\
 291567 &:= (((1 + ((2 \times (3! - 4)) + 5!)) \times 6) + 7 \times 8!) + 9 &= (9 \times ((8!/7+6!) \times 5)) + (4 - (3!^2 + 1)) \\
 291568 &:= (1 + (((2 \times 3! - (4-5!)) \times 6) + 7 \times 8!)) - 9 &= (9 \times ((8!+7) - 6^5)) + (((4! - 3!)) \times 2) + 1) \\
 291569 &:= (1 + (2 \times (3!^4 \times (5! - 6)))) + ((7! - 8!)/9) &= (9 \times ((8!/7+6!) \times 5)) + (4 - (3!^2 - 1)) \\
 291570 &:= (1+2)! + ((3! - (4 + (5 \times 6! + 7! - 8!))) \times 9) &= ((9 \times ((8!/7+6!) \times 5)) - (4! + 3!)) \times (2-1) \\
 291571 &:= ((12 \times 3!) - (4 \times 5 - (6! + 7 \times 8!))) - 9 &= ((9 \times ((8!/7+6!) \times 5)) - 4) - ((3! - 2)! + 1) \\
 291572 &:= ((12 \times 3!) - (4! - (5+6!))) + (7 \times 8! - 9) &= (9 + 8! \times 7) + (((6+5!) \times ((4! \times 3) + 2)) - 1) \\
 291573 &:= (((1+2)! \times (3+4!)) + (((5+6 \times 7!) - 8) \times 9)) &= ((9 \times ((8!/7+6!) \times 5)) - ((4 \times 3!) + 2)) - 1 \\
 291574 &:= (1 + (((2 + (3 \times 4!)) \times (5! + 6)) + 7 \times 8!)) + 9 &= (9 \times (((8!/7+6!) \times 5) - 4)) + 3^2 + 1 \\
 291575 &:= (((((1+2)!^{3!})+4)/5)-6)+(7 \times 8!+9) &= ((9 \times ((8!/7+6!) \times 5)) - ((4 \times 3!) + 2)) + 1 \\
 291576 &:= ((1 \times 2 \times ((3! - 4) \times 5)) + 6^7) + 8!/9 &= ((9 - (8-7)))! + ((6 \times 5! - 4!) \times (3!/2 + 1)) \\
 291577 &:= ((1 + (2 \times ((3! - 4) \times 5))) + 6^7) + 8!/9 &= 9 - (8 \times (7! - (((6 \times (5 + (4!^3)))/2) - 1))) \\
 291578 &:= (((((1+2)!^{3!})/4) - 5) + (6^7 - (8+9))) &= 9 + 8! - 7 + ((6 \times 5! - 4!) \times (3!/2 + 1)) \\
 291579 &:= (((((1+2)!^{3!})+4!)/5) - (6 - (7 \times 8! + 9))) &= (9 + 8! \times 7) + (6 \times (5! - (4 - (3! \times 2 - 1)))) \\
 291580 &:= ((12 \times 3!) - (4! + (5-6!))) + (7 \times 8! + 9) &= (9 + (8! \times 7 + (6! - 5!))) + (4! \times (3!/2 - 1)) \\
 291581 &:= (((1 + (2 \times (3! - 4))) \times 5) + 6^7) + 8!/9 &= (9 \times (8! - (7! + (6 + (5! \times 4!)))) + (3!^2 - 1) \\
 291582 &:= (1+2)! \times (((3+4!) \times 5!) + (6 + (7! + 8! - 9))) &= ((9 + 8!) \times 7) + (((6! \times (5! - 4!))/(3!^2)) - 1) \\
 291583 &:= (((((1+2)! \times 3^4)/5) + (6^7 - (8+9))) &= (9 \times (8! - (7! + (6 + (5! \times 4!)))) + 3!^2 + 1 \\
 291584 &:= (1+2)! - ((3 \times ((4-5!) \times 6!)) + (7-8!+9)) &= ((9 + 8!) \times 7) + (((6! \times (5! - 4!))/(3!^2)) + 1) \\
 291585 &:= 1 - (2^{3!} \times (4 - (((5 - (6-7)))! + 8!)/9)) &= (9 + (8! \times 7 + (6 \times 5!))) + (4! \times (3!/2 - 1)) \\
 291586 &:= (1 + (((2 \times 3! - (4-5!)) \times 6) + 7 \times 8!)) + 9 &= ((9 \times ((8!/7+6!) \times 5)) - 4) - (3^2 + 1) \\
 291587 &:= (((((1+2)!^{3!})+4)/5) + (6 + 7 \times 8!)) + 9 &= ((9 \times ((8!/7+6!) \times 5)) + 4!) - (3!^2 + 1) \\
 291588 &:= ((1+2)! - (3 \times (((4-5!) \times 6!) + 7))) + (8! + 9) &= ((9 + ((8! - 7!)/6)) \times 5) + ((4^{3^2}) - 1) \\
 291589 &:= ((1 + 2 \times 3!) \times (4 + (5! \times 6))) + (7 \times (8! - 9)) &= (9 \times (8! - 7!) - 6) - (5 \times (((4! \times 3)^2) + 1)) \\
 291590 &:= 1 + (((2 - (3^4 \times (5 \times 6!))) \times (7-8)) - 9) &= ((9 + ((8! - 7!)/6)) \times 5) + ((4^{3^2}) + 1) \\
 291591 &:= (1 - 2^{3!}) - ((4! \times 5! - (6 - (7! - 8!))) \times 9) &= ((9 \times ((8!/7+6!) \times 5)) + 4) - (3! \times 2 + 1) \\
 291592 &:= (1 + (2 \times (3^4 \times 5!))) + ((6 \times (7! + 8!)) - 9) &= (9 + (8! + 7)) + ((6 \times 5! - 4!) \times (3!/2 + 1)) \\
 291593 &:= (1 + (((2+3!)! - ((4-5!) \times 6)) \times 7) + 8!/9 &= (9 \times (8! - 7!)) - (6 + ((5 \times ((4! \times 3)^2)) + 1)) \\
 291594 &:= (1 - 2 - ((3^4 \times (5 \times 6!)) - 7)) \times (8 - 9) &= ((9 \times ((8!/7+6!) \times 5)) + 4) - (3^2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 291595 &:= ((1 + 2 \times 3!) \times 4) + (5 \times 6! + 7 \times 8! - 9) &= (9 \times (8! - 7!) - 6) - ((5 \times ((4! \times 3^2))) - 1) \\
 291596 &:= 1 + (2 + ((3^4 \times (5 \times 6!)) + (7 \times (8 - 9)))) &= ((9 \times ((8!/7 + 6!) \times 5)) + 4) - (3! + 2 \times 1) \\
 291597 &:= ((1 + ((2 \times 3!! - 4) \times 5)) + 6^7) + 8!/9 &= ((9 \times ((8!/7 + 6!) \times 5)) - (4 - 3)) - 2 \times 1 \\
 291598 &:= (1 + 2)!! - ((3 \times ((4 - 5!) \times 6!)) - (7 + 8! - 9)) &= (((9 + 8!/7!) \times 6!) - 5!) \times 4! + (3!! - (2 \times 1)) \\
 291599 &:= (((1 + (2 + 3!))! - ((4 - 5!) \times 6)) \times 7) + 8!/9 &= ((9 + 8!) \times 7) + (((6! - 5) \times (4 + 3^2)) + 1) \\
 291600 &:= (((1 - 2) + 3^4) \times 5) \times (6! - ((7 - 8) \times 9)) &= (9 \times ((8! + 7!)/(6! + 5!))) \times (4! \times ((3! - 2)! + 1)) \\
 291601 &:= (((1 + 2 \times 3!! - 4) \times 5) + 6^7) + 8!/9 &= ((9 \times (8! - 7!)) + 6) - (5 \times (((4! \times 3^2) + 1)) \\
 291602 &:= (1 + 2)!! - ((3 \times ((4 - 5!) \times 6!)) + (7 - 8! - 9)) &= (((9 + 8!) \times 7) + 6!) - (((5! - (4! \times 3!))/2) + 1) \\
 291603 &:= ((1 + 2)! + ((3 \times (4! \times 5!)) - (6 - (7 \times 8! + 9)))) &= (9 + (8! \times 7 + (6! - 5!))) + (4! \times 3!!/2 - 1) \\
 291604 &:= (((1 + 2)! + ((3 \times 4!)) - 5) + ((6 \times (7! + 8!)) + 9)) &= (((9 + 8!) \times 7) + 6!) - (((5! - (4! \times 3!))/2) - 1) \\
 291605 &:= ((1 - 2) + ((3^4 \times (5 \times 6!)) + 7)) + (8 - 9) &= (9 \times (8! - 7!)) + (6 - ((5 \times ((4! \times 3^2)) + 1)) \\
 291606 &:= ((1 - 2) + (3^4 \times (5 \times 6!))) - (7 \times (8 - 9)) &= ((9 \times ((8!/7 + 6!) \times 5)) - 4) + 3^2 + 1 \\
 291607 &:= ((1 - 2) + ((3^4 \times (5 \times 6!)) + 7)) - (8 - 9) &= (9 \times (8! - 7!)) + (6 - ((5 \times ((4! \times 3^2)) - 1)) \\
 291608 &:= ((1 - 2) + (3^4 \times (5 \times 6!))) - ((7 - 8) \times 9) &= (9 \times (8!/7 + 6!)) + (((5! \times 4) + 3^2) - 1) \\
 291609 &:= 1 \times 2 - (((3^4 \times (5 \times 6!)) + 7) \times (8 - 9)) &= ((9 + 8!) \times 7) + (6 \times (5! - (((4 - 3!)) \times 2) + 1)) \\
 291610 &:= (1 + (2 \times (3^4 \times 5!))) + ((6 \times (7! + 8!)) + 9) &= (9 \times (8!/7 + 6!)) + (((5! \times 4) + 3^2) + 1) \\
 291611 &:= (1 + 2^{3!}) - ((4! \times 5! + ((6 + 7!) - 8!)) \times 9) &= (9 \times (8! - 7!)) + (6 - (5 \times (((4! \times 3^2) - 1))) \\
 291612 &:= 1 - (((2 + (3^4 \times (5 \times 6!))) \times (7 - 8)) - 9) &= ((9 \times ((8!/7 + 6!) \times 5)) + (4 + 3!)) + (2 \times 1) \\
 291613 &:= ((1 + 2 \times 3!!) \times 4) + (5 \times 6! + (7 \times 8! + 9)) &= ((9 \times ((8!/7 + 6!) \times 5)) - 4!) + 3!^2 + 1 \\
 291614 &:= (((1 + 2)! + ((3 \times 4!)) + 5) + ((6 \times (7! + 8!)) + 9)) &= ((9 \times ((8!/7 + 6!) \times 5)) + 4) + 3^2 + 1 \\
 291615 &:= (1 + (2 \times (3^4 \times 5!))) \times (6 - ((7 - 8) \times 9)) &= (9 + (8! \times 7 + (6! + 5!))) + ((4! \times 3!!/2) + 1) \\
 291616 &:= (1 + (((2 \times (3!! - 4)) + 5!) \times 6)) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + ((6 \times (5! - ((4 - 3!)) \times 2)) + 1) \\
 291617 &:= ((1 + (2 \times (3!! + 4! \times 5!))) + 6^7) + 8!/9 &= (9 + 8! \times 7) + ((6! + ((5! - (4! + 3!))^2)) - 1) \\
 291618 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times (6! - 7)) - (8 - 9) &= (9 \times ((8 - 7) + ((6! - 5!) \times (4! + 3)))) \times 2 \times 1 \\
 291619 &:= 1 \times ((2 \times (((3 + 4)! + 5)) - (6! - (7 \times 8! + 9)))) &= (9 + 8! \times 7) + (6! + (((5! - (4! + 3!))^2) + 1)) \\
 291620 &:= ((1 + (2 \times (((3 + 4)! + 5))) - 6!) + (7 \times 8! + 9)) &= ((9 - (8 - 7)))! + ((6! - 5 \times 4) \times (3!!/2 - 1)) \\
 291621 &:= ((1 + (2 \times 3!! + 4 + 5!)) \times 6) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) + (6 \times (5! - (((4 - 3!)) \times 2) - 1)) \\
 291622 &:= (((1 + 2)!^{3!}/4) + 5) + (6^7 + 8 + 9) &= 9 \times 8 + (7 \times (6 + ((5! - 4) \times (3!!/2 - 1)))) \\
 291623 &:= ((1 - 2) + ((3^4 \times (5 \times 6!)) + (7 + 8))) + 9 &= (9 \times (((8!/7 + 6!) \times 5) + 4)) - (3! \times 2 + 1) \\
 291624 &:= (1 - (2^{3!} + 4!)) \times ((5! - (6 \times (7! + 8!)))/9) &= ((9 \times ((8!/7 + 6!) \times 5)) + (4! - 3)) + (2 + 1) \\
 291625 &:= 1 \times (((2 \times (3^4 + 5^6)) + 7!) \times 8) + 9 &= (9 \times (((8!/7 + 6!) \times 5) + 4)) - ((3! \times 2) - 1) \\
 291626 &:= 1 + (((2 \times (3^4 + 5^6)) + 7!) \times 8) + 9 &= (9 \times (((8!/7 + 6!) \times 5) + 4)) - (3^2 + 1) \\
 291627 &:= (((1 + (2 + 3!))! - (4 \times 5 - 6!)) \times 7) + 8!/9 &= ((9 \times ((8!/7 + 6!) \times 5)) + 4) + ((3! - 2)! - 1) \\
 291628 &:= (1 + (((2 + 3!)! - (4! - (5 + 6!))) \times 7)) + 8!/9 &= ((9 + 8!) \times 7) + (((6 + 5!) \times ((4! \times 3) + 2)) + 1) \\
 291629 &:= (((1 + 2)!^{3!} + 4)/5) - 6) + (7 \times (8! + 9)) &= ((9 \times ((8!/7 + 6!) \times 5)) + 4) + ((3! - 2)! + 1) \\
 291630 &:= (1 - 2 - (3^4 \times 5!)) \times (6 \times 7 - 8 \times 9) &= ((9 \times (((8!/7 + 6!) \times 5) + 4)) - 3) - (2 + 1) \\
 291631 &:= (((1 + 2)!^{3!}/4) + 5!) + (6^7 - 89) &= (9 \times ((8!/7 + 6!) \times 5)) - (4 - (3!^2 - 1)) \\
 291632 &:= ((12 + 3!) \times 4!) + ((5 \times (6 + 7)) \times (8!/9)) &= (9 + 8! \times 7) + ((6 \times (5! + (4 + 3! \times 2))) - 1)
 \end{aligned}$$

$$\begin{aligned}
 291633 &:= (((1+2)^{3!} + 4!)/5) - (6 - (7 \times (8! + 9))) &= (9 \times ((8!/7 + 6!) \times 5)) - (4 - (3^2 + 1)) \\
 291634 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times (6! - 7)) + (8 + 9) &= (9 \times ((8!/7 + 6!) \times 5)) + (4! + (3^2 + 1)) \\
 291635 &:= (1 - 2 - 3 \times 4!) \times (5 - ((6! - (7! - 8!))/9)) &= (9 \times ((8 + 7!) \times 6)) + (((5! + (4! - 3!))^2) - 1) \\
 291636 &:= ((1 + 2)! \times 3!!) + (4 \times (((5! - 6) \times (7!/8)) + 9)) &= (9 + (8! + 7)) + ((6! - 5 \times 4) \times (3!!/2 - 1)) \\
 291637 &:= ((1 + ((2 \times 3!! + 4) \times 5)) + 6^7) + 8!/9 &= (9 \times ((8 + 7!) \times 6)) + (((5! + (4! - 3!))^2) + 1) \\
 291638 &:= ((12 \times 3!!) + (4! + (5 + 6!))) + (7 \times 8! + 9) &= (9 + (8! \times 7 + (6! + 5))) + (4! \times (3!!/2 + 1)) \\
 291639 &:= ((1 + (2 \times 3!! + 4 + 5!)) \times 6) + (7 \times 8! + 9) &= ((9 \times ((8!/7 + 6!) \times 5)) + 4) + (3!^2 - 1) \\
 291640 &:= 1 \times (((2 - 3!^4) \times (5!/6)) - ((7! - 8!) \times 9)) &= (9 + 8! \times 7) + (((6! - 5!) + 4^{3!}) \times 2) - 1 \\
 291641 &:= (1 + ((2 - 3!^4) \times (5!/6))) - ((7! - 8!) \times 9) &= ((9 \times ((8!/7 + 6!) \times 5)) + 4) + 3!^2 + 1 \\
 291642 &:= (1 + 2 \times 3!) \times (4 + (5 \times (6 + (7! \times 8/9)))) &= 9 + (8! \times 7 + (((6! - 5!) + 4^{3!}) \times 2) + 1) \\
 291643 &:= 1 - (2 \times 3! + ((4! \times 5! - (6 - (7! - 8!))) \times 9)) &= (9 \times (8! - (7! - (6 - (5! \times 4!)))) - ((3! \times 2) - 1) \\
 291644 &:= ((12 \times (3!! + 4)) + (5 + 6!)) + (7 \times 8! - 9) &= 9 + (((8!/7 + 6!) \times 5) + 4) \times (3^2) - 1 \\
 291645 &:= ((1 + ((2 \times (3!! + 4)) + 5!)) \times 6) + (7 \times 8! - 9) &= ((9 \times (((8!/7 + 6!) \times 5) + 4)) + (3! + 2)) + 1 \\
 291646 &:= (1 - ((2 - 3^4) \times (5 \times (6! + 7)))) + 8!/9 &= 9 + (((8!/7 + 6!) \times 5) + 4) \times (3^2) + 1 \\
 291647 &:= 1 \times 2 - ((3!! \times 4 - (5 - (6! \times 7 - 8!))) \times 9) &= (9 \times (((8!/7 + 6!) \times 5) + 4)) + ((3! \times 2) - 1) \\
 291648 &:= (1 + 2 \times 3! \times 4) \times (5! + (6! + (7! + 8 \times 9))) &= ((9 - 8) \times 7) \times (6! + ((5^4) + ((3! + 2)! - 1))) \\
 291649 &:= (1 \times 2 + (3^4 \times (5 \times 6!))) + ((7 \times 8) - 9) &= (9 \times (8! - (7! - 6))) - (5 \times (((4! \times 3)^2) + 1)) \\
 291650 &:= ((1 + 2) + (3^4 \times (5 \times 6!))) + ((7 \times 8) - 9) &= ((9 + 8!) \times 7) + ((6! - (5 - 4)) \times (3! \times 2 + 1)) \\
 291651 &:= (1 + 2)! - ((3!! \times 4 - (5 - (6! \times 7 - 8!))) \times 9) &= (9 + 8! \times 7) + (6 \times (5! + (((4 + 3!!) \times 2) - 1))) \\
 291652 &:= (1 - (((2 - 3^4) \times 5!) + 6)) + (7 \times (8! - 9)) &= (9 \times ((8!/7 + 6!) \times 5)) + (4 \times (3! \times 2 + 1)) \\
 291653 &:= 1 \times 2 - (3 + ((4! \times 5! - (6 - (7! - 8!))) \times 9)) &= (9 \times (8! - 7!)) + (((6 - (5! \times 4!)) \times (3^2)) - 1) \\
 291654 &:= (1 - 2 \times 3!) \times ((4! - (5 \times 6! - 7!/8)) \times 9) &= (9 - 8) \times ((7 \times (6! + ((5^4) + (3! + 2)!))) - 1) \\
 291655 &:= (1 + (2 \times (3^4 \times 5!))) + (6 \times (7! + 8! + 9)) &= (9 \times (8! - 7!)) + (((6 - (5! \times 4!)) \times (3^2)) + 1) \\
 291656 &:= ((1 \times 2 \times ((3!! + 4) \times 5)) + 6^7) + 8!/9 &= (9 + 8! \times 7) + ((6 \times (5! + ((4 + 3!!) \times 2))) - 1) \\
 291657 &:= (1 - 2^{3!}) + (4! \times (5 + ((6! + 7!/8) \times 9))) &= (((9 + 8!) \times 7) + (6! - 5)) + (4! \times 3!!/2 - 1) \\
 291658 &:= (1 + (((2 \times (3!! + 4)) + 5!) \times 6)) + (7 \times 8! + 9) &= (9 + 8! \times 7) + ((6 \times (5! + ((4 + 3!!) \times 2))) + 1) \\
 291659 &:= (((1 + 2)! \times (3 + 4!)) + 5) + (6 \times (7! + 8! + 9)) &= (9 \times (8! - (7! - 6))) - (5 \times (((4! \times 3)^2) - 1)) \\
 291660 &:= ((1 + 2)!!/3) - (((4 \times (5 + 6!)) + 7! - 8!) \times 9) &= ((9 \times (8! - (7! - (6 - (5! \times 4!)))) + (3 + 2)) + 1) \\
 291661 &:= (((1 + (2 \times (3!! + 4))) \times 5) + 6^7) + 8!/9 &= ((9 \times ((8!/7 + 6!) \times 5)) + 4!) + 3!^2 + 1 \\
 291662 &:= 1 \times 2 + 3! - ((4! \times 5! - (6 - (7! - 8!))) \times 9) &= 9 + (((8! - (7! - (6 - (5! \times 4!)))) \times (3^2)) - 1) \\
 291663 &:= ((1 + ((2 \times (3!! + 4)) + 5!)) \times 6) + (7 \times 8! + 9) &= (9 + 8! \times 7) + (6 \times (5! + (((4 + 3!!) \times 2) + 1))) \\
 291664 &:= (1 - (((2 - 3^4) \times 5!) - 6)) + (7 \times (8! - 9)) &= (9 \times (8! - (7! - (6 - (5! \times 4!)))) + 3^2 + 1 \\
 291665 &:= (1 \times 2 + (3 \times (4! \times 5!))) + (6! + (7 \times (8! + 9))) &= 9 - (8 \times (7! + (((6 - 5!) \times (4 + 3!!/2)) - 1))) \\
 291666 &:= (((1 + 2)! \times (3 + 4!)) + 5!) + (6 \times (7! + 8! - 9)) &= (9 \times (8! - (7! + 6))) - (5! \times ((4! \times (3^2)) - 1)) \\
 291667 &:= 1 + 2 \times 3! - ((4! \times 5! - (6 - (7! - 8!))) \times 9) &= (((9 + 8!) \times 7) + (6! + 5)) + (4! \times 3!!/2 - 1) \\
 291668 &:= (((1 + 2)! \times (3 \times 4)) + 5) + (6! + (7 \times (8! + 9))) &= (9 + (8! \times 7 + 6!)) + (((5! + 4! \times 3!!)/2) - 1) \\
 291669 &:= 1 - (2 - ((3^4 \times (5 \times 6!)) + (7!/8 \times 9))) &= (((9 + 8!) \times 7) + (6! + 5)) + ((4! \times 3!!/2) + 1) \\
 291670 &:= 1 - ((2 - (3!! \times 4! - (5! - (6 - 7)))) \times (8 + 9)) &= (9 + (8! \times 7 + 6!)) + (((5! + 4! \times 3!!)/2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 291671 &:= ((1+2)! + (3^4 \times (5 \times 6!))) + ((7 \times 8) + 9) &= (9 \times (((8+7!) \times 6) - 5!)) + (((4!/3)!/2) - 1) \\
 291672 &:= (1 \times 2 + (3^4 \times (5 \times 6!))) + (7!/(8 \times 9)) &= (9 \times (8! - 7!)) - ((6!/(5 \times 4)) \times (3!! - (2 \times 1))) \\
 291673 &:= (1 + (2 \times (3^4 \times 5!))) + ((6 \times 7! + 8) \times 9) &= (9 + 8! \times 7) + (((6! + 5) \times (4 + 3^2)) - 1) \\
 291674 &:= (1 \times 2 + (3^4 \times (5 \times 6! - (7 - 8)))) - 9 &= (9 \times ((8!/7 + 6!) \times 5)) + ((4! \times 3) + 2 \times 1) \\
 291675 &:= 1 - (2 \times (3!! - (((4! + 5) \times (6 + 7! + 8)) - 9))) &= (9 + 8! \times 7) + (((6! + 5) \times (4 + 3^2)) + 1) \\
 291676 &:= ((1+2)! + (3^4 \times (5 \times 6!))) + (7!/(8 \times 9)) &= ((9 + 8!) \times 7) + ((6! + (5 - 4)) \times (3! \times 2 + 1)) \\
 291677 &:= (((1+2)! \times (3+4!)) + 5) + ((6 \times 7! + 8) \times 9) &= (9 \times (8! - (7! - (6 - (5! \times 4!)))))) + ((3! - 2)! - 1) \\
 291678 &:= 1 - (2 - ((3^4 \times (5 \times 6!)) + (7 + 8 \times 9))) &= 9 \times 8 + ((7 + (((6 \times 5) \times (4! - 3!))^2)) - 1) \\
 291679 &:= (((1 \times 2 + ((3!! + 4!) \times 56)) \times 7) + 8) + 9 &= (9 \times (8! - (7! - (6 - (5! \times 4!)))))) + ((3! - 2)! + 1) \\
 291680 &:= (((1+2)! \times (3^4 \times 5)) + ((6! + 7!)/(8 \times 9)) &= 9 \times 8 + (7 + (((6 \times 5) \times (4! - 3!))^2) + 1) \\
 291681 &:= (1 \times 2 + ((3^4 \times (5 \times 6!)) + 7)) + 8 \times 9 &= (9 \times ((8!/7 + 6!) \times 5)) + ((4! + 3) \times (2 + 1)) \\
 291682 &:= ((1 + (2 \times 3!^4)) \times (5! - 6)) + ((7! - 8!)/9) &= (((9 + 8!) \times 7) + (6! - 5)) + (4! \times (3!!/2 + 1)) \\
 291683 &:= 1 - ((2 - (3 \times (4 \times 5))) \times ((6 + 7!) - (8 + 9))) &= ((9 + 8!/7!) \times ((6! - 5) \times 4!)) - (3!^2 + 1) \\
 291684 &:= 1 - ((2 \times (3!! - ((4! + 5) \times (6 + 7! + 8)))) + 9) &= (((((9 \times (8 + 7)) \times 6!) + 5 + 4!) \times 3) - 2) - 1 \\
 291685 &:= ((1+2)! + (3^4 \times (5 \times 6!))) + (7 + 8 \times 9) &= ((9 + 8!/7!) \times ((6! - 5) \times 4!)) - (3!^2 - 1) \\
 291686 &:= ((1+2)! \times 3^4) + ((5 \times (6 + 7)) \times (8!/9)) &= ((9 + 8!) \times 7) + ((6 \times (5! + (4 + 3!! \times 2))) - 1) \\
 291687 &:= ((1 + (2 \times 3!! + 4! + 5!)) \times 6) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + (6 \times 5!)) + (4! \times (3!!/2 + 1)) \\
 291688 &:= 1 \times 2 \times (3 + ((4! + 5) \times ((6 + 7!) - (8 + 9)))) &= ((9 + 8!) \times 7) + ((6 \times (5! + (4 + 3!! \times 2))) + 1) \\
 291689 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times (6! - 7)) + 8 \times 9 &= (9 \times (8! - (7! - (6 - (5! \times 4!)))))) + (3!^2 - 1) \\
 291690 &:= (1+2)! \times (((3+4!) \times 5!) + (6 + (7! + 8! + 9))) &= (9 + (((8 + 7) \times 6^5)/4)) \times (3^2 + 1) \\
 291691 &:= (12 + ((3^4 \times (5 \times 6!)) + 7)) + 8 \times 9 &= (9 \times (8! - (7! - (6 - (5! \times 4!)))))) + 3!^2 + 1 \\
 291692 &:= 1 \times (2 + ((3^4 \times (5 \times 6! - (7 - 8))) + 9)) &= (((9 + 8!) \times 7) + (6! + 5)) + (4! \times (3!!/2 + 1)) \\
 291693 &:= 1 \times (((2 + 3^4) \times (5! - 6)) + 7 \times 8! - 9) &= ((9 + 8!) \times 7) + (6 \times (5! + (4 + (3!! \times 2 + 1)))) \\
 291694 &:= (1 + (((2 + 3^4) \times (5! - 6)) + 7 \times 8!)) - 9 &= ((9 + 8!) \times 7) + (((6! - 5!) + 4^3) \times 2) - 1) \\
 291695 &:= (((1+2)! \times (3^4 \times 5)) + ((6 + 7) \times 8)) - 9 &= (9 \times ((8!/7 + 6!) \times 5)) + ((4 \times (3! - 2)! - 1) \\
 291696 &:= ((1+2)!^3) - (4! \times (5 - ((6! + 7!/8) \times 9))) &= ((9 + 8!) \times 7) + (((6! - 5!) + 4^3) \times 2) + 1) \\
 291697 &:= 1 \times (((2 + 3!!) \times (4 + ((56 \times 7) + 8))) + 9) &= (9 \times ((8!/7 + 6!) \times 5)) + ((4 \times (3! - 2)! + 1) \\
 291698 &:= (1 + (((2 + 3!)! - ((4 + 5) - 6!) \times 7)) + 8!/9 &= 9 - (((8 - (7 \times (6 \times 5))) \times (4 + 3!! \times 2)) - 1) \\
 291699 &:= ((1+2)! \times ((3^4 \times (5 \times 6!)) - (7!/8 - 9)) &= (9 \times ((8!/7 + 6!) \times 5)) + (((4 + 3!)^2) - 1) \\
 291700 &:= ((1 - (2 \times (3! + 4!))) \times (5!/6 - 7!)) - 8!/9 &= ((9 \times 8 \times ((7 \times 6) + 5!)) + 4) \times ((3! - 2)! + 1) \\
 291701 &:= 1 \times (2 - ((3!! \times 4 - (5 + 6 - (7! - 8!))) \times 9)) &= (9 \times ((8!/7 + 6!) \times 5)) + (((4 + 3!)^2) + 1) \\
 291702 &:= (1+2)! \times (((3! + (4^5 + (6 + 7!))) \times 8) + 9) &= ((9 + (((8! \times 7)/6!) \times (5! + 4))) \times 3) \times 2 \times 1 \\
 291703 &:= (((1+2)!^3)/4) + 5! + (6^7 - (8 + 9)) &= ((9 + (((8! \times 7)/6!) \times (5! + 4))) \times 3!) + (2 - 1) \\
 291704 &:= 1 - ((2 - (3!! \times 4! - (5! + (6 - 7)))) \times (8 + 9)) &= 9 - ((8 \times (7! - (6 \times (5 + ((4!^3)/2)))))) + 1) \\
 291705 &:= (1+2)! - ((3!! \times 4 - (5 + 6 - (7! - 8!))) \times 9) &= (9 + (8! \times 7 + (6! + 5!))) + (4! \times (3!!/2 - 1)) \\
 291706 &:= (1 - (((2 - 3^4) \times 5!) + (6 - (7 \times 8!)))) - 9 &= 9 - ((8 \times (7! - (6 \times (5 + ((4!^3)/2)))))) - 1) \\
 291707 &:= (1 + 2 \times 3!) \times ((4! \times (5 + 6!)) + (7! + (8 - 9))) &= ((9 + 8!/7!) \times ((6! - 5) \times 4!)) - (3! \times 2 + 1) \\
 291708 &:= (1+2)! \times (((3+4!) \times 5!) - ((6 - 7! - 8) \times 9)) &= (((9 \times (8 + ((7! - 6!) \times 5)))/4) \times 3) \times 2 \times 1
 \end{aligned}$$

$$\begin{aligned}
 291709 &:= (1 - 2 \times 3!) + (4! \times (5 + ((6! + 7!/8) \times 9))) &= ((9 + 8!/7!) \times ((6! - 5) \times 4!)) - ((3! \times 2) - 1) \\
 291710 &:= 1 \times 2 + (3 \times ((4 + (5! \times (6 \times (7 + 8)))) \times 9)) &= ((9 + 8!/7!) \times ((6! - 5) \times 4!)) - (3^2 + 1) \\
 291711 &:= 1 - (2 \times (3!! - (((4! + 5) \times (6 + 7! + 8)) + 9))) &= ((9 + 8!) \times 7) + (6 \times (5! + ((4 + 3!!) \times 2 \times 1))) \\
 291712 &:= (1 + (((2 + 3^4) \times (5! - 6)) + 7 \times 8!)) + 9 &= ((9 + 8!) \times 7) + ((6 \times (5! + ((4 + 3!!) \times 2))) + 1) \\
 291713 &:= (((1 + 2)!)! \times (3^4 \times 5)) + ((6 + 7) \times 8) + 9 &= (((9 + 8!/7!) \times ((6! - 5) \times 4!)) - 3!) - (2 - 1) \\
 291714 &:= (((1 + 2)!)! \times (3^4 \times 5)) + 6 \times 7 + 8 \times 9 &= (9 \times (8! - 7!) - 6) - (5! \times ((4! \times (3^2)) - 1)) \\
 291715 &:= ((1 + 2 \times 3!) \times (4 + (5! \times 6))) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + (((6 \times 5!) + 4) \times (3! \times 2 + 1)) \\
 291716 &:= 1 \times 2 - (3! - (4! \times (5 + ((6! + 7!/8) \times 9)))) &= (((9 + 8!/7!) \times ((6! - 5) \times 4!)) - 3!) + (2 \times 1) \\
 291717 &:= (1 - 2^{3!}) + (((4 \times (5 - 6!)) - (7! - 8!)) \times 9) &= ((9 + 8!) \times 7) + (6 \times (5! + (((4 + 3!!) \times 2) + 1))) \\
 291718 &:= 1 \times ((2^{3!} - ((4! \times 5! - (6 - (7! - 8!))) \times 9)) &= ((9 + 8!) \times 7) + ((6! + 5^4) \times (3! + (2 - 1))) \\
 291719 &:= (1 + 2^{3!}) - ((4! \times 5! - (6 - (7! - 8!))) \times 9) &= (((9 + 8!/7!) \times ((6! - 5) \times 4!)) - 3) + (2 \times 1) \\
 291720 &:= 1 \times 2 \times ((3 \times 4) \times (5 + ((6! + 7!/8) \times 9))) &= ((9 + 8!/7!) \times ((6! - 5) \times (4 \times 3))) \times 2 \times 1 \\
 291721 &:= (((1 + 2)^{3!}/4) + 5!) + (6^7 - 8 + 9) &= 9 - 8 + ((7! + ((6! + 5) \times 4!)) \times (3! \times 2 + 1)) \\
 291722 &:= (1 - 2) + (3 + (4! \times (5 + ((6! + 7!/8) \times 9)))) &= (((9 + 8!) \times 7) + 6!) + (((5! + 4! \times 3!)/2) - 1) \\
 291723 &:= (1 + 2)! - (3 - (4! \times (5 + ((6! + 7!/8) \times 9)))) &= (((9 + 8!) \times 7) + 6!) + ((5! + 4! \times 3!)/2 \times 1) \\
 291724 &:= ((1 - 2^{3!}) \times (4 - 5!)) + (6^7 + 8!/9) &= (((9 + 8!) \times 7) + 6!) + (((5! + 4! \times 3!)/2) + 1) \\
 291725 &:= 1 \times 2 + (3 + (4! \times (5 + ((6! + 7!/8) \times 9)))) &= (9 - 8) \times (7 \times (6! + (5 \times ((4^{3!} \times 2) - 1)))) \\
 291726 &:= (1 + (((2 \times 3! - 4)! - (5 - 6!)) \times 7)) + 8!/9 &= (9 \times (8! - 7!)) + (6 - (5! \times ((4! \times (3^2)) - 1))) \\
 291727 &:= (((12 \times 34) \times (5 - 6!)) - 7) \times (8 - 9) &= ((9 + 8!) \times 7) + (((6! + 5) \times (4 + 3^2)) - 1) \\
 291728 &:= 1 \times 2 + 3! + (4! \times (5 + ((6! + 7!/8) \times 9))) &= (9 + (8! \times 7 + (6! + 5!))) + (4! \times 3!/2 - 1) \\
 291729 &:= (1 + 2)! + (3 + (4! \times (5 + ((6! + 7!/8) \times 9)))) &= ((9 + 8!) \times 7) + (((6! + 5) \times (4 + 3^2)) + 1) \\
 291730 &:= (1 + ((2 \times ((3 + 4)!) + (5! - 6!))) + (7 \times 8! + 9) &= ((9 + 8!/7!) \times ((6! - 5) \times 4!)) + 3^2 + 1 \\
 291731 &:= (12 + (3^4 \times (5 \times 6!))) + (7 \times (8 + 9)) &= (((9 + 8!/7!) \times ((6! - 5) \times 4!)) + (3! \times 2)) - 1 \\
 291732 &:= (((1 \times 2 + 3!)! - (4 - 5! \times 6)) \times 7) + 8!/9 &= (((9 + 8!/7!) \times ((6! - 5) \times 4!)) + (3! \times 2)) \times 1 \\
 291733 &:= 1 + 2 \times 3! + (4! \times (5 + ((6! + 7!/8) \times 9))) &= (((9 + 8!/7!) \times ((6! - 5) \times 4!)) + (3! \times 2)) + 1 \\
 291734 &:= ((1 - 2) + (3^4 \times (5 \times 6!))) + ((7 + 8) \times 9) &= (9 \times ((8! + 7) - (6^5 - 4!))) - (3!! \times 2 + 1) \\
 291735 &:= (((1 + 2)^{3!} \times 4^5) + 6 \times 7!) + (8! - 9) &= ((9 + 8) \times ((7 - 6) - (5! - (4! \times 3!)))) - 2 \times 1 \\
 291736 &:= 1 \times (((2 \times 3!! + 4!) \times 5) + (6^7 + 8!/9)) &= 9 - (((8 - (((7! \times 6/5) \times 4!) + 3!)) \times 2) + 1) \\
 291737 &:= 1 + (((2 \times 3!! + 4!) \times 5) + (6^7 + 8!/9)) &= 9 + (8 + ((7! + ((6! + 5) \times 4!)) \times (3! \times 2 + 1))) \\
 291738 &:= ((1 + 2)!)! + (3! \times (((4^5 + (6! \times 7)) \times 8) - 9)) &= 9 - (((8 - (((7! \times 6/5) \times 4!) + 3!)) \times 2) - 1) \\
 291739 &:= 1 \times 2 - ((3! + ((4! \times (5 - 6!)) - 7)) \times (8 + 9)) &= ((9 + 8) \times ((7 - 6) - (5! - (4! \times 3!)))) + (2 \times 1) \\
 291740 &:= (1 + 2)!! - ((3!!/4) - ((5 \times (6 + 7)) \times (8!/9))) &= (9 \times ((8!/7 + 6!) \times 5)) + (4 \times (3!^2 - 1)) \\
 291741 &:= (((1 + (2 \times 3!! + 4!)) \times 5) + 6^7) + 8!/9 &= (9 \times ((8!/7 + 6!) \times 5)) + ((4! \times 3!) - 2 - 1) \\
 291742 &:= 1 \times ((2 - ((3! - ((4 \times 5!) - 6)) \times 7)) \times 89) &= (9 \times ((8!/7 + 6!) \times 5)) + ((4! \times 3!) - (2 \times 1)) \\
 291743 &:= 1 - (2 - (3!! + (4! \times (5 + ((6! - 7) \times (8 + 9)))))) &= (9 \times (8! - (7! + ((6! - 5) \times 4)))) - (3!^2 + 1) \\
 291744 &:= 1 \times 2 \times (3!! - (((4! \times (5! + 6)) - 7!) \times 8 \times 9)) &= (9 \times (((8!/7 + 6!) \times 5) - 4!)) + (3!!/2 \times 1) \\
 291745 &:= (1 + ((2 \times 3!)^4)) - ((5! - (6 \times 7! - 8)) \times 9) &= (9 \times (8! - (7! + ((6! - 5) \times 4)))) - (3!^2 - 1) \\
 291746 &:= 1 - (2 - (3 \times (4 + ((5 + (6! \times (7 + 8))) \times 9)))) &= 9 - (8 - (((7! \times 6/5) \times 4!) + 3!)) \times 2 + 1) \\
 291747 &:= (1 - ((2 - (3 \times ((4! - 5) \times 6!))) \times 7)) + 8!/9 &= (9 + 8! \times 7) + (6 \times (5! + (4! + (3!! \times 2 - 1))))
 \end{aligned}$$

$$\begin{aligned}
 291748 &:= 1 + 2 \times 3! + (((45 \times 6!) + (7 + 8)) \times 9) &= (9 \times ((8!/7 + 6!) \times 5)) + (4 \times (3!^2 + 1)) \\
 291749 &:= 1 \times (2 + (3 \times (4 + ((5 + (6! \times (7 + 8))) \times 9)))) &= (((9 \times (((8 + 7) \times 6!) + 5)) + 4) \times 3) + 2) \times 1 \\
 291750 &:= ((1 + 2)! + 3! \times 4!) \times (((5^6 + 7)/8) - 9) &= (((9 + 8 \times 7) \times 6!) - 5!)/4 \times ((3! - 2)! + 1) \\
 291751 &:= 1 - (2 \times (((3 + 4)! - (5 \times ((6 \times (7! - 8)) - 9)))) &= ((9 + 8! \times 7) - (6^5 - (4! \times 3!))) - 2 \times 1 \\
 291752 &:= ((1 + 2)!! + ((3^4 \times (5 \times 6! - 7) + 8)) - 9) &= 9 + 8! + (((7! + (6^5/4)) \times (3!^2)) - 1) \\
 291753 &:= (((1 + 2)! \times ((3 \times (4! + 5^6) - 7!) + 8!) - 9) &= 9 - (8 \times (7! - (6 \times (5 + (((4!^3)/2) + 1)))))) \\
 291754 &:= (1 + ((2 \times 3!! + 4! + 5!) \times 6)) + (7 \times 8! + 9) &= 9 + 8! + (((7! + (6^5/4)) \times (3!^2)) + 1) \\
 291755 &:= (1 - (2 \times (3 - 4!))) \times (((5! + (6! + 7)) \times 8) + 9) &= ((9 + 8!/7!) \times ((6! - 5) \times 4!)) + (3!^2 - 1) \\
 291756 &:= 1 + (2 - ((3 - ((4 \times (5 - 6!)) - (7! - 8!))) \times 9)) &= ((9 + 8! \times 7) - (6^5 - (4! \times 3!))) + (2 + 1) \\
 291757 &:= 1 - (((2 \times (3 - 4!)) + 5 \times 6!) \times (7 - 89)) &= ((9 + 8!/7!) \times ((6! - 5) \times 4!)) + 3!^2 + 1 \\
 291758 &:= (1 - 23) + (((4 \times (5 - 6!)) - (7! - 8!)) \times 9) &= (((9 + 8!) \times 7) - 6^5) + ((4! \times (3!! - 2)) - 1) \\
 291759 &:= (((1 + (2 \times 3!! + 4! + 5!)) \times 6) + 7 \times 8!) + 9 &= (((9 + 8!) \times 7) + (6! + 5!)) + (4! \times (3!!/2 - 1)) \\
 291760 &:= 1 \times 2 \times (((3!! - 4) \times (5 \times 6 \times 7)) - 8!/9) &= 9 - (8 - ((7 \times (6! + (5 \times 4^3! \times 2))) - 1)) \\
 291761 &:= 1 \times ((2 + (3! \times (((4 + 5!) \times 67) + 8!))) - 9) &= 9 - (8 - (7 \times (6! + (5 \times (4^3! \times 2 \times 1)))))) \\
 291762 &:= ((1 + 2)!^3) - ((4! \times 5! + ((6 + 7!) - 8!)) \times 9) &= 9 - 8 + ((7 \times (6! + (5 \times 4^3! \times 2))) + 1) \\
 291763 &:= 1 \times (((23 - 4) \times (5^6)) - (7! + 8 \times 9)) &= 9 + ((8 - 7 \times 6) \times (((5! - (4! \times 3!))/2) - 1)) \\
 291764 &:= 1 - (((2 + 3) - 4!) \times (5^6)) + (7! + 8 \times 9) &= (9 + 8! \times 7) - (6! - (5 \times (4^3!/2 - 1))) \\
 291765 &:= 1 \times (((2 + 3^4) \times (5! - 6)) + (7 \times (8! + 9))) &= ((9 + 8!/7!) \times (((6! - 5) \times 4!) + 3)) - (2 + 1)! \\
 291766 &:= (1 + ((2 + 3^4) \times (5! - 6))) + (7 \times (8! + 9)) &= (-98 + ((7 + 6) \times 5!)) + (4!^3 \times 21) \\
 291767 &:= (((1 + 2)!)! \times ((3^4 \times 5) - 6)) + (7 + 8!/9) &= (9 \times (8! - (7! + ((6! - 5) \times 4)))) - (3! \times 2 + 1) \\
 291768 &:= 1 \times ((2 + 3!) \times (4 \times 5! + (6! - (7! - 8! + 9)))) &= 9 - (8 - (7 \times (6! + ((5 \times 4^3! \times 2) + 1)))) \\
 291769 &:= (1 - 2 \times 3!) + (((4 \times (5 - 6!)) - (7! - 8!)) \times 9) &= (9 + ((8 + (((7! \times 6/5) \times 4!) + 3!)) \times 2)) \times 1 \\
 291770 &:= ((1 + 2)!! + ((3^4 \times (5 \times 6! - 7) + 8)) + 9) &= (9 \times (8! - (7! + ((6! - 5) \times 4)))) - (3^2 + 1) \\
 291771 &:= 1 - (2 - ((3!! + 4) \times (((5 \times (6! + 7)) - 8)/9))) &= ((9 \times (8! - (7! + ((6! - 5) \times 4)))) - 3!) - (2 + 1) \\
 291772 &:= (1 + ((2 + ((3 + 4!) \times 5!)) \times (6 \times (7 + 8)))) - 9 &= (((9 + 8!/7!) \times (((6! - 5) \times 4!) + 3)) + 2) - 1 \\
 291773 &:= 1 - ((2 + 3!) - (((4 \times (5 - 6!)) - (7! - 8!)) \times 9)) &= (((9 + 8!/7!) \times (((6! - 5) \times 4!) + 3)) + 2) \times 1 \\
 291774 &:= 1 \times 2 + ((3!! + 4) \times (((5 \times (6! + 7)) - 8)/9)) &= (((9 + 8!/7!) \times (((6! - 5) \times 4!) + 3)) + 2) + 1 \\
 291775 &:= (1 + ((2 + (3 \times ((4! - 5) \times 6!))) \times 7)) + 8!/9 &= ((9 \times (8! - (7! + ((6! - 5) \times 4)))) - 3) - 2 \times 1 \\
 291776 &:= 1 \times 2 - (3! - (((4 \times (5 - 6!)) - (7! - 8!)) \times 9)) &= ((9 \times (8! - (7! + ((6! - 5) \times 4)))) - 3!) + (2 \times 1) \\
 291777 &:= ((1 + 2) - 3!) + (((4 \times (5 - 6!)) - (7! - 8!)) \times 9) &= ((9 + 8! \times 7) - 6^5) + (4! \times (3!! + (2 - 1))) \\
 291778 &:= (1 + ((2 + (3 \times 4!)) \times 5!)) + (6! + (7 \times (8! - 9))) &= ((9 \times (8! - (7! + ((6! - 5) \times 4)))) - (3 - 2)) - 1 \\
 291779 &:= 1 - (2 + (((3!! - 4) \times 5) - (6! - (7! - 8!))) \times 9)) &= (9 \times (((8!/7 + 6!) \times 5) + 4!)) - (3!^2 + 1) \\
 291780 &:= (1 \times 2 + ((3 + 4!) \times 5!)) \times (6!/(7 - 8 + 9)) &= (9 \times (8! - (7! + ((6! + 5) \times 4)))) + (3!!/2 \times 1) \\
 291781 &:= (1 + ((2 + 34) \times (5 - 6!))) - ((7! - 8!) \times 9) &= (9 \times (((8!/7 + 6!) \times 5) + 4!)) - (3!^2 - 1) \\
 291782 &:= 1 \times (2 - (((3!! - 4) \times 5) - (6! - (7! - 8!))) \times 9)) &= (((9 + 8!) \times 7) + (6! + 5!)) + (4! \times 3!!/2 - 1) \\
 291783 &:= 1 + (2 - (((3!! - 4) \times 5) - (6! - (7! - 8!))) \times 9)) &= (((9 + 8!) \times 7) - 6^5) + (4! \times (3!! - (2 - 1))) \\
 291784 &:= 1 \times (2^3! + (4! \times (5 + ((6! + 7!/8) \times 9)))) &= (((9 + 8!) \times 7) + (6! + 5!)) + ((4! \times 3!!/2) + 1) \\
 291785 &:= (1 + 2^3!) + (4! \times (5 + ((6! + 7!/8) \times 9))) &= (9 \times (8! - (7! + ((6! - 5) \times 4)))) + ((3 + 2) \times 1)
 \end{aligned}$$

$$\begin{aligned}
 291786 &:= (1 + 2) + (3 + (((4 \times (5 - 6!)) - (7! - 8!)) \times 9)) &= ((9 + 8) \times ((7 + (6! - 5) \times 4!) - 3)) - 2 \times 1 \\
 291787 &:= 1 - (2 + (((3 + (4! \times (5 - 6!))) - 7) \times (8 + 9))) &= (9 \times (8! - (7! + ((6! - 5) \times 4)))) + (3! + (2 - 1)) \\
 291788 &:= 1 \times 2 + 3! + (((4 \times (5 - 6!)) - (7! - 8!)) \times 9) &= ((9 \times (8! - (7! + ((6! - 5) \times 4)))) + 3!) + (2 \times 1) \\
 291789 &:= (1 + (((2 + 3!)! + (4 + (5! \times 6))) \times 7)) + 8!/9 &= 9 + 8! + (((7! + (6! \times 5!))/4) \times ((3! \times 2) - 1)) \\
 291790 &:= (1 - (((2 - 3^4) \times 5!) - 6)) + (7 \times (8! + 9)) &= (9 \times (8! - (7! + ((6! - 5) \times 4)))) + 3^2 + 1 \\
 291791 &:= (1 \times 2 + (3^{4+5})) + (6 \times (7! + 8! - 9)) &= (9 \times (8! - (7! + ((6! - 5) \times 4)))) + ((3! \times 2) - 1) \\
 291792 &:= 1 \times (2 \times 3! + (((4 \times (5 - 6!)) - (7! - 8!)) \times 9)) &= (9 \times (8 + 7!)) + (6! + (5! \times (4^{3!}/2 - 1))) \\
 291793 &:= 1 + 2 \times 3! + (((4 \times (5 - 6!)) - (7! - 8!)) \times 9) &= (9 \times (8! - (7! + ((6! - 5) \times 4)))) + (3! \times 2 + 1) \\
 291794 &:= (1 + (((2 + 3)! \times (4^5 - 6!)) - 7) \times 8) + 9 &= ((9 + 8) \times ((7 + (6! - 5) \times 4!) - 3)) + (2 + 1)! \\
 291795 &:= 1 \times (((2 \times 3! - 4)! + (5 + 6!)) \times 7) + 8!/9 &= ((9 - 8) \times 7) \times (6! + (5 \times ((4^{3!} \times 2) + 1))) \\
 291796 &:= (1 + (((2 \times 3! - 4)! + (5 + 6!)) \times 7)) + 8!/9 &= ((9 + 8!) \times 7) + ((6 + 5) \times ((4! \times (3!^2)) - 1)) \\
 291797 &:= ((1 + ((2 + 3)! \times 4) \times (5!/6)) + (7 \times (8! - 9))) &= 9 \times 8 + (7 \times (6! + (5 \times ((4^{3!} \times 2) - 1)))) \\
 291798 &:= (12 + 3!) + (((4 \times (5 - 6!)) - (7! - 8!)) \times 9) &= (9 \times (8! - ((7 + ((6!/5!)^4) \times 3!))) - ((2 + 1)!)) \\
 291799 &:= 1 \times (2^{3!} + (((45 \times 6!) + (7 + 8)) \times 9)) &= 9 + ((8 \times ((76 \times (5! \times 4)) - 3!)) - (2 \times 1)) \\
 291800 &:= 12 - (((3 + (4! \times (5 - 6!))) - 7) \times (8 + 9)) &= ((9 + 8! \times 7) - 6^5) + ((4! \times (3!! + 2)) - 1) \\
 291801 &:= ((1 + 2)! + (((3! \times 4^5) + 6 \times 7!) \times 8) + 9) &= ((9 + 8!) \times 7) + (6 \times (5! + (4! + (3!! \times 2 - 1)))) \\
 291802 &:= (((1 + 2)! + (3 \times ((4! - 5) \times 6!))) \times 7) + 8!/9 &= ((9 + 8! \times 7) - 6^5) + ((4! \times (3!! + 2)) + 1) \\
 291803 &:= 1 \times (23 + (((4 \times (5 - 6!)) - (7! - 8!)) \times 9)) &= (9 \times (((8!/7 + 6!) \times 5) + 4!)) - (3! \times 2 + 1) \\
 291804 &:= 1 \times (2 \times (3 + ((4! + 5) \times (((6 - (7 - 8)))! - 9)))) &= ((9 + 8) \times (7 + (6! - 5) \times 4!)) - (3!^2 - 1) \\
 291805 &:= 1 + (2 \times (3 + ((4! + 5) \times (((6 - (7 - 8)))! - 9)))) &= (9 \times (((8!/7 + 6!) \times 5) + 4!)) - ((3! \times 2) - 1) \\
 291806 &:= 1 + ((2 \times 3! - ((4! \times (5 - 6!)) + 7)) \times (8 + 9)) &= (9 \times (((8!/7 + 6!) \times 5) + 4!)) - (3^2 + 1) \\
 291807 &:= (1 + 2)^3 + (((4 \times (5 - 6!)) - (7! - 8!)) \times 9) &= (((9 + 8!) \times 7) + (6! + 5!)) + (4! \times (3!!/2 + 1)) \\
 291808 &:= (1 + ((2 \times 3!! + 4! + 5!) \times 6)) + (7 \times (8! + 9)) &= (9 \times (((8!/7 + 6!) \times 5) + 4!)) - (3! + 2 \times 1) \\
 291809 &:= 1 \times (2 + (3 \times (4! + ((5 + (6! \times (7 + 8))) \times 9)))) &= (((9 + 8!) \times 7) - 6^5) + ((4! \times 3!!) + 2 \times 1) \\
 291810 &:= 1 \times (2 \times (3! + ((4! + 5) \times (((6 - (7 - 8)))! - 9)))) &= (9 \times ((8! - 7) - 6^5)) - ((4^{3+2}) - 1) \\
 291811 &:= 1 + (2 \times (3! + ((4! + 5) \times (((6 - (7 - 8)))! - 9)))) &= ((9 \times (((8!/7 + 6!) \times 5) + 4!)) - 3) - 2 \times 1 \\
 291812 &:= 12 + (3 + \sqrt{4}) \times (5! + (6 + 7) \times 8!/9) &= ((9 \times (((8!/7 + 6!) \times 5) + 4!)) - (3 + 2)) + 1 \\
 291813 &:= ((1 + (2 \times 3!! + 4! + 5!)) \times 6) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + (6 \times (5! + (4! + (3!! \times 2 + 1)))) \\
 291814 &:= (1 - (2 \times (3! + 4!))) \times (5 - (6! \times 7 - 89)) &= ((9 + 8) \times (7 + (6! - 5) \times 4!)) - ((3! - 2)! + 1) \\
 291815 &:= 1 - (2 - (3!^4 - (((5! \times 67) - 8!) \times 9))) &= (9 \times ((8!/7 + 6!) \times 5)) + ((4! \times (3^2)) - 1) \\
 291816 &:= (1 - 2^{3!}) \times ((4! \times (5!/6)) - (7! + 8 \times 9)) &= (((9 \times 8) + 7!) - (6! \times 5)) \times ((4! \times (3! + 2)) + 1) \\
 291817 &:= ((1 + 2)!^3) - (((4! \times (5 - 6!)) + 7) \times (8 + 9)) &= (9 \times ((8!/7 + 6!) \times 5)) + ((4! \times (3^2)) + 1) \\
 291818 &:= 1 \times 2 - ((3 + 4) \times (5 \times 6! - ((7! - 8) \times 9))) &= ((9 + 8!) \times 7) - (6! - (5 \times (4^{3!}/2 - 1))) \\
 291819 &:= (1 + 2) - ((3 + 4) \times (5 \times 6! - ((7! - 8) \times 9))) &= ((9 + 8!/7!) \times (6 - (5! - (4! \times 3!)))) - (2 + 1) \\
 291820 &:= (1 - ((2 - (3^4 \times 5)) \times (6! - 7))) + 8!/9 &= ((9 + 8!/7!) \times (6 - (5! - (4! \times 3!)))) - 2 \times 1 \\
 291821 &:= 1 + ((2 + 3) \times (4 + (5! + ((6 + 7) \times (8!/9)))) &= ((9 \times (((8!/7 + 6!) \times 5) + 4!)) + 3) + (2 \times 1) \\
 291822 &:= (1 - ((2 - 3 \times 4!) \times (5 \times 6! - 7))) + (8! - 9) &= ((9 + 8!) \times 7) - (6! - (((5 \times 4^{3!})/2) - 1)) \\
 291823 &:= 1 - (2 \times (((3 + 4)! - (((5 \times 6) \times (7! - 8)) - 9))) &= ((9 \times (((8!/7 + 6!) \times 5) + 4!)) + (3! + 2)) - 1
 \end{aligned}$$

$$\begin{aligned}
 291824 &:= (1 - ((2^{3!} \times ((4! \times (5!/6)) - 7!)) + 8)) - 9 &= ((9 + 8!) \times 7) - (6! - (((5 \times 4^{3!})/2) + 1)) \\
 291825 &:= (((1 - 2) + 3^4) \times 5!) - 6) + (7 \times 8! - 9) &= ((9 \times (((8!/7 + 6!) \times 5) + 4!)) + (3! + 2)) + 1 \\
 291826 &:= (1 + (((2 \times (3!! + 4!)) + 5!) \times 6)) + (7 \times (8! - 9)) &= (9 \times (((8!/7 + 6!) \times 5) + 4!)) + 3^2 + 1 \\
 291827 &:= 1 - (2 \times (3! - (((4! + 5) \times (6! \times 7 - 8)) - 9))) &= (9 \times (((8!/7 + 6!) \times 5) + 4!)) + ((3! \times 2) - 1) \\
 291828 &:= 1 \times ((2 + 3^4) \times ((5 \times (6! - (7 + 8))) - 9)) &= (((9 + 8!) \times 7) - 6!) + (5 \times (4^{3!}/2 + 1)) \\
 291829 &:= 1 + ((2 + 3^4) \times ((5 \times (6! - (7 + 8))) - 9)) &= (9 \times (((8!/7 + 6!) \times 5) + 4!)) + (3! \times 2 + 1) \\
 291830 &:= ((1 + ((2 + 3!)! + ((4 + 5) + 6!))) \times 7) + 8!/9 &= (9 - ((8 - 7!/6) \times 5)) \times ((4^3) + (2 + 1)!) \\
 291831 &:= ((1 + ((2 \times (3!! + 4!)) + 5!)) \times 6) + (7 \times (8! - 9)) &= 9 \times 8 + ((7 \times (6! + (5 \times 4^{3!} \times 2))) - 1) \\
 291832 &:= (1 + ((2 + (3 \times 4!)) \times 5!)) + (6! + 7 \times 8! - 9) &= 9 - ((8 \times (((7! + 6!) \times (5 - 4!))/3) + 2)) + 1) \\
 291833 &:= 1 - (2 - ((3^{4+5}) + ((6 \times (7! + 8!)) - 9))) &= 9 \times 8 + ((7 \times (6! + (5 \times 4^{3!} \times 2))) + 1) \\
 291834 &:= 1 \times 2 \times (3 - (((4! + 5) \times (6 - 7!)) + 8 \times 9)) &= 9 - ((8 \times (((7! + 6!) \times (5 - 4!))/3) + 2)) - 1) \\
 291835 &:= (((1 + 2!)! \times (3! \times 4!)) - (5 - ((6 \times 7) \times (8!/9)))) &= (((9 + 8) \times (7 + (6! - 5) \times 4!)) - 3!) + (2 \times 1) \\
 291836 &:= (1 \times 2 + ((3^{4+5}) + (6 \times (7! + 8!)))) - 9 &= 9 - (((8 - 7) + (6! + 5!)) \times (((4! - 3!)/2) + 1)) \\
 291837 &:= (((1 - 2) + 3^4) \times 5!) + 6) + (7 \times 8! - 9) &= (((9 \times 8) + 7!/6) \times 5) \times (4^3) - (2 + 1) \\
 291838 &:= ((1 + 2 \times 3!) \times (4! - (5 - 6!))) + (7 \times 8! - 9) &= 9 + 8! - (((7 - (6! \times 5)) \times ((4! \times 3) - 2)) + 1) \\
 291839 &:= (1 + (2^{3!} \times ((4! \times (5!/6)) - 7!))) \times (8 - 9) &= (9 \times (((8!/7 + 6!) \times 5) + 4!)) + ((3! - 2)! - 1) \\
 291840 &:= (1 - ((2 - 3 \times 4!) \times (5 \times 6! - 7))) + (8! + 9) &= 9 + 8! - (((7 - (6! \times 5)) \times ((4! \times 3) - 2)) - 1) \\
 291841 &:= (1 - ((2^{3!} \times (4 - 5!)) - 6^7)) + 8!/9 &= (9 \times (((8!/7 + 6!) \times 5) + 4!)) + ((3! - 2)! + 1) \\
 291842 &:= (1 - (2 \times (3 - ((4! + 5) \times (6! \times 7 - 8)))) - 9 &= (((9 \times 8) + 7!/6) \times 5) \times (4^3) + (2 \times 1) \\
 291843 &:= (((1 - 2) + 3^4) \times 5!) - 6) + (7 \times 8! + 9) &= (9 + 8! \times 7) + (6 \times (((5 \times 4!)/3)^2 - 1)) \\
 291844 &:= 1 \times 2 \times ((3 + ((4! + 5) \times (6! \times 7 - 8))) - 9) &= (((9 + 8) \times (7 + (6! - 5) \times 4!)) + 3) + (2 \times 1) \\
 291845 &:= (1 + 2^{3!}) + (((4 \times (5 - 6!)) - (7! - 8!)) \times 9) &= ((9 \times (8!/7 + (6! + 5))) + 4) \times ((3 + 2) \times 1) \\
 291846 &:= (1 + 2)! - ((3^4 - 5) \times ((6! + 7! - 8!)/9)) &= ((9 + 8) \times (7 + (6! - 5) \times 4!)) + (3! + (2 - 1)) \\
 291847 &:= 1 \times 2 + 3! - (((4! \times (5 - 6!)) - 7) \times (8 + 9)) &= 9 - ((8 \times (((7! + 6!) \times (5 - 4!))/3)) + 2 \times 1) \\
 291848 &:= (1 + ((2 + 3)! \times (4^5 - 6!))) \times (7 - 8 + 9) &= (9 + (8! \times 7 + 6!)) + ((5! \times ((4! \times 3) + 2)) - 1) \\
 291849 &:= 1 \times 2 - (((3 \times (4 - 5!))/6) \times (7! - 8)) + 9) &= (9 + (8! \times 7 + 6!)) + (5! \times ((4! \times 3) + 2 \times 1)) \\
 291850 &:= 1 \times (2 \times (3! + (((4! + 5) \times (6! \times 7 - 8)) - 9))) &= (9 + (8! \times 7 + 6!)) + ((5! \times ((4! \times 3) + 2)) + 1) \\
 291851 &:= 1 + (2 \times (3! + (((4! + 5) \times (6! \times 7 - 8)) - 9))) &= (9 \times (((8!/7 + 6!) \times 5) + 4!)) + (3!^2 - 1) \\
 291852 &:= ((1 + 2)! + 3!!) \times (4! - (5! + (6 - (7 \times 8 \times 9)))) &= (9 + 8! \times 7) + (((6! - ((5^4) - 3))^2) - 1) \\
 291853 &:= 1 \times ((2 \times (3 + ((4! + 5) \times (6! \times 7 - 8)))) - 9) &= (9 \times (((8!/7 + 6!) \times 5) + 4!)) + 3!^2 + 1 \\
 291854 &:= 1 + ((2 \times (3 + ((4! + 5) \times (6! \times 7 - 8)))) - 9) &= (9 + 8! \times 7) + (((6! - ((5^4) - 3))^2) + 1) \\
 291855 &:= (((1 - 2) + 3^4) \times 5!) + 6) + (7 \times 8! + 9) &= (9 \times ((8!/7 + 6!) \times 5)) + ((4^{3! - 2}) - 1) \\
 291856 &:= ((1 + 2 \times 3!) \times (4! - (5 - 6!))) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) - 6^5) + ((4! \times (3!! + 2)) + 1) \\
 291857 &:= ((1 + (2 \times ((3!! + 4!) \times 5))) + 6^7) + 8!/9 &= (9 \times ((8!/7 + 6!) \times 5)) + ((4^{3! - 2}) + 1) \\
 291858 &:= ((1 + 2)! + (3^{4+5})) + ((6 \times (7! + 8!)) + 9) &= 9 - (((8 - (7 \times 6!)) \times (5 + 4!)) + 3) \times 2 + 1) \\
 291859 &:= 1 \times ((2 \times (3! + ((4! + 5) \times (6! \times 7 - 8)))) - 9) &= (((9 + 8! - (7! \times 6)) \times (5 + 4!)) - 3!!) - 2 \times 1) \\
 291860 &:= (1 + (2 \times (3! + ((4! + 5) \times (6! \times 7 - 8)))) - 9) &= 9 - (((8 - (7 \times 6!)) \times (5 + 4!)) + 3) \times 2 - 1) \\
 291861 &:= (((1 + (2 \times (3!! + 4!))) \times 5) + 6^7) + 8!/9 &= (9 + 8! - (7! + ((6! - 5) \times 4))) \times (3 \times (2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 291862 &:= 1 + ((23 - (4! \times 5! - (6 - (7! - 8!)))) \times 9) &= (9 - (((8 - (7 \times 6!)) \times (5 + 4!)) + 3!)) \times 2 \times 1 \\
 291863 &:= 1 - (2 \times (3! - (((4! + 5) \times (6! \times 7 - 8)) + 9))) &= 9 + (((8 - 7!) \times ((6!/5!) - 4^3)) - (2 \times 1)) \\
 291864 &:= (1 + 2) - (3!! + ((4! + 5) \times (6 \times 7! - 8! - 9))) &= (((9 - 8) \times 7)!) + ((6^5 - 4!) \times (3!^2 + 1)) \\
 291865 &:= (-1 + 2) \times (((3! - (4 - 56)) \times (7! - 8)) + 9) &= (9 \times (8! - (7! + 6))) - (((5! \times 4)/3)^2 + 1) \\
 291866 &:= ((1 + 2)^3) - (((4! \times (5 - 6!)) - 7) \times (8 + 9)) &= (9 \times (8! - (7! + 6))) - (((5! \times 4)/3)^2 \times 1) \\
 291867 &:= 1 \times 2 - (((3 \times (4 - 5!))/6) \times (7! - 8)) - 9 &= (9 \times (8! - (7! + 6))) - (((5! \times 4)/3)^2 - 1) \\
 291868 &:= (1 + 2) - (((3 \times (4 - 5!))/6) \times (7! - 8)) - 9 &= (9 - (((8 - (7 \times 6!)) \times (5 + 4!)) + 3)) \times 2 \times 1 \\
 291869 &:= 1 - (2 + ((3!! \times 4 - (5 \times 6 - (7! - 8!))) \times 9)) &= ((9 + ((8 \times 76) \times 5!)) \times 4) - (3! + (2 - 1)) \\
 291870 &:= ((1 + 2) - 3! \times 4!) \times (5 \times 6! - ((7!/8) \times 9)) &= 9 + 8! + (((7 + 6!) \times ((5! - 4) \times 3) - 2) - 1) \\
 291871 &:= (1 + 2)! - (((3 \times (4 - 5!))/6) \times (7! - 8)) - 9 &= 9 + 8! - ((7 + 6!) \times (((5!/4) - 3!)/2) - 1) \\
 291872 &:= (1 - (((2 + (3 \times (4 - 5!))) \times (6! + 7)) - 8!)) + 9 &= 9 + 8! + (((7 + 6!) \times ((5! - 4) \times 3) - 2) + 1) \\
 291873 &:= (1 + 2) + ((3!! \times 4! + ((5 \times (6 - 7!)) + 8!)) \times 9) &= (9 \times (8 \times 7! - 6^5)) - ((4^{3+2}) - 1) \\
 291874 &:= 1 + ((2 - ((3! \times (4 \times (5 - 6!))) - 7)) \times (8 + 9)) &= ((9 + 8) \times (7 + (6! - 5) \times 4!)) + (3!^2 - 1) \\
 291875 &:= (12 \times 3) - (((4! \times (5 - 6!)) - 7) \times (8 + 9)) &= ((9 + 8) \times (7 + (6! - 5) \times 4!)) + (3! \times (2 + 1)!) \\
 291876 &:= (1 + 2)! + ((3!! \times 4! + ((5 \times (6 - 7!)) + 8!)) \times 9) &= ((9 + 8) \times (7 + (6! - 5) \times 4!)) + 3!^2 + 1 \\
 291877 &:= (((((1 + 2)! \times 3^4) - 5!)/6) + (7 \times (8! - 9))) &= 9 - (((8 - (7 \times 6!)) \times (5 + 4!)) - 3!) \times 2 \times 1 \\
 291878 &:= (1 + (2 \times (3! + ((4! + 5) \times (6! \times 7 - 8)))) + 9 &= (((9 + ((8 \times 76) \times 5!)) \times (4!/3!)) + 2) \times 1 \\
 291879 &:= (1 + (2 \times (3!^4 - 5))) \times (((6 + 7) \times 8) + 9) &= (((9 + 8!) \times 7) - 6^5) + (4! \times (3 + (2 + 1)!)) \\
 291880 &:= 1 \times (2 \times (3 + (((4! + 5) \times (6! \times 7 - 8)) + 9))) &= (9 + 8! \times 7) + (((6 \times 5!) + 4^{3!}) \times 2) - 1 \\
 291881 &:= 1 + (2 \times (3 + (((4! + 5) \times (6! \times 7 - 8)) + 9))) &= (9 + 8! \times 7) + (((6 \times 5!) + 4^{3!}) \times 2 \times 1) \\
 291882 &:= (((1 + 2)! \times (3^4 \times 5)) + (6 \times ((7 \times 8) - 9))) &= (9 + 8! \times 7) + (((6 \times 5!) + 4^{3!}) \times 2) + 1 \\
 291883 &:= 1 \times (((2 - (3 \times (4 \times 5))) \times (6 - 7!)) - 89) &= (((9 + 8) \times (7! + 6!)) - (5^4)) \times 3 - 2 \times 1 \\
 291884 &:= ((12 \times (3!! + 4!)) + (5 + (6! + 7 \times 8!))) - 9 &= ((9 + 8) \times (7 + (((6! - 5) \times 4!) + 3))) - (2 + 1)! \\
 291885 &:= (1 - (2^{3!} + 4!)) \times (5 - (6 \times (7! - 8!/9))) &= (((9 + ((8 \times 76) \times 5!)) \times 4) + (3! + 2)) + 1 \\
 291886 &:= 1 \times (2 \times (3! + (((4! + 5) \times (6! \times 7 - 8)) + 9))) &= (9 - (((8 - (7 \times 6!)) \times (5 + 4!)) - 3!)) \times 2 \times 1 \\
 291887 &:= 1 + (2 \times (3! + (((4! + 5) \times (6! \times 7 - 8)) + 9))) &= (9 \times ((8 + (7! \times 6)) - 5!)) + (((4! \times 3!)^2) - 1) \\
 291888 &:= (((1 + 2)! + 3!)^4) - ((5! - (6 \times 7! + 8)) \times 9) &= (9 \times ((8 + (7! \times 6)) - 5!)) + ((4! \times 3!)^2 \times 1) \\
 291889 &:= (1 - ((2 + 3!) \times (4! \times 5!))) + ((6^7/8) \times 9) &= (9 \times ((8 + (7! \times 6)) - 5!)) + (((4! \times 3!)^2) + 1) \\
 291890 &:= 1 - (2 - ((3^4 \times 5!) - (6 - (7 \times (8! - 9)))))) &= ((9 + 8! \times 7) + (((6! + 5) + 4^{3!}) \times 2)) - 1 \\
 291891 &:= (1 + 2) + (3! \times ((4 \times (5! + 6!)) + ((7! - 8) \times 9))) &= ((9 + 8! \times 7) + (((6! + 5) + 4^{3!}) \times 2)) \times 1 \\
 291892 &:= 1 \times (2 + ((3 - ((4! \times (5 - 6!)) - 7)) \times (8 + 9))) &= 9 + (8! \times 7 + (((6! + 5) + 4^{3!}) \times 2) + 1) \\
 291893 &:= 1 \times ((2 + (3^4 \times 5!)) - (6 - (7 \times (8! - 9)))) &= ((9 + 8) \times (7 + (((6! - 5) \times 4!) + 3))) + (2 + 1) \\
 291894 &:= (1 + (((2 + 3!)! + (4! - (5 - 6!))) \times 7)) + 8!/9 &= (9 \times (8! - (7! - (6 - (5! \times 4!)))) + (3!/(2 + 1)) \\
 291895 &:= 1 - (2 - (3!! - (4! - ((5 \times (6 + 7)) \times (8!/9)))))) &= (9 \times ((8! - 7) - (6^5 + 4!))) - (3!! + 2 \times 1) \\
 291896 &:= 1 - (2 - ((3^{4+5}) + (6 \times (7! + 8! + 9)))) &= 9 + 8! - (7! - ((6^5 \times (4! + 3^2)) - 1)) \\
 291897 &:= (((1 - 2) + 3^4) \times 5!) - 6 + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + (6 \times (((5 \times 4!)/3)^2) - 1) \\
 291898 &:= (1 + (((2 \times (3!! + 4!)) + 5!) \times 6) + 7 \times 8!) + 9 &= 9 + 8! - (7! - ((6^5 \times (4! + 3^2)) + 1)) \\
 291899 &:= ((1 + (2 \times 3!! + 4)) \times (5 \times 6 \times 7 - 8)) + 9 &= 9 - ((8 - (7 \times (6 \times 5))) \times (4 + (3!! \times 2 + 1)))
 \end{aligned}$$

$$\begin{aligned}
 291900 &:= 1 \times 2 \times ((3! + 4!) \times (5 - (((6! - 7!)/8) \times 9))) &= ((9 + (8 \times ((7 + 6!) - 5!))) \times (4! + 3!)) \times 2 \times 1 \\
 291901 &:= (1 - ((2 - (3! + 4!)) \times (5^6 - 7!))) - 8!/9 &= (9 \times (8! - (7! + ((6! - 5) \times 4)))) + (((3 + 2)!) + 1) \\
 291902 &:= (1 + 2 \times 3!) \times (4! + (5 \times (6 + (7! \times 8/9)))) &= (((9 + 8!) \times 7) + 6!) + ((5! \times ((4! \times 3) + 2)) - 1) \\
 291903 &:= (((1 + ((2 \times (3!! + 4!)) + 5!)) \times 6) + 7 \times 8!) + 9 &= (9 + 8! \times 7) + (6 \times (5! + (((4! + 3!)) \times 2) + 1)) \\
 291904 &:= 1 - (((2 \times 3! + 4) \times (5! - 6!)) - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6!) + ((5! \times ((4! \times 3) + 2)) + 1) \\
 291905 &:= (1 \times 2 + ((3^4 \times 5!) + 6)) + (7 \times (8! - 9)) &= (9 \times (8! - (7! + (6 + (5! \times 4!)))) + (3!!/2 - 1) \\
 291906 &:= (1 \times 2 \times (3 - ((4! + 5) \times (6 - 7!)))) - 8 \times 9 &= ((9 + 8!) \times 7) + (((6! - ((5^4) - 3)^2) - 1) \\
 291907 &:= ((1 + ((2 + 3!)! + (4 \times 5 + 6!))) \times 7) + 8!/9 &= (9 \times (8! - (7! + (6 + (5! \times 4!)))) + (3!!/2 + 1) \\
 291908 &:= (1 + 2)!! - ((3 \times 4) - ((5 \times (6 + 7)) \times (8!/9))) &= ((9 + 8!) \times 7) + (((6! - ((5^4) - 3)^2) + 1) \\
 291909 &:= (((1 - 2) + 3^4) \times 5!) + 6) + (7 \times (8! + 9)) &= (9 \times (8! - ((7 \times (6! - 5)) + (4 \times 3!)))) - (2 + 1)! \\
 291910 &:= ((1 + 2 \times 3!) \times (4! - (5 - 6!))) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + ((6! - (5 - 4!)) \times (3! \times 2 + 1)) \\
 291911 &:= (12 \times 3!) - (((4! \times (5 - 6!)) - 7) \times (8 + 9)) &= (9 \times (8 + 7!)) + ((6! + (5! \times (4^{3!}/2))) - 1) \\
 291912 &:= (1 \times 2 + 3!) \times (4 \times 5! + (6! - (7! - 8! - 9))) &= (9 \times ((8!/7 + 6!) \times 5)) + (4! \times (3! \times 2 + 1)) \\
 291913 &:= (1 - (2^{3!} \times ((4! \times (5!/6)) - 7!))) + 8 \times 9 &= (9 \times (8! - 7!)) - (6 + (((5! \times 4)/3)^2) + 1) \\
 291914 &:= ((1 + 2 \times 3!) \times (4! + (5 + 6!))) + (7 \times (8! - 9)) &= (9 \times (8! - 7!)) - (6 + (((5! \times 4)/3)^2 \times 1)) \\
 291915 &:= 1 + ((2 - (3 \times (4 \times 5))) \times (6 - (7! + (8 - 9)))) &= (9 \times (8! - 7!)) - ((6 + (((5! \times 4)/3)^2)) - 1) \\
 291916 &:= (1 - ((2 - 34) \times 5!)) \times (6 + (7!/(8 \times 9))) &= ((9 \times (8! - ((7 \times (6! - 5)) + (4 \times 3!)))) + 2) - 1 \\
 291917 &:= 1 \times 2 - ((3!! \times 4 - (((5 - 6!) \times 7) + 8!)) \times 9) &= ((9 \times (8! - ((7 \times (6! - 5)) + (4 \times 3!)))) + 2) \times 1 \\
 291918 &:= (1 + 2) - ((3!! \times 4 - (((5 - 6!) \times 7) + 8!)) \times 9) &= ((9 \times (8! - ((7 \times (6! - 5)) + (4 \times 3!)))) + 2) + 1 \\
 291919 &:= 1 + ((2 + 3!!) - (4 - ((5 \times (6 + 7)) \times (8!/9)))) &= (9 \times (8! - (7 \times 6!))) - (((5! \times 4)/3)^2) + 1) \\
 291920 &:= (((1 - 2) + 3^4) \times (5 \times 6! - 7)) + 8!/9 &= (9 \times (8! - (7 \times 6!))) - (((5! \times 4)/3)^2 \times 1) \\
 291921 &:= (1 + 2)! - ((3!! \times 4 - (((5 - 6!) \times 7) + 8!)) \times 9) &= (9 \times (8! - (7 \times 6!))) - (((5! \times 4)/3)^2) - 1) \\
 291922 &:= ((1 + 2)! + 3!!) - (4 - ((5 \times (6 + 7)) \times (8!/9))) &= (9 + (8 \times ((76 \times (5! \times 4)) + 3^2))) + 1 \\
 291923 &:= ((1 + ((2 + 3!) \times 4)) \times (5!/6)) + (7 \times (8! + 9)) &= (9 \times ((8!/7 + 6!) \times 5)) + (((4! - 3!)^2) - 1) \\
 291924 &:= 1 \times 2 \times ((3!! + ((4! \times (5! + (6 + 7!)))/8)) \times 9) &= ((9 + 8!) \times 7) + (((6! - 5) + 4^{3!}) \times 2) - 1) \\
 291925 &:= ((1 + 2)^{3!}) - (4 - ((5 \times (6 + 7)) \times (8!/9))) &= (9 \times (8! - 7!)) + (6 - (((5! \times 4)/3)^2) + 1) \\
 291926 &:= 1 \times 2 - (((3! \times ((4 \times 5!) - 6)) + 7! - 8!) \times 9) &= ((9 + 8!) \times 7) + (((6! - 5) + 4^{3!}) \times 2) + 1) \\
 291927 &:= ((1 + 2^{3!}) \times (4! + (5! + 6))) + (7 \times (8! - 9)) &= (9 \times (8! - 7!)) + (6 - (((5! \times 4)/3)^2) - 1) \\
 291928 &:= 1 \times (((2 + 3!)! + ((4 + 5!) \times 6)) \times 7) + 8!/9 &= ((9 - (8 - 7)) + 6!) \times (((5 \times 4!)/3!)^2) + 1) \\
 291929 &:= (1 + (((2 + 3!)! + ((4 + 5!) \times 6)) \times 7)) + 8!/9 &= (9 + 8! \times 7) + ((6!/(5 + 4)) \times (((3 + 2)!) + 1)) \\
 291930 &:= (1 + 2)! - (((3! \times ((4 \times 5!) - 6)) + 7! - 8!) \times 9) &= ((9 \times (8! - (7 - ((6 + 5) \times (4 - 3!)))) - 2) - 1) \\
 291931 &:= ((((((1 + 2)!)! \times 3^4) - 5!)/6) + 7 \times 8!) - 9 &= ((9 \times (8! - (7 - ((6 + 5) \times (4 - 3!)))) - 2) \times 1) \\
 291932 &:= (1 - (2 \times (3! + 4!))) \times (5!/6 - (7! - 8 \times 9)) &= 9 + (((8! \times 7) - 6!) + ((5! - (4! - 3!))^2)) - 1) \\
 291933 &:= 1 \times ((2 - (3!! \times 4 - (((5 - 6!) \times 7) + 8!))) \times 9) &= (9 + 8! \times 7) - (6! - ((5! - (4! - 3!))^2 \times 1)) \\
 291934 &:= 1 + ((2 - (3!! \times 4 - (((5 - 6!) \times 7) + 8!))) \times 9) &= ((9 + 8!) \times 7) + (((6 \times 5!) + 4^{3!}) \times 2) - 1) \\
 291935 &:= ((1 + ((2 + 3!)! + ((4 + 5!) \times 6))) \times 7) + 8!/9 &= ((9 \times ((8!/7 + 6!) \times 5)) - 4!) + (3!!/2 - 1) \\
 291936 &:= 1 - ((2 \times (3! + (((4! + 5) \times (6 - 7!)) + 8))) + 9) &= ((9 + 8!) \times 7) + (((6 \times 5!) + 4^{3!}) \times 2) + 1) \\
 291937 &:= (((1 + 2)!^{3+4}) - 5!) + ((6! - 7) \times (8 + 9)) &= ((9 \times ((8!/7 + 6!) \times 5)) - 4!) + (3!!/2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 291938 &:= ((1+2)!! - (3! - 4!)) + ((5 \times (6+7)) \times (8!/9)) &= ((9+8) \times ((7+6) - (5! - (4! \times 3!)))) - (2+1) \\
 291939 &:= (1+2)! - (((3!! - 4) \times (5+6)) + 7 - 8!) \times 9 &= (9+8! \times 7) + ((6 \times 5) \times (((4! - 3!)^2) - 1)) \\
 291940 &:= (1 - (2+3)!) - ((4! + 5) \times (6 \times 7! - 8! + 9)) &= ((9+8! \times 7) - 6!) + ((5+4!) \times (3!!/2 - 1)) \\
 291941 &:= (1+2)!! - (3 - (4! + ((5 \times (6+7)) \times (8!/9)))) &= ((9+8) + (7! + ((6! + 5) \times 4!))) \times (3! \times 2 + 1) \\
 291942 &:= (1+2)!! - ((3+4!) \times (5 - ((6! \times (7+8)) - 9))) &= ((9 \times (8! - 7!))/6!) \times ((5^4) + (3!^2 + 1)) \\
 291943 &:= 1 - (2 - (3!! + (4! + ((5 \times (6+7)) \times (8!/9)))) &= ((9+8) \times ((7+6) - (5! - (4! \times 3!)))) + (2 \times 1) \\
 291944 &:= (((1-2) + (3^4 \times 5!)) - (6 - (7 \times 8!))) - 9 &= ((9+8!) \times 7) + (((6! + 5) + 4^{3!}) \times 2) - 1 \\
 291945 &:= (((((1+2)!)! \times (3^4 \times 5)) + (6 \times 7 \times 8)) + 9 &= (9 \times ((8! - 7) - 6^5)) - (4! \times (3!^2 + 1)) \\
 291946 &:= (1 \times 2 + 3!! + 4!) + ((5 \times (6+7)) \times (8!/9)) &= ((9+8!) \times 7) + (((6! + 5) + 4^{3!}) \times 2) + 1 \\
 291947 &:= 1 \times ((2 + (3^4 \times 5!)) - (6 - (7 \times 8! - 9))) &= (9 \times ((8!/7 + 6!) \times 5)) - (((4! - 3!)/2) + 1) \\
 291948 &:= 1 + ((2 + (3^4 \times 5!)) - (6 - (7 \times 8! - 9))) &= (9 \times ((8!/7 + 6!) \times 5)) - ((4! - 3!)/2 \times 1) \\
 291949 &:= ((((((1+2)!)! \times 3^4) - 5!)/6) + 7 \times 8!) + 9 &= (9 \times ((8!/7 + 6!) \times 5)) - (((4! - 3!)/2) - 1) \\
 291950 &:= ((1+2)!! + (3! + 4!)) + ((5 \times (6+7)) \times (8!/9)) &= ((9+8!) \times 7) + ((6 \times (5! + ((4! + 3!) \times 2))) - 1) \\
 291951 &:= ((1+2)!)! + ((3^4 \times 5!) - (6! - (7 \times 8! - 9))) &= (9 \times (8 \times 7! - (6^5 + 4!))) - (3^{(2+1)!}) \\
 291952 &:= (1 + (((2 \times (3!! + 4!)) + 5!) \times 6)) + (7 \times (8! + 9)) &= 9 - (((8 - ((7! - 6) \times (5 + 4!)) - 3!) \times 2) + 1) \\
 291953 &:= (1 \times 2 \times (3 - (((4! + 5) \times (6 - 7!)) + 8))) - 9 &= (9 \times (8! - 7!)) - ((6! - (5 + 4!)) \times (3!^2 + 1)) \\
 291954 &:= (1 - (2 \times (3! + (((4! + 5) \times (6 - 7!)) + 8)))) + 9 &= 9 - (((8 - ((7! - 6) \times (5 + 4!)) - 3!) \times 2) - 1) \\
 291955 &:= 1 \times (((2 - (3 \times (4 \times 5))) \times (6 - 7!)) - (8 + 9)) &= ((9 \times ((8!/7 + 6!) \times 5)) - (4 - 3!!/2)) - 1 \\
 291956 &:= (((1 - ((2 \times 3!!)/4)) \times (5 - 6!)) - 7!) + (8! - 9) &= ((9 \times ((8!/7 + 6!) \times 5)) - (4 - 3!!/2)) \times 1 \\
 291957 &:= ((1 + ((2 \times (3!! + 4!)) + 5!)) \times 6) + (7 \times (8! + 9)) &= ((9+8!) \times 7) + (6 \times (5! + (((4! + 3!) \times 2) + 1))) \\
 291958 &:= (1 - (2 \times (3! \times 4! + 5!))) \times (6 - (7! - 8!/9)) &= 9 - (((8 - ((7! - 6) \times (5 + 4!)) - 3!) \times 2) + 1) \\
 291959 &:= (1 \times 2 + ((3^4 \times 5!) + 6)) + (7 \times 8! - 9) &= (9 \times (8! - (7! + (6! - 5!)))) - (((4!/3)!/2) + 1) \\
 291960 &:= (1 \times 2 + 3!)! - (((4! \times (5 + 6!)) - (7! + 8!)) \times 9) &= 9 - (8 - (((7!/6 - (5 + 4!)) \times 3!!/2) - 1)) \\
 291961 &:= (1 + (2 + 3!)!) - (((4! \times (5 + 6!)) - (7! + 8!)) \times 9) &= (9 \times (8! - (7! + (6! - 5!)))) - (((4!/3)!/2) - 1) \\
 291962 &:= ((1 + (2 \times (3 - ((4! + 5) \times (6 - 7!)))) - 8) - 9 &= 9 - (8 - (((7!/6 - (5 + 4!)) \times 3!!/2) + 1)) \\
 291963 &:= (((1 \times 2 + 3!)! + (4! + (5 + 6!))) \times 7) + 8!/9 &= (9+8! \times 7) + (6 \times ((5 \times ((4! - 3!)^2) - 1)) \\
 291964 &:= (1 + (((2 + 3!)! + (4! + (5 + 6!))) \times 7)) + 8!/9 &= 9 - (((8 - ((7! - 6) \times (5 + (4 \times 3!)))) \times 2) + 1) \\
 291965 &:= 1 \times ((2 + (3^4 \times 5!)) - (6 - (7 \times 8! + 9))) &= ((9 \times ((8!/7 + 6!) \times 5)) + 4) + (3!!/2 + 1) \\
 291966 &:= 1 + ((2 + (3^4 \times 5!)) - (6 - (7 \times 8! + 9))) &= 9 - (((8 - ((7! - 6) \times (5 + (4 \times 3!)))) \times 2) - 1) \\
 291967 &:= 1 + (2 \times ((3 + ((4! + 5) \times (6 - 7!))) \times (8 - 9))) &= 9 - (8 - (((7! - 6) \times (5 + 4!)) - 3) \times 2 \times 1) \\
 291968 &:= (((1 + 2 \times 3!) \times (4! + (5 + 6!))) + 7 \times 8!) - 9 &= (9 \times ((8! - 7) - 6^5)) - ((4! \times (3!^2)) + 1) \\
 291969 &:= (((1 + 2) + (3 \times 4!)) \times 5!) + (6! + (7 \times 8! + 9)) &= (9 + (8! + 7!)) + (6! + (5! \times (4^{3!}/2 + 1))) \\
 291970 &:= ((1 + ((2 + 3!)! + (4! + (5 + 6!)))) \times 7) + 8!/9 &= (9 \times ((8! - 7) - 6^5)) - ((4! \times (3!^2)) - 1) \\
 291971 &:= (1 \times 2 \times (3 - (((4! + 5) \times (6 - 7!)) + 8))) + 9 &= (9 \times ((8!/7 + 6!) \times 5)) + (((4! + 3!)/2) - 1) \\
 291972 &:= 1 + (((2 - (3 \times (4 \times 5))) \times (6 - 7!)) + (8 - 9)) &= (9 \times ((8!/7 + 6!) \times 5)) + ((4! + 3!)/2 \times 1) \\
 291973 &:= 1 \times (((2 - (3 \times (4 \times 5))) \times (6 - 7!)) - 8 + 9) &= (9 \times (8! - (7! - 6))) - (((5! \times 4)/3)^2) + 1) \\
 291974 &:= (1 - (2 \times ((3 + ((4! + 5) \times (6 - 7!))) - 8))) - 9 &= (9 + 8! - 7!) + ((6! - (5!/4!)) \times (3!!/2 - 1)) \\
 291975 &:= (((1 + 2)! \times (3!! + 4^5)) - 6!) + (7 \times 8! - 9) &= (9 \times (8! - (7! - 6))) - (((5! \times 4)/3)^2) - 1) \\
 291976 &:= 1 \times (2 \times (3 - (((4! + 5) \times (6 - 7!)) - 8 + 9))) &= 9 - (((8 - ((7! - 6) \times (5 + 4!)) + 3!) \times 2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 291977 &:= ((1 \times 2 \times (3 - ((4! + 5) \times (6 - 7!)))) + 8) - 9 &= (9 \times 8!/7! + (6! - 5)) \times (((4! + 3!)/2) - 1) \\
 291978 &:= (1 + (2 \times (3 - ((4! + 5) \times (6 - 7!)))) + (8 - 9)) &= 9 - (((8 - (((7! - 6) \times (5 + 4!)) + 3!)) \times 2) - 1) \\
 291979 &:= ((1 \times 2 \times (3 - ((4! + 5) \times (6 - 7!)))) - 8) + 9 &= 9 + (((8!/7!) + 6) \times ((5! + ((4! \times 3!)^2)) - 1)) \\
 291980 &:= ((1 + (2 \times (3 - ((4! + 5) \times (6 - 7!)))) - 8) + 9 &= 9 - (8 - (((((7! - 6) \times (5 + 4!)) + 3) \times 2) + 1)) \\
 291981 &:= ((1 + 2^{3!}) \times (4! + (5! + 6!))) + (7 \times 8! - 9) &= 9 + 8! - 7 + ((6! + (5 - 4!)) \times (3!/2 - 1)) \\
 291982 &:= 1 \times (2 \times (3! - (((4! + 5) \times (6 - 7!)) - 8 + 9))) &= 9 + 8 + (((((7! - 6) \times (5 + 4!)) - 3) \times 2) - 1) \\
 291983 &:= ((1 \times 2 \times (3! - ((4! + 5) \times (6 - 7!)))) + 8) - 9 &= ((9 \times ((8!/7 + 6!) \times 5)) + 4!) + (3!/2 - 1) \\
 291984 &:= (1 + (2 \times (3! - ((4! + 5) \times (6 - 7!)))) + (8 - 9)) &= 9 - (8 - (((((7! - 6) \times (5 + 4!)) + 3!) \times 2) - 1)) \\
 291985 &:= (1 \times 2 \times (3 - (((4! + 5) \times (6 - 7!)) - 8))) - 9 &= ((9 \times ((8!/7 + 6!) \times 5)) + 4!) + (3!/2 + 1) \\
 291986 &:= 1 - ((2 \times (3! + (((4! + 5) \times (6 - 7!)) - 8))) - 9) &= ((9 + 8!) \times 7) - (6! - (((5! - (4! - 3!))^2) - 1)) \\
 291987 &:= (((1 + 2)!)! \times (3 + 4!)) - ((5 - (6 \times (7! + 8))) \times 9) &= ((9 + 8!) \times 7) - (6! - ((5! - (4! - 3!))^2 \times 1)) \\
 291988 &:= 1 \times (2 \times ((3!^4 \times 5!) - (6 + (7! + 8!/9)))) &= ((9 + 8!) \times 7) - (6! - (((5! - (4! - 3!))^2) + 1)) \\
 291989 &:= 1 + (2 \times ((3!^4 \times 5!) - (6 + (7! + 8!/9)))) &= 9 + 8! + (((((7! - 6) \times 5) - 4) \times (3^2 + 1)) \\
 291990 &:= (((1 + 2)!)! \times (3^4 \times 5)) + (6 \times ((7 \times 8) + 9)) &= (9 \times (8! - 7!)) - ((6! - (5!/4)) \times (3!^2 + 1)) \\
 291991 &:= 1 \times ((23^4) + (((5! \times 6) + 7!/8) \times 9)) &= 9 + (((8 + ((7! - 6) \times (5 + 4!))) - 3) \times 2 \times 1) \\
 291992 &:= (1 + (2 \times (3! - (((4! + 5) \times (6 - 7!)) - 8)))) - 9 &= (9 + ((8 \times 7) \times ((6 \times 5) + ((4! \times 3!)^2)))) - 1 \\
 291993 &:= 1 - (2 \times (3! + (4 - (((5 \times 6) \times 7!) - 8!/9)))) &= ((9 + 8!) \times 7) + ((6 \times 5) \times (((4! - 3!)^2) - 1)) \\
 291994 &:= (((1 + 2) \times (3! + 4) \times 5!) - 6) + (7 \times 8!/9) &= (((9 + 8!) \times 7) - 6!) + ((5 + 4!) \times (3!/2 - 1)) \\
 291995 &:= ((1 \times 2 \times (3 - ((4! + 5) \times (6 - 7!)))) + 8) + 9 &= (9 \times (8 \times 7! - 6^5)) - (((4! + 3!)^2) + 1) \\
 291996 &:= 1 - (2^{3!} + ((4! + 5) \times (6 \times 7! - 8! + 9))) &= (9 + ((8 + ((7! - 6) \times (5 + (4 \times 3!)))) \times 2)) - 1 \\
 291997 &:= (1 + ((23^4) + 5)) + ((6! + 7!/8) \times 9) &= (9 \times (8 \times 7! - 6^5)) - (((4! + 3!)^2) - 1) \\
 291998 &:= (1 \times 2 + (3^4 \times (5 \times (6! - (7 - 8)))) - 9 &= ((9 + 8! \times 7) - 6!) + ((5 + 4!) \times (3!/2 + 1)) \\
 291999 &:= ((1 + 2^{3!}) \times (4! + (5! + 6!))) + (7 \times 8! + 9) &= ((9 \times (8 \times 7! + ((6 + 5) \times (4 - 3!)))) + 2) + 1 \\
 292000 &:= 1 \times 2 \times ((3!^4 \times 5!) - ((6! \times 7) + 8!/9)) &= 9 + ((8 + (((((7! - 6) \times (5 + 4!)) + 3!) \times 2)) - 1)
 \end{aligned}$$

2.1.13 Numbers From 292001 to 293000

$$\begin{aligned}
 292001 &:= (1 + ((2 + 3 \times 4! \times 5) \times 6!)) + (7 \times 8!/9) &= 9 - ((8 \times (7!/6! - 5!)) \times (((4! - 3!)^2) - 1)) \\
 292002 &:= ((1 + 2)! + (3^4 \times (5 \times (6! - (7 - 8)))) - 9 &= 9 + (8 + (((((7! - 6) \times (5 + 4!)) + 3!) \times 2) + 1)) \\
 292003 &:= 1 \times ((2 \times (3 - ((4! + 5) \times (6 - 7!)) - 8))) + 9 &= 9 + ((8 + (((7! - 6) \times (5 + 4!)) + 3)) \times 2 \times 1) \\
 292004 &:= (1 + (2 \times (3 - (((4! + 5) \times (6 - 7!)) - 8)))) + 9 &= 9 + (((8 + (((7! - 6) \times (5 + 4!)) + 3)) \times 2) + 1) \\
 292005 &:= ((1 + 2) \times (3 - 4!)) \times (5 - (6! - ((7! - 8!/9))) &= (9 \times ((8! + 7!/6!)) \times (((5! \times 4) + 3!)^2) - 1) \\
 292006 &:= (((1 + 2) \times (3! + 4) \times 5!) + 6) + (7 \times 8!/9) &= ((9 + 8) + ((7! - 6) \times (5 + 4!))) \times (3!/(2 + 1)) \\
 292007 &:= 1 \times 2 - (3 \times ((4 - 5 - 6!) \times ((7 + 8) \times 9))) &= 9 + (((8!/7!) + 6) \times (5! + (((4! \times 3!)^2) + 1))) \\
 292008 &:= ((1 - (2 + 3!) \times 4!) \times 5!) + ((6^7/8) \times 9) &= (9 \times (8 \times 7! - 6^5)) - (4! \times (3!^2 + 1)) \\
 292009 &:= 1 \times ((2 \times (3! - (((4! + 5) \times (6 - 7!)) - 8))) + 9 &= (9 + 8) \times ((76 \times ((5! - (4 + 3)) \times 2)) + 1) \\
 292010 &:= (1 + (2 \times (3! - (((4! + 5) \times (6 - 7!)) - 8)))) + 9 &= 9 + (((8 + (((7! - 6) \times (5 + 4!)) + 3!)) \times 2) + 1) \\
 292011 &:= (1 + 2) \times (((3! + 4^5) - 6) \times 7 \times 8) + 9 &= (((9 + 8) + (((7! - 6) \times (5 + 4!)) + 3)) \times 2) - 1
 \end{aligned}$$

$$\begin{aligned}
 292012 &:= ((1 + (2 \times (((3 + 4)!) - 5!))) - 6) + (7 \times (8! - 9)) = (((9 + 8) + (((7! - 6) \times (5 + 4!)) + 3)) \times 2) \times 1 \\
 292013 &:= (1 \times 2 - (((3! + 4) \times (5 \times (6 - 7!))) - 8!)) - 9 = 9 + (((8! - 7!/6)/5) - 4) \times (3!^2 + 1) \\
 292014 &:= ((1 + 2) - (((3! + 4) \times (5 \times (6 - 7!))) - 8!)) - 9 = (9 \times (8! - (7! - (6 - (5! \times 4!)))) + (3!/2 \times 1) \\
 292015 &:= (((12 \times ((3 + 4)!) / 5) + 6^7) - 8) - 9 = (9 \times (8! - (7! - (6 - (5! \times 4!)))) + (3!/2 + 1) \\
 292016 &:= 1 - (2 - ((3^4 \times 5!) - (6 - (7 \times (8! + 9)))) = (987 + 6!) + (5 + (4!^3 \times 21)) \\
 292017 &:= 1 + (2 + ((3^4 \times (5 \times (6! - (7 - 8)))) + 9)) = ((9 + 8!) \times 7) + (6 \times ((5 \times ((4! - 3!)^2)) - 1)) \\
 292018 &:= ((1 + ((2^3 + 4!) \times 5!)) - 6!) + (7 \times (8! - 9)) = 9 + 8! - ((7 - 6!) \times (5 - ((4! - 3!)/2 \times 1))) \\
 292019 &:= 1 \times ((2 + (3^4 \times 5!)) - (6 - (7 \times (8! + 9)))) = 9 + 8! - (((7 - 6!) \times (5 - ((4! - 3!)/2))) - 1) \\
 292020 &:= 1 + ((2 + (3^4 \times 5!)) - (6 - (7 \times (8! + 9)))) = ((9 \times ((8! + 7) - (6^5 + 4!))) - (3! + 2)) - 1 \\
 292021 &:= ((-1 + (2 \times (3! - 4!))) \times (5 \times 6 \times 7)) - 89 = ((9 \times ((8! + 7) - (6^5 + 4!))) - (3! + 2)) \times 1 \\
 292022 &:= 1 \times (2 + (3 \times ((4 + 5!) \times (6! - (7 - 8 \times 9)))) = (((9 + 8!) \times 7) - 6!) + (((5 + 4!) \times 3!/2) - 1) \\
 292023 &:= 1 - (2 \times (3! + ((4 \times ((5 \times (6! + 7)) - 8!)) + 9))) = (9 \times (8^{(7-6) \times 5})) - ((4 \times (3! + 2)) + 1) \\
 292024 &:= (1 + (2 \times (3!^4 + 5 \times 6!))) + (7 \times 8! - 9) = (((9 + 8!) \times 7) - 6!) + (((5 + 4!) \times 3!/2) + 1) \\
 292025 &:= 1 - (2 \times (3 + ((4! + 5) \times (6 - (7! - 8 + 9)))) = ((9 \times ((8! + 7) - (6^5 + 4!))) - (3! - 2)) \times 1 \\
 292026 &:= ((1 + 2)!) + (3! \times (((4^5 + (6 + 7!)) \times 8) - 9)) = ((9 \times ((8! + 7) - (6^5 + 4!))) - (3! - 2)) + 1 \\
 292027 &:= (((1 + 2)!) \times (3 + 4!)) - 5) + (6 \times ((7! + 8) \times 9)) = (9 + 8! + ((7! - 6) \times (5 \times (4 + 3!)))) - 2 \times 1 \\
 292028 &:= 1 - (2 - ((3^4 \times 5!) + (6 + (7 \times (8! + 9)))) = 9 + 8! - (((7! - 6) \times ((5 - (4! + 3!)) \times 2)) + 1) \\
 292029 &:= (1 \times 2 \times (((3 + 4)!) - (5! - 6))) + (7 \times (8! - 9)) = (((9 + 8!) \times 7) + 6) + (5! \times ((4! + 3) \times (2 + 1))) \\
 292030 &:= (1 \times 2 \times (3! \times 4 - 5^6)) - ((7! - 8!) \times 9) = 9 + 8! - (((7! - 6) \times ((5 - (4! + 3!)) \times 2)) - 1) \\
 292031 &:= (1 + (2 \times (3! \times 4 - 5^6))) - ((7! - 8!) \times 9) = (9 \times (8! - (7! + (6! \times 5)))) + (((4!^3)/2) - 1) \\
 292032 &:= 1 - ((2 \times (3! + (4 \times ((5 \times (6! + 7)) - 8!)))) + 9) = (9 \times (8 + 7!)) + (6! + (5! \times (4^3/2 + 1))) \\
 292033 &:= (1 + (2 \times (3^4 \times 5!))) + (6 \times ((7! + 8) \times 9)) = (9 \times (8! - (7! + (6! \times 5)))) + (((4!^3)/2) + 1) \\
 292034 &:= 1 \times 2 - ((3! + ((4! \times (5 + 6)) - 7!)) \times 8 \times 9) = (9 \times (8^{(7-6) \times 5})) - (4 \times 3! - (2 \times 1)) \\
 292035 &:= ((1 + 2)! - ((3! + 4) \times (5 \times (6 - 7!)))) + (8! + 9) = (9 + 8! \times 7) + (6 \times (((5! - (4! - 3!)) \times 2) - 1)) \\
 292036 &:= 1 \times 2 \times (3 - ((4! + 5) \times (6 - (7! - 8 + 9)))) = ((((((9 - 8) + 7!) - 6) \times (5 + 4!)) + 3) \times 2) \times 1 \\
 292037 &:= (((1 + 2)!) \times (3 + 4!)) + 5) + (6 \times ((7! + 8) \times 9)) = 9 \times 8 + (((((7! - 6) \times (5 + 4!)) - 3) \times 2) - 1) \\
 292038 &:= (1 + 2)! \times (((3! \times 4! + (5 + 6!)) \times 7 \times 8) + 9) = 9 \times 8 + (((((7! - 6) \times (5 + 4!)) - 3) \times 2) \times 1) \\
 292039 &:= 1 - ((2 \times (3 + ((4! + 5) \times (6 - 7!)))) - 8 \times 9) = (9 \times (8^{(7-6) \times 5})) - ((4 \times (3! - 2)) + 1) \\
 292040 &:= ((1 + 2 \times 3!) \times (4! + (5 + 6!))) + (7 \times (8! + 9)) = (9 \times ((8!/7 + 6!) \times 5)) + (((4! - 3!)^2) - 1) \\
 292041 &:= (1 + (2 + 3!)) - ((4 - (5 \times 6!)) \times (7!/(8 \times 9))) = 9 + 8! - ((7! - 6^5) \times (4 \times ((3! - 2)! - 1))) \\
 292042 &:= (1 + (2 \times (3!^4 + 5 \times 6!))) + (7 \times 8! + 9) = (9 \times ((8!/7 + 6!) \times 5)) + (((4! - 3!)^2) + 1) \\
 292043 &:= 1 - ((2 \times (3! \times 4)) - (5^6 + (7 \times (8! - 9)))) = 9 + (((8! \times 7) - 6) + ((5! - (4! - 3!))^2)) - 1) \\
 292044 &:= 1 \times (((2 - (3 \times (4 \times 5))) \times (6 - 7!)) + 8 \times 9) = (9 + 8! \times 7) - (6 - ((5! - (4! - 3!))^2 \times 1)) \\
 292045 &:= 1 + (((2 - (3 \times (4 \times 5))) \times (6 - 7!)) + 8 \times 9) = 9 + (((8! \times 7) - 6) + (((5! - (4! - 3!))^2) + 1)) \\
 292046 &:= (((1 - 2 \times 3!) \times 4) + 5^6) + (7 \times (8! - 9)) = -98 + (76 \times ((5! + 4) \times (32 - 1))) \\
 292047 &:= (((1 + 2) \times 3! + 4) \times (5! - 6)) + (7! + 8! - 9) = (9 + 8! \times 7) + (6 \times (((5! - (4! - 3!)) \times 2) + 1)) \\
 292048 &:= 1 - (2 \times 3! + ((4! + 5) \times (6 \times 7! - 8! + 9))) = 9 + (((8! \times 7)/6!) \times ((5^4) + ((3 + 2)!)) - 1) \\
 292049 &:= (12 \times 3! \times 4!) + (((5^6 - 7!) \times 8) + 9) = 9 + 8! + ((7 \times (6! \times 5 - 4)) \times (3^2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 292050 &:= (1 - (2 \times (3!! + (4 \times ((5 \times (6! + 7) - 8!)))))) + 9 &= 9 - (8 + ((7 - (6! + (5! - 4!))) \times (3!!/2 + 1))) \\
 292051 &:= (1 + (2 \times (3 - ((4! + 5) \times (6 - 7!)))))) + 8 \times 9 &= (9 + ((8! + 7!) \times 6)) + (((5! + (4! - 3))^2 + 1) \\
 292052 &:= 1 - (2 + (3! + ((4! + 5) \times (6 \times 7! - 8! + 9)))) &= (((9 + 8!) \times 7) - 6!) + ((5 + 4!) \times (3!!/2 + 1)) \\
 292053 &:= ((1 + 2^{3!}) \times (4! + (5! + 6))) + (7 \times (8! + 9)) &= (9 + 8! \times 7) - ((6 - 5!) \times (43 \times 2 \times 1)) \\
 292054 &:= (1 + 2)!! - (((3 \times (4 - 5!))/6) \times (7! - (8 + 9))) &= (98/7) \times (((6 + 5!) + ((4! \times 3!)^2)) - 1) \\
 292055 &:= 1 \times (2 - (3! + ((4! + 5) \times (6 \times 7! - 8! + 9)))) &= (9 + 8! \times 7) + ((6 + ((5! - (4! - 3))^2)) - 1) \\
 292056 &:= 1 + (2 - (3! + ((4! + 5) \times (6 \times 7! - 8! + 9)))) &= (9 + 8! \times 7) + (6 + ((5! - (4! - 3))^2 \times 1)) \\
 292057 &:= (1 + (2 \times (3! - ((4! + 5) \times (6 - 7!)))))) + 8 \times 9 &= (9 + 8! \times 7) + (6 + (((5! - (4! - 3))^2 + 1)) \\
 292058 &:= 1 \times 2 - (3 + ((4! + 5) \times (6 \times 7! - 8! + 9))) &= (9 \times ((8! + 7) - 6^5)) - (((4! + 3!)^2 + 1) \\
 292059 &:= (1 + 2)!! - (3!! + ((4! + 5) \times (6 \times 7! - 8! + 9))) &= (9 \times ((8! + 7) - 6^5)) - ((4! + 3!)^2 \times 1) \\
 292060 &:= (1 + ((2 \times (((3 + 4)! - (5! + 6))) + 7 \times 8!)) - 9 &= (9 \times ((8! + 7) - 6^5)) - (((4! + 3!)^2 - 1) \\
 292061 &:= (1 - 2) + (3 - ((4! + 5) \times (6 \times 7! - 8! + 9))) &= -98 + (7 \times (6 + ((5 + 4!) \times (3!! \times 2 - 1)))) \\
 292062 &:= (1 + 2)! - (3 + ((4! + 5) \times (6 \times 7! - 8! + 9))) &= (9 + (87 \times (((6! + 5!) \times 4) - 3))) - (2 + 1)! \\
 292063 &:= ((1 + (2 + 3)!) - (4! - (5 \times 6!))) \times (7 + 8 \times 9) &= ((9 \times 8) + 7) \times (6! \times 5 - (4! - (((3 + 2)!) + 1))) \\
 292064 &:= 1 - (2 - (3! - ((4! + 5) \times (6 \times 7! - 8! + 9)))) &= (9 \times (8! - (7! \times 6/5))) - (4^{3!+2-1}) \\
 292065 &:= (1 + 2) + (3 - ((4! + 5) \times (6 \times 7! - 8! + 9))) &= (9 + (8! + 7!)) - ((6 - 5!) \times (4 + (3 \times (2 + 1)!))) \\
 292066 &:= ((1 + (2 \times (((3 + 4)! - 5!))) - (6 - (7 \times 8!))) - 9 &= 9 + 8 - ((7 - (6! + (5! - 4!))) \times (3!!/2 + 1)) \\
 292067 &:= 1 \times 2 + 3! - ((4! + 5) \times (6 \times 7! - 8! + 9)) &= 9 + ((87 \times (((6! + 5!) \times 4) - 3)) - (2 - 1)) \\
 292068 &:= (1 + 2)! \times (((3 + 4!) \times 5!) + (6 + ((7! + 8) \times 9))) &= (9 \times ((8! - 7) - (6^5 + 4))) - (3^{(2+1)!}) \\
 292069 &:= 1 + (((2 + (3!! \times 45)) - (6 - (7 \times 8))) \times 9) &= 9 + 8! + (((7! - 6) \times 5) + 4) \times (3^2 + 1) \\
 292070 &:= (1 + 2^{3!}) + (45 \times ((6! - (7 - 8)) \times 9)) &= (9 + (87 \times (((6! + 5!) \times 4) - 3))) + (2 \times 1) \\
 292071 &:= 1 \times (2 \times 3! - ((4! + 5) \times (6 \times 7! - 8! + 9))) &= (9 \times ((8! + 7) - 6^5)) - (4! \times (3!^2 + 1)) \\
 292072 &:= ((1 + ((2^{3!} + 4!) \times 5!)) - (6! - (7 \times 8!))) - 9 &= 9 + (8! \times 7 + (6^5 + (4^{3!}/2 - 1))) \\
 292073 &:= 1 \times ((2 \times (3! - ((4! + 5) \times (6 - 7!)))) + 89) &= ((9 + 8! \times 7) + (6^5 + (4^{3!}/2))) \times 1 \\
 292074 &:= (((1 + 2)!)! \times (3^4 \times 5)) + (6 \times (7 + 8 \times 9)) &= ((9 + 8! \times 7) + (6^5 + (4^{3!}/2))) + 1 \\
 292075 &:= (((1 - 2 \times 3!!) \times (4! + 5)) + 6) \times 7 \times (8 - 9) &= ((9 \times ((8! - 7) - (6^5 + 4))) - (3!! + 2)) \times 1 \\
 292076 &:= (1 + (((2 + 3)!) + (45 + 6!)) \times 7) + 8!/9 &= 9 - (8 + (7 \times (6 - ((5 + 4!) \times (3!! \times 2 - 1)))) \\
 292077 &:= (((1 + 2)!)! \times (3 + 4!)) + ((5 + (6 \times (7! + 8))) \times 9) &= ((9 + 8) \times (7 + (6! + (5 \times 4)))) \times ((3! - 2)! - 1) \\
 292078 &:= (1 + ((2 \times (((3 + 4)! - (5! + 6))) + 7 \times 8!)) + 9 &= ((9 \times ((8! - 7) - (6^5 + 4))) - (3!! - 2)) - 1 \\
 292079 &:= ((1 + 2)!!/3) - (((4! \times (5 - 6!)) - 7) \times (8 + 9)) &= (9 \times (8!/7)) - (((6! - 5) \times (4! - 3!!/2)) + 1) \\
 292080 &:= (1 + 2) \times (((3! - (4 - 5!)) \times 6!) + (7! + 8!/9)) &= ((9 + (8 \times (7 + (6!/5)))) \times 4!) \times (3^2 + 1) \\
 292081 &:= (((1 + 2)!^{3+4}) - 5) + ((6! + 7!/8) \times 9) &= (9 \times (8!/7)) - (((6! - 5) \times (4! - 3!!/2)) - 1) \\
 292082 &:= (1 \times 2 + (3 \times (4! + 5!))) \times (6! - ((7 \times 8) - 9)) &= ((9 - (8 \times 7)) + 6!) \times (((5! + 4!) \times 3) + 2 \times 1) \\
 292083 &:= 1 \times ((2 \times (((3 + 4)! - 5!)) - (6 - (7 \times 8! + 9))) &= (9 - ((8 \times 7) \times (6 - (5! \times 4)))) \times ((3! \times 2) - 1) \\
 292084 &:= (1 + ((2 \times (((3 + 4)! - (5! - 6))) + 7 \times 8!)) - 9 &= ((9 + 8! \times 7) - 6) - (((5! - ((4 + 3)!) \times 2) - 1) \\
 292085 &:= 1 - (2 - (3! \times (((4! - (5! - 6!)) \times 78) + 9))) &= ((((-9 - 8) \times 7) + 6!) \times ((5! \times 4) + 3!)) - 2 + 1 \\
 292086 &:= (1 + 2)!! - ((3! + ((4 \times (5 + 6!)) + 7! - 8!)) \times 9) &= (9 \times (((8 - 7) + 6!) - 5!) \times (4! + 3!)) \times 2 \times 1 \\
 292087 &:= (((1 + 2)!^{3!}) + 4! \times 5!) \times 6 - (7! + 89) &= (9 \times ((8! - 7) - 6^5)) - (4! + 3!!) - 2 \times 1 \\
 292088 &:= 1 \times 2 - (3^4 \times (5! - (6 \times (7!/8 - 9)))) &= 9 + 8! - (((((7 - 6!) \times 5!) - (4!/3!)) \times 2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 292089 &:= 1 \times (((2^{3!} + 4!) \times 5!) - (6! - (7 \times 8! + 9))) &= 9 + 8! + (((7 \times (6! \times 5)) - 4!) \times (3^2 + 1)) \\
 292090 &:= ((1 + ((2^{3!} + 4!) \times 5!)) - (6! - (7 \times 8!))) + 9 &= 9 + 8! - (((((7 - 6!) \times 5!) - (4!/3!)) \times 2) - 1) \\
 292091 &:= (((1 + 2!)^{3+4}) + 5) + ((6! + 7!/8) \times 9) &= ((9 \times ((8! - 7) - 6^5)) - (4! + 3!)) + (2 \times 1) \\
 292092 &:= 1 \times (2 \times (((3!! \times (4! + 5)) - 6) \times 7) - 8 \times 9) &= 9 + (8 - (7 \times (6 - ((5 + 4!) \times (3!! \times 2 - 1)))))) \\
 292093 &:= 1 + (2 \times (((3!! \times (4! + 5)) - 6) \times 7) - 8 \times 9) &= ((9 + 8) \times (((7 - 6) + 5!) \times ((4! \times 3!) - 2))) - 1 \\
 292094 &:= 1 - (2 - ((3^4 \times (5 \times 6! + 7)) - 8 \times 9)) &= ((9 + (8! + 7!)) \times 6) + (((5! + (4! - 3))^2) - 1) \\
 292095 &:= ((1 + 2!)! + ((3 \times (4! \times (5! + 6))) + (7 \times (8! + 9)))) &= ((9 + (8! + 7!)) \times 6) + ((5! + (4! - 3))^2 \times 1) \\
 292096 &:= (1 + (2 \times (3!^4 + 5 \times 6!))) + (7 \times (8! + 9)) &= ((9 + (8! + 7!)) \times 6) + (((5! + (4! - 3))^2) + 1) \\
 292097 &:= (1 + ((2^{3!} \times 4! \times 5) + 6^7)) + 8!/9 &= ((9 + 8!) \times 7) - (6 - (((5! - (4! - 3))^2) - 1)) \\
 292098 &:= 1 + ((2 + (3^4 \times (5 \times 6! + 7))) - 8 \times 9) &= (((9 + 8!) \times 7) - 6) + ((5! - (4! - 3))^2) \times 1 \\
 292099 &:= ((-12 \times (3 - 4^5)) + 6^7) - 89 &= ((9 + 8!) \times 7) - (6 - (((5! - (4! - 3))^2) + 1)) \\
 292100 &:= (((1 - 2 \times 3!!) \times 4) + 5^6) + (7 \times 8! - 9) &= (9 + 8! \times 7) + (((6 - (5! - ((4 + 3)!)) \times 2) - 1) \\
 292101 &:= ((1 + 2^{3!} \times 4!) \times 5) + (6^7 + 8!/9) &= ((9 + 8!) \times 7) + (6 \times (((5! - (4! - 3!)) \times 2) + 1)) \\
 292102 &:= (1 + ((2 \times ((3 + 4)! - (5! - 6))) + 7 \times 8!)) + 9 &= (9 \times (((8!/7 + 6!) \times 5) - 4!)) + (3!! - (2 \times 1)) \\
 292103 &:= ((1 - 2) + (3^4 \times (5 \times 6!))) + (7 \times 8 \times 9) &= ((9 + 8!) \times 7) + (((6 + 5!) - (4! + 3))^2) - 1 \\
 292104 &:= (1 \times 2 + (3 \times ((4! - 5) \times (6 + 7!)))) + 8!/9 &= ((9 + 8!) \times 7) + (((6 + 5!) - (4! + 3))^2 \times 1) \\
 292105 &:= ((1 + 2) + (3 \times ((4! - 5) \times (6 + 7!)))) + 8!/9 &= ((9 + 8!) \times 7) + (((6 + 5!) - (4! + 3))^2) + 1 \\
 292106 &:= (1 \times 2 + (3^4 \times (5 \times 6!))) + (7 \times 8 \times 9) &= (9 \times (((8!/7 + 6!) \times 5) - 4!)) + (3!! + 2 \times 1) \\
 292107 &:= ((1 + 2) + (3^4 \times (5 \times 6!))) + (7 \times 8 \times 9) &= (((9 + 8 \times 7) \times 6) \times (5 + (4! + 3!))) - 2) - 1 \\
 292108 &:= ((1 + 2)! + (3 \times ((4! - 5) \times (6 + 7!)))) + 8!/9 &= (((9 + 8 \times 7) \times 6) \times (5 + (4! + 3!))) - 2) \times 1 \\
 292109 &:= 1 - (2 - (3! + ((45 \times 6!) + 7 \times 8) \times 9)) &= ((9 + 8!) \times 7) + ((6 + ((5! - (4! - 3))^2)) - 1) \\
 292110 &:= ((1 - (2 \times (3!! - 4!))) \times (5 \times 6 \times 7)) \times (8 - 9) &= ((9 + 8!) \times 7) + (6 + ((5! - (4! - 3))^2 \times 1)) \\
 292111 &:= ((1 + 2) \times (3 + ((4! - 5) \times (6 + 7!)))) + 8!/9 &= ((9 + 8!) \times 7) + (6 + (((5! - (4! - 3))^2) + 1)) \\
 292112 &:= 1 \times 2 - ((3!! + 4! + 5) \times (6 \times (7 - 8 \times 9))) &= (9 \times (8 + (7! \times 6))) + (((5! + (4! - 3))^2) - 1) \\
 292113 &:= 1 - (2 \times (3!! + (4 \times ((5 \times (6! + 7)) - 8! - 9)))) &= (9 \times (8 + (7! \times 6))) + ((5! + (4! - 3))^2 \times 1) \\
 292114 &:= (1 + ((2^{3!} \times (4! + 5!)) + 6!)) + (7 \times (8! - 9)) &= (9 \times (8 + (7! \times 6))) + (((5! + (4! - 3))^2) + 1) \\
 292115 &:= ((1 - (2 \times (3!! \times 4))) + (5^6 + 7 \times 8!)) + 9 &= ((9 \times ((8! - 7) - 6^5)) + (4 - 3!)) - 2 \times 1 \\
 292116 &:= (1 + 2)! - ((3!! + 4! + 5) \times (6 \times (7 - 8 \times 9))) &= ((9 \times ((8! - 7) - 6^5)) + (4 - 3!)) - (2 - 1) \\
 292117 &:= (1 - 2 \times 3!!) \times (4! - ((5 \times 6 \times 7) + 8 + 9)) &= (9 - 8) \times ((7!/6!) \times ((5 + 4!) \times (3!! \times 2 - 1))) \\
 292118 &:= (((1 - 2 \times 3!!) \times 4) + 5^6) + (7 \times 8! + 9) &= 9 + (((8! + ((7 \times 6! - 5) \times (4! - 3))) \times 2) - 1) \\
 292119 &:= ((1 + ((2^{3!} \times 4!) + 5!)) \times 6) + (7 \times (8! - 9)) &= ((9 \times ((8! - 7) - 6^5)) + (4 - 3!)) + (2 \times 1) \\
 292120 &:= ((1 + 2) \times (3! + ((4! - 5) \times (6 + 7!)))) + 8!/9 &= 9 + ((8! \times 7 + (((6! + 5!) + 4^{3!}) \times 2)) - 1) \\
 292121 &:= (((12 \times ((3 + 4)!)/5) + 6^7) + 89 &= ((9 + 8! \times 7) + (((6! + 5!) + 4^{3!}) \times 2)) \times 1 \\
 292122 &:= 1 \times 2 \times (3 - (((4! + 5) \times (6 - 7!)) - 8 \times 9)) &= ((9 + 8! \times 7) + (((6! + 5!) + 4^{3!}) \times 2)) + 1 \\
 292123 &:= 1 \times ((2^{3!} - ((4! + 5) \times (6 \times 7! - 8! + 9))) &= ((9 \times ((8! - 7) - 6^5)) + (4 - 3!)) + (2 + 1)! \\
 292124 &:= (1 + 2^{3!}) - ((4! + 5) \times (6 \times 7! - 8! + 9)) &= -9 + (((87 + (6 \times 5!)) \times ((4 + 3!)/2)) - 1) \\
 292125 &:= (1 - ((2 + 3)! - 4!)) \times (5 \times (6 - (7!/8 - 9))) &= (9 + (8!/(7!/6))) \times (5 \times ((4^{3+2}) + 1)) \\
 292126 &:= 1 - (((2 + 3)! \times 4) - 5) \times (6 - (7!/8 - 9)) &= (((9 + 8!) \times 7) + (6^5)) + (4^{3!}/2 - 1)
 \end{aligned}$$

$$\begin{aligned}
 292127 &:= 1 - (2 - ((3!! - 4) \times (((5 + 6 - 7)!) \times (8 + 9)))) &= (((9 + 8!) \times 7) + (6^5)) + (4^{3!} / 2 \times 1) \\
 292128 &:= ((1 \times 2 + 3!!) \times (4! + 5!)) + ((6 \times 7) \times (8! / 9)) &= (((9 + 8!) \times 7) + (6^5)) + (4^{3!} / 2 + 1) \\
 292129 &:= (1 - (((2^{3!}) - (4 \times 5!)) \times (6! - 7))) - 8! / 9 &= ((9 + 8! \times 7) - ((6! - (5 \times 4^{3!})) / 2)) \times 1 \\
 292130 &:= 1 \times (2 + ((3!! - 4) \times (((5 + 6 - 7)!) \times (8 + 9)))) &= 9 + ((8! \times 7) - (((6! - (5 \times 4^{3!})) / 2) - 1)) \\
 292131 &:= (((1 + 2)!)! \times (3^4 \times 5)) - (((6! - 7!) / 8) + 9) &= (9 \times (8 \times 7! - (6^5 + 4))) - (3^{(2+1)!}) \\
 292132 &:= ((1 + (2 \times ((3 + 4)!!)) - (5! + 6)) + (7 \times (8! - 9))) &= ((9 + 8!) \times 7) - (((6 + 5!) - ((4 + 3)!) \times 2) - 1) \\
 292133 &:= 1 \times (2 + (((3!! \times 45) + (67 - 8)) \times 9)) &= ((9 + 8! - 7!) \times 6) - (((5! - (4! / 3)!) \times 2) + 1) \\
 292134 &:= ((1 + 2) \times (((3 + 4!) \times (5 \times 6! + 7)) - 8)) - 9 &= 9 + (8 + ((7! / 6!) \times ((5 + 4!) \times (3!! \times 2 - 1)))) \\
 292135 &:= 1 - (2 \times (((3 - ((4! + 5) \times 6!)) \times 7) + 8 \times 9)) &= ((9 + 8! - 7!) \times 6) - (((5! - (4! / 3)!) \times 2) - 1) \\
 292136 &:= 1 \times (((2 \times 3! \times 4!) + 5!) \times (6! + 7)) - 8! / 9 &= ((9 \times ((8! - 7) - 6^5)) + (4! - (3!! + 2))) + 1 \\
 292137 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times (6! + 7))) - 8! / 9 &= (9 \times (8 + ((7! - 6) \times 5))) + ((4^{3!+2}) - 1) \\
 292138 &:= ((1 + 2)!! - (3 \times ((4! - 5) \times (6 - 7!)))) + 8! / 9 &= ((9 \times ((8! - 7) - 6^5)) + (4! - (3!! - 2))) - 1 \\
 292139 &:= 1 - (2 \times (3! + (((4! + 5) \times (6 - 7!)) - 89))) &= (9 \times (8! - (7! + ((6! - 5) \times 4)))) + (3!! / 2 - 1) \\
 292140 &:= ((1 + 2)! + ((3 + 4!) \times 5!)) \times (6! / (7 - 8 + 9)) &= ((9 \times ((8! - 7) - 6^5)) + (4! - (3!! - 2))) + 1 \\
 292141 &:= 1 - ((2 - ((3!! \times 45) + (6 + 7 \times 8))) \times 9) &= (9 \times (8! - (7! + ((6! - 5) \times 4)))) + (3!! / 2 + 1) \\
 292142 &:= (1 \times 2 + 3!!) - (((4 \times (5 + 6!)) + 7! - 8!) \times 9) &= (9 \times (8 \times 7! - (6^5 + 4))) - (3!! - (2 \times 1)) \\
 292143 &:= ((1 + 2) + 3!!) - (((4 \times (5 + 6!)) + 7! - 8!) \times 9) &= (((9 + 8!) \times 7) - (6! \times 5)) + ((4! / 3) / (2 + 1)) \\
 292144 &:= ((1 + ((2^{3!} + 4!) \times 5!)) - 6!) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7! / 6!) - (((5! - ((4 + 3)!) \times 2) - 1) \\
 292145 &:= ((1 - (2 + 34)) \times (5 + 6!)) - ((7! - 8!) \times 9) &= ((9 + 8) \times 7) \times (6! - (5 \times ((4! - 3!!) / 2) + 1)) \\
 292146 &:= ((1 + 2)! + 3!!) - (((4 \times (5 + 6!)) + 7! - 8!) \times 9) &= ((9 \times ((8! - 7) - (6^5 - 4))) - (3!! + 2)) - 1 \\
 292147 &:= 1 + (2 \times (((3!! - 4) \times (5! + (6 + 78))) + 9)) &= ((9 \times ((8! - 7) - (6^5 - 4))) - (3!! + 2)) \times 1 \\
 292148 &:= 1 + ((2 \times (((3!! \times (4! + 5)) - 6) \times 7)) - 89) &= ((9 \times ((8! - 7) - (6^5 - 4))) - (3!! + 2)) + 1 \\
 292149 &:= (((1 + 2)!)! \times (3^4 \times 5)) - (((6! - 7!) / 8) - 9) &= (9 + (((8! / 7) - 6! / 5) \times 4)) \times (3! \times 2 + 1) \\
 292150 &:= (1 + ((2 \times (((3 + 4)!) - 5!)) + 6)) + (7 \times (8! + 9)) &= ((9 \times (8 \times 7! - 6^5)) - (4! + 3!!)) - 2 \times 1 \\
 292151 &:= 1 \times (((2^{3!} + 4!) \times (5 \times (6! - (7 \times 8)))) - 9) &= ((9 \times ((8! - 7) - (6^5 - 4))) - 3!!) + (2 \times 1) \\
 292152 &:= (1 + ((2^{3!} + 4!) \times (5 \times (6! - (7 \times 8)))) - 9) &= (9 + (8 \times 7! / (6 + 5!))) \times (4! \times (3!^2 + 1)) \\
 292153 &:= (1 + ((2 \times 3!) \times 4^5)) + (6^7 - 8 \times 9) &= ((9 \times (8 \times 7! - 6^5)) - (4! + (3!! - 2))) - 1 \\
 292154 &:= (((1 + 2)!)! \times (3^4 \times 5)) - (6 - 7!) - 8! / 9 &= ((9 \times (8 \times 7! - 6^5)) - (4! + (3!! - 2))) \times 1 \\
 292155 &:= (1 \times 2 \times (((3 + 4)!) - (5! - 6))) + (7 \times (8! + 9)) &= ((9 \times (8 \times 7! - 6^5)) - (4! + (3!! - 2))) + 1 \\
 292156 &:= (((1 + 2)! + (3^4 \times (5 \times 6! + 7))) - 8) - 9 &= ((9 + 8!) \times 7) + (((6 - (5! - ((4 + 3)!) \times 2) + 1) \\
 292157 &:= 1 - (2 - (((3!! \times 45) + (6 + 7 \times 8)) \times 9)) &= (((98 + ((7! - 6) \times (5 + 4!))) - 3!) \times 2) + 1 \\
 292158 &:= (((1 + 2)!)! \times (3^4 \times 5)) + ((6 + 7 \times 8) \times 9) &= ((9 \times (8 \times 7! - 6^5)) - (4! + 3!!)) + (2 + 1)! \\
 292159 &:= 1 - (2 - ((3^4 \times (5 \times 6!)) + (7! - 8! / 9))) &= (9 - 8) \times (7 \times (6 + ((5 + 4!) \times (3!! \times 2 - 1)))) \\
 292160 &:= (1 - 2 \times 3!) \times ((4! \times (5! + (6 \times 7! - 8!))) / 9) &= 9 - 8 + (7 \times (6 + ((5 + 4!) \times (3!! \times 2 - 1)))) \\
 292161 &:= 1 - (2^{3!} \times ((4 \times 5!) - (6 + (7! + (8 - 9)))) &= (((9 + 8! \times 7) + (6^5)) - 4!) + (3 \times (2 + 1)!!) \\
 292162 &:= (1 \times 2 + ((3^4 \times (5 \times 6!)) + 7!)) - 8! / 9 &= ((98 + ((7! - 6) \times (5 + 4!))) - 3) \times 2 \times 1 \\
 292163 &:= ((1 + 2) + ((3^4 \times (5 \times 6!)) + 7!)) - 8! / 9 &= ((9 \times (8 \times 7! - 6^5)) - 4) - (3^{(2+1)!}) \\
 292164 &:= 1 \times 2 \times (3 - ((4! - (5^6 + 7! / 8)) \times 9)) &= ((9 + 8 - 7! / 6) \times (5! / 4! - 3!! / 2)) - 1
 \end{aligned}$$

$$\begin{aligned}
 292165 &:= 1 + ((2 \times (((3! \times (4! + 5)) - 6) \times 7)) - 8 \times 9) &= ((9 + 8 - 7!/6) \times (5!/4! - 3!/2)) \times 1 \\
 292166 &:= 1 - (2 - (3^4 \times (5 \times 6! - (7 \times (8 - 9)))) &= ((9 + 8 - 7!/6) \times (5!/4! - 3!/2)) + 1 \\
 292167 &:= ((1 - 2) + (3^4 \times (5 \times 6! + 7))) - (8 - 9) &= (((9 + 8!) \times 7) + (6^5)) - ((4! - 3!) \times (2 + 1)) \\
 292168 &:= (1 + ((2^{3!} \times (4! + 5!)) + 6!)) + (7 \times 8! - 9) &= (9 + 8! \times 7) + (((6! \times (5! + 4))/(3^2)) - 1) \\
 292169 &:= 1 - ((2 \times (3! \times 4)) - (5^6 + (7 \times (8! + 9)))) &= 9 - (((8 \times 7) - (6 \times 5!)) \times (((4! - 3!)^2) - 1)) \\
 292170 &:= 1 \times 2 \times (3! - ((4! - (5^6 + 7!/8)) \times 9)) &= (9 + 8! \times 7) + (((6! \times (5! + 4))/(3^2)) + 1) \\
 292171 &:= ((1 - (2 \times (3! - ((4! + 5) \times 6!)))) \times 7) - 8 \times 9 &= ((9 \times (8 \times 7! - 6^5)) - (4 + 3!)) - (2 - 1) \\
 292172 &:= (((1 - 2 \times 3!) \times 4) + 5^6) + (7 \times (8! + 9)) &= ((9 \times (8 \times 7! - 6^5)) - (4 + 3!)) \times (2 - 1) \\
 292173 &:= (((1 + ((2^{3!} \times 4!) + 5!)) \times 6) + 7 \times 8!) - 9 &= ((9 \times (8 \times 7! - 6^5)) - 4) - (3! - (2 - 1)) \\
 292174 &:= (((1 + 2)! + (3^4 \times (5 \times 6! + 7))) - 8) + 9 &= ((9 + 8!) \times 7) + (((6! + 5!) + 4^{3!}) \times 2) - 1) \\
 292175 &:= 1 - (2 + (3! + (((4! \times (5! - 6)) + 7! - 8!) \times 9))) &= (9 \times (((8!/7 + 6!) \times 5) + 4!)) + (3!/2 - 1) \\
 292176 &:= (((1 + 2)!^{3!}) + 4! \times 5!) \times 6 - ((7! + 8!)/9) &= ((9 + 8!) \times 7) + (((6! + 5!) + 4^{3!}) \times 2) + 1) \\
 292177 &:= (((1 + 2)!^{3!}) + 4! \times 5!) \times 6 - (7! + (8 - 9)) &= (9 \times (((8!/7 + 6!) \times 5) + 4!)) + (3!/2 + 1) \\
 292178 &:= 1 \times (2 \times ((3! + 4)^5 + (6! + (7! + 8! + 9)))) &= ((9 \times (8 \times 7! - 6^5)) + (4 - (3! + 2))) \times 1 \\
 292179 &:= 1 + (2 \times ((3! + 4)^5 + (6! + (7! + 8! + 9)))) &= ((9 \times (8 \times 7! - 6^5)) + (4 - (3! + 2))) + 1 \\
 292180 &:= (1 + (2 + 3!)) - ((4! + 5) \times (6 \times 7! - 8! + 9)) &= (9 \times (8! - 7!)) - (((6 \times 5!) + 4) \times (3!^2 - 1)) \\
 292181 &:= 1 - ((2 - (((3! \times 4!)/5) + 6!)) \times (7!/(8 \times 9))) &= ((9 \times (8 \times 7! - 6^5)) + 4) - (3! - (2 - 1)) \\
 292182 &:= 1 \times ((2 \times ((3^4 + 5!) \times (6! + 7))) - 8 \times 9) &= ((9 + 8!) \times 7) - (((6! - (5 \times 4^{3!}))/2) + 1) \\
 292183 &:= (1 + (2 \times ((3^4 + 5!) \times (6! + 7)))) - 8 \times 9 &= ((9 + 8!) \times 7) - ((6! - (5 \times 4^{3!}))/2 \times 1) \\
 292184 &:= 1 - (2 - (3! + (((45 \times 6!) - (7 + 8)) \times 9))) &= ((9 + 8!) \times 7) - (((6! - (5 \times 4^{3!}))/2) - 1) \\
 292185 &:= (1 - (2 \times (3 - 4!))) \times (5 \times (6! + (7!/8 + 9))) &= (9 + 8! \times 7) - (6!/5 - (((4 + 3)!) \times 2 \times 1)) \\
 292186 &:= (1 + ((2^{3!} \times (4! + 5!)) + 6!)) + (7 \times 8! + 9) &= (9 + 8! \times 7) + (6! + (((5! - (4 \times 3!))^2) + 1)) \\
 292187 &:= ((1 + 2) + ((3^4 \times (5 \times 6! + 7)) + 8)) + 9 &= (9 \times (8! - (7! - (65 - (4 \times 3!)))) + (2 \times 1) \\
 292188 &:= 1 \times (2 \times (3! + (((4! + 5) \times 6! \times 7) - 8 \times 9))) &= (9 \times (8! - 7!)) - (((6 + 5!) + 4^{3!}) \times (2 + 1)!) \\
 292189 &:= 1 + (2 \times (3! + (((4! + 5) \times 6! \times 7) - 8 \times 9))) &= 9 \times 8 - ((7 - ((6! + 5!)/4)) \times (3! \times 2 - 1)) \\
 292190 &:= ((1 + 2)! + ((3^4 \times (5 \times 6! + 7)) + 8)) + 9 &= (9 \times ((8! + 7) - 6^5)) - ((4! \times 32) + 1) \\
 292191 &:= (((1 + ((2^{3!} \times 4!) + 5!)) \times 6) + 7 \times 8!) + 9 &= ((9 \times (8 \times 7! - 6^5)) + 4!) - (3^{(2+1)!}) \\
 292192 &:= 1 \times 2 \times ((3 + ((4! + 5) \times ((6 + 7!) - 8))) - 9) &= ((9 + 8!) \times 7) + ((6 + 5) \times (((4! + 3!)^2) - 1)) \\
 292193 &:= 1 - (2 \times (3! + (4 \times (5 \times 6! + (7 - 8! + 9)))) &= 9 + 8 - (7! - (6 \times (5! \times 4! + (3!^{(2+1)!})))) \\
 292194 &:= (1 - 2^{3!}) \times ((4 \times 5!) - (6 + (7! + 8 \times 9))) &= (9 \times (8! - 7!) - 6) - (5 \times (4! + ((3! + (2 - 1))))!) \\
 292195 &:= (((1 \times 23)^4) - 5) + ((6! + 7) \times (8 + 9)) &= (9 \times (8! - (7! \times 6))) - (5 \times (4! - ((3! + 2)! - 1))) \\
 292196 &:= 1 - (((2 - ((3 + 4)!) \times (5! - (6 + 7 \times 8))) + 9) &= ((9 \times ((8! + 7) - 6^5)) - 43) - ((2 + 1)!!) \\
 292197 &:= (1 + 2)!! - (3 + (4! \times (5 - ((6! + 7!/8) \times 9)))) &= ((9 \times (8 \times 7! - 6^5)) + (4! - 3!)) - (2 + 1) \\
 292198 &:= 1 \times (2 \times (3! + (((4! + 5) \times ((6 + 7!) - 8)) - 9))) &= ((9 \times (8 \times 7! - 6^5)) + (4! - 3!)) - 2 \times 1 \\
 292199 &:= 1 - (2 - (3! - (4! \times (5 - ((6! + 7!/8) \times 9)))) &= (((9 + 8!/7!) \times 6!) - 5) \times 4! - (3! \times 2 + 1) \\
 292200 &:= 12 \times (3! + (4! + ((5 \times (6! + 7!)) - 8!/9))) &= (9 \times (8! - 7!)) + (6! - (5! \times ((4! \times (3^2)) + 1))) \\
 292201 &:= (1 + (((2 + 3!)! - 4!) \times 5)) - ((6 \times 7! - 8!) \times 9) &= (((9 + 8!/7!) \times 6!) - 5) \times 4! - (3! \times 2 - 1) \\
 292202 &:= (1 + (2 \times (3 + ((4! + 5) \times ((6 + 7!) - 8)))) - 9 &= 9 - (((((8 - (7! + 6)) \times (5 + 4!)) + 3!) \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 292203 &:= ((1 + 2) + 3!) - (4! \times (5 - ((6! + 7!/8) \times 9))) &= ((9 + 8!) \times 7) + ((6 + 5) \times ((4! + 3!)^2 \times 1)) \\
 292204 &:= 1 - (((2 - 3^4) \times (5! + 6)) - (7 \times 8! + 9)) &= (9 \times ((8! + 7) - (6^5 + 4))) - (3!! - (2 - 1)) \\
 292205 &:= (((1 + (2 + 3!))! - 4!) \times 5) - ((6 \times 7! - 8!) \times 9) &= (9 \times (8! - (7! \times 6))) - (5 \times (4! - ((3! + 2)! + 1))) \\
 292206 &:= 1 \times (((2 \times (3! \times (4! + 5))) - 6) \times 7) - 8 \times 9 &= ((9 \times (8! - 7!)) + 6) - (5 \times (4! + ((3! + (2 - 1))!))) \\
 292207 &:= 1 + (((2 \times (3! \times (4! + 5))) - 6) \times 7) - 8 \times 9 &= 9 - (8 - (7! - ((6 - 5!) \times (((4 + 3)!/2) - 1))) \\
 292208 &:= (1 + (2 \times (3! + ((4! + 5) \times ((6 + 7!) - 8)))) - 9 &= ((9 + ((8! + 7!) \times 6)) - 5!) + (((4!/3)/2) - 1) \\
 292209 &:= 1 \times (((2^{3!} + 4!) \times (5! - 6)) + (7 \times (8! - 9))) &= ((9 + ((8! - 7!) \times 6)) - 5!) + ((4!/3)! \times 2 \times 1) \\
 292210 &:= 1 + (((2^{3!} + 4!) \times (5! - 6)) + (7 \times (8! - 9))) &= ((9 + ((8! + 7!) \times 6)) - 5!) + (((4!/3)!/2) + 1) \\
 292211 &:= 1 \times ((2 \times (((3!! \times (4! + 5)) - 6) \times 7) - 8)) - 9 &= (9 \times (8! - 7!)) - ((6 \times (5! + (4^{3!} + 2))) + 1) \\
 292212 &:= 1 + ((2 \times (((3!! \times (4! + 5)) - 6) \times 7) - 8)) - 9 &= (9 \times (8! - 7!)) - (6 \times (5! + (4^{3!} + 2 \times 1))) \\
 292213 &:= ((1 + (2^{3 \times 4})) \times 5) + (6 \times ((7! - 8) \times 9)) &= (9 \times (8! - 7!)) - ((6 \times (5! + (4^{3!} + 2))) - 1) \\
 292214 &:= 1 - (((2 - ((3 + 4)!)) \times (5! - (6 + 7 \times 8))) - 9) &= (9 \times (8 \times 7! - (6^5 - 4))) - (3!! - (2 \times 1)) \\
 292215 &:= (1 + (2 \times (3 + 4!))) \times (5! + (6! - (7 - 8!/9))) &= (9 + (8! + (7! - (6! \times 5 + 4!)))) \times (3! + (2 - 1)) \\
 292216 &:= 1 - (((2 + 3!) \times (((4 \times 5!) - 6 - 7!) \times 8)) + 9) &= ((9 \times ((8! + 7) - 6^5)) - (4! + (3!! - 2))) - 1 \\
 292217 &:= 1 - (2 \times (3 - (((4! + 5) \times ((6 + 7!) - 8)) + 9))) &= ((9 \times ((8! + 7) - 6^5)) - (4! + (3!! - 2))) \times 1 \\
 292218 &:= 1 \times (2 \times (((3 + ((4! + 5) \times 6!)) \times 7) - 8 \times 9)) &= 9 - (((((8 - (7! + 6)) \times (5 + 4!)) - 3) \times 2) + 1) \\
 292219 &:= (1 \times 2 \times (3 + ((4! + 5) \times ((6 + 7!) - 8)))) + 9 &= 9 - (((((8 - (7! + 6)) \times (5 + 4!)) - 3) \times 2 \times 1) \\
 292220 &:= (1 + (2 \times (3 + ((4! + 5) \times ((6 + 7!) - 8)))) + 9 &= ((9 + 8! - (7! \times 6)) \times (5 + 4!)) - (3!!/2 + 1) \\
 292221 &:= (((1 + 2)^{3!+4}) \times 5) - (6 \times 7 \times 8 \times 9) &= ((9 + 8! - (7! \times 6)) \times (5 + 4!)) - (3!!/2 \times 1) \\
 292222 &:= (((1 + 2)! \times (3!^4 + 5)) + 6^7) + 8!/9 &= (((9 + 8!) \times 7) + ((6! \times (5! + 4))/(3^2))) - 1 \\
 292223 &:= (1 \times 2 + (3^4 \times (5 \times 6!))) + (7!/8 - 9) &= (((9 + 8!) \times 7) + ((6! \times (5! + 4))/(3^2))) \times 1 \\
 292224 &:= (1 + ((2 \times 3!) \times 4^5)) + (6^7 + (8 - 9)) &= (9 - ((8 - 7!) \times 6)) - (5! - ((4^{3^2}) - 1)) \\
 292225 &:= (1 - (((2^{3 \times 4}) + 5!) \times 6)) - ((7! - 8!) \times 9) &= (9 - (((((8 - (7! + 6)) \times (5 + 4!)) - 3!) \times 2)) \times 1) \\
 292226 &:= (((1 - (2 \times (3! - ((4! + 5) \times 6!)))) \times 7) - 8) - 9 &= (9 - ((8 - 7!) \times 6)) - (5! - ((4^{3^2}) + 1)) \\
 292227 &:= ((1 + 2)! + (3^4 \times (5 \times 6!))) + (7!/8 - 9) &= (9 \times (8! - 7!)) - ((6 \times (5! + 4^{3!})) - 2 - 1) \\
 292228 &:= 1 \times (2 \times (3 + (((4! + 5) \times ((6 + 7!) - 8)) + 9))) &= 9 - (((8 + (7 \times (6 - ((5 + 4!) \times 3!)))) \times 2) + 1) \\
 292229 &:= 1 \times ((2 \times (((3^4 + 5!) \times (6! + 7)) - 8)) - 9) &= 9 - ((8 + (7 \times (6 - ((5 + 4!) \times 3!)))) \times 2 \times 1) \\
 292230 &:= 1 + ((2 \times (((3^4 + 5!) \times (6! + 7)) - 8)) - 9) &= 9 - (8 + (7 \times (((6 - ((5 + 4!) \times 3!)) \times 2) + 1))) \\
 292231 &:= ((1 - (2 \times (3! + 4!))) \times (5 + 6 - 7!)) - 8!/9 &= 9 \times 8 + (7 \times (6 + ((5 + 4!) \times (3!! \times 2 - 1)))) \\
 292232 &:= (1 - (2 \times (((3 + 4)! - (5 \times (6 \times 7! - 8)))) - 9) &= 9 - (((8 - (7!/6 \times (5 + 4!))) \times 3! \times 2) + 1) \\
 292233 &:= (((1 + 2)! \times (3^4 \times 5)) - 6) + (7!/8 + 9) &= (9 \times ((8! - 7) - 6^5)) - (4! \times ((3! - 2)! + 1)) \\
 292234 &:= (1 - ((2 + 3!) \times (((4 \times 5!) - 6 - 7!) \times 8))) + 9 &= 9 - (((8 - (7!/6 \times (5 + 4!))) \times 3! \times 2) - 1) \\
 292235 &:= 1 + (2 \times (((3!! \times (4! + 5)) - 6) \times 7) + (8 - 9))) &= (9 \times (8! - 7!)) - ((6 \times ((5! + 4^{3!}) - 2)) + 1) \\
 292236 &:= (1 - (2 \times ((3! - ((4! + 5) \times 6!)) \times 7))) + (8 - 9) &= 9 - (8 + ((7 \times ((6 - ((5 + 4!) \times 3!)) \times 2) + 1)) \\
 292237 &:= (1 - (2 \times (3! - ((4! + 5) \times 6! \times 7)))) - 8 \times 9 &= (9 \times (8! - 7!)) - ((6 \times ((5! + 4^{3!}) - 2)) - 1) \\
 292238 &:= ((1 + (2 \times ((3^4 + 5!) \times (6! + 7)))) - 8) - 9 &= 9 - ((8 + (7 \times ((6 - ((5 + 4!) \times 3!)) \times 2))) - 1) \\
 292239 &:= 1 + (2 \times (((3!! \times (4! + 5)) - 6) \times 7) - 8 + 9)) &= ((9 + 8 \times 7) \times ((6 \times (5 + (4! + 3!)))) + 2) - 1 \\
 292240 &:= (1 + ((2^{3!} \times (4! + 5!)) + 6!)) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + (6! + (((5! - (4 \times 3!))^2) + 1))
 \end{aligned}$$

$$\begin{aligned}
 292241 &:= (1 \times 2 + (3^4 \times (5 \times 6!))) + (7!/8 + 9) &= ((9 + 8 \times 7) \times ((6 \times (5 + (4! + 3!))) + 2)) + 1 \\
 292242 &:= (1 + (2 \times ((3!! \times 4! - (5 - 6!)) \times 7))) + (8! - 9) &= ((9 \times ((8! + 7) - 6^5)) + 4) - (3!! + (2 - 1)) \\
 292243 &:= 1 - ((2 \times (3 - ((4! + 5) \times 6! \times 7))) + 8 \times 9) &= (9 - 8) \times (7 \times (((6! \times (5 + 4!)) - 3!) \times 2) + 1)) \\
 292244 &:= (((1 - (2 \times (3! - ((4! + 5) \times 6!))) \times 7) - 8) + 9) &= 9 - (8 + (7 \times (((6 - ((5 + 4!) \times 3!)) \times 2) - 1))) \\
 292245 &:= ((1 + ((2^3! \times 4!) + 5!)) \times 6) + (7 \times (8! + 9)) &= ((9 \times ((8! + 7) - 6^5)) + (4 - 3!)) + (2 \times 1) \\
 292246 &:= 1 + ((2 \times (((3! - 4 + 5)! - 6)) + (7 \times (8! - 9))) &= 9 + (8 - (7 \times (((6 - ((5 + 4!) \times 3!)) \times 2) + 1))) \\
 292247 &:= 1 \times ((2 \times (((3^4 + 5!) \times (6! + 7)) - 8)) + 9) &= (((9 \times (8! - 7!))/6) \times 5) + (4!^3 \times 2 - 1) \\
 292248 &:= 1 + ((2 \times (((3^4 + 5!) \times (6! + 7)) - 8)) + 9) &= 9 + ((8! \times 7 + (((6!/5!) + 4)^{3!-2})) - 1) \\
 292249 &:= (1 + ((2 \times 3!)^4)) - ((5! - (6 \times (7! + 8))) \times 9) &= (((9 \times (8! - 7!))/6) \times 5) + (4!^3 \times 2 + 1) \\
 292250 &:= ((1 + 2)!)! + ((3^4 \times (5 \times 6!)) - (7!/(8 \times 9))) &= 9 + (8! \times 7 + (((6!/5!) + 4)^{3!-2} + 1)) \\
 292251 &:= ((1 + 2) \times ((3!! - 4) \times 5)) - (6! - (7 \times 8! - 9)) &= (9 \times (8! - 7!)) - (((6 + 5) + 4!) \times (3!! + 2)) - 1) \\
 292252 &:= (1 + (2 \times ((3! - 4 + 5)!)) - (6 - (7 \times (8! - 9))) &= 9 + 8! + (7 \times (((6! - (5 - (4! \times 3!))) \times 2) - 1)) \\
 292253 &:= (1 - (2 \times ((3^4 + 5!) \times (6! + 7)))) \times (8 - 9) &= (((9 + (8! + 7!)) \times 6) - 5!) + (((4!/3!)/2) - 1) \\
 292254 &:= (1 + (2 \times ((3^4 + 5!) \times (6! + 7)))) + (8 - 9) &= 9 + (8 - ((7 \times ((6 - ((5 + 4!) \times 3!)) \times 2)) - 1)) \\
 292255 &:= 1 + (2 \times ((3^4 + 5!) \times (6! - (7 \times (8 - 9)))) &= (((9 + (8! + 7!)) \times 6) - 5!) + (((4!/3!)/2) + 1) \\
 292256 &:= ((1 + (2 \times ((3^4 + 5!) \times (6! + 7)))) - 8) + 9 &= (9 \times (8! - ((7!/6!)^5))) + (((4!/3!) \times 2) - 1) \\
 292257 &:= (1 - ((2 + ((3 + 4)!)) \times 5)) - (((6 + 7!) - 8!) \times 9) &= (9 \times (8! - ((7!/6!)^5))) + (((4!/3!) \times 2 \times 1) \\
 292258 &:= ((1 + (2 \times ((3 + 4)!)) - (5! + 6)) + (7 \times (8! + 9)) &= (9 \times (8! - ((7!/6!)^5))) + (((4!/3!) \times 2) + 1) \\
 292259 &:= (1 \times 2 \times ((3!! \times 4! - (5 - 6!)) \times 7)) + (8! + 9) &= 9 + 8! + (7 \times ((6! - (5 - (4! \times 3!))) \times 2 \times 1)) \\
 292260 &:= (1 + (2 \times ((3!! \times 4! - (5 - 6!)) \times 7))) + (8! + 9) &= 9 + 8! + ((7 \times ((6! - (5 - (4! \times 3!))) \times 2)) + 1) \\
 292261 &:= (1 + (2 \times (3! + ((4! + 5) \times 6! \times 7)))) - 8 \times 9 &= ((9 \times ((8! + 7) - 6^5)) + (4! - 3!)) - 2 \times 1 \\
 292262 &:= (1 - (2 \times (((3! - ((4! + 5) \times 6!)) \times 7) - 8))) + 9 &= 9 + (((8 - (7 \times (6 - ((5 + 4!) \times 3!)))) \times 2) + 1) \\
 292263 &:= (((1 + 2) \times 3!! + 4!) \times 5!) + ((6 \times (7! - 8)) - 9) &= (9 - 8) \times (((7! \times 6 - 5!) + (4^{3^2})) - 1) \\
 292264 &:= (1 - (2 \times (3! \times (4 - (5! + 6!)))) + (7 \times 8! - 9) &= 9 - ((8 - (7! \times 6 - 5!)) - ((4^{3^2}) - 1)) \\
 292265 &:= (1 + 2) - (((3 \times (4 - 5!))/6) \times (7! + (8 - 9))) &= ((9 \times ((8! + 7) - 6^5)) + (4! - 3!)) + (2 \times 1) \\
 292266 &:= 1 - (2^3! + (((4! + 5) \times (6 \times 7! - 8!)) - 9)) &= 9 - ((8 - (7! \times 6 - 5!)) - ((4^{3^2}) + 1)) \\
 292267 &:= (1 + (2 \times (((3 + 4)! \times 5))) + (6 \times (7! \times 8 - 9)) &= (9 \times (8! - (7! + (6 + (5! \times 4!)))) + (3!! + (2 - 1)) \\
 292268 &:= (1 \times 2 + 3!!) - ((4! \times 5! + ((6 + 7!) - 8!)) \times 9) &= (9 + ((8! + 7!) \times 6)) - (((5! - (4!/3!)/2) + 1) \\
 292269 &:= ((1 + 2) + 3!!) - ((4! \times 5! + ((6 + 7!) - 8!)) \times 9) &= 9 + 8! + (((7! - 6) \times 5) + 4!) \times (3^2 + 1)) \\
 292270 &:= (1 + (2 \times (((3! - 4 + 5)! + 6))) + (7 \times (8! - 9)) &= (9 + ((8! + 7!) \times 6)) - (((5! - (4!/3!)/2) - 1) \\
 292271 &:= ((1 + (2 \times (3 - ((4! + 5) \times 6!))) \times 7) \times (8 - 9) &= ((9 \times (8 + (7! \times 6))) - 5!) + (((4!/3!)/2) - 1) \\
 292272 &:= ((1 + 2)! + 3!!) - ((4! \times 5! + ((6 + 7!) - 8!)) \times 9) &= 9 - (8 \times 7 + (((6! + 5!) \times ((4! - 3!)/2)) + 1)) \\
 292273 &:= ((1 + 2)!)! + ((3^4 \times (5 \times 6!)) - ((7 \times 8) - 9)) &= ((9 \times (8 + (7! \times 6))) - 5!) + (((4!/3!)/2) + 1) \\
 292274 &:= 1 \times (2 \times (3! + ((4! + 5) \times ((6! \times 7) + (8 - 9)))) &= 9 - ((8 \times 7 + ((6! + 5!) \times ((4! - 3!)/2))) - 1) \\
 292275 &:= 1 + (2 \times (3! + ((4! + 5) \times ((6! \times 7) + (8 - 9)))) &= (9 + 8! \times 7) + (6 \times (((5! - (4 - 3!)) \times 2) - 1)) \\
 292276 &:= ((1 \times 2 - ((3 + 4)!)) \times 5) - (((6 + 7!) - 8!) \times 9) &= 9 - (((8! + (((7 - 6^5) \times 4!) + 3)) \times 2) - 1) \\
 292277 &:= (1 + (2 \times ((3 - ((4! + 5) \times 6!)) \times 7))) \times (8 - 9) &= (9 \times ((8! + 7) - (6^5 - 4))) - (3!! - (2 \times 1)) \\
 292278 &:= (1 - (2 \times ((3 - ((4! + 5) \times 6!)) \times 7))) + (8 - 9) &= 9 - (8 + ((7 \times (6 - ((5 + 4!) \times 3! \times 2))) + 1))
 \end{aligned}$$

$$\begin{aligned}
 292279 &:= 1 - (((2 \times (3!! \times (4! + 5))) - 6) \times (7 \times (8 - 9))) &= (9 - 8) \times ((7 \times (((6! \times (5 + 4!)) - 3) \times 2)) + 1) \\
 292280 &:= (1 - (2 \times ((3 - ((4! + 5) \times 6!)) \times 7))) - (8 - 9) &= 9 - (((8! + ((7 - 6^5) \times 4 \times 3!)) \times 2) + 1) \\
 292281 &:= (((1 + 2) \times 3!! + 4!) \times 5!) + ((6 \times (7! - 8)) + 9) &= (9 \times ((8! - 7) - 6^5)) - (4! \times ((3! - 2)! - 1)) \\
 292282 &:= (1 - (2 \times (3! \times (4 - (5! + 6!)))))) + (7 \times 8! + 9) &= 9 - (((8! + ((7 - 6^5) \times 4 \times 3!)) \times 2) - 1) \\
 292283 &:= 1 - (2 \times (3!! + ((4 \times (5 \times 6! + 7 - 8!)) - 9))) &= (9 \times (8! - 7!)) - (((6! + (5 - 4!)) \times (3!^2)) + 1) \\
 292284 &:= 1 \times (((2 - 3!!) - (((4^5 - 6) \times 7) - 8!)) \times 9) &= ((9 \times (8 + (7! + (6! - 5!))))/4) \times ((3! - 2)! - 1) \\
 292285 &:= 1 + (((2 - 3!!) - (((4^5 - 6) \times 7) - 8!)) \times 9) &= (9 \times (((8!/7 + 6!) \times 5) - 4)) + (3!! + (2 - 1)) \\
 292286 &:= 1 - ((2 \times (((3 - ((4! + 5) \times 6!)) \times 7) - 8)) + 9) &= (9 \times (((8!/7 + 6!) \times 5) - 4)) + (3!! + 2 \times 1) \\
 292287 &:= (((1 + 2)^{3!} + 4!)/5) + (6! + 7 \times 8! - 9) &= (9 + (8! - 7) \times 6) + (5 \times (((4 + 3)! \times 2 \times 1)) \\
 292288 &:= 1 - ((2 \times (((3 - 4!) \times ((5 - 6) + 7!)) - 8!)) - 9) &= 9 - (((8! + ((7 - 6^5) \times 4!)) - 3) \times 2) - 1) \\
 292289 &:= (1 \times 2 \times (((3 + 4)! - (5!/6))) + (7 \times 8! + 9) &= 9 + (8! + (((7 \times (6! \times 5)) - 4) \times (3^2 + 1))) \\
 292290 &:= 1 - ((2 \times (3 - (((4! + 5) \times 6! \times 7) - 8))) + 9) &= (9 \times (8! + ((7 - 6!) \times (5!/4! + 3!)))) - (2 + 1) \\
 292291 &:= (1 + (2 \times ((3 + ((4! + 5) \times 6!)) \times 7))) - 8 \times 9 &= (9 \times (8! + ((7 - 6!) \times (5!/4! + 3!)))) - 2 \times 1 \\
 292292 &:= ((1 + 2 \times 3!) \times 4) \times (5 - ((6 - 7!/8) \times 9)) &= 9 - (((8! + ((7 - 6^5) \times 4!)) - 3!) \times 2) + 1) \\
 292293 &:= 1 - ((2 - (3!! \times (4! + 5))) \times ((6 + 7) - 8 + 9)) &= ((9 \times ((8!/7 + 6!) \times 5)) - (4! - (3!! - 2))) - 1 \\
 292294 &:= 1 - (((((2 - (3 - 4!))!^5) + (67 - 8!)) \times 9) &= ((9 \times ((8!/7 + 6!) \times 5)) - (4! - (3!! - 2))) \times 1 \\
 292295 &:= ((1 \times 2 \times (((3 + 4)! - 5)) - 6) + (7 \times 8! - 9) &= ((9 \times ((8!/7 + 6!) \times 5)) - (4! - (3!! - 2))) + 1 \\
 292296 &:= 1 \times ((2 + 3!)! - (4! - (5 \times (6! \times (7!/(8 \times 9)))))) &= (9 \times (8 \times 7! - 6^5)) - (4! \times ((3! - 2)! + 1)) \\
 292297 &:= (1 + ((2 \times 3!) \times 4^5)) + (6^7 + 8 \times 9) &= ((9 \times ((8!/7 + 6!) \times 5)) - 4!) + (3!! + (2 - 1)) \\
 292298 &:= (1 + (2 \times (((3 + 4)! + 5!/6))) + (7 \times (8! - 9)) &= ((9 \times ((8!/7 + 6!) \times 5)) - (4! - 3!)) + (2 \times 1) \\
 292299 &:= ((1 + 2)!!/3) - ((4! + 5) \times (6 \times 7! - 8! + 9)) &= ((9 + 8! \times 7) - 6!) + ((5!/4) \times (3!!/2 - 1)) \\
 292300 &:= 1 - 2 \times 3! - (((4! + 5) \times (6 \times 7! - 8!)) + 9) &= (((9 \times 8) + 7) \times (6!/5 + 4)) \times ((3! - 2)! + 1) \\
 292301 &:= (1 + (((2 + 3!)! - 4) \times 5)) - ((6 \times 7! - 8!) \times 9) &= (9 \times (8! - (7! \times 6))) - ((5 \times (4 - (3! + 2)!)) - 1) \\
 292302 &:= (1 - ((2 - 3!!) \times (4 \times 5 - 6))) + (7 \times 8! + 9) &= ((9 + 8!) \times 7) + (((6!/5!) + 4)^{3! - 2}) - 1) \\
 292303 &:= (((1 + 2) \times 3!! + 4!) \times 5!) + (6 \times 7! - (8 + 9)) &= 9 + ((8 + (7 \times ((6! \times (5 + 4!)) - 3))) \times 2 \times 1) \\
 292304 &:= 1 \times 2 \times ((3! + 4)^5 + (6! + ((7! + 8) \times 9))) &= ((9 + 8!) \times 7) + (((6!/5!) + 4)^{3! - 2}) + 1) \\
 292305 &:= (((1 + (2 + 3!)!) - 4) \times 5) - ((6 \times 7! - 8!) \times 9) &= (9 \times (8! - (7! \times 6))) - (5 \times (4 - ((3! + 2)! + 1))) \\
 292306 &:= (1 + (2 \times (3! \times (4 + (5! + 6!)))))) + (7 \times (8! - 9)) &= (9 - 8) \times (7 \times (((6! \times (5! - 4)) - 3!)/2) + 1)) \\
 292307 &:= 1 \times 2 - (3! + (((4! + 5) \times (6 \times 7! - 8!)) + 9)) &= 9 + 8! - (((7 + 6!) - 5) \times (((4! - 3!)/2) - 1)) \\
 292308 &:= (1 - (2 \times (3! - ((4! + 5) \times 6! \times 7)))) + (8 - 9) &= 9 \times 8 + (7 \times (((6! \times (5 + 4!)) - 3!) \times 2 \times 1)) \\
 292309 &:= (1 - (2 \times ((3! - ((4! + 5) \times 6!)) \times 7))) + 8 \times 9 &= (9 \times (8! - (7! \times 6))) + ((5 \times ((4!/3!) - 2)) - 1) \\
 292310 &:= 1 \times 2 - (3 + (((4! + 5) \times (6 \times 7! - 8!)) + 9)) &= 9 - (8 - (((7 \times (6! \times (5 + 4!))) - 3!) \times 2) + 1)) \\
 292311 &:= (1 + 2)! - 3! + (((4! + 5) \times (6 \times 7! - 8!)) + 9)) &= (9 \times (8! - (7! \times 6))) + ((5 \times ((4!/3!) - 2)) + 1) \\
 292312 &:= (((1 + 2)! \times 3!^4) + 5!) + (6^7 + 8!/9) &= ((9 + 8! \times 7) - 6) - (((5 - ((4 + 3)!)) \times 2) + 1) \\
 292313 &:= (1 + 2)!! - (((3^4 \times (5 \times 6!)) - 7) \times (8 - 9)) &= ((9 + (8! + 7!)) \times 6) - (((5! - (4!/3!))/2) + 1) \\
 292314 &:= (1 - (2 \times (3 - ((4! + 5) \times 6! \times 7)))) + (8 - 9) &= 9 + 8! + ((7 \times ((6! \times (5 \times (4 + 3!))) - 2)) - 1) \\
 292315 &:= ((1 - (2 \times (3! - ((4! + 5) \times 6!)))) \times 7) + 8 \times 9 &= ((9 + (8! + 7!)) \times 6) - (((5! - (4!/3!))/2) - 1) \\
 292316 &:= 1 \times 2 + (3 - (((4! + 5) \times (6 \times 7! - 8!)) + 9)) &= (9 + ((8! + (7! - 6)) \times 5)) + ((4^{3! + 2}) + 1) \\
 292317 &:= ((1 + (2 + 3!)!) - 4) + (5 \times (6! \times (7!/(8 \times 9)))) &= 9 + 8! + (((7! \times ((6 - 5) + 4!)) - 3!) \times 2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 292318 &:= 1 - 2 \times 3! - (((4! + 5) \times (6 \times 7! - 8!)) - 9) &= (9 + ((8! - 7!) \times 6)) - (((5 - (4!/3!)) \times 2) + 1) \\
 292319 &:= (1 - (((2 - 3 \times 4!) \times (5 \times 6!)) - 7)) + (8! - 9) &= ((9 \times (8! - 7!)) + 6!) - ((5 \times ((4! \times 3)^2)) + 1) \\
 292320 &:= ((1 + 2!) - (3!/4)) \times (((5 \times 6! \times 7) - 8!)/9) &= (9 + ((8 + 7!) \times 6)) - (5! - ((4^3)^2) - 1) \\
 292321 &:= (1 + (((2 + 3!)/4!) \times 5!)) - ((6 \times 7! - 8!) \times 9) &= ((9 \times (8! - 7!)) + 6!) - ((5 \times ((4! \times 3)^2)) - 1) \\
 292322 &:= ((1 + 2) \times ((3! \times (4! + 5^6)) + 7!)) - 8!/9 &= (9 + ((8 + 7!) \times 6)) - (5! - ((4^3)^2) + 1) \\
 292323 &:= ((1 + (2^3! + 4!)) \times (5! - 6)) + (7 \times (8! - 9)) &= ((9 + ((8! + 7!) \times 6)) - 5) + (((4!/3!)/2) - 1) \\
 292324 &:= 1 + 2 \times 3! - (((4! + 5) \times (6 \times 7! - 8!)) + 9) &= ((9 + ((8! - 7!) \times 6)) - 5) + ((4!/3!) \times 2 \times 1) \\
 292325 &:= ((1 + (2 \times 3! - 4!)) \times 5) - ((6 \times 7! - 8!) \times 9) &= ((9 + ((8! + 7!) \times 6)) - 5) + (((4!/3!)/2) + 1) \\
 292326 &:= (1 + ((2 + ((3! + 4) \times (5 \times 6!))) \times 7)) + (8! - 9) &= ((9 \times ((8!/7 + 6!) \times 5)) + (4 + 3!)) + (2 \times 1) \\
 292327 &:= (1 + (2 \times ((3^4 + 5!) \times (6! + 7)))) + 8 \times 9 &= 9 + 8! - ((7! \times ((6 - 5!) + 4^3)) + 2 \times 1) \\
 292328 &:= ((1 + 2!)!) + ((3^4 \times (5 \times 6!)) + (7 - 8 + 9)) &= (9 + ((8! + 7!) \times (6!/5!))) + (((4!/3!)/2) - 1) \\
 292329 &:= (1 - (2 \times (3^4 + 5!))) \times ((6! \times (7 - 8)) - 9) &= (9 \times (8! - (7! \times 6))) + ((5 \times ((4!/3!) + 2)) - 1) \\
 292330 &:= 1 \times 2 \times (3! + (((4! + 5) \times 6! \times 7) + (8 - 9))) &= (9 + ((8! + 7!) \times (6!/5!))) + (((4!/3!)/2) + 1) \\
 292331 &:= (1 - (2 \times (3! + ((4! + 5) \times 6! \times 7)))) \times (8 - 9) &= (9 \times (8 + (7! \times 6))) - (((5! - (4!/3!))/2) + 1) \\
 292332 &:= (1 + (2 \times (3! + ((4! + 5) \times 6! \times 7)))) + (8 - 9) &= (9 \times (8 + (7! \times 6))) - ((5! - (4!/3!))/2 \times 1) \\
 292333 &:= (1 + (2 \times ((3! + ((4! + 5) \times 6!)) \times 7))) - 8 \times 9 &= (9 \times (8 + (7! \times 6))) - (((5! - (4!/3!))/2) - 1) \\
 292334 &:= 1 - (2 - (3! - (((4! + 5) \times (6 \times 7! - 8!)) - 9))) &= 9 - (8 - (((7 \times (6! \times (5 + 4!))) + 3!) \times 2) + 1) \\
 292335 &:= (1 + 2) + (3 - (((4! + 5) \times (6 \times 7! - 8!)) - 9)) &= (9 + (((8! + 7!) \times 6) + 5)) + (((4!/3!)/2) + 1) \\
 292336 &:= (1 - (2 \times (3! \times (4 - (5! + 6!)))))) + (7 \times (8! + 9)) &= 9 + 8! - (7 \times ((6! \times ((5 - (4! + 3!)) \times 2)) - 1)) \\
 292337 &:= (1 - (((2 - 3 \times 4!) \times (5 \times 6!)) - 7)) + (8! + 9) &= 9 + 8! - (7! - (((6 + 5!) \times 4) + 3)^2 - 1) \\
 292338 &:= (1 + 2) + (3! - (((4! + 5) \times (6 \times 7! - 8!)) - 9)) &= 9 - ((8 - 7!) - (((6! - 5!) - 4^3)^2) + 1) \\
 292339 &:= ((1 \times 2 + 3!) \times (4 \times 5 - 6)) + (7 \times 8! - 9) &= (9 - ((8 - 7!) \times 6)) - (5 - ((4^3)^2) - 1) \\
 292340 &:= 1 - ((2 \times (3 - (((4! + 5) \times 6! \times 7) + 8))) - 9) &= (9 + ((8! - 7!) \times 6)) + (((5 + (4!/3!)) \times 2) + 1) \\
 292341 &:= (1 + (((2 + 3!)! + 4) \times 5)) - ((6 \times 7! - 8!) \times 9) &= (9 - ((8 - 7!) \times 6)) - (5 - ((4^3)^2) + 1) \\
 292342 &:= 1 + 2 \times 3! - (((4! + 5) \times (6 \times 7! - 8!)) - 9) &= ((9 \times ((8!/7 + 6!) \times 5)) + (4! + 3!)) - 2 \times 1 \\
 292343 &:= ((1 \times 2 + ((3! + 4) \times (5 \times 6!))) \times 7) + (8! + 9) &= 9 - (8 - ((7 \times ((6 - (5! \times (4! - 3!))))/2)) + 1) \\
 292344 &:= 1 - ((2^3! \times ((4! \times (5!/6)) - 7! - 8)) + 9) &= 9 - (((8 - 7!) \times (6!/5!)) - ((4^3)^2) - 1) \\
 292345 &:= ((1 + ((2 \times 3!)^4)) - 5!) + (6 \times ((7! - 8) \times 9)) &= ((9 \times ((8!/7 + 6!) \times 5)) + (4! + 3! + 2)) - 1 \\
 292346 &:= ((1 + (2 \times ((3 + ((4! + 5) \times 6!)) \times 7))) - 8) - 9 &= 9 - (((8 - 7!) \times (6!/5!)) - ((4^3)^2) + 1) \\
 292347 &:= (12 + 3!) - (((4! + 5) \times (6 \times 7! - 8!)) - 9) &= ((9 \times ((8!/7 + 6!) \times 5)) + (4! + 3! + 2)) + 1 \\
 292348 &:= 1 \times ((2 + (3! \times (4! + 5))) \times ((6 + 7) - 8 + 9)) &= (9 \times ((8 + (7! \times 6)) - 5)) + (((4!/3!)/2) + 1) \\
 292349 &:= (((1 + 2) \times 3!! + 4) \times 5) - (6! - (7 \times 8! + 9)) &= (9 - ((8 - 7!) \times 6)) + ((5 + (4^3)^2) - 1) \\
 292350 &:= 1 \times (2 \times (3! + (((4! + 5) \times ((6 - (7 - 8)))! + 9))) &= ((9 + (8! + (7! - 6))) \times 5) + ((4^{3!+2}) - 1) \\
 292351 &:= (1 - (2 \times ((3 - ((4! + 5) \times 6!)) \times 7))) + 8 \times 9 &= (9 - ((8 - 7!) \times 6)) + (5 + ((4^3)^2) + 1) \\
 292352 &:= (((1 \times 2^3!) \times (4 + 5!)) + 6^7) + 8!/9 &= ((9 + (8! + (7! - 6))) \times 5) + ((4^{3!+2}) + 1) \\
 292353 &:= (1 + ((2^3! \times (4 + 5!)) + 6^7)) + 8!/9 &= (((9 + 8!) \times 7) - 6!) + ((5!/4) \times (3!!/2 - 1)) \\
 292354 &:= (1 + (2 \times (((3 + 4)! \times 5))) + ((6 \times (7 + 8!)) - 9) &= 9 - (((8 - (7 \times ((6! \times (5 + 4!)) + 3))) \times 2) + 1) \\
 292355 &:= (1 \times 2 \times (((3 + ((4! + 5) \times 6!)) \times 7) - 8)) + 9 &= 9 - ((8 - (7 \times ((6! \times (5 + 4!)) + 3))) \times 2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 292356 &:= (1 - ((2 - 3!) \times (4 \times 5 - 6))) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) - (((6 - 5 \times 4) \times (3! - 2)) - 1) \\
 292357 &:= 1 \times (((2 + 3!) \times (4 \times 5 - 6)) + (7 \times 8! + 9)) &= 9 \times 8 - (7 \times (6 - (((5 + 4!) \times 3!) \times 2) + 1)) \\
 292358 &:= 1 \times 2 \times (((3! + 4) \times (5^6 - 7!)) + 8! + 9) &= (9 + 8! \times 7) - (((6 - 5 \times 4) \times (3! + 2)) - 1) \\
 292359 &:= 1 - (2 \times (3! + ((4 \times (5 \times 6! - (7 + 8!))) + 9))) &= ((9 + 8! \times 7) - 6!) + ((5!/4) \times (3!/2 + 1)) \\
 292360 &:= (1 + (2 \times (3! \times (4 + (5! + 6!)))) + (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6 \times 5))) + (((4 + 3!)! \times 2) + 1) \\
 292361 &:= (1 + (((2 \times 3!)/4) \times (5 + 6!))) + (7 \times 8!/9) &= (9 - 8) \times ((7 \times (6 + ((5 + 4!) \times 3! \times 2))) - 1) \\
 292362 &:= 1 - ((2^{3!} \times ((4! \times (5!/6)) - 7! - 8)) - 9) &= 9 - 8 + ((7 \times (6 + ((5 + 4!) \times 3! \times 2))) - 1) \\
 292363 &:= 1 - (2 \times ((3 + ((4! + 5) \times 6!)) \times (7 \times (8 - 9)))) &= ((9 + 8! - 7!) \times 6) - (((5 - (4!/3)!) \times 2) + 1) \\
 292364 &:= ((1 + (2 \times ((3 + ((4! + 5) \times 6!)) \times 7))) - 8) + 9 &= (9 - (8!/7)) + (((6! - ((5 + 4!) \times 3!))^2) - 1) \\
 292365 &:= 1 + (2 \times (((3 + ((4! + 5) \times 6!)) \times 7) - 8 + 9)) &= ((9 + 8! - 7!) \times 6) - (((5 - (4!/3)!) \times 2) - 1) \\
 292366 &:= 1 \times 2 \times (3! + (((4! + 5) \times 6! \times 7) + 8 + 9)) &= 9 - ((8!/7) - (((6! - ((5 + 4!) \times 3!))^2) + 1)) \\
 292367 &:= 1 - (2 \times (3! - ((4! + 5) \times (6! \times 7 - 8 + 9)))) &= (((9 + 8) + 7!) \times 6) - (5! - ((4^{3^2}) + 1)) \\
 292368 &:= ((1 + (2 \times (3 + ((4! + 5) \times 6!))) \times 7) + (8 - 9)) &= (((9 + (8! + 7!)) \times 6) - 5) + (((4!/3)!/2) - 1) \\
 292369 &:= (1 \times 2 \times (((3 + 4)!) + 5!/6)) + (7 \times 8! + 9) &= 9 + (8! + (((7 \times (6! \times 5)) + 4) \times (3^2 + 1))) \\
 292370 &:= (1 + 2^{3!}) \times (4! - ((5 - (6 - 7)) - 8!/9)) &= (((9 + (8! + 7!)) \times 6) - 5) + (((4!/3)!/2) + 1) \\
 292371 &:= (1 + 2)!! - (3 + ((4! \times 5! - (6 - (7! - 8!))) \times 9)) &= (9 + 8! \times 7) + (6 \times (((5! + (4 + 3!)) \times 2) - 1)) \\
 292372 &:= ((1 + 2) \times (((3 \times 4) + 5!) \times (6! + 7))) + 8!/9 &= 9 \times 8 + ((7 \times (((6! \times (5! - 4)) - 3!)/2)) + 1) \\
 292373 &:= 1 - ((2 + (((3 + 4)!) \times 5)) - ((6 - (7! - 8!)) \times 9)) &= ((9 + (8! + 7!)) \times (6!/5!)) + (((4!/3)!/2) - 1) \\
 292374 &:= (1 \times 2 \times (((3 + 4)!) \times 5)) + (6 \times (7! \times 8 + 9)) &= ((9 + ((8! + 7! + 6) \times 5)) + (4^{3!+2})) - 1 \\
 292375 &:= 1 \times ((2^{3!} - (((4! + 5) \times (6 \times 7! - 8!)) + 9)) &= ((9 + (8! + 7!)) \times (6!/5!)) + (((4!/3)!/2) + 1) \\
 292376 &:= ((1 + 2^{3!} - ((4! + 5) \times (6 \times 7! - 8!))) - 9) &= 9 + 8! + (((7 - 6! + 5) \times (4 - 3!/2)) - 1) \\
 292377 &:= (((1 + (2^{3!} + 4!)) \times (5! - 6)) + 7 \times 8!) - 9 &= 9 + 8! + ((7 - 6! + 5) \times (4 - (3!/2 \times 1))) \\
 292378 &:= (1 + (2 \times (3! \times (4 + (5! + 6!)))) + (7 \times 8! + 9)) &= (((9 + (8! + 7!)) \times 6) + 5) + (((4!/3)!/2) - 1) \\
 292379 &:= (1 \times 2 \times (((3! + ((4! + 5) \times 6!)) \times 7) - 8)) - 9 &= (((9 + 8! - 7!) \times 6) + 5) + ((4!/3)! \times 2 \times 1) \\
 292380 &:= 1 \times 2 \times (((3 - 4!) \times ((5 - 6) - 7!)) + 8! + 9) &= (((9 + (8! + 7!)) \times 6) + 5) + (((4!/3)!/2) + 1) \\
 292381 &:= (1 \times 2 \times ((3! \times 4! + (5 + 6!)) \times 7)) + (8! - 9) &= 9 - ((8 - (7! \times 6 - 5)) - ((4^{3^2}) + 1)) \\
 292382 &:= (1 + (2 \times ((3! \times 4! + (5 + 6!)) \times 7))) + (8! - 9) &= (((9 + 8!) \times 7) - 6!) + (((5!/4) \times 3!/2) - 1) \\
 292383 &:= (1 + 2 \times 3!) \times (((4! \times (5! + 6! - 7))/8) \times 9) &= ((9 + 8! - 7!) \times 6) + (((5 + (4!/3)!) \times 2) - 1) \\
 292384 &:= 1 \times 2 \times (3 + ((4! + 5) \times (6! \times 7 - 8 + 9))) &= (((9 + 8!) \times 7) - 6!) + (((5!/4) \times 3!/2) + 1) \\
 292385 &:= (1 \times 2 + (3^4 \times (5! + 6))) + (7 \times (8! - 9)) &= ((9 + 8! - 7!) \times 6) + (((5 + (4!/3)!) \times 2) + 1) \\
 292386 &:= 1 - ((2 \times (3! + (4 \times (5 \times 6! - (7 + 8!)))) - 9) &= 9 - ((8 - (7! \times (6!/5!))) - ((4^{3^2}) + 1)) \\
 292387 &:= (1 - (2 \times (3 - ((4! + 5) \times 6! \times 7)))) + 8 \times 9 &= 9 \times 8 + (((7 \times (6! \times (5 + 4!))) - 3) \times 2) + 1) \\
 292388 &:= (((1 + (2 \times (3! \times 4! + (5 + 6!)))) \times 7) + 8!) - 9 &= (9 + ((8! + 7!) \times 6)) + (((5! + (4!/3)!)/2) - 1) \\
 292389 &:= ((1 + 2) \times ((3! + 4) \times 5)) - (6! - (7 \times 8! + 9)) &= 9 - ((8 - ((7! \times 6) + 5)) - ((4^{3^2}) - 1)) \\
 292390 &:= (1 + (2 \times ((3! - 4 + 5)!)) + (6 + (7 \times (8! + 9)))) &= (9 + ((8! + 7!) \times 6)) + (((5! + (4!/3)!)/2) + 1) \\
 292391 &:= (1 + ((2 - 3!) \times (4! + (5 + 6)))) - ((7! - 8!) \times 9) &= 9 - ((8 - ((7! \times 6) + 5)) - ((4^{3^2}) + 1)) \\
 292392 &:= ((1 + 2) \times (3 + (4 \times (5! + 6!)))) + (7 \times (8! + 9)) &= 9 + 8! + (7 \times (((6! + (5 + 4! \times 3!)) \times 2) - 1)) \\
 292393 &:= 1 \times ((2^{3!} - (((4! + 5) \times (6 \times 7! - 8!)) - 9)) &= (9 \times (8 + (7! \times (6!/5!)))) + (((4!/3)!/2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 292394 &:= ((1 + 2^{3!}) - ((4! + 5) \times (6 \times 7! - 8!))) + 9 &= ((9 + ((8! + (7 - (6! \times 5))) \times 4)) - 3!!) \times 2 \times 1 \\
 292395 &:= (((1 + (2^{3!} + 4!)) \times (5! - 6)) + 7 \times 8!) + 9 &= ((9 + 8) + (7! \times 6)) - (5 - ((4^{3^2}) - 1)) \\
 292396 &:= (1 + (2 \times (((3! - 4 + 5)! + 6))) + (7 \times (8! + 9))) &= ((9 \times (8 + (7! \times 6))) + 5) + (((4!/3)!/2) - 1) \\
 292397 &:= 1 \times ((2 \times (((3! + ((4! + 5) \times 6!)) \times 7) - 8)) + 9) &= 9 + (((8 + (7! \times 6)) - 5) + ((4^{3^2}) + 1)) \\
 292398 &:= 1 + ((2 \times (((3! + ((4! + 5) \times 6!)) \times 7) - 8)) + 9) &= ((9 \times (8 + (7! \times 6))) + 5) + (((4!/3)!/2) + 1) \\
 292399 &:= (1 \times 2 \times ((3! \times 4! + (5 + 6!)) \times 7)) + (8! + 9) &= 9 \times 8 - (7 \times (((6 \times 5) \times ((4! - 3!)) \times 2)) - 1) \\
 292400 &:= (1 + (2 \times ((3! \times 4! + (5 + 6!)) \times 7))) + (8! + 9) &= 9 + 8! + ((7 \times ((6! + (5 + 4! \times 3!)) \times 2)) + 1) \\
 292401 &:= (1 + 2) \times (3! + ((4! + (5 + (6! \times (7 + 8)))) \times 9)) &= ((9 + 8!) \times 7) + (((6! + 5!) \times 4) + 3!) \times (2 + 1) \\
 292402 &:= (1 + ((2 + (3^4 \times 5)) \times 6!)) - (7!/8 + 9) &= 9 + 8 + ((7! \times (6!/5!)) + ((4^{3^2}) + 1)) \\
 292403 &:= (1 - (2 \times ((3! + ((4! + 5) \times 6!)) \times 7))) \times (8 - 9) &= 9 \times 8 + (((7 \times (6! \times (5 + 4!))) + 3!) \times 2) - 1) \\
 292404 &:= (1 + ((2 \times ((3! + ((4! + 5) \times 6!)) \times 7)) + 8)) - 9 &= 9 - (8 - ((7 \times ((6 + ((5 + 4!) \times 3!)) \times 2)) - 1)) \\
 292405 &:= (1 + (2 \times (3! + ((4! + 5) \times 6! \times 7)))) + 8 \times 9 &= 9 + (((8 + ((7! \times 6) + 5)) + (4^{3^2})) - 1) \\
 292406 &:= (((1 + (2 \times (3! \times 4! + (5 + 6!)))) \times 7) + 8!) + 9 &= 9 + 8! + (7 \times (((6! + (5 + 4! \times 3!)) \times 2) + 1)) \\
 292407 &:= 1 - (2 \times (3! + (((4! + 5) \times (6 - 7! - 8)) + 9))) &= 9 + ((8 + ((7! \times 6) + 5)) + ((4^{3^2}) + 1)) \\
 292408 &:= 1 - (2 - (((3! - (4 - 56)) \times 7!) + 89)) &= (9 \times (8 + (7 \times (6! \times 5)))) + (4^{3!+2 \times 1}) \\
 292409 &:= (((1 + 2 \times 3!!) \times (4! + 5)) - 6) \times 7 - 8 \times 9 &= (9 \times (8 + (7 \times (6! \times 5)))) + ((4^{3!+2}) + 1) \\
 292410 &:= ((1 + (2 \times (3! + ((4! + 5) \times 6!)))) \times 7) + (8 - 9) &= (9 \times ((8 \times 7! + 6!)/5!)) \times ((4 \times (3! - 2)!)) - 1) \\
 292411 &:= (1 \times 2 \times (((3! + ((4! + 5) \times 6!)) \times 7) + 8)) - 9 &= 9 - (8 - ((7!/6 - (5!/4)) \times (3!!/2 + 1))) \\
 292412 &:= (1 + (2 \times (((3! + ((4! + 5) \times 6!)) \times 7) + 8))) - 9 &= 9 - (8 - (7 \times (((6 + ((5 + 4!) \times 3!)) \times 2) + 1))) \\
 292413 &:= 1 - (2 \times (3 + (((4! + 5) \times (6 - 7! - 8)) + 9))) &= (((9 + 8!) \times 7) - 6!) + ((5!/4) \times (3!!/2 + 1)) \\
 292414 &:= (1 + ((2 \times ((3 + 4)! + (5 \times 6))) + (7 \times (8! + 9)))) &= 9 \times 8 + ((7 \times ((6 - (5! \times (4! - 3!)))/2)) + 1) \\
 292415 &:= (((1 + 2)!^{3+4} + 5!) + ((6! + 7) \times (8 + 9))) &= (9 \times ((8! + 7!)/6)) + ((5^4) \times (3!!/2 - 1)) \\
 292416 &:= 1 - ((2 \times (3! + ((4! + 5) \times (6 - 7! - 8)))) + 9) &= (9 \times (8! - 7!)) - (6^5 + (4! \times (3!! + 2 \times 1))) \\
 292417 &:= (1 + (2 \times (((3 + 4)! \times 5))) + (6 \times (7 + 8! + 9))) &= 9 - (8 \times (((7! - ((6^5 - 4) \times 3)) \times 2) + 1)) \\
 292418 &:= 1 - ((2 - (3! \times 4! - ((5 + 6) \times 7))) \times (8 + 9)) &= (98/7) \times ((6! \times (5 + 4!)) + (3! + (2 - 1))) \\
 292419 &:= (((1 + 2)! + 3!)^4 - ((5 - (6 \times (7! - 8))) \times 9) &= ((9 - (8 - 7))^6) + (((5 + 4!) \times 3!)^2) - 1) \\
 292420 &:= (1 + ((2 + (3^4 \times 5)) \times 6!)) - (7!/8 - 9) &= ((9 - (8 - 7))^6) + (((5 + 4!) \times 3!)^2 \times 1) \\
 292421 &:= ((1 + (2 \times ((3 + 4)!)) \times 5) + (6 \times (7 + 8! + 9))) &= 9 + (8 + (7 \times ((6 + ((5 + 4!) \times 3!)) \times 2 \times 1))) \\
 292422 &:= (1 + ((2 \times ((3! + ((4! + 5) \times 6!)) \times 7)) + 8)) + 9 &= 9 + (8 + ((7 \times ((6 + ((5 + 4!) \times 3!)) \times 2)) + 1)) \\
 292423 &:= 1 - (2 \times (((3 - ((4! + 5) \times 6!)) \times 7) - 8 \times 9)) &= (9 + ((8!/7!)^6)) + ((5 + ((4 + 3)!)) \times (2 + 1)!) \\
 292424 &:= 1 \times (2 \times (3 - (((4! + 5) \times (6 - 7! - 8)) + 9))) &= 9 - ((8 \times ((7! - ((6^5 - 4) \times 3)) \times 2)) + 1) \\
 292425 &:= 1 + (2 \times (3 - (((4! + 5) \times (6 - 7! - 8)) + 9))) &= ((9 + 8!) \times 7) + (6 \times (((5! + (4 + 3!)) \times 2) - 1)) \\
 292426 &:= (1 + ((2 \times ((3 + 4)! + (5! - 6))) + (7 \times 8! - 9))) &= 9 - ((8 \times ((7! - ((6^5 - 4) \times 3)) \times 2)) - 1) \\
 292427 &:= 1 - (2 + ((3! - 4!) \times (5^6 + (7!/8 - 9)))) &= 9 + (8 + ((7!/6 - (5!/4)) \times (3!!/2 + 1))) \\
 292428 &:= (1 + 2)! \times (((3! \times 4!)/5) - (6 - ((7! - 8) \times 9))) &= (9 + ((8!/7!)^6)) + (((5 + 4!) \times 3!)^2) - 1) \\
 292429 &:= 1 \times ((2 \times (((3! + ((4! + 5) \times 6!)) \times 7) + 8)) + 9) &= (9 + ((8 + (7 \times (6 + ((5 + 4!) \times 3!)))) \times 2)) \times 1) \\
 292430 &:= (1 + (2 \times (((3! + ((4! + 5) \times 6!)) \times 7) + 8))) + 9 &= (9 + ((8!/7!)^6)) + (((5 + 4!) \times 3!)^2) + 1) \\
 292431 &:= 1 + (2 \times (3! - (((4! + 5) \times (6 - 7! - 8)) + 9))) &= ((9 + 8!) \times 7) - ((6 \times 5! - 4^{3!}) \times (2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 292432 &:= (1 - (((2 - 3^4) \times 5!) - 6!)) + (7 \times 8! - 9) &= 9 + (((((8 + 7! - 6) \times (5 + 4!)) - 3!) \times 2) - 1) \\
 292433 &:= (1 + (((2 + 3!)! - (4! - (5! + 6!))) \times 7)) + 8!/9 &= 9 - (8 \times (((7! - ((6^5 - 4) \times 3)) \times 2) - 1)) \\
 292434 &:= 1 - ((2 \times (3! + ((4! + 5) \times (6 - 7! - 8)))) - 9) &= 9 \times 8 - ((7 \times 6) \times ((5 \times ((4! - 3!)) \times 2)) - 1)) \\
 292435 &:= (1 + (2 \times ((3 + ((4! + 5) \times 6!)) \times 7))) + 8 \times 9 &= (9 + ((8 + 7!) \times 6)) - (5 - ((4^{3^2}) - 1)) \\
 292436 &:= 1 - (2 - ((3^4 \times (5! + 6)) + 7 \times 8! - 9)) &= (9 \times (8 + ((7! \times 6) + 5))) + (((4!/3)!/2) - 1) \\
 292437 &:= (1 + 2)!! - (3 - (4! \times (5 + ((6! + 7!/8) \times 9)))) &= (9 + ((8 + 7!) \times 6)) - (5 - ((4^{3^2}) + 1)) \\
 292438 &:= (1 + ((2 \times ((3 + 4)!) + 5!)) + ((6 + 7 \times 8!) - 9) &= (9 \times (8 + ((7! \times 6) + 5))) + (((4!/3)!/2) + 1) \\
 292439 &:= 1 - (2 - (3!! + (4! \times (5 + ((6! + 7!/8) \times 9)))) &= (((9 + 8!/7!) \times 6!) + 5) \times 4! - (3!! \times 2 + 1) \\
 292440 &:= (((1 \times 2 + 3!)! + 4!) \times 5) - ((6 \times 7! - 8!) \times 9) &= (9 + ((8 + 7!) \times (6!/5!))) + ((4^{3^2}) - 1) \\
 292441 &:= (1 + (((2 + 3!)! + 4!) \times 5)) - ((6 \times 7! - 8!) \times 9) &= (((9 + 8!/7!) \times 6!) + 5) \times 4! - (3!! \times 2 - 1) \\
 292442 &:= 1 \times (2 + (3!! + (4! \times (5 + ((6! + 7!/8) \times 9)))) &= (9 + ((8 + 7!) \times (6!/5!))) + ((4^{3^2}) + 1) \\
 292443 &:= 1 + (2 + (3!! + (4! \times (5 + ((6! + 7!/8) \times 9)))) &= (((9 + 8!/7!) \times ((6! - 5) \times 4!)) + 3!! + 2) + 1 \\
 292444 &:= (1 + ((2 \times ((3 + 4)!) + (5! - 6))) + (7 \times 8! + 9) &= ((9 + 8! \times 7) - (6 - 5!)) + (((4 + 3)!) \times 2 + 1) \\
 292445 &:= ((1 + ((2 + 3!)! + 4!)) \times 5) - ((6 \times 7! - 8!) \times 9) &= (9 + ((8 + 7!) \times 6)) + ((5 + (4^{3^2})) - 1) \\
 292446 &:= ((1 + 2)! + 3!!) + (4! \times (5 + ((6! + 7!/8) \times 9))) &= ((9 \times (8! - 7!)) + 6) + (5 \times (4! - ((3! + (2 - 1)))))) \\
 292447 &:= 1 - (((((2 + 3!!) - (4! \times 5)) \times (6 + 7)) - 8!) \times 9) &= (9 + ((8 + 7!) \times 6)) + (5 + ((4^{3^2}) + 1)) \\
 292448 &:= ((12 \times (3!^4 + 5!)) + 6^7) - 8!/9 &= (9 + (((8! + 7!) \times 6) + 5!)) + (((4!/3)!/2) - 1) \\
 292449 &:= ((1 + (2^{3!} + 4!)) \times (5! - 6)) + (7 \times (8! + 9)) &= (9 - (8!/7)) - ((6! + 5!) \times (4 - (3!!/2 - 1))) \\
 292450 &:= (1 - (((2 - 3^4) \times 5!) - 6!)) + (7 \times 8! + 9) &= (9 + (((8! + 7!) \times 6) + 5!)) + (((4!/3)!/2) + 1) \\
 292451 &:= (((1 + 2) - 3!!) \times 4!) + 5) \times ((6 - 7) \times (8 + 9)) &= (9 \times (8 + (7! \times 6))) + (((5! + (4!/3)!)/2) - 1) \\
 292452 &:= (1 + 2)! \times (3 + ((4! \times 5! - (6 + 7)) \times (8 + 9))) &= 9 \times 8 + ((7! \times 6 - 5) + ((4^{3^2}) + 1)) \\
 292453 &:= 1 - (2 \times (3! - (((4! + 5) \times 6! \times 7) + 8 \times 9))) &= (9 \times (8 + (7! \times 6))) + (((5! + (4!/3)!)/2) + 1) \\
 292454 &:= (1 + ((2 \times (3 + 4)) \times (5 + 6!))) + (7 \times (8! + 9)) &= (9 \times (8 \times 7! - 6^5)) - (((4! - 3)^2) + 1) \\
 292455 &:= ((1 \times 2 \times ((3 + 4)!) + 5!) + (6 + (7 \times 8! + 9)) &= ((9 + ((8 + 7! - 6) \times (5 + (4 \times 3!)))) \times 2) + 1 \\
 292456 &:= 1 - (((2 + (3!^4 + 5)) \times 6) + 7 - 8!) \times 9) &= (9 \times (8 \times 7! - 6^5)) - (((4! - 3)^2) - 1) \\
 292457 &:= (1 \times 2 + (3^4 \times (5! + 6))) + (7 \times 8! + 9) &= 9 \times 8 + ((7! \times (6!/5!)) + ((4^{3^2}) + 1)) \\
 292458 &:= ((1 + (2 \times (3!! - 4!))) \times (5 \times 6 \times 7)) - 8 \times 9 &= (((9 \times 8) + 7) \times 6) \times ((5^4) - (3! + 2 \times 1)) \\
 292459 &:= 1 \times (((2 \times 3!)^4) - (5 - (6 \times ((7! - 8) \times 9)))) &= 98 + ((7 \times (6 + ((5 + 4!) \times 3!! \times 2))) - 1) \\
 292460 &:= ((1 + ((2 \times 3!)^4)) - 5) + (6 \times ((7! - 8) \times 9)) &= (9 \times (8! - 7!)) - ((6 \times 5! - 4) \times (3!^2 - 1)) \\
 292461 &:= ((1 + 2)! + ((3^4 \times (5! + 6)) + 7 \times 8!)) + 9 &= (9 \times ((8! - 7) - 6^5)) - ((4! + 3!!)/2 \times 1) \\
 292462 &:= 1 - ((2 + 3)! + ((4! + 5) \times (6 \times 7! - 8! - 9))) &= (9 \times ((8! - 7) - 6^5)) - (((4! + 3!!)/2) - 1) \\
 292463 &:= (1 - (2 \times (3! + 4!))) \times (5 + 6 - (7! - 8 \times 9)) &= (9 \times ((8!/7 + 6!) \times 5)) + ((4! \times (3!^2)) - 1) \\
 292464 &:= (((((1 + 2 \times 3!!) \times (4! + 5)) - 6) \times 7) - 8) - 9 &= (9 - ((8 - 7!) \times 6)) + ((5! + (4^{3^2})) - 1) \\
 292465 &:= 1 + 2 \times 3!! + (4! \times (5 + ((6! - 7) \times (8 + 9)))) &= (9 \times ((8!/7 + 6!) \times 5)) + ((4! \times (3!^2)) + 1) \\
 292466 &:= 1 \times 2 \times (3! - (((4! + 5) \times (6 - 7! - 8)) - 9)) &= (9 - ((8 - 7!) \times 6)) + (5! + ((4^{3^2}) + 1)) \\
 292467 &:= ((1 + 2)!)! + (3 \times (4 + ((5 + (6! \times (7 + 8))) \times 9))) &= (9 \times (8! - 7!)) - (6^5 + ((4! \times 3!!) - 2 - 1)) \\
 292468 &:= (((1 + 2)! \times 3!!) - (4! - 5)) \times (67 - 8 + 9) &= ((9 \times ((8! - 7) - 6^5)) - 4) - (3!!/2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 292469 &:= 1 \times (((2 \times 3!)^4) + (5 + (6 \times ((7! - 8) \times 9)))) &= 9 \times 8 + (7 \times (((6 + ((5 + 4!) \times 3!)) \times 2) - 1)) \\
 292470 &:= (1 + (((2 \times 3!)^4) + 5)) + (6 \times ((7! - 8) \times 9)) &= ((9 \times ((8! - 7) - 6^5)) - 4) - (3!!/2 - 1) \\
 292471 &:= 1 + (2 \times (3 + (((4! + 5) \times 6! \times 7) + 8 \times 9))) &= 9 + (((8! \times 7) - (6! \times 5)) + (4!^3)) - (2 \times 1)) \\
 292472 &:= (((1 + 2)!! - 3!) \times 4!) - (5! - (6^7 - 8!/9)) &= (9 \times ((8 + 7!) \times 6)) + (((5! + (4! - 3))^2) - 1) \\
 292473 &:= ((1 + 2)!)! + (((3 \times 4!) + 5) \times (((6 \times 7!)/8) + 9)) &= (9 \times ((8 + 7!) \times 6)) + ((5! + (4! - 3))^2 \times 1) \\
 292474 &:= 1 \times (((2 + 3) + 4!) \times (5 - (6 \times 7! - 8!))) + 9 &= (9 \times ((8 + 7!) \times 6)) + (((5! + (4! - 3))^2) + 1) \\
 292475 &:= (1 + (((2 + 3) + 4!) \times (5 - (6 \times 7! - 8!)))) + 9 &= ((9 \times ((8! - 7) - 6^5)) + ((4 - 3!!)/2)) \times 1 \\
 292476 &:= ((1 + 2^{3!}) \times (4 + 5!)) + (6^7 + 8!/9) &= ((9 \times ((8! - 7) - 6^5)) + 4) - (3!!/2 + 1) \\
 292477 &:= (1 + (2 \times ((3! + ((4! + 5) \times 6!)) \times 7))) + 8 \times 9 &= 9 \times 8 + ((7 \times ((6 + ((5 + 4!) \times 3!)) \times 2)) + 1) \\
 292478 &:= 1 \times (2 \times (((3!! + 4) \times (5 \times 6 \times 7 - 8)) - 9)) &= 9 + (((8! \times 7) - 6) + (5 \times (4^{3!}/2 - 1))) \\
 292479 &:= 1 + (2 \times (((3!! + 4) \times (5 \times 6 \times 7 - 8)) - 9)) &= 9 + (((8! \times 7) - (6! \times 5)) + (4!^3 + (2 + 1)!)) \\
 292480 &:= (((1 + 2 \times 3!!) \times (4! + 5)) - 6) \times 7 + (8 - 9) &= (((9 + 8) + 7!) \times 6) - (5 - ((4^{3^2}) - 1)) \\
 292481 &:= ((1 + ((2 + 3!)! + 4))/5) + (6^7 + 8!/9) &= (((((9 + 8) + 7!) \times 6) - 5) + (4^{3^2})) \times 1 \\
 292482 &:= (((((1 + 2 \times 3!!) \times (4! + 5)) - 6) \times 7) - 8) + 9 &= 9 + (((8! \times 7) - 6) + ((5 \times 4^{3!})/2)) - 1) \\
 292483 &:= ((1 + (2 \times (3! + ((4! + 5) \times 6!)))) \times 7) + 8 \times 9 &= 9 \times 8 + (7 \times (((6 + ((5 + 4!) \times 3!)) \times 2) + 1)) \\
 292484 &:= (((1 + 2 \times 3!!) \times 4) + (56 \times 7!)) + 8!/9 &= (9 + 8! \times 7) - (6 - (((5 \times 4^{3!})/2) + 1)) \\
 292485 &:= (((1 + ((2 + 3!)! + 4))/5) + 6^7) + 8!/9 &= 9 + ((8! \times 7) - (((6 - (5 \times 4^{3!}))/2) + 1)) \\
 292486 &:= ((1 + 2 \times 3!!) \times ((4! - 5 + 6) \times 7)) + (8! - 9) &= (9 \times ((8! - 7) - 6^5)) + (((4! - 3!!)/2) + 1) \\
 292487 &:= 1 \times ((2 \times ((3!! + 4) \times (5 \times 6 \times 7 - 8))) - 9) &= 9 + ((8! \times 7) - (((6 - (5 \times 4^{3!}))/2) - 1)) \\
 292488 &:= (1 + (2 \times ((3!! + 4) \times (5 \times 6 \times 7 - 8)))) - 9 &= (9 + 8! \times 7) - (6 - (5 \times (4^{3!}/2 + 1))) \\
 292489 &:= (((12 + 3)^4) - (5 + (6 \times (7 - 8!)))) - 9 &= ((9 + (8! \times 7!/6!)) + ((5 \times 4^{3!})/2)) \times 1 \\
 292490 &:= 1 - (2 + ((3 - ((4 \times 5!) - 6)) \times (7!/8 - 9))) &= (9 + 8! \times 7 + 6) + (5 \times (4^{3!}/2 - 1)) \\
 292491 &:= (1 - 2) \times ((3 - ((4 \times 5!) - 6)) \times (7!/8 - 9)) &= 9 + ((8! \times 7 + ((6 + (5 \times 4^{3!}))/2)) - 1) \\
 292492 &:= ((1 + 2)!)! + ((3!! + 4) \times (((5 \times (6! + 7)) - 8)/9)) &= 9 + (8! \times 7 + ((6 + (5 \times 4^{3!}))/2 \times 1)) \\
 292493 &:= 1 \times 2 - ((3 - ((4 \times 5!) - 6)) \times (7!/8 - 9)) &= (((9 + (8! + 7!)) \times 6) + 5!) + (((4!/3!)/2) - 1) \\
 292494 &:= (1 + 2) - ((3 - ((4 \times 5!) - 6)) \times (7!/8 - 9)) &= (9 + 8! \times 7 + 6) + (((5 \times 4^{3!})/2) - 1) \\
 292495 &:= 1 - (2 - (3!^4 + ((5 \times (6 + 7)) \times (8!/9)))) &= (((9 + (8! + 7!)) \times 6) + 5!) + (((4!/3!)/2) + 1) \\
 292496 &:= (((12 + 3)^4) - ((5 - 6 \times 7!) \times 8)) - 9 &= (9 + 8! \times 7) + (6 + (((5 \times 4^{3!})/2) + 1)) \\
 292497 &:= 1 - (((2 - 3! \times 4!) \times 5!) - (6^7 - 8!/9)) &= ((9 \times ((8! - 7) - 6^5)) + 4!) - (3!!/2 \times 1) \\
 292498 &:= (1 + ((2 \times ((3 + 4)!) + (5! - 6))) + (7 \times (8! + 9))) &= ((9 \times ((8! - 7) - 6^5)) + 4!) - (3!!/2 - 1) \\
 292499 &:= ((1 + 2) + 3!^4) + ((5 \times (6 + 7)) \times (8!/9)) &= (9 \times ((8!/7 + 6!) \times 5)) + (((4! + 3!)^2) - 1) \\
 292500 &:= (1 + 2)!! - (((3!! - 4) \times 5) - (6! - (7! - 8!))) \times 9 &= (9 + 8! \times 7) + (6 + (5 \times (4^{3!}/2 + 1))) \\
 292501 &:= 1 - (((2 + 3) \times (4 + (5! \times (6 + 7)))) - 8!) \times 9 &= (9 \times ((8!/7 + 6!) \times 5)) + (((4! + 3!)^2) + 1) \\
 292502 &:= (1 \times 2 + 3!!) + (((4 \times (5 - 6!)) - (7! - 8!)) \times 9) &= (9 \times (8! - (7! + ((6! - 5) \times 4)))) + (3!! + 2 \times 1) \\
 292503 &:= ((1 + 2) + 3!!) + (((4 \times (5 - 6!)) - (7! - 8!)) \times 9) &= (9 - 8) \times (((7! \times 6) + 5!) + (4^{3^2}) - 1) \\
 292504 &:= (1 - (((2 - 3^4) \times 5!) - 6!)) + (7 \times (8! + 9)) &= ((9 - 8) + (7! \times 6)) + ((5! + (4^{3^2})) - 1) \\
 292505 &:= 1 \times ((2 \times ((3!! + 4) \times (5 \times 6 \times 7 - 8))) + 9) &= (9 - 8) \times (((7! \times 6) + 5!) + ((4^{3^2}) + 1))
 \end{aligned}$$

$$\begin{aligned}
 292506 &:= (1 + (2 \times ((3!! + 4) \times (5 \times 6 \times 7 - 8)))) + 9 &= 9 - (((8 - (7 \times (6 \times 5))) \times ((4 + 3!!) \times 2)) - 1) \\
 292507 &:= 1 - (2 \times (3! + ((4 - (5^6 + 7!/8)) \times 9))) &= (9 - (8 \times 7 + 6)) \times (((5! - (4 \times 3!!)) \times 2) + 1) \\
 292508 &:= 1 - (2 - ((3^4 \times (5! + 6)) + (7 \times (8! + 9)))) &= (9 \times ((8! - 7) - (6^5 - 4))) - (3!!/2 + 1) \\
 292509 &:= (((1 + 2)! + 3!)^4) + ((5 + (6 \times (7! - 8))) \times 9) &= (9 \times ((8! - 7) - 6^5)) - ((4! - 3!)^2 \times 1) \\
 292510 &:= (1 + ((2 \times 3!)^4)) + ((5 + (6 \times (7! - 8))) \times 9) &= (9 \times ((8! - 7) - 6^5)) - (((4! - 3!)^2) - 1) \\
 292511 &:= 1 \times (2 + ((3^4 \times (5! + 6)) + (7 \times (8! + 9)))) &= ((9 \times (8 + (7! \times 6))) + 5!) + (((4!/3)!/2) - 1) \\
 292512 &:= 1 + (2 + ((3^4 \times (5! + 6)) + (7 \times (8! + 9)))) &= 9 + (((8! - 7) - (6 \times (5^4))) \times (3! + 2)) - 1) \\
 292513 &:= (((1 + (2 \times (3!! - 4!))) \times (5 \times 6 \times 7)) - 8) - 9 &= ((9 \times (8 + (7! \times 6))) + 5!) + (((4!/3)!/2) + 1) \\
 292514 &:= 1 \times 2 \times (((3!! + 4) \times (5 \times 6 \times 7 - 8)) + 9) &= 9 + (((8! - 7) - (6 \times (5^4))) \times (3! + 2)) + 1) \\
 292515 &:= ((1 + 2)! + (3^4 \times (5! + 6))) + (7 \times (8! + 9)) &= (9 \times (8! - ((7 + ((6!/5!)^4)) \times 3!)) - (2 + 1)) \\
 292516 &:= ((12 \times (3!! - 45)) + 6^7) + 8!/9 &= (9 \times (8! - ((7 + ((6!/5!)^4)) \times 3!)) - 2 \times 1) \\
 292517 &:= (((12 + 3)^4) + (5 - (6 \times (7 - 8)))) + 9 &= (9 \times ((8! + 7) - 6^5)) - (((4! - 3!)^2) + 1) \\
 292518 &:= 1 - (2^{3!} + ((4! + 5) \times (6 \times 7! - 8! - 9))) &= ((9 + 8) + ((7 + 6) \times ((5 \times (4! + 3!))^2))) + 1) \\
 292519 &:= (1 - (((2 + 3!!) \times 4!) - 5!)) \times ((6 - 7) \times (8 + 9)) &= (9 \times ((8! + 7) - 6^5)) - (((4! - 3!)^2) - 1) \\
 292520 &:= ((1 - 2) + (3 \times 4!)) \times (5! + ((6! - (7! - 8!))/9)) &= 9 + (((8 + ((7! \times 6) + 5!)) + (4^{3^2})) - 1) \\
 292521 &:= (12 \times (((3 \times (4^5 - 6)) - 7) \times 8)) + 9 &= ((9 \times (8! - ((7 + ((6!/5!)^4)) \times 3!)) + 2) + 1) \\
 292522 &:= 1 - ((2 \times (((3 - 4!) \times (5 + (6! \times 7))) - 8!)) + 9) &= 9 + ((8 + ((7! \times 6) + 5!)) + ((4^{3^2}) + 1)) \\
 292523 &:= (1 + 2 \times 3!!) \times (4! + (5! + (6 \times 7 + 8 + 9))) &= (9 \times (8 \times 7! - 6^5)) - (((4! + 3!!)/2) + 1) \\
 292524 &:= 12 \times (((3!! \times 4 - (5! - 6!)) \times 7) + 8 + 9) &= (((((9 + 8!) \times 7) - (6! \times 5)) + (4!^3)) - 2) - 1) \\
 292525 &:= 1 + (2 \times (((34 - 5) \times (6 + 7!)) - 8 \times 9)) &= (((((9 + 8!) \times 7) - (6! \times 5)) + (4!^3)) - 2) \times 1) \\
 292526 &:= -1 + (((((2 + 3) + (4 \times 5!)) \times 67) + 8) \times 9) &= (((((9 + 8!) \times 7) - (6! \times 5)) + (4!^3)) - 2) + 1) \\
 292527 &:= 1 - (((2 \times (3 + 4!)) + 5) \times (6 - 7!)) + 8!/9 &= (((9 + 8!) \times 7) + (6!/5)) + (((4 + 3)!) \times 2 \times 1) \\
 292528 &:= (((12 + 3)^4) - 5) + (6 \times (7 + 8! - 9)) &= (((((9 + 8!) \times 7) - (6! \times 5)) + (4!^3 + 2)) - 1) \\
 292529 &:= (((1 + (2 \times (3!! - 4!))) \times (5 \times 6 \times 7)) + 8) - 9 &= (((((9 + 8!) \times 7) - (6! \times 5)) + (4!^3 + 2)) \times 1) \\
 292530 &:= 1 \times (2 \times ((3 + ((4! + 5) \times (6 + 7!))) - 8 \times 9)) &= (((((9 + 8!) \times 7) - (6! \times 5)) + (4!^3 + 2)) + 1) \\
 292531 &:= 1 - (2 \times ((3! + 4!) - ((5^6 + 7!/8) \times 9))) &= ((9 \times (8 \times 7! - 6^5)) - 4) - (3!!/2 + 1) \\
 292532 &:= (((1 - 2) + (3^4 \times 5)) \times (6! - 7)) + 8!/9 &= 9 - (((8! + ((7 - 6^5 \times 4) \times 3!)) \times 2) + 1) \\
 292533 &:= (((((-1 + 2) + 3!)^4) \times 5!) - 67) + 8!/9 &= ((9 \times (8 \times 7! - 6^5)) - 4) - (3!!/2 - 1) \\
 292534 &:= (-1 \times 2) + (((3!! \times 45) + ((6 + 7) \times 8)) \times 9) &= 9 - (((8! + ((7 - 6^5 \times 4) \times 3!)) \times 2) - 1) \\
 292535 &:= 1 - (2 - ((3!! \times 4! - (5 + 67)) \times (8 + 9))) &= (9 \times (8 \times 7! - 6^5)) - (((4 + 3!!)/2) - 1) \\
 292536 &:= (((1 + 2)^3) + 4!) \times (5! - ((6 - 7!/8) \times 9)) &= ((9 + 8!) \times 7) - (6 - (((5 \times 4^{3!})/2) - 1)) \\
 292537 &:= (1 + ((2 + (3^4 \times 5)) \times 6!)) - (7 \times 8 \times 9) &= (((((9 + 8!) \times 7) - 6) + ((5 \times 4^{3!})/2)) \times 1) \\
 292538 &:= 1 \times 2 - (3 \times (((4 - 5!) \times 6) - 7!) \times (8 + 9)) &= 9 + (((8! + (((7 \times 6!) + 5) \times (4! - 3))) \times 2) - 1) \\
 292539 &:= 1 \times ((2 \times (((3 + 4)!) + (5! - 6))) + 7 \times 8! - 9) &= ((9 + 8!) \times 7) - (((6 - (5 \times 4^{3!}))/2) + 1) \\
 292540 &:= (1 - (2 \times (((3 - 4!) \times (5 + (6! \times 7))) - 8!)) + 9 &= ((9 \times (8 \times 7! - 6^5)) + (4 - 3!!/2)) \times 1) \\
 292541 &:= (((12 + 3)^4) + 5) + ((6 \times 7! \times 8) - 9) &= (((9 - 8!) - ((7 - 6^5 \times 4) \times 3!)) \times 2) - 1) \\
 292542 &:= (1 + 2)! - (3 \times (((4 - 5!) \times 6) - 7!) \times (8 + 9)) &= (((9 - 8!) - ((7 - 6^5 \times 4) \times 3!)) \times 2) \times 1) \\
 292543 &:= 1 - (2 \times ((3! \times 4) - ((5^6 + 7!/8) \times 9))) &= (((9 - 8!) - ((7 - 6^5 \times 4) \times 3!)) \times 2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 292544 &:= 1 \times (2^{3!} \times (((4! - (5 + 6)) \times 7) + 8!/9)) &= (((9 + 8!) \times 7) + 6) + (5 \times (4^{3!}/2 - 1)) \\
 292545 &:= (1 - 2 \times 3!) \times ((4! + 5) - ((6^7 - 8!)/9)) &= (((9 + 8!) \times 7) + ((6 + (5 \times 4^{3!})/2)) - 1 \\
 292546 &:= 1 - ((2 + (((3!^4 + 5) \times 6) + 7 - 8!)) \times 9) &= (((9 + 8!) \times 7) + ((6 + (5 \times 4^{3!})/2)) \times 1 \\
 292547 &:= (((1 + (2 \times (3!! - 4!))) \times (5 \times 6 \times 7)) + 8) + 9 &= (((9 + 8!) \times 7) + ((6 + (5 \times 4^{3!})/2)) + 1 \\
 292548 &:= (((((1 + 2 \times 3!!) \times (4! + 5)) + 6) \times 7) - 8) - 9 &= (((9 + 8!) \times 7) + 6) + (((5 \times 4^{3!})/2) - 1) \\
 292549 &:= 1 - (2 \times (((3 - 4!) \times (5 + (6! \times 7))) - 8! - 9)) &= (9 \times (8 \times 7! - 6^5)) + (((4! - 3!)/2) + 1) \\
 292550 &:= (((12 + 3^4) + 5) + (6 \times ((7 - 8 + 9)!)) &= ((9 + 8!) \times 7) + (6 + (((5 \times 4^{3!})/2) + 1)) \\
 292551 &:= (1 - ((2 - 3!!) \times (4! + 5))) + (6 \times ((7! - 8) \times 9)) &= (9 + (8! + (7! - (6! \times 5 - 4!)))) \times (3! + (2 - 1)) \\
 292552 &:= (((12 + 3^4) - 5) - (6 \times (7 - 8! - 9)) &= 9 - (8 + (((7 + 6) - 5!) - 4!^3) \times 21)) \\
 292553 &:= (((1 + 2 \times 3!!) \times (4! + 5)) - 6) \times 7 + 8 \times 9 &= (9 + 8! \times 7) - (6! - (((5 \times (4! - 3!))^2) - 1)) \\
 292554 &:= 1 \times 2 \times ((3! - 4!) + ((5^6 + 7!/8) \times 9)) &= ((9 + 8!) \times 7) + (6 + (5 \times (4^{3!}/2 + 1))) \\
 292555 &:= 1 - (((2 + 3!!) \times 4) - (5! - ((6 + 7!) - 8!)) \times 9) &= 9 + (((8! \times 7) - 6!) + (((5 \times (4! - 3!))^2) + 1)) \\
 292556 &:= (1 + 2)!! - (3 + (((4! \times (5 - 6!)) - 7) \times (8 + 9))) &= ((9 + 8! - (7! \times 6)) \times (5 + 4!)) - ((3! - 2)! + 1) \\
 292557 &:= 1 \times ((2 \times (((3 + 4)!) + (5! - 6))) + (7 \times 8! + 9)) &= (9 + ((8 \times 7! - 6!)/5!)) \times ((4! \times (3!^2)) - 1) \\
 292558 &:= (1 + ((2 \times (((3 + 4)!) + (5! - 6))) + 7 \times 8!)) + 9 &= ((9 + 8! - (7! \times 6)) \times (5 + 4!)) - ((3! - 2)! - 1) \\
 292559 &:= (((12 + 3^4) + (5 + (6 \times 7! \times 8))) + 9 &= ((9 \times (8 \times 7! - 6^5)) + 4!) - (3!!/2 + 1) \\
 292560 &:= 1 \times 2 \times ((3!! \times 4 - 5!) \times ((6 + 7 \times 8) - 9)) &= (9 + ((8 + 7!) \times 6)) + ((5! + (4^{3^2})) - 1) \\
 292561 &:= (1 - (2 + 3!)) + (4! \times ((5 + (6! + 7!/8) \times 9)) &= ((9 \times (8 \times 7! - 6^5)) + 4!) - (3!!/2 - 1) \\
 292562 &:= 1 - (2 + (((3!^4 + 5) \times 6) + 7 - 8!) \times 9) &= (9 + ((8 + 7!) \times 6)) + (5! + ((4^{3^2}) + 1)) \\
 292563 &:= (1 + 2) + (3! \times ((4! \times (5 + 6!)) + (7 \times 8!/9))) &= (9 \times ((8! + 7) - (6^5 + 4))) - (3!!/2 \times 1) \\
 292564 &:= (((1 + 2 \times 3!!) \times (4! + 5)) + 6) \times 7 + (8 - 9) &= (9 \times ((8! + 7) - (6^5 + 4))) - (3!!/2 - 1) \\
 292565 &:= 1 \times (2 - (((3!^4 + 5) \times 6) + 7 - 8!) \times 9) &= (9 - (((8 \times 7) - (6 \times ((5 + 4!)^3))) \times 2)) \times 1 \\
 292566 &:= (((((1 + 2 \times 3!!) \times (4! + 5)) + 6) \times 7) - 8) + 9 &= (9 - (((8 \times 7) - (6 \times ((5 + 4!)^3))) \times 2)) + 1 \\
 292567 &:= 1 - (2 \times ((3 \times 4) - ((5^6 + 7!/8) \times 9))) &= (9 + (((8 \times 76) \times (5! \times 4)) + (3!! - 2))) \times 1 \\
 292568 &:= 1 \times (((2^{3 \times 4}) \times 5) + ((6 \times 7! - 8) \times 9)) &= (9 + ((8! - 7!) \times 6)) + (((5! + (4!/3)!) \times 2) - 1) \\
 292569 &:= (1 - ((2 - 3!!) \times 4!)) - (5! - (6^7 - 8!/9)) &= ((9 + 8! \times 7) - 6!) + (5! \times (4 \times ((3! - 2)! - 1))) \\
 292570 &:= 1 - (2 \times 3! + ((4! + 5) \times (6 \times 7! - 8! - 9))) &= (9 + ((8! - 7!) \times 6)) + (((5! + (4!/3)!) \times 2) + 1) \\
 292571 &:= 1 - (2 \times ((3! + 4) - ((5^6 + 7!/8) \times 9))) &= ((9 + 8! - (7! \times 6)) \times (5 + 4!)) - (3^2 + 1) \\
 292572 &:= (1 - (2 \times (3 - 4!))) \times ((5! + (6 + 7!/8) \times 9) &= (9 \times (8 \times 7! - 6^5)) - ((4! - 3!)^2 \times 1) \\
 292573 &:= (1 + (((2 + 3!!) - (4 - (5! + 6!))) \times 7)) + 8!/9 &= (9 \times (8 \times 7! - 6^5)) - (((4! - 3!)^2) - 1) \\
 292574 &:= 1 - ((2 \times (3 - ((4! + 5) \times (6 + 7!)))) + 89) &= ((9 \times ((8! + 7) - 6^5)) - 4!) - (3!!/2 + 1) \\
 292575 &:= 1 \times ((2 \times (((3 + 4)!) + 5!)) + (6 + (7 \times 8! + 9))) &= ((9 \times 8) + (7! \times 6)) + ((5! + (4^{3^2})) - 1) \\
 292576 &:= (1 + ((2 \times (((3 + 4)!) + 5!)) + (6 + 7 \times 8!)) + 9 &= ((9 \times ((8! + 7) - 6^5)) - 4!) - (3!!/2 - 1) \\
 292577 &:= 1 \times (2 - (3! + ((4! + 5) \times (6 \times 7! - 8! - 9)))) &= 9 - ((8!/7!) \times ((6 \times (5^4)) - ((3! + 2)! + 1))) \\
 292578 &:= 1 \times ((2 + (3!! + 4)) \times (((5 \times (6! + 7)) - 8)/9)) &= (9 \times ((8! - 7) - 6^5)) - ((4^{3! - 2}) - 1) \\
 292579 &:= 1 + ((2 + (3!! + 4)) \times (((5 \times (6! + 7)) - 8)/9)) &= (((9 + 8! - (7! \times 6)) \times (5 + 4!)) - (3 - 2)) - 1 \\
 292580 &:= 1 \times 2 - (3 + ((4! + 5) \times (6 \times 7! - 8! - 9))) &= (9 \times ((8! - 7) - (6^5 + 4!))) - (3!^2 + 1) \\
 292581 &:= ((1 + 2) \times (((3!! \times 4!)/5) - 6)) + (7 \times 8! - 9) &= (((9 + 8! - (7! \times 6)) \times (5 + 4!)) - (3 - 2)) + 1
 \end{aligned}$$

$$\begin{aligned}
 292582 &:= (1 + ((2 \times ((3 + 4))! + (5! + 6))) + 7 \times 8!) + 9 &= (9 \times ((8! - 7) - (6^5 + 4!))) - (3!^2 - 1) \\
 292583 &:= 1 - ((2 - 3) + ((4! + 5) \times (6 \times 7! - 8! - 9))) &= ((9 + 8! - (7! \times 6)) \times (5 + 4!)) + (3!/(2 + 1)) \\
 292584 &:= ((1 + 2) - ((3! - 4!) \times (5^6 + 7!/8))) - 9 &= (9 \times (8 \times 7! - 6^5)) - (4! \times (3! \times 2 + 1)) \\
 292585 &:= (1 + (((2 \times 3!)^4 + 5!)) + (6 \times ((7! - 8) \times 9))) &= (((9 + 8! - (7! \times 6)) \times (5 + 4!)) + 3!) - 2 \times 1 \\
 292586 &:= 1 - (2 - (3! - ((4! + 5) \times (6 \times 7! - 8! - 9)))) &= (9 \times ((8! + 7) - 6^5)) - (((4! + 3!)/2) + 1) \\
 292587 &:= 1 - (2 \times ((3! - 4) - ((5^6 + 7!/8) \times 9))) &= (9 \times ((8! + 7) - 6^5)) - ((4! + 3!)/2 \times 1) \\
 292588 &:= 1 \times (2 \times ((3 - 4) + ((5^6 + 7!/8) \times 9))) &= (9 \times ((8! + 7) - 6^5)) - (((4! + 3!)/2) - 1) \\
 292589 &:= 1 - (2 - ((3! - 4) \times ((5^6 + 7!/8) \times 9))) &= 9 + 8! + (((7! + 6) \times 5) - 4) \times (3^2 + 1) \\
 292590 &:= 1 + ((2 + 3!) - ((4! + 5) \times (6 \times 7! - 8! - 9))) &= (9 - (8 + 7)) \times (((6 - ((5 + 4!)^3)) \times 2) + 1) \\
 292591 &:= ((1 + (2^{3 \times 4})) \times 5) + (6 \times (7! + 8! - 9)) &= ((9 + 8! - (7! \times 6)) \times (5 + 4!)) + 3^2 + 1 \\
 292592 &:= 1 - ((2 \times (3!! + (4 \times ((5 \times (6! - 7)) - 8!)))) + 9) &= 9 - (((8! + 7) - ((6^5 \times 4!) - 3!)) \times 2) - 1) \\
 292593 &:= 1 \times (2 \times 3! - ((4! + 5) \times (6 \times 7! - 8! - 9))) &= (9 + (8!/7)) + ((6^5 - 4!) \times (3!^2 + 1)) \\
 292594 &:= 1 \times (2 \times ((3! - 4) + ((5^6 + 7!/8) \times 9))) &= ((9 \times ((8! + 7) - 6^5)) - (4 + 3!!/2)) - 1 \\
 292595 &:= 1 + (2 \times ((3! - 4) + ((5^6 + 7!/8) \times 9))) &= ((9 \times ((8! + 7) - 6^5)) - (4 + 3!!/2)) \times 1 \\
 292596 &:= (1 \times 2 + (3 \times 4!)) \times (5! + (6 \times (7!/8 + 9))) &= ((9 \times ((8! + 7) - 6^5)) - 4) - (3!!/2 - 1) \\
 292597 &:= 1 - (((2 - (3 \times (4 \times 5))) \times (6 + 7!)) + 8 \times 9) &= 9 - (((8! + 7) - ((6^5 \times 4!) - 3)) \times 2 \times 1) \\
 292598 &:= 1 - ((2 + ((3! - 4!) \times (5^6 + 7!/8))) - 9) &= 9 + 8! - ((7 + (6 \times 5!)) \times (((4! - 3!)/2) + 1)) \\
 292599 &:= 1 - (2 \times (3! - ((4! + 5) \times (6 + (7! + (8 - 9)))))) &= (9 \times ((8! + 7) - (6^{5!/4!}))) - (3!!/2 \times 1) \\
 292600 &:= (1 + (2 \times (3 + 4!))) \times (5! + (6! + (7! \times 8/9))) &= (9 \times ((8! + 7) - (6^{5!/4!}))) - (3!!/2 - 1) \\
 292601 &:= 1 \times (2 - (((3! - 4!) \times (5^6 + 7!/8)) - 9)) &= (9 \times ((8! + 7) - 6^5)) + ((4 - 3!!)/2 \times 1) \\
 292602 &:= 1 + (2 - (((3! - 4!) \times (5^6 + 7!/8)) - 9)) &= ((9 \times ((8! + 7) - 6^5)) + 4) - (3!!/2 + 1) \\
 292603 &:= 1 - (2 \times (3 - (4! \times (5! + ((6! - (7 \times 8)) \times 9)))) &= ((9 \times ((8! + 7) - 6^5)) + 4) - (3!!/2 \times 1) \\
 292604 &:= 1 \times 2 \times ((3 + 4) + ((5^6 + 7!/8) \times 9)) &= ((9 \times ((8! + 7) - 6^5)) + 4) - (3!!/2 - 1) \\
 292605 &:= ((1 + 2)! - ((3! - 4!) \times (5^6 + 7!/8))) + 9 &= 9 - ((8 \times 7! - ((6^5 \times 4!) - 3!)) \times 2 \times 1) \\
 292606 &:= -1 \times (2 - ((3!! \times (4! + 5)) + (6 \times ((7! - 8) \times 9)))) &= 9 - (((8 \times 7! - ((6^5 \times 4!) - 3!)) \times 2) - 1) \\
 292607 &:= 1 - (2 - ((3!! \times (4! + 5)) + (6 \times ((7! - 8) \times 9)))) &= (9 \times ((8! - 7) - (6^5 + 4!))) - (3^2 + 1) \\
 292608 &:= (((1 \times 2 + 3!) \times 4^5) + 6^7) + 8!/9 &= ((9 + 8!) \times 7) - (6! - ((5 \times (4! - 3))^2 \times 1)) \\
 292609 &:= (1 + (((2 + 3!) \times 4^5) + 6^7)) + 8!/9 &= 9 + 8! + ((7 \times (6! \times 5 + 4)) \times (3^2 + 1)) \\
 292610 &:= (1 - (2 \times (3!! + (4 \times ((5 \times (6! - 7)) - 8!)))) + 9 &= 9 + (((8! + ((7 - 6!) \times 5)) \times 4) - 3!!) \times 2 + 1) \\
 292611 &:= 1 - ((2 - (3 \times (4 \times 5))) \times (6 + (7! + (8 - 9)))) &= (9 \times ((8! + 7) - 6^5)) + ((4! - 3!)/2 \times 1) \\
 292612 &:= 1 - (((2 - (3 \times 4)) \times 5) \times (6 + 7!)) - 8! + 9 &= 9 - (((8 \times 7! - ((6^5 \times 4!) - 3)) \times 2) - 1) \\
 292613 &:= 1 \times (2 + (((3! + 4) \times (5 \times (6 + 7!))) + 8! - 9)) &= ((9 + 8! - 7!) \times 6) + (((5! + (4!/3!)) \times 2) - 1) \\
 292614 &:= 1 + (2 + (((3! + 4) \times (5 \times (6 + 7!))) + 8! - 9)) &= 9 - (((8! + 7) - ((6^5 \times 4!) + 3!)) \times 2) + 1) \\
 292615 &:= 1 \times (((2 \times (3! \times 4! + 5^6)) + 7!) \times 8) - 9 &= ((9 + 8! - 7!) \times 6) + (((5! + (4!/3!)) \times 2) + 1) \\
 292616 &:= (1 + (((2 \times (3! \times 4! + 5^6)) + 7!) \times 8)) - 9 &= (9 \times ((8! - 7) - 6^5)) - ((4! \times (3^2)) + 1) \\
 292617 &:= (1 - 2^{3!}) + (4! \times ((5 + (6! + 7!/8)) \times 9)) &= ((9 \times ((8! - 7) - (6^5 + 4!)))/3) \times (2 + 1) \\
 292618 &:= 1 \times (((2 + 3!! \times 4!) - 5!) + 6^7) - 8!/9 &= (9 \times ((8! - 7) - 6^5)) - ((4! \times (3^2)) - 1) \\
 292619 &:= 1 - (2 \times (3!! + ((4 \times ((5 \times (6! - 7)) - 8!)) - 9))) &= 9 - (((8! - 7) - ((6^5 \times 4!) - 3!)) \times 2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 292620 &:= 1 + (2 + ((3^4 \times 5!) + (6! + (7 \times (8! - 9)))))) &= (9 - (8 \times 7)) + ((6 \times (((5 + 4!)^3) \times 2)) - 1) \\
 292621 &:= (((1 + 2 \times 3!) + 4^5) - 6) \times (7 \times (8 + 9)) &= 9 + 8! - 7 - (((6! + 5) \times ((4! - 3!)/2)) + 1) \\
 292622 &:= 1 \times (2 \times (3! + ((4! + 5) \times (6 + (7! + (8 - 9)))))) &= ((9 \times ((8! + 7) - 6^5)) + 4!) - (3!/2 + 1) \\
 292623 &:= (((1 - 2) + 3^4) \times 5!) + (6! + (7 \times (8! + 9))) &= 9 + 8! - 7 - (((6! + 5) \times ((4! - 3!)/2)) - 1) \\
 292624 &:= 1 \times (((2 + (3^4 \times 5)) \times (6! + (7 - 8))) - 9) &= 9 - (((8 \times 7! - ((6^5 \times 4!) + 3)) \times 2) - 1) \\
 292625 &:= (1 + ((2 + (3^4 \times 5)) \times (6! + (7 - 8)))) - 9 &= 9 - (((8! - 7) - ((6^5 \times 4!) - 3)) \times 2 \times 1) \\
 292626 &:= 1 \times 2 \times (((3! - 4) + (5^6 + 7!/8)) \times 9) &= 9 - (((8! - 7) - ((6^5 \times 4!) - 3)) \times 2) - 1) \\
 292627 &:= (1 + 2)! + (((3! \times (4! \times 5!)) - 67) \times (8 + 9)) &= (9 \times ((8! - 7) - (6^5 + 4!))) + 3^2 + 1 \\
 292628 &:= 1 \times (((2 + 3!)! + (4 + (5! + 6!))) \times 7) + 8!/9 &= 9 - (((8 \times 7! - ((6^5 \times 4!) + 3!)) \times 2) + 1) \\
 292629 &:= (1 + (((2 + 3!)! + (4 + (5! + 6!))) \times 7)) + 8!/9 &= ((9 + 8 \times 7) \times ((6 \times ((5!/4) + 3!)) + 2)) - 1 \\
 292630 &:= (1 - (((2 - 3!) - 4^5) \times 6)) + (7 \times (8! - 9)) &= 9 + 8 \times 7! - (((6! + 5) \times ((4! - 3!)/2)) - 1) \\
 292631 &:= (1 \times 2 + (((3! + 4) \times (5 \times (6 + 7!))) + 8!)) + 9 &= ((9 \times ((8 + 7!) \times 6)) - 5!) + (((4!/3)!/2) - 1) \\
 292632 &:= 1 - ((2 \times (3! - (((4! + 5) \times (6 + 7!)) - 8))) + 9) &= 9 - (((8! - 7) - (6^5 \times 4 \times 3!)) \times 2) - 1) \\
 292633 &:= 1 \times (((2 \times (3! \times 4! + 5^6)) + 7!) \times 8) + 9 &= ((9 \times ((8 + 7!) \times 6)) - 5!) + (((4!/3)!/2) + 1) \\
 292634 &:= (1 + (((2 \times (3! \times 4! + 5^6)) + 7!) \times 8)) + 9 &= (9 \times ((8! + 7) - (6^5 - 4!))) - (3!/2 + 1) \\
 292635 &:= ((1 + ((2 + 3!)! + (4 + (5! + 6!)))) \times 7) + 8!/9 &= (9 + 8! + (7 - ((6! + 5) \times ((4! - 3!)/2)))) - 1 \\
 292636 &:= (1 + ((2 + 3^4) \times (5! + 6))) + (7 \times (8! - 9)) &= 9 - (((8! - 7) - ((6^5 \times 4!) + 3)) \times 2) + 1) \\
 292637 &:= (((1 + 2 \times 3!) \times (4! + 5)) + 6) \times 7) + 8 \times 9 &= (9 + 8! + (7 - ((6! + 5) \times ((4! - 3!)/2)))) + 1) \\
 292638 &:= 1 \times (2 \times ((3! \times 4) + ((5^6 + 7!/8) \times 9))) &= 9 - (((8! - 7) - ((6^5 \times 4!) + 3)) \times 2) - 1) \\
 292639 &:= 1 + (2 \times ((3! \times 4) + ((5^6 + 7!/8) \times 9))) &= (9 \times (8! - 7!)) + (6! - (((5! \times 4)/3)^2) + 1) \\
 292640 &:= (1 - ((2 \times (3! - ((4! + 5) \times (6 + 7!)))) + 8)) - 9 &= 9 + (((8! + 7!) \times 6) + ((5 \times (4^3 - 2)) + 1)) \\
 292641 &:= 1 - (((2 \times (3 + 4!)) + 5) \times ((6! - (7! + 8!))/9)) &= (9 \times (8! - 7!)) + (6! - (((5! \times 4)/3)^2) - 1) \\
 292642 &:= 1 \times (((2 + (3^4 \times 5)) \times (6! + (7 - 8))) + 9) &= (9 \times ((8! - 7) - (6^5 + 4!))) + ((3! - 2)! + 1) \\
 292643 &:= (1 \times 2 + (3! \times (4^5 + 6!))) + (7 \times (8! - 9)) &= (9 \times (8 \times 7! - (6^5 + 4!))) - (3!^2 + 1) \\
 292644 &:= 1 \times 2 \times (3 + 4! + ((5^6 + 7!/8) \times 9)) &= (9 \times (8 \times 7 + ((6! + 5) \times 4))) \times ((3! \times 2) - 1) \\
 292645 &:= 1 \times ((2^3!) - ((4! + 5) \times (6 \times 7! - 8! - 9))) &= (9 \times (8 \times 7! - (6^5 + 4!))) - (3!^2 - 1) \\
 292646 &:= (1 - ((2 \times (3 - ((4! + 5) \times (6 + 7!)))) + 8)) - 9 &= (9 + 8! \times 7) - (6 - (((5! - (4! - 3!))^2) - 1)) \\
 292647 &:= (1 + 2)! + ((3! \times (4^5 + 6!)) + (7 \times (8! - 9))) &= (9 \times ((8! + 7) - 6^5)) - (4! \times (3! \times 2 + 1)) \\
 292648 &:= ((1 + 2) \times (3! - (4! - (5! \times 6!)))) + (7 \times 8!/9) &= (9 + 8! \times 7) - (6 - (((5! - (4! - 3!))^2) + 1)) \\
 292649 &:= (1 \times 2 \times ((3 + ((4! + 5) \times (6 + 7!))) - 8)) - 9 &= 9 - ((8 - (((7! + 6) \times (5 + 4!)) - 3!)) \times 2 \times 1) \\
 292650 &:= 1 \times (2 \times ((3! + 4!) + ((5^6 + 7!/8) \times 9))) &= 9 - (((8 - (((7! + 6) \times (5 + 4!)) - 3!)) \times 2) - 1) \\
 292651 &:= 1 + (2 \times ((3! + 4!) + ((5^6 + 7!/8) \times 9))) &= (9 \times (8 \times 7! - (6^5 + (4! + 3)))) - 2 \times 1 \\
 292652 &:= 1 - (((2 - (3 \times (4 \times 5))) \times (6 + 7!)) + 8 + 9) &= (9 \times ((8! - 7) - (6^5 + 4!))) + (3!^2 - 1) \\
 292653 &:= 1 \times (((2 + 3!)! + 4^5) \times 6) + (7 \times (8! - 9)) &= (9 \times ((8! - 7) - (6^5 - 4!))) - (3!^{2+1}) \\
 292654 &:= (1 + (((2 + 3!)! + 4^5) \times 6)) + (7 \times (8! - 9)) &= 9 - (((8 - (((7! + 6) \times (5 + 4!)) - 3)) \times 2) + 1) \\
 292655 &:= (1 - 2 \times 3!) \times ((4! - 5) - ((6^7 - 8!)/9)) &= (9 \times (8 \times 7! - (6^5 + 4!))) - ((3! - 2)! + 1) \\
 292656 &:= (1 + 2 \times 3!) \times ((4! \times (5 + 6!)) + (7! + 8 \times 9)) &= ((9 \times 8) + 7) + (6! + 5) \times (4 + (3!/2 \times 1)) \\
 292657 &:= ((1 \times 2 \times (3 + ((4! + 5) \times (6 + 7!)))) - 8) - 9 &= (9 \times (8 \times 7! - (6^5 + 4!))) - ((3! - 2)! - 1)
 \end{aligned}$$

$$\begin{aligned}
 292658 &:= (1 - ((2 \times (3! - ((4! + 5) \times (6 + 7!)))) + 8)) + 9 &= (9 + ((8! + 7!) \times 6)) + ((5 \times (4^{3!} + 2)) - 1) \\
 292659 &:= 1 - (2 \times (3! - (((4! + 5) \times (6 + 7!)) - 8 + 9))) &= (9 + 8! \times 7) - ((6 \times 5) \times (((4! - 3!)/2) + 1)) \\
 292660 &:= (-1 + (2 \times (((3! \times 4) + 5) \times (6 + 7!)) - 8)) + 9 &= (9 + ((8! + 7!) \times 6)) + ((5 \times (4^{3!} + 2)) + 1) \\
 292661 &:= (1 + (2 \times (3 - ((4! + 5) \times (6 + 7!)))) \times (8 - 9) &= 9 - 8 - (7 - ((6 \times (((5 + 4!)^3) \times 2)) - 1)) \\
 292662 &:= (1 - (2 \times (3 - ((4! + 5) \times (6 + 7!)))) + (8 - 9) &= 9 - 8 + (((((7! + 6) \times (5 + 4!)) - 3) \times 2) - 1) \\
 292663 &:= 1 \times ((2 \times (3! + ((4! + 5) \times (6 + 7!)))) - (8 + 9)) &= 9 - 8 - (7 - ((6 \times (((5 + 4!)^3) \times 2)) + 1)) \\
 292664 &:= (1 - ((2 \times (3 - ((4! + 5) \times (6 + 7!)))) + 8)) + 9 &= (9 + 8! - 7!) - ((6! + 5) \times (4 - (3!/2 - 1))) \\
 292665 &:= (1 + ((2 + 3!) \times 4!)) - (5! - (6^7 - 8!/9)) &= (((9 \times (8 + 7!)) - 6) \times 5) + ((4^{3!+2}) - 1) \\
 292666 &:= ((1 \times 2 + 3!) \times (4! + 5)) + (6 \times ((7! - 8) \times 9)) &= (9 + 8! \times 7 + 6) + ((5 + 4!) \times (3!/2 - 1)) \\
 292667 &:= (1 + ((2 + 3!) \times (4! + 5))) + (6 \times ((7! - 8) \times 9)) &= (9 \times (8 \times 7! - (6^5 + 4!))) - (3! \times 2 + 1) \\
 292668 &:= 1 - (((2 - (3 \times (4 \times 5))) \times (6 + 7!)) - 8 + 9) &= 9 - 8 - (((7! + 6) \times ((5!/(4 - 3!)) + 2)) + 1) \\
 292669 &:= (1 - 2 \times 3!) + (4! \times ((5 + (6! + 7!/8)) \times 9)) &= 9 + (8! + (((7! + 6) \times 5 + 4) \times (3^2 + 1))) \\
 292670 &:= ((1 - 2) + ((3^4 \times 5!) + 6!)) + (7 \times 8! - 9) &= (9 \times (8 \times 7! - (6^5 + 4!))) - (3^2 + 1) \\
 292671 &:= (((12^3) + (4 + 5)) \times 6) + 7 \times 8! + 9 &= 9 + 8 - ((7 - (6 \times ((5 + 4!)^3))) \times 2 \times 1) \\
 292672 &:= (1 - (((2 \times 3!)/4) \times (5 - 6!)) + 7!) + (8! - 9) &= 9 - (((8 - (((7! + 6) \times (5 + 4!)) + 3!)) \times 2) + 1) \\
 292673 &:= (1 \times 2 + ((3^4 \times 5!) + (6! + 7 \times 8!))) - 9 &= (9 \times ((8! - 7) - (6^5 + (4! - 3!)))) + (2 \times 1) \\
 292674 &:= (1 + (2 \times (3 + ((4! + 5) \times (6 + 7!)))) + (8 - 9) &= 9 + (8 + (((((7! + 6) \times (5 + 4!)) - 3!) \times 2) + 1)) \\
 292675 &:= ((1 \times 2 \times (3 + ((4! + 5) \times (6 + 7!)))) - 8) + 9 &= ((9 \times (8 \times 7! - (6^5 + 4!))) - 3) - 2 \times 1 \\
 292676 &:= ((1 + (2 \times (3 + ((4! + 5) \times (6 + 7!)))) - 8) + 9 &= 9 \times 8 + (7! + ((6^5 - 4) \times (3!^2 + 1))) \\
 292677 &:= (1 - 2) \times (3 - (4! \times ((5 + (6! + 7!/8)) \times 9))) &= (9 \times (8 + ((7! + 6) \times 5))) + ((4^{3!+2}) - 1) \\
 292678 &:= 1 \times (2 \times (3! + (((4! + 5) \times (6 + 7!)) + (8 - 9)))) &= (9 \times (8! - (7 \times (6! + 5!)))) - ((4! \times 3!) + 2 \times 1) \\
 292679 &:= 1 \times 2 - (3 - (4! \times ((5 + (6! + 7!/8)) \times 9))) &= (9 \times (8 \times 7! - 6^5)) - ((4! \times (3^2)) + 1) \\
 292680 &:= (1 + (2 \times (3! + ((4! + 5) \times (6 + 7!)))) + (8 - 9) &= 9 - (8 - (((((7! + 6) \times (5 + 4!)) + 3!) \times 2) - 1)) \\
 292681 &:= (1 \times 2 \times (3 + (((4! + 5) \times (6 + 7!)) + 8))) - 9 &= (9 \times (8 \times 7! - 6^5)) - ((4! \times (3^2)) - 1) \\
 292682 &:= (1 - (2 \times (3! - (((4! + 5) \times (6 + 7!)) + 8)))) + 9 &= ((9 + 8! \times 7) - 6) + (((5 + 4!) \times 3!/2) - 1) \\
 292683 &:= (1 + 2)! - (3 - (4! \times ((5 + (6! + 7!/8)) \times 9))) &= ((9 + (8! + 7!)) \times 6) + ((5 \times (4^{3!} - 2)) - 1) \\
 292684 &:= (1 - ((2 - 3!) \times 4!)) - (5 - (6^7 - 8!/9)) &= 9 - (8 - (((7 + (6 \times ((5 + 4!)^3))) \times 2) + 1)) \\
 292685 &:= 1 - (2 - (3! + (4! \times ((5 + (6! + 7!/8)) \times 9)))) &= (9 \times ((8! - 7) - 6^5)) - (4 \times (3!^2 + 1)) \\
 292686 &:= (1 + 2) + (3 + (4! \times ((5 + (6! + 7!/8)) \times 9))) &= (9 + 8! \times 7) + (((6! \times (5 + 4!)) - 3!)/2 \times 1) \\
 292687 &:= 1 \times ((2 \times (3! + (((4! + 5) \times (6 + 7!)) + 8))) - 9) &= (9 + 8! \times 7) + (((6! \times (5 + 4!)) - 3!)/2 + 1) \\
 292688 &:= 1 + ((2 \times (3! + (((4! + 5) \times (6 + 7!)) + 8))) - 9) &= (9 + 8! - 7!) + (((6! - (5!/4!)) \times 3!/2) - 1) \\
 292689 &:= (1 + 2) + (3! + (4! \times ((5 + (6! + 7!/8)) \times 9))) &= (9 + ((8! \times 7)/6)) + (5! \times (4^{3!}/2 - 1)) \\
 292690 &:= (1 + (((2 + 3^4) \times (5! + 6)) + 7 \times 8!)) - 9 &= (9 \times (8 \times 7! - (6^5 + 4!))) + 3^2 + 1 \\
 292691 &:= (1 \times 2 + ((3^4 \times 5!) + (6! + 7 \times 8!))) + 9 &= (9 \times ((8 + 7!) \times 6)) - (((5! - (4!/3!))/2) + 1) \\
 292692 &:= 1 \times (2 \times 3! + (4! \times ((5 + (6! + 7!/8)) \times 9))) &= (9 + ((8 + ((7! + 6) \times (5 + (4 \times 3!)))) \times 2)) - 1 \\
 292693 &:= 1 + 2 \times 3! + (4! \times ((5 + (6! + 7!/8)) \times 9)) &= (9 \times ((8 + 7!) \times 6)) - (((5! - (4!/3!))/2) - 1) \\
 292694 &:= (1 - ((2 - 3!) \times 4!)) + ((5 + 6^7) - 8!/9) &= (9 + 8! \times 7 + 6) + (((5 + 4!) \times 3!/2) - 1) \\
 292695 &:= (1 + ((2^{3 \times 4} \times 5)) + (6 \times (7! + 8! + 9))) &= (9 + 8! \times 7) - (6 \times (((5 \times (4! - 3!))/2) - 1)) \\
 292696 &:= (-1 + ((2 \times (3! + ((4! + 5) \times (6 + 7!)))) + 8)) + 9 &= (9 + (8! \times 7 + (6 + ((5 + 4!) \times 3!/2)))) + 1
 \end{aligned}$$

$$\begin{aligned}
 292697 &:= (1 \times 2 + ((3! \times (4^5 + 6!)) + 7 \times 8!)) - 9 &= (9 + (8! + 7)) + (((6! + (5 - 4!)) \times 3!)/2 + 1) \\
 292698 &:= (1 - 2^{3!}) \times (4^5 - ((6! \times 7/8) \times 9)) &= ((9 + 8) + ((7 + (6 \times ((5 + 4!)^3))) \times 2)) - 1 \\
 292699 &:= 1 \times ((2 \times (3 + (((4! + 5) \times (6 + 7!)) + 8))) + 9) &= ((9 + (8! + 7!)) \times 6) + (5 \times (4^{3!} + (2 - 1))) \\
 292700 &:= 1 + ((2 \times (3 + (((4! + 5) \times (6 + 7!)) + 8))) + 9) &= 9 + (((8 + (((7! + 6) \times (5 + 4!)) + 3)) \times 2) + 1) \\
 292701 &:= ((1 + 2)! \times (3! + 4^5)) + ((6 + 7 \times 8!) - 9) &= (9 \times (8 + (7! \times 6))) + ((5 \times (4^{3!} - 2)) - 1) \\
 292702 &:= (1 - (((2 - 3!) - 4^5) \times 6) - (7 \times 8!)) + 9 &= 9 - (((8! - ((7 + (6^5 \times 4)) \times 3!)) \times 2) - 1) \\
 292703 &:= (1 + 2) - (3! + (4 \times ((5 + 6! - 7!) \times (8 + 9)))) &= ((9 + (8! + 7!)) \times 6) + ((5 \times (4^{3!} + 2)) - 1) \\
 292704 &:= 1 \times (((2 \times 3!)^4) - (5! - ((6 \times 7! - 8) \times 9))) &= 9 + (((8 + (((7! + 6) \times (5 + 4!)) + 3!)) \times 2) - 1) \\
 292705 &:= ((1 + ((2 \times 3!)^4) - 5!) + ((6 \times 7! - 8) \times 9) &= ((9 + (8! + 7!)) \times 6) + ((5 \times (4^{3!} + 2)) + 1) \\
 292706 &:= 1 - (2 - ((3 + (4! \times (5 + (6! + 7!/8)))) \times 9)) &= (9 \times (((8 + 7!) \times 6) - 5)) + (((4!/3!)/2) - 1) \\
 292707 &:= (1 + 2)^3 + (4! \times ((5 + (6! + 7!/8)) \times 9)) &= (9 \times (8 + (7! \times 6))) + (5 \times (4^{3!} - (2 - 1))) \\
 292708 &:= (1 + (((2 + 3!) + 4^5) \times 6) + 7 \times 8!) - 9 &= (9 \times (((8 + 7!) \times 6) - 5)) + (((4!/3!)/2) + 1) \\
 292709 &:= 1 \times (2 + ((3 + (4! \times (5 + (6! + 7!/8)))) \times 9)) &= (9 \times (8 \times 7! - (6^5 + (4! - 3)))) + (2 \times 1) \\
 292710 &:= 1 + (2 + ((3 + (4! \times (5 + (6! + 7!/8)))) \times 9)) &= ((9 \times (8 + (7! \times 6))) + (5 \times 4^{3!})) - 2 \times 1 \\
 292711 &:= 1 - (2 \times (((3 + 4)! - (5 \times ((6 \times (7! + 8)) - 9)))) &= (9 \times (8 + (7! \times 6))) + ((5 \times 4^{3!}) - (2 - 1)) \\
 292712 &:= 1 - (2 - ((3! \times (4^5 + 6!)) + (7 \times 8! + 9))) &= ((9 + 8!) \times 7) + ((6 + ((5! - (4! - 3!))^2)) - 1) \\
 292713 &:= (1 + ((2^{3 \times 4}) \times 5)) + ((6 \times 7! + 8) \times 9) &= ((9 + 8!) \times 7) - ((6 \times 5) \times (((4! - 3!)/2) + 1)) \\
 292714 &:= 1 \times (2 \times (3! + (((4! + 5) \times (6 + 7!)) + 8 + 9))) &= (((9 + 8!) \times 7) + 6) + (((5! - (4! - 3!))^2) + 1) \\
 292715 &:= 1 \times (2 + ((3! \times (4^5 + 6!)) + (7 \times 8! + 9))) &= (9 \times ((8! + 7!)/6)) + (((5! \times 4) - 3!)^2) - 1) \\
 292716 &:= 1 + (2 + ((3! \times (4^5 + 6!)) + (7 \times 8! + 9))) &= (9 \times ((8! + 7!)/6)) + (((5! \times 4) - 3!)^2 \times 1) \\
 292717 &:= 1 - (((2 + 3!) \times 4) - (5! + (6 - (7! - 8!)))) \times 9 &= ((9 \times ((8! + 7) - (6^5 + (4! + 3)))) + 2) - 1 \\
 292718 &:= 12 + ((3! \times 4! + (5 - 67)) \times (8 + 9)) &= ((9 \times ((8! + 7) - (6^5 + (4! + 3)))) + 2) \times 1 \\
 292719 &:= (1 + 2)! + ((3! \times (4^5 + 6!)) + (7 \times 8! + 9)) &= ((9 \times ((8! + 7) - (6^5 + (4! + 3)))) + 2) + 1 \\
 292720 &:= (((1 + 2)! \times (3^4 \times 5)) - ((6 \times 7! - 8!)/9)) &= (((9 + 8!) \times 7) + 6) + ((5 + 4!) \times (3!/2 - 1)) \\
 292721 &:= (1 - (2 \times ((3! + 4!) \times 5))) + (67 \times (8!/9)) &= (9 \times (8 + (7! \times 6))) + ((5 \times (4^{3!} + 2)) - 1) \\
 292722 &:= 1 \times (((2 \times 3!)^4) - (5! - (6 \times (7! + 8! - 9)))) &= (9 \times (8 + (7! \times 6))) + (5 \times (4^{3!} + 2 \times 1)) \\
 292723 &:= ((1 + ((2 \times 3!)^4) - 5!) + (6 \times (7! + 8! - 9)) &= (9 \times (8 + (7! \times 6))) + ((5 \times (4^{3!} + 2)) + 1) \\
 292724 &:= (12 \times 3!) - ((4 - (5 \times 6!)) \times (7 + 8 \times 9)) &= (9 + 8! \times 7 + 6) + ((5 + 4!) \times (3!/2 + 1)) \\
 292725 &:= (1 + 2)!! - (3 \times ((4 - 5 - 6!) \times ((7 + 8) \times 9))) &= (((9 \times (8 + 7!)) + 6) \times 5) + ((4^{3!+2}) - 1) \\
 292726 &:= (1 + (((2 + 3!) + 4^5) \times 6) + 7 \times 8!) + 9 &= ((9 \times ((8! - 7) - (6^5 + 4 \times 3))) + 2) - 1 \\
 292727 &:= 1 - ((2 - (3 \times (4 \times 5))) \times ((6 + 7!) - 8 + 9)) &= (9 \times (8! - (7 \times (6! + 5!)))) - ((4! \times (3! - 2)) + 1) \\
 292728 &:= 1 - ((2^{3!} \times ((4 \times 5!) - (6 + 7! + 8))) + 9) &= ((9 \times ((8! - 7) - (6^5 + 4 \times 3))) + 2) + 1 \\
 292729 &:= (1 + ((2 - 3!) \times 4!)) - ((5! + (6! + 7! - 8!)) \times 9) &= 9 + ((8 \times (((7 + 6!) \times 5) + 4!)) \times (3^2 + 1)) \\
 292730 &:= 1 - ((2 - (3! \times 4! - 5)) - (6^7 - 8!/9)) &= ((9 + ((8! \times 7)/6!)) \times (5 \times ((4! \times 3!) + 2))) \times 1 \\
 292731 &:= ((1 + 2)!! - ((3! + 4) \times (5 \times (6 - 7!)))) + (8! - 9) &= ((9 + ((8! \times 7)/6!)) \times (5 \times ((4! \times 3!) + 2))) + 1 \\
 292732 &:= ((1 + ((2^{3!} + 4!) \times 5!)) - 6) + (7 \times (8! - 9)) &= ((9 \times ((8! + 7) - (6^5 + 4!))) - (3! \times 2)) + 1 \\
 292733 &:= 1 \times (((2 + 3! \times 4!) - 5) + 6^7) - 8!/9 &= (9 \times ((8! + 7) - (6^5 + 4!))) - (3^2 + 1) \\
 292734 &:= 1 + (((2 + 3! \times 4!) - 5) + 6^7) - 8!/9 &= (9 \times ((8! - 7) - 6^5)) - (((4 + 3!)^2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 292735 &:= (1 - (2 \times (3 - ((4! + 5) \times (6 + 7!)))) + 8 \times 9 &= ((9 \times ((8! + 7) - (6^5 + 4!))) - (3! + 2)) \times 1 \\
 292736 &:= 1 \times 2 - ((3!! \times 4 - (5! + (6 - (7! - 8!)))) \times 9) &= (((9 + 8!) \times 7) - 6) + (((5 + 4!) \times 3!!/2) - 1) \\
 292737 &:= 1 - (2^{3!} \times (4 - (((5! + 6) \times 7) + 8!/9))) &= ((9 \times ((8! + 7) - (6^5 + 4!))) - (3 + 2)) - 1 \\
 292738 &:= 1 \times 2 + (((3! \times (4! \times 5!)) + 6^7) - 8!/9) &= (((9 + 8!) \times 7) - 6) + (((5 + 4!) \times 3!!/2) + 1) \\
 292739 &:= 1 + (2 \times (3! + ((4! + 5) \times ((6 + 7!) - 8 + 9)))) &= ((9 + 8!) \times 7) + (((6! \times (5 + 4!)) - 3!)/2) - 1) \\
 292740 &:= 1 - ((2 - (3!! \times 4! + 5)) - (6^7 - 8!/9)) &= ((9 \times ((8! + 7) - (6^5 + 4!))) - (3! - 2)) + 1 \\
 292741 &:= (((12 + 3)^4 \times 5) - (6! - (7 + 8!))) + 9 &= ((9 + 8!) \times 7) + (((6! \times (5 + 4!)) - 3!)/2) + 1) \\
 292742 &:= 1 - (2 - ((3^4 \times 5!) + (6! + (7 \times (8! + 9)))) &= (9 \times ((8! + 7) - 6^5)) - ((4! \times (3^2)) + 1) \\
 292743 &:= (1 \times 2 + 3!! \times 4!) + ((5 + 6^7) - 8!/9) &= ((9 \times ((8! + 7) - (6^5 + 4!))) + (3 - 2)) - 1 \\
 292744 &:= 1 \times (2^{3!} + (4! \times ((5 + (6! + 7!/8)) \times 9))) &= (9 \times ((8! + 7) - 6^5)) - ((4! \times (3^2)) - 1) \\
 292745 &:= (1 + 2^{3!}) + (4! \times ((5 + (6! + 7!/8)) \times 9)) &= ((9 + 8!) \times 7) + (((6 + ((5 + 4!) \times 3!!))/2) - 1) \\
 292746 &:= (1 - (2^{3!} \times ((4 \times 5!) - (6 + 7! + 8)))) + 9 &= ((9 \times ((8 + 7!) \times 6)) - 5) + (((4!/3)/2) - 1) \\
 292747 &:= (1 + (2 \times (3 + ((4! + 5) \times (6 + 7!)))) + 8 \times 9 &= ((9 + 8!) \times 7) + (((6 + ((5 + 4!) \times 3!!))/2) + 1) \\
 292748 &:= 12 + (((3! \times (4! \times 5!)) + 6^7) - 8!/9) &= ((9 \times ((8 + 7!) \times 6)) - 5) + (((4!/3)/2) + 1) \\
 292749 &:= (((((1 + 2)^{3!}) + 4^5) \times 6) + 7 \times 8!) - 9 &= ((9 + 8!) \times 7) - (6 \times (((5 \times (4! - 3!))/2) - 1)) \\
 292750 &:= (-1 - (2 \times (3 - ((4! + 5) \times (6 + 7!)))) + 89 &= (((9 + 8!) \times 7) + 6) + (((5 + 4!) \times 3!!/2) + 1) \\
 292751 &:= 1 - (2 - (3! \times ((4 \times (5! + 6!)) + ((7! + 8) \times 9)))) &= 9 + (((8! + 7) - (6^5 + 4!)) \times (3^2)) - 1) \\
 292752 &:= (((1 + 2)! \times (3! + 4!)) - ((5! - (6 \times 7! + 8)) \times 9) &= ((9 \times ((8! + 7) - (6^5 + 4!))) + (3! + 2)) + 1 \\
 292753 &:= (1 + (2 \times (3! + ((4! + 5) \times (6 + 7!)))) + 8 \times 9 &= (9 \times ((8! + 7) - (6^5 + 4!))) + 3^2 + 1 \\
 292754 &:= 1 \times (2 + (3! \times ((4 \times (5! + 6!)) + ((7! + 8) \times 9)))) &= ((9 \times ((8! + 7) - (6^5 + 4!))) + (3! \times 2)) - 1 \\
 292755 &:= 1 - (2 \times (3! - (((4! + 5) \times ((6! \times 7) + 8)) - 9))) &= ((9 \times ((8! + 7) - (6^5 + 4!))) + (3! \times 2)) \times 1 \\
 292756 &:= (1 - (((2 - 3!!) - 4^5) \times 6)) + (7 \times (8! + 9)) &= ((9 \times ((8 + 7!) \times 6)) + 5) + (((4!/3)/2) - 1) \\
 292757 &:= (((1 + 2)! \times (3^4 \times 5)) + ((6 + 7) \times 89) &= (((9 \times 8) - (7! - 6)) \times (5 - 4^3)) - 2) + 1 \\
 292758 &:= (1 + 2)! - ((3! - 4!) \times (5^6 + (7!/8 + 9))) &= ((9 \times ((8 + 7!) \times 6)) + 5) + (((4!/3)/2) + 1) \\
 292759 &:= 1 - (((2 \times (3 + 4!)) + 5) \times (6 - (7! - 8 \times 9))) &= (9 \times ((8! - 7) - 6^5)) - ((4! \times 3) + 2 \times 1) \\
 292760 &:= (1 + 2^{3!}) \times ((4 \times (5 - (6 - 7))) + 8!/9) &= (9 + 8! \times 7) + ((6! \times 5 + ((4!^3)/2)) - 1) \\
 292761 &:= 1 \times (((2 + 3^4) \times (5! + 6)) + (7 \times (8! + 9))) &= (9 + (8! \times 7 + (6! \times 5))) + ((4!^3)/2 \times 1) \\
 292762 &:= (1 + ((2 + 3^4) \times (5! + 6))) + (7 \times (8! + 9)) &= (9 + 8! \times 7) + (6! \times 5 + (((4!^3)/2) + 1)) \\
 292763 &:= (12 \times (3!! - 4!)) - (5 - (6^7 + 8!/9)) &= ((9 \times ((8! - 7) - 6^5)) - 4^3) - (2 + 1)! \\
 292764 &:= 1 - ((2 \times (3! - ((4! + 5) \times ((6! \times 7) + 8)))) + 9) &= (9 \times 8!/7! + (6! - 5)) \times ((4! + 3!!)/2 \times 1) \\
 292765 &:= 1 + ((2 - ((3 + 4)!)) + (5^6 + (7 \times (8! - 9)))) &= 98 - (((7! + 6) \times ((5!/(4 - 3!)) + 2)) + 1) \\
 292766 &:= 1 - (2 - ((3! \times (4^5 + 6!)) + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - 6) + ((5 + 4!) \times (3!!/2 + 1)) \\
 292767 &:= (((((1 + 2)! + 3!)^4) - 5!) + ((6 \times (7! + 8!)) - 9) &= ((9 \times ((8! - 7) - 6^5)) - 4^3) - 2 \times 1 \\
 292768 &:= ((1 + ((2 \times 3!)^4)) - 5!) + ((6 \times (7! + 8!)) - 9) &= (9 \times ((8! + 7) - (6^5 + 4!))) + ((3! - 2)! + 1) \\
 292769 &:= (1 + (((2 + 3!)! + (4! + (5! + 6!))) \times 7)) + 8!/9 &= (9 + 8! \times 7) + ((6! + ((5! - (4! - 3!))^2)) - 1) \\
 292770 &:= 1 - ((2 \times (3 - ((4! + 5) \times ((6! \times 7) + 8)))) + 9) &= (9 + (8! \times 7 + 6!)) + ((5! - (4! - 3!))^2 \times 1) \\
 292771 &:= 1 + (2 \times (((3!! - 4!) + 5^6) - (7 \times 8)) \times 9) &= (9 + 8! \times 7) + (6! + (((5! - (4! - 3!))^2) + 1)) \\
 292772 &:= 1 \times (2 \times ((3 + ((4! + 5) \times ((6! \times 7) + 8))) - 9)) &= ((9 \times ((8! - 7) - 6^5)) - 4!) - (3!^2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 292773 &:= 1 + (2 \times ((3 + ((4! + 5) \times ((6! \times 7) + 8))) - 9)) &= ((9 + 8!) \times 7) - ((6 \times 5) \times (((4! - 3!)/2) - 1)) \\
 292774 &:= 1 \times 2 \times (3!! + ((4! + 5) \times (6! \times 7 - (8 + 9)))) &= ((9 \times ((8! - 7) - 6^5)) - 4!) - (3!^2 - 1) \\
 292775 &:= ((1 + ((2 + 3!)! + (4! + (5! + 6!)))) \times 7) + 8!/9 &= (9 \times (8! - (7! - ((6 - 5!) \times 4!))) - (((3 + 2)!) + 1) \\
 292776 &:= (1 + 2)!! - (3 + ((4! + 5) \times (6 \times 7! - 8! + 9))) &= (9 \times 8!/7! - 6) \times (5! - (4 - (3! \times (2 + 1)!))) \\
 292777 &:= 1 \times 2 - (((3 \times (4 - 5!))/6) \times (7! + 8)) + 9 &= (9 \times (8! - (7! - ((6 - 5!) \times 4!))) - (((3 + 2)!) - 1) \\
 292778 &:= 1 \times (2 \times (3! + (((4! + 5) \times ((6! \times 7) + 8)) - 9))) &= (9 \times ((8! + 7) - (6^5 + 4!))) + (3!^2 - 1) \\
 292779 &:= 1 + (2 \times (3! + (((4! + 5) \times ((6! \times 7) + 8)) - 9))) &= ((9 \times (8 \times 7! - 6^5)) + 4) - (((3 + 2)!) + 1) \\
 292780 &:= (1 + ((2 \times 3!)^4)) - ((5 - (6 \times 7! - 8)) \times 9) &= (9 \times ((8! - 7) - 6^5)) - ((4! + 3) \times 2 - 1) \\
 292781 &:= 1 \times ((2 + 3!)! - ((4! + 5) \times (6 \times 7! - 8! + 9))) &= (9 \times ((8! - 7) - 6^5)) - (4 \times (3! \times 2 + 1)) \\
 292782 &:= (1 - (2 \times (3! - ((4! + 5) \times ((6! \times 7) + 8)))) + 9 &= (9 \times (8! - 7!)) + ((6 - 5!) \times ((4! \times (3^2)) + 1)) \\
 292783 &:= (((1 + 2) \times (((3! + 4)^5) - 6!)) - 7! - 8) - 9 &= 9 + ((8 - 7 \times 6) \times (5 - (4! \times (3!!/2 - 1)))) \\
 292784 &:= ((-1 + ((2 \times 3!)^4)) - (5! - (6 \times (7! + 8)))) + 9 &= 9 + (((((8! + 7!) \times 6) - 5!) + ((4! \times 3!)^2)) - 1) \\
 292785 &:= 1 \times (((2^{3!} + 4!) \times 5!) - (6 - (7 \times 8! - 9))) &= ((9 \times ((8! - 7) - 6^5)) - (4! + (3! - 2)!)) \times 1 \\
 292786 &:= ((1 + ((2 \times 3!)^4)) - 5!) + ((6 \times (7! + 8)) + 9) &= 9 + (((((8! + 7!) \times 6) - 5!) + ((4! \times 3!)^2) + 1)) \\
 292787 &:= 1 \times ((2 \times (3! + ((4! + 5) \times ((6! \times 7) + 8)))) - 9) &= (9 \times ((8! - 7) - (6^5 + 4))) - (3^2 + 1) \\
 292788 &:= 1 + ((2 \times (3! + ((4! + 5) \times ((6! \times 7) + 8)))) - 9) &= (((9 + 8) \times ((7! + (6! + (5 - 4!))) \times 3)) - 2) - 1 \\
 292789 &:= 1 + ((2 \times 3! + (4! \times (5 + (6! + 7!/8)))) \times 9) &= (9 \times ((8! - 7) - (6^5 + 4))) - (3! + 2 \times 1) \\
 292790 &:= (1 + ((2 + 3!) \times 4!)) + ((5 + 6^7) - 8!/9) &= ((9 + ((8 + 7 \times 6!) \times (5 + 4!))) - 3!) \times 2 \times 1 \\
 292791 &:= 1 - (2 \times (3! - (((4! + 5) \times ((6! \times 7) + 8)) + 9))) &= ((9 \times ((8! - 7) - (6^5 + 4))) - 3) - (2 + 1) \\
 292792 &:= ((1 + 2) \times (3!! + (4! + (5! \times 6!)))) + (7 \times 8!/9) &= ((9 \times ((8! - 7) - 6^5)) - 4) - (3!^2 + 1) \\
 292793 &:= 1 - (2 \times ((3! \times (4! + 5 \times (6 - 7!))) + 8!/9)) &= ((9 \times ((8! - 7) - (6^5 + 4))) - 3) - (2 - 1) \\
 292794 &:= (((1 + 2)!! - 3!) \times (4! + 5)) + ((6 \times 7! - 8) \times 9) &= ((9 \times ((8! - 7) - 6^5)) - 4) - (3!^2 - 1) \\
 292795 &:= 1 \times 2 - (((3 \times (4 - 5!))/6) \times (7! + 8)) - 9 &= (9 \times (8!/7)) - ((6! - 5) \times (4! - (3!/2 + 1))) \\
 292796 &:= (1 + 2) - (((3 \times (4 - 5!))/6) \times (7! + 8)) - 9 &= (9 \times (((8 + 7!) \times 6) + 5)) + (((4!/3)!/2) - 1) \\
 292797 &:= 1 - (2 \times (3 - (((4! + 5) \times ((6! \times 7) + 8)) + 9))) &= (9 \times (8 \times 7! - 6^5)) - (((4 + 3!)^2) - 1) \\
 292798 &:= (1 + (((2^{3!} + 4!) \times 5!) + 6)) + (7 \times 8! - 9) &= (9 \times (((8 + 7!) \times 6) + 5)) + (((4!/3)!/2) + 1) \\
 292799 &:= 1 \times ((2 \times (3 + ((4! + 5) \times ((6! \times 7) + 8)))) + 9) &= ((9 \times ((8! - 7) - 6^5)) - 4!) - (3^2 + 1) \\
 292800 &:= (1 + (2 \times (3 + ((4! + 5) \times ((6! \times 7) + 8)))) + 9 &= 9 + (((((8 + 7 \times 6!) \times (5 + 4!)) + 3) \times 2) + 1) \\
 292801 &:= (((1 + 2) \times (((3! + 4)^5) - 6!)) - 7! - 8) + 9 &= (9 \times (8 \times 7! - 6^5)) - ((4 \times (3! - 2)!) - 1) \\
 292802 &:= (1 - (((2 - 3 \times 4!) \times (5 \times 6! + 7)) - 8!)) - 9 &= ((9 \times ((8! - 7) - 6^5)) + 4) - (3!^2 - 1) \\
 292803 &:= 1 \times (((2^{3!} + 4!) \times 5!) - (6 - (7 \times 8! + 9))) &= (9 \times (8 + 7)) + (6 \times (((5 + 4!)^3) \times 2 \times 1)) \\
 292804 &:= ((1 + ((2^{3!} + 4!) \times 5!)) - 6) + (7 \times 8! + 9) &= 9 + (((((8 + 7 \times 6!) \times (5 + 4!)) + 3!) \times 2) - 1) \\
 292805 &:= 1 \times ((2 \times (3! + ((4! + 5) \times ((6! \times 7) + 8)))) + 9) &= ((9 \times ((8! - 7) - 6^5)) - (4! + 3!)) + (2 \times 1) \\
 292806 &:= 1 + ((2 \times (3! + ((4! + 5) \times ((6! \times 7) + 8)))) + 9) &= ((9 \times ((8! - 7) - 6^5)) - 4) - ((3! - 2)!) - 1) \\
 292807 &:= 1 - ((2 - (((34 \times 5!) - (6 + 7)) \times 8)) \times 9) &= 9 + (((((8! - 7) - (6^5 + 4)) \times (3^2)) + 1) \\
 292808 &:= 1 \times 2 \times (3 + (((4! + 5) \times ((6! \times 7) + 8)) + 9)) &= (9 + ((8! \times 7)/6)) + ((5! \times (4^{3!}/2)) - 1) \\
 292809 &:= (1 - ((2 - 3!) \times 4!)) + ((5! + 6^7) - 8!/9) &= (9 + ((8! \times 7)/6)) + (5! \times (4^{3!}/2 \times 1)) \\
 292810 &:= (1 + ((2 \times (((3 + 4)!) - 5!)) + 6!)) + (7 \times 8! + 9) &= (9 + (8 \times (((7 + 6!) \times 5) + 4!))) \times (3^2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 292811 &:= 1 + ((2 + (3!! + (4! \times (5! - (6 + 7)))))) \times 89 &= (9 \times ((8 + 7!) \times 6)) + (((5! + (4!/3!))/2) - 1) \\
 292812 &:= (((1 + 2)!! - 3!) \times (4! + 5)) + (6 \times (7! + 8! - 9)) &= ((9 \times ((8! - 7) - 6^5)) + 4) - ((3! - 2)! + 1) \\
 292813 &:= (((1 + 2) + 3!!) \times 4!) + ((5 + 6^7) - 8!/9) &= (9 \times ((8 + 7!) \times 6)) + (((5! + (4!/3!))/2) + 1) \\
 292814 &:= 1 \times (2 \times (3! + (((4! + 5) \times ((6! \times 7) + 8)) + 9))) &= ((9 + 8!) \times 7) + ((6! \times 5 + ((4!^3)/2)) - 1) \\
 292815 &:= 1 + (2 \times (3! + (((4! + 5) \times ((6! \times 7) + 8)) + 9))) &= (((9 \times 8) + 7!) \times (6!/5!)) + (4^{3^2}) - 1 \\
 292816 &:= 1 \times (((2 + 3!)/4!) \times 5) + (6^7 + 8!/9) &= ((9 + 8!) \times 7) + (6! \times 5 + (((4!^3)/2) + 1)) \\
 292817 &:= 1 + (((2 + 3!)/4!) \times 5) + (6^7 + 8!/9) &= 9 - (8 \times (7!/6 + ((5! \times 4!) - ((3! + 2)! + 1)))) \\
 292818 &:= 1 \times 2 \times (3 + (((4! + 5) \times (6 + 7!)) + 8 \times 9)) &= 9 + 8! + (((7 + (6! \times 5)) \times ((4! \times 3) - 2)) - 1) \\
 292819 &:= 1 \times (((2 \times 3!)^4) - (5 - ((6 \times 7! - 8) \times 9))) &= ((9 \times ((8! - 7) - 6^5)) - 4) - (3^2 + 1) \\
 292820 &:= ((1 + ((2 \times 3!)^4)) - 5) + ((6 \times 7! - 8) \times 9) &= 9 + 8! + (((7 + (6! \times 5)) \times ((4! \times 3) - 2)) + 1) \\
 292821 &:= (((1 + ((2 + 3!)/4!)) \times 5) + 6^7) + 8!/9 &= ((9 \times ((8! - 7) - 6^5)) - (4 + 3!)) - 2 \times 1 \\
 292822 &:= 1 - (((2 + 3!)! + 4) - 5^6) + ((7! - 8!) \times 9) &= ((9 \times ((8! - 7) - 6^5)) + 4!) - (3!^2 - 1) \\
 292823 &:= ((1 - 2) + (3^4 \times (5 \times 6! + (7 + 8)))) + 9 &= ((9 + 8!) \times 7) + ((6! + ((5! - (4! - 3))^2)) - 1) \\
 292824 &:= 1 \times 2 \times (3! + (((4! + 5) \times (6 + 7!)) + 8 \times 9)) &= ((9 \times ((8! - 7) - 6^5)) + 4) - (3! \times 2 + 1) \\
 292825 &:= (1 - ((2 + (3!! + 4! + 5)) \times 6)) \times (7 - 8 \times 9) &= ((9 + 8!) \times 7) + (6! + (((5! - (4! - 3))^2) + 1)) \\
 292826 &:= ((1 - (2 \times 3! - 4)!) + 5^6) - ((7! - 8!) \times 9) &= ((9 \times ((8! - 7) - 6^5)) + 4) - ((3! \times 2) - 1) \\
 292827 &:= (1 + 2) - ((3 + 4) \times (5 \times 6! - ((7! + 8) \times 9))) &= ((9 \times ((8! - 7) - 6^5)) + 4) - (3^2 + 1) \\
 292828 &:= ((12 \times (3!! - (4! - 5))) + 6^7) + 8!/9 &= ((9 \times ((8! - 7) - (6^{5!/4!}))) - 3) - 2 \times 1 \\
 292829 &:= 1 \times (((2 \times 3!)^4) + (5 + ((6 \times 7! - 8) \times 9))) &= ((9 + (8! + 7!)) \times 6) - (5! - (((4! \times 3!)^2) - 1)) \\
 292830 &:= (1 + (((2 \times 3!)^4) + 5)) + ((6 \times 7! - 8) \times 9) &= ((9 + (8! + 7!)) \times 6) - (5! - ((4! \times 3!)^2 \times 1)) \\
 292831 &:= ((1 + ((2 \times 3!)^4)) - 5!) + (6 \times (7! + 8! + 9)) &= ((9 + (8! + 7!)) \times 6) - (5! - (((4! \times 3!)^2) + 1)) \\
 292832 &:= 1 - (2 + (((3!^{4-5+6}) + 7 - 8!) \times 9)) &= (9 \times ((8! - 7) - (6^5 + 4))) + (3!^2 - 1) \\
 292833 &:= (1 - 2^{3!}) - (((4! \times (5! - 6)) + 7! - 8!) \times 9) &= ((9 \times ((8! - 7) - 6^5)) + (4 - 3!)) + (2 \times 1) \\
 292834 &:= (((1 - 2) \times ((3 + 4)!)) + (5^6 + 7 \times 8!)) + 9 &= (9 \times ((8! - 7) - (6^5 - 4))) - (3!^2 - 1) \\
 292835 &:= 1 \times (2 - (((3!^{4-5+6}) + 7 - 8!) \times 9)) &= ((9 \times (8 \times 7! - 6^5)) - 4!) - (3!^2 + 1) \\
 292836 &:= 1 + (2 - (((3!^{4-5+6}) + 7 - 8!) \times 9)) &= (((9 - (8! + 7)) \times 6) / (5 - 4!)) \times ((3! - 2)! - 1) \\
 292837 &:= 1 \times (((2 \times 3!)^4) - (5 - (6 \times (7! + 8! - 9)))) &= ((9 \times (8 \times 7! - 6^5)) - 4!) - (3!^2 - 1) \\
 292838 &:= ((1 + ((2 \times 3!)^4)) - 5) + (6 \times (7! + 8! - 9)) &= ((9 \times ((8! - 7) - (6^{5!/4!}))) + 3) + (2 \times 1) \\
 292839 &:= (1 + 2)! - (((3!^{4-5+6}) + 7 - 8!) \times 9) &= ((9 \times ((8! - 7) - 6^5)) - 4) + 3^2 + 1 \\
 292840 &:= (((1 + 2)! - ((3 + 4)!)) + (5^6 + 7 \times 8!)) + 9 &= ((9 \times ((8! - 7) - 6^5)) - 4) + ((3! \times 2) - 1) \\
 292841 &:= ((12 + (3^4 \times 5)) \times (6! - 7)) - 8!/9 &= 9 - (8 \times (7 \times 6! - ((5! - 4) \times (3!!/2 - 1)))) \\
 292842 &:= (1 + (((2 - 3!!) \times 4!) + 5)) \times ((6 - 7) \times (8 + 9)) &= ((9 \times ((8! - 7) - 6^5)) - 4) + (3! \times 2 + 1) \\
 292843 &:= -1 - (((2 \times 3)! - 4) \times (5 - (6 \times (78 - 9)))) &= (9 \times (8 \times 7! - 6^5)) - ((4! + 3) \times 2 - 1) \\
 292844 &:= 1 \times 2 - ((3! - (4! \times (5 + 6! - 7))) \times (8 + 9)) &= ((9 \times ((8! - 7) - 6^5)) - 4!) + (3!^2 - 1) \\
 292845 &:= ((1 + 2)! \times (((3!^4 + 5!) \times 6) - (7 - 8!))) - 9 &= ((9 \times ((8! - 7) - 6^5)) + (4 + 3^2)) - 1 \\
 292846 &:= ((12 - ((3 + 4)!)) + (5^6 + 7 \times 8!)) + 9 &= ((9 \times ((8! - 7) - 6^5)) + (4 + 3^2)) \times 1 \\
 292847 &:= 1 \times (((2 \times 3!)^4) + (5 + (6 \times (7! + 8! - 9)))) &= ((9 \times ((8! - 7) - 6^5)) + (4 + 3^2)) + 1
 \end{aligned}$$

$$\begin{aligned}
 292848 &:= (1 + (((2 \times 3!)^4 + 5)) + (6 \times (7! + 8! - 9))) &= (9 + 8! \times 7) + (((6! + (5 \times 4^3!))/2) - 1) \\
 292849 &:= ((1 + ((2 \times 3!)^4)) - 5!) + ((6 \times 7! + 8) \times 9) &= (9 \times (8 + (7! \times 6))) - (5! - (((4! \times 3!)^2 + 1)) \\
 292850 &:= 1 - (((2 + 3!)! - 4!) - 5^6) + ((7! - 8!) \times 9) &= (9 \times (8 \times 7! - (6^5 + 4))) - (3^2 + 1) \\
 292851 &:= 1 \times ((2 - ((3!^{4-5+6}) + 7 - 8!)) \times 9) &= ((9 \times (8 \times 7! - (6^5 + 4))) - 3!) - (2 + 1) \\
 292852 &:= 1 + ((2 - ((3!^{4-5+6}) + 7 - 8!)) \times 9) &= ((9 \times ((8! - 7) - 6^5)) - 4) + ((3! - 2)! - 1) \\
 292853 &:= (1 - 2 \times 3!) \times (((4 + 5) - (6^7 - 8!))/9) &= ((9 \times (8 \times 7! - (6^5 + 4))) - 3!) - (2 - 1) \\
 292854 &:= 1 - ((2 - 3^4) \times ((5 \times (6! + 7)) + 8 \times 9)) &= ((9 \times ((8! - 7) - 6^5)) - 4) + ((3! - 2)! + 1) \\
 292855 &:= 1 - ((2 - (3!! \times 4! + 5!)) - (6^7 - 8!/9)) &= ((9 \times (8 \times 7! - 6^5)) - 4) - (3!^2 + 1) \\
 292856 &:= 12 + ((3!! - 4) \times ((56 \times 7) + 8 + 9)) &= (9 \times ((8! - 7) - (6^5 - 4))) - (3! \times 2 + 1) \\
 292857 &:= ((1 + 2 \times 3! \times 4) \times (5! - (6 - 7!))) + (8! - 9) &= ((9 \times (8 \times 7! - 6^5)) - 4) - (3!^2 - 1) \\
 292858 &:= ((1 + ((2^3! + 4!) \times 5!)) - 6) + (7 \times (8! + 9)) &= (9 \times ((8! - 7) - (6^5 - 4))) - ((3! \times 2) - 1) \\
 292859 &:= ((1 + 2) + 3!! \times 4!) + ((5! + 6^7) - 8!/9) &= (9 \times ((8! - 7) - (6^5 - 4))) - (3^2 + 1) \\
 292860 &:= (1 + 2)! \times (3 \times (4! + (5^6 + (7!/8 - 9)))) &= ((9 \times ((8! - 7) - 6^5)) + 4) + ((3! - 2)! - 1) \\
 292861 &:= (1 + 2 \times 3!!) - (((4 \times (5 + 6!)) + 7! - 8!) \times 9) &= (9 \times (8! - (7! + ((6! + 5) \times 4)))) + (3!! \times 2 + 1) \\
 292862 &:= ((1 + 2)! + 3!! \times 4!) + ((5! + 6^7) - 8!/9) &= ((9 \times (8 \times 7! - 6^5)) - 4!) - (3^2 + 1) \\
 292863 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times (6! + 7)) - 8!/9 &= ((9 \times (8 \times 7! - 6^5)) + 4) - (3!^2 + 1) \\
 292864 &:= (1 - 2 \times 3!) \times (((4 - 5) \times (6^7 - 8!))/9) &= ((9 \times ((8! - 7) - 6^5)) - 4) + (3!^2 - 1) \\
 292865 &:= 1 - (2^3! \times (4! - (5! - (((6 - 7) \times 8!)/9)))) &= ((9 \times (8 \times 7! - 6^5)) + 4) - (3!^2 - 1) \\
 292866 &:= (-1 - 2) + (3 \times (((4! + 5!) \times 678) - 9)) &= ((9 \times ((8! - 7) - 6^5)) - 4) + 3!^2 + 1 \\
 292867 &:= (-1 \times 2) + (3 \times (((4! + 5!) \times 678) - 9)) &= ((9 \times ((8! - 7) - 6^5)) + 4!) + 3^2 + 1 \\
 292868 &:= (1 - 2) - ((3 + ((4! \times (5! - 6)) + 7! - 8!)) \times 9) &= 9 + (((8 \times 7! - (6^5 + 4)) \times (3^2)) - 1) \\
 292869 &:= (1 - 2) \times ((3 + ((4! \times (5! - 6)) + 7! - 8!)) \times 9) &= ((9 \times (8 \times 7! - 6^5)) - 4) - ((3! - 2)! - 1) \\
 292870 &:= (1 + ((2 \times 3!)^4)) + (((5 + 6 \times 7!) - 8) \times 9) &= 9 + (((8 \times 7! - (6^5 + 4)) \times (3^2)) + 1) \\
 292871 &:= 1 \times 2 - ((3 + ((4! \times (5! - 6)) + 7! - 8!)) \times 9) &= ((9 \times ((8 + 7!) \times 6)) + 5!) + (((4!/3!)/2) - 1) \\
 292872 &:= 1 - (((2 - (3 \times (4^5 + 6!))) \times 7 \times 8) + 9) &= ((9 \times ((8! - 7) - 6^5)) + 4) + (3!^2 - 1) \\
 292873 &:= 1 \times ((23^4) - ((5 \times 6! - 7! - 8) \times 9)) &= ((9 \times ((8 + 7!) \times 6)) + 5!) + (((4!/3!)/2) + 1) \\
 292874 &:= (12 \times (((3 + 4)! \times 5)) - (6 + (7! + 8!/9))) &= ((9 \times ((8! - 7) - 6^5)) + 4) + 3!^2 + 1 \\
 292875 &:= ((1 + 2 \times 3! \times 4) \times (5! - (6 - 7!))) + (8! + 9) &= ((9 \times (8 \times 7! - 6^5)) + 4) - ((3! - 2)! + 1) \\
 292876 &:= 1 \times (2 \times (((3!! - 4) \times 5) - (6 - 7!)) \times (8 + 9)) &= (9 \times (8 \times 7! - (6^5 - 4 + 3!))) - 2 \times 1 \\
 292877 &:= 1 + (2 \times (((3!! - 4) \times 5) - (6 - 7!)) \times (8 + 9)) &= 9 + (((8! - 7) - (6^5 - 4)) \times (3^2)) - 1) \\
 292878 &:= (1 + 2)! \times (((3!! \times 4!)/5) + (6 + (7! + 8! - 9))) &= ((9 \times (8 \times 7! - 6^5)) - (4! - (3 + 2))) + 1 \\
 292879 &:= 1 \times (((2 \times (3!! \times (4 + 5))) + 6^7) - (8 + 9)) &= (9 \times ((8! - 7) - (6^5 - 4))) + 3^2 + 1 \\
 292880 &:= ((1 + 2)! + ((3^4 \times (5 \times 6!)) + (7! - 8!/9))) &= (9 \times ((8! - 7) - (6^5 - 4))) + ((3! \times 2) - 1) \\
 292881 &:= (((1 - (2 + 3!)) \times (4! - 5!)) - 6!) + (7 \times (8! - 9)) &= ((9 \times (8 \times 7! - 6^5)) - 4) - ((3! \times 2) - 1) \\
 292882 &:= (((1 + 2)! + 3!)^4) - (5 - (6 \times (7! + 8!))) - 9 &= ((9 \times (8 \times 7! - 6^5)) - (4 + 3^2)) - 1 \\
 292883 &:= ((1 + ((2 \times 3!)^4)) - (5 - (6 \times (7! + 8!)))) - 9 &= ((9 \times (8 \times 7! - 6^5)) - (4 + 3^2)) \times 1 \\
 292884 &:= (1 + 2)! \times (((3!^4 + 5!) \times 6) + (7 + 8! - 9)) &= ((9 \times (8 \times 7! - 6^5)) - (4 + 3^2)) + 1 \\
 292885 &:= 1 - 2 \times 3! - (((4! \times (5! - 6)) + 7! - 8!) \times 9) &= ((9 \times (8 \times 7! - 6^5)) + 4!) - (3!^2 - 1)
 \end{aligned}$$

$$\begin{aligned}
 292886 &:= ((1+2)!) + ((3^4 \times (5 \times 6! + 7)) + (8-9)) &= (9 \times ((8! - 7) - 6^5)) + ((4! + 3) \times 2 - 1) \\
 292887 &:= (1+2)!! - (3^4 \times ((5 \times 6! + 7) \times (8-9))) &= ((9 \times (8 \times 7! - 6^5)) + 4) - (3! \times 2 + 1) \\
 292888 &:= ((1 - (2 \times (3!! \times (4! - 5)))) + 6^7) + (8! - 9) &= (9 \times ((8! + 7) - (6^5 + 4))) - (3!^2 - 1) \\
 292889 &:= (((1+2) \times (((3! + 4)^5) - 6!)) - 7!) + 89 &= 9 - (8 \times (7! - (6 + ((5! - 4) \times (3!!/2 - 1)))))) \\
 292890 &:= (1 - ((2 - (3 \times (4^5 + 6!))) \times 7 \times 8)) + 9 &= ((9 \times (8 \times 7! - 6^5)) + 4) - (3^2 + 1) \\
 292891 &:= (((((1+2)!) \times (3! - 4!)) + 5) - 6^7) \times (8-9) &= ((9 \times (8 \times 7! - 6^5)) - (4 + 3)) + (2 \times 1) \\
 292892 &:= 1 \times (((2 \times 3!)^4) + ((5 + (6 \times (7! + 8!))) - 9)) &= ((9 \times ((8! - 7) - 6^5)) + 4!) + (3!^2 - 1) \\
 292893 &:= (1 + (((2 \times 3!)^4) + 5)) + ((6 \times (7! + 8!)) - 9) &= ((9 \times (8 \times 7! - 6^5)) - (4 - 3)) - 2 \times 1 \\
 292894 &:= (1+2)! - (((3+4)! - (5^6 + (7 \times (8! + 9)))) &= ((9 \times ((8! - 7) - 6^5)) + 4!) + 3!^2 + 1 \\
 292895 &:= ((1 - (2 \times (3!! \times (4 + 5)))) - 6^7) \times (8-9) &= (9 \times (8! - 7!)) + (((6 - 5!) \times 4!) \times (3^2)) - 1) \\
 292896 &:= ((1+2)!^3) \times (4! + (((5!/6 \times 7) + 8) \times 9)) &= ((9 + 8! \times 7) + (6^5)) + ((4 \times (3!! - 2)) - 1) \\
 292897 &:= 1 \times (((2 \times (3!! \times (4 + 5))) + 6^7) - 8 + 9) &= (9 \times (8! - 7!)) + (((6 - 5!) \times 4!) \times (3^2)) + 1) \\
 292898 &:= (1 - 2) + (3 - (((4! \times (5! - 6)) + 7! - 8!) \times 9)) &= ((9 \times ((8! + 7) - 6^5)) - 4!) - (3!^2 + 1) \\
 292899 &:= ((1+2) \times (((3!! - 4) \times 5) - 6)) + (7 \times (8! - 9)) &= (9 + ((8! + 7!) \times 6)) - (5 - (((4! \times 3!)^2) - 1)) \\
 292900 &:= (((1 + (2 \times 3!^4)) \times 5) + (6^7 + 8)) - 9 &= ((9 \times ((8! + 7) - 6^5)) - 4!) - (3!^2 - 1) \\
 292901 &:= 1 - (2 - (3! - (((4! \times (5! - 6)) + 7! - 8!) \times 9))) &= (9 \times (8! - 7!)) - ((6 \times (5 + (4^{3!} + 2))) + 1) \\
 292902 &:= (((1 + (2 \times 3!^4)) \times 5) + 6^7) - (8 - 9) &= ((9 \times (8 \times 7! - 6^5)) - 4) + 3^2 + 1 \\
 292903 &:= ((12 \times 3!! \times 4!) + ((5! \times (6! - 7)) - 8)) - 9 &= (9 \times (8! - 7!)) - ((6 \times (5 + (4^{3!} + 2))) - 1) \\
 292904 &:= 1 \times 2 + 3! - (((4! \times (5! - 6)) + 7! - 8!) \times 9) &= (9 \times ((8! - 7) - (6^5 - 4))) + (3!^2 - 1) \\
 292905 &:= (1 + ((2 + 3!!) \times 4!)) + ((5! + 6^7) - 8!/9) &= ((9 \times (8 \times 7! - 6^5)) - 4) + (3! \times 2 + 1) \\
 292906 &:= (((1 - 2 \times 3!!) \times (4! - 5)) + 6^7) + 8! - 9 &= 9 + 8! + (((7^6) + (5! \times (4! \times 3))) \times 2) - 1) \\
 292907 &:= (1 \times 2 - (3 \times (4! - (5 \times 6!)))) + (7 \times (8! - 9)) &= ((9 \times (8 \times 7! - 6^5)) - 4!) + (3!^2 - 1) \\
 292908 &:= (1+2)! + (3! - (((4! \times (5! - 6)) + 7! - 8!) \times 9)) &= ((9 \times (8 \times 7! - 6^5)) + (4 + 3^2)) - 1 \\
 292909 &:= 1 + 2 \times 3! - (((4! \times (5! - 6)) + 7! - 8!) \times 9) &= ((9 \times (8 \times 7! - 6^5)) + (4 + 3^2)) \times 1 \\
 292910 &:= (1 - ((2 - (3^4 \times 5)) \times (6! + 7))) - 8 \times 9 &= ((9 \times (8 \times 7! - 6^5)) + (4 + 3^2)) + 1 \\
 292911 &:= (1 - ((2 - 3!!) \times (4! + 5))) + ((6 \times 7! - 8) \times 9) &= (9 + ((8! + 7!) \times 6)) + (5 + (((4! \times 3!)^2) + 1)) \\
 292912 &:= 1 - (2 \times 3!! - ((4! \times (5^6 - 7!)) + 8! - 9)) &= ((9 + 8! \times 7) + (6^5 + (4 \times (3!! + 2)))) - 1 \\
 292913 &:= (((1+2)!! + 3!!) \times (4 + 5)) + (6^7 + 8) + 9 &= (9 \times ((8! + 7) - (6^5 + 4))) - (3^2 + 1) \\
 292914 &:= 1 \times 2 \times ((3!^4 \times (5! - (6 - (7 - 8)))) + 9) &= ((9 + 8! \times 7) + (6^5 + (4 \times (3!! + 2)))) + 1 \\
 292915 &:= (1 - 2 \times 3!!) + (((4 \times 5!) - 6) \times (7!/8 - 9)) &= ((9 \times (8 \times 7! - 6^5)) - 4) + ((3! - 2)! - 1) \\
 292916 &:= ((((-1 + 2 \times 3!)^4) \times (5!/6)) + 7) + 89 &= (9 \times (8! - 7!)) - ((6 \times (5 + 4^{3!})) - (2 \times 1)) \\
 292917 &:= (((1+2) \times 3!! - 4!) \times 5) + 6 + (7 \times 8! - 9) &= ((9 \times (8 \times 7! - 6^5)) - 4) + ((3! - 2)! + 1) \\
 292918 &:= (((1 + (2 \times 3!^4)) \times 5) + (6^7 + 8)) + 9 &= ((9 \times ((8! + 7) - 6^5)) - 4) - (3!^2 + 1) \\
 292919 &:= ((12 \times 3!! \times 4!) + ((5! \times (6! - 7)) + 8)) - 9 &= (9 \times (8 \times 7! - (6^5 - 4))) - (3! \times 2 + 1) \\
 292920 &:= ((1+2)!! + 3!!) - (4! \times (5 - ((6! + 7!/8) \times 9))) &= ((9 \times ((8! + 7) - 6^5)) - 4) - (3!^2 - 1) \\
 292921 &:= (1 + 2 \times 3!!) - (4! \times (5 - ((6! + 7!/8) \times 9))) &= (9 \times (8 \times 7! - (6^5 - 4))) - ((3! \times 2) - 1) \\
 292922 &:= ((1 + ((2 \times 3!! - 4!) \times 5)) \times 6 \times 7) - 8!/9 &= (9 \times (8 \times 7! - (6^5 - 4))) - (3^2 + 1) \\
 292923 &:= (((1+2)! + 3!)^4) - ((5 - (6 \times 7! + 8)) \times 9) &= ((9 \times (8 \times 7! - 6^5)) + 4) + ((3! - 2)! - 1)
 \end{aligned}$$

$$\begin{aligned}
 292924 &:= (1 + ((2 \times 3!)^4)) - ((5 - (6 \times 7! + 8)) \times 9) &= (9 \times ((8 + (7! \times 6)) - 5)) + (((4! \times 3!)^2) + 1) \\
 292925 &:= 1 - ((2 + 3!) - (((4 - 5!) \times 67) + 8!) \times 9) &= ((9 \times ((8! + 7) - 6^5)) - 4!) - (3^2 + 1) \\
 292926 &:= ((12 \times 3!! \times 4!) - 5!) + (6 + (7! \times (8 + 9))) &= ((9 \times ((8! + 7) - 6^5)) + 4) - (3!^2 + 1) \\
 292927 &:= ((1 + 2)! - 3!!) + (((4! \times 5! \times 6) - 7) \times (8 + 9)) &= (9 \times (8! - 7!)) - ((6 \times ((5 + 4^{3!}) - 2)) - 1) \\
 292928 &:= (((1 + 2) + 3!!) \times 4!) + ((5! + 6^7) - 8!/9) &= ((9 \times ((8! + 7) - 6^5)) + 4) - (3!^2 - 1) \\
 292929 &:= (1 - ((2 - 3!) \times (4! + 5))) + (6 \times (7! + 8! - 9)) &= ((9 \times (8 \times 7! - 6^5)) - 4) + 3!^2 + 1 \\
 292930 &:= 1 \times (2 \times (3!! - (((4! + 5) \times (6 - (7! - 8))) + 9))) &= ((9 \times (8 \times 7! - 6^5)) + 4!) + 3^2 + 1 \\
 292931 &:= 1 + (2 \times (3!! - (((4! + 5) \times (6 - (7! - 8))) + 9))) &= 9 + (((8! + 7) - (6^5 + 4)) \times (3^2)) - 1) \\
 292932 &:= (1 + 2)! \times ((3!! + (4! - (5! + 6))) \times (7 + 8 \times 9)) &= ((9 \times ((8! + 7) - 6^5)) - 4) - ((3! - 2)! - 1) \\
 292933 &:= (1 - 2 \times 3!) + (4! \times ((5 + 6! - 7) \times (8 + 9))) &= 9 + (((8! + 7) - (6^5 + 4)) \times (3^2)) + 1) \\
 292934 &:= 1 - ((2 - 3) - (((4 - 5!) \times 67) + 8!) \times 9) &= (9 \times ((8! + 7) - (6^5 + 4))) + ((3! \times 2) - 1) \\
 292935 &:= (((1 + 2) \times 3!! - 4!) \times 5) + (6 + 7 \times 8!) + 9 &= ((9 \times (8 \times 7! - 6^5)) + 4) + (3!^2 - 1) \\
 292936 &:= (12 \times 3!!) - ((4! \times 5) - (6^7 + 8!/9)) &= (9 \times ((8! + 7) - (6^5 + 4))) + (3! \times 2 + 1) \\
 292937 &:= ((12 \times 3!! \times 4!) + ((5! \times (6! - 7)) + 8)) + 9 &= ((9 \times (8 \times 7! - 6^5)) + 4) + 3!^2 + 1 \\
 292938 &:= (((1 + 2)!! - 3!) \times (4! + 5)) + ((6 \times 7! + 8) \times 9) &= ((9 \times ((8! + 7) - 6^5)) + 4) - ((3! - 2)! + 1) \\
 292939 &:= 1 \times ((2 \times (3!! - ((4! + 5) \times (6 - (7! - 8)))) - 9) &= (9 \times (8 \times 7! - (6^5 - 4))) + (3! + (2 - 1)) \\
 292940 &:= (1 + (2 \times (3!! - ((4! + 5) \times (6 - (7! - 8)))))) - 9 &= 9 + (((8 \times 7! - (6^5 - 4)) \times (3^2)) - 1) \\
 292941 &:= (1 - 2 \times 3!) \times (((4! - 5) \times 6!) - 7! \times 8 + 9) &= 9 - ((8! - (((7 + (6^5)) \times 4!) - 3!)) \times 2 \times 1) \\
 292942 &:= 1 + (((2 + 3!!) \times 45) + (67 - 8)) \times 9 &= 9 + (((8 \times 7! - (6^5 - 4)) \times (3^2)) + 1) \\
 292943 &:= 1 - (2 - (3! \times (4 \times ((5 + 6! - 7) \times (8 + 9)))))) &= (9 \times (8 \times 7! - (6^5 - 4))) + ((3! \times 2) - 1) \\
 292944 &:= (((1 + 2)! + 3!)^4 + 5!) + ((6 \times 7! - 8) \times 9) &= ((9 + (8! + 7!)) \times 6) - (5 - (((4! \times 3!)^2) - 1)) \\
 292945 &:= (1 + (((2 \times 3!)^4 + 5!)) + ((6 \times 7! - 8) \times 9) &= ((9 \times ((8! + 7) - 6^5)) - 4) - (3^2 + 1) \\
 292946 &:= ((1 + ((2 \times 3!)^4)) - 5) + (6 \times (7! + 8! + 9)) &= 9 - (((8! - (((7 + (6^5)) \times 4!) - 3)) \times 2) + 1) \\
 292947 &:= (1 + 2) \times (((3!! \times 4! - ((5 + 6!) \times 7)) \times 8) + 9) &= 9 - ((8! - (((7 + (6^5)) \times 4!) - 3)) \times 2 \times 1) \\
 292948 &:= (1 - ((2 - 3!) \times (4 + (5 + 6)))) + (7 \times (8! - 9)) &= 9 - (((8! - (((7 + (6^5)) \times 4!) - 3)) \times 2) - 1) \\
 292949 &:= 1 - (2 - (3! + (4! \times ((5 + 6! - 7) \times (8 + 9)))))) &= (9 \times (8 \times 7! - 6^5)) + ((4! + 3) \times 2 - 1) \\
 292950 &:= (((1 + 2)!) \times ((3^4 \times 5) - 6)) + ((7!/8) \times 9) &= (((9 + 8!) \times 7) + (6^5)) + ((4 \times (3!! - 2)) - 1) \\
 292951 &:= (((1 + 2) \times 3!! - 4) \times 5) - 6 + (7 \times (8! - 9)) &= ((9 + (8! + 7!)) \times 6) + (((5! + (4 \times 3!))^2) + 1) \\
 292952 &:= 1 \times 2 - (((((3!!/4) + 5) \times 6 \times 7) - 8!) \times 9) &= (((9 + 8!) \times 7) + (6^5)) + ((4 \times (3!! - 2)) + 1) \\
 292953 &:= ((1 + 2) \times (((3!! - 4) \times 5) - 6)) + (7 \times 8! - 9) &= ((9 \times ((8! + 7) - 6^5)) + 4) - (3^2 + 1) \\
 292954 &:= ((1 + ((2 + (3^4 \times 5)) \times 6!)) - 78) - 9 &= ((9 + (8! + 7!)) \times 6) + ((5 + ((4! \times 3!)^2)) - 1) \\
 292955 &:= (1 + 2^{3!}) \times (((4 + (5 \times 6)) - 7) + 8!/9) &= (9 \times (8! - 7!)) - (((6!/5!) \times (4^{3!} - 2)) + 1) \\
 292956 &:= (1 + (((2 \times 3!)^4 + 5)) + (6 \times (7! + 8! + 9)) &= ((9 + (8! + 7!)) \times 6) + (5 + (((4! \times 3!)^2) + 1)) \\
 292957 &:= 1 \times ((2 \times (3!! - ((4! + 5) \times (6 - (7! - 8)))))) + 9 &= (9 \times (8! - 7!)) - (((6!/5!) \times (4^{3!} - 2)) - 1) \\
 292958 &:= (1 + (2 \times (3!! - ((4! + 5) \times (6 - (7! - 8)))))) + 9 &= (9 \times ((8! + 7) - (6^5 + 4))) + (3!^2 - 1) \\
 292959 &:= ((1 - 2^{3!}) \times (4^5 + (6 - 7!))) + (8! + 9) &= ((9 \times ((8! + 7) - 6^5)) + (4 - 3!)) + (2 \times 1) \\
 292960 &:= 1 \times 2^{3!} - (((4! \times (5! - 6)) + 7! - 8!) \times 9) &= 9 - ((8! - (((7 + (6^5)) \times 4!) + 3)) \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 292961 &:= (1 + 2^{3!}) - (((4! \times (5! - 6)) + 7! - 8!) \times 9) &= (9 \times (8! - 7!)) + ((6 \times (5 - (4^{3!} + 2))) - 1) \\
 292962 &:= 1 \times (((2 \times 3!)^4) + (5! + (6 \times (7! + 8! - 9)))) &= (9 \times (8 + (7! \times 6))) - (5 - (((4! \times 3!)^2) - 1)) \\
 292963 &:= (1 + (((2 \times 3!)^4) + 5!)) + (6 \times (7! + 8! - 9)) &= (9 \times (8! - 7!)) + ((6 \times (5 - (4^{3!} + 2))) + 1) \\
 292964 &:= ((1 + ((2 \times 3!)^4)) - 5) + ((6 \times 7! + 8) \times 9) &= 9 - (((8! - (((7 + (6^5)) \times 4!) + 3!)) \times 2) + 1) \\
 292965 &:= (1 - 2) \times ((3 \times (4 - (5 \times 6!))) - (7 \times (8! - 9))) &= ((9 \times ((8! + 7) - 6^5)) - 4) + 3^2 + 1 \\
 292966 &:= 1 \times (2 \times (3! - (((4! + 5) \times (6 - (7! - 8)))) - 9))) &= 9 - (((8! - (((7 + (6^5)) \times 4!) + 3!)) \times 2) - 1) \\
 292967 &:= 1 - (2 - ((3! \times (4! + 5)) + ((6 \times 7! - 8) \times 9))) &= (9 \times (8 \times 7! - (6^5 - 4))) + (3!^2 - 1) \\
 292968 &:= ((1 \times 2 + 3!) \times 4) + ((5! \times 6!) + ((7! - 8) \times 9)) &= (((9 + 8!) \times 7) + (6^5)) + ((4 \times (3!! + 2)) + 1) \\
 292969 &:= (1 + (((2 + 3!) \times 4) + (5! \times 6!))) + ((7! - 8) \times 9) &= (9 \times (8 \times 7! - (6^5 - 4))) + 3!^2 + 1 \\
 292970 &:= (1 \times 2 + (3!! \times (4! + 5))) + ((6 \times 7! - 8) \times 9) &= ((9 \times ((8! + 7) - 6^5)) - 4!) + (3!^2 - 1) \\
 292971 &:= (1 + ((2 + (3^4 \times 5)) \times 6!)) - (7! / (8 \times 9)) &= (9 \times (8! - 7!)) - (((6 \times 5) + 4) \times (3!! + 2)) + 1) \\
 292972 &:= (((1 + (2 + 3!)!) \times 4) + (5! \times 6!)) + ((7! - 8) \times 9) &= ((9 \times ((8! + 7) - 6^5)) - 4!) + 3!^2 + 1 \\
 292973 &:= 1 \times (((2 \times 3!)^4) + (5 + ((6 \times 7! + 8) \times 9))) &= ((9 \times ((8! + 7) - 6^5)) + 4) + 3^2 + 1 \\
 292974 &:= (1 + (((2 \times 3!)^4) + 5)) + ((6 \times 7! + 8) \times 9) &= (9 \times (8 + (7! \times 6))) + (5 + (((4! \times 3!)^2) + 1)) \\
 292975 &:= 1 - (((2^{3 \times 4}) - 5) \times 6) + ((7! - 8!) \times 9) &= 9 - ((8 - (7! + (6 + (5! \times 4!)))) \times (3!^2 + 1)) \\
 292976 &:= 1 \times (((2 + 3! \times 4!) \times 5!) + 6^7) - 8! / 9 &= (9 \times ((8! - 7) - (6^5 + 4!))) + (3!! / 2 - 1) \\
 292977 &:= 1 + (((2 + 3! \times 4!) \times 5!) + 6^7) - 8! / 9 &= (9 \times ((8! - 7) - (6^5 + 4!))) + (3!! / 2 \times 1) \\
 292978 &:= (1 - ((2 + 3)! \times (4! - 5!))) - (6! - (7 \times (8! - 9))) &= (9 \times ((8! - 7) - (6^5 + 4!))) + (3!! / 2 + 1) \\
 292979 &:= (1 \times 2 - ((3 \times (4! - (5 \times 6!))) - (7 \times 8!))) + 9 &= (9 + 8! \times 7) + (((6! \times 5 - 4!) \times 3) + 2 \times 1) \\
 292980 &:= (1 + ((2 - (3^4 \times 5)) \times (6! + 7))) \times (8 - 9) &= ((9 \times ((8! + 7) - 6^5)) + ((4 \times 3!) - 2)) - 1 \\
 292981 &:= (1 - ((2 - (3^4 \times 5)) \times (6! + 7))) + (8 - 9) &= (9 \times ((8! - 7) - 6^5)) + (4 \times (3!^2 + 1)) \\
 292982 &:= 1 + ((2 - (3^4 \times 5)) \times ((6! + 7) \times (8 - 9))) &= ((9 \times ((8! + 7) - 6^5)) + ((4 \times 3!) - 2)) + 1 \\
 292983 &:= 1 - (((2 - (3^4 \times 5)) \times (6! + 7)) + (8 - 9)) &= (((9 + 8!) \times 7) - 6!) + (5! \times ((4 \times (3! - 2)!) - 1)) \\
 292984 &:= ((1 + (2 \times ((3 + 4)!)) - (5! - 6!)) + (7 \times (8! + 9))) &= ((9 \times ((8! + 7) - 6^5)) + ((4 \times 3!) + 2)) - 1 \\
 292985 &:= (1 + (2 \times (3 + 4!))) \times (5! + (6! + (7 + 8! / 9))) &= (9 \times ((8! + 7) - (6^5 - 4))) - (3^2 + 1) \\
 292986 &:= ((1 + 2)!! - (3! - 4!)) \times (((5 \times (6! - 7)) + 8) / 9) &= ((9 \times ((8! + 7) - 6^5)) + ((4 \times 3!) + 2)) + 1 \\
 292987 &:= (1 + 2 \times 3!!) - ((4! \times 5! + ((6 + 7!) - 8!)) \times 9) &= (9 \times (8! - 7!)) + ((6 \times (5 - (4^{3!} - 2))) + 1) \\
 292988 &:= 1 - (2 - ((3 \times (4 + 5 \times 6!)) + (7 \times (8! - 9)))) &= (9 \times (8 \times 7! - 6^5)) + (4 \times ((3! - 2)! - 1)) \\
 292989 &:= ((1 + 2) \times (((3!! - 4) \times 5) + 6)) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) - (6 \times ((5 \times (4 - 3!! / 2)) - 1)) \\
 292990 &:= 1 \times ((2 + 3^4) \times (5 \times 6! - (7! / (8 \times 9)))) &= ((9 \times ((8! + 7) - 6^5)) - 4) + (3!^2 - 1) \\
 292991 &:= 1 \times (2 + ((3 \times (4 + 5 \times 6!)) + (7 \times (8! - 9)))) &= (9 \times ((8! / 7 + 6!) \times 5)) - (((4! - 3!!) \times 2) + 1) \\
 292992 &:= (1 - ((2 - 3!!) \times (4! + 5))) + ((6 \times (7! + 8!)) + 9) &= ((9 \times ((8! + 7) - 6^5)) - 4) + 3!^2 + 1 \\
 292993 &:= 1 \times (((2 + (3^4 \times 5)) \times 6!) - ((7 \times 8) - 9)) &= ((9 \times ((8! + 7) - 6^5)) + 4!) + 3^2 + 1 \\
 292994 &:= ((1 + ((2 + (3^4 \times 5)) \times 6!)) - (7 \times 8)) + 9 &= ((9 \times ((8! + 7) - 6^5)) + 4!) + ((3! \times 2) - 1) \\
 292995 &:= ((1 + 2) \times (3! - (4! - (5 \times 6!)))) + (7 \times 8! + 9) &= (9 + 8! \times 7) - (6 \times (((5 \times (4 - 3!!)) / 2) - 1)) \\
 292996 &:= 1 - ((2 - ((3! \times (4! \times 5! - 6)) - 7)) \times (8 + 9)) &= ((9 \times ((8! + 7) - 6^5)) + 4!) + (3! \times 2 + 1) \\
 292997 &:= 1 \times (2 + ((3 + (4! \times (5 + 6! - 7))) \times (8 + 9))) &= (9 \times (8 \times 7! - 6^5)) + (((4 + 3!)^2) + 1) \\
 292998 &:= ((1 + 2) \times ((3 + 4) + 5 \times 6!)) + (7 \times (8! - 9)) &= ((9 \times ((8! + 7) - 6^5)) + 4) + (3!^2 - 1)
 \end{aligned}$$

$$\begin{aligned} 292999 &:= (1 - ((2 - (3^4 \times 5)) \times (6! + 7))) + (8 + 9) &= ((9 \times ((8! + 7) - (6^5 - 4))) + (3! - 2)) \times 1 \\ 293000 &:= (1 + (2 \times 3!! + 4!)) \times (5! - (6! / ((7 - 8) \times 9))) &= ((9 \times ((8! + 7) - 6^5)) + 4) + 3!^2 + 1 \end{aligned}$$

2.1.14 Numbers From 293001 to 294000

$$\begin{aligned} 293001 &:= (((1 + 2)!^{3!} / 4) - 5!) - (6! - (7 \times (8! - 9))) &= ((9 \times ((8! + 7) - (6^5 - 4))) + 3) + (2 + 1) \\ 293002 &:= (1 - ((2 - 3!!) \times (4 + (5 + 6)))) + (7 \times 8! - 9) &= 9 - (((8 + ((7! - 6!) / 5)) \times (4! - 3!! / 2)) - 1) \\ 293003 &:= (((1 + 2) \times 3!! + 4) \times 5) + 6) + (7 \times (8! - 9)) &= 9 + (((8! + 7) - (6^5 - 4)) \times (3^2)) - 1) \\ 293004 &:= (1 + 2)! \times (((3!! + ((4 + 5) \times 6)) \times 7) + 8) \times 9 &= ((9 \times ((8! + 7) - (6^5 - 4))) + (3! + 2)) + 1 \\ 293005 &:= (((1 + 2) \times 3!! - 4) \times 5) - (6 - (7 \times 8!)) - 9 &= 9 + (((8! + 7) - (6^5 - 4)) \times (3^2)) + 1) \\ 293006 &:= (-1 + (((2 \times 3!)^4) + (5! + (6 \times (7! + 8!)))) - 9 &= (9 \times ((8! + 7) - (6^5 - 4))) + ((3! \times 2) - 1) \\ 293007 &:= (((1 + 2)! + 3!)^4 + 5!) + ((6 \times (7! + 8!)) - 9) &= ((9 \times ((8! + 7) - 6^5)) + ((4 + 3^2)) - 1) \\ 293008 &:= (1 + (((2 \times 3!)^4) + (5! + (6 \times (7! + 8!)))) - 9 &= (9 \times ((8! + 7) - (6^5 - 4))) + (3! \times 2 + 1) \\ 293009 &:= (1 + 2^{3!}) + (4! \times ((5 + 6! - 7) \times (8 + 9))) &= (9 - (8 \times ((7! - 6!) - ((5^4) + (3! + 2)!))) \times 1 \\ 293010 &:= ((12 \times 3!! \times 4!) - (5 \times 6)) + (7! \times (8 + 9)) &= (9 + 8! \times 7) + (((6! + 5^4) \times (3! + 2)) + 1) \\ 293011 &:= 1 - (2 \times (3! - ((4! + (5^6 + 7! / 8)) \times 9))) &= (9 \times ((8! + 7) - 6^5)) + (4 \times (3! \times 2 + 1)) \\ 293012 &:= ((1 + ((2 - 3!!) \times 4!)) - 5) \times ((6 - 7) \times (8 + 9)) &= (9 \times ((8! + 7) - 6^5)) + ((4! + 3) \times 2 - 1) \\ 293013 &:= 1 \times (((2 \times 3!)^4) + ((5 + (6 \times 7! + 8)) \times 9)) &= ((9 + 8! \times 7) - 6) + (((5! / 4) \times (3!! / 2 - 1)) \\ 293014 &:= (1 + ((2 \times 3!)^4)) + ((5 + (6 \times 7! + 8)) \times 9) &= (9 \times ((8! - 7) - (6^5 - 4!))) - (3!^2 - 1) \\ 293015 &:= 1 - (2 + (3!! + (4! \times (5! - ((6! + 7) \times (8 + 9)))))) &= ((9 \times ((8! / 7 + 6!) \times 5)) - 4!) + 3!! \times 2 - 1 \\ 293016 &:= ((1 + 2) \times (3! + 4)^5) - ((6! + 7 \times 8) \times 9) &= 9 \times 8 + (((7! / (6! / 5!)) - 4!) \times (3!! / 2 - 1)) \\ 293017 &:= (((1 + 2) \times 3!! - 4) \times 5) + ((6 + 7 \times 8!) - 9) &= ((9 \times ((8! / 7 + 6!) \times 5)) - 4!) + (3!! \times 2 + 1) \\ 293018 &:= (1 - 2 \times 3!) \times (((4! - 5) \times 6!) - (7 + 8! - 9)) &= ((9 \times ((8! + 7) - 6^5)) + 4!) + (3!^2 - 1) \\ 293019 &:= ((1 + 2) \times (((3!! + 4) \times 5) - 6)) + (7 \times (8! - 9)) &= (9 + 8! \times 7) - ((6 \times 5) \times (((4 - 3!!) / 2) - 1)) \\ 293020 &:= (1 - ((2 - 3!!) \times (4 + (5 + 6)))) + (7 \times 8! + 9) &= ((9 \times ((8! + 7) - 6^5)) + 4!) + 3!^2 + 1 \\ 293021 &:= 1 \times 2 - ((3 \times (4 - (5 \times 6!))) - (7 \times 8! - 9)) &= ((9 \times ((8! + 7) - 6^5)) + 4^3) - 2 \times 1 \\ 293022 &:= (1 + 2) - ((3 \times (4 - (5 \times 6!))) - (7 \times 8! - 9)) &= 9 + 8! - 7 + ((6! - 5 \times 4) \times (3!! / 2 + 1)) \\ 293023 &:= (((1 + 2) \times 3!! - 4) \times 5) - (6 - (7 \times 8!)) + 9 &= 9 \times 8 + (7 + ((6! + (5! - 4!)) \times (3!! / 2 - 1))) \\ 293024 &:= (1 - (((2 + 3)! \times (4 \times (5! - 6!))) - 7!)) - (8 + 9) &= (9 + ((8! + 7!) \times 6)) + ((5! + ((4! \times 3!)^2)) - 1) \\ 293025 &:= 1 \times ((2 \times ((3! \times 4^5) - 6!)) + (7 \times (8! - 9))) &= (9 + 8! \times 7 + 6) + ((5! / 4) \times (3!! / 2 - 1)) \\ 293026 &:= (1 + (((2 \times 3!)^4) + (5! + (6 \times (7! + 8!)))) + 9 &= (9 + ((8! + 7!) \times 6)) + (5! + (((4! \times 3!)^2) + 1)) \\ 293027 &:= (1 + ((2 + 3!!) \times (4! + 5))) + ((6 \times 7! - 8) \times 9) &= (9 \times (8! / 7)) - ((6 \times (5! - ((4! / 3)! - 2))) + 1) \\ 293028 &:= 1 \times 2 \times (3 + ((4! + (5^6 + 7! / 8)) \times 9)) &= 9 + 8! + ((7 \times (((6 + 5!) + 4^3)^2)) - 1) \\ 293029 &:= 1 + ((2 \times ((3!! \times (4! + 5!)) - 6)) + (7! \times (8 + 9))) &= (9 \times (8! / 7)) - ((6 \times (5! - ((4! / 3)! - 2))) - 1) \\ 293030 &:= (1 - 2 - (3 \times (4! - (5 \times 6!)))) + (7 \times (8! + 9)) &= 9 + (8! + ((7 \times (((6 + 5!) + 4^3)^2)) + 1)) \\ 293031 &:= ((1 \times 2 + 3!)! \times 4) + ((5! \times 6!) + (7! + 8! - 9)) &= ((9 \times ((8! / 7 + 6!) \times 5)) - ((4 - 3!!) \times 2)) - 1 \\ 293032 &:= (1 - ((2 - (3 \times 4! \times 5)) \times 6!)) - (7! - 8! + 9) &= (9 \times ((8! + 7) - (6^5 - 4))) + 3!^2 + 1 \\ 293033 &:= 1 - (2 \times ((3! \times (4 + 5 \times (6 - 7!))) + 8! / 9)) &= ((9 \times ((8! / 7 + 6!) \times 5)) - ((4 - 3!!) \times 2)) + 1 \end{aligned}$$

$$\begin{aligned}
 293034 &:= 1 \times 2 \times (3! + ((4! + (5^6 + 7!/8)) \times 9)) &= (9 + (8! \times 7 + (((6! \times 5 - 4) \times 3) - 2))) - 1 \\
 293035 &:= (((1 + (2 + 3!)) \times 4) + ((5! \times 6! + 7!)) + (8! - 9)) &= (9 + (8! \times 7 + (((6! \times 5 - 4) \times 3) - 2))) \times 1 \\
 293036 &:= 1 - ((2 + (3 \times (4 - (5 \times 6!)))) - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (((6! \times 5 - 4) \times 3) - 2))) + 1 \\
 293037 &:= (1 - ((2 - 3!) \times (4! + 5!)) + (6 \times (7! + 8! + 9))) &= ((9 \times ((8!/7 + 6!) \times 5)) - 4) + (3!! \times 2 + 1) \\
 293038 &:= ((-1 \times 2) + 3!) + (4 \times ((5! + 6!) \times (78 + 9))) &= (9 \times ((8! - 7) - (6^5 - 4!))) - ((3! \times 2) - 1) \\
 293039 &:= 1 \times 2 - ((3 \times (4 - (5 \times 6!))) - (7 \times 8! + 9)) &= (9 \times ((8! - 7) - (6^5 - 4!))) - (3^2 + 1) \\
 293040 &:= (1 \times 2 + (3 \times 4!)) \times (5! - ((6! + 7! - 8!)/9)) &= ((9 \times 8!/7! + 6!) \times 5) \times ((4! \times 3) + 2 \times 1) \\
 293041 &:= (1 - 2 \times 3!) + (4! \times (5! + ((6! + 7!/8) \times 9))) &= (9 \times ((8! + 7!)/6)) + (((5^4) \times 3!!/2) + 1) \\
 293042 &:= (1 - 2) + ((3 \times (4 + 5 \times 6!)) + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) + (((5!/4) \times 3!!/2) - 1) \\
 293043 &:= ((1 + 2)!! - 3!) - (((4! + 5) \times (6 \times 7! - 8!)) - 9) &= ((9 \times ((8!/7 + 6!) \times 5)) + 4) + 3!! \times 2 - 1 \\
 293044 &:= ((1 \times 2 + 3!) \times (4! + 5)) + (6 \times (7! + 8! - 9)) &= (9 \times (8 \times 7! - 6^5)) + (4 \times (3!^2 + 1)) \\
 293045 &:= 1 \times (2 + ((3 \times (4 + 5 \times 6!)) + 7 \times 8! - 9)) &= (9 + 8! \times 7) - (((6 - ((5!/4) \times 3!!))/2) + 1) \\
 293046 &:= 1 + (2 + ((3 \times (4 + 5 \times 6!)) + 7 \times 8! - 9)) &= (9 + 8! \times 7) - ((6 - ((5!/4) \times 3!!))/2 \times 1) \\
 293047 &:= (1 + (((2 + (3^4 \times 5)) \times 6!) + 7)) + (8 - 9) &= (9 + 8! \times 7) - (((6 - ((5!/4) \times 3!!))/2) - 1) \\
 293048 &:= ((1 - 2) + (3 \times (4! + 5 \times 6!))) + (7 \times (8! - 9)) &= (9 \times ((8! - 7) - 6^5)) + ((4! \times (3^2)) - 1) \\
 293049 &:= ((1 \times 2 + 3!)! \times 4) + ((5! \times 6!) + (7! + 8! + 9)) &= (9 + (8! + 7!)) - (6! \times ((5 + ((4! - 3!!)/2)) - 1)) \\
 293050 &:= (1 - ((2 - (3 \times 4! \times 5)) \times 6!)) - (7! - 8! - 9) &= (9 \times ((8! - 7) - 6^5)) + ((4! \times (3^2)) + 1) \\
 293051 &:= (1 \times 2 + 3!) - (((4! + 5) \times (6 \times 7! - 8!)) - 9) &= (9 \times (8!/7)) - ((6 \times (5! - ((4!/3)! + 2))) + 1) \\
 293052 &:= 1 \times 2 \times (3! + (4! \times (5^6 - (7! + 8!/9)))) &= ((9 \times ((8! - 7) - (6^5 - 4!))) + (3! - 2)) - 1 \\
 293053 &:= (((1 + (2 + 3!)) \times 4) + ((5! \times 6! + 7!)) + (8! + 9)) &= (9 \times (8!/7)) - ((6 \times (5! - ((4!/3)! + 2))) - 1) \\
 293054 &:= (1 - ((2 - (3^4 \times 5)) \times (6! + 7))) + 8 \times 9 &= (9 + 8! \times 7 + 6) + (((5!/4) \times 3!!/2) - 1) \\
 293055 &:= (1 - ((2 - 3!) \times (4! + 5!)) + ((6 \times 7! + 8) \times 9)) &= (9 + 8! - 7!) - (6 \times ((5! \times ((4 - 3!!)/2)) - 1)) \\
 293056 &:= (1 \times 2^{3!}) \times (4! - (5 - ((6! + 7! \times 8)/9))) &= (9 + 8! \times 7 + 6) + (((5!/4) \times 3!!/2) + 1) \\
 293057 &:= (((1 + 2) \times 3!! + 4) \times 5) + 6 + (7 \times 8! - 9) &= ((9 \times ((8! - 7) - (6^5 - 4!))) + 3!) + (2 \times 1) \\
 293058 &:= 1 \times 2 + ((3 \times (4! \times 5!)) + (6^7 + 8!/9)) &= (9 \times ((8! + 7) - 6^5)) + (((4 + 3!)^2) - 1) \\
 293059 &:= (1 + 2) + ((3 \times (4! \times 5!)) + (6^7 + 8!/9)) &= (9 \times ((8! - 7) - (6^5 - 4!))) + 3^2 + 1 \\
 293060 &:= 1 - (2 - ((3 \times (4 + 5 \times 6!)) + (7 \times 8! + 9))) &= (9 \times ((8! - 7) - (6^5 - 4!))) + ((3! \times 2) - 1) \\
 293061 &:= ((1 + 2) \times (((3!! - 4) \times 5) + 6)) + (7 \times (8! + 9)) &= (9 \times ((8 + 7!) \times 6)) + ((5 \times (4^{3!} - 2)) - 1) \\
 293062 &:= (1 - 2 \times 3!) \times (((4! - 5) \times 6!) + (7 - 8! - 9)) &= (9 + 8! - (7 - (6! \times (5 - 4!)))) \times ((3! \times 2) - 1) \\
 293063 &:= 1 \times 2 + ((3 \times (4 + 5 \times 6!)) + (7 \times 8! + 9)) &= (9 \times ((8 + 7!) \times 6)) + ((5 \times (4^{3!} - 2)) + 1) \\
 293064 &:= (1 + 2) + ((3 \times (4 + 5 \times 6!)) + (7 \times 8! + 9)) &= (9 + (8!/7)) + (((6! - 5!) - 4^3)^2) - 1) \\
 293065 &:= (1 + (((2 + (3^4 \times 5)) \times 6!) + 7)) + (8 + 9) &= ((9 \times ((8!/7 + 6!) \times 5)) + 4!) + (3!! \times 2 + 1) \\
 293066 &:= (1 - (((2 - 3!) \times (4 \times (5 + 6))) - 7!) \times 8)) + 9 &= (9 + (8!/7)) + (((6! - 5!) - 4^3)^2) + 1) \\
 293067 &:= ((1 + 2)! + (3 \times (4 + 5 \times 6!))) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) - 6) + ((5!/4) \times (3!!/2 - 1)) \\
 293068 &:= 12 + ((3 \times (4! \times 5!)) + (6^7 + 8!/9)) &= 9 + (((87 - 6) \times ((5 \times (4 + 3!!)) - 2)) + 1) \\
 293069 &:= (1 + 2 \times 3! \times 4) \times (5 + ((6! - (7 \times 8)) \times 9)) &= ((9 + (8! + 7!)) \times 6) + ((5! + ((4! \times 3!)^2)) - 1) \\
 293070 &:= (((1 + 2)! + 3!)^4 + 5!) + (6 \times (7! + 8! + 9)) &= ((9 \times ((8 + 7!) \times 6)) + (5 \times 4^{3!})) - 2 \times 1 \\
 293071 &:= (1 + (((2 \times 3!)^4 + 5!)) + (6 \times (7! + 8! + 9)) &= ((9 + (8! + 7!)) \times 6) + (5! + (((4! \times 3!)^2) + 1)) \\
 293072 &:= 1 \times (((2^{3 \times 4}) \times 5) + (6 \times ((7! + 8) \times 9))) &= (9 \times ((8! - 7) - (6^5 - 4!))) + ((3! - 2)! - 1)
 \end{aligned}$$

$$\begin{aligned}
 293073 &:= (1 + ((2^{3 \times 4}) \times 5)) + (6 \times ((7! + 8) \times 9)) &= ((9 + 8! \times 7) - 6) + ((5!/4) \times (3!/2 + 1)) \\
 293074 &:= (((1 + 2) \times (3! + 4! \times 5!)) + 6^7) + 8!/9 &= (9 \times ((8! - 7) - (6^5 - 4!))) + ((3! - 2)! + 1) \\
 293075 &:= (((1 + 2) \times 3!! + 4) \times 5) + 6) + (7 \times 8! + 9) &= (9 \times (8 \times 7! - (6^5 - 4!))) - (3!^2 + 1) \\
 293076 &:= (1 - 2^{3!}) \times (4^5 - (6 + ((7!/8) \times 9))) &= 9 - (8 + 7! - (((6! - ((5 + 4!) \times 3!))^2) - 1)) \\
 293077 &:= ((1 + (2^{3 \times 4})) \times 5) + (6 \times ((7! + 8) \times 9)) &= (9 \times (8 \times 7! - (6^5 - 4!))) - (3!^2 - 1) \\
 293078 &:= (-1 + 2) - ((3 + (4^5 + 6! - 7!)) \times 89) &= 9 - (8 + 7! - (((6! - ((5 + 4!) \times 3!))^2) + 1)) \\
 293079 &:= (1 - ((2 - 3!) \times (4 - 5!))) \times (6 - (7!/8 + 9)) &= (9 + (8! + 7!)) + ((6! - (5!/4)) \times (3!/2 - 1)) \\
 293080 &:= (1 + ((2 \times ((3! \times 4^5) - 6!)) + 7 \times 8!)) - 9 &= ((9 + 8) \times (7 \times 6! - (5 \times (4 - 3!)))) \times 2 \times 1 \\
 293081 &:= 1 + (((2 + (3! \times (4! \times 5!))) - (6 \times 7)) \times (8 + 9)) &= (9 \times ((8 + 7!) \times 6)) + ((5 \times (4^{3!} + 2)) - 1) \\
 293082 &:= (1 + 2) \times ((3! \times (4 + 5^6)) - ((7! - 8!)/9)) &= (9 \times ((8 + 7!) \times 6)) + (5 \times (4^{3!} + 2 \times 1)) \\
 293083 &:= (((1 + 2 \times 3!!) \times (4! + 5)) + 6!) \times 7) - 8!/9 &= (9 \times ((8 + 7!) \times 6)) + ((5 \times (4^{3!} + 2)) + 1) \\
 293084 &:= -1 + (((2 + 3!)! + (45 \times (6! - (7 - 8)))) \times 9) &= (9 \times ((8! - 7) - (6^5 - 4!))) + (3!^2 - 1) \\
 293085 &:= ((1 + ((2 \times 3!!)/4)) \times (5 + 6!)) + (7 \times 8!/9) &= (9 + 8! \times 7 + 6) + ((5!/4) \times (3!/2 + 1)) \\
 293086 &:= 1 - ((2 + (((3!^4 - 5) \times 6) + 7 - 8!)) \times 9) &= (9 \times ((8! - 7) - (6^5 - 4!))) + 3!^2 + 1 \\
 293087 &:= 1 \times (((2 + (3^4 \times 5)) \times 6!) + ((7 \times 8) - 9)) &= (9 \times (8 + (7! \times 6))) + ((5! + ((4! \times 3!)^2)) - 1) \\
 293088 &:= 1 \times (((2 \times 3!)^4) + (5! + ((6 \times 7! + 8) \times 9))) &= (9 \times ((8! - 7) - 6^5)) + ((4^{3! - 2}) - 1) \\
 293089 &:= (1 - ((2 + (3!!/4)) \times 5!)) + ((6^7/8) \times 9) &= 9 - (8 \times ((7! - 6!) - (5 \times ((4^{3!} \times 2) - 1)))) \\
 293090 &:= (1 + (((2 + 3!!) \times (4! + 5)) + (6 \times (7! + 8!)))) - 9 &= (9 \times ((8! - 7) - 6^5)) + ((4^{3! - 2}) + 1) \\
 293091 &:= 1 - ((2 - (3!! + 4!)) \times (5 - (6 \times (7 - 8 \times 9)))) &= (((9 + 8 \times 7) \times 6) + 5) \times (4! + (3!! - 2)) + 1 \\
 293092 &:= -1 \times (2 - ((3!! \times (4! + 5)) + (6 \times (7! + 8! + 9)))) &= 9 + (((8 - 7!) + ((6! - ((5 + 4!) \times 3!))^2)) - 1) \\
 293093 &:= 1 - (2 - ((3!! \times (4! + 5)) + (6 \times (7! + 8! + 9)))) &= (9 \times (8! - (7! - (6 - (5! \times 4!)))) + 3!! \times 2 - 1 \\
 293094 &:= ((1 + 2)!! + 3!!) - ((4! \times 5! - (6 - (7! - 8!))) \times 9) &= 9 + 8 - (7! - (((6! - ((5 + 4!) \times 3!))^2) + 1)) \\
 293095 &:= (1 + 2 \times 3!!) - ((4! \times 5! - (6 - (7! - 8!))) \times 9) &= (9 \times (8! - (7! - (6 - (5! \times 4!)))) + (3!! \times 2 + 1) \\
 293096 &:= 1 \times (2 + ((3!! \times (4! + 5)) + (6 \times (7! + 8! + 9)))) &= (((9 + 8!) \times 7) - 6) + (((5!/4) \times 3!/2) - 1) \\
 293097 &:= 1 + (2 + ((3!! \times (4! + 5)) + (6 \times (7! + 8! + 9)))) &= (((9 + 8!) \times 7) + (6! - (5 - (((4 + 3)!) \times 2)))) - 1 \\
 293098 &:= (1 + ((2 \times ((3! \times 4^5) - 6!)) + 7 \times 8!)) + 9 &= (((9 + 8!) \times 7) - 6) + (((5!/4) \times 3!/2) + 1) \\
 293099 &:= ((1 + (2 \times ((3 + 4)!!)) - (5 - 6!)) + (7 \times (8! + 9))) &= (9 \times ((8! + 7) - 6^5)) + (4 \times (3!^2 - 1)) \\
 293100 &:= ((1 + 2)! + (3!! \times (4! + 5))) + (6 \times (7! + 8! + 9)) &= ((9 + 8!) \times 7) - ((6 - ((5!/4) \times 3!))/2 \times 1) \\
 293101 &:= (1 + (2 \times ((3!! \times 4! + 5) \times 6))) + (7! \times (8 + 9)) &= ((9 + 8!) \times 7) - (((6 - ((5!/4) \times 3!))/2) - 1) \\
 293102 &:= ((1 - 2) + (3 \times (4! + 5 \times 6!))) + (7 \times 8! - 9) &= (9 \times (8 \times 7! - (6^5 - 4!))) - (3^2 + 1) \\
 293103 &:= 1 - (2 \times (3! - (((4! + 5) \times (6 + 7! + 8)) - 9))) &= ((9 \times (8 \times 7! - (6^5 - 4!))) - (3! + 2)) - 1 \\
 293104 &:= (1 - ((2 + 3!) \times (4! - 5!))) - (6! - (7 \times (8! + 9))) &= (9 \times ((8! + 7) - (6^5 + 4!))) + (3!/2 + 1) \\
 293105 &:= 1 - (2 \times ((3! \times ((4 - (5 \times 6!)) \times 7)) + 8!/9)) &= ((9 \times (8 \times 7! - (6^5 - 4!))) - (3! + 2)) + 1 \\
 293106 &:= (1 + ((2 + (3^4 \times 5)) \times 6!)) + ((7 \times 8) + 9) &= (9 + ((8! + 7!) \times 6)) + (((5 + 4!) \times (3!! + 2)) - 1) \\
 293107 &:= 1 \times (((2 + 3!!) \times (4! + 5)) + ((6 \times (7! + 8!)) + 9)) &= (9 \times ((8! + 7) - 6^5)) + (4 \times (3!^2 + 1)) \\
 293108 &:= (1 + (((2 + 3!!) \times (4! + 5)) + (6 \times (7! + 8!)))) + 9 &= (((9 + 8!) \times 7) + 6) + (((5!/4) \times 3!/2) - 1) \\
 293109 &:= 1 - (2 \times (3 - (((4! + 5) \times (6 + 7! + 8)) - 9))) &= (9 \times (8! - 7!)) - (((6 \times 5) + 4) \times (3!! - 2)) - 1) \\
 293110 &:= 1 \times (((2 + (3^4 \times 5)) \times 6!) + (7!/(8 \times 9))) &= (((9 + 8!) \times 7) + 6) + (((5!/4) \times 3!/2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 293111 &:= 1 - (2 - (3 \times (4! \times ((5! \times (6 \times 7 - 8)) - 9)))) &= (9 \times (8 \times 7! - 6^5)) + ((4! \times (3^2)) - 1) \\
 293112 &:= 1 - ((2 \times (3! - ((4! + 5) \times (6 + 7! + 8)))) + 9) &= (9 \times (8 + 7!)) - (6! \times ((5 + ((4! - 3!)/2)) - 1)) \\
 293113 &:= (1 - ((2 \times 3!)^4)) - ((5! - (6^7/8)) \times 9) &= (9 \times (8 \times 7! - 6^5)) + ((4! \times (3^2)) + 1) \\
 293114 &:= 1 - (2 - ((3 \times (4 + 5 \times 6!)) + (7 \times (8! + 9)))) &= (9 \times (8 + (7! \times 6))) + (((5 + 4!) \times 3!) + 2 \times 1) \\
 293115 &:= ((1 + 2) + (3!! \times (4! + 5))) + ((6 \times 7! + 8) \times 9) &= ((9 \times (8 \times 7! - (6^5 - 4!))) + (3! - 2)) - 1 \\
 293116 &:= (((1 + (2 + 3!)) \times 4) + (5! \times 6!)) + ((7! + 8) \times 9) &= ((9 \times (8 \times 7! - (6^5 - 4!))) + (3! - 2)) \times 1 \\
 293117 &:= 1 \times (2 + ((3 \times (4 + 5 \times 6!)) + (7 \times (8! + 9)))) &= (9 + 8! \times 7) + ((6! + (5! - 4)) \times (3! \times 2 + 1)) \\
 293118 &:= 1 - ((2 \times (3 - ((4! + 5) \times (6 + 7! + 8)))) + 9) &= ((9 \times ((8! + 7) - (6^5 - (4! - 3!)))) - 2) - 1 \\
 293119 &:= 1 + (2 \times ((3 - 4!) \times (5 - ((6! + 7 \times 8) \times 9)))) &= ((9 \times ((8! + 7) - (6^5 - (4! - 3!)))) - 2) \times 1 \\
 293120 &:= 1 - (2 - ((3 \times (4! + 5 \times 6!)) + (7 \times 8! + 9))) &= ((9 + 8!) \times 7) + (((6! - (5! - 4!))/3!)^2 + 1) \\
 293121 &:= 1 - (2^{3!} \times (((4 \times 5 - 6!)/7) - 8!/9)) &= 9 - (8 \times ((7! - 6!) - ((5 \times 4^{3!} \times 2) - 1))) \\
 293122 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times 6!)) - (7!/8 + 9) &= (9 \times (8 \times 7! - (6^5 - 4!))) + 3^2 + 1 \\
 293123 &:= (1 \times 2 + (3 \times (4! + 5 \times 6!))) + (7 \times 8! + 9) &= (9 \times (8 \times 7! - (6^5 - 4!))) + ((3! \times 2) - 1) \\
 293124 &:= (1 + 2)! \times (((3!! + 4) \times 5) - ((6 - (7! - 8)) \times 9)) &= (9 \times (8! - 7!)) - (6 + (((5 + 4!)^3) + (2 - 1))) \\
 293125 &:= (12 \times 3!! \times 4!) + ((5 + (6! \times 7)) \times (8 + 9)) &= (9 + 8! \times 7) + (((6! + 5) \times ((4! + 3!)/2)) + 1) \\
 293126 &:= 1 \times (2 \times (3! + (((4! + 5) \times (6 + 7! + 8)) - 9))) &= ((9 \times (8! - 7!) - 6) - (((5 + 4!)^3) - 2)) - 1 \\
 293127 &:= 1 + (2 \times (3! + (((4! + 5) \times (6 + 7! + 8)) - 9))) &= ((9 \times (8! - 7!) - 6) - (((5 + 4!)^3) - 2)) \times 1 \\
 293128 &:= 1 \times (2 \times ((3! \times (4 - 5 \times (6 - 7!))) - 8!/9)) &= ((9 \times (8! - 7!) - 6) - (((5 + 4!)^3) - 2)) + 1 \\
 293129 &:= 1 \times ((2 \times (3 + ((4! + 5) \times (6 + 7! + 8)))) - 9) &= (9 \times (8! - (((7! \times 6) + 5!)/4))) - (3!! \times 2 + 1) \\
 293130 &:= (1 + (2 \times (3 + ((4! + 5) \times (6 + 7! + 8)))) - 9) &= 9 - ((8 \times ((7! - 6!) - (5 \times 4^{3!} \times 2))) - 1) \\
 293131 &:= (1 + ((2 + 3^4) \times (5 \times 6!))) - ((7!/8) \times 9) &= (9 \times (8! - (((7! \times 6) + 5!)/4))) - (3!! \times 2 - 1) \\
 293132 &:= 1 \times 2 \times (((3! \times 4! + 5) \times (6! - 7)) + 8! + 9) &= (9 + 8! - ((7 - 6!) \times (5 + 4! \times 3!))) \times 2 \times 1 \\
 293133 &:= 1 \times 2 + ((3!! \times 4! + (5 - (6 \times 7))) \times (8 + 9)) &= 9 - (8 - ((7!/6!) \times ((5! - 4) \times (3!!/2 + 1)))) \\
 293134 &:= (1 + ((2 + 3!!) \times (4 + (5 + 6)))) + (7 \times (8! + 9)) &= 9 + (((8! \times 7) - (6! + 5!)/4) \times ((3! - 2)! + 1)) \\
 293135 &:= 1 \times ((2 \times (3! + ((4! + 5) \times (6 + 7! + 8)))) - 9) &= (9 \times (8 \times 7! - (6^5 - 4!))) + ((3! - 2)! - 1) \\
 293136 &:= (1 + (2 \times (3! + ((4! + 5) \times (6 + 7! + 8)))) - 9) &= (9 \times (8! - 7!)) + (6 - (((5 + 4!)^3) + (2 - 1))) \\
 293137 &:= (1 - 2 \times 3!!) - (4! \times ((5 - 6! - 7) \times (8 + 9))) &= 9 - (8 \times ((7! - 6!) - ((5 \times 4^{3!} \times 2) + 1))) \\
 293138 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times 6!)) - (7 \times 89) &= (9 \times ((8! + 7) - (6^5 - 4!))) - (3!^2 + 1) \\
 293139 &:= (1 - 2 \times 3!) \times (((4! - 5) \times 6!) - (7! \times 8 + 9)) &= (((9 + 8!) \times 7) + 6) + ((5!/4) \times (3!!/2 + 1)) \\
 293140 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times 6!)) - (7!/8 - 9) &= (9 \times ((8! + 7) - (6^5 - 4!))) - (3!^2 - 1) \\
 293141 &:= 1 - (2 \times (((3! + 4!) \times (5 - 6! \times 7)) + 8!/9)) &= (9 \times (8 + (7! \times 6))) + ((5 + 4!) \times (3!! + (2 - 1))) \\
 293142 &:= (((1 + 2)! + 3!!) \times (4! + 5)) + ((6 \times 7! - 8) \times 9) &= (9 \times (8 + 7!)) + ((6! - (5!/4)) \times (3!!/2 - 1)) \\
 293143 &:= 1 - (2 \times (((3 - 4!) \times (5!/6 + 7!)) - 8! + 9)) &= ((9 + 8) \times (7! + 6)) + (((5! + 4!) \times 3!! \times 2) + 1) \\
 293144 &:= (((1 + 2)^{3!})/4!) + ((5 \times (6 + 7)) \times (8!/9)) &= ((9 + ((8 + 7! + 6) \times (5 + 4!))) - 3) \times 2 \times 1 \\
 293145 &:= 1 - (2 \times (3 - (((4! + 5) \times (6 + 7! + 8)) + 9))) &= (9 \times ((8! - 7) - 6^5)) + (4! \times (3! \times 2 + 1)) \\
 293146 &:= (1 + ((2 + 3!!) \times (4! + 5))) \times ((6 + 7) - 8 + 9) &= (9 + (((8 + 7! + 6) \times (5 + 4!)) + 3) \times 2) - 1 \\
 293147 &:= 1 \times ((2 \times (3 + ((4! + 5) \times (6 + 7! + 8)))) + 9) &= (9 + (((8 + 7! + 6) \times (5 + 4!)) + 3) \times 2) \times 1 \\
 293148 &:= (1 + (2 \times (3 + ((4! + 5) \times (6 + 7! + 8)))) + 9) &= (9 + (((8 + 7! + 6) \times (5 + 4!)) + 3) \times 2) + 1 \\
 293149 &:= ((1 + 2 \times 3!) \times (4 + (5! + 6!))) + (7 \times (8! - 9)) &= (9 \times (8 \times 7! - (6^5 - 4!))) + 3!^2 + 1
 \end{aligned}$$

$$\begin{aligned}
 293150 &:= 1 - (2 - (((3 + 4) \times ((5! \times (6 + 7)) + 8!)) - 9)) &= (9 \times ((8! + 7) - (6^5 - 4!))) - ((3! - 2)! + 1) \\
 293151 &:= ((1 - (2 \times (3 - 4!))) \times (5! + (6! + 7!))) + (8! - 9) &= ((9 + (8! + 7!)) \times 6) + (((5 + 4!) \times (3!! + 2)) - 1) \\
 293152 &:= 1 \times (((2 + 3!!) \times (4! + 5)) + (6 \times (7! + 8! + 9))) &= 9 + (((((8 + 7! + 6) \times (5 + 4!)) + 3!) \times 2) - 1) \\
 293153 &:= (1 + ((2 + 3!!) \times (4! + 5))) + (6 \times (7! + 8! + 9)) &= ((9 + (8! + 7!)) \times 6) + (((5 + 4!) \times (3!! + 2)) + 1) \\
 293154 &:= (1 + (2 \times (3! + ((4! + 5) \times (6 + 7! + 8)))) + 9 &= 9 - 8 - (7 + ((6! + 5!) \times (((4! - 3!!)/2) - 1))) \\
 293155 &:= -1 + (2 \times (3 + (((4! + 5) \times (6 + 7! + 8)) + 9))) &= ((9 + (((8 + 7! + 6) \times (5 + 4!)) + 3)) \times 2) - 1 \\
 293156 &:= 1 \times (2 \times (3 + (((4! + 5) \times (6 + 7! + 8)) + 9))) &= ((9 + (((8 + 7! + 6) \times (5 + 4!)) + 3)) \times 2) \times 1 \\
 293157 &:= 1 + (2 \times (3 + (((4! + 5) \times (6 + 7! + 8)) + 9))) &= ((9 + (((8 + 7! + 6) \times (5 + 4!)) + 3)) \times 2) + 1 \\
 293158 &:= 1 - (((2^{3!} \times 4! \times 5) + (67 - 8!)) \times 9) &= (9 \times ((8! - 7) - (6^5 + 4))) + (3!!/2 + 1) \\
 293159 &:= 1 \times (((2 + (3^4 \times 5)) \times 6!) + (7 \times (8 + 9))) &= ((9 + 8!/7!) \times ((6! - 5) \times 4!)) + 3!! \times 2 - 1 \\
 293160 &:= ((1 + 2)!! + 3!!) + (4! \times (5 + ((6! + 7!/8) \times 9))) &= ((9 \times (8! - 7!)) + 6!) + (5 \times (4! - ((3! + (2 - 1))))!) \\
 293161 &:= 1 + 2 \times 3!! + (4! \times (5 + ((6! + 7!/8) \times 9))) &= ((9 + 8!/7!) \times ((6! - 5) \times 4!)) + (3!! \times 2 + 1) \\
 293162 &:= 1 \times (2 \times (3! + (((4! + 5) \times (6 + 7! + 8)) + 9))) &= (((((9 + 8!/7!) \times 6!) + 5) \times 4!) - (3!! - 2)) \times 1 \\
 293163 &:= 1 + (2 \times (3! + (((4! + 5) \times (6 + 7! + 8)) + 9))) &= ((9 \times (8 \times 7! - (6^5 - (4! + 3!)))) - 2) - 1 \\
 293164 &:= (12 \times (3!! + (4 + 5))) + (6^7 + 8!/9) &= ((9 \times (8 \times 7! - (6^5 - (4! + 3!)))) - 2) \times 1 \\
 293165 &:= 1 - (2 + (((3!^4 - 5) \times 6) - 7! \times 8) \times 9) &= (9 \times ((8! + 7) - (6^5 - 4!))) - (3^2 + 1) \\
 293166 &:= ((1 + 2)!^{3+4}) + ((5! + (6! + 7!/8)) \times 9) &= (9 \times 8 \times 7) + (6 \times (((5 + 4!)^3) \times 2) - 1) \\
 293167 &:= 1 + (((2 + 3!!) \times 45) + (6 + 78)) \times 9 &= ((9 \times (8 \times 7! - (6^5 - (4! + 3!)))) + 2) - 1 \\
 293168 &:= 1 \times (2 - (((3!^4 - 5) \times 6) - 7! \times 8) \times 9) &= ((9 \times (8 \times 7! - (6^5 - (4! + 3!)))) + 2) \times 1 \\
 293169 &:= 1 + (2 - (((3!^4 - 5) \times 6) - 7! \times 8) \times 9) &= ((9 \times (8 \times 7! - (6^5 - (4! + 3!)))) + 2) + 1 \\
 293170 &:= 1 - ((2 \times (((3 - 4!) \times (5!/6 + 7!)) - 8!)) - 9) &= ((9 \times ((8! - 7) - 6^5)) - 4!) + (3!!/2 + 1) \\
 293171 &:= (1 + ((2 + 3!!) \times (4! + 5))) + ((6 \times 7! + 8) \times 9) &= (9 \times (8 + (7! \times 6))) + (((5 + 4!) \times (3!! + 2)) + 1) \\
 293172 &:= (1 + 2)! - (((3!^4 - 5) \times 6) - 7! \times 8) \times 9 &= ((9 \times ((8! + 7) - (6^5 - (4 \times 3!)))) - 2) - 1 \\
 293173 &:= -1 \times (2 - ((3 \times (4! + 5 \times 6!)) + (7 \times (8! + 9)))) &= ((9 \times ((8! + 7) - (6^5 - (4 \times 3!)))) - 2) \times 1 \\
 293174 &:= 1 - (2 - ((3 \times (4! + 5 \times 6!)) + (7 \times (8! + 9)))) &= (9 \times ((8! + 7) - 6^5)) + ((4! \times (3^2)) - 1) \\
 293175 &:= ((1 + 2) + (3 \times 4!)) \times (5! + (((6 \times 7!/8) + 9)) &= 9 - (8 - (7 \times (6 + ((5! - 4) \times (3!!/2 + 1)))))) \\
 293176 &:= (((1 + 2 \times 3!) \times 4^5) + 6^7) - 8 \times 9 &= (9 \times ((8! + 7) - 6^5)) + ((4! \times (3^2)) + 1) \\
 293177 &:= 1 \times (2 + ((3 \times (4! + 5 \times 6!)) + (7 \times (8! + 9)))) &= ((9 + 8!) \times 7) + (((6! \times 5 + 4!) \times 3) + 2 \times 1) \\
 293178 &:= 1 + (2 + ((3 \times (4! + 5 \times 6!)) + (7 \times (8! + 9)))) &= ((9 \times ((8! + 7) - (6^5 - 4!))) + (3! - 2)) - 1 \\
 293179 &:= 1 - (2 \times (((3 - 4!) \times (5!/6 + 7!)) - 8! - 9)) &= ((9 + 8!) \times 7) + (((6! + 5) \times ((4! + 3!)/2)) + 1) \\
 293180 &:= (((1 + 2)!^{3!})/4) + (5 - (6! - (7 \times 8!))) - 9 &= (9 \times ((8! - 7) - 6^5)) - (((4! - 3!!)/2) + 1) \\
 293181 &:= (((1 + 2) + 3!!) \times (4! + 5)) + (6 \times (7! + 8! + 9)) &= (9 \times ((8! - 7) - 6^5)) - ((4! - 3!!)/2 \times 1) \\
 293182 &:= (-1 + (((23 \times 4!) - 5) \times (67 \times 8))) - 9 &= (9 \times ((8! - 7) - 6^5)) - (((4! - 3!!)/2) - 1) \\
 293183 &:= 1 - (2 - (3 \times ((4^5 - 6) \times (7 + 89)))) &= (9 \times (8! - 7!) - (6! \times 5)) - (((4! \times 3!)^2) + 1) \\
 293184 &:= (((1 + 2)!^3) \times (4 - 5!)) + (6! - ((7! - 8!) \times 9)) &= (9 \times (8! - 7!) - (6! \times 5)) - ((4! \times 3!)^2 \times 1) \\
 293185 &:= (1 - (((2 \times 3!)^4) + 5 \times 6!)) - ((7! - 8!) \times 9) &= 9 + (((8! + 7) - (6^5 - 4!)) \times (3^2)) + 1) \\
 293186 &:= 1 \times 2 - (3! \times (4! - (5 \times 6! + ((7! - 8) \times 9)))) &= ((9 \times ((8! + 7) - (6^5 - 4!))) + (3! \times 2)) - 1 \\
 293187 &:= (1 + 2) - (3! \times (4! - (5 \times 6! + ((7! - 8) \times 9)))) &= ((9 \times ((8! + 7) - (6^5 - 4!))) + (3! \times 2)) \times 1 \\
 293188 &:= (((1 + 2)!^{3!})/4) - (5 + 6! - (7 \times 8!)) + 9 &= (9 \times ((8! - 7) - 6^5)) - (4 - 3!!/2) - 1
 \end{aligned}$$

$$\begin{aligned}
 293189 &:= -1 + (T(2 \times T(T(3))) + T(T(T(4)))) \times T(T(5)) + 6 + 7 + 8 + 9 = ((9 \times ((8! - 7) - 6^5)) - (4 - 3!/2)) \times 1 \\
 293190 &:= (1 + 2)! - 3! \times (4! - 5 \times 6! - (7! - 8) \times 9) = ((9 \times ((8! - 7) - 6^5)) - (4 - 3!/2)) + 1 \\
 293191 &:= 1 \times (((2 \times ((3!/4) + 5^6)) + 7!) \times 8) - 9 = 9 + (8 + (7 \times (6 + ((5! - 4) \times (3!/2 + 1)))) \\
 293192 &:= (1 + (((2 \times ((3!/4) + 5^6)) + 7!) \times 8)) - 9 = (9 \times ((8! - 7) - (6^{5/4!}))) + (3!/2 - 1) \\
 293193 &:= (((1 + 2)!) \times 3^4) / 5 - (6! - (7 \times 8! + 9)) = (9 \times ((8! - 7) - (6^{5/4!}))) + (3!/2 \times 1) \\
 293194 &:= 1 - (((2 - 3!) \times (4! \times (5! - 6))) - (7 \times 8! + 9)) = ((9 \times ((8! - 7) - 6^5)) + ((4 + 3!)/2)) - 1 \\
 293195 &:= ((1 - 2^{3!}) \times ((45 - 6!) \times 7)) - 8! / 9 = ((9 \times ((8! - 7) - 6^5)) + ((4 + 3!)/2)) \times 1 \\
 293196 &:= (1 + 2)! \times (3!^4 - (5 \times (6 - (7! + 8!/9)))) = ((9 \times ((8! - 7) - 6^5)) + 4) + (3!/2 - 1) \\
 293197 &:= -1 - (2 \times ((34 \times ((5! \times 6) - (7! - 8))) + 9)) = ((9 \times ((8! - 7) - 6^5)) + (4 + 3!/2)) \times 1 \\
 293198 &:= (((1 + 2)!^{3!}) / 4) + (5 - (6! - (7 \times 8!))) + 9 = ((9 \times ((8! - 7) - 6^5)) + (4 + 3!/2)) + 1 \\
 293199 &:= (((1 + 2) + 3!) \times (4! + 5)) + ((6 \times 7! + 8) \times 9) = ((9 \times ((8! + 7) - (6^5 - (4! + 3)))) - 2) - 1 \\
 293200 &:= 1 \times (((2 \times 3! \times 4!) + 5!) \times 6!) - (7! - 8!/9) = ((9 \times ((8! + 7) - (6^5 - (4! + 3)))) - 2) \times 1 \\
 293201 &:= ((1 + (((2 \times 3! \times 4!) + 5!) \times 6!)) - 7!) + 8! / 9 = ((9 \times ((8! + 7) - (6^5 - (4! + 3)))) - 2) + 1 \\
 293202 &:= (1 + 2)! \times (((3 + (4 + 5)) \times (6! - 7)) + 8! - 9) = (9 \times (8! - 7!)) - ((6 + 5!) \times ((4! \times (3! + 2)) + 1)) \\
 293203 &:= (((1 + 2 \times 3!) \times (4 + (5! + 6!))) + 7 \times 8!) - 9 = ((9 \times ((8! + 7) - (6^5 - (4! + 3)))) + 2) - 1 \\
 293204 &:= (-1 + (23 \times ((4 \times 5!) - 6))) + (7 \times (8! + 9)) = ((9 \times ((8! + 7) - (6^5 - (4! + 3)))) + 2) \times 1 \\
 293205 &:= (((1 + 2)! + 3!) \times (4! + 5)) + (6 \times (7! + 8!)) - 9 = ((9 \times ((8! + 7) - (6^5 - (4! + 3)))) + 2) + 1 \\
 293206 &:= (1 + (23 \times ((4 \times 5!) - 6))) + (7 \times (8! + 9)) = ((9 \times ((8! - 7) - 6^5)) + ((4! + 3!)/2)) + 1 \\
 293207 &:= -1 - (2 - ((34 \times (5 - 6!)) - ((7! - 8!) \times 9))) = (9 \times ((8 + 7!) \times 6)) - (5! - (((4! \times 3!)^2) - 1)) \\
 293208 &:= 1 \times (((2 \times 3!)^4) - (5! - (6 \times ((7! + 8) \times 9)))) = (9 + 8! \times 7) + ((6! + ((5 \times 4^{3!})/2)) - 1) \\
 293209 &:= 1 \times (((2 \times ((3!/4) + 5^6)) + 7!) \times 8) + 9 = (9 \times ((8 + 7!) \times 6)) - (5! - (((4! \times 3!)^2) + 1)) \\
 293210 &:= (1 + (((2 \times ((3!/4) + 5^6)) + 7!) \times 8)) + 9 = (9 \times (8! - 7!)) - ((6! - 5) \times (4! + (3^2 + 1))) \\
 293211 &:= (1 + 2)!! - ((3 - ((4 \times 5!) - 6)) \times (7!/8 - 9)) = 9 + 8! - (7! - ((6 + 5!) \times (4^{3!}/2 - 1))) \\
 293212 &:= 1 - (((2 + ((3!^4) - 5) \times 6)) - (7 + 8!)) \times 9 = (9 \times ((8! + 7) - (6^5 - 4!))) + 3!^2 + 1 \\
 293213 &:= 1 + ((2 + (34 \times (5 - 6!))) - ((7! - 8!) \times 9)) = ((9 \times (8 \times 7! - 6^5)) - 4) + 321 \\
 293214 &:= (((1 + 2 \times 3!) \times 4! + 5) \times 6) + (7! \times (8 + 9)) = (9 + 8! \times 7) + (6! + (5 \times (4^{3!}/2 + 1))) \\
 293215 &:= 1 - (2 - ((3! + (4^5 + 6!)) \times (7 \times (8 + 9)))) = ((9 \times ((8! + 7) - 6^5)) + (4^{3! - 2})) \times 1 \\
 293216 &:= (1 - 2 \times 3!) \times (((4! - 5) \times 6!) - (7 + 8! + 9)) = 9 - (8 + ((7!/6 + 5) \times (((4! - 3!)/2) + 1))) \\
 293217 &:= (1 \times 2 \times (((3 + 4)!) + 5!)) + (6! + (7 \times (8! - 9))) = ((9 \times ((8! - 7) - 6^5)) + 4!) + (3!/2 \times 1) \\
 293218 &:= (1 + (2 \times (((3 + 4)!) + 5!))) + (6! + (7 \times (8! - 9))) = ((9 \times ((8! - 7) - 6^5)) + 4!) + (3!/2 + 1) \\
 293219 &:= 1 + (2 + ((3! + (4^5 + 6!)) \times (7 \times (8 + 9)))) = (9 \times (8 \times 7! - 6^5)) + (((4! - 3!)^2) - 1) \\
 293220 &:= 1 \times 2 \times (((3! \times ((4! + 5) \times 6!)) + 7!)/8) \times 9 = (9 \times (8 \times 7! - 6^5)) + ((4! - 3!)^2 \times 1) \\
 293221 &:= 1 + 2 \times 3! + (((4 \times (5 - 6!)) - (7! - 8!)) \times 9) = (9 \times (8 \times 7! - (6^5 + 4))) + (3!/2 + 1) \\
 293222 &:= 1 - (2 - ((3 + 4) \times ((5! \times (6 + 7)) + 8! + 9))) = (((9 + 8!) \times 7) + (6! + 5!)) + (((4 + 3)!) \times 2) - 1 \\
 293223 &:= (((1 + 2)! + 3!) \times (4! + 5)) + (6 \times (7! + 8!)) + 9 = (((9 + 8!) \times 7) - 6!) + (5! \times ((4 \times (3! - 2)!) + 1)) \\
 293224 &:= (1 + ((2 \times ((3 + 4)!) + (5! + 6!))) + (7 \times (8! + 9))) = 9 + (((8! \times 7)/6!) \times ((5!/4) + (3! - 2))) - 1 \\
 293225 &:= 1 \times (2 + ((3 + 4) \times ((5! \times (6 + 7)) + 8! + 9))) = (9 + (8 \times (7!/6 + 5^4))) \times ((3! - 2)! + 1) \\
 293226 &:= 1 + (2 + ((3 + 4) \times ((5! \times (6 + 7)) + 8! + 9))) = ((9 + 8) + (7^6)) + (5! \times (4! + (3! \times 2 - 1)))
 \end{aligned}$$

$$\begin{aligned}
 293227 &:= (12 \times 3!! \times 4!) + ((5 + 6 + 7!) \times (8 + 9)) &= ((9 + 8) + (7! + (6! \times (5!/4)))) \times ((3! \times 2) - 1) \\
 293228 &:= 12 + ((3!! + (4^5 + 6!)) \times (7 \times (8 + 9))) &= (9 \times ((8! - 7) - (6^5 - 4))) + (3!!/2 - 1) \\
 293229 &:= (((1 + 2)^{3!}) \times (4! + 5)) + ((6 \times 7! - 8) \times 9) &= (9 \times ((8! - 7) - (6^5 - 4))) + (3!!/2 \times 1) \\
 293230 &:= ((12 \times 34) + 5) \times (6! + (7 - (8 + 9))) &= (9 \times ((8! - 7) - (6^5 - 4))) + (3!!/2 + 1) \\
 293231 &:= (((1 + 2 \times 3!) \times 4^5) + 6^7) - (8 + 9) &= ((9 \times (8 \times 7! - 6^5)) - 4!) + (3!!/2 - 1) \\
 293232 &:= (((1 + 2)^{3+4}) \times 5) - 6) + (7 \times (8! + 9)) &= ((9 \times 8) - 7!) - ((6! + 5!) \times (4 - (3!!/2 - 1))) \\
 293233 &:= 1 \times (((2 - (3! - 4! \times 5!)) \times 6) - 7) \times (8 + 9)) &= ((9 \times (8 \times 7! - 6^5)) - 4!) + (3!!/2 + 1) \\
 293234 &:= 1 + (((2 - (3! - 4! \times 5!)) \times 6) - 7) \times (8 + 9)) &= ((-9 - 8) \times (7 - ((6! - (5 - 4)) \times (3! - 2!)))) + 1 \\
 293235 &:= (1 + ((2 \times (3 + 4!)) + 5) \times (6 + 7!)) - 8!/9 &= (9 + ((8 \times 7! - 6!)/5!)) \times ((4! \times (3!^2)) + 1) \\
 293236 &:= -1 \times (2 - (3! + ((4! - (5 \times 6!)) \times (7 - 89)))) &= -9 + (8! - 7 - (6 + 5!)^{\sqrt{4}}) \times 3! \times 2 + 1 \\
 293237 &:= ((1 + 23 \times 4!) \times (5!/6)) + (7 \times (8! - 9)) &= -98 + (7 + ((6!/5 + (4!^3)) \times 21)) \\
 293238 &:= ((1 + 2)! - 3 \times 4!) \times ((5 \times 6 + 7) - 8!/9) &= (9 + 8! + (((7! + (6^5)) \times 4)/3!)) \times (2 + 1)! \\
 293239 &:= 1 - (((2 + 3! \times 4!) \times (5! - 67)) - 8!) \times 9) &= ((9 \times 8) + 7) - ((6! + 5!) \times (((4! - 3!)/2) - 1)) \\
 293240 &:= 1 \times (2 + (3! + ((4! - (5 \times 6!)) \times (7 - 89)))) &= ((-9 + 8!) \times 7) - ((6 \times (5 - (43^2))) + 1) \\
 293241 &:= (((1 + 2)^{3!})/4 + 5!) - (6! - (7 \times (8! - 9))) &= (9 + 8! \times 7) + ((6! \times 5 + 4^3) \times (2 + 1)) \\
 293242 &:= (((1 + 2)^{3!})/4 - 5) - (6! - (7 \times (8! + 9))) &= (((-9 + 8!) \times 7) - (6 \times (5 - (43^2)))) + 1 \\
 293243 &:= 1 - (2 \times ((34 \times (5 + 6! - 7!)) + 89)) &= (9 \times (8 \times 7! - 6^5)) - (((4! - 3!)/2) + 1) \\
 293244 &:= 1 - (2 - ((3^4 \times (5 \times (6! - 7))) + 8!/9)) &= (9 \times (8 \times 7! - 6^5)) - ((4! - 3!)/2 \times 1) \\
 293245 &:= 1 + 2 \times 3! + ((4! - (5 \times 6!)) \times (7 - 89)) &= (9 \times (8 \times 7! - 6^5)) - (((4! - 3!)/2) - 1) \\
 293246 &:= -1 - (((2 - 3!) \times (4! \times (5! - 6))) - (7 \times (8! + 9))) &= (9 \times ((8! + 7) - 6^5)) + ((4! \times 3! \times 2) - 1) \\
 293247 &:= (1 \times 2 + (3^4 \times (5 \times (6! - 7)))) + 8!/9 &= (9 \times ((8! + 7) - 6^5)) + (4! \times (3! + (2 + 1)!)) \\
 293248 &:= 1 - (((2 - 3!) \times (4! \times (5! - 6))) - (7 \times (8! + 9))) &= (9 \times ((8! + 7) - 6^5)) + ((4! \times 3! \times 2) + 1) \\
 293249 &:= 1 + (2^{3!} \times (4! + (5! - (6 \times 7 - 8!/9)))) &= 9 + (8! \times 7 + ((6 + 5) \times ((4 + 3!)^{2+1})) \\
 293250 &:= ((1 + 2)!! + (3! + 4 + 5!)) \times ((6 \times 7 \times 8) + 9) &= ((9 + 8!/7!) \times (6! + (5!/4))) \times ((3! - 2!) - 1) \\
 293251 &:= ((1 + 2)! + (3^4 \times (5 \times (6! - 7)))) + 8!/9 &= ((9 \times (8 \times 7! - 6^5)) - 4) + (3!!/2 - 1) \\
 293252 &:= (((1 + 2)^{3!})/4 + (5 - 6!)) + (7 \times (8! + 9)) &= ((9 \times (8 \times 7! - 6^5)) - 4) + (3!!/2 \times 1) \\
 293253 &:= (1 + 2) \times (((3!! \times 4! - (5!/6 + 7!)) \times 8) - 9) &= ((9 \times (8 \times 7! - 6^5)) - 4) + (3!!/2 + 1) \\
 293254 &:= (-1 + 23) + ((4! - (5 \times 6!)) \times (7 - 89)) &= (9 \times (8 \times 7! - 6^5)) - ((4 - 3!)/2 \times 1) \\
 293255 &:= 1 - (2 - ((3!! + ((4 \times (5! + 6!)) - 7)) \times 8 \times 9)) &= (9 \times (8! - (7! - ((6 - 5!) \times 4)))) + (3!!/2 - 1) \\
 293256 &:= (((1 + 2)!! + 3!^4) \times 5!) + ((6! - 7) \times 8 \times 9) &= (9 \times (8! - (7! - ((6 - 5!) \times 4)))) + (3!!/2 \times 1) \\
 293257 &:= (1 + (2 \times 3!! \times 4!)) + ((5 \times 6! - 7) \times 8 \times 9) &= (9 \times (((8!/7 + 6!) \times 5) + 4!)) + (3!! \times 2 + 1) \\
 293258 &:= 1 \times (2 + ((3!! + ((4 \times (5! + 6!)) - 7)) \times 8 \times 9)) &= ((9 + 8!) \times 7) + (6! + (5 \times (4^{3!}/2 - 1))) \\
 293259 &:= 1 + (2 + ((3!! + ((4 \times (5! + 6!)) - 7)) \times 8 \times 9)) &= ((9 \times (8 \times 7! - 6^5)) + 4) + (3!!/2 - 1) \\
 293260 &:= T(T(-1 + 2 + 3)) \times (T(4 + T(T(5)) - T(6)) - 7 - 8 - 9) &= ((9 \times (8 \times 7! - 6^5)) + (4 + 3!!/2)) \times 1 \\
 293261 &:= (1 + 2)! \times (3! + \sqrt{4})! + 5 + (6! - 7) \times 8 \times 9 &= ((9 \times (8 \times 7! - 6^5)) + (4 + 3!!/2)) + 1 \\
 293262 &:= (1 + 2)! + ((3!! + ((4 \times (5! + 6!)) - 7)) \times 8 \times 9) &= ((9 + 8!) \times 7) + ((6! + ((5 \times 4^{3!})/2)) - 1) \\
 293263 &:= (-12 \times (3!! + (4 + 5 \times (6 - 7)))) - 89 &= (((9 + 8!) \times 7) + 6!) + ((5 \times 4^{3!})/2) \times 1 \\
 293264 &:= 1 \times ((2 - 3!) \times (4 + (5! + ((6! - 7!) \times (8 + 9)))) &= ((9 + 8!) \times 7) + (6! + (((5 \times 4^{3!})/2) + 1))
 \end{aligned}$$

$$\begin{aligned}
 293265 &:= (((1 + 2 \times 3!) \times 4^5) + 6^7) + (8 + 9) &= (9 \times ((8! + 7!/6)/5!)) \times ((4 \times (3! - 2)!) - 1) \\
 293266 &:= (1 + ((2^{3!} + 4!) \times (5! + 6))) + (7 \times (8! - 9)) &= 9 - (8 - ((7^6) + ((5! - 4^3)^{2+1}))) \\
 293267 &:= -1 + (2 \times (3!! - (((4! + 5) \times (6 - 7!)) + 8 \times 9))) &= 9 + (((8! \times 7) - 6) + ((5 \times (4! - 3))^2)) - 1) \\
 293268 &:= 1 \times (2 \times (3!! - (((4! + 5) \times (6 - 7!)) + 8 \times 9))) &= ((9 + 8!) \times 7) + (6! + (5 \times (4^{3!}/2 + 1))) \\
 293269 &:= 1 + (2 \times (3!! - (((4! + 5) \times (6 - 7!)) + 8 \times 9))) &= 9 + (((8! \times 7) - 6) + (((5 \times (4! - 3))^2) + 1)) \\
 293270 &:= 1 + (2 + (((3! \times (4! \times 5! - 6)) + 7) \times (8 + 9))) &= (((9 + 8) \times (7! - 6!)) - 5!) \times 4 - (3^2 + 1) \\
 293271 &:= (((1 + 2) \times 3!! - 4) \times 5!) - 6! - (7! - 8! + 9) &= (9 \times ((8! + 7) - 6^5)) + (4! \times (3! \times 2 + 1)) \\
 293272 &:= (1 + (2 \times (((3 + 4)!) + 5!))) + (6! + 7 \times 8! - 9) &= (((9 + 8) \times (7! - 6!)) - 5!) \times 4 - (3! + 2 \times 1) \\
 293273 &:= 1 - (2 + (3! + (4 \times (5! + ((6! - 7!) \times (8 + 9)))))) &= (9 \times ((8! - 7) - 6^5)) + (((4! - 3)^2) - 1) \\
 293274 &:= 1 \times (((2 \times (3!! - 4!) + 5^6) - (7 \times 8)) \times 9) &= 9 \times 8 + (7 \times (6 - (5! \times ((4! - 3!)/2) - 1))) \\
 293275 &:= ((1 + 2 \times 3!) \times (4 + (5! + 6!))) + (7 \times (8! + 9)) &= (9 \times ((8! - 7) - 6^5)) + (((4! - 3)^2) + 1) \\
 293276 &:= 1 \times (2 - (3! + (4 \times (5! + ((6! - 7!) \times (8 + 9)))))) &= (((9 + 8) \times (7! - 6!)) - 5!) \times 4 - 3 - (2 - 1) \\
 293277 &:= (1 + 2) \times (((3!! \times 4 - 5) \times (6 \times 7 - 8)) + 9) &= (((9 + 8) \times (7! - 6!)) - 5!) \times 4 - 3 \times (2 - 1) \\
 293278 &:= 1 \times (2 \times (3!! + (((4! + 5) \times (6! \times 7 - 8)) - 9))) &= (9 + 8) \times (7 + (6! - 5) \times 4!) + 3!! \times 2 - 1 \\
 293279 &:= 1 + (2 \times (3!! + (((4! + 5) \times (6! \times 7 - 8)) - 9))) &= (9 + 8! \times 7) + ((6 + ((5 \times (4! - 3))^2)) - 1) \\
 293280 &:= 1 - (((2 + 3!) \times (4! + ((5 \times (6! + 7)) - 8!))) + 9) &= (9 \times 8 \times (7! - 6!)) - ((5! \times 4) \times (3!^2 + 1)) \\
 293281 &:= (1 + (2 + 3!))! + (4 \times (5! \times ((67 \times 8) - 9))) &= (9 + 8! \times 7) + (6 + (((5 \times (4! - 3))^2) + 1)) \\
 293282 &:= 1 - ((2 - 3) + (4 \times (5! + ((6! - 7!) \times (8 + 9)))) &= (9 \times (((8 + 7!) \times 6) - 5)) + (((4! \times 3!)^2) - 1) \\
 293283 &:= (((1 + 2)!)! \times (3! + 4!)) - ((5 - (6 \times (7! - 8))) \times 9) &= ((9 + 8! \times 7) - 6) + (5! \times (4 \times ((3! - 2)! - 1))) \\
 293284 &:= (1 + ((2 \times 3!)^4)) - ((5 - (6 \times (7! + 8))) \times 9) &= (9 \times (((8 + 7!) \times 6) - 5)) + (((4! \times 3!)^2) + 1) \\
 293285 &:= 1 - ((2 + (3! + (4 \times (5 + 6! - 7!)))) \times (8 + 9)) &= (((9 + 8) \times (7! - 6!)) - 5!) \times 4 + ((3 + 2) \times 1) \\
 293286 &:= (((1 + 2)!) + 3!!) \times (4! + 5) + ((6 \times 7! + 8) \times 9) &= (9 + 8) \times (7! + 6) + ((5! + 4!) \times (3!! \times 2 + 1)) \\
 293287 &:= 1 \times ((2 \times (3!! + ((4! + 5) \times (6! \times 7 - 8)))) - 9) &= 9 \times 8 - ((7!/6 + 5) \times (((4! - 3!)/2) + 1)) \\
 293288 &:= (1 + (2 \times (3!! + ((4! + 5) \times (6! \times 7 - 8)))) - 9 &= (9 - (8!/7)) - (((6! + 5!) \times (4 - 3!/2)) + 1) \\
 293289 &:= (((1 + 2) \times 3!! - 4) \times 5!) - 6! - (7! - 8! - 9) &= (9 - (8!/7)) - ((6! + 5!) \times (4 - (3!/2 \times 1))) \\
 293290 &:= (1 + (2 \times (((3 + 4)!) + 5!))) + (6! + (7 \times 8! + 9)) &= 9 - (8!/7 + (((6! + 5!) \times (4 - 3!/2)) - 1)) \\
 293291 &:= (((1 + 23 \times 4!) \times (5!/6)) + 7 \times 8!) - 9 &= (9 \times (8 \times 7! - (6^5 - 4))) + (3!/2 - 1) \\
 293292 &:= (1 + 2)! \times (((3!! \times 4!)/5) - (6 - ((7! + 8) \times 9))) &= (9 \times (8 \times 7! - (6^5 - 4))) + (3!/2 \times 1) \\
 293293 &:= 1 + 2 \times 3! - (4 \times (5! + ((6! - 7!) \times (8 + 9)))) &= (9 \times (8 \times 7! - (6^5 - 4))) + (3!/2 + 1) \\
 293294 &:= -12 + ((3! - (4 - 56)) \times (7! + 8 + 9)) &= ((9 \times ((8! + 7) - 6^5)) - 4!) + (3!/2 - 1) \\
 293295 &:= (((1 + 2)!^{3!}/4) + 5!) - (6! - (7 \times 8! - 9)) &= (9 + 8! \times 7 + 6) + (5! \times (4 \times ((3! - 2)! - 1))) \\
 293296 &:= (((1 + 2)!^{3!} + 4! \times 5!) \times 6) + ((7! - 8!)/9) &= ((9 \times ((8! + 7) - 6^5)) - 4!) + (3!/2 + 1) \\
 293297 &:= 1 \times (((2 + 3!)! - (4! + (5 \times (6! + 7)))) \times 8) + 9 &= ((9 - ((8 - (7! - 6!/5)) \times (4! + 3!))) \times 2) - 1 \\
 293298 &:= 1 + (((2 + 3!)! - (4! + (5 \times (6! + 7)))) \times 8) + 9 &= ((9 - ((8 - (7! - 6!/5)) \times (4! + 3!))) \times 2) \times 1 \\
 293299 &:= (((-12 + 3!) \times (4! - 5)) + 6^7) - 89 &= ((9 - ((8 - (7! - 6!/5)) \times (4! + 3!))) \times 2) + 1 \\
 293300 &:= 1 - (2 - ((3 + 456) \times (7!/8 + 9))) &= ((9 + 8! - (7! \times 6)) \times (5 + 4!)) + (3!! - (2 - 1)) \\
 293301 &:= (((1 + 2)^3) + 4!) \times ((5! \times (6!/(7 + 8))) - 9) &= ((9 + 8) \times ((7! - (6! + 5)) \times 4)) - (((3 + 2)!) - 1) \\
 293302 &:= (-1 + 23) - (4 \times (5! + ((6! - 7!) \times (8 + 9)))) &= ((9 + 8! - (7! \times 6)) \times (5 + 4!)) + (3!! + (2 - 1)) \\
 293303 &:= 1 - (2 + (3! \times (4 - (5 \times 6! + ((7! - 8) \times 9)))) &= ((9 + 8! - (7! \times 6)) \times (5 + 4!)) + (3!! + 2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 293304 &:= ((1 + 2) \times (3!! \times 4! - 5!)) - (6 \times (7 - 8! + 9)) &= 9 - (((((8 - (7 \times 6!)) \times (5 + 4!)) - 3!!) \times 2) + 1) \\
 293305 &:= 1 \times ((23^4) + ((5! + 67) \times 8 \times 9)) &= (((((9 + 8) \times (7! - 6!)) - 5!) \times 4) + ((3! - 2)! + 1) \\
 293306 &:= (1 + (2 \times (3!! + ((4! + 5) \times (6! \times 7 - 8)))) + 9 &= (9 \times ((8! + 7) - 6^5)) - (((4! - 3!!)/2) + 1) \\
 293307 &:= 1 \times ((2 \times (3! \times ((4! + 5) \times (6! + 7)))) + 8! - 9) &= (9 \times ((8! + 7) - 6^5)) - ((4! - 3!!)/2 \times 1) \\
 293308 &:= 1 + ((2 \times (3! \times ((4! + 5) \times (6! + 7)))) + 8! - 9) &= (9 \times ((8! + 7) - 6^5)) - (((4! - 3!!)/2) - 1) \\
 293309 &:= 1 \times (2 - ((3 \times ((4 - 5!) \times (6! + 7))) - 8! + 9)) &= (9 \times ((8! - 7) - 6^5)) + (4 \times (((3 + 2))! - 1)) \\
 293310 &:= 1 + (2 - ((3 \times ((4 - 5!) \times (6! + 7))) - 8! + 9)) &= (9 + ((8! + 7!) \times 6)) + ((5 + 4!) \times (3^{(2+1)!})) \\
 293311 &:= 1 - ((2 + ((3 - 45) \times (6! + 7 \times 8))) \times 9) &= (9 \times (8! - (7! + (6! \times 5)))) + ((4^{3!} \times 2) - 1) \\
 293312 &:= 1 - (2 - (3 \times ((4 \times (5^6)) - (7! - 8! + 9)))) &= (9 \times (8! - (7! + (6! \times 5)))) + (4^{3!} \times 2 \times 1) \\
 293313 &:= ((1 \times 2^{3!}) \times ((4! + 5) \times 6)) + (7 \times (8! - 9)) &= (9 \times (8! - (7! + (6! \times 5)))) + ((4^{3!} \times 2) + 1) \\
 293314 &:= (1 + (2^{3!} \times ((4! + 5) \times 6))) + (7 \times (8! - 9)) &= ((9 \times ((8! + 7) - 6^5)) - (4 - 3!!/2)) - 1 \\
 293315 &:= 1 \times (2 + (3 \times ((4 \times (5^6)) - (7! - 8! + 9)))) &= ((9 \times ((8! + 7) - 6^5)) - (4 - 3!!/2)) \times 1 \\
 293316 &:= 1 + (2 + (3 \times ((4 \times (5^6)) - (7! - 8! + 9)))) &= ((9 \times ((8! + 7) - 6^5)) - (4 - 3!!/2)) + 1 \\
 293317 &:= 1 - (2 + ((3! + (4 \times (5 + 6! - 7!))) \times (8 + 9))) &= ((9 \times ((8! + 7) - 6^5)) - ((4 - 3!!)/2)) \times 1 \\
 293318 &:= 1 \times (2 \times (((3 \times (4! \times 5!)) - (6 + 7)) \times (8 + 9))) &= (9 \times ((8! + 7) - (6^{5!/4!}))) + (3!!/2 - 1) \\
 293319 &:= (1 + 2 \times 3!! - 4!) \times (((5!/6 + 7) \times 8) - 9) &= ((9 - (8 \times (7 \times 6))) + 5!) \times (4! - (3!! \times 2 + 1)) \\
 293320 &:= (1 + (((2^{3!} + 4!) \times (5! + 6)) + 7 \times 8!)) - 9 &= ((9 \times ((8! + 7) - 6^5)) + ((4 + 3!!)/2)) - 1 \\
 293321 &:= (1 - ((2 + 3!) \times ((4 \times (5! - 6!)) - 7))) + 8!/9 &= ((9 + 8!) \times 7) - (6 - (((5 \times (4! - 3))^2) - 1)) \\
 293322 &:= (1 + 2) \times ((3 + (4 \times (5^6))) - (7! - 8! + 9)) &= (9 \times ((8 + 7!) \times 6)) - (5 - (((4! \times 3!)^2) - 1)) \\
 293323 &:= (((1 + 2)!) \times (3! + 4!)) - 5 + (6 \times ((7! - 8) \times 9)) &= ((9 + 8!) \times 7) - (6 - (((5 \times (4! - 3))^2) + 1)) \\
 293324 &:= ((1 + ((2 \times 3!)^4)) - 5) + (6 \times ((7! + 8) \times 9)) &= (9 \times ((8 + 7!) \times 6)) - (5 - (((4! \times 3!)^2) + 1)) \\
 293325 &:= 1 \times ((2 \times (3! \times ((4! + 5) \times (6! + 7)))) + 8! + 9) &= (((((9 + 8) \times (7! - (6! + 5))) - 4!) \times (3! - 2)) + 1) \\
 293326 &:= 1 + ((2 \times (3! \times ((4! + 5) \times (6! + 7)))) + 8! + 9) &= (9 + (8! + (((7 + 6!) \times ((5! - 4) \times 3)) + 2))) - 1 \\
 293327 &:= 1 \times (2 - ((3 \times ((4 - 5!) \times (6! + 7))) - 8! - 9)) &= (9 + (8! + (((7 + 6!) \times ((5! - 4) \times 3)) + 2))) \times 1 \\
 293328 &:= 1 + (2 - ((3 \times ((4 - 5!) \times (6! + 7))) - 8! - 9)) &= (9 + (8! + (((7 + 6!) \times ((5! - 4) \times 3)) + 2))) + 1 \\
 293329 &:= (1 + (2 + 3!)) - (((4^5 + 6!) \times 7) - 8!) \times 9 &= (9 \times ((8 + 7!) \times 6)) + (((5! + (4 \times 3!))^2) + 1) \\
 293330 &:= 1 - (2 - ((3 \times ((4 \times (5^6)) - (7! - 8!))) - 9)) &= 9 + (8! - (7 \times (6! - (((5! + 4!) \times 3)^2) - 1))) \\
 293331 &:= ((1 + 2) - (3!!/4 \times 5!)) + ((6^7/8) \times 9) &= ((9 \times ((8! + 7) - 6^5)) + ((4! + 3!!)/2)) \times 1 \\
 293332 &:= (1 + ((23 + 4!) \times 5!)) \times ((6 \times 78)/9) &= (9 \times ((8 + 7!) \times 6)) + ((5 + ((4! \times 3!)^2)) - 1) \\
 293333 &:= 1 \times ((2 + (3 \times ((4 \times (5^6)) - (7! - 8!)))) - 9) &= ((9 + 8!) \times 7) + ((6 + ((5 \times (4! - 3))^2)) - 1) \\
 293334 &:= (1 + (((2 \times 3!)^4) + 5)) + (6 \times ((7! + 8) \times 9)) &= (9 \times ((8 + 7!) \times 6)) + (5 + (((4! \times 3!)^2) + 1)) \\
 293335 &:= (1 - (2 + 3!)) \times ((4 \times (5! - 6!)) + (7 - 8 \times 9)) &= ((9 + 8!) \times 7) + (6 + (((5 \times (4! - 3))^2) + 1)) \\
 293336 &:= ((1 + 2)!! + 3!! \times 4!) - (5! - (6^7 - 8!/9)) &= (9 \times (8 \times 7! - 6^5)) + (((4! - 3!)^2) - 1) \\
 293337 &:= ((1 + 2)! + (3 \times ((4 \times (5^6)) - (7! - 8!)))) - 9 &= (9 + 8! + (((7 - (6! \times 5)) + 4^{3!})^2)) - 1 \\
 293338 &:= (1 + (((2^{3!} + 4!) \times (5! + 6)) + 7 \times 8!)) + 9 &= (9 \times (8 \times 7! - 6^5)) + (((4! - 3!)^2) + 1) \\
 293339 &:= ((1 + 2) \times (((3! + 4)^5) - 6! - 7)) - 8!/9 &= 9 + (8! + (((7 - (6! \times 5)) + 4^{3!})^2) + 1) \\
 293340 &:= ((1 + 2^{3!}) \times (4 + 5! - 6! + 7!)) + 8!/9 &= ((9 \times ((8! - 7) - (6^5 + 4!))) + 3!! + 2) + 1 \\
 293341 &:= (1 + (2 \times (3!! - ((4! + 5) \times (6 - 7)))) - 8 \times 9 &= (9 \times (8! - 7!)) - (((65 \times (4! + 3!!))/2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 293342 &:= -1 \times (2 + (((3!! + 4^5) - 6! \times 7) \times 89)) &= ((9 \times ((8! + 7) - 6^5)) + 4!) + (3!!/2 - 1) \\
 293343 &:= (((1 + 2) \times (3! - ((4 - 5!) \times (6! + 7)))) + 8!) + 9 &= ((9 \times ((8! + 7) - 6^5)) + 4!) + (3!!/2 \times 1) \\
 293344 &:= (1 + (2 \times (((3 + 4)!) + 5!)) + (6! + (7 \times (8! + 9)))) &= 9 + 8! - (7 \times (6! - (((5! + 4!) \times 3)^2) + 1)) \\
 293345 &:= (1 + 2^{3!}) \times ((4 \times 5 + (6 + 7)) + 8!/9) &= (9 + 8 \times 7) \times ((6 \times ((5!/4) + 3!! + 2)) + 1) \\
 293346 &:= ((1 + 2) \times (3!! \times 4! - 5!)) + (6 \times (7! \times 8 - 9)) &= (9 \times ((8! - 7) - (6^5 + 4!))) + (3^{(2+1)!}) \\
 293347 &:= 12 - (((3 - 4! \times 5!) \times 6) + 7) \times (8 + 9) &= 9 + 8! - 7 - ((6! + 5) \times (((4! - 3!!)/2) - 1)) \\
 293348 &:= 1 - (2 - ((3 \times ((4 \times (5^6) - (7! - 8!))) + 9)) &= (98 \times 7) + (6 \times (((5 + 4!)^3) \times 2) - 1)) \\
 293349 &:= ((1 + 2) \times (3!! \times 4! - 5!)) - ((6 \times (7 - 8!)) + 9) &= (((9 + 8!) \times 7) + 6) + (5! \times (4 \times ((3! - 2!) - 1))) \\
 293350 &:= (1 + (((23 \times 4) \times 5!) + 6)) + (7 \times (8! + 9)) &= (((9 + 8) \times (7 + 6!)) - (5^4)) \times ((3! - 2!) + 1) \\
 293351 &:= 1 \times (2 + ((3 \times ((4 \times (5^6) - (7! - 8!))) + 9)) &= (9 \times 8 \times (7! - (6! + 5))) - ((4! \times (3!! + 2)) + 1) \\
 293352 &:= 1 + (2 + ((3 \times ((4 \times (5^6) - (7! - 8!))) + 9)) &= 9 \times 8 + ((7! + (6! - 5!)) \times (4 \times (3! \times 2 + 1))) \\
 293353 &:= (1 + (((2 + 3!)! + 4^5) \times 6)) + ((7! - 8) \times 9) &= (9 \times 8 \times (7! - (6! + 5))) - ((4! \times (3!! + 2)) - 1) \\
 293354 &:= 1 - (2 - ((3 - (4 \times 5!)) \times (6 - (7!/8 - 9)))) &= (9 \times ((8! + 7) - (6^5 - 4))) + (3!!/2 - 1) \\
 293355 &:= ((1 - 2 \times (3!! - 4)) \times 5) \times (6 - ((7 \times 8) - 9)) &= (9 \times ((8! + 7) - (6^5 - 4))) + (3!!/2 \times 1) \\
 293356 &:= 1 \times 2 \times (((3!!/4 \times 5! - 6) \times 7) - 8!/9) &= (9 \times ((8! + 7) - (6^5 - 4))) + (3!!/2 + 1) \\
 293357 &:= 1 \times (2 + ((3 - (4 \times 5!)) \times (6 - (7!/8 - 9)))) &= ((9 + 8) \times ((7! - (6! + 5)) \times 4)) - (3 \times 21) \\
 293358 &:= 1 + (2 + ((3 - (4 \times 5!)) \times (6 - (7!/8 - 9)))) &= (9 - 87) \times (((6 - 5!) \times (4! + 3^2)) + 1) \\
 293359 &:= 12 + (3 - ((4^5 + 6! - 7!) \times 89)) &= ((9 + 8! - (((7 + 6!) \times 5) + 4!)) \times (3! + 2)) - 1 \\
 293360 &:= 1 \times ((2 \times ((3^4 + 5!) \times 6!)) - ((7! - 8!)/9)) &= ((9 + 8! - (((7 + 6!) \times 5) + 4!)) \times (3! + 2)) \times 1 \\
 293361 &:= (1 + (2 \times ((3^4 + 5!) \times 6!))) - ((7! - 8!)/9) &= (9 + (8! + 7)) - ((6! + 5) \times (((4! - 3!!)/2) - 1)) \\
 293362 &:= (1 + (23^4)) + (((5! \times 6!) - (7! - 8!))/9) &= (9 - (((8 - (7! + 6!)) \times (54 - 3)) - 2)) - 1 \\
 293363 &:= ((1 + 23 \times 4!) \times (5!/6)) + (7 \times (8! + 9)) &= ((9 + 8) \times ((7 - 6 \times 5) + 4! \times 3!)) - (2 + 1)! \\
 293364 &:= (1 + 2)! \times (((3!! \times 4!)/5) + (6 + ((7! + 8) \times 9))) &= (9 \times ((8 + 7!) + (6 \times ((5^4) \times 3)))) \times 2 \times 1 \\
 293365 &:= 1 + ((2 \times 3! + (4 \times (5! + 6!))) \times (78 + 9)) &= ((-9 + 8!) - 7) + ((6! + (5 - 4!)) \times (3!!/2 + 1)) \\
 293366 &:= 1 - (2 - (3 \times ((4 \times (5^6) - (7! - 8! - 9)))) &= ((9 + 8) \times ((7 - 6 \times 5) + 4! \times 3!)) - (2 + 1) \\
 293367 &:= ((1 \times 2^{3!}) \times ((4! + 5) \times 6)) + (7 \times 8! - 9) &= ((9 + 8) \times ((7 - 6 \times 5) + 4! \times 3!)) - 2 \times 1 \\
 293368 &:= 1 \times (2 \times ((3! \times (4! - 5 \times (6 - 7!))) - 8!/9)) &= ((9 + 8!) \times 7) - ((6 \times (5 - (43^2))) - 1) \\
 293369 &:= 1 + (2 \times ((3! \times (4! - 5 \times (6 - 7!))) - 8!/9)) &= 9 + (((8! + 7!) \times 6) + ((5 \times 4^{3!}) + (2 + 1)!)) \\
 293370 &:= (1 - (((2 - (3!! - 4!)) \times 5) - 6!)) \times (7!/(8 \times 9)) &= (9 \times (8! - 7!)) - ((6! - (5!/4)) \times (3!^2 - 1)) \\
 293371 &:= 1 \times 2 - ((3 + (4 \times (5 + 6! - 7!))) \times (8 + 9)) &= ((9 + 8) \times ((7 - 6 \times 5) + 4! \times 3!)) + (2 \times 1) \\
 293372 &:= 1 - (2 + (3 \times ((4! \times (5 - (6! + 7!))) + 8! + 9))) &= 9 + 8! + ((7! + (((6 + 5!) \times 4) - 3!^2)) - 1) \\
 293373 &:= 1 \times (((2 \times 3!)^4) + ((5 + (6 \times (7! + 8))) \times 9)) &= 9 + 8! + (7! + (((6 + 5!) \times 4) - 3!^2 \times 1)) \\
 293374 &:= (1 + ((2 \times 3!)^4)) + ((5 + (6 \times (7! + 8))) \times 9) &= 9 + 8! + (7! + (((6 + 5!) \times 4) - 3!^2) + 1) \\
 293375 &:= 1 \times (2 - (3 \times ((4! \times (5 - (6! + 7!))) + 8! + 9))) &= (((9 + 8) \times (7 + 6!)) - 5!) \times 4! - (3!!/2 + 1) \\
 293376 &:= 1 + (2 - (3 \times ((4! \times (5 - (6! + 7!))) + 8! + 9))) &= (9 \times 8 \times (7! - (6! + 5))) - (4! \times (3!! + (2 - 1))) \\
 293377 &:= 1 - (2^{3!} \times (456 + (7! \times (8 - 9)))) &= 9 + (8 \times (((7! + ((6 - 5!) \times 4)) \times (3! + 2)) - 1)) \\
 293378 &:= 1 \times (2 \times (3!! - (((4! + 5) \times (6 - 7!)) + 8 + 9))) &= (((9 + 8) \times ((7! - 6! + 5) \times 4)) - 3!!) - 2 \times 1 \\
 293379 &:= (1 + 2)! - (3 \times ((4! \times (5 - (6! + 7!))) + 8! + 9)) &= (((9 + 8) \times (7! - 6!)) - 5) \times 4 - (3!!/2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 293380 &:= 1 \times (2 \times (((3! + 4!) \times ((5 - 6) + 7!)) - 8!/9)) &= (9 + (8! \times 7 + 6!)) + ((5 + 4!) \times (3!/2 - 1)) \\
 293381 &:= 1 + (2 \times (((3! + 4!) \times ((5 - 6) + 7!)) - 8!/9)) &= ((9 - (8 - 7)))! + ((6! + (5 - 4!)) \times (3!/2 + 1)) \\
 293382 &:= (1 \times 2 + ((3!! + 4) \times 5)) \times ((6 \times (7 + 8)) - 9) &= (((9 + 8) \times ((7! - 6! + 5) \times 4)) - 3!!) + (2 \times 1) \\
 293383 &:= ((1 + 2) - 3!!) + (4 \times ((5 - 6! + 7!) \times (8 + 9))) &= 9 + 8! - 7 + ((6! + (5 - 4!)) \times (3!/2 + 1)) \\
 293384 &:= ((1 + 2) \times 3!! + 4!) + ((5 \times (6 + 7)) \times (8!/9)) &= 9 + ((8 \times ((7! + ((6 - 5!) \times 4)) \times (3! + 2))) - 1) \\
 293385 &:= 1 \times ((2^{3!} \times ((4! + 5) \times 6)) + (7 \times 8! + 9)) &= (9 \times ((8! - 7) - 6^5)) + (4! \times ((3! - 2)! - 1)) \\
 293386 &:= (1 + (2^{3!} \times ((4! + 5) \times 6))) + (7 \times 8! + 9) &= 9 + ((8 \times ((7! + ((6 - 5!) \times 4)) \times (3! + 2))) + 1) \\
 293387 &:= 1 \times ((2 \times (3!! - (((4! + 5) \times (6 - 7!)) + 8))) - 9) &= ((9 + 8) \times (((7! - (6! + 5)) \times (4!/3!)) - 2)) + 1 \\
 293388 &:= 1 + ((2 \times (3!! - (((4! + 5) \times (6 - 7!)) + 8))) - 9) &= (9 + 8! - 7!) - (((6! + 5) \times (4 - 3!!/2)) + 1) \\
 293389 &:= 1 + ((23 \times 4) \times ((5 \times (6 + 7!/8)) + 9)) &= (9 + 8! - 7!) - ((6! + 5) \times (4 - (3!!/2 \times 1))) \\
 293390 &:= 1 - (2 + ((3 \times ((4! \times (5 - (6! + 7!))) + 8!)) + 9)) &= (9 + 8! - 7!) - (((6! + 5) \times (4 - 3!!/2)) - 1) \\
 293391 &:= ((1 + (2^{3!} + 4!)) \times (5! + 6)) + (7 \times (8! - 9)) &= (((((9 + 8) \times (7! + 6!)) - (5! + 4)) \times 3) + 2) + 1 \\
 293392 &:= (1 + ((2^{3!} + 4!) \times (5! + 6))) + (7 \times (8! + 9)) &= ((9 + (8! + ((7 - 6!) \times 5))) \times (4!/3)) - ((2 + 1)!) \\
 293393 &:= 1 \times (2 - ((3 \times ((4! \times (5 - (6! + 7!))) + 8!)) + 9)) &= (((9 - (8 - 7))^{6}) + (((5!/4!)^{3!}) \times 2)) - 1 \\
 293394 &:= 1 + (2 - ((3 \times ((4! \times (5 - (6! + 7!))) + 8!)) + 9)) &= 9 + (((8 - (7 \times (6 - 5!))) \times (4 + 3!!/2)) + 1) \\
 293395 &:= 1 \times ((2 \times (3!! - ((4! + 5) \times (6 - 7!)))) - (8 + 9)) &= (((9 - (8 - 7))^{6}) + (((5!/4!)^{3!}) \times 2)) + 1 \\
 293396 &:= (1 + (2 \times (3!! - ((4! + 5) \times (6 - 7!)))) - (8 + 9) &= (((9 + 8!) \times 7) + ((6!/5!) \times (43^2))) - 1 \\
 293397 &:= (1 + 2)!! - (3 - (4! \times ((5 + (6! + 7!/8)) \times 9))) &= (9 + (8! + 7)) + ((6! + (5 - 4!)) \times (3!!/2 + 1)) \\
 293398 &:= 1 \times (2 \times (3 - (4! - (((5 \times 6) \times 7!) - 8!/9))) &= (9 \times (8 \times 7! - (6^5 + 4!))) + (3!! - (2 \times 1)) \\
 293399 &:= 1 + (2 \times (3 - (4! - (((5 \times 6) \times 7!) - 8!/9))) &= (9 \times (8! - 7!)) + (((6! \times (5 - (4! \times 3)))/2) - 1) \\
 293400 &:= (1 + (2 \times 3^4)) \times (5! \times (6 - ((7 - 8) \times 9))) &= ((9 \times 8) + ((7^6) + (5! \times (4! + 3!! \times 2)))) - 1 \\
 293401 &:= (1 + (2 \times 3!! \times 4!)) + (5 \times ((6! + 7! - 8) \times 9)) &= (9 \times (8! - 7!)) + (((6! \times (5 - (4! \times 3)))/2) + 1) \\
 293402 &:= (1 \times 2 + 3!!) + (4! \times ((5 + (6! + 7!/8)) \times 9)) &= (9 + ((8!/7!)^6)) + (((5!/4!)^{3!}) \times 2) - 1 \\
 293403 &:= 1 - (2 \times (3 + (4 \times ((5 \times (6! + 7)) - 8! + 9)))) &= (9 + 8! \times 7) + (6 \times (((5 \times (4! + 3!!))/2) - 1)) \\
 293404 &:= 1 \times 2 \times (3! - (4! - (((5 \times 6) \times 7!) - 8!/9))) &= (9 + ((8!/7!)^6)) + (((5!/4!)^{3!}) \times 2) + 1 \\
 293405 &:= 1 \times ((2 + 3^4) \times (5 \times 6! + (7 - 8 \times 9))) &= (9 - ((8 - (((7! - 6) \times (5 + 4!)) + 3!!)) \times 2)) \times 1 \\
 293406 &:= (1 \times 2 - 3^4) \times (5! - (6 \times (7!/8 + 9))) &= (9 - (((8! - ((7! + (6! - 5)) \times 4!)) \times 3) + 2)) - 1 \\
 293407 &:= 1 \times ((23^4) + ((5! - 6) \times (7 \times (8 + 9)))) &= (9 - (((8! - ((7! + (6! - 5)) \times 4!)) \times 3) + 2)) \times 1 \\
 293408 &:= 1 - ((2 + (3 \times ((4! \times (5 - (6! + 7!))) + 8!))) - 9) &= (9 - (((8! - ((7! + (6! - 5)) \times 4!)) \times 3) + 2)) + 1 \\
 293409 &:= (1 - 2) \times ((3 \times ((4! \times (5 - (6! + 7!))) + 8!)) - 9) &= ((9 + 8! \times 7) - 6!) + (5! \times (((4 + 3!)^2) - 1)) \\
 293410 &:= (1 + 2^{3!}) \times ((4 + (5 \times 6)) + (7! \times 8/9)) &= 9 + 8! + (((((7 + (6 \times 5!)) - 4!) \times 3!!/2) + 1) \\
 293411 &:= ((1 \times 2 \times (3!! - ((4! + 5) \times (6 - 7!)))) + 8) - 9 &= (9 - ((8! - ((7! + (6! - 5)) \times 4!)) \times 3)) + (2 \times 1) \\
 293412 &:= (1 + ((2 \times (3!! - ((4! + 5) \times (6 - 7!)))) + 8)) - 9 &= ((9 - 8) + (((((7! - 6) \times (5 + 4!)) + 3!!) \times 2)) - 1) \\
 293413 &:= 1 \times ((2 \times (3!! - ((4! + 5) \times (6 - 7!)))) - 8 + 9) &= (9 \times ((8 + 7!) \times 6)) + (((5 + 4!) \times (3!! - 2)) - 1) \\
 293414 &:= (1 + (2 \times (3!! - ((4! + 5) \times (6 - 7!)))) - (8 - 9) &= 9 - (8 - (((((7! - 6) \times (5 + 4!)) + 3!!) \times 2) + 1)) \\
 293415 &:= (1 - ((2 - 3!!) \times (4! + 5))) + (6 \times ((7! + 8) \times 9)) &= (9 \times ((8 + 7!) \times 6)) + (((5 + 4!) \times (3!! - 2)) + 1) \\
 293416 &:= (1 + (((2 + 3!)! + 4^5) \times 6) + (7! + 8!)) - 9 &= 9 + (((8 + 7!/6) \times (((5! - 4) \times 3) - 2)) - 1) \\
 293417 &:= 1 - (2 \times ((3 \times 4) - (((5 \times 6) \times 7!) - 8!/9))) &= 9 - ((8 + 7!/6) \times (((5!/4) - 3!!)/2) - 1) \\
 293418 &:= (1 + 2)! \times ((3!! \times (4 + 5!)) - (((6 + 7!) \times 8) + 9)) &= 9 + (((8 + 7!/6) \times (((5! - 4) \times 3) - 2)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 293419 &:= 1 + (((2 + 3!) \times (4! + ((5 + 6) \times 7))) - 8!) \times 9 &= (((9 + 8) \times (7! - 6!)) + 5) \times 4 - (3!/2 + 1) \\
 293420 &:= 1 + ((2 - 3) - (4 \times ((5 + 6! - 7!) \times (8 + 9)))) &= ((9 + (8 \times (7 \times 6))) - 5) \times ((4! \times (3!^2)) - 1) \\
 293421 &:= (((1 + (2 + 3!)!) + 4^5) \times 6) + (7! + 8!) - 9 &= (((9 + 8) \times ((7! - (6! + 5)) \times (4!/3!))) + 2) - 1 \\
 293422 &:= (1 - 2) + (3 - (4 \times ((5 + 6! - 7!) \times (8 + 9)))) &= (((9 + 8) \times ((7! - (6! + 5)) \times (4!/3!))) + 2) \times 1 \\
 293423 &:= (1 + 2)! - (3 + (4 \times ((5 + 6! - 7!) \times (8 + 9)))) &= (9 \times (8^{(7-6) \times 5})) - (((4! + 3!) \times 2) + 1) \\
 293424 &:= ((1 + 2 \times 3!) \times 4!) + (5 \times ((6! + 7! - 8) \times 9)) &= (9 \times (8^{(7-6) \times 5})) - ((4! + 3!) \times 2 \times 1) \\
 293425 &:= 1 - (2 - (3! - (4 \times ((5 + 6! - 7!) \times (8 + 9)))) &= (9 \times (8^{(7-6) \times 5})) - (((4! + 3!) \times 2) - 1) \\
 293426 &:= 1 - (2 + (3 \times ((4! \times (5 - (6! + 7!))) + 8! - 9))) &= (((9 + 8!) \times 7) + 6!) + (((5! - (4! - 3!))^2) - 1) \\
 293427 &:= (1 + (((2 \times 3!)/4) - 5) \times (6! - 7)) + (8! - 9) &= (((9 + 8!) \times 7) + 6!) + ((5! - (4! - 3!))^2 \times 1) \\
 293428 &:= 1 \times ((2 + 3!) - (4 \times ((5 + 6! - 7!) \times (8 + 9)))) &= (((9 + 8!) \times 7) + 6!) + (((5! - (4! - 3!))^2) + 1) \\
 293429 &:= ((1 \times 2 \times 3! - ((4! + 5) \times (6 - 7!))) + 8) + 9 &= 9 + 8 + (((7! - 6) \times (5 + 4!)) + 3!) \times 2 \times 1) \\
 293430 &:= (1 + ((2 \times 3! - ((4! + 5) \times (6 - 7!))) + 8)) + 9 &= 9 + (8 + (((7! - 6) \times (5 + 4!)) + 3!) \times 2 + 1) \\
 293431 &:= 1 \times (((2 - 3 \times 4!) \times (5! + (6! - (7! - 8)))) - 9) &= (((9 + 8) \times ((7! - (6! + 5)) \times 4)) + (3! \times 2)) - 1 \\
 293432 &:= (1 + ((2 - 3 \times 4!) \times (5! + (6! - (7! - 8)))) - 9 &= (((9 + 8) \times ((7! - (6! + 5)) \times 4)) + (3! \times 2)) \times 1 \\
 293433 &:= 1 \times (((2 + 3!)! + 4^5) \times 6) + (7! + 8! + 9) &= (((9 \times ((8!/7) - 6)) - (5! \times 4!)) \times 3!) - 2) - 1 \\
 293434 &:= (1 + (((2 + 3!)! + 4^5) \times 6) + (7! + 8!)) + 9 &= (((9 \times ((8!/7) - 6)) - (5! \times 4!)) \times 3!) - 2) \times 1 \\
 293435 &:= (((12 + 3)^4 \times 5) + 6) - (7 - 8! + 9) &= (9 \times (8 + 7!)) + (((6 + 5!) \times 4) - 3!)^2 - 1) \\
 293436 &:= (1 + 2)! \times (((3! - 4!) \times 5) - (6 - ((7! + 8) \times 9))) &= 9 + (((8 + ((7! - 6) \times (5 + 4!)) + 3!) \times 2) - 1) \\
 293437 &:= 1 \times (((2 \times ((3 \times (4! \times 5!)) - 6)) - 7) \times (8 + 9)) &= (9 \times (8 + 7!)) + (((6 + 5!) \times 4) - 3!)^2 + 1) \\
 293438 &:= 1 \times 2 \times (((3 - 4) + ((5 \times 6) \times 7!)) - 8!/9) &= (((9 \times ((8!/7) - 6)) - (5! \times 4!)) \times 3!) + 2) \times 1 \\
 293439 &:= (((1 + (2 + 3!)!) + 4^5) \times 6) + (7! + 8!) + 9 &= (((9 \times ((8!/7) - 6)) - (5! \times 4!)) \times 3!) + 2) + 1 \\
 293440 &:= 1 - (((2 + 3!) \times ((4 + (5 \times (6! + 7))) - 8!)) + 9) &= (9 \times ((8! + 7) - 6^5)) + ((4 \times ((3 + 2)!)) + 1) \\
 293441 &:= 1 \times (((2^{3!+4}) \times (5 + 6)) + (7 \times (8! - 9))) &= 9 - (8 \times (((7 + 6!) \times 5) - ((4!/3!) - (2 + 1)!)) \\
 293442 &:= 1 \times (2 + ((3! - 4) \times (((5 \times 6) \times 7!) - 8!/9))) &= (((9 \times ((8!/7) - 6)) - (5! \times 4!)) \times 3!) + (2 + 1)! \\
 293443 &:= 1 + (2 + ((3! - 4) \times (((5 \times 6) \times 7!) - 8!/9))) &= 9 + 8! + (((7 - 6!) \times (5!/4! - 3!/2)) - 1) \\
 293444 &:= 1 \times (2 \times (3! - (4 - (((5 \times 6) \times 7!) - 8!/9)))) &= 9 + 8! - ((7 - 6!) \times (5 \times ((4! \times 3) - (2 - 1)))) \\
 293445 &:= ((1 + (2^{3!} + 4!)) \times (5! + 6)) + (7 \times 8! - 9) &= 9 + 8! + (((7 - 6!) \times (5!/4! - 3!/2)) + 1) \\
 293446 &:= (((1 + 2) \times 3! + 4!) \times 5! + 6) + (7 \times 8!/9) &= (((9 + 8) + ((7! - 6) \times (5 + 4!)) + 3!) \times 2) \times 1 \\
 293447 &:= 1 + (2 \times (3! - (((4! + 5) \times (6 - 7!)) - (8 + 9)))) &= (9 \times ((8 + 7!) \times 6)) + ((5! + ((4! \times 3!)^2)) - 1) \\
 293448 &:= 1 \times (((2 - 3!) \times 4!) - ((5 + 6! - 7!) \times 8 \times 9)) &= 9 - (((8 - (7! - (6! + 5!))) \times ((4! \times 3) - 2)) + 1) \\
 293449 &:= (1 - ((2 - (3!/4) \times 5!)) + ((6 \times 7! - 8) \times 9) &= (9 \times ((8 + 7!) \times 6)) + (5! + (((4! \times 3!)^2) + 1)) \\
 293450 &:= (1 + ((2 - 3 \times 4!) \times (5! + (6! - (7! - 8)))) + 9 &= 9 - (8 - ((7^6) + (5! \times (4! + (3! \times 2 + 1)))) \\
 293451 &:= 1 - (2 \times (3! + ((4 \times ((5 \times (6! + 7)) - 8!)) + 9))) &= (9 + ((8! + 7) \times 6)) - ((5! - (4! \times 3!)) \times (2 + 1)) \\
 293452 &:= ((1 + (2^{3!+4})) \times (5 + 6)) + (7 \times (8! - 9)) &= ((9 \times 87) + (6 \times (((5 + 4!)^3) \times 2))) + 1 \\
 293453 &:= (((12 + 3)^4 \times 5) + 6) - (7 - 8! - 9) &= ((9 + 8) \times ((7! - (6! + 5)) \times 4)) + (32 + 1) \\
 293454 &:= ((1 - (2 + 3!) \times 4!) \times (5! + 6)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - ((6 + 5!) \times ((4! \times (3! + 2)) - 1)) \\
 293455 &:= (((12 + 3)^4 \times 5) - 6) + (7 + 8! + 9) &= ((9 + 8) \times ((7! - (6! + 5)) \times 4)) + (3!^2 - 1) \\
 293456 &:= ((1 + 2)! + (((3! \times (4! \times 5!)) + 6^7) - 8!/9) &= 9 - ((8 \times (((7 + 6!) \times 5) + (4 - (3! + 2)!))) + 1) \\
 293457 &:= 1 - (2 \times (3 + ((4 \times ((5 \times (6! + 7)) - 8!)) + 9))) &= ((9 + 8!) \times 7) + (6 \times (((5 \times (4! + 3!))/2) - 1))
 \end{aligned}$$

$$\begin{aligned}
 293458 &:= (1 - ((2 + 3!) \times ((4 + (5 \times (6! + 7))) - 8!))) + 9 &= 9 + (((8! - (((7 + 6!) \times 5) + 4)) \times (3! + 2)) + 1) \\
 293459 &:= -12 + ((3 - (4 \times (5 + 6! - 7!))) \times (8 + 9)) &= 9 - ((87 \times ((6! + 5) - (4^{3!} + 2))) + 1) \\
 293460 &:= 1 - ((2 \times (3! + (4 \times ((5 \times (6! + 7)) - 8!)))) + 9 &= (((9 \times 8) + 7) + (6! + 5)) \times (4 + (3!!/2 + 1)) \\
 293461 &:= ((1 + 2)!! + 3!! \times 4!) + ((5 + 6^7) - 8!/9) &= (9 \times ((8! + 7) - (6^5 + 4!))) + (3!! - (2 \times 1)) \\
 293462 &:= 1 + (((2 \times 3!^4) + 5) \times (((6 + 7) \times 8) + 9)) &= (((9 + 8!) \times 7) + 6!) + (((5 + 4!) \times 3!!/2) - 1) \\
 293463 &:= ((1 + (2^{3!} + 4!)) \times (5! + 6)) + (7 \times 8! + 9) &= 9 + 8! - (7! - ((6 + 5!) \times (4^{3!}/2 + 1))) \\
 293464 &:= 1 - (((((2 - 3!!) \times 4) + 5^6) - (7! + 8!)) \times 9) &= (((9 + 8!) \times 7) + 6!) + (((5 + 4!) \times 3!!/2) + 1) \\
 293465 &:= 1 \times ((2 + ((3 \times 4)^5)) - (6! - (7! + 8! - 9))) &= (9 \times ((8! + 7) - (6^5 + 4!))) + (3!! + 2 \times 1) \\
 293466 &:= 1 + ((2 + ((3 \times 4)^5)) - (6! - (7! + 8! - 9))) &= (9 \times (((8!/7) - 6) \times 5)) + (4! \times (3!! \times 2 - 1)) \\
 293467 &:= (1 - ((2 - (3!!/4) \times 5!)) + (6 \times (7! + 8! - 9))) &= ((9 \times (8^{(7-6) \times 5})) - 4) - (3!! \times 2 + 1) \\
 293468 &:= 1 \times (2 \times (3 - ((4 \times ((5 \times (6! + 7)) - 8!)) + 9))) &= ((9 + 8!/7!) \times 6^5) + (4 \times ((3! + 2)! - 1)) \\
 293469 &:= 1 + (2 \times (3 - ((4 \times ((5 \times (6! + 7)) - 8!)) + 9))) &= ((9 \times (8^{(7-6) \times 5})) - 4) - (3!! \times 2 - 1) \\
 293470 &:= 1 \times (2 \times (3!! - ((4! + 5) \times (6 - (7! - 8 + 9)))))) &= (9 \times ((8 + 7!) \times 6)) + (((5 + 4!) \times 3!!) - (2 \times 1)) \\
 293471 &:= 1 + (2 \times (3!! - ((4! + 5) \times (6 - (7! - 8 + 9)))))) &= (9 \times (8! - 7!)) + (6! \times 5 - (4!^3 \times 2 + 1)) \\
 293472 &:= 1 - (((2 \times 3! - 4) \times ((5 \times (6! + 7)) - 8!)) + 9) &= 9 - ((8 \times (((7 + 6!) \times 5) - ((4!/3)! - 2))) + 1) \\
 293473 &:= (1 + (2 + 3!))! - (((4! - 5!) \times (6! - 7)) + 8!) \times 9 &= (9 \times (8! - 7!)) + (6! \times 5 - (4!^3 \times 2 - 1)) \\
 293474 &:= (1 \times 2 + (3!! \times (4! + 5))) + (6 \times ((7! + 8) \times 9)) &= 9 - ((8 \times (((7 + 6!) \times 5) - ((4!/3)! - 2))) - 1) \\
 293475 &:= ((1 + 2) + (3!! \times (4! + 5))) + (6 \times ((7! + 8) \times 9)) &= (9 + (((8! \times 7) - (6 \times 5!))/4!)) \times ((3! - 2)! + 1) \\
 293476 &:= (-1 \times 2) - ((3 - (4! - (5 \times 6!))) \times (7 - 89)) &= 9 + (((((8! - ((7 + 6!) \times 5)) \times 4) - 3!) \times 2) - 1) \\
 293477 &:= 1 \times ((2 \times (3 - (4 \times ((5 \times (6! + 7)) - 8!)))) - 9) &= 9 + (((8! - ((7 + 6!) \times 5)) \times 4) - 3!) \times 2 \times 1) \\
 293478 &:= 1 + ((2 \times (3 - (4 \times ((5 \times (6! + 7)) - 8!)))) - 9) &= (9 \times ((8 + 7!) \times 6)) + (((5 + 4!) \times 3!!) + (2 + 1)!) \\
 293479 &:= -1 + (2 - ((3 - (4! - (5 \times 6!))) \times (7 - 89))) &= ((9 \times (8^{(7-6) \times 5})) + ((4 - 3!!) \times 2)) - 1) \\
 293480 &:= (1 - 2 \times 3!) \times ((4! \times (5 - 6!)) - (7! + 8!/9)) &= ((9 \times (8^{(7-6) \times 5})) + ((4 - 3!!) \times 2)) \times 1) \\
 293481 &:= 1 - (((2 + 3) + 4!) \times (5! - (6! + (7! + 8!/9)))) &= ((9 \times (8^{(7-6) \times 5})) + ((4 - 3!!) \times 2)) + 1) \\
 293482 &:= (1 + 2)!! - (((3 + 4)!) - (5^6 + (7 \times (8! - 9)))) &= 9 + (((((8! - ((7 + 6!) \times 5)) \times 4) - 3) \times 2) - 1) \\
 293483 &:= (1 \times 2 \times (3! - (4 \times ((5 \times (6! + 7)) - 8!)))) - 9 &= ((9 \times 8) + (((7! - 6) \times (5 + 4!)) + 3!!) \times 2) - 1) \\
 293484 &:= 1 - ((2 \times (3 + (4 \times ((5 \times (6! + 7)) - 8!)))) - 9) &= ((9 \times 8) + (((7! - 6) \times (5 + 4!)) + 3!!) \times 2) \times 1) \\
 293485 &:= (1 + (2 \times (3!! - ((4! + 5) \times (6 - 7!)))))) + 8 \times 9 &= (((9 + ((8! - ((7 + 6!) \times 5)) \times 4) - 3!) \times 2) - 1) \\
 293486 &:= -1 \times (2 \times (3! + ((4 \times ((5 \times (6! + 7)) - 8!)) - 9))) &= (9 + 8! \times 7) + ((6 \times ((5^4) \times 3) - 2)) - 1) \\
 293487 &:= 1 - (2 \times (3! + ((4 \times ((5 \times (6! + 7)) - 8!)) - 9))) &= (((9 + ((8! - ((7 + 6!) \times 5)) \times 4) - 3!) \times 2) + 1) \\
 293488 &:= ((1 \times 2 \times (3!! + 4) - 5!) \times ((6 + 7) \times (8 + 9))) &= (9 + 8! \times 7) + ((6 \times ((5^4) \times 3) - 2)) + 1) \\
 293489 &:= 1 \times (((2 - (3! + 4)) \times ((5 \times (6! + 7)) - 8!)) + 9) &= (9 \times (((8!/7) - 6) \times 5)) + ((4! \times 3!! \times 2) - 1) \\
 293490 &:= (1 + ((2 - (3! + 4)) \times ((5 \times (6! + 7)) - 8!))) + 9 &= (((((9 + 8) \times (7! + (6! - 5))) - 4) \times 3) - 2) - 1) \\
 293491 &:= 1 - (((2 - (3!! - 4!)) \times (5 + 6 \times 7)) + 8) \times 9 &= ((9 \times (((8! + ((7 + 6!) \times 5!)/4) + 3!!)) + 2) - 1) \\
 293492 &:= 1 - (2 + (3 \times (4 + ((5 - (6! + 7!)) \times (8 + 9)))))) &= ((9 \times (((8! + ((7 + 6!) \times 5!)/4) + 3!!)) + 2) \times 1) \\
 293493 &:= (1 - 2) \times (3 \times (4 + ((5 - (6! + 7!)) \times (8 + 9)))) &= 9 - ((8 - (7! + ((6! + 5) \times 4))) \times (3!^2 + 1)) \\
 293494 &:= 1 \times (2 \times (3 + (4! + (((5 \times 6) \times 7!) - 8!/9)))) &= 9 + (((((8! - ((7 + 6!) \times 5)) \times 4) + 3) \times 2) - 1) \\
 293495 &:= 1 + (2 \times (3 + (4! + (((5 \times 6) \times 7!) - 8!/9)))) &= ((9 \times (8^{(7-6) \times 5})) + 4!) - (3!! \times 2 + 1) \\
 293496 &:= 1 \times (((2 + 3!)! + 4^5) \times 6) + ((7! + 8) \times 9) &= (((9 + 8! \times 7) + (6 \times ((5^4) \times 3))) - 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 293497 &:= 1 - ((2 + 3!) \times (4! + (5 \times 6! - 7! \times 8 + 9))) &= (((9 + 8! \times 7) + (6 \times ((5^4) \times 3))) - 2) \times 1 \\
 293498 &:= ((-1 + 2) + (34 \times (5 \times 6! + 7! - 8))) + 9 &= (((9 + 8! \times 7) + (6 \times ((5^4) \times 3))) - 2) + 1 \\
 293499 &:= ((1 + 2)!! + 3!!) - ((4! + 5) \times (6 \times 7! - 8! + 9)) &= ((9 + ((8! - ((7 + 6!) \times 5)) \times (4!/3!))) \times 2) + 1 \\
 293500 &:= (1 + 2 \times 3!!) - ((4! + 5) \times (6 \times 7! - 8! + 9)) &= (9 + (((8! - ((7 + 6!) \times 5)) \times 4) + 3!) \times 2) - 1 \\
 293501 &:= (1 \times 2 \times (3! - (4 \times ((5 \times (6! + 7)) - 8!)))) + 9 &= (9 + (((8! - ((7 + 6!) \times 5)) \times 4) + 3!) \times 2) \times 1 \\
 293502 &:= (((1 + (2 + 3!)!) + 4^5) \times 6) + ((7! + 8) \times 9) &= (9 + (((8! - ((7 + 6!) \times 5)) \times 4) + 3!) \times 2) + 1 \\
 293503 &:= 1 \times (((2 + 3!) \times (4 - ((5 \times (6! + 7)) - 8!))) - 9) &= ((9 + (((8! - ((7 + 6!) \times 5)) \times 4) + 3)) \times 2) - 1 \\
 293504 &:= 1 + (((2 + 3!) \times (4 - ((5 \times (6! + 7)) - 8!))) - 9) &= ((9 + (((8! - ((7 + 6!) \times 5)) \times 4) + 3)) \times 2) \times 1 \\
 293505 &:= 1 - (2^{3!} \times (4 + ((5! - (6! \times 7/8)) \times 9))) &= ((9 + (((8! - ((7 + 6!) \times 5)) \times 4) + 3)) \times 2) + 1 \\
 293506 &:= (((1 + (2^{3!+4})) \times (5 + 6)) + 7 \times 8!) - 9 &= (((9 + 8) \times ((7! + (6! - (5!/4!))) \times 3)) + 2) - 1 \\
 293507 &:= ((1 - ((2 - 3!!) \times (4! - 5))) + 6^7) - 8 \times 9 &= (9 \times ((8^{(7-6) \times 5} + 4)) - (3!! \times 2 + 1)) \\
 293508 &:= (12^3) + (((4 \times (5 - 6!)) - (7! - 8!)) \times 9) &= (((9 + 8) \times ((7! + (6! - (5!/4!))) \times 3)) + 2) + 1 \\
 293509 &:= (12 + (34 \times (5 \times 6! + 7! - 8))) + 9 &= (9 \times ((8^{(7-6) \times 5} + 4)) - (3!! \times 2 - 1)) \\
 293510 &:= 1 \times 2 \times (3! - ((4 \times ((5 \times (6! + 7)) - 8!)) - 9)) &= (9 + 8! \times 7) + ((6 \times (((5^4) \times 3) + 2)) - 1) \\
 293511 &:= ((1 + 2) \times (3! + 4)^5) - ((6! - (7 - 8)) \times 9) &= (9 \times ((8! + 7) - 6^5)) + (4! \times ((3! - 2)! - 1)) \\
 293512 &:= (1 - ((2 - (3!!/4) \times 5!)) + ((6 \times (7! + 8!)) - 9) &= 9 + ((8! \times 7 + ((6 + 5) \times (4^{3+2}))) - 1) \\
 293513 &:= 1 - (2 \times ((3! \times (4! - (5 \times (6 + 7!)))) + 8!/9)) &= ((9 + 8! \times 7) + ((6 + 5) \times (4^{3+2}))) \times 1 \\
 293514 &:= (1 + ((2^{3!+4}) \times (5 + 6))) + (7 \times 8! + 9) &= (9 \times (((8!/7) - 6) \times 5)) + (4! \times (3!! \times 2 + 1)) \\
 293515 &:= (((1 + (2 \times (3!! - 4!))) \times 5) - 6!) \times ((7 \times 8) - 9) &= (9 - (8 \times 7)) \times (6! + (5 \times (((4! - 3!!) \times 2) - 1))) \\
 293516 &:= 1 - (2 - (3 \times (4 - ((5 - (6! + 7!)) \times (8 + 9)))) &= (9 \times ((8! - 7) - (6^5 + 4))) + (3!! - (2 - 1)) \\
 293517 &:= ((1 + (2^{3!} + 4!)) \times (5! + 6)) + (7 \times (8! + 9)) &= (((((9 + 8) \times (7! - 6!)) + 5!) \times 4) - (3!! + 2)) - 1 \\
 293518 &:= ((1 + 2)! \times ((3!! + (4 - 5)) \times 67)) + 8!/9 &= 9 - (((8 - 7) + (6! + 5!)) \times (((4! - 3!!)/2) - 1)) \\
 293519 &:= (1 - (2 \times ((3!! - 4) \times 5))) \times (6 - ((7 \times 8) - 9)) &= (((9 + 8!/7!) \times 6!) + 5) \times 4! - (3!!/2 + 1) \\
 293520 &:= ((1 + 2) \times (3! + 4)^5) - (((6! + 7!)/8) \times 9) &= 9 - ((8 \times (((7 + 6!) \times 5) - (4 + (3! + 2)!))) + 1) \\
 293521 &:= (1 + (((2^{3!} - 4!) \times (5! - 6!))) - ((7! - 8!) \times 9) &= (((9 + 8!/7!) \times 6!) + 5) \times 4! - (3!!/2 - 1) \\
 293522 &:= (1 - ((2 + 3!) \times (4! + (5 \times 6! + 7 - 8!)))) + 9 &= 9 - ((8 \times (((7 + 6!) \times 5) - (4 + (3! + 2)!))) - 1) \\
 293523 &:= (1 + 2) \times (((3!! \times 4! - (5 + 6 + 7!)) \times 8) + 9) &= (((9 + 8) \times (((7! - (6! + 5)) \times 4) + 3!)) + 2) - 1 \\
 293524 &:= 1 \times 2 \times (((3!!/4 \times 5! + 6) \times 7) - 8!/9) &= (((9 + 8) \times (((7! - (6! + 5)) \times 4) + 3!)) + 2) \times 1 \\
 293525 &:= 1 + (2 + ((3! - (4 \times (5 + 6! - 7!))) \times (8 + 9))) &= (((9 + 8) \times (((7! - (6! + 5)) \times 4) + 3!)) + 2) + 1 \\
 293526 &:= (1 + 2)! \times ((3!! \times (4 + 5!)) - (((6 + 7!) \times 8) - 9)) &= ((9 \times ((8! - 7) - 6^5)) - (4! - (3!! - 2))) - 1 \\
 293527 &:= 1 - ((2 - (3!! - (4 + 5))) \times (6 \times (78 - 9))) &= ((9 \times ((8! - 7) - 6^5)) - (4! - (3!! - 2))) \times 1 \\
 293528 &:= (1 + 2)! + ((3! - (4 \times (5 + 6! - 7!))) \times (8 + 9)) &= ((9 \times ((8! - 7) - 6^5)) - (4! - (3!! - 2))) + 1 \\
 293529 &:= ((1 + 2) \times (3! + 4)^5) - ((6! + (7 - 8)) \times 9) &= (9 \times ((8 + 7!) \times 6)) + ((5 + 4!) \times (3!! + 2)) - 1 \\
 293530 &:= 1 \times (((2 + 3!!) \times (4! + 5)) + (6 \times ((7! + 8) \times 9))) &= ((9 \times ((8! - 7) - 6^5)) - (4! - (3!! + 2))) - 1 \\
 293531 &:= (1 + ((2 + 3!!) \times (4! + 5))) + (6 \times ((7! + 8) \times 9)) &= ((9 \times ((8! - 7) - 6^5)) - (4! - (3!! + 2))) \times 1 \\
 293532 &:= (12 - 3!!) + (4 \times (5! - ((6! - 7!) \times (8 + 9)))) &= ((9 \times ((8! + 7) - (6^5 - 4^3))) - 2) - 1 \\
 293533 &:= (1 + 2)! + (((3!! \times (4! - 5)) + 6^7) - 89) &= ((9 \times ((8! + 7) - (6^5 - 4^3))) - 2) \times 1 \\
 293534 &:= 1 - (2 - ((3!! \times 4 - (5^6 - (7! + 8!))) \times 9)) &= ((9 \times ((8! + 7) - (6^5 - 4^3))) - 2) + 1
 \end{aligned}$$

$$\begin{aligned}
 293535 &:= (1 + 2) \times (3! + (4 - ((5 - (6! + 7!)) \times (8 + 9)))) &= (9 + 8! \times 7) - ((6 - 5!) \times (((4 + 3!)^2) - 1)) \\
 293536 &:= (((1 + 2)!! - ((3 + 4)!) + (5^6 + 7 \times 8!)) - 9 &= (9 \times ((8! + 7) - (6^5 - 4!))) + (3!!/2 + 1) \\
 293537 &:= 1 \times (2 + ((3!! \times 4 - (5^6 - (7! + 8!))) \times 9)) &= (9 \times (8 + 7!)) - ((6! - 5) \times (((4! - 3!)/2) + 1)) \\
 293538 &:= 1 + (2 + ((3!! \times 4 - (5^6 - (7! + 8!))) \times 9)) &= (((9 \times (8 \times 7 + 6!)) + 5) \times ((4! - 3) \times 2)) \times 1 \\
 293539 &:= 1 - (2 \times ((3 - 4!) \times (5 + ((6! + 7 \times 8) \times 9)))) &= (((9 \times (8 \times 7 + 6!)) + 5) \times ((4! - 3) \times 2)) + 1 \\
 293540 &:= ((1 + 2^{3!}) \times 4) \times ((5!/6 \times 7 \times 8) + 9) &= ((9 + 8!) \times 7) + ((6 \times (((5^4) \times 3) - 2)) - 1) \\
 293541 &:= ((1 + 2^{3!}) \times ((4! + 5) \times 6)) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) + (6 \times (((5^4) \times 3) - (2 \times 1))) \\
 293542 &:= (1 + 2) - ((3! - ((4! \times 5! \times 6) - 7)) \times (8 + 9)) &= ((9 + 8!) \times 7) + ((6 \times (((5^4) \times 3) - 2)) + 1) \\
 293543 &:= 1 - (2 - (3^4 \times (5 \times 6! + (7 + 8 + 9)))) &= ((9 \times ((8! - 7) - 6^5)) - (4 - 3!)) - (2 + 1)! \\
 293544 &:= (((1 + 2)! + 3!)^4) + ((5! + (6 \times (7! - 8))) \times 9) &= (9 \times 8 \times 7) + (6! \times (5! + ((4! \times 3! \times 2) - 1))) \\
 293545 &:= (1 + ((2 \times 3!)^4)) + ((5! + (6 \times (7! - 8))) \times 9) &= ((9 \times ((8! - 7) - 6^5)) - 4!/3) + ((2 + 1)! \\
 293546 &:= ((1 \times 2 + ((3 \times 4)^5)) - 6!) + ((7! + 8) \times 9) &= (((9 + 8! - ((7 + 6!) \times 5)) \times 4) - 3) \times 2 \times 1 \\
 293547 &:= 1 - (2 \times (3 + (4 \times ((5 \times (6! + 7)) - 8! - 9)))) &= ((9 \times ((8! - 7) - 6^5)) - (4 - 3!)) - 2 \times 1 \\
 293548 &:= (1 + ((2 \times 34) \times (5 - (6! - (7! - 8)))) - 9 &= ((9 \times ((8! - 7) - 6^5)) - (4 - 3!)) - (2 - 1) \\
 293549 &:= (((1 - 2 \times 3!) \times (4 \times (5 - (6! + 7)))) + 8!) + 9 &= ((9 \times ((8! - 7) - 6^5)) - (4 - 3!)) \times (2 - 1) \\
 293550 &:= 1 \times ((2 - ((3 \times 4!) + 5)) \times (6 + ((7! - 8!)/9))) &= ((9 + 8! - ((7 + 6!) \times 5)) \times (4!/3)) - 2 \times 1 \\
 293551 &:= 1 + ((2 - ((3 \times 4!) + 5)) \times (6 + ((7! - 8!)/9))) &= (9 \times 8!/7! + (6! - 5)) \times (((4! + 3!)/2) + 1) \\
 293552 &:= 1 \times ((2 - (3! + 4)) \times ((5 \times (6! + 7)) - 8! - 9)) &= ((9 + 8!) \times 7) + ((6 \times ((5^4) \times 3)) - (2 - 1)) \\
 293553 &:= 1 \times (((2 + 3!! \times 4) - (5^6 - (7! + 8!))) \times 9) &= (9 + ((8! + 7!)/(6 \times 5))) \times ((4! \times (3! + 2)) + 1) \\
 293554 &:= 1 + (((2 + 3!! \times 4) - (5^6 - (7! + 8!))) \times 9) &= ((9 + 8! - ((7 + 6!) \times 5)) \times (4!/3)) + (2 \times 1) \\
 293555 &:= 1 \times (2 - (3 \times (4! - ((5 + 6!) \times ((7 + 8) \times 9)))) &= ((9 + 8!) \times 7) + ((6 \times ((5^4) \times 3)) + 2 \times 1) \\
 293556 &:= 1 + (2 - (3 \times (4! - ((5 + 6!) \times ((7 + 8) \times 9)))) &= (9 - 8) \times (((7! - 6!)/5)/4!) \times (3!! \times 2 - 1) \\
 293557 &:= 1 + (2 \times (((3!! \times (4! - 5)) - 6 - 7!) \times (8 + 9))) &= 9 - (8 - (((7! - 6!)/5)/4!) \times (3!! \times 2 - 1)) \\
 293558 &:= 1 \times 2 \times (3 - (4 \times ((5 \times (6! + 7)) - 8! - 9))) &= (((9 + 8! - ((7 + 6!) \times 5)) \times 4) + 3) \times 2 \times 1 \\
 293559 &:= ((1 + 2^{3!}) \times ((4! + 5) \times 6)) + (7 \times 8! + 9) &= (9 \times ((8! + 7) - 6^5)) + (4! \times ((3! - 2)! + 1)) \\
 293560 &:= 1 - (((2 + 3!) \times (4! + (5 \times 6! - 7! \times 8))) + 9) &= ((9 - 8) - 7 \times 6) \times (5 \times ((4 - 3!) \times 2 \times 1)) \\
 293561 &:= 1 + (((2 + 3) \times 4) - (5 \times 6!)) \times (7 - 89) &= ((9 \times ((8! - 7) - 6^5)) + (4!/3)) + ((2 + 1)! \\
 293562 &:= (((1 - ((2 - 3!!) \times (4! - 5))) + 6^7) - 8) - 9 &= ((9 + 8!) \times 7) + (((6 \times (5^4)) + 3) \times (2 + 1)) \\
 293563 &:= 1 + (2 - ((3!! - (4 \times (5 - 6!))) \times (7 - 89))) &= ((9 \times ((8! - 7) - 6^5)) + (4 + 3!)) + (2 + 1)! \\
 293564 &:= 1 \times 2 - (3! \times (4! - (5 \times 6! + (7! + 8! - 9)))) &= (((9 + 8!) \times 7) + (6 \times (((5^4) \times 3) + 2))) - 1 \\
 293565 &:= (1 + 2) - (3! \times (4! - (5 \times 6! + (7! + 8! - 9)))) &= (((9 + 8!) \times 7) + (6 \times (((5^4) \times 3) + 2))) \times 1 \\
 293566 &:= (1 + ((2 \times 34) \times (5 - (6! - (7! - 8)))) + 9 &= (((9 + 8!) \times 7) + (6 \times (((5^4) \times 3) + 2))) + 1 \\
 293567 &:= 1 \times (((2^{3!+4}) \times (5 + 6)) + (7 \times (8! + 9))) &= 9 + ((8 + (7! + (6 + (5! \times 4)))) \times (3!^2 + 1)) \\
 293568 &:= ((1 \times 2 - (3!!/4)) \times 5!) + ((6^7/8) \times 9) &= (((9 \times ((8!/7!) + 6!)) + 5!) \times 4) \times ((3! \times 2) - 1) \\
 293569 &:= (1 + ((2 - (3!!/4)) \times 5!)) + ((6^7/8) \times 9) &= 9 - ((8!/7!) \times (6! \times 5 + (4! - ((3! + 2)! - 1)))) \\
 293570 &:= -1 + (((23 \times (4 \times 5)) + 6) \times (7!/8) - 9) &= ((9 \times ((8! - 7) - 6^5)) - (4 - 3!)) + 21 \\
 293571 &:= ((1 + 2) \times ((3!!/4) + 5 \times 6!)) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) + ((6 + ((5^4) \times 3!)) \times (2 + 1)) \\
 293572 &:= 1 - (2 + (((3 - 4!) \times 5!) \times 6) - 7) \times (8 + 9)) &= (-9 + 8! \times 7) + (((6! + 5!) \times (4! + 3!)/2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 293573 &:= (1 - (2 + 3)!) \times ((4 \times (5 + 6 - 7!/8)) + 9) &= 9 + (8 + (((7! - 6!/5)/4!) \times (3!! \times 2 - 1))) \\
 293574 &:= (1 + 2)! \times (3!! \times 4 - (((5 - (6! + 7!)) \times 8) - 9)) &= (9 \times (8!/7)) - (6 \times ((5!/4) - ((3! + 2)! - 1))) \\
 293575 &:= (1 - ((2 - (3!!/4)) \times 5!)) + (6 \times (7! + 8! + 9)) &= ((9 \times ((8! - 7) - 6^5)) + 4!) + (3!! - (2 \times 1)) \\
 293576 &:= ((1 + (2 + 3)!) - (4! + 5 \times 6!)) \times (7 - 8 + 9) &= 9 - (((8!/7!) \times (6! \times 5 + (4! - (3! + 2)!))) + 1) \\
 293577 &:= ((1 + ((2 - 3!!) \times (4! - 5))) - 6^7) \times (8 - 9) &= ((9 \times (8 \times 7! - (6^5 + 4))) + (3!! - 2)) - 1 \\
 293578 &:= ((1 - ((2 - 3!!) \times (4! - 5))) + (6^7 + 8)) - 9 &= ((9 \times (8 \times 7! - (6^5 + 4))) + (3!! - 2)) \times 1 \\
 293579 &:= 1 - (((2 - 3!!) \times (4! - 5)) + (6^7 \times (8 - 9))) &= ((9 \times (8 \times 7! - (6^5 + 4))) + (3!! - 2)) + 1 \\
 293580 &:= (((1 - ((2 - 3!!) \times (4! - 5))) + 6^7) - 8) + 9 &= (((((9 + 8) \times (7! + (6! - 5))) + 4!) \times 3) + 2) + 1 \\
 293581 &:= 1 - ((2 - (3!! - (4! - 5))) \times ((6 \times 7!)/(8 \times 9))) &= (9 \times (8!/7)) - ((6 \times ((5!/4) - (3! + 2)!)) - 1) \\
 293582 &:= (((1 \times 2 + 3!) \times (4! - 5)) + 6^7) - 8 \times 9 &= ((9 + 8!) \times 7) - (6! - ((5! \times ((4 + 3!)^2)) - 1)) \\
 293583 &:= ((1 + ((2 + 3!!) \times (4! - 5))) + 6^7) - 8 \times 9 &= (9 + (8! - 7) \times 6) + ((5! + 4!) \times (3!!/2 - 1)) \\
 293584 &:= (1 + ((2^3! + 4!) \times 5!)) + (6! + (7 \times (8! + 9))) &= ((9 + 8!) \times 7) - (6! - ((5! \times ((4 + 3!)^2)) + 1)) \\
 293585 &:= 1 - ((2 + 3!) \times (4! + (5 \times 6! + (7 - 8! - 9)))) &= ((9 + 8! - (7 + (6! \times 5 + 4!))) \times (3! + 2)) + 1 \\
 293586 &:= (((1 + 2)!) \times (3 \times 4!)) - 5! + (6 \times (7! \times 8 - 9)) &= ((9 \times ((8! - 7) - (6^5 - 4))) + (3!! - 2)) - 1 \\
 293587 &:= 1 - (((2 - ((3 + 4!) \times (5 + 6!))) \times (7 + 8)) + 9) &= ((9 \times ((8! - 7) - (6^5 - 4))) + (3!! - 2)) \times 1 \\
 293588 &:= -1 + (((23 \times (4 \times 5)) + 6) \times (7!/8)) + 9 &= (9 + 8! \times 7) + (((6! + 5!) \times (4! + 3!))/2) - 1 \\
 293589 &:= (1 + 2) \times (((3! \times (4! \times 5!)) - 6 - 7!) \times 8) - 9 &= ((9 + 8!) \times 7) - ((6 - 5!) \times (((4 + 3!)^2) - 1)) \\
 293590 &:= (1 \times 2 + (3 \times (4 + 5!))) \times (6! - (7 - 8 \times 9)) &= (9 + 8! \times 7) + (((6! + 5!) \times (4! + 3!))/2) + 1 \\
 293591 &:= 1 + (2 \times (3!! - (((4! + 5) \times (6 - 7!)) - 89))) &= ((9 \times 8 \times (7! - 6!)) - 5!) - ((4! \times (3!! + 2)) + 1) \\
 293592 &:= ((1 + 2 \times 3!) \times 4!) \times (5 + ((6 + 7) \times 8 \times 9)) &= (9 \times (8!/7)) + ((6!/5 + 4!) \times (3!! \times 2 - 1)) \\
 293593 &:= (1 - ((2 - (3!!/4)) \times 5!)) + ((6 \times 7! + 8) \times 9) &= ((9 \times (8 \times 7! - 6^5)) - (4! - (3!! + 2))) - 1 \\
 293594 &:= 1 - (((2 - (3!! \times 4)) \times (5 + 6)) - 7!) \times 8) - 9 &= (9 \times (8! - 7!)) - (((6! + 5) \times (4! + 3^2)) + 1) \\
 293595 &:= (((1 - (2 + 3)!) \times (4! - 5!)) - 6) + (7 \times (8! - 9)) &= (9 \times (8! - 7!)) - ((6! + 5) \times (4! + 3^2)) \times 1 \\
 293596 &:= ((1 - ((2 - 3!!) \times (4! - 5))) + (6^7 + 8)) + 9 &= (9 \times (8! - 7!)) - ((6! + 5) \times (4! + 3^2)) + 1 \\
 293597 &:= -1 + (2 \times (3!! - ((4! - (5^6 + 7!/8)) \times 9))) &= 9 \times 8 + ((7! - 65) \times (((4! + 3!) \times 2) - 1)) \\
 293598 &:= 1 \times (2 \times (3!! - ((4! - (5^6 + 7!/8)) \times 9))) &= (9 \times ((8! - 7) - (6^5 - 4))) + (3^{(2+1)!}) \\
 293599 &:= 1 + (2 \times (3!! - ((4! - (5^6 + 7!/8)) \times 9))) &= 9 + ((8 - 7 \times 6) \times (5 - ((4 \times 3) \times (2 + 1)!))) \\
 293600 &:= (1 \times 2 + 3!) \times (4! - ((5 \times (6! + 7)) - 8! + 9)) &= (9 + (((8! \times 7) - (6! - 5!))/4!)) \times ((3! - 2)! + 1) \\
 293601 &:= (1 - (((2 + (3 \times 4!)) - 5) \times (6! - 7!))) - 8!/9 &= (9 + (8 \times 7!/(6 \times 5))) \times ((4! \times (3^2)) + 1) \\
 293602 &:= 1 \times (2 \times (3^4 + (((5 \times 6) \times 7!) - 8!/9))) &= (9 \times ((8! - 7) - 6^5)) + ((4! \times 32) + 1) \\
 293603 &:= 1 + (2 \times (3^4 + (((5 \times 6) \times 7!) - 8!/9))) &= (((9 + 8!/7!) \times 6!) - 5) \times 4! - (3!^2 + 1) \\
 293604 &:= (1 + 2)! \times (((3 + 4)!) + ((5 \times (6! - 7)) + 8! + 9)) &= (((9 + 8!/7!) \times 6!) - 5) \times 4! - (3! \times (2 + 1)!) \\
 293605 &:= (1 + 2^3!) \times (((4 \times (5 + 6)) - 7) + 8!/9) &= (((9 + 8!/7!) \times 6!) - 5) \times 4! - (3!^2 - 1) \\
 293606 &:= 1 - (2 + ((3! \times (4! - (5 \times 6! + (7! + 8!)))) + 9)) &= ((9 \times (8 \times 7! - 6^5)) - (4 - 3!)) - (2 + 1)! \\
 293607 &:= ((1 + 2)! \times 3!^4) + (5 \times 6! + 7 \times 8! - 9) &= (9 \times ((8! + 7) - 6^5)) - ((4! \times 3) - ((2 + 1)!)) \\
 293608 &:= (1 + 2)!! - (((3 + 4)!) - (5^6 + (7 \times (8! + 9)))) &= ((9 + 8!) \times 7) + ((6! - (5^4)) \times (((3 + 2)! - 1)) \\
 293609 &:= 1 \times (2 - ((3! \times (4! - (5 \times 6! + (7! + 8!)))) + 9)) &= ((9 \times (8 \times 7! - 6^5)) - (4 - (3!! - 2))) - 1 \\
 293610 &:= 1 + (2 - ((3! \times (4! - (5 \times 6! + (7! + 8!)))) + 9)) &= ((9 \times (8 \times 7! - 6^5)) - (4 - (3!! - 2))) \times 1
 \end{aligned}$$

$$\begin{aligned}
 293611 &:= (((12 + (3! \times (4! - 5))) + 6^7) - 8) - 9 &= ((9 \times (8 \times 7! - 6^5)) - (4 - (3! - 2))) + 1 \\
 293612 &:= 1 - (2 + (3 \times (4 - ((5 + 6!) \times ((7 + 8) \times 9)))) &= ((9 - (8 \times (7 - (6! + 5!)))) \times 4) \times ((3! \times 2) - 1) \\
 293613 &:= ((1 + 2^{3!}) \times ((4! + 5) \times 6)) + (7 \times (8! + 9)) &= ((9 \times (8 \times 7! - 6^5)) - 4) + (3! + (2 - 1)) \\
 293614 &:= 1 \times (((2 - (3! \times (4! - 5))) - 6^7) \times (8 - 9)) &= ((9 \times (8 \times 7! - 6^5)) - (4 - 3!)) + (2 \times 1) \\
 293615 &:= 1 + (((2 - (3! \times (4! - 5))) - 6^7) \times (8 - 9)) &= (((9 + 8!/7!) \times 6!) - 5) \times 4! - ((3! - 2)! + 1) \\
 293616 &:= 1 \times 2 \times ((3! \times 4! - ((5! - (6 - 7)) \times 8)) \times 9) &= (((9 - (8 - 7)))! \times 6) + ((5! + 4!) \times (3!/2 - 1)) \\
 293617 &:= 1 \times 2 + ((3! \times (4! - 5)) + (6^7 + (8 - 9))) &= (((9 + 8!/7!) \times 6!) - 5) \times 4! - ((3! - 2)! - 1) \\
 293618 &:= 1 - (((2 \times 3! + 4) \times (5 - 6!)) - (7 \times (8! - 9))) &= (9 + (((8! \times 7)/6!) \times (5 + (4! + 3!)))) + 2) - 1 \\
 293619 &:= 1 \times (((2 + (3! \times (4! - 5))) + 6^7) - 8 + 9) &= (9 + (((8! \times 7)/6!) \times (5 + (4! + 3!)))) + 2) \times 1 \\
 293620 &:= 1 + (((2 + (3! \times (4! - 5))) + 6^7) - 8 + 9) &= (9 + (((8! \times 7)/6!) \times (5 + (4! + 3!)))) + 2) + 1 \\
 293621 &:= 1 \times ((2 \times (3! \times 4! + (5^6 \times 7))) + 8! - 9) &= ((9 \times (8 \times 7! - 6^5)) + 4) + (3! + (2 - 1)) \\
 293622 &:= 1 - ((2 \times (3! \times 4 - (5^6 \times 7 + 8!))) + 9) &= (9 \times (8!/7)) - ((6!/5!) \times (4! - ((3! + 2)! + 1))) \\
 293623 &:= (1 + 2)! + (((3! \times (4! - 5)) + 6^7) - 8 + 9) &= (((9 \times (8 + 7)) \times ((6! + (5!/4!)) \times 3)) - 2) \times 1 \\
 293624 &:= ((1 + 2) - (3! \times 4! - 5)) \times ((6 - 7) \times (8 + 9)) &= (9 + 8! \times 7) - (((6 - (5! \times 4)) \times (3! - 2)! + 1) \\
 293625 &:= ((1 + 2)^{3!}) - (((4! \times (5! - 6)) + 7! - 8!) \times 9) &= (9 + 8 \times 7! \times 6) + ((5! + 4!) \times (3!/2 - 1)) \\
 293626 &:= 1 \times 2 \times (3! + (((4! + 5) \times ((6 + 7!) - 8)) - 9)) &= (9 + 8! \times 7) - (((6 - (5! \times 4)) \times (3! - 2)! - 1) \\
 293627 &:= 1 - (2 \times (3 + (4 \times (5 \times 6! + (7 - 8! + 9)))) &= (((9 + 8!/7!) \times 6!) - 5) \times 4! - (3! \times 2 + 1) \\
 293628 &:= ((1 + 2) - (3! \times (4! - (5 \times 6! + (7! + 8!)))) + 9) &= ((9 + 8! - 7) \times 6) + ((5! + 4!) \times (3!/2 - 1)) \\
 293629 &:= (((12 + (3! \times (4! - 5))) + 6^7) - 8) + 9 &= (9 + (8!/7)) + ((6^5 + 4) \times (3!^2 + 1)) \\
 293630 &:= (1 - 2 \times 3!) + (((4! \times 5! \times 6) - 7) \times (8 + 9)) &= (((9 + 8!/7!) \times 6!) - 5) \times 4! - (3^2 + 1) \\
 293631 &:= (((1 + 2)! \times (3 \times 4!)) - 5!) + ((6 \times 7! \times 8) - 9) &= (((9 + 8!/7!) \times 6!) - 5) \times 4! - (3 \times (2 + 1)) \\
 293632 &:= 1 \times ((2 - (3! + 4)) \times (5 \times 6! + (7 - 8! + 9))) &= (((9 + 8!/7!) \times 6!) - 5) \times 4! - (3! + 2 \times 1) \\
 293633 &:= (1 + ((2^{3!} \times (4! + 5!)) + 6^7)) + 8!/9 &= (((9 + 8!/7!) \times 6!) - 5) \times 4! - (3! + (2 - 1)) \\
 293634 &:= (1 - 2 \times 3!) \times (4! + (5! + (6 \times (7 - 8!/9)))) &= (9 + ((8! + (7! + (6! \times 5 - 4!))) \times 3)) \times 2 \times 1 \\
 293635 &:= (1 \times 2 \times (3! + ((4! + 5) \times ((6 + 7!) - 8)))) - 9 &= (((9 \times (8 + 7)) \times (6! + 5)) + 4) \times 3 - 2 \times 1 \\
 293636 &:= (1 \times 2 - 3!) + (((4 \times 5!) - 6) \times (7!/8 - 9)) &= ((9 + 8) \times (7! + (6! \times 5 - 4))) + 3! \times 2 \times 1 \\
 293637 &:= ((1 + 2) - 3!) + (((4 \times 5!) - 6) \times (7!/8 - 9)) &= ((9 \times (8 \times 7! - 6^5)) + 4!) + (3! - 2 - 1) \\
 293638 &:= (((1 + ((2 + 3!) \times (4! - 5))) + 6^7) - 8) - 9 &= ((9 \times (8 \times 7! - 6^5)) + 4!) + (3! - (2 \times 1)) \\
 293639 &:= 1 + (2 \times (3 - (4 \times (5 \times 6! + (7 - 8! + 9)))) &= (9 \times (8!/7)) - ((6 \times ((5 \times 4) - (3! + 2)!)) + 1) \\
 293640 &:= (1 + (2 \times (3! \times 4! + (5^6 \times 7)))) + (8! + 9) &= (9 \times (8! - 7!) - 6!) - (5! \times ((4! \times (3! + 2)) + 1)) \\
 293641 &:= 1 + ((2 - 3) + (((4! \times 5! \times 6) - 7) \times (8 + 9))) &= (9 \times (8!/7)) - ((6 \times ((5 \times 4) - (3! + 2)!)) - 1) \\
 293642 &:= (1 \times 2 - (3! \times 4! + 5!)) - ((6! - 7!) \times 8 \times 9) &= ((9 + 8!) \times 7) + (((6! + 5!) \times (4! + 3!))/2) - 1) \\
 293643 &:= (((1 + 2)! \times (3! + 4!)) - ((5 - (6 \times 7! - 8)) \times 9) &= ((9 + 8! \times 7) - 6) + (5! \times ((4 \times (3! - 2)! - 1)) \\
 293644 &:= 1 \times 2 \times (3! - (4 \times (5 \times 6! + (7 - 8! + 9)))) &= ((9 + 8!) \times 7) + (((6! + 5!) \times (4! + 3!))/2) + 1) \\
 293645 &:= ((12 + (3! \times (4! - 5))) + (6^7 + 8)) + 9 &= (9 \times (8!/7)) + ((6 \times (5 - (4! - (3! + 2)!))) - 1) \\
 293646 &:= (((1 + 2)! + 3!) \times (4! + 5)) + (6 \times ((7! + 8) \times 9)) &= (9 \times (8!/7)) - (6 \times ((5 \times 4) - ((3! + 2)! + 1))) \\
 293647 &:= 1 - ((2 - (3!/4 \times 5)) \times ((6 \times 7 \times 8) - 9)) &= (9 \times ((8!/7 + 6!) \times 5)) + (4^{3!}/2 - 1) \\
 293648 &:= 1 - ((2 + 3!) - ((4! \times (5^6 - 7!)) + 8! + 9)) &= (9 + 8! \times 7) - (((6 - 5!) \times ((4 + 3!)^2)) + 1) \\
 293649 &:= (((1 + 2)! \times (3 \times 4!)) - 5!) + ((6 \times 7! \times 8) + 9) &= (9 \times ((8!/7 + 6!) \times 5)) + (4^{3!}/2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 293650 &:= 1 + (2 + (3! + (((4! \times 5! \times 6) - 7) \times (8 + 9)))) &= (((9 + 8!/7!) \times 6!) - 5) \times 4! + 3^2 + 1 \\
 293651 &:= 1 \times ((2 - 3!) + ((4! \times (5^6 - 7!)) + 8! + 9)) &= (9 \times (8! - 7!)) + ((6 \times (5! - (4^{3!} + 2))) - 1) \\
 293652 &:= 1 + ((2 - 3!) + ((4! \times (5^6 - 7!)) + 8! + 9)) &= 9 - (((8 - (7! + 6)) \times (5 + 4!)) - 3!) \times 2 + 1) \\
 293653 &:= (((1 \times 2 + 3!) \times (4! - 5)) + (6^7 + 8)) - 9 &= (9 \times (8! - 7!)) + ((6 \times (5! - (4^{3!} + 2))) + 1) \\
 293654 &:= ((1 + ((2 + 3!) \times (4! - 5))) + 6^7) + (8 - 9) &= 9 - (((8 - (7! + 6)) \times (5 + 4!)) - 3!) \times 2 - 1) \\
 293655 &:= 1 \times (((2 + 3!) \times (4! - 5)) + 6^7) - 8 + 9 &= (9 + 8! \times 7 + 6) + (5! \times ((4 \times (3! - 2)! - 1)) \\
 293656 &:= (((1 + ((2 + 3!) \times (4! - 5))) + 6^7) - 8) + 9 &= ((9 \times ((8! + 7) - 6^5)) - 4!) + (3! + (2 - 1)) \\
 293657 &:= 1 - (2 + ((3! - (4! \times ((5 - (6 - 7)))))) \times (8 + 9))) &= ((9 \times ((8! + 7) - 6^5)) - 4!) + (3! + 2 \times 1) \\
 293658 &:= (((1 + 2)! + 3!) \times (4! - 5)) + 6^7 - 8 \times 9 &= (9 \times (8! - 7!)) + ((6 \times (5! - 4^{3!})) - (2 + 1)!) \\
 293659 &:= (((1 + 2)! \times (3 \times 4!)) - 5) - (6 \times (7 - 8! + 9)) &= 9 + (((8 \times (7! - 6) \times 5) / 4!) \times (3!^2 - 1)) \\
 293660 &:= 1 \times 2 \times (3 + ((4! + 5) \times (6 + (7! + 8 + 9)))) &= (((9 + 8) + 7! + 6) \times (5 + 4!)) + 3 \times 2 \times 1 \\
 293661 &:= 1 \times (((2 + (3^4 \times 5)) \times 6!) + (7!/8 - 9)) &= (((9 + 8) \times (7! - 6!)) + 5) \times 4 - (((3 + 2)! - 1) \\
 293662 &:= (1 + ((2 + (3^4 \times 5)) \times 6!)) + (7!/8 - 9) &= (9 \times (8! - 7!)) + ((6 \times (5! - 4^{3!})) - (2 \times 1)) \\
 293663 &:= 1 + ((2 - 3!) \times (4! - (((5! - 67) \times 8) + 9))) &= (((9 + 8!/7!) \times 6!) - 5) \times 4! + ((3! - 2)! - 1) \\
 293664 &:= 1 - (((2 + 3!) \times (4 + (5 \times 6! + 7 - 8!))) + 9) &= (9 \times 8 \times 7) - ((6! + 5!) \times (((4! - 3!)/2) - 1)) \\
 293665 &:= 1 \times (((2 - 3!) \times (4 - (5!/6))) + (7 \times (8! - 9))) &= (9 \times ((8! + 7!)/6)) + ((5^4) \times (3!/2 + 1)) \\
 293666 &:= (1 + ((2 - 3!) \times (4 - (5!/6)))) + (7 \times (8! - 9)) &= ((9 \times (8! - (7! + (6! + 5)))) - (4! \times (3! + 2))) - 1 \\
 293667 &:= (1 + 2) \times (((3! \times 4! - (5 + (6! \times 7))) \times 8) + 9) &= (9 + ((8! + 7) \times 6)) + ((5! + 4!) \times (3!/2 - 1)) \\
 293668 &:= (1 - ((2 + 3!) \times 4!)) - ((5 + (6! + 7! - 8!)) \times 9) &= ((9 \times (8! - (7! + (6! + 5)))) - (4! \times (3! + 2))) + 1 \\
 293669 &:= 1 - (2 + (3! \times (4! - (5 \times 6! + (7! + 8! + 9)))) &= (9 \times (8! - ((7! \times 6 - 5!)/4))) - (3! \times 2 + 1) \\
 293670 &:= (1 + 2^{3!}) \times (4! + ((5! + (6 + 7! \times 8))/9)) &= ((9 + 8 \times 7!) \times 6) + ((5! + 4!) \times (3!/2 - 1)) \\
 293671 &:= (((1 \times 2 + 3!) \times (4! - 5)) + (6^7 + 8)) + 9 &= 9 - ((8 + (7 \times (6 - (5! + 4)))) \times (3!/2 - 1)) \\
 293672 &:= (1 + ((2 - 3!) \times (4 \times (5 - 6!)))) + (7 \times 8! - 9) &= 9 - ((8 \times (7! + ((6 - ((5 + 4!) \times 3!)) \times 2))) + 1) \\
 293673 &:= 1 + (2 - (3! \times (4! - (5 \times 6! + (7! + 8! + 9)))) &= ((9 \times ((8! + 7) - 6^5)) - 4) + (3! - (2 \times 1)) \\
 293674 &:= (1 - ((2 - 3!) \times (4! \times 5! - 6))) + (7 \times (8! - 9)) &= 9 - ((8 \times (7! + ((6 - ((5 + 4!) \times 3!)) \times 2))) - 1) \\
 293675 &:= 1 - (2 \times (3! + ((4 \times (5 \times 6! + 7 - 8!)) + 9))) &= (9 \times (8! - 7!)) - (6! + ((5^4) \times (3!^2 + 1))) \\
 293676 &:= (1 + 2)! - (3! \times (4! - (5 \times 6! + (7! + 8! + 9)))) &= (9 \times (8! - 7!)) + (6 \times (5! - (4^{3!} - (2 \times 1)))) \\
 293677 &:= (((1 + 2) \times 3! - 4) \times 5) + (6! + (7 \times (8! - 9))) &= (9 \times (8! - 7!)) + ((6 \times (5! - (4^{3!} - 2))) + 1) \\
 293678 &:= 1 + (2 - ((3! \times 4! - 5) \times ((6 - 7) \times (8 + 9)))) &= ((9 + 8!) \times 7) - (((6 - (5! \times 4)) \times (3! - 2)! + 1) \\
 293679 &:= 1 \times (((2 + (3^4 \times 5)) \times 6!) + (7!/8 + 9)) &= (9 + 8! \times 7 + 6) + ((5! - 4!) \times (((3 + 2)! - 1)) \\
 293680 &:= (1 + ((2 + (3^4 \times 5)) \times 6!)) + (7!/8 + 9) &= ((9 + 8!) \times 7) - (((6 - (5! \times 4)) \times (3! - 2)! - 1) \\
 293681 &:= 1 \times (((2 \times 3! \times 4!) + 5!) \times 6! - (7 + 8 \times 9)) &= ((9 \times ((8! + 7) - 6^5)) + 4) + (3! - (2 \times 1)) \\
 293682 &:= (1 - ((2 + 3!) \times (4 + (5 \times 6! + 7 - 8!)))) + 9 &= ((9 + 8!) \times 7) - (6! - (((5! - (4 + 3!))^2) - 1)) \\
 293683 &:= (((1 + 2)! \times (3! + 4!)) - 5) + ((6 \times 7! - 8) \times 9) &= ((9 + 8!) \times 7) - (6! - (((5! - (4 + 3!))^2 \times 1)) \\
 293684 &:= 1 \times 2 - (3! \times (4 - (5 \times 6! + (7! + 8! - 9)))) &= ((9 + 8!) \times 7) - (6! - (((5! - (4 + 3!))^2) + 1)) \\
 293685 &:= (1 + 2) - (3! \times (4 - (5 \times 6! + (7! + 8! - 9)))) &= ((9 \times ((8! + 7) - 6^5)) + (4 + 3!)) + (2 \times 1) \\
 293686 &:= (((1 + 2)! \times 3!) - 4) \times 5 + (6 \times (7! + 8! - 9)) &= ((9 \times ((8! + 7) - 6^5)) + (4 + 3!)) + (2 + 1) \\
 293687 &:= 1 \times ((2 \times ((3 + 4)! - (5 - 6!))) + (7 \times (8! - 9))) &= ((9 \times 8 \times (7! - 6!)) - 5!) - ((4! \times (3! - 2)) + 1)
 \end{aligned}$$

$$\begin{aligned} 293688 &:= ((1 \times 2 - 3!) \times 4!) - (5! + ((6! - 7!) \times 8 \times 9)) &= (9 + 8! \times 7) + (((6! - 5) \times (4! - (3! + 2))) - 1) \\ 293689 &:= (1 + (2 \times 3! \times 4!)) + (((5 \times (6! + 7!)) - 8) \times 9) &= ((9 \times 8 \times (7! - 6!)) - 5!) - ((4! \times (3! - 2)) - 1) \\ 293690 &:= (1 + ((2 - 3!) \times (4 \times (5 - 6!)))) + (7 \times 8! + 9) &= (9 + 8! \times 7) + (((6! - 5) \times (4! - (3! + 2))) + 1) \\ 293691 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times 6!)) - (7! / (8 \times 9)) &= (9 \times (8! - (7! + (6! + 5)))) - (4! \times (3! + (2 - 1))) \\ 293692 &:= 1 \times 2 \times (3 - ((4 \times (5 \times 6! + 7 - 8!)) + 9)) &= ((9 - 8) - (7! - 6!)) \times (5 - ((4! \times 3) + (2 - 1))) \\ 293693 &:= (((1 + 2)!) \times (3! + 4!)) + 5 + ((6 \times 7! - 8) \times 9) &= ((9 \times 8 \times (7! - 6!)) + 5) - (4! \times (3 + (2 + 1)!)) \\ 293694 &:= 1 \times 2 \times (3 - (4 \times (5 \times 6! - 7! \times 8 + 9))) &= ((9 \times (8! / 7 + 6)) - 5!) + ((4! / 3!) \times (2 + 1)!) \\ 293695 &:= 1 + (2 + ((3! \times 4! - (5 + 6 - 7)) \times (8 + 9))) &= ((9 + (8! + (7 - (6! \times 5 + 4)))) \times (3! + 2)) - 1 \\ 293696 &:= 1 \times (2^{3!} \times (4! + (5 + ((6! + 7! \times 8) / 9)))) &= (9 \times ((8! - 7) - 6^5)) + ((4! \times (3!^2)) - 1) \\ 293697 &:= 1 + (2^{3!} \times (4! + (5 + ((6! + 7! \times 8) / 9)))) &= (((9 + 8!) \times 7) - 6) + (5! \times ((4 \times (3! - 2)! - 1)) \\ 293698 &:= 1 \times 2 \times (3! - ((4 \times (5 \times 6! + 7 - 8!)) + 9)) &= (9 \times ((8! - 7) - 6^5)) + ((4! \times (3!^2)) + 1) \\ 293699 &:= 1 \times 2 - (((3 - (4! - 5)) \times 6!) - (7 \times (8! - 9))) &= (((9 + 8) \times (7 + 6!)) - 5!) \times 4! - (3!^2 + 1) \\ 293700 &:= 1 \times 2 \times ((3 \times (((4 + 5!) \times 6!) - (7 + 8!))) - 9) &= 9 + (((8! - (7 + (6! \times 5))) \times 4) - 3!) \times 2 - 1 \\ 293701 &:= 1 \times ((2 \times (3 - (4 \times (5 \times 6! + 7 - 8!)))) - 9) &= ((9 \times ((8! + 7) - 6^5)) + 4!) + (3! - (2 \times 1)) \\ 293702 &:= 1 + ((2 \times (3 - (4 \times (5 \times 6! + 7 - 8!)))) - 9) &= 9 + (((8! - (7 + (6! \times 5))) \times 4) - 3!) \times 2 + 1 \\ 293703 &:= (((1 + 2) \times 3! - 4) \times 5!) + ((6^7 / 8) - 9) &= (((9 + 8!) \times 7) - 6!) + (5! \times (((4 + 3!)^2) + 1)) \\ 293704 &:= (((1 + 2)!) \times (3 \times 4!)) - (5 + (6 \times (7 - 8!))) - 9 &= 9 - (((8 - 7! / 6) \times (5 - ((4! - 3!) / 2))) + 1) \\ 293705 &:= 1 - (2 - (3! / 4 \times 5! + (6 \times (7! + 8! - 9)))) &= 9 + ((8 - 7! / 6) \times (5 + ((4 - 3!) / 2 \times 1))) \\ 293706 &:= 1 \times 2 \times (3 \times (4! \times 5! + (6! + (7! + 8! - 9)))) &= (((9 \times (8! / 7)) - 6) \times 5) + (4! \times (3! \times 2 - 1)) \\ 293707 &:= (1 - (2^{3 \times 4})) + (5^6 + (7 \times (8! - 9))) &= ((9 \times 8 \times (7! - 6!)) - 5) - (4! \times (3! + 2 \times 1)) \\ 293708 &:= (1 - (2 \times (3 + (4 \times (5 \times 6! + 7 - 8!)))) + 9 &= (9 + ((8! + 7!) \times 6)) + (((5! / 4) \times (3! - 2)) - 1) \\ 293709 &:= 1 + (2 + (3! / 4 \times 5! + (6 \times (7! + 8! - 9)))) &= (9 + ((8! / 7 + (6 - 5!)) \times 4)) \times (3! \times 2 + 1) \\ 293710 &:= (((1 + 2)! - 3!^4) \times 5) + (67 \times (8! / 9)) &= (9 + ((8! + 7!) \times 6)) + (((5! / 4) \times (3! - 2)) + 1) \\ 293711 &:= 1 - (2 \times (3! + ((4 \times (5 \times 6! + 7 - 8!)) - 9))) &= (9 \times 8 \times (7! - (6 \times 5!))) - ((4! \times (3! + 2)) + 1) \\ 293712 &:= ((1 + 2 \times 3!) \times 4!) + (((5 \times (6! + 7!)) - 8) \times 9) &= ((9 + (8! + 7)) \times 6) + ((5! + 4!) \times (3! / 2 - 1)) \\ 293713 &:= (1 - ((2 + 3!) \times 4!)) - (((5! \times 6) - 7!) \times 8 \times 9) &= (9 \times 8 \times (7! - (6 \times 5!))) - ((4! \times (3! + 2)) - 1) \\ 293714 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times 6!)) - ((7 \times 8) - 9) &= (9 - (8 \times 7)) + ((6! \times (5! + (4! \times 3! \times 2))) + 1) \\ 293715 &:= ((1 - 2^{3!}) \times (4^5 - 6 - 7!)) + (8! + 9) &= (((9 + 8) \times (7! - 6!)) - 5) \times 4 - (3! - 2!) - 1 \\ 293716 &:= 1 + (2 + (((3! \times (45 + 6)) - 7) \times 8) + 9)) &= ((9 \times 8 \times (7! - 6!)) + (5 - (4! \times (3! + 2)))) - 1 \\ 293717 &:= 1 \times (2 - (3! \times 4! + ((5 + (6! + 7! - 8!)) \times 9))) &= (9 \times (8! / 7)) - ((6 \times (5 - ((4! / 3!) - 2))) + 1) \\ 293718 &:= 1 + (2 - (3! \times 4! + ((5 + (6! + 7! - 8!)) \times 9))) &= ((9 \times 8 \times (7! - 6!)) + (5 - (4! \times (3! + 2)))) + 1 \\ 293719 &:= 1 - (2 \times ((3 \times (4 - (5 \times 6! + (7! + 8!)))) + 9)) &= (9 \times (8! / 7)) - ((6 \times (5 - ((4! / 3!) - 2))) - 1) \\ 293720 &:= 1 - (((2 + 3!) \times ((4 + 5 \times 6!) - 7! \times 8)) + 9) &= ((9 + 8) \times ((7! / (6 + 5!)) + 4! \times 3!)) - ((2 + 1)!) \\ 293721 &:= 1 + ((2 + 3!) \times (4 - (5 \times 6! - 7! \times 8 + 9))) &= (9 \times ((8! - 7) - 6^5)) + (4! \times (3!^2 + 1)) \\ 293722 &:= 1 + (((2 \times (3! \times (4! + 5))) - 6 - 7!) \times 8) + 9) &= (((9 \times (8! / 7)) - (6 + (5! \times 4!))) \times 3!) - 2 \times 1 \\ 293723 &:= (((1 - (2 + 3!)) \times (4 - 5!)) + 6^7) - 8 - 9 &= (((9 + 8) \times (7 + 6!)) - 5!) \times 4! - (3! \times 2 + 1) \\ 293724 &:= ((1 + 2) \times (3! \times 4! + 5)) - ((6 \times (7 - 8!)) + 9) &= (((9 + 8) \times (7! + (6! \times 5))) - (4! - 3!)) \times 2 \times 1 \\ 293725 &:= 1 \times ((2 \times (3! - (4 \times (5 \times 6! + 7 - 8!)))) + 9) &= (((9 + 8) \times (7 + 6!)) - 5!) \times 4! - ((3! \times 2) - 1) \\ 293726 &:= 1 + ((2 \times (3! - (4 \times (5 \times 6! + 7 - 8!)))) + 9) &= (((9 \times (8! / 7)) - (6 + (5! \times 4!))) \times 3!) + (2 \times 1) \end{aligned}$$

$$\begin{aligned}
 293727 &:= ((1 + ((2 + 3!) \times (4! - 5))) + 6^7) + 8 \times 9 &= (((9 + 8) \times (7! - 6!)) - 5) \times 4 - (3! \times 2 + 1) \\
 293728 &:= (1 - ((2 - 3!) \times (4! \times 5! - 6))) + (7 \times 8! - 9) &= (9 \times (8!/7)) - ((6 \times (5 - (4!/3!)) + 2) \times 1) \\
 293729 &:= 1 \times 2 - ((3! \times (4 - (5 \times 6! + (7! + 8!)))) + 9) &= (((9 \times (8!/7)) - 6) \times 5) + ((4! \times 3! \times 2) - 1) \\
 293730 &:= (1 - ((2 + 3!) \times (4 - (5!/6)))) + (7 \times (8! - 9)) &= (((9 + 8) \times (7! - 6!)) - 5) \times 4 - (3^2 + 1) \\
 293731 &:= (((((1 + 2)! + 3!) \times (4! - 5)) + 6^7) - 8) + 9 &= (((9 \times (8!/7)) - 6) \times 5) + ((4! \times 3! \times 2) + 1) \\
 293732 &:= 1 \times 2 + (3! \times (4 + (5 \times 6! + (7! + 8! - 9)))) &= (9 \times ((8! - 7) - 6^5)) + (((4! + 3!)^2) - 1) \\
 293733 &:= (((1 + 2)!) \times (3! + 4!)) + (((5 + 6 \times 7!) - 8) \times 9) &= (9 \times ((8! - 7) - 6^5)) + ((4! + 3!)^2 \times 1) \\
 293734 &:= 1 \times (2 \times (3! - ((4 \times (5 \times 6! + 7 - 8!)) - 9))) &= (9 \times ((8! - 7) - 6^5)) + (((4! + 3!)^2) + 1) \\
 293735 &:= 1 + (2 \times (3! - ((4 \times (5 \times 6! + 7 - 8!)) - 9))) &= (9 \times (8!/7)) - (((6!/5!) \times (4 - (3! + 2)!)) + 1) \\
 293736 &:= 1 \times 2 \times ((3 \times ((4 + 5!) \times 6!) - (7 + 8!))) + 9) &= (9 \times (8! - (7! + (6! \times 5)))) + (4! \times (3!/2 - 1)) \\
 293737 &:= 1 \times (((2 - 3!) \times (4 - (5!/6))) + (7 \times 8! + 9)) &= (9 \times (8!/7)) - (((6!/5!) \times (4 - (3! + 2)!)) - 1) \\
 293738 &:= (1 + (((2 - 3!) \times (4 - (5!/6))) + 7 \times 8!)) + 9 &= 9 + (((8 \times 7! - (6! \times 5 + 4)) \times (3! + 2)) + 1) \\
 293739 &:= ((1 \times 2 + 3^4) \times (5 \times 6! - 7)) - 8!/9 &= (9 + (8! \times 7 + 6!)) + ((5!/4) \times (3!/2 - 1)) \\
 293740 &:= 1 - ((2 \times (3! - ((4! \times (5! - 6! + 7!)) + 8!))) + 9) &= (((9 + 8) \times (7 + 6!)) - 5!) \times 4! + 3! - 2 \times 1 \\
 293741 &:= (((1 - (2 + 3!)) \times (4 - 5!)) + 6^7) - 8) + 9 &= (9 \times (8!/7)) - ((6 \times (5 - ((4!/3!) + 2))) + 1) \\
 293742 &:= ((1 + 2) \times (3! \times 4! + 5)) - ((6 \times (7 - 8!)) - 9) &= ((9 + 8!) \times 7) + (((6! - 5) \times (4! - (3! + 2))) - 1) \\
 293743 &:= (((1 + 2)!) \times (3 \times 4!)) - 5) + (6 \times (7 + 8! - 9)) &= (9 \times (8!/7)) - ((6 \times (5 - ((4!/3!) + 2))) - 1) \\
 293744 &:= (1 + ((2 - 3!) \times (4 \times (5 - 6!)))) + (7 \times (8! + 9)) &= (9 + 8! \times 7) - (((6 - (5! \times 4!)) \times (3! - 2)) + 1) \\
 293745 &:= (((1 + 2)! + 3!) \times 4^5) - (6! - (7 \times (8! - 9))) &= (((9 + 8) \times (7! - 6!)) + 5) \times 4 - (3!^2 - 1) \\
 293746 &:= (1 - ((2 - 3!) \times (4! \times 5! - 6))) + (7 \times 8! + 9) &= (9 + 8! \times 7) - (((6 - (5! \times 4!)) \times (3! - 2)) - 1) \\
 293747 &:= 1 \times (2 - ((3! \times (4 - (5 \times 6! + (7! + 8!)))) - 9)) &= (9 \times (8!/7)) + (((6!/5!) \times ((4!/3!) - 2)) - 1) \\
 293748 &:= 1 + (2 - ((3! \times (4 - (5 \times 6! + (7! + 8!)))) - 9)) &= (((9 + (8!/(7!/6!))) - 5!) \times 4) \times (3! \times 2 + 1) \\
 293749 &:= (((1 + 2)! \times 3!) - 4) \times 5) + ((6 \times (7! + 8!)) + 9) &= (9 \times (8!/7)) + (((6!/5!) \times ((4!/3!) - 2)) + 1) \\
 293750 &:= 1 \times 2 \times (3 - (4 \times (5 \times 6! - (7 + 8! - 9)))) &= (((9 + 8) \times (7! - 6!)) - 5) \times 4 + 3^2 + 1 \\
 293751 &:= (1 + (2^3! \times 4)) \times ((5! + (6 - (7 - 8))) \times 9) &= (((9 + 8) \times (7! - 6!)) - 5) \times 4 + ((3! \times 2) - 1) \\
 293752 &:= (1 + 2 \times 3!) - (((4! + 5) \times (6 \times 7! - 8!)) + 9) &= 9 - (((8 - ((7 \times (6! \times (5 + 4!))) + 3!)) \times 2) + 1) \\
 293753 &:= (1 \times 2 + (3!/4 \times 5!)) + ((6 \times (7! + 8!)) - 9) &= ((9 + (8! + 7!)) \times 6) + (((5!/4) \times (3! - 2)) - 1) \\
 293754 &:= 1 \times 2 \times (3! + ((4! \times (5! - 6! + 7!)) + 8! - 9)) &= 9 + 8! - (((7 - (6! \times 5! + (4!/3!)) \times 2) + 1) \\
 293755 &:= ((1 + (((2 \times 3! \times 4!) + 5!) \times 6!)) - 7) - (8 - 9) &= ((9 + (8! + 7!)) \times 6) + (((5!/4) \times (3! - 2)) + 1) \\
 293756 &:= 1 \times 2 \times (3! - (4 \times (5 \times 6! - (7 + 8! - 9)))) &= 9 + 8! - (((7 - (6! \times 5! + (4!/3!)) \times 2) - 1) \\
 293757 &:= 1 \times 2 - (3! \times 4! + (5 + ((6! - 7!) \times 8 \times 9))) &= (9 \times (8! - (7! + (6! - 5)))) - (4! \times (3! + 2 \times 1)) \\
 293758 &:= (1 - ((2 + 3!) \times 4!)) + ((5 - (6! + 7! - 8!)) \times 9) &= (9 \times (8! - (7! + (6! - 5)))) - ((4! \times (3! + 2)) - 1) \\
 293759 &:= (1 \times 2 \times (((3 + 4)! - (5 - 6!))) + (7 \times 8! + 9) &= (9 \times (8! - 7!)) - (6! \times 5) - (((4!/3!)/2) + 1) \\
 293760 &:= (1 + ((2 + 3^4) \times (5 \times 6!))) - (7! - 8 + 9) &= (((9 \times (8! - 7!)) - 6!)/5) \times 4 + (3! + 2 \times 1)! \\
 293761 &:= (1 - ((2 + 3!) \times (4! \times 5!))) - (6! + ((7! - 8!) \times 9)) &= 9 + 8! - 7 + (((6! \times 5! + (4!/3!)) \times 2) - 1) \\
 293762 &:= (1 \times 2 - 3!) + (4! \times (5! + ((6! + 7!/8) \times 9))) &= (9 \times (8! - (7! + (6! + 5)))) - ((4! \times (3! - 2)) + 1) \\
 293763 &:= ((1 \times 2 - 3!) \times 4!) - ((5 + (6! + 7! - 8!)) \times 9) &= 9 + 8! - 7 + (((6! \times 5! + (4!/3!)) \times 2) + 1) \\
 293764 &:= (1 + (2 \times (3! + ((4! \times (5! - 6! + 7!)) + 8!)))) - 9 &= (9 \times (8! - (7! + (6! + 5)))) - ((4! \times (3! - 2)) - 1) \\
 293765 &:= ((1 + (2 \times (3! - 4))) \times 5) \times (6 \times 7 + (8 - 9)) &= (9 + 8! - 7!) + ((6 \times 5! - 4) \times (3!/2 + 1)) \\
 293766 &:= (1 - 2 \times 3!) \times (4! - ((5 \times 6! - 7!/8) \times 9)) &= (((9 \times (8!/7)) + 6) \times 5) + (4! \times (3! \times 2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 293767 &:= 1 - (2 \times (3! - ((4! \times (5! - 6! + 7!)) + 8! + 9))) &= (9 + 8! \times 7) - ((6! \times (5 - (4! - 3))) + 2 \times 1) \\
 293768 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times 6!)) - (7 \times (8 - 9)) &= (9 + (8! + 7!)) - ((6! \times ((5!/4) - 3!)/2) + 1) \\
 293769 &:= (1 - (2 \times ((3!! - 4!) + 5^6))) \times ((7 - 8) \times 9) &= (9 \times 8 \times (7!/6)) + (((5! \times 4) + 3)^2 \times 1) \\
 293770 &:= (1 + 2 \times 3!!) - (((4! + 5) \times (6 \times 7! - 8!)) - 9) &= (9 + (8! + 7!)) - ((6! \times ((5!/4) - 3!)/2) - 1) \\
 293771 &:= (1 \times 2 + (3!!/4 \times 5!)) + ((6 \times (7! + 8!)) + 9) &= (9 \times (8 + (7! \times 6))) + (((5!/4) \times (3!! - 2)) - 1) \\
 293772 &:= ((1 + 2) + (3!!/4 \times 5!)) + ((6 \times (7! + 8!)) + 9) &= (9 \times (8 + (7! \times 6))) + ((5!/4) \times (3!! - (2 \times 1))) \\
 293773 &:= (1 - 2 \times 3!) + (4! \times (5! + ((6! - 7) \times (8 + 9)))) &= (9 \times (8!/7)) + (((6!/5!) \times ((4!/3!) + 2)) + 1) \\
 293774 &:= 1 - (2 - ((3! \times (4 + (5 \times 6! + (7! + 8!)))) - 9)) &= ((9 + 8! - (7 + (6! \times 5))) \times (4!/3)) - 2 \times 1 \\
 293775 &:= ((1 + 2)! + (3!!/4 \times 5!)) + ((6 \times (7! + 8!)) + 9) &= (9 + (8! + 7)) + (((6! \times 5! + (4!/3!)) \times 2) - 1) \\
 293776 &:= (1 - ((2 - 3!) \times (4! \times 5! + 6))) + (7 \times 8! - 9) &= (9 \times (8! - 7!)) - ((6^5 + 4^{3!}) \times 2 \times 1) \\
 293777 &:= 1 \times 2 + ((3! \times (4 + (5 \times 6! + (7! + 8!)))) - 9) &= (9 + (8! + 7)) + (((6! \times 5! + (4!/3!)) \times 2) + 1) \\
 293778 &:= (1 - ((2 - 3!) \times (4 \times (5 + 6!)))) + (7 \times (8! - 9)) &= ((9 + 8! - (7 + (6! \times 5))) \times (4!/3)) + (2 \times 1) \\
 293779 &:= (1 - (2^{3 \times 4})) + (5^6 + (7 \times 8! + 9)) &= (9 \times (8!/7)) + ((6 \times ((5 + (4!/3!)) - 2)) + 1) \\
 293780 &:= 1 \times 2 + ((3^4 \times ((5 \times (6! + 7)) - 8)) - 9) &= (9 - 8) \times ((7! + ((6! + 5) \times 4)) \times (3!^2 + 1)) \\
 293781 &:= 1 \times ((2 \times (3! + ((4! \times (5! - 6! + 7!)) + 8!))) + 9) &= 9 - (8 - ((7! + ((6! + 5) \times 4)) \times (3!^2 + 1))) \\
 293782 &:= (1 + (2 \times (3! + ((4! \times (5! - 6! + 7!)) + 8!)))) + 9 &= 9 + 8! + (((7 + (6! \times 5! + (4!/3!)) \times 2) - 1) \\
 293783 &:= 1 + (2 \times (3 - (4 \times (5 \times 6! + (7 - 8! - 9)))))) &= (9 \times (8!/7)) + (((6!/5!) \times (4 + (3! + 2!)) - 1) \\
 293784 &:= (1 - ((2 + 3!) \times (4 - (5!/6)))) + (7 \times 8! - 9) &= 9 + 8! + (((7 + (6! \times 5! + (4!/3!)) \times 2) + 1) \\
 293785 &:= ((1 - ((2 + 3!) \times (4 - 5!))) + 6^7) - 8 \times 9 &= (9 \times (8!/7)) + (((6!/5!) \times (4 + (3! + 2!)) + 1) \\
 293786 &:= (((1 + 2)^{3!}) \times (4! - 5)) + (6^7 + 8) - 9 &= 9 - (((8!/7!) \times (6! \times 5 - ((4!/3!) + 2))) - 1) \\
 293787 &:= 1 - (2 \times (3! + ((4 \times (5 \times 6! - (7 + 8!))) + 9))) &= (((9 + 8) \times (7! - 6!)) + 5) \times 4 + (3! + (2 - 1)) \\
 293788 &:= 1 \times 2 \times (3! - (4 \times (5 \times 6! + (7 - 8! - 9)))) &= (9 \times (8!/7)) + ((6 \times (5 + (4!/3!)) - (2 \times 1)) \\
 293789 &:= (((1 + 2)! \times 3!!) + 4) \times 5 + ((6 \times (7! + 8!)) + 9) &= (((9 \times (8!/7)) + 6) \times 5) + ((4! \times 3!! \times 2) - 1) \\
 293790 &:= 1 \times 2 \times (3! + ((4! \times (5! - 6! + 7!)) + 8! + 9)) &= (((9 + 8) \times (7! - 6!)) + 5) \times 4 + 3^2 + 1 \\
 293791 &:= 1 \times (((2 - 3!) \times (4 - (5!/6))) + (7 \times (8! + 9))) &= (((9 \times (8!/7)) + 6) \times 5) + ((4! \times 3!! \times 2) + 1) \\
 293792 &:= (1 + ((2 - 3!) \times (4 - (5!/6)))) + (7 \times (8! + 9)) &= 9 - ((8 \times (7! - ((6 - (5! \times (4! - 3!)))/2))) + 1) \\
 293793 &:= (1 + 2) - (3! \times (4 - (5 \times 6! + (7! + 8! + 9)))) &= (((9 + 8!) \times 7) + 6!) + ((5!/4) \times (3!!/2 - 1)) \\
 293794 &:= (1 - ((2 - 3!) \times (4! \times 5! + 6))) + (7 \times 8! + 9) &= 9 - ((8 \times (7! - ((6 - (5! \times (4! - 3!)))/2))) - 1) \\
 293795 &:= 1 \times ((2 + (3! \times (((4 + 5!) \times 6! + 7 - 8!))) - 9) &= (9 \times (8 \times 7! - 6^5)) + (((4! + 3!)^2) - 1) \\
 293796 &:= 1 + ((2 + (3! \times (((4 + 5!) \times 6! + 7 - 8!))) - 9) &= (9 \times (8 \times 7! - 6^5)) + ((4! + 3!)^2 \times 1) \\
 293797 &:= ((1 + (2 \times (((3 + 4!)! + 5^6))) \times 7) + 8!/9) &= 9 + (8 + ((7! + ((6! + 5) \times 4)) \times (3!^2 + 1))) \\
 293798 &:= 1 \times (2 + ((3^4 \times ((5 \times (6! + 7)) - 8)) + 9)) &= ((9 + 8!) \times 7) - (((6 - (5! \times 4!)) \times (3! - 2)) + 1) \\
 293799 &:= 1 + (2 + ((3^4 \times ((5 \times (6! + 7)) - 8)) + 9)) &= (9 + (8! \times 7 + 6!)) + ((5!/4) \times (3!!/2 + 1)) \\
 293800 &:= ((1 + ((2 \times 3!) \times 4^5)) - 6!) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) - (((6 - (5! \times 4!)) \times (3! - 2)) - 1) \\
 293801 &:= 1 \times (((2 + 3!) \times (4 - (5 \times 6! - 7! \times 8))) + 9) &= (9 \times (8!/7)) + ((6 \times (5 + ((4!/3!) + 2))) - 1) \\
 293802 &:= 1 + (((2 + 3!) \times (4 - (5 \times 6! - 7! \times 8))) + 9) &= 9 - (((8!/7!) \times (6! \times 5 - (4 + (3! + 2!)))) - 1) \\
 293803 &:= 1 + (2 \times ((3 \times (4 + (5 \times 6! + (7! + 8!)))) + 9)) &= (9 \times (8!/7)) + ((6 \times (5 + ((4!/3!) + 2))) + 1) \\
 293804 &:= 1 - ((2 + 3!! \times 4!) - ((5 - (6! + 7! - 8!)) \times 9)) &= ((9 \times 8 \times (7! - 6!)) - 5) - ((4! \times (3!! - 2)) - 1) \\
 293805 &:= 1 \times ((2 - (3 \times (4! - ((5! \times (6! + 7))/8)))) \times 9) &= (9 \times (8! - 7!)) - (((6!/5 + (4 + 3!))^2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 293806 &:= 1 + ((2 - (3 \times (4! - ((5! \times (6! + 7))/8)))) \times 9) &= (9 \times (8! - (7! + (6! - 5)))) - ((4! \times 3!) - (2 - 1)) \\
 293807 &:= (1 \times 2 - (3!! \times 4!)) + ((5 - (6! + 7! - 8!)) \times 9) &= (9 \times 8 \times (7! - (6 \times 5!))) - ((4! \times (3!! - 2)) + 1) \\
 293808 &:= 1 - (((2 + 3!) \times (4! \times 5! + (6! - (7 + 8!)))) + 9) &= (9 \times (8 + ((7! + 6!) \times 5))) + (4! \times (3!! \times 2 - 1)) \\
 293809 &:= (1 + ((2 - 3!!) \times 4!)) - (((5! \times 6) - 7!) \times 8 \times 9) &= (9 \times 8 \times (7! - (6 \times 5!))) - ((4! \times (3!! - 2)) - 1) \\
 293810 &:= 1 \times (2 \times (3! - ((4 \times (5 \times 6! - (7 + 8!))) + 9))) &= 9 - (((8! - (7 + (6! \times (5! + 4)))) \times 3!) + (2 - 1)) \\
 293811 &:= 1 + (2 \times (3! - ((4 \times (5 \times 6! - (7 + 8!))) + 9))) &= (9 + 8! \times 7) - (6 \times (5! - (4^{3!}/2 - 1))) \\
 293812 &:= (((1 + 2)! \times 3!) - 4) \times 5 + ((6 \times 7! + 8) \times 9) &= ((9 \times 8 \times (7! - 6!)) + 5) - ((4! \times (3!! - 2)) + 1) \\
 293813 &:= 1 - (2 - (3!!/4 \times 5! + (6 \times (7! + 8! + 9)))) &= (9 + ((8 + (7! + (6! - 5!))) \times 4)) \times (3! \times 2 + 1) \\
 293814 &:= 1 - ((2 \times (3! + (4 \times (5 \times 6! - (7 + 8!)))) - 9) &= (((9 \times (8!/7)) + 6) \times 5) + (4! \times (3!! \times 2 + 1)) \\
 293815 &:= 1 - (((2 - 3!!) \times 45) - (6 \times 7 \times 8)) \times 9 &= ((9 + (8! + 7!)) \times 6) + (((5!/4) \times 3!) + (2 - 1)) \\
 293816 &:= 1 \times (2 + (3!!/4 \times 5! + (6 \times (7! + 8! + 9)))) &= (9 + 8! \times 7) - ((6 \times (5! - (4^{3!}/2))) + 1) \\
 293817 &:= 1 + (2 + (3!!/4 \times 5! + (6 \times (7! + 8! + 9)))) &= ((9 - 8) + (7! + ((6! + 5) \times 4))) \times (3!^2 + 1) \\
 293818 &:= ((1 + ((2 \times 3!) \times 4^5)) - 6!) + (7 \times 8! + 9) &= (9 + 8! \times 7) - ((6 \times (5! - (4^{3!}/2))) - 1) \\
 293819 &:= 1 + (2 \times (3!! + ((4! + 5) \times (6! \times 7 - 8 + 9)))) &= (((((9 + 8) \times (7! + 6!)) + (5 \times 4)) \times 3) - 2) + 1 \\
 293820 &:= (1 - (2 \times (3 + (4 \times (5 \times 6! - (7 + 8!)))))) + 9 &= (((9 + 8!) \times 7) + ((6! \times ((5! - 4!)/3!)) - 2)) - 1 \\
 293821 &:= (((1 + 2)!^{3!}/4) - (5!/6)) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + ((6! \times ((5! - 4!)/3!)) - 2)) \times 1 \\
 293822 &:= 1 \times (2 + (3 \times (4 \times 5 + ((6! + 7!) \times (8 + 9)))) &= ((9 + (8! + 7!)) \times 6) + (((5! + (4! + 3))^2) - 1) \\
 293823 &:= 1 - (2 \times (3! + ((4 \times (5 \times 6! - (7 + 8!))) - 9))) &= (9 + 8! \times 7) - (6 \times (5! - (4^{3!}/2 + 1))) \\
 293824 &:= (1 \times 2 + 3!) \times (4! - (5 \times 6! + (7 - 8! + 9))) &= ((9 + (8! + 7!)) \times 6) + (((5! + (4! + 3))^2) + 1) \\
 293825 &:= 1 \times 2 - (((3 - (4! - 5)) \times 6!) - (7 \times (8! + 9))) &= ((9 + 8!) \times 7) - ((6! \times (5 - (4! - 3))) - (2 \times 1)) \\
 293826 &:= 1 - (((2 + 3!) \times (4! \times 5! + (6! - (7 + 8!)))) - 9) &= 9 \times 8 - (7 - ((6! \times (5! + (4! \times 3! \times 2))) + 1)) \\
 293827 &:= (((1 + 2)! \times (3! + 4!)) - 5) + ((6 \times 7! + 8) \times 9) &= ((9 \times (8 + (7! + 6!))) - 5) + ((4!/3!) \times (2 + 1)!) \\
 293828 &:= 1 \times 2 \times (34 + ((5 \times 6! + 7!) \times (8 + 9))) &= (9 + ((8! + 7!) \times 6)) + (((5!/4) \times (3!! + 2)) - 1) \\
 293829 &:= ((1 + 2) \times (3!! \times 4! + 5)) + (6 \times (7! \times 8 + 9)) &= (9 + ((8! + 7!) \times 6)) + ((5!/4) \times (3!! + 2 \times 1)) \\
 293830 &:= (((1 + 2)!^{3!}/4) - 5) - (6 - (7 \times (8! - 9))) &= (9 + ((8! + 7!) \times 6)) + (((5!/4) \times (3!! + 2)) + 1) \\
 293831 &:= 1 \times ((2 \times (3 - (4 \times (5 \times 6! - (7 + 8!)))) + 9) &= (9 \times ((8 + 7!) \times 6) + 5!) + (((4!/3)!/2) - 1) \\
 293832 &:= (1 - (2 \times (3 + 4!))) \times (5! + (6 - ((7!/8) \times 9))) &= (9 + 8! - 7!) - (6! \times 5 - ((4^{3^2}) - 1)) \\
 293833 &:= (1 + (2 \times 3!! \times 4!)) + (((5 \times (6! + 7!)) + 8) \times 9) &= (9 \times ((8 + 7!) \times 6) + 5!) + (((4!/3)!/2) + 1) \\
 293834 &:= (1 \times 2 + (3!!/4 \times 5!)) + ((6 \times 7! + 8) \times 9) &= (9 + 8! - 7!) - (6! \times 5 - ((4^{3^2}) + 1)) \\
 293835 &:= ((1 + 2) + (3!!/4 \times 5!)) + ((6 \times 7! + 8) \times 9) &= (((9 + 8) \times (7! - 6!)) - (5 - 4!)) \times (3! - 2) - 1 \\
 293836 &:= ((1 + 2)!^{3!}) + (4 \times 5 \times ((6! + 7) \times (8 + 9))) &= 9 + (((((8! + (7 - (6! \times 5))) \times 4) + 3!) \times 2) - 1) \\
 293837 &:= 1 \times (((2 + (3 \times (4! \times 5!))) \times (6 \times 7 - 8)) + 9) &= (9 - ((8 - 7 \times 6) \times ((5! \times (4! \times 3)) + 2))) \times 1 \\
 293838 &:= 1 \times 2 \times (3 \times (4 + (5 \times 6! + (7! + 8! + 9)))) &= 9 + (((((8! + (7 - (6! \times 5))) \times 4) + 3!) \times 2) + 1) \\
 293839 &:= 1 \times (((((2 + 3)! - 4) \times 5!) + 6^7) - (8 + 9)) &= 9 \times 8 + (7 + (6! \times (5! + (4! \times (3! + (2 + 1)!)))))) \\
 293840 &:= 1 \times (2 + (3! \times (4 + (5 \times 6! + (7! + 8! + 9)))) &= (9 \times (8 + (7! \times 6))) + (((5! + (4! + 3))^2) - 1) \\
 293841 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times 6!) - (7!/8 + 9) &= (9 \times (8 + (7! \times 6))) + ((5! + (4! + 3))^2 \times 1) \\
 293842 &:= (((1 + 2)!^{3!}/4) - 5) + (6 + (7 \times (8! - 9))) &= (9 \times (8 + (7! \times 6))) + (((5! + (4! + 3))^2) + 1) \\
 293843 &:= (((1 + 2) \times 3!! + 4) \times 5) + (6! + (7 \times (8! + 9))) &= (((9 + 8!/7!) \times 6!) + 5) \times 4! - (3!^2 + 1) \\
 293844 &:= 1 \times 2 \times (3! - (4 \times (5 \times 6! - (7! \times 8 + 9)))) &= ((9 - (8 \times 7)) \times (6! - ((5! + (4!^3))/2))) \times 1
 \end{aligned}$$

$$\begin{aligned}
 293845 &:= (1 + 2^{3!}) + (4 \times (5 - ((6! - 7!) \times (8 + 9)))) &= (((9 + 8!/7!) \times 6!) + 5) \times 4! - (3!^2 - 1) \\
 293846 &:= 1 \times (2 \times (3! - ((4 \times (5 \times 6! - (7 + 8!))) - 9))) &= ((9 + 8!) \times 7) + (((6 + (5! \times 4!)) \times (3! - 2)) - 1) \\
 293847 &:= (1 + (((2 + 3!)! + 4^5) - 6) \times 7) + 8!/9 &= 9 \times ((8! + 7) - 6^5) + (4! \times (3!^2 + 1)) \\
 293848 &:= (1 + (((2 \times (3! + ((4! + 5) \times 6!))) - 7!) \times 8)) - 9 &= ((9 + 8!) \times 7) + (((6 + (5! \times 4!)) \times (3! - 2)) + 1) \\
 293849 &:= (1 + 2^{3!}) + (4! \times (5! + ((6! - 7) \times (8 + 9)))) &= (9 \times (8! - 7!)) + (6! - (((5 + 4!)^3) + 2 \times 1)) \\
 293850 &:= (1 - (((2 - 3!) \times (4 \times (5 + 6!))) - (7 \times 8!))) + 9 &= (9 + 8! \times 7) + (((6! + 5) \times (4! - (3! + 2))) + 1) \\
 293851 &:= 1 - (((2^{3!}) - (4 \times 5!)) \times 6!) + ((7!/8) \times 9) &= 9 \times (8! - (((7! \times 6) + 5!)/4)) - (3!! - (2 - 1)) \\
 293852 &:= 1 \times (2 + (3! \times (4! + (5 \times 6! + (7! + 8! - 9)))) &= ((9 \times (8! - (7! + (6! - 5)))) - (4! \times (3!! - 2))) - 1 \\
 293853 &:= 1 \times (((2 - 3!!) \times 4!) + ((5 - (6! + 7! - 8!)) \times 9)) &= (((9 + 8!) \times 7) + 6!) + ((5!/4) \times (3!!/2 + 1)) \\
 293854 &:= (1 + ((2 - 3!!) \times 4!)) + ((5 - (6! + 7! - 8!)) \times 9) &= ((9 \times (8! - (7! + (6! - 5)))) - (4! \times (3!! - 2))) + 1 \\
 293855 &:= 1 \times (((2 + 3)! - 4) \times 5!) + (6^7 + (8 - 9)) &= (((9 + 8!/7!) \times 6!) + 5) \times 4! - ((3! - 2)! + 1) \\
 293856 &:= ((1 + 2 \times 3!!) \times 4!) + (((5 \times (6! + 7!)) + 8) \times 9) &= (9 \times (8 + ((7! + 6!) \times 5))) + (4! \times (3!! \times 2 + 1)) \\
 293857 &:= 1 \times (((2 + 3)! - 4) \times 5!) + 6^7 - 8 + 9 &= (((9 + 8!/7!) \times 6!) + 5) \times 4! - ((3! - 2)! - 1) \\
 293858 &:= 1 \times 2 \times (3!! - (((4! + 5) \times (6 - 7! - 8)) + 9)) &= 9 \times ((8! + 7) - 6^5) + (((4! + 3!)^2) - 1) \\
 293859 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times 6!) - (7!/8 - 9) &= 9 \times ((8! + 7) - 6^5) + ((4! + 3!)^2 \times 1) \\
 293860 &:= 1 \times ((2 + 3)! - (4 \times (5 + ((6! - 7!) \times (8 + 9)))) &= 9 \times ((8! + 7) - 6^5) + (((4! + 3!)^2) + 1) \\
 293861 &:= (((1 + 2)^{3!})/4) + 5!/6) + (7 \times (8! - 9)) &= (((9 + 8) \times (7! - 6!)) - 5) \times 4 + (((3 + 2)!) + 1) \\
 293862 &:= (1 + 2)! + (3! \times (((4 + 5!) \times 6!) + (7 - 8! + 9))) &= 9 \times (8 + (7! \times 6)) + ((5!/4) \times (3!! + (2 - 1))) \\
 293863 &:= (1 - 2 \times 3!!) + (((4 \times 5!) - 6) \times (7 \times 89)) &= 9 - (((8 + (7 \times (6 - 5!))) - 4!) \times (3!!/2 + 1)) \\
 293864 &:= (1 \times 2 + 3!) \times (4 - (5 \times 6! - (7! \times 8 + 9))) &= 9 - ((8 \times (7! - ((6 + ((5 + 4!) \times 3!!)) \times 2))) + 1) \\
 293865 &:= 1 \times (((2 \times (3! + ((4! + 5) \times 6!))) - 7!) \times 8) + 9 &= ((9 + 8!) \times 7) - (6 \times (5! - (4^{3!}/2 - 1))) \\
 293866 &:= (1 + (((2 \times (3! + ((4! + 5) \times 6!))) - 7!) \times 8)) + 9 &= 9 - ((8 \times (7! - ((6 + ((5 + 4!) \times 3!!)) \times 2))) - 1) \\
 293867 &:= 1 \times ((2 \times (3!! - ((4! + 5) \times (6 - 7! - 8)))) - 9) &= (((9 + 8!/7!) \times 6!) + 5) \times 4! - (3! \times 2 + 1) \\
 293868 &:= (1 + (2 \times (3!! - ((4! + 5) \times (6 - 7! - 8)))) - 9 &= (9 \times (8!/7)) - (6 \times (5 - (4! + ((3! + 2)! - 1)))) \\
 293869 &:= 1 - (2 \times (3! \times (((4! + 5) \times 6!) - (7! + 8! + 9))) &= (((9 + 8!/7!) \times 6!) + 5) \times 4! - ((3! \times 2) - 1) \\
 293870 &:= 1 \times (2 + ((3 + 4!) \times (((5 + 6!) \times (7 + 8)) + 9)) &= (((9 + 8!/7!) \times 6!) + 5) \times 4! - (3^2 + 1) \\
 293871 &:= 1 \times (((2 \times 3!) \times 4^5) - (6! - (7 \times (8! + 9)))) &= (9 + (8! - 7) \times 6) + ((5! + 4!) \times (3!!/2 + 1)) \\
 293872 &:= ((1 + ((2 \times 3!) \times 4^5)) - 6!) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) - ((6 \times (5! - (4^{3!}/2))) - 1) \\
 293873 &:= 1 \times (((2 + 3)! - 4) \times 5!) + (6^7 + 8 + 9) &= ((9 + (8! + 7!)) \times 6) + (((5!/4) \times (3!! + 2)) - 1) \\
 293874 &:= (1 + 2)! \times (3! + (4 + (5 \times 6! + (7! + 8! + 9)))) &= (9 \times (8!/7)) + (6 \times (((5 \times 4) + (3! + 2)! - 1)) \\
 293875 &:= (((1 + 2)^{3!})/4) - (5!/6 - (7 \times 8!)) - 9 &= ((9 + (8! + 7!)) \times 6) + (((5!/4) \times (3!! + 2)) + 1) \\
 293876 &:= 1 + (2 - (3! - (((4! \times 5! \times 6) + 7) \times (8 + 9)))) &= 9 + ((8! \times 7 + (((6^5 - 4!) \times 3)/2)) - 1) \\
 293877 &:= (((1 + 2)!)! \times (3! + 4!)) + ((5 + (6 \times 7! + 8)) \times 9) &= ((9 + 8!) \times 7) - (6 \times (5! - (4^{3!}/2 + 1))) \\
 293878 &:= ((1 + 2)! \times (((3 \times 4!) - 5) \times 6!) - 7) + 8!/9 &= 9 + (8! \times 7 + (((6^5 - 4!) \times 3)/2 + 1)) \\
 293879 &:= (1 + 2)!! - (3!! - (((4! \times 5! \times 6) + 7) \times (8 + 9))) &= (9 \times (8!/7)) + ((6 \times ((5 \times 4) + (3! + 2)!)) - 1) \\
 293880 &:= (((1 - (2 + 3!) \times 4!) \times 5!) - 6!) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - 6!) - (5! \times ((4! \times (3! + 2)) - 1)) \\
 293881 &:= 1 \times 2 - (((3!! \times (4! \times (5 - 6))) - 7) \times (8 + 9)) &= (9 \times (8!/7)) + ((6 \times ((5 \times 4) + (3! + 2)!)) + 1) \\
 293882 &:= (1 \times 2 - (3!! \times 4! - 5!)) - ((6! - 7!) \times 8 \times 9) &= (((9 + (8! + (7 - (6! \times 5)))) \times 4) - 3) \times 2 \times 1 \\
 293883 &:= 1 - (2 \times (3 + (4 \times (5 \times 6! - (7 + 8! + 9)))) &= ((9 + 8! \times 7) - 6) + (5! \times ((4 \times (3! - 2)! + 1))
 \end{aligned}$$

$$\begin{aligned}
 293884 &:= (((1+2)!^{3!})/4) - 5) - (6 - (7 \times 8! - 9)) &= 9 + (((8! \times 7!/6!) - 5!)/4!) \times ((3! - 2)! + 1) \\
 293885 &:= (1 \times 2 \times (3!! - ((4! + 5) \times (6 - 7! - 8)))) + 9 &= (((((9 + 8!/7!) \times 6!) + 5) \times 4!) + 3) + (2 \times 1) \\
 293886 &:= (1 + (2 \times (3!! - ((4! + 5) \times (6 - 7! - 8)))) + 9 &= ((9 + (8! + (7 - (6! \times 5)))) \times (4!/3)) - 2 \times 1 \\
 293887 &:= 1 + (2 \times ((3 \times (4! + (5 \times 6! + (7! + 8!)))) - 9)) &= (((9 + 8!/7!) \times 6!) + 5) \times 4! + (3! + (2 - 1)) \\
 293888 &:= (1 + ((2 + 3!) \times (4! - (5 \times 6! + 7 - 8!)))) - 9 &= 9 - (((8 + (7 \times (6 - 5!))) \times ((4! + 3!)/2)) + 1) \\
 293889 &:= (((1+2)! \times (3 \times 4!)) + 5!) + ((6 \times 7! \times 8) + 9) &= (((9 + 8) \times (7! + (6! \times 5 + 4))) - 3) \times 2 - 1 \\
 293890 &:= 12 + ((3! - (4^5 + 6! - 7!)) \times 89) &= (((9 + 8!/7!) \times 6!) + 5) \times 4! + 3^2 + 1 \\
 293891 &:= 1 \times (2 \times 3! + (((4! \times 5! \times 6) + 7) \times (8 + 9))) &= (9 \times (8 + (7! \times 6))) + (((5!/4) \times (3!! + 2)) - 1) \\
 293892 &:= (((1+2)! \times (3 \times 4!)) + 5!) - (6 \times (7 - 8! - 9)) &= (((9 + 8!/7!) \times 6!) + 5) \times 4! + (3! \times 2) \times 1 \\
 293893 &:= (((1+2)!^{3!})/4) - (5!/6 - (7 \times 8!)) + 9 &= (9 \times (8 + (7! \times 6))) + (((5!/4) \times (3!! + 2)) + 1) \\
 293894 &:= 1 \times (2 \times (3 - (4 \times (5 \times 6! - (7 + 8! + 9)))) &= (9 + (((8 + 7! - 6) \times (5 + 4!)) + 3!)) \times 2 \times 1 \\
 293895 &:= 1 + (2 \times (3 - (4 \times (5 \times 6! - (7 + 8! + 9)))) &= (9 + 8! \times 7 + 6) + (5! \times ((4 \times (3! - 2)! + 1)) \\
 293896 &:= (((1+2)!^{3!})/4) - 5) + ((6 + 7 \times 8!) - 9) &= (9 \times ((8! + 7) - (6^5 - 4!))) + (3!! + (2 - 1)) \\
 293897 &:= (1 - (((2 - 3^4) \times 5!) - 6^7)) + 8!/9 &= (9 \times ((8! + 7) - (6^5 - 4!))) + (3!! + 2 \times 1) \\
 293898 &:= ((1 + 2) + (3! \times (4! + (5 \times 6! + (7! + 8!)))) - 9 &= (9 \times (8!/7)) + ((6!/5!) \times (4! + ((3! + 2)! - 1))) \\
 293899 &:= (((1+2)! - 3!!) \times 4!) - 5) - ((6! - 7!) \times 8 \times 9) &= (((9 + 8) \times (7! - 6!)) + 5) \times 4 + (((3 + 2)! - 1) \\
 293900 &:= 1 \times 2 \times (3! - (4 \times (5 \times 6! - (7 + 8! + 9)))) &= (((9 + (8! + (7 - (6! \times 5)))) \times 4) + 3!) \times 2 \times 1 \\
 293901 &:= (((1+2)! \times 3^4)/5) + 6) + (7 \times 8! - 9) &= (((9 + 8) \times (7! - 6!)) + 5) \times 4 + (((3 + 2)! + 1) \\
 293902 &:= (((1+2)!^{3!})/4) - 5) - (6 - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) + (((6! + 5) \times (4! - (3! + 2))) - 1) \\
 293903 &:= 1 \times (((2 \times 3! + 4) \times (5 + 6!)) + (7 \times (8! + 9))) &= (((9 + 8!/7!) \times 6!) + 5) \times 4! + ((3! - 2)! - 1) \\
 293904 &:= 1 + (((2 \times 3! + 4) \times (5 + 6!)) + (7 \times (8! + 9))) &= 9 + (((8! - ((7 + (6! \times 5)) - 4!)) \times (3! + 2)) - 1) \\
 293905 &:= (1 + ((2 \times 3!)^4)) + ((5! + (6 \times 7! - 8)) \times 9) &= (((9 + 8!/7!) \times 6!) + 5) \times 4! + ((3! - 2)! + 1) \\
 293906 &:= (1 + ((2 + 3!) \times (4! - (5 \times 6! + 7 - 8!)))) + 9 &= (9 + 8! \times 7) + (((6^5 - 4) \times 3)/2) - 1) \\
 293907 &:= (1 + (2 \times (((3^4 + 5!) \times 6!) - 7))) + 8!/9 &= (((9 + 8! \times 7) - 6) + ((5! - (4 \times 3))^2)) \times 1 \\
 293908 &:= 1 \times (2 \times (3! + ((4 + (5 \times 6! + 7!)) \times (8 + 9)))) &= (9 + 8! \times 7) + (((6^5 - 4) \times 3)/2) + 1) \\
 293909 &:= (((1+2)! - 3!!) \times 4!) + 5) - ((6! - 7!) \times 8 \times 9) &= ((9 - 8) + (((7 + 6!) - 5!) \times 4)) \times (((3 + 2)! + 1) \\
 293910 &:= (1 + 2) \times (((3! + 4) \times 5) + ((6! + 7!) \times (8 + 9))) &= 9 - (8 + ((7 + (6! + 5!)) \times (((4! - 3!)/2) + 1))) \\
 293911 &:= (((1+2)!^{3!})/4) - 56) + (7 \times (8! + 9)) &= (9 + 8! \times 7) + (((6^5/4) \times 3!) - (2 \times 1)) \\
 293912 &:= (((1+2)!^{3!})/4) + 5) - (6 - (7 \times 8! + 9)) &= ((9 + 8) \times ((7!/6!)^5)) + ((4^3! \times 2) + 1) \\
 293913 &:= (1 + 2 \times 3! \times 4!) \times ((5! - (6 - (7 - 8))) \times 9) &= (9 + 8 \times 7! \times 6) + ((5! + 4!) \times (3!/2 + 1)) \\
 293914 &:= ((1 + (2 \times ((3^4 + 5!) \times 6!))) - 7) + 8!/9 &= ((9 + 8) \times (7 + (6 \times (5! \times 4)))) + (3!^2 - 1) \\
 293915 &:= (1 \times 2 + (3! \times (4! + (5 \times 6! + (7! + 8!)))) + 9 &= (((9 + 8!/7!) \times 6!) + 5) \times 4! + 3!^2 - 1) \\
 293916 &:= ((1 + 2) + (3! \times (4! + (5 \times 6! + (7! + 8!)))) + 9 &= (((9 + 8!/7!) \times 6!) + 5) \times 4! + 3!^2 \times 1 \\
 293917 &:= -1 - ((2 + (((3 \times 4!) - 5) \times (6! - 7!))) - 8!/9) &= (((9 + 8!/7!) \times 6!) + 5) \times 4! + 3!^2 + 1) \\
 293918 &:= ((1 + ((2 - 3 \times 4!) \times (5! - 6!))) \times 7) - 89 &= (9 + 8! \times 7) + ((6 + ((5! - (4 \times 3))^2)) - 1) \\
 293919 &:= 1 - ((2 + (((3 \times 4!) - 5) \times (6! - 7!))) - 8!/9) &= ((9 + 8! \times 7 + 6) + ((5! - (4 \times 3))^2)) \times 1 \\
 293920 &:= (1 - 2 \times 3!) \times ((4! - 5!) - ((6^7 - 8!)/9)) &= (((9 - (8 \times 7)) + 6!) - 5) \times (((4! - 3!)^2) - 1) \\
 293921 &:= (1 - ((2 - 3^4) \times (5 \times 6!))) + (7! + 8!/9) &= (9 \times (8 \times 7! - 6^5)) + ((4^{3+2}) + 1) \\
 293922 &:= (1 \times 2 - (((3 \times 4!) - 5) \times (6! - 7!))) + 8!/9 &= (9 \times ((8! + 7) - (6^5 - (4! + 3)))) + ((2 + 1)!!)
 \end{aligned}$$

$$\begin{aligned}
 293923 &:= (1 + (2 \times (3!! - 4!))) \times (5 \times 6 \times 7 - 8 + 9) &= (((((9 + 8) \times (7! + 6!)) + 54) \times 3) + 2) - 1 \\
 293924 &:= (((1 + 2)!^{3!}/4) + 5) + (6 + (7 \times 8! + 9)) &= (9 \times (8! - 7!)) - (((6! - 5) \times (4! + 3^2)) + 1) \\
 293925 &:= (((1 + 2)!^{3!}/4) + (5 \times 6)) + (7 \times 8! - 9) &= (9 \times (8! - 7!)) + ((6! - 5) \times (4 - (3!^2 + 1))) \\
 293926 &:= (1 + 2)! - (((3 \times 4!) - 5) \times (6! - 7!)) - 8!/9 &= (9 \times (8! - 7!)) - (((6! - 5) \times (4! + 3^2)) - 1) \\
 293927 &:= 1 \times (((((2 + 3!! \times 4) \times (5 + 6)) + 7!) \times 8) - 9) &= ((9 \times 8 \times (7! - 6!)) + 5!) - ((4! \times (3!! - 2)) + 1) \\
 293928 &:= (1 + ((2 \times ((3^4 + 5!) \times 6!)) + 7)) + 8!/9 &= (9 \times (8!/7)) + (6 \times (5 + (4! + ((3! + 2)! - 1)))) \\
 293929 &:= (1 + ((2 + (3!!/4) \times 5!)) + ((6 \times 7! - 8) \times 9) &= ((9 \times 8 \times (7! - 6!)) + 5!) - ((4! \times (3!! - 2)) - 1) \\
 293930 &:= (((1 \times 2 + 3!)! + (4^5 + 6)) \times 7) + 8!/9 &= ((9 + 8!) \times 7) + (((6^5 - 4!) \times 3)/2) - 1) \\
 293931 &:= (1 + (((2 + 3!)! + (4^5 + 6)) \times 7)) + 8!/9 &= (9 + 8! - ((7 \times 6^5)/4)) \times ((3! \times 2) - 1) \\
 293932 &:= 1 + ((2 - (((3!! - 4!) \times (5 + 6)) + 7 - 8!)) \times 9) &= ((9 + 8!) \times 7) + (((6^5 - 4!) \times 3)/2) + 1) \\
 293933 &:= (((1 + 2)!^{3!}/4) + (5!/6 + 7 \times 8!)) + 9 &= ((9 \times ((8! + ((7 - 6!) \times 5)) - 4^{3!})) + 2) \times 1 \\
 293934 &:= 1 \times ((2 \times (((3^4 + 5!) \times 6!) + 7)) + 8!/9) &= ((9 \times ((8! + ((7 - 6!) \times 5)) - 4^{3!})) + 2) + 1 \\
 293935 &:= (1 + (2 \times (((3^4 + 5!) \times 6!) + 7))) + 8!/9 &= ((9 \times (8!/7)) + (6 \times (5 + (4! + (3! + 2)!)))) + 1 \\
 293936 &:= 1 \times ((2 + 3!) \times (4! - (5 \times 6! - (7 + 8! - 9)))) &= ((9 + 8) \times (7 + ((6 \times (5! \times 4!)) + 3))) + (2 + 1)! \\
 293937 &:= (((1 + (2 + 3!)!) + (4^5 + 6)) \times 7) + 8!/9 &= (((9 + 8!) \times 7) - 6) + (5! \times ((4 \times (3! - 2)! + 1))) \\
 293938 &:= (1 + (((23 \times 4) \times 5!) + 6!)) + (7 \times (8! - 9)) &= 9 - (((8 - 7 \times 6) \times (5 + (4! \times 3!!/2))) + 1) \\
 293939 &:= (((((1 + 2)! \times (3 \times 4)) + 5) \times (6 \times 7 - 8)) + 9) &= (9 \times (8!/7)) + ((6 \times ((5!/4) + (3! + 2)!)) - 1) \\
 293940 &:= (1 \times 2 - 3! \times 4!) \times (5 \times 6! - ((7!/8) \times 9)) &= (((9 \times (8!/7)) - (6 \times 5!))/4) \times ((3! - 2)! - 1) \\
 293941 &:= 1 - ((2 - (3! + 456)) \times (7!/8 + 9)) &= (9 \times (8!/7)) + ((6 \times ((5!/4) + (3! + 2)!)) + 1) \\
 293942 &:= 1 \times (2 + (((3!! \times 4 - 5!)/6) \times (7!/8 + 9))) &= ((9 + (((8! \times 7)/6!) + 5)) \times (4 + 3!!)) - 2 \times 1 \\
 293943 &:= 1 + (2 + (((3!! \times 4 - 5!)/6) \times (7!/8 + 9))) &= ((9 + 8!) \times 7!/6!) - (5! \times (4! - (((3 + 2)! + 1))) \\
 293944 &:= (1 + ((2 + 3!) \times (4! - (5 \times 6! - 7! \times 8)))) - 9 &= 9 + ((8 \times (7! + ((6 + 5) \times ((4 \times 3!!) + 2)))) - 1) \\
 293945 &:= 1 \times 2 - (3 \times (4! - ((5 + (6! + 7!)) \times (8 + 9)))) &= (((9 + (((8! \times 7)/6!) + 5)) \times (4 + 3!!)) + 2) - 1 \\
 293946 &:= 1 \times (((2 + (3!!/4) \times 5!) + (6 \times (7! + 8! - 9))) &= (((9 + (((8! \times 7)/6!) + 5)) \times (4 + 3!!)) + 2) \times 1 \\
 293947 &:= (1 + ((2 + (3!!/4) \times 5!)) + (6 \times (7! + 8! - 9))) &= (((9 + (((8! \times 7)/6!) + 5)) \times (4 + 3!!)) + 2) + 1 \\
 293948 &:= 1 - ((2 - ((3! \times (4! \times 5!)) + (6 + 7))) \times (8 + 9)) &= 9 + ((8! \times 7 + (((6^5 + 4!) \times 3)/2)) - 1) \\
 293949 &:= (((1 + 2)! - 3!!) \times 4!) + ((5 - (6! + 7! - 8!)) \times 9) &= (((9 + 8!) \times 7) + 6) + (5! \times ((4 \times (3! - 2)! + 1))) \\
 293950 &:= 1 + (2 + (((3 + 4! \times 5!) \times 6) - 7) \times (8 + 9)) &= 9 + (8! \times 7 + (((6^5 + 4!) \times 3)/2) + 1) \\
 293951 &:= (12 \times 3!) + (((4! \times 5! \times 6) + 7) \times (8 + 9)) &= ((9 + 8) + (7!/(6!/5!))) \times ((4 + 3)^{2+1}) \\
 293952 &:= (1 \times 2^{3!}) \times (((4 - 5 + 6))! - (7 - 8!/9)) &= ((9 \times (8 + (7! + 6!))) + 5!) + (((4!/3!) \times (2 + 1)! \\
 293953 &:= (1 - ((2 - (3!!/4) \times 5!)) + (6 \times ((7! + 8) \times 9))) &= 9 - ((8!/7!) \times (6! \times 5 - (4! + ((3! + 2)! - 1)))) \\
 293954 &:= (1 + (23^4)) + (((5! \times (6 + 7)) + 8) \times 9) &= (9 + ((8 \times 7) \times (65 + ((4! \times 3)^2)))) + 1 \\
 293955 &:= (((1 + 2)!^{3!}/4) + (5! - 6)) + (7 \times (8! - 9)) &= (9 + ((8! + 7) \times 6)) + ((5! + 4!) \times (3!!/2 + 1)) \\
 293956 &:= (((1 + 2)!^{3!}/4) - 5) - (6 - (7 \times (8! + 9))) &= ((9 + (8! + (7! + (6! \times 5 + 4!)))) \times 3!) - 2 \times 1 \\
 293957 &:= 1 - (2 - (3! \times (4! + (5 \times 6! + (7! + 8! + 9)))) &= 9 + (8 + (7! + (((6! \times 5)/4) \times 321))) \\
 293958 &:= 1 \times 2 \times (3 \times (4! + (5 \times 6! + (7! + 8! + 9)))) &= ((9 + 8 \times 7!) \times 6) + ((5! + 4!) \times (3!!/2 + 1)) \\
 293959 &:= 1 \times ((2 - 3^4) \times (5 - (6 \times (7!/8 - 9)))) &= (((9 + (8! + (7! + (6! \times 5 + 4!)))) \times 3!) + 2) - 1 \\
 293960 &:= 1 + ((2 - 3^4) \times (5 - (6 \times (7!/8 - 9)))) &= ((9 + 8!) \times 7) + (((6^5 - 4) \times 3)/2) - 1) \\
 293961 &:= 1 \times (((2 + 3!) \times (4! - (5 \times 6! - 7! \times 8))) + 9) &= (((9 + (8! + (7! + (6! \times 5 + 4!)))) \times 3!) + 2) + 1
 \end{aligned}$$

$$\begin{aligned}
 293962 &:= (1 + ((2 + 3!) \times (4! - (5 \times 6! - 7! \times 8)))) + 9 &= ((9 + 8!) \times 7) + (((6^5 - 4) \times 3)/2) + 1 \\
 293963 &:= (1 - ((23 \times 4^5) + 6)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7654)) - (32 - 1) \\
 293964 &:= (1 + 2)! + (3! \times (4! + (5 \times 6! + (7! + 8! + 9)))) &= (9 - 8) \times (((7! - 6!/5)/4!) \times (3!! \times 2 + 1)) \\
 293965 &:= ((1 + 2)!)! + ((3^4 \times (5 \times (6! - 7))) + 8!/9) &= 9 - (8 - (((7! - 6!/5)/4!) \times (3!! \times 2 + 1))) \\
 293966 &:= (((1 + 2)!^{3!})/4) + 5) - (6 - (7 \times (8! + 9))) &= ((9 + 8) \times (7!/6! + (5 + 4! \times 3!!))) + (2 \times 1) \\
 293967 &:= (((1 + 2)!^{3!})/4) + (5! + 6)) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - 6^5) + ((4! + 3) \times (2 + 1)!) \\
 293968 &:= 1 \times ((2 + 3!) \times (4! - (5 \times 6! + (7 - 8! - 9)))) &= (9 - (8! + ((7 - 6!) \times 5))) \times (4! - (32 \times 1)) \\
 293969 &:= 1 + ((2 + 3!) \times (4! - (5 \times 6! + (7 - 8! - 9)))) &= 9 - ((8!/7!) \times (6! \times 5 - (4! + ((3! + 2)! + 1)))) \\
 293970 &:= (1 + 2)! \times (((3!! + 4) \times 5) + (6 + (7! + 8! + 9))) &= ((9 + 8!) \times 7) + (((6^5/4) \times 3!) + (2 + 1)) \\
 293971 &:= ((-1 + 2 \times 3!) \times (4 \times (5 + (6! + 7!)))) + (8! - 9) &= (9 \times (8! - 7654)) - ((3! - 2)! - 1) \\
 293972 &:= (((1 + (2 + 3)!) \times (4 - 5!)) - 6^7) \times (8 - 9) &= ((9 + 8!) \times 7) + ((6 + ((5! - (4 \times 3))^2)) - 1) \\
 293973 &:= (((1 + 2)!)! \times 3^4)/5) + 6) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + 6) + ((5! - (4 \times 3))^2) \times 1 \\
 293974 &:= 1 \times (2 \times (3 - (4 \times ((5 \times (6! - 7)) - 8! + 9)))) &= ((9 + 8!) \times 7) + (6 + (((5! - (4 \times 3))^2) + 1)) \\
 293975 &:= 1 + (2 \times (3 - (4 \times ((5 \times (6! - 7)) - 8! + 9)))) &= (9 \times ((8^{(7-6) \times 5} - 4!)) - (3!! + (2 - 1))) \\
 293976 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times 6!) - (7 \times 8 \times 9) &= (9 \times ((8! - 7!) - (6^5 + 4!))) + (3!^{(2+1)!}) \\
 293977 &:= (((1 + (2 + 3)!) - 4) \times 5!) + 6^7) - 8) + 9 &= (9 \times ((8^{(7-6) \times 5} - 4!)) - (3!! - (2 - 1))) \\
 293978 &:= (((1 + 2)!^{3!})/4) + 5) + (6 + (7 \times (8! + 9))) &= (9 \times ((8^{(7-6) \times 5} - 4!)) - (3!! - (2 \times 1))) \\
 293979 &:= 1 + (2 - (((3!! - 4!) \times (5 + 6)) - 7! \times 8) \times 9) &= (((9 + 8) \times ((7 + 6) + (5! \times (4! \times 3!)))) - 2) \times 1 \\
 293980 &:= 1 \times (2 \times (3! - (4 \times ((5 \times (6! - 7)) - 8! + 9)))) &= (((9 + 8) \times ((7 + 6) + (5! \times (4! \times 3!)))) - 2) + 1 \\
 293981 &:= 1 + (2 \times (3! - (4 \times ((5 \times (6! - 7)) - 8! + 9)))) &= 9 + (8 + (((7! - 6!/5)/4!) \times (3!! \times 2 + 1))) \\
 293982 &:= 1 \times (2 \times ((3!! - 4!) + ((5^6 + 7!/8) \times 9))) &= (9 \times ((8! + 7) - 6^5)) + ((4^{3+2}) - 1) \\
 293983 &:= 1 + (2 \times ((3!! - 4!) + ((5^6 + 7!/8) \times 9))) &= ((9 + 8) \times ((7 + 6) + (5! \times (4! \times 3!)))) + (2 \times 1) \\
 293984 &:= (1 + ((2 - 3 \times 4!) \times (5! + 6! - 7!))) - (8 + 9) &= 9 + ((8! - ((7 + (6!/5!))^4)) \times ((3! - 2)! + 1)) \\
 293985 &:= (((1 + 2) \times 3!! - 4) \times 5!) - 6) - (7! - 8! + 9) &= ((9 + 8!) \times 7) + (((6^5/4) + 3) \times (2 + 1)!) \\
 293986 &:= (1 - 2 \times 3!) \times (4 - ((5 \times 6! - 7!/8) \times 9)) &= (98/7) \times ((6! \times (5 + 4!)) + (((3 + 2)! - 1)) \\
 293987 &:= (((1 + 2)!^{3!})/4) + 5!/6) + (7 \times (8! + 9)) &= ((9 + 8) \times (7 + (6 \times ((5! \times 4!) - 3!)))) + ((2 + 1)!) \\
 293988 &:= (1 + 2)! \times (((3!! + 4) \times 5) - ((6 - 7! - 8) \times 9)) &= ((9 \times (8 + 7! - 6)) + (5 \times (4 + 3!))) \times (2 + 1)! \\
 293989 &:= -1 - (((2 + 3!!) \times (4! + 5)) - ((6^7/8) \times 9)) &= (9 \times (8! - 7!)) - (((65 \times (4 + 3!))/2) + 1) \\
 293990 &:= ((1 + ((2 - 3 \times 4!) \times (5! - 6!))) \times 7) - (8 + 9) &= (9 + 8 - 7) \times (((6! - 5!) \times ((4 + 3)^2)) - 1) \\
 293991 &:= 1 - (((2 + 3!!) \times (4! + 5)) - ((6^7/8) \times 9)) &= ((9 \times (8 + 7)) - 6) \times ((5! \times (4! - (3 + 2))) - 1) \\
 293992 &:= (1 + ((2 + (3!!/4) \times 5!)) + ((6 \times (7! + 8!)) - 9) &= ((9 + 8) \times (((7! - 6! + 5) \times 4) - 3!)) - (2 + 1)! \\
 293993 &:= ((1 - ((2 - 3 \times 4!) \times (5! - 6!))) \times 7) \times (8 - 9) &= (9 + 8! \times 7) + ((6! + ((5 \times (4! - 3))^2)) - 1) \\
 293994 &:= (1 + 2)! \times (3! + (4! + (5 \times 6! + (7! + 8! + 9)))) &= (9 + 8! \times 7) + (6! + ((5 \times (4! - 3))^2 \times 1)) \\
 293995 &:= 1 + ((2 - (((3!! - 4!) \times (5 + 6)) - 7! \times 8) \times 9) &= (9 + 8! \times 7) + (6! + (((5 \times (4! - 3))^2) + 1)) \\
 293996 &:= ((1 + 2)!^3) + (4 \times (5 - ((6! - 7!) \times (8 + 9)))) &= (((9 + 8) \times (((7! - 6! + 5) \times 4) - 3!)) - 2) \times 1 \\
 293997 &:= (((1 + 2) \times 3!! - 4) \times 5!) + (6 - (7! - 8!)) - 9 &= (((9 + 8) \times (((7! - 6! + 5) \times 4) - 3!)) - 2) + 1 \\
 293998 &:= ((1 + (2 \times (3!! + (4! \times (5 + 6!)))) \times 7) + (8! - 9) &= (((9 + 8) \times (7! - 6!)) - 5!) \times 4) + (3!! - (2 \times 1)) \\
 293999 &:= (1 - ((2 - 3 \times 4!) \times (5! + 6! - 7!))) \times (8 - 9) &= (((9 + 8!/7!) \times 6!) - 5) \times 4! + (3!!/2 - 1)
 \end{aligned}$$

$$294000 := 1 - (((2 + 3!) \times ((4 + (5 \times (6! - 7))) - 8!)) + 9) = ((9 + (8! + 7)) \times 6) + ((5! + 4!) \times (3!/2 + 1))$$

2.1.15 Numbers From 294001 to 295000

$$\begin{aligned}
 294001 &:= (1 + ((2 - (3! + 4!)) \times (5! + 6!))) - ((7! - 8!) \times 9) &= (((9 + 8!/7!) \times 6!) - 5) \times 4! + (3!/2 + 1) \\
 294002 &:= (1 + ((2 - 3 \times 4!) \times (5! + 6! - 7!))) - (8 - 9) &= ((9 + 8!) \times 7) + (((6^5 + 4!) \times 3)/2) - 1 \\
 294003 &:= (((1 + 2) \times 3!! - 4) \times 5!) - 6 - (7! - 8! - 9) &= (((9 + 8) \times (7! - 6! + 5)) - 4!) \times (3! - 2) - 1 \\
 294004 &:= 1 + (((2 \times ((3!! - 4) + 5^6)) - (7 + 8)) \times 9) &= ((9 + 8!) \times 7) + (((6^5 + 4!) \times 3)/2) + 1 \\
 294005 &:= 1 + ((2 - 3!) \times (4! - ((5 - 6! + 7!) \times (8 + 9)))) &= (((9 + 8) \times (7! + (6! + 5))) - 4) \times 3 + 2 + 1 \\
 294006 &:= (((1 + ((2 - 3 \times 4!) \times (5! - 6!))) \times 7) + 8) - 9 &= (9 \times ((8!/7 + 6) \times 5)) + (4! \times (3!! \times 2 - 1)) \\
 294007 &:= (((1 + (2 + 3!)) - (4 + (5 \times (6! - 7)))) \times 8) - 9 &= (9 + (((8! - 7!)/6) \times (5 \times (4 + 3!)))) - 2 \times 1 \\
 294008 &:= ((1 + ((2 - 3 \times 4!) \times (5! - 6!))) \times 7) - (8 - 9) &= 9 + 8! + ((7 \times ((6! + (5! + 4! \times 3!)) \times 2)) - 1) \\
 294009 &:= ((1 \times 2 + (3!/4)) \times 5!) + ((6 \times (7! + 8!)) + 9) &= (9 + (8! \times 7 + 6!)) + (5! \times (4 \times ((3! - 2)! - 1))) \\
 294010 &:= (1 + ((2 + (3!/4)) \times 5!)) + ((6 \times (7! + 8!)) + 9) &= 9 + 8! + ((7 \times ((6! + (5! + 4! \times 3!)) \times 2)) + 1) \\
 294011 &:= 1 - (2 \times (3! + ((4 \times ((5 \times (6! - 7)) - 8!)) + 9))) &= (9 + (((8! - 7!)/6) \times (5 \times (4 + 3!)))) + 2 + 1 \\
 294012 &:= (1 + 2)! \times (((3!! + 4!) \times 5) - (6 - ((7! - 8) \times 9))) &= (9 + (((8! - 7!)/6) \times (5 \times (4 + 3!)))) + 2 + 1 \\
 294013 &:= 1 - ((2 + ((3!! + ((4 - 56) \times 7!)/8)) \times 9) &= (9 \times (8^{(7-6) \times 5})) - (((4! + 3!)^2) - 1) \\
 294014 &:= (((((1 + 2)^3) + 4!) \times (5 + (6! + 7!))) + 8) - 9 &= (((9 + 8) \times ((7! + (6! + (5!/4!))) \times 3)) - 2) + 1 \\
 294015 &:= (((1 + 2) \times 3!! - 4) \times 5!) + (6 - (7! - 8!)) + 9 &= ((9 - 8) + ((7! + 6!)/5)) \times ((4^{3!-2}) - 1) \\
 294016 &:= ((1 + (2 \times (3!! + (4! \times (5 + 6!)))) \times 7) + (8! + 9) &= 9 + 8! + (7 \times (((6! + (5! + 4! \times 3!)) \times 2) + 1)) \\
 294017 &:= 1 \times (((2 - 3 \times 4!) \times (5! + 6! - 7!)) + 8 + 9) &= 9 - ((8 - ((7! + 6!)/5)) \times ((4^{3!-2}) + 1)) \\
 294018 &:= 1 - (((2 + 3!) \times ((4 + (5 \times (6! - 7))) - 8!)) - 9) &= 9 + (8 - ((7!/6 \times ((5 \times 4) - 3!)/2)) - 1) \\
 294019 &:= 1 + (2 - ((3! \times 4^5) - (67 \times (8!/9)))) &= (9 + (8 \times ((7!/6 - 5) \times 4))) \times ((3! \times 2) - 1) \\
 294020 &:= 1 - ((2 \times (3! + (4 \times ((5 \times (6! - 7)) - 8!)))) + 9) &= ((9 + 8! - (7! \times 6)) \times (5 + 4!)) + 3!! \times 2 - 1 \\
 294021 &:= (((1 + 2)!^{3!}/4) + (5! + 6)) + (7 \times 8! - 9) &= ((9 + 8! - (7! \times 6)) \times (5 + 4!)) + (3!! + (2 + 1)!!) \\
 294022 &:= 1 \times (2 \times ((3!! - 4) + ((5^6 + 7!/8) \times 9))) &= ((9 + 8! - (7! \times 6)) \times (5 + 4!)) + (3!! \times 2 + 1) \\
 294023 &:= 1 + (2 \times ((3!! - 4) + ((5^6 + 7!/8) \times 9))) &= ((9 + 8) \times 7) + (6! \times 5 + (4!^3 \times 21)) \\
 294024 &:= (((1 + ((2 - 3 \times 4!) \times (5! - 6!))) \times 7) + 8) + 9 &= ((9 + 8 \times 7!) - (6! \times 5 - 4!)) \times (3! + 2 \times 1) \\
 294025 &:= (((1 + (2 + 3!)) - (4 + (5 \times (6! - 7)))) \times 8) + 9 &= (((9 + ((8! \times 7)/6)) - 5)/4) \times ((3! - 2)! + 1) \\
 294026 &:= 1 \times (2 \times ((3!^4 + 5) \times (((6 + 7) \times 8) + 9))) &= (((9 + 8) \times (7! + (6! + 5))) + 4) \times 3 - (2 - 1) \\
 294027 &:= (((1 + 2)!^{3!}/4) + (5! - (6 - (7 \times 8!)))) + 9 &= (((9 + 8) \times (7! + (6! + 5))) + 4) \times 3 \times (2 - 1) \\
 294028 &:= 1 \times 2 \times (3 - ((4 \times ((5 \times (6! - 7)) - 8!)) + 9)) &= (((9 + 8) \times (7! + (6! + 5))) + 4) \times 3 + (2 - 1) \\
 294029 &:= 1 \times (2 + (3 \times (4 + ((5 + (6! + 7!)) \times (8 + 9)))) &= (9 \times ((8!/7 + 6) \times 5)) + ((4! \times 3!! \times 2) - 1) \\
 294030 &:= (1 + (2 + 3!)) \times (4! \times 5! + ((6 - (7 \times 8)) \times 9)) &= (9 \times ((8 \times 7! - 6!)/5!)) \times (((4 + 3!)^2) - 1) \\
 294031 &:= 1 \times (((2 - (3! + 4)) \times ((5 \times (6! - 7)) - 8!)) - 9) &= (9 \times ((8!/7 + 6) \times 5)) + ((4! \times 3!! \times 2) + 1) \\
 294032 &:= 1 - (((2 \times 3! - 4) \times ((5 \times (6! - 7)) - 8!)) + 9) &= ((9 + 8) \times (7! + (6! \times 5 + (4!/3)))) \times 2 \times 1 \\
 294033 &:= ((1 + 2)!)! + (3 \times ((4 \times (5^6)) - (7! - 8! + 9))) &= (((9 + 8) \times (7! + (6! + (5!/4!)))) + 3!) \times (2 + 1) \\
 294034 &:= 1 \times (2 \times (3! - ((4 \times ((5 \times (6! - 7)) - 8!)) + 9))) &= 9 + ((8 \times (((7 - 6!) \times 5) + ((4!/3)! - 2))) + 1) \\
 294035 &:= 1 + (2 \times (3! - ((4 \times ((5 \times (6! - 7)) - 8!)) + 9))) &= ((-9 + (((8! + ((7 - 6!) \times 5)) \times 4) + 3!)) \times 2) + 1
 \end{aligned}$$

$$\begin{aligned}
 294036 &:= 1 \times ((2 \times (3!! + ((4! + 5) \times (6 + 7!)))) - 8 \times 9) &= 9 + (((((8! + ((7 - 6!) \times 5)) \times 4) - 3!) \times 2) - 1) \\
 294037 &:= 1 \times ((2 \times (3 - (4 \times ((5 \times (6! - 7)) - 8!)))) - 9) &= 9 + (((((8! + ((7 - 6!) \times 5)) \times 4) - 3!) \times 2 \times 1) \\
 294038 &:= (1 + (2 \times (3 - (4 \times ((5 \times (6! - 7)) - 8!)))) - 9) &= ((9 + 8) \times (((7! - (6! + 5)) \times 4) - 3!)) + ((2 + 1)!) \\
 294039 &:= 1 + ((2 + ((3!! \times 4) + (5! + 6!))) \times (7 + 8 \times 9)) &= 9 - ((8 - ((7^6 - 5)/4)) \times (3^2 + 1)) \\
 294040 &:= ((1 - 2) + (34 \times (5 \times 6! + 7! + 8))) + 9 &= (9 + 8! \times 7) + ((6! \times 5 + 4^{3!} \times 2) - 1) \\
 294041 &:= 1 \times 2 - (((3!! - 4!) \times (5 + 6)) - (7 + 8!)) \times 9) &= (9 + 8! \times 7) + (6! \times 5 + (4^{3!} \times 2 \times 1)) \\
 294042 &:= (1 + 2) - (((3!! - 4!) \times (5 + 6)) - (7 + 8!)) \times 9) &= (9 + 8! \times 7) + (6! \times 5 + ((4^{3!} \times 2) + 1)) \\
 294043 &:= (1 \times 2 \times (3! - (4 \times ((5 \times (6! - 7)) - 8!)))) - 9) &= 9 - (((8! + 7) - ((6^5 \times 4!) + 3!)) \times 2 \times 1) \\
 294044 &:= (1 + (2 \times (3! - (4 \times ((5 \times (6! - 7)) - 8!)))) - 9) &= (9 + ((8! + 7!) \times 6)) + ((5^4) \times (3!^2 - 1)) \\
 294045 &:= ((1 + 2)!! - (3 \times ((4 - 5!) \times (6! + 7)))) + (8! + 9) &= (9 + (((8! \times 7)/6) \times 5)/4) \times ((3 + 2) \times 1) \\
 294046 &:= ((-1 \times 2) - (3!! \times (4! + 5))) + ((6^7/8) \times 9) &= 9 + ((8 \times (((7 - 6!) \times 5) + (4!/3!))) - 2 - 1) \\
 294047 &:= 1 - (2 + (3 \times (4! - (5! + ((6! + 7!) \times (8 + 9)))))) &= ((9 + 8!) \times 7) + ((6! + ((5 \times (4! - 3))^2)) - 1) \\
 294048 &:= (1 \times 2 + 3!) \times ((4 + (5! \times (6 \times 7 - 8))) \times 9) &= ((9 + 8!) \times 7) + (6! + ((5 \times (4! - 3))^2 \times 1)) \\
 294049 &:= (1 + ((2 \times 3!)^4)) + ((5! + (6 \times 7! + 8)) \times 9) &= ((9 + 8!) \times 7) + (6! + (((5 \times (4! - 3))^2) + 1)) \\
 294050 &:= (1 + ((2 - (3! + 4)) \times ((5 \times (6! - 7)) - 8!))) + 9) &= ((9 + ((8! - 7!)/6) \times 5)) - 4) \times (3^2 + 1) \\
 294051 &:= ((1 + 2) - (3!! \times (4! + 5))) + ((6^7/8) \times 9) &= (((9 - (8! + 7)) + ((6^5 \times 4!) + 3!)) \times 2) - 1 \\
 294052 &:= 1 + (2 - ((3 - (4 \times (5 - 6! + 7!))) \times (8 + 9))) &= (((9 - (8! + 7)) + ((6^5 \times 4!) + 3!)) \times 2) \times 1 \\
 294053 &:= (((12 - 3!!) \times 4!) + 5) - ((6! - 7!) \times 8 \times 9) &= (((9 - (8! + 7)) + ((6^5 \times 4!) + 3!)) \times 2) + 1 \\
 294054 &:= ((1 \times 2 + (3!!/4)) \times 5!) + (6 \times (7! + 8! + 9)) &= (9 \times ((8!/7 + 6) \times 5)) + (4! \times (3!! \times 2 + 1)) \\
 294055 &:= 1 \times ((2 \times (3 - (4 \times ((5 \times (6! - 7)) - 8!)))) + 9) &= 9 + ((8 \times (((7 - 6!) \times 5) + (4!/3!))) + (2 + 1)!) \\
 294056 &:= (1 + (2 \times (3 - (4 \times ((5 \times (6! - 7)) - 8!)))) + 9) &= 9 + (((((8! + ((7 - 6!) \times 5)) \times 4) + 3) \times 2) + 1) \\
 294057 &:= 1 \times ((2 - (((3!! - 4!) \times (5 + 6)) - (7 + 8!))) \times 9) &= (9 + 8! - 7!) + ((6! \times 5! - 4! \times 3!) \times (2 + 1)) \\
 294058 &:= 1 - (((2 \times 3!)^4) + (((5! - 6^7)/8) \times 9)) &= 9 - (((8 \times 7! - ((6^5 \times 4!) + 3!)) \times 2) - 1) \\
 294059 &:= ((-1 - ((2 \times (3!! \times 4) + 5!)) \times (6 - (7 \times 8))) + 9) &= 9 + ((8 + 7 \times 6) \times ((5! \times ((4 + 3)^2)) + 1)) \\
 294060 &:= (12 - (3!! \times (4! + 5))) + ((6^7/8) \times 9) &= 9 + (((((8! + ((7 - 6!) \times 5)) \times 4) + 3!) \times 2) - 1) \\
 294061 &:= 1 \times ((2 \times (3! - (4 \times ((5 \times (6! - 7)) - 8!)))) + 9) &= 9 + (((((8! + ((7 - 6!) \times 5)) \times 4) + 3!) \times 2 \times 1) \\
 294062 &:= (1 + (2 \times (3! - (4 \times ((5 \times (6! - 7)) - 8!)))) + 9) &= 9 - ((8 + ((7!/6 + 5) \times ((4! - 3!)/2))) - 1) \\
 294063 &:= (1 - (2 \times 3! - (4 \times 5!))) \times ((6 + 7!/8) - 9) &= (9 + ((8!/7!) + 6!)) \times (((5 \times 4!)/3!)^2 - 1) \\
 294064 &:= (1 + ((2 + 3!) \times (4 - ((5 \times (6! - 7)) - 8!)))) - 9) &= 9 + 8 - (((7! - ((6 + 5) \times (4!^3))) \times 2) + 1) \\
 294065 &:= (12 \times (3!^4 - 5!)) + (6^7 + 8 + 9) &= 9 \times 8 + (7 \times (((6! - 5!) \times ((4! \times 3) - 2)) - 1)) \\
 294066 &:= (1 + 2 \times 3!! - (4 \times 5!)) \times ((6 \times 7 - 8) \times 9) &= (9 \times (8 \times 7 + 6)) \times (((5! + 4! \times 3!) \times 2) - 1) \\
 294067 &:= ((1 + 2 \times 3!)^4) + ((5^6 - 7) \times (8 + 9)) &= (((9 + 8) \times ((7! - 6! + 5) \times 4)) - 32) - 1 \\
 294068 &:= (1 \times 2 + ((3 \times 4)^5)) - ((6 - (7! - 8)) \times 9) &= ((9 + (87 + 6)) \times (5! \times 4! + 3)) + (2 \times 1) \\
 294069 &:= ((1 + 2)!! + (3 \times ((4 \times (5^6)) - (7! - 8!)))) + 9) &= (((9 - 8) + 7!) - (6! + 5!)) \times ((4! \times 3) - 2)) - 1 \\
 294070 &:= 1 \times 2 \times (3! - ((4 \times ((5 \times (6! - 7)) - 8!)) - 9)) &= 9 - (((8! - 7) - ((6^5 \times 4!) + 3!)) \times 2) + 1) \\
 294071 &:= 1 + ((2 - 3 \times 4!) \times (5! + (6! - (7! - 8 + 9)))) &= (9 - (((8! - 7) - ((6^5 \times 4!) + 3!)) \times 2)) \times 1 \\
 294072 &:= ((1 \times 2 + (3!!/4)) \times 5!) + ((6 \times 7! + 8) \times 9) &= (9 + 8! \times 7) - (6! - (((5! - 4!/3)^2) - 1)) \\
 294073 &:= (1 - (((2 \times 3!)^4) + 5!)) + ((6^7/8) \times 9) &= 9 \times 8 + ((7!/6 \times (5 \times ((4! \times 3) - 2))) + 1)
 \end{aligned}$$

$$\begin{aligned}
 294074 &:= 1 \times (2 \times (3!! + ((4! + 5) \times (6 + 7!)) - (8 + 9))) &= (9 + 8! \times 7) - (6! - (((5! - 4!/3)^2) + 1)) \\
 294075 &:= ((1 + 2)!)! + ((3 - (4 \times 5!)) \times (6 - (7!/8 - 9))) &= (((9 + 8) \times ((7! - 6! + 5) \times 4)) - (3! - 2)!) - 1 \\
 294076 &:= (1 + (2 \times ((34 \times (5 - 6! + 7!)) - 8))) - 9 &= 9 + 8 - (((7!/6 + 5) \times ((4! - 3!)/2)) + 1) \\
 294077 &:= -1 \times (23 - (4 \times ((5 - 6! + 7!) \times (8 + 9)))) &= (((9 + 8) \times ((7! - 6! + 5) \times 4)) - (3! - 2)!) + 1 \\
 294078 &:= 1 \times (2 \times ((3!! + 4!) + ((5^6 + 7!/8) \times 9))) &= 9 + 8 - (((7!/6 + 5) \times ((4! - 3!)/2)) - 1) \\
 294079 &:= 1 + (2 \times ((3!! + 4!) + ((5^6 + 7!/8) \times 9))) &= ((9 + (8! + (7 - (6! \times 5 - 4!)))) \times (3! + 2)) - 1 \\
 294080 &:= (1 \times 2 + 3!) \times (4! - (5 \times 6! - (7 + 8! + 9))) &= ((9 + (8! + (7 - (6! \times 5 - 4!)))) \times (3! + 2)) \times 1 \\
 294081 &:= 1 \times (((2 + 3!) \times (4 - ((5 \times (6! - 7)) - 8!))) + 9) &= ((9 + (8! + (7 - (6! \times 5 - 4!)))) \times (3! + 2)) + 1 \\
 294082 &:= (1 + ((2 + 3!) \times (4 - ((5 \times (6! - 7)) - 8!)))) + 9 &= 9 + ((8 \times (((7 - 6!) \times 5) + (4 + (3! + 2)!))) + 1) \\
 294083 &:= 1 - (2 + (((((3 \times (4 + 5!)) + 6!) \times 7) - 8!) \times 9)) &= (9 \times (8!/7)) + ((6 \times (54 + (3! + 2)!)) - 1) \\
 294084 &:= (1 + 2)! \times (3! - (4! - (5 \times 6! + ((7! + 8) \times 9)))) &= (((((9 + 8) \times (7! + (6! + 5))) + 4!) \times 3) - 2) - 1 \\
 294085 &:= 1 + (2 \times ((3!^4 \times (5! - 6)) - (78 \times 9))) &= 9 + ((8 + (7! + ((6! + 5) \times 4))) \times (3!^2 + 1)) \\
 294086 &:= 1 \times (2 - (((((3 \times (4 + 5!)) + 6!) \times 7) - 8!) \times 9)) &= (((((9 \times (8!/7 + 6)) - (5! \times 4!)) \times 3!) + 2) \times 1) \\
 294087 &:= 1 + (2 - (((((3 \times (4 + 5!)) + 6!) \times 7) - 8!) \times 9)) &= (((((9 \times (8!/7 + 6)) - (5! \times 4!)) \times 3!) + 2) + 1) \\
 294088 &:= 1 \times 2 \times ((3! \times (4! + (5 \times (6 + 7!)))) - 8!/9) &= ((9 + (((8! - 7!)/6) \times 5)) \times (4 + 3!)) - 2 \times 1 \\
 294089 &:= (1 + ((2 + 3!!) \times 4)) + ((5 \times (6 + 7)) \times (8!/9)) &= ((9 + (8! + 7!)) \times 6) + ((5^4) \times (3!^2 - 1)) \\
 294090 &:= (1 + 2)! - (((((3 \times (4 + 5!)) + 6!) \times 7) - 8!) \times 9) &= ((9 + (((8! - 7!)/6) \times 5)) \times (4 + 3!)) \times (2 - 1) \\
 294091 &:= ((1 \times 2 \times (3!! + ((4! + 5) \times (6 + 7!)))) - 8) - 9 &= ((9 + (((8! - 7!)/6) \times 5)) \times (4 + 3!)) + (2 - 1) \\
 294092 &:= ((1 + (2 \times (3!! + ((4! + 5) \times (6 + 7!)))) - 8) - 9 &= ((9 + (((8! - 7!)/6) \times 5)) \times (4 + 3!)) + (2 \times 1) \\
 294093 &:= (1 + 2)!! - (3 \times ((4! \times (5 - (6! + 7!))) + 8! + 9)) &= (((9 + 8) \times ((7! - 6! + 5) \times 4)) - (3! + 2)) + 1 \\
 294094 &:= 1 - (((2 \times 3!^4) + ((5 + 6 + 7!) - 8!)) \times 9) &= ((9 + 8!) \times 7) + ((6! \times 5 + 4^{3!} \times 2) - 1) \\
 294095 &:= 1 \times (2 + (3 \times ((4! \times (5 + (6! + 7!))) - 8! - 9))) &= ((9 + 8!) \times 7) + (6! \times 5 + (4^{3!} \times 2 \times 1)) \\
 294096 &:= (1 - 2 \times 3!) \times (4! + (5! - ((6 \times 7! \times 8)/9))) &= ((9 + 8!) \times 7) + (6! \times 5 + ((4^{3!} \times 2) + 1)) \\
 294097 &:= (1 - 2) \times (3 - (4 \times ((5 - 6! + 7!) \times (8 + 9)))) &= (((((9 + 8) \times (7 + 6!)) - 5!) \times 4!) + (3!!/2 + 1)) \\
 294098 &:= 1 \times (2 \times ((34 \times (5 - 6! + 7!)) + (8 - 9))) &= (((9 + 8) \times ((7! - 6! + 5) \times 4)) - (3 - 2)) - 1 \\
 294099 &:= (1 + 2)! + (3 \times ((4! \times (5 + (6! + 7!))) - 8! - 9)) &= 9 - (((8 - (7^6 - 5))/4) \times (3^2 + 1)) \\
 294100 &:= (1 + 2)!! - (3!! - (4 \times ((5 - 6! + 7!) \times (8 + 9)))) &= 9 - (((8 - (((7! + 6) \times (5 + 4!)) + 3!)) \times 2) + 1) \\
 294101 &:= ((1 \times 23) \times (4! - 5)) \times (6! - ((7 \times 8) - 9)) &= 9 - ((8 - (((7! + 6) \times (5 + 4!)) + 3!)) \times 2 \times 1) \\
 294102 &:= (1 + 2)! \times ((3 \times (4! \times 5!)) + (((6 + 7!) \times 8) + 9)) &= 9 - (((8 - (((7! + 6) \times (5 + 4!)) + 3!)) \times 2) - 1) \\
 294103 &:= 1 - (2 \times ((3!!/4 \times (5! - (6! - 7))) - 8! + 9)) &= (((9 + 8) \times ((7! - 6! + 5) \times 4)) + (3! - 2)) - 1 \\
 294104 &:= ((1 + (2 + 3!)) \times 4!) + ((5 \times (6 + 7)) \times (8!/9)) &= (((9 + 8) \times ((7! - 6! + 5) \times 4)) + (3! - 2)) \times 1 \\
 294105 &:= 1 - (2 - (3! + (4 \times ((5 - 6! + 7!) \times (8 + 9)))) &= (((9 + 8) \times ((7! - 6! + 5) \times 4)) + (3! - 2)) + 1 \\
 294106 &:= ((1 \times 2 - 3!!) \times (4! + 5)) + ((6^7/8) \times 9) &= (((((9 + 8) \times (7! + 6!)) + (5! - 4)) \times 3) - 2) \times 1 \\
 294107 &:= (1 + ((2 - 3!!) \times (4! + 5))) + ((6^7/8) \times 9) &= (9 \times (8 + (7! \times 6))) + ((5^4) \times (3!^2 - 1)) \\
 294108 &:= (1 + (2 \times (3!! + ((4! + 5) \times (6 + 7!)))) + (8 - 9) &= 9 - 8 + (((((7! + 6) \times (5 + 4!)) + 3!)) \times 2) - 1) \\
 294109 &:= ((1 \times 2 \times (3!! + ((4! + 5) \times (6 + 7!)))) - 8) + 9 &= (9 - 8) \times (((((7! + 6) \times (5 + 4!)) + 3!)) \times 2) + 1) \\
 294110 &:= ((1 + (2 \times (3!! + ((4! + 5) \times (6 + 7!)))) - 8) + 9 &= (9 \times (8! - 7!)) - (((6 + (5! + (4! + 3!)))^2) + 1) \\
 294111 &:= ((1 + 2) \times (3!! \times 4! + 5!)) + ((6 \times 7! \times 8) - 9) &= 9 - 8 + (((7^6 - 5)/4) \times (3^2 + 1)) \\
 294112 &:= 1 - ((2 \times ((3!!/4 \times (5! - (6! - 7))) - 8!)) + 9) &= (9 \times (8! - 7!)) - (((6 + (5! + (4! + 3!)))^2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 294113 &:= 1 \times ((2 + (3 \times ((4! \times (5 + (6! + 7!))) - 8!))) - 9) &= 9 + ((8 \times 7 + 6!) \times (((5 \times 4) + 3!/2) - 1)) \\
 294114 &:= 1 + ((2 + (3 \times ((4! \times (5 + (6! + 7!))) - 8!))) - 9) &= (9 + 8! - 7!) - ((6! + 5) \times (((4 - 3!)/2) + 1)) \\
 294115 &:= 1 \times ((2 \times (3!! + (((4! + 5) \times (6 + 7!)) + 8))) - 9) &= (((9 + 8) \times (7! - 6! + 5)) + 4) \times (3! - 2) - 1 \\
 294116 &:= (1 + (2 \times (3!! + (((4! + 5) \times (6 + 7!)) + 8)))) - 9 &= (((9 + 8) \times (7! - 6! + 5)) + 4) \times (3! - 2) \times 1 \\
 294117 &:= 1 + ((2 + ((3 \times 4)^5)) - (6 - ((7! - 8) \times 9))) &= (((9 + 8) \times (7! - 6! + 5)) + 4) \times (3! - 2) + 1 \\
 294118 &:= 1 \times (2 \times (3 - (4 \times ((5 \times (6! - 7)) - 8! - 9)))) &= (9 + 8! - 7!) + (((6! - 5) \times ((4 + 3!)/2)) - 1) \\
 294119 &:= 1 + (2 \times (3 - (4 \times ((5 \times (6! - 7)) - 8! - 9)))) &= (9 \times ((8 + (7! + 6!)) \times 5)) + ((4! \times 3!! \times 2) - 1) \\
 294120 &:= (1 \times 2 \times 3!) + (((4! \times (5 - 6!)) + (7! + 8!)) \times 9) &= (9 + 8! - 7!) + (((6! - 5) \times ((4 + 3!)/2)) + 1) \\
 294121 &:= 1 + 2 \times 3!! + (4! \times ((5 + (6! + 7!/8)) \times 9)) &= (9 \times ((8 + (7! + 6!)) \times 5)) + ((4! \times 3!! \times 2) + 1) \\
 294122 &:= (1 \times 2 + ((3 \times 4)^5)) + ((6! \times 7 - 8) \times 9) &= (9 \times (8! - 7!)) - (((6^5 + 4!) \times 3) - (2 \times 1)) \\
 294123 &:= ((1 + 2) - (3!! \times 4!)) + ((5 - 6! + 7!) \times 8 \times 9) &= (9 + 8! \times 7) - (6 - (5! \times (((4 + 3!)^2) - 1))) \\
 294124 &:= 1 \times 2 \times (3! - (4 \times ((5 \times (6! - 7)) - 8! - 9))) &= (((9 + (8! + ((7 - 6!) \times 5))) \times 4) + 3!) \times 2 \times 1 \\
 294125 &:= 1 - (2 - (((3 \times 4)^5) + (6 + ((7! - 8) \times 9)))) &= 9 + (8 + (((7! + 6) \times (5 + 4!)) + 3!)) \times 2 \times 1) \\
 294126 &:= (((1 + 2)!^3) \times (4! + 5)) - 6 \times ((7 \times 8) - 9) &= ((9 + 8!) \times 7) - (6! - (((5! - 4!/3)^2) - 1)) \\
 294127 &:= (1 + 2)^3 + (4 \times ((5 - 6! + 7!) \times (8 + 9))) &= 9 - (((8! - ((7! + (6! + 5)) \times 4!)) \times 3) + 2 \times 1) \\
 294128 &:= 1 - (2 - ((3 \times ((4! \times (5 + (6! + 7!))) - 8!)) + 9)) &= (9 + 8! \times 7) + (((6! \times ((5!/4) + 3))/2) - 1) \\
 294129 &:= (1 - (2 \times ((3!! - 4) + 5^6))) \times ((7 - 8) \times 9) &= (9 - (8!/7)) - ((6! + 5!) \times (((4 - 3!)/2) + 1)) \\
 294130 &:= 1 - (((2 \times 3!! \times 4!)/5) + (6! + 7 - 8!)) \times 9 &= (9 + (((8! - 7!)/6) \times 5) + 4) \times (3^2 + 1) \\
 294131 &:= 1 \times (2 + ((3 \times ((4! \times (5 + (6! + 7!))) - 8!)) + 9)) &= (9 \times ((8 + 7!) \times 6)) + (((5!/4) \times (3!! - 2)) - 1) \\
 294132 &:= 1 + (2 + ((3 \times ((4! \times (5 + (6! + 7!))) - 8!)) + 9)) &= (9 + ((8 + (((7! + 6) \times (5 + 4!)) + 3!)) \times 2)) - 1 \\
 294133 &:= 1 \times ((2 \times (3!! + (((4! + 5) \times (6 + 7!)) + 8))) + 9) &= (9 + ((8 + (((7! + 6) \times (5 + 4!)) + 3!)) \times 2)) \times 1 \\
 294134 &:= (1 + (2 \times (3!! + (((4! + 5) \times (6 + 7!)) + 8)))) + 9 &= (9 + ((8 + (((7! + 6) \times (5 + 4!)) + 3!)) \times 2)) + 1 \\
 294135 &:= ((1 - 2) + ((3^4 \times 5!) + 6^7)) + 8!/9 &= (9 + 8! \times 7) + (6 + (5! \times (((4 + 3!)^2) - 1))) \\
 294136 &:= (12 \times 3) + (4 \times ((5 - 6! + 7!) \times (8 + 9))) &= ((9 + 8) \times ((7! - 6! + 5) \times 4)) + (3! \times (2 + 1)!) \\
 294137 &:= (1 + 2)!! - (3 + (4 \times ((5 + 6! - 7!) \times (8 + 9)))) &= ((9 + 8) \times ((7! - 6! + 5) \times 4)) + 3!^2 + 1 \\
 294138 &:= (1 \times 2 + ((3^4 \times 5!) + 6^7)) + 8!/9 &= (((9 + 8) \times ((7! - (6! + 5)) \times 4)) + 3!) - 2 \times 1 \\
 294139 &:= ((1 + 2) + ((3^4 \times 5!) + 6^7)) + 8!/9 &= (9 \times 8 \times (7! - 6!)) - (((5! + (4 + 3!))^2) + 1) \\
 294140 &:= (1 - 2 \times 3!) \times ((4 - 5!) - ((6^7 - 8!)/9)) &= (9 \times 8 \times (7! - 6!)) - ((5! + (4 + 3!))^2 \times 1) \\
 294141 &:= (1 + 2) \times ((3 + 4) + (5! + ((6! + 7!) \times (8 + 9)))) &= (9 \times 8 \times (7! - 6!)) - (((5! + (4 + 3!))^2) - 1) \\
 294142 &:= ((1 + 2)! + ((3^4 \times 5!) + 6^7)) + 8!/9 &= 9 + 8! + (((7 + 6!) - 5 \times 4) \times (3!/2 - 1)) \\
 294143 &:= 1 \times (((2 + 3^4) \times (5 \times 6! - (7 \times 8))) - 9) &= (((9 + 8) \times ((7! - (6! + 5)) \times 4)) + 3!! + 2) + 1 \\
 294144 &:= ((1 + 2 \times 3!!) \times 4!) + (5 \times ((6! + 7! + 8) \times 9)) &= (((9 - (8! - ((7! + (6! + 5)) \times 4!))) \times 3) - 2) - 1 \\
 294145 &:= 1 \times (((2 \times 3!^4) + ((5! \times 6) - 7)) \times 89) &= 9 - (8 \times (((7 - (6! - 5!)) \times ((4^3) - 2)) - 1)) \\
 294146 &:= ((1 + 2)! + 3!!) - (4 \times ((5 + 6! - 7!) \times (8 + 9))) &= (((9 - (8! - ((7! + (6! + 5)) \times 4!))) \times 3) - 2) + 1 \\
 294147 &:= (((1 + 2)!) \times (3! + 4!)) - ((5 - (6 \times (7! + 8))) \times 9) &= 9 + 8! - 7 - ((6! - 5) \times (4 - (3!/2 - 1))) \\
 294148 &:= (1 - ((2 \times 3!)^4)) - ((5 - (6^7/8)) \times 9) &= ((-98 + 765) \times ((4! - 3!)^2)) + 1 \\
 294149 &:= 1 \times (2 + (3 \times ((4! \times (5 + (6! + 7!))) - 8! + 9))) &= ((9 - (8! - ((7! + (6! + 5)) \times 4!))) \times 3) + (2 \times 1) \\
 294150 &:= (1 - (2 \times (3 + 4!))) \times (5! - ((6! \times 7/8) \times 9)) &= ((9 + (8!/7)) - (6 - 5!)) \times (((4 + 3!)^2) + 1) \\
 294151 &:= (1 + (2 + 3!)) \times ((4! + (5! + (6 - 7))) \times (8 + 9)) &= ((9 + 8) \times ((7 - 6) + 5!)) \times (4! + (((3 + 2)! - 1))
 \end{aligned}$$

$$\begin{aligned}
 294152 &:= 1 - ((2 - (((3 + 4! \times 5!) \times 6) + 7)) \times (8 + 9)) &= 9 + 8 + (((7 - 6!) + (543^2)) - 1) \\
 294153 &:= (1 + 2)! + (3 \times ((4! \times (5 + (6! + 7!))) - 8! + 9)) &= ((9 + 8!) \times 7) - (((6 - (5! \times 4)) \times ((3! - 2)! + 1)) \\
 294154 &:= 1 + (2 + ((3!! \times 4! + (5 \times 6 - 7)) \times (8 + 9))) &= 9 + 8 \times 7! - ((6! - 5) \times (4 - (3!!/2 - 1))) \\
 294155 &:= 1 + (2 - (3!! - ((4 - (5 \times 6!)) \times (7 - 89)))) &= (9 \times ((8^{(7-6) \times 5}) - 4)) - (3!! + (2 - 1)) \\
 294156 &:= 1 \times 2 \times (((3!! - 4) + 5^6) - (7 - 8)) \times 9 &= 9 + 8! + (((7 - (6 \times 5!)) \times (4 - 3!!/2)) - 1) \\
 294157 &:= (1 + 2)! + ((3!! \times 4! + (5 \times 6 - 7)) \times (8 + 9)) &= (9 \times ((8^{(7-6) \times 5}) - 4)) - (3!! - (2 - 1)) \\
 294158 &:= 1 - (2 - (((3! + 45) \times (6! + 7! + 8)) - 9)) &= 9 + 8! + (((7 - (6 \times 5!)) \times (4 - 3!!/2)) + 1) \\
 294159 &:= (1 \times 2 + 3!)! + ((4! \times (5^6 - 7! - 8)) - 9) &= ((9 + 8!) \times 7) - ((6!/5 - 4^{3!}) \times (2 + 1)) \\
 294160 &:= (1 + (2 + 3!))! + ((4! \times (5^6 - 7! - 8)) - 9) &= 9 + ((8 \times (7^6 - ((5! + (4!/3!) \times 2))) - 1) \\
 294161 &:= (1 + (((2 \times 3!!)/4) + 5) \times 6!) + (7 \times 8!/9) &= (9 + (8! + 7)) - ((6! - 5) \times (4 - (3!!/2 - 1))) \\
 294162 &:= (1 + ((2 + 3^4) \times (5 \times 6! - (7 \times 8)))) + 9 &= 9 + ((8 \times (7^6 - ((5! + (4!/3!) \times 2))) + 1) \\
 294163 &:= (((12 + 3^4) \times 5) + (6! + 7)) + (8! - 9) &= (9 \times ((8! - (7! + 6!)) - ((5^4) \times 3))) - 2 \times 1 \\
 294164 &:= 1 \times (2^{3!} + (4 \times ((5 - 6! + 7!) \times (8 + 9)))) &= ((9 + 8) \times (7 + (6 \times (5! \times 4! + 3)))) - 21 \\
 294165 &:= (((1 + 2)^{3!+4}) \times 5) - (((6 + 7) - 8)! \times 9) &= ((9 \times (8^{(7-6) \times 5})) - (4! + 3!! + 2)) - 1 \\
 294166 &:= 1 \times (2 \times (3!! + ((4! + 5) \times ((6 + 7!) - 8 + 9)))) &= ((9 \times ((8! - (7! + 6!)) - ((5^4) \times 3))) + 2) - 1 \\
 294167 &:= 1 + (2 \times (3!! + ((4! + 5) \times ((6 + 7!) - 8 + 9)))) &= ((9 \times ((8! - (7! + 6!)) - ((5^4) \times 3))) + 2) \times 1 \\
 294168 &:= ((1 \times 2 - 3!!) \times 4!) + ((5 - 6! + 7!) \times 8 \times 9) &= ((9 \times ((8! - (7! + 6!)) - ((5^4) \times 3))) + 2) + 1 \\
 294169 &:= (1 + ((2 - 3!!) \times 4!)) + ((5 - 6! + 7!) \times 8 \times 9) &= 9 + (8 \times (7^6 - (((5! + (4!/3!) \times 2) - 1))) \\
 294170 &:= 1 \times 2 - (3! \times (4 - (5 \times 6! + ((7! + 8) \times 9)))) &= ((9 \times (8^{(7-6) \times 5})) - (4! + (3!! - 2))) \times 1 \\
 294171 &:= (1 + 2) - (3! \times (4 - (5 \times 6! + ((7! + 8) \times 9)))) &= ((9 \times (8^{(7-6) \times 5})) - (4! + (3!! - 2))) + 1 \\
 294172 &:= (((1 + 2)! \times 3!!) - 4) \times 5 + (6 \times ((7! + 8) \times 9)) &= (((9 + 8!) \times 7) + (6^5 + (4^{3!} - 2))) - 1 \\
 294173 &:= 1 - (2 - (((3 \times 4)^5) + (((6 + 7!) - 8) \times 9))) &= (((9 + 8!) \times 7) + (6^5 + (4^{3!} - 2))) \times 1 \\
 294174 &:= 1 \times 2 \times (((3 \times 4) \times (5^6 - 7)) - 8! - 9) &= (((9 + 8!) \times 7) + (6^5 + (4^{3!} - 2))) + 1 \\
 294175 &:= (1 + (2^{3!+4})) \times (5 + (6 \times ((7 \times 8) - 9))) &= ((9 - 8) - 7 \times 6) \times (5 \times (4 - (3!! \times 2 - 1))) \\
 294176 &:= 1 \times (2 + (((3 \times 4)^5) + (((6 + 7!) - 8) \times 9))) &= (9 + 8! \times 7) - (((6 \times (5! - 4^{3!}))/2) + 1) \\
 294177 &:= (1 \times 2 + 3!)! + ((4! \times (5^6 - 7! - 8)) + 9) &= (9 \times (8! - 7!)) - (((6^5 + 4) \times 3) + 2) - 1 \\
 294178 &:= (1 + (2 + 3!))! + ((4! \times (5^6 - 7! - 8)) + 9) &= (9 \times (8! - 7!)) - (((6^5 + 4) \times 3) + 2) \times 1 \\
 294179 &:= ((1 \times 2 + ((3 \times 4)^5)) - (6 - (7! + 8!))) - 9 &= (9 \times (8! - 7!)) - (((6^5 + 4) \times 3) + 2) + 1 \\
 294180 &:= 1 \times ((2 \times (3!! + ((4! + 5) \times (6 + 7!)))) + 8 \times 9) &= (9 - ((8 - (7^6 - 5))/4)) \times (3^2 + 1) \\
 294181 &:= (1 + (2 \times (3!! + ((4! + 5) \times (6 + 7!)))) + 8 \times 9 &= (9 \times (8! - 7!)) - (((6^5 + 4) \times 3) - 2) - 1 \\
 294182 &:= 1 - (2 - (((3 \times 4)^5) + ((6! \times 7) + 8! - 9))) &= (9 \times (8! - 7!)) - (((6^5 + 4) \times 3) - 2) \times 1 \\
 294183 &:= ((1 + 2)!! + ((3 \times 4)^5)) - (6! - (7! + 8! - 9)) &= (9 \times (8! - 7!)) - (((6^5 + 4) \times 3) - 2) + 1 \\
 294184 &:= 1 - (2 - (((3 + 4! \times 5!) \times 6) + 7) \times (8 + 9))) &= (9 \times ((8! + 7) - (6^5 + 4!))) + (3!! \times 2 + 1) \\
 294185 &:= (1 \times 2 + (((3 \times 4)^5) + ((6! \times 7) + 8!))) - 9 &= ((9 \times (8^{(7-6) \times 5})) - (4 + 3!!)) - (2 + 1) \\
 294186 &:= (1 + 2) + (((3 \times 4)^5) + ((6! \times 7) + 8! - 9)) &= ((9 \times (8^{(7-6) \times 5})) - (4 + 3!!)) - 2 \times 1 \\
 294187 &:= (((1 + 2)! \times (3! + 4!)) - 5) + (6 \times ((7! + 8) \times 9)) &= ((9 \times (8^{(7-6) \times 5})) - (4 + 3!!)) - (2 - 1) \\
 294188 &:= (1 - (((2 \times 3!)^4) + 5)) + ((6^7/8) \times 9) &= (9 + (8! + (7! - ((6! - 5) \times ((4! - 3!!)/2)))) - 1 \\
 294189 &:= (1 + 2)! + (((3 \times 4)^5) + ((6! \times 7) + 8! - 9)) &= (9 + (8! + (7! - ((6! - 5) \times ((4! - 3!!)/2)))) \times 1
 \end{aligned}$$

$$\begin{aligned}
 294190 &:= ((1+2)!! + (3!+4)) \times (((5 \times (6!+7)) - 8)/9) &= (9 + (8! + (7! - ((6! - 5) \times ((4! - 3!!)/2)))) + 1 \\
 294191 &:= 1 \times (2 + (((3 \times 4)^5) + (6 + (7! + 8! - 9)))) &= (9 \times (8 + 7!)) + (((6! - (5 + 4!)) \times 3!!/2) - 1) \\
 294192 &:= 1 \times 2 \times (3 \times (4! \times 5! + (6! + ((7! + 8) \times 9)))) &= (9 \times (8 + 7!)) + ((6! - (5 + 4!)) \times (3!!/2 \times 1)) \\
 294193 &:= ((1+2) \times (3!+4)^5) - (((6!+7) \times 8) - 9) &= (9 \times (8 + 7!)) + (((6! - (5 + 4!)) \times 3!!/2) + 1) \\
 294194 &:= (1 \times 2 + (3!!/4 \times 5!)) + (6 \times ((7! + 8) \times 9)) &= (9 \times (8! - 7!)) - (((6^{5!/4!}) \times 3) - (2 \times 1)) \\
 294195 &:= ((1+2) + (3!!/4 \times 5!)) + (6 \times ((7! + 8) \times 9)) &= ((9 \times (8^{(7-6) \times 5})) + 4) - (3!! + (2 - 1)) \\
 294196 &:= 1 \times (((2+3)! + (4 + 5 \times 6!)) \times (7 + 8 \times 9)) &= (((9 + 8) \times (7! - 6! + 5)) + 4!) \times ((3 + 2) - 1) \\
 294197 &:= ((1 \times 2 + ((3 \times 4)^5)) - (6 - (7! + 8!))) + 9 &= ((9 \times (8^{(7-6) \times 5})) + 4) - (3!! - (2 - 1)) \\
 294198 &:= (1 - (((2 \times 3!)^4) - 5)) + ((6^7/8) \times 9) &= ((9 \times (8^{(7-6) \times 5})) + (4 - 3!!)) + (2 \times 1) \\
 294199 &:= ((1+2)!)! + ((34 \times (5 \times 6! + 7! - 8)) - 9) &= 9 + ((8 - (7 \times (6 - 5!))) \times (4 + (3!!/2 + 1))) \\
 294200 &:= 1 - (2 - (((3 \times 4)^5) + ((6! \times 7) + 8! + 9))) &= (9 \times ((8 + 7!) \times 6)) + (((5! + (4! + 3))^2) - 1) \\
 294201 &:= ((1+2)!! + ((3 \times 4)^5)) - (6! - (7! + 8! + 9)) &= (9 \times ((8 + 7!) \times 6)) + ((5! + (4! + 3))^2 \times 1) \\
 294202 &:= 1 - (((2 \times 3!)^4) + (((5 - 6) + 7!) - 8!)) \times 9 &= (9 \times ((8 + 7!) \times 6)) + (((5! + (4! + 3))^2) + 1) \\
 294203 &:= 1 \times (2 + (((3 \times 4)^5) + ((6! \times 7) + 8! + 9))) &= (9 \times (8! - 7!)) - (((6^5 - 4) \times 3) + (2 - 1)) \\
 294204 &:= 1 + (2 + (((3 \times 4)^5) + ((6! \times 7) + 8! + 9))) &= ((9 + 8) \times (((7! - 6! + 5) \times 4) + 3!)) + (2 \times 1) \\
 294205 &:= 1 + (2 + ((3! + (4 \times (5 - 6! + 7!))) \times (8 + 9))) &= (9 \times (8! - 7!)) - (((6^5 - 4) \times 3) - (2 - 1)) \\
 294206 &:= 1 \times (2 \times (3!! + (((4! + 5) \times ((6! \times 7) + 8)) - 9))) &= (9 \times (8! - 7!)) - ((6^5 - 4) \times 3) + (2 \times 1) \\
 294207 &:= 1 + (2 \times (3!! + (((4! + 5) \times ((6! \times 7) + 8)) - 9))) &= ((9 \times 8 \times 7) \times (6! - 5!)) - ((4^3! \times 2) + 1) \\
 294208 &:= 1 \times (2^{3!} \times (((4 + 5) \times (6 + 7)) + 8!/9)) &= 9 - (8 - (((7! \times (6 \times 5)) - 4^3!) \times 2) - 1) \\
 294209 &:= 1 \times (2 + (((3 \times 4)^5) + (6 + (7! + 8! + 9)))) &= (9 \times (8! - (((7! \times 6) + 5!)/4))) - (3!!/2 + 1) \\
 294210 &:= 1 + (2 + (((3 \times 4)^5) + (6 + (7! + 8! + 9)))) &= (((9 + ((8! - 7!)/6)) \times 5) - 4!) \times (3^2 + 1) \\
 294211 &:= ((-1 + 2) + ((3 \times 4)^5)) - ((6 - 7! - 8) \times 9) &= (9 \times (8! - (((7! \times 6) + 5!)/4))) - (3!!/2 - 1) \\
 294212 &:= (1 \times 2 + ((3 \times 4)^5)) - ((6 - 7! - 8) \times 9) &= (9 \times ((8 + 7!) \times 6)) + (5 \times (4 + (3! \times (2 + 1)!))) \\
 294213 &:= (1 + 2) \times (((3!! \times 4! + (5!/6 - 7!)) \times 8) - 9) &= ((9 \times (8^{(7-6) \times 5})) + (4! - (3!! + 2))) - 1 \\
 294214 &:= 12 + ((3! + (4 \times (5 - 6! + 7!))) \times (8 + 9)) &= ((9 \times (8^{(7-6) \times 5})) + (4! - (3!! + 2))) \times 1 \\
 294215 &:= 1 \times ((2 \times (3!! + ((4! + 5) \times ((6! \times 7) + 8)))) - 9) &= ((9 \times (8^{(7-6) \times 5})) + (4! - (3!! + 2))) + 1 \\
 294216 &:= (1 + (2 \times (3!! + ((4! + 5) \times ((6! \times 7) + 8)))) - 9 &= 9 - (((8 + 7!/6) - 5) \times (((4! - 3!!)/2) - 1)) \\
 294217 &:= ((1+2)!)! + ((34 \times (5 \times 6! + 7! - 8)) + 9) &= 9 - (8 - (((7! + (6^5)) - 4!) \times ((3! - 2)! - 1))) \\
 294218 &:= 1 - (23 - (4 \times (5! - ((6! - 7!) \times (8 + 9)))) &= (((9 - 8) + (7! \times 6)) \times 5) - 4^3! \times 2 \times 1 \\
 294219 &:= (1 \times 2 \times ((3!^4 \times (5! - 6)) - 7!/8)) - 9 &= ((9 \times (8^{(7-6) \times 5})) + (4! - (3!! - 2))) + 1 \\
 294220 &:= (1 + (2 \times ((3!^4 \times (5! - 6)) - 7!/8))) - 9 &= (9 + (((8 + (7^6)) - 5)/4)) \times (3^2 + 1) \\
 294221 &:= (1 + (2 + 3!)) + (4 \times ((5 - 6! + 7!) \times (8 + 9))) &= ((9 + 8) \times ((7! - 6! + 5) \times 4)) + (((3 + 2)! + 1) \\
 294222 &:= (((1 + 2)! - 3!!) \times (4! + 5)) + ((6^7/8) \times 9) &= (9 \times ((8 + 7!) \times 6)) + ((5!/4) \times (3!! + (2 - 1))) \\
 294223 &:= 1 \times (((2 + 3!) \times (4! - ((5 \times (6! - 7)) - 8!))) - 9) &= ((9 + 8) \times (((7! - 6! + 5) \times 4) + 3!)) + 21 \\
 294224 &:= (1 + ((2 + 3!) \times (4! - ((5 \times (6! - 7)) - 8!)))) - 9 &= (9 \times ((8! - 7) - 6^5)) - (((4! - 3!!) \times 2) + 1) \\
 294225 &:= 1 - (((2 - 3!!) \times (4 \times 5)) - (6^7 - 8 \times 9)) &= (9 \times ((8! - 7) - 6^5)) - ((4! - 3!!) \times 2 \times 1) \\
 294226 &:= T(2 \times (T(3 + 4!) + 5)) + T(6 + 7 + 8 + 9) &= (9 \times ((8! - 7) - 6^5)) - (((4! - 3!!) \times 2) - 1) \\
 294227 &:= (((-1 + ((2 \times 3)!) \times (4 \times 5)) + 6^7) - 89 &= (9 \times ((8^{(7-6) \times 5}) + 4)) - (3!! + (2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 294228 &:= 1 \times (((2 \times ((3!! + 4) + 5^6) - 7) + 8) \times 9) &= (9 \times ((8! - 7!) - (6^5 - 4))) + (3!^{(2+1)!}) \\
 294229 &:= 1 + (((2 \times ((3!! + 4) + 5^6) - 7) + 8) \times 9) &= (9 \times ((8^{(7-6) \times 5} + 4)) - (3!! - (2 - 1))) \\
 294230 &:= ((((-1 + 2) + 3!)^4) \times 5) - (6 - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) - (((6 \times (5! - 4^{3!}))/2) + 1) \\
 294231 &:= (((1 + 2) \times 3!! + 4) \times 5!) - 6! - (7! - 8! + 9) &= 9 + 8! + (7! + (6 \times (5 + (4!^3 \times (2 + 1)))))) \\
 294232 &:= ((1 - (2 + 3!)) + (4! \times (5^6 - 7!))) + (8! - 9) &= ((9 + 8!) \times 7) - (((6 \times (5! - 4^{3!}))/2) - 1) \\
 294233 &:= 1 \times ((2 \times (3!! + ((4! + 5) \times ((6! \times 7) + 8)))) + 9) &= (9 + (((8 + (7! \times (6 \times 5))) - 4^{3!}) \times 2)) \times 1 \\
 294234 &:= (1 + (2 \times (3!! + ((4! + 5) \times ((6! \times 7) + 8)))) + 9 &= (9 + (((8 + (7! \times (6 \times 5))) - 4^{3!}) \times 2)) + 1 \\
 294235 &:= (1 - (2 + 3!)) + (((4 \times 5!) - 6) \times (7!/8 - 9)) &= ((9 + 8) \times (((7! - 6! + 5) \times 4) + (3! + 2))) - 1 \\
 294236 &:= 1 + (2 - ((3 + 4)^5) + ((6! - 7!) \times 8 \times 9)) &= (9 \times ((8! - 7) - (6^5 + 4))) + 3!! \times 2 - 1 \\
 294237 &:= (1 \times 2 \times ((3!^4 \times (5! - 6)) - 7!/8)) + 9 &= ((9 + 8!) \times 7) - (6 \times (((5! - 4^{3!})/2) - 1)) \\
 294238 &:= (1 - ((2 \times 3!)^4)) + ((5 + (6^7/8)) \times 9) &= (9 \times ((8! - 7) - (6^5 + 4))) + (3!! \times 2 + 1) \\
 294239 &:= (((1 + 2) \times (3! + 4)^5) - (6! + 7!)) + (8 - 9) &= (((9 + 8!/7!) \times 6!) + 5) \times 4! + (3!!/2 - 1) \\
 294240 &:= (((1 + 2) \times (3! + 4)^5) - 6!) - ((7! + 8!)/9) &= (9 \times 8 \times (7! - 6!)) - ((5! \times 4) \times (3!^2 - 1)) \\
 294241 &:= (((1 + 2) \times (3! + 4)^5) - (6! + 7! + 8)) + 9 &= (((9 + 8!/7!) \times 6!) + 5) \times 4! + (3!!/2 + 1) \\
 294242 &:= (1 + ((2 + 3!) \times (4! - ((5 \times (6! - 7)) - 8!)))) + 9 &= (9 + 8! \times 7) - (6 - ((5! \times ((4 + 3!)^2)) - 1)) \\
 294243 &:= ((1 + 2)! \times (3!^4 - (5 - 6!))) + (7 \times (8! - 9)) &= (9 + 8! \times 7) - (6 - (5! \times ((4 + 3!)^2 \times 1))) \\
 294244 &:= ((12 \times 3!!) + 4) + ((5 \times 6) \times (7! + 8!/9)) &= 9 + (((8! \times 7) - 6) + ((5! \times ((4 + 3!)^2)) + 1)) \\
 294245 &:= 1 - (2 - (3! + (4 \times (5! - ((6! - 7!) \times (8 + 9)))))) &= (((9 + 8) \times (7! - 6!)) + 5!) \times 4 + 3 + (2 \times 1) \\
 294246 &:= 1 \times 2 \times ((3!^4 \times (5! - 6)) - (7!/8 - 9)) &= (((9 + 8) \times (7! - 6!)) + 5!) \times 4 + (3 + 2) + 1 \\
 294247 &:= 1 - ((2 - ((3!! + ((4 \times (5! + 6!)) + 7)) \times 8)) \times 9) &= (((9 + 8) \times (7! - 6!)) + 5!) \times 4 + (3! + (2 - 1)) \\
 294248 &:= 1 \times (2 + (3! + (4 \times (5! - ((6! - 7!) \times (8 + 9)))))) &= (9 \times ((8! - 7) - 6^5)) - 4! + 3!! \times 2 - 1 \\
 294249 &:= (((1 + 2) \times 3!! + 4) \times 5!) - 6! - (7! - 8! - 9) &= (9 \times (8 + 7)) - 6 \times ((5! \times (4! - (3 + 2))) + 1) \\
 294250 &:= ((1 - (2 + 3!)) + (4! \times (5^6 - 7!))) + (8! + 9) &= (9 \times ((8! - 7) - 6^5)) - 4! + (3!! \times 2 + 1) \\
 294251 &:= (1 + ((23^4) + (5! \times (((6 + 7) - 8)!))) + 9 &= (9 \times (8 + 7!)) - (((6! - 5) \times ((4! - 3!)/2)) + 1) \\
 294252 &:= 1 \times 2 \times (3!! + (((4! + 5) \times (6 + 7!)) + 8 \times 9)) &= (9 \times (8 + 7!)) - ((6! - 5) \times ((4! - 3!)/2 \times 1)) \\
 294253 &:= 1 + 2 \times 3! + (4 \times (5! - ((6! - 7!) \times (8 + 9)))) &= (9 \times (8 + 7!)) - (((6! - 5) \times ((4! - 3!)/2)) - 1) \\
 294254 &:= 1 - (((2 - 3!!) \times 4!) - ((5 + 6) \times 7)) \times (8 + 9)) &= (9 + 8! \times 7) + ((6 + (5! \times ((4 + 3!)^2)) - 1) \\
 294255 &:= 1 - (((2 - (3!! \times 4)) \times 5) - (6^7 - 8 \times 9)) &= (9 + 8! \times 7) + (6 + (5! \times ((4 + 3!)^2 \times 1))) \\
 294256 &:= 1 \times ((2 \times ((3 + 4)! - 5!)) + (6^7 + 8!/9)) &= ((9 \times ((8! + 7) - (6^5 - 4! \times 3!))) + 2) - 1 \\
 294257 &:= 1 + ((2 \times ((3 + 4)! - 5!)) + (6^7 + 8!/9)) &= ((9 \times ((8! + 7) - (6^5 - 4! \times 3!))) + 2) \times 1 \\
 294258 &:= (1 + 2) \times (3^4 + ((5 + (6! + 7!)) \times (8 + 9))) &= ((9 \times ((8! + 7) - (6^5 - 4! \times 3!))) + 2) + 1 \\
 294259 &:= (1 + 2)! + (((3! \times (4! \times 5! + 6)) - 7) \times (8 + 9)) &= (9 + ((8 + 7! - 6!/5) \times (4! + 3!))) \times 2 + 1 \\
 294260 &:= 1 \times ((2 + ((3 \times 4)^5)) - (6 - ((7! + 8) \times 9))) &= (((9 + 8 - 7) \times ((6 + 5)^4)) + 3!!) \times 2 \times 1 \\
 294261 &:= 1 + ((2 + ((3 \times 4)^5)) - (6 - ((7! + 8) \times 9))) &= (((9 + 8 - 7) \times ((6 + 5)^4)) + 3!!) \times 2 + 1 \\
 294262 &:= ((1 + 2) \times (3!! + ((4! - 5) \times (6 + 7!)))) + 8!/9 &= (9 \times (8! - 7!)) - (((6^5 - 4!) \times 3) + 2 \times 1) \\
 294263 &:= 1 - ((2 - (3!! \times (4 \times 5))) - (6^7 - 8 \times 9)) &= (9 \times (8 + 7!)) - ((6^5 \times (4 - 3!^2)) + 1) \\
 294264 &:= 1 \times 2 \times (((3!! + 4) + (5^6 + (7 - 8))) \times 9) &= ((9 \times ((8! - 7) - 6^5)) - ((4 - 3!) \times 2)) - 1 \\
 294265 &:= (1 + (2 \times 3!! \times 4!)) + ((5 \times 6! + 7) \times 8 \times 9) &= (9 \times (8 + 7!)) - ((6^5 \times (4 - 3!^2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 294266 &:= (1 \times 2 + ((3 \times 4)^5)) + (((6! \times 7) + 8) \times 9) &= ((9 \times ((8! - 7) - 6^5)) - ((4 - 3!) \times 2)) + 1 \\
 294267 &:= 1 + (((2 + (3!! \times (4 \times 5))) + 6^7) - 8 \times 9) &= (9 \times (8! - 7!)) - (((6^5 - 4!) \times 3) - 2 - 1) \\
 294268 &:= -1 \times (2 - (((3 \times 4)^5) + (6 + ((7! + 8) \times 9)))) &= ((9 \times ((8! - 7) - 6^5)) - (4 - 3! \times 2)) - 1 \\
 294269 &:= 1 - (2 - (((3!! \times 4) + 5) \times (6 + (7 + 89)))) &= (9 \times ((8! - 7) - 6^5)) + (4 \times (3!!/2 - 1)) \\
 294270 &:= (1 + 2)! - (((3 \times 4!) - 5) \times (6! - (7! + 8 \times 9))) &= ((9 \times ((8! - 7) - 6^5)) - (4 - 3! \times 2)) + 1 \\
 294271 &:= 1 - (((2 - 3!!) \times 4!) - (5! - (6 \times 7))) \times (8 + 9) &= (9 \times (((8 + 7) \times (6! + 5)) + 4!) \times 3) - 2 \times 1 \\
 294272 &:= (1 - 2 \times 3!) \times (((4! + (5! - 6 \times 7!)) \times 8) / 9) &= (9 \times ((8! - 7) - (6^{5/4!}))) + 3!! \times 2 - 1 \\
 294273 &:= (1 - 2^{3!}) \times (4^5 - (((6! - 7) \times 8) - 9)) &= (9 \times (8 + (7 + 6))) \times (5! - (4 - (3!! \times 2 + 1))) \\
 294274 &:= 1 \times (((2 + 3!! \times 4) \times 5) + 6^7) - 8 \times 9 &= (9 \times ((8! - 7) - (6^{5/4!}))) + (3!! \times 2 + 1) \\
 294275 &:= 1 \times 2 - (3^4 \times (5! + (6! + (7 - 8!/9)))) &= (((9 + 8) \times (7! - 6!)) + 5!) \times 4 + (3!^2 - 1) \\
 294276 &:= ((1 + 2) \times (3! + 4)^5) - ((6 + 7!/8) \times 9) &= ((9 \times ((8! - 7) - 6^5)) + 4) + 3!! \times 2 - 1 \\
 294277 &:= (((1 + 2)! + 3!! \times 4) \times 5) + 6^7 - 89 &= (((9 + 8) \times (7! - 6!)) + 5!) \times 4 + 3!^2 + 1 \\
 294278 &:= 1 \times 2 - ((3!! - 4) \times (5! - ((67 - 8) \times 9))) &= ((9 \times ((8! - 7) - 6^5)) + 4) + (3!! \times 2 + 1) \\
 294279 &:= (1 + 2)! - (3^4 \times (5! + (6! + (7 - 8!/9)))) &= 9 \times 8 + (((7! \times (6 \times 5)) - 4^{3!}) \times 2) - 1 \\
 294280 &:= (((1 - ((2 - 3!!) \times (4 \times 5))) + 6^7) - 8) - 9 &= (9 \times ((8! - 7) - 6^5)) + (((4 + 3!!) \times 2) - 1) \\
 294281 &:= (1 - ((2 \times (3!! \times 4) + 5!)) + (67 \times (8!/9))) &= 9 \times 8 + (((7! \times (6 \times 5)) - 4^{3!}) \times 2) + 1 \\
 294282 &:= 1 \times (2 \times (3!! + ((4! + 5) \times (((6 - (7 - 8)))! + 9)))) &= (9 \times ((8! - 7) - 6^5)) + (((4 + 3!!) \times 2) + 1) \\
 294283 &:= 1 + (2 \times (3!! + ((4! + 5) \times (((6 - (7 - 8)))! + 9)))) &= (((9 + 8) \times (7 + 6)) + 5!) \times ((4! \times (3!^2)) - 1) \\
 294284 &:= (((1 - (2 - 3!!) \times 4) \times 5) + 6^7) - 8) - 9 &= ((-9 + 8!) \times 7) + (6 + (((5! - (4 + 3!))^2) + 1)) \\
 294285 &:= (((1 + 2)^{3!}) + 4 + 5!) \times ((6 \times 7 \times 8) + 9) &= (9 + (8 \times (7 \times 6))) \times ((5! + 4) + (3^{(2+1)!})) \\
 294286 &:= 1 \times (2 \times (3!! + (((4! + 5) \times (6 + 7!)) + 89))) &= ((-9 - 8) \times (7 - ((6 \times (5! \times 4! + 3!)) + 2))) - 1 \\
 294287 &:= ((1 + 2) \times (3! + 4)^5) - (((6! - 7) \times 8) + 9) &= (9 \times (8 \times 7! - 6^5)) - (((4! - 3!!) \times 2) + 1) \\
 294288 &:= (1 - ((2^{3!}) - ((4! \times (5^6 - 7!)) + 8!))) - 9 &= (9 \times 8 \times (7 + (6! \times 5))) + (4! \times (3!! \times 2 + 1)) \\
 294289 &:= 1 + (((2 + 3!)! + (4! \times (5^6 - 7!))) - 8 \times 9) &= (9 \times (8 \times 7! - 6^5)) - (((4! - 3!!) \times 2) - 1) \\
 294290 &:= (((-1 - (2 - 3!!) \times 4) \times 5) + (6^7 + 8)) - 9 &= (((9 \times 8) + (7^6)) - 5) / 4 \times (3^2 + 1) \\
 294291 &:= (1 - 2^{3!}) + (((4 \times 5!) - 6) \times (7!/8 - 9)) &= 9 + 8! + (7! + (6 \times ((5 + (4!^3)) \times (2 + 1)))) \\
 294292 &:= 1 + ((2 + (3 \times (4! + ((5 + 6!) \times (7 + 8)))) \times 9) &= 9 + (((8 \times (7 \times 6)) + 5) \times ((4! \times (3!^2)) - 1)) \\
 294293 &:= (1 + 2)!! - (((3 - 4! \times 5!) \times 6) - 7) \times (8 + 9) &= 9 + (8 + ((7 - 6!/5) \times ((4 - 3!!) \times (2 + 1)))) \\
 294294 &:= (((1 + 2)! + 3!! \times 4) \times 5) + 6^7 - 8 \times 9 &= (9 \times (8 + 7!)) + (6 \times (5 + (4!^3 \times (2 + 1)))) \\
 294295 &:= ((1 + ((2 - 3!!) \times (4 \times 5))) - 6^7) \times (8 - 9) &= (-9 - (8 \times (76 - ((5! + 4! \times 3!^2)))) \times 1 \\
 294296 &:= 1 \times (((2 - 3!!) \times (4 \times 5)) - 6^7) \times (8 - 9) &= 9 + (((8 + (7! \times 6)) \times 5) - 4^{3!}) \times 2 - 1 \\
 294297 &:= 1 - (((2 - 3!!) \times (4 \times 5)) + (6^7 \times (8 - 9))) &= (((9 + 8!) \times 7) - 6) + (5! \times ((4 + 3!)^2)) \times 1 \\
 294298 &:= (((1 - ((2 - 3!!) \times (4 \times 5))) + 6^7) - 8) + 9 &= ((9 \times ((8! - 7) - 6^5)) + 4!) + (3!! \times 2 + 1) \\
 294299 &:= 1 - (2 + ((3!! - (4 \times (5 + 6!))) \times ((7 + 8) \times 9))) &= (9 \times (8! - 7!)) - (6! + (((5 \times (4! + 3!))^2) + 1)) \\
 294300 &:= (((1 - (2 - 3!!) \times 4) \times 5) + (6^7 + 8)) - 9 &= ((9 \times (8 - ((7 - 6!) \times 5))) + (4^{3^2})) - 1 \\
 294301 &:= ((1 - (2 - 3!!) \times 4) \times 5) - (6^7 \times (8 - 9)) &= ((9 \times (8 - ((7 - 6!) \times 5))) + (4^{3^2})) \times 1 \\
 294302 &:= (((1 - (2 - 3!!) \times 4) \times 5) + 6^7) - 8) + 9 &= ((9 \times (8 - ((7 - 6!) \times 5))) + (4^{3^2})) + 1
 \end{aligned}$$

$$\begin{aligned}
 294303 &:= ((1+2)! \times (3!^4 + (5+6!))) + (7 \times (8! - 9)) &= (((9 \times (8+7)) \times (((6!+5) \times 4) - 3!)) + 2) + 1 \\
 294304 &:= (1 \times 2 + 3!) \times (4! - ((5 \times (6! - 7)) - 8! - 9)) &= ((9+8) \times 7) - (((6! - 5!) \times (4 - (3! - 2)!)) - 1) \\
 294305 &:= ((1 + ((2 + 3!!) \times (4 \times 5))) + 6^7) - 8 \times 9 &= 98 + (((7! \times (6 \times 5)) - 4^{3!}) \times 2) - 1 \\
 294306 &:= (1 - ((2^{3!} - ((4! \times (5^6 - 7!)) + 8!))) + 9 &= (9 \times (8! - (7! + 6))) - (5! \times ((4! \times (3! + 2)) + 1)) \\
 294307 &:= (((12 + 3!! \times 4) \times 5) + 6^7) - 89 &= 98 + (((7! \times (6 \times 5)) - 4^{3!}) \times 2) + 1 \\
 294308 &:= 1 - (2 - ((3 - (4 \times 5!)) \times (6 - (7 \times 89)))) &= (9 \times ((8! - 7) - (6^5 - 4))) + 3!! \times 2 - 1 \\
 294309 &:= (((1 + ((2 + 3!!) \times 4) \times 5) + 6^7) - 8 \times 9 &= (9 + 8! - 7!) + (((6 \times 5!)/4) \times (3!! \times 2 - 1)) \\
 294310 &:= (1 + (2 \times ((3 \times ((4 \times (5^6)) - 7)) - 8!))) - 9 &= (9 \times ((8! - 7) - (6^5 - 4))) + (3!! \times 2 + 1) \\
 294311 &:= 1 - (((2 + 3) - 4!) \times (5^6 - ((7 + 8) \times 9))) &= ((9 \times (8 \times 7! - 6^5)) - 4!) + 3!! \times 2 - 1 \\
 294312 &:= ((1 + 2) \times (((3! + 4)^5) - 6)) - ((7!/8) \times 9) &= (9 \times (8^{(7-6) \times 5})) - (4! \times ((3! - 2)! + 1)) \\
 294313 &:= (1 - (((2 \times 3!)^4) - 5!)) + ((6^7/8) \times 9) &= ((9 \times (8 \times 7! - 6^5)) - 4!) + (3!! \times 2 + 1) \\
 294314 &:= ((1 + ((2 + 3^4) \times (5 \times 6!))) - 7) - 8!/9 &= 98 + (((7! + (6^5)) - 4!) \times ((3! - 2)! - 1)) \\
 294315 &:= (((1 + 2)! \times (3!^4 - (5 - 6!))) + 7 \times 8!) + 9 &= (9 + ((8! \times ((7 - 6) \times 5)/4!)) \times (3!^2 - 1) \\
 294316 &:= (1 - 2 \times 3!) \times (4 + 5! - ((6 \times 7! \times 8)/9)) &= ((9 + (8 \times (7!/6 - 5))) \times 4) \times ((3! \times 2) - 1) \\
 294317 &:= 1 - (2 - (((3 \times 4)^5) + ((6 + 7! + 8) \times 9))) &= -9 - ((87 \times 6) - ((543^2) - 1)) \\
 294318 &:= (((1 - (2 - 3!!) \times 4) \times 5) + (6^7 + 8)) + 9 &= (9 + (8! + ((7 + 6!) \times (5 + 4 + 3)))) \times (2 + 1)! \\
 294319 &:= ((1 + 2)!)! + (((3!! \times (4! - 5)) + 6^7) - (8 + 9)) &= (9 \times (8! - 7!)) + (((6! + 5) \times (4 - 3!^2)) - 1) \\
 294320 &:= (1 \times 2 + ((3 \times 4)^5)) + ((6 + 7! + 8) \times 9) &= (9 \times ((8! - 7) - 6^5)) + (((4! + 3!!) \times 2) - 1) \\
 294321 &:= 1 - (((2 + 3!) \times (4 \times (5 + 6!))) + ((7! - 8!) \times 9)) &= (9 \times (8! - 7!)) + (((6! + 5) \times (4 - 3!^2)) + 1) \\
 294322 &:= (1 + 2) + (((3!! \times (4 \times 5)) + 6^7) - (8 + 9)) &= (9 \times ((8! - 7) - 6^5)) + (((4! + 3!!) \times 2) + 1) \\
 294323 &:= 1 - (2 \times ((34 \times ((5! \times 6) - 7! - 8)) - 9)) &= (((-9 + 8! \times 7) + (6^5)) - 4) + (3! \times (2 + 1)!!) \\
 294324 &:= (((1 + 2) \times (3! + 4)^5) - 6) - ((7!/8) \times 9) &= (-98 + ((7!/6! + 5) \times 4^{3!})) \times (2 + 1)! \\
 294325 &:= ((1 + ((2 - (3!! \times 4) \times 5)) - 6^7) \times (8 - 9)) &= (((-9 + 8! \times 7) - 6) + ((5! - (4 + 3!))^2)) \times 1 \\
 294326 &:= 1 \times (((2 - (3!! \times 4) \times 5) - 6^7) \times (8 - 9)) &= (-9 + 8! \times 7) + (((6 + 5!) \times (4 \times (3! - 2)!)) - 1) \\
 294327 &:= 1 - (((2 - (3!! \times 4) \times 5) + (6^7 \times (8 - 9))) &= (9 - ((8! + (7! - 6!))/5)) \times (4 - (3!^2 + 1)) \\
 294328 &:= (1 - ((2 \times 3!)^4)) + (((5! + 6^7)/8) \times 9) &= ((9 \times (8 \times 7! - 6^5)) - ((4 - 3!!) \times 2)) \times 1 \\
 294329 &:= 1 \times 2 - (3 \times ((4 - ((5! \times (6! + 7))/8)) \times 9)) &= ((9 \times (8 \times 7! - 6^5)) - ((4 - 3!!) \times 2)) + 1 \\
 294330 &:= ((1 + 2) \times (3! + 4)^5) - ((6! \times 7/8) \times 9) &= (9 + (((8! - 7!)/6) \times 5) + 4!) \times (3^2 + 1) \\
 294331 &:= (((12 + (3!! \times (4 \times 5))) + 6^7) - 8) - 9 &= ((9 \times (8 \times 7! - 6^5)) - (4 - 3!! \times 2)) - 1 \\
 294332 &:= 1 - (23 - (((4 \times 5!) - 6) \times (7!/8 - 9))) &= (9 \times (8 \times 7! - 6^5)) + (4 \times (3!!/2 - 1)) \\
 294333 &:= (1 + 2)! - (3 \times ((4 - ((5! \times (6! + 7))/8)) \times 9)) &= 9 + 8! - ((7 + (6! + 5)) \times (((4! - 3!!)/2) + 1)) \\
 294334 &:= 1 \times (((2 - (3!! \times (4 \times 5))) - 6^7) \times (8 - 9)) &= ((9 \times ((8 - 7 + 6)^5)) - 4^{3!}) \times 2 \times 1 \\
 294335 &:= 1 + (((2 - (3!! \times (4 \times 5))) - 6^7) \times (8 - 9)) &= (9 \times (8! - (7! - ((6 - 5!) \times 4!)))) + 3!! \times 2 - 1 \\
 294336 &:= (1 \times 2 + 3!) \times (((4^{5-6+7}) - 8) \times 9) &= (9 \times (8!/7)) + (6 \times (5! - (4! - (3! + 2 \times 1)!))) \\
 294337 &:= (1 + 2 \times 3!!) - (((4! \times (5! - 6)) + 7! - 8!) \times 9) &= 9 + 8! - (7 - (((6 + 5!) \times (4!/3!))^2) - 1) \\
 294338 &:= (1 \times 2 + (3!! \times (4 \times 5))) - (6^7 \times (8 - 9)) &= 9 + 8! + (7 \times (((6 + 5!) \times (4! \times 3! \times 2)) - 1)) \\
 294339 &:= (1 - ((2 \times 3!! - 4) \times 5)) \times (6 - ((7 \times 8) - 9)) &= 9 + 8! - (7 - (((6 + 5!) \times (4!/3!))^2) + 1) \\
 294340 &:= 1 - (2 \times 3! - ((4! \times (5^6 - 7!)) + 8! - 9)) &= ((9 \times (8 \times 7! - 6^5)) + (4 + 3!! \times 2)) \times 1
 \end{aligned}$$

$$\begin{aligned}
 294341 &:= (((1+2)! + (3!! \times (4 \times 5))) + (6^7 + 8)) - 9 &= (9 \times (8! - (7! + 6))) - ((5^4) \times (3!^2 + 1)) \\
 294342 &:= 1 \times (2 \times (((3 \times 4) \times (5^6)) - (7! \times 8 + 9))) &= (((9 + 8! \times 7) - 6) + ((5! - (4 + 3!))^2)) - 1 \\
 294343 &:= (1 - 2 \times 3!) + (((4 \times 5!) - 6) \times (7!/8 - 9)) &= ((9 \times (8 \times 7! - 6^5)) + ((4 + 3!) \times 2)) - 1 \\
 294344 &:= 1 - (((2 - (3!! \times 4)) \times 5) - (6^7 + 8 + 9)) &= ((9 \times (8 \times 7! - 6^5)) + ((4 + 3!) \times 2)) \times 1 \\
 294345 &:= ((1 - ((2 + 3!! \times 4) \times 5)) - 6^7) \times (8 - 9) &= ((9 \times (8 \times 7! - 6^5)) + ((4 + 3!) \times 2)) + 1 \\
 294346 &:= ((1 + ((2 + 3!! \times 4) \times 5)) + 6^7) + (8 - 9) &= 9 - ((8 \times ((7 \times ((6 + 5!) \times 4)) - (3! + 2)!)) - 1) \\
 294347 &:= 1 \times 2 - (3! - ((4! \times (5^6 - 7!)) + 8! - 9)) &= ((-9 + ((8!/7!)^6))/5) + ((4!/3!) \times (2 + 1)!) \\
 294348 &:= (1 \times 2 \times (3!^4 - 5)) \times (6 \times 7 + 8 \times 9) &= (9 + (8!/(7!/6))) \times (5! + (4 + ((3! + (2 - 1)!)))!) \\
 294349 &:= (((1+2)! + 3!! \times 4) \times 5) + 6^7 - (8 + 9) &= ((9 + 8! \times 7) + (((6 + 5) \times (4 + 3!))^2)) \times 1 \\
 294350 &:= 1 \times 2 - (3 - ((4! \times (5^6 - 7!)) + 8! - 9)) &= (9 \times ((8! + 7) - 6^5)) - (((4! - 3!) \times 2) + 1) \\
 294351 &:= 1 + ((2 - 3) + ((4! \times (5^6 - 7!)) + 8! - 9)) &= 9 + 8! + ((7 + (((6 + 5!) \times (4!/3!))^2)) - 1) \\
 294352 &:= (((1+2)!! + 3!^4) \times (5! + 6)) + 7 + (8! + 9) &= (9 \times ((8! + 7) - 6^5)) - (((4! - 3!) \times 2) - 1) \\
 294353 &:= 1 \times 2 - (3 - (((4 \times 5!) - 6) \times (7!/8 - 9))) &= (9 + 8! \times 7) + (((6! + 5^4) \times (3^2)) - 1) \\
 294354 &:= (1 + 2)!! - (3!! - (((4 \times 5!) - 6) \times (7!/8 - 9))) &= (9 + 8! \times 7 + 6) + (((5! - (4 + 3!))^2) - 1) \\
 294355 &:= ((1 \times 2 + (3!! \times (4 \times 5))) + (6^7 + 8)) + 9 &= (((9 \times 8) + 7) \times (6 + (5 \times (4! + 3!)))) + 2 - 1 \\
 294356 &:= 1 \times 2 \times (((3 \times 4) \times (5^6)) + (7 - 8! - 9)) &= (9 + 8! \times 7) + (6 + (((5! - (4 + 3!))^2) + 1)) \\
 294357 &:= (1 + 2)! - (3 - (((4 \times 5!) - 6) \times (7!/8 - 9))) &= (((((9 + 8!/7!) \times 6!) - 5) \times 4!) + (3!! - 2)) - 1 \\
 294358 &:= ((1 - 2 \times 3!) + (4! \times (5^6 - 7!))) + (8! + 9) &= (((((9 + 8!/7!) \times 6!) - 5) \times 4!) + (3!! - 2)) \times 1 \\
 294359 &:= 1 \times 2 + (3! + ((4! \times (5^6 - 7!)) + 8! - 9)) &= 9 + (((8 \times ((7! + 6) \times 5))/4!) \times (3!^2 - 1)) \\
 294360 &:= ((1 - 2 \times 3!) \times 4!) \times (5 + ((6 \times 7! - 8!)/9)) &= (9 \times (8! - (7 \times 6!))) - (5! \times ((4! \times (3! + 2)) + 1)) \\
 294361 &:= (1 - ((2 + 3!)! + (4! \times (5 - 6!)))) - ((7! - 8!) \times 9) &= ((9 + 8!/7!) \times ((6! + 5) \times 4!)) - (3!! \times 2 - 1) \\
 294362 &:= 1 \times 2 + 3! + (((4 \times 5!) - 6) \times (7!/8 - 9)) &= (9 \times ((8! + 7) - (6^5 + 4))) + 3!! \times 2 - 1 \\
 294363 &:= (1 + 2) + (3! + (((4 \times 5!) - 6) \times (7!/8 - 9))) &= (((((9 + 8!/7!) \times 6!) - 5) \times 4!) + 3!! + 2) + 1 \\
 294364 &:= ((1 + 2 \times 3!) + (4! \times (5^6 - 7!))) + (8! - 9) &= (9 \times ((8! + 7) - (6^5 + 4))) + (3!! \times 2 + 1) \\
 294365 &:= 1 \times 2 - (3! - ((4! \times (5^6 - 7!)) + 8! + 9)) &= (((-9 - 8!) + (((7 + (6^5)) \times 4!) + 3!)) \times 2) - 1 \\
 294366 &:= 1 + ((2 + (3^4 \times (5 \times (6! + 7)))) - 8 \times 9) &= ((9 \times (8! - 7!)) + 6) - (5! \times ((4! \times (3! + 2)) + 1)) \\
 294367 &:= 1 + 2 \times 3! + (((4 \times 5!) - 6) \times (7!/8 - 9)) &= 9 + (8 + ((7 \times (6! + 5)) \times ((4^3) - (2 + 1)!))) \\
 294368 &:= 1 \times 2 \times ((3!^4 \times (5! - 6)) - (7! - 8!/9)) &= 9 - (((8 - (7! - (6 + 5!))) \times ((4! + 3!) \times 2)) + 1) \\
 294369 &:= 1 - (((2 - 3!!) \times (4 \times 5)) - (6^7 + 8 \times 9)) &= (9 + ((8! + 7!) \times 6)) + (((5 + 4! \times 3!)^2) - 1) \\
 294370 &:= 1 - (((2 - 3) \times 4!) \times (5^6 - 7!)) - 8! - 9 &= 9 - (((8 - (7! - (6 + 5!))) \times ((4! + 3!) \times 2)) - 1) \\
 294371 &:= (((1 - ((2 + 3!!) \times 4)) \times 5) - 6^7) \times (8 - 9) &= 9 + (((8! + 7!) \times 6) + (((5 + 4! \times 3!)^2) + 1)) \\
 294372 &:= ((1 + 2 \times 3!) \times 4) \times (((5 - 6) + 7!/8) \times 9) &= ((9 + 8) \times (7! - (6! - (5 + 4)))) \times ((3 + 2) - 1) \\
 294373 &:= (((1 - (2 - 3!!) \times 4) \times 5) + 6^7) + 8 \times 9 &= (9 - (8!/7)) + ((6! + (5! - 4)) \times (3!!/2 - 1)) \\
 294374 &:= 1 - ((2 - 3!) - ((4! \times (5^6 - 7!)) + 8! + 9)) &= ((9 \times ((8! + 7) - 6^5)) - 4!) + 3!! \times 2 - 1 \\
 294375 &:= ((1 - ((2 + 3!!) \times (4 \times 5))) - 6^7) \times (8 - 9) &= (9 + ((8! \times 7 + (6!/5))/4!)) \times ((3! - 2)! + 1) \\
 294376 &:= ((1 + ((2 + 3!!) \times (4 \times 5))) + (6^7 + 8)) - 9 &= ((9 \times ((8! + 7) - 6^5)) - 4!) + (3!! \times 2 + 1) \\
 294377 &:= 1 \times 2 + (3! + ((4! \times (5^6 - 7!)) + 8! + 9)) &= (((((9 + 8) + (7! \times 6)) \times 5) - 4^{3!}) \times 2) - 1 \\
 294378 &:= 1 \times (2 \times (((3 \times 4) \times (5^6)) - 7! \times 8 + 9)) &= (((((9 + 8) + (7! \times 6)) \times 5) - 4^{3!}) \times 2) \times 1
 \end{aligned}$$

$$\begin{aligned}
 294379 &:= 1 + (2 \times (((3 \times 4) \times (5^6)) - 7! \times 8 + 9)) &= (((((9 + 8) + (7! \times 6)) \times 5) - 4^{3!}) \times 2) + 1 \\
 294380 &:= (((1 + ((2 + 3!) \times 4)) \times 5) + 6^7) + (8 - 9) &= (9 - 8) \times ((7!/6 - 5 \times 4) \times (3!/2 - 1)) \\
 294381 &:= ((1 + ((2 + 3!) \times 4)) \times 5) - (6^7 \times (8 - 9)) &= 9 - 8 + ((7!/6 - 5 \times 4) \times (3!/2 - 1)) \\
 294382 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times 6!) + 7!/8) - 9 &= (((9 - 87) \times 6) + (543^2)) + 1 \\
 294383 &:= (((1 + (2 + 3!)) + (4^5 + 6!)) \times 7) - 8 \times 9 &= (9 \times (8 \times 7! - 6^5)) + (((4! + 3!) \times 2) - 1) \\
 294384 &:= (1 \times 2 + 3!) + (4! \times (5^6 - (7! + (8 - 9)))) &= (9 \times (8 \times 7! - 6^5)) + ((4! + 3!) \times 2 \times 1) \\
 294385 &:= (1 + (2 + 3!)) + (4! \times (5^6 - (7! + (8 - 9)))) &= (9 \times (8 \times 7! - 6^5)) + (((4! + 3!) \times 2) + 1) \\
 294386 &:= 1 - (((2 - 3!) \times (4 \times 5)) - (6^7 + 89)) &= 9 + (((8! + ((7 + 6!) \times (5! + (4! + 3)))) \times 2) - 1) \\
 294387 &:= 1 \times ((2 \times (((3 + 4! + 5!) \times (6! + 7)) + 8!)) + 9) &= ((9 \times (8! - ((7! \times 6 - 5!)/4))) - (3!! + 2)) - 1 \\
 294388 &:= 1 + ((2 \times (((3 + 4! + 5!) \times (6! + 7)) + 8!)) + 9) &= 9 + (((8! + ((7 + 6!) \times (5! + (4! + 3)))) \times 2) + 1) \\
 294389 &:= (1 - 2) + (((3 + (45 \times (6! + 7))) - 8) \times 9) &= (9 \times (8! - 7!)) - (6 + ((5^4) \times (3!^2 + 1))) \\
 294390 &:= (1 + 2)!! - (3! \times (4! - (5 \times 6! + (7! + 8! + 9)))) &= (9 \times ((8! + 7) - 6^5)) - (((4 - 3!) \times 2) + 1) \\
 294391 &:= 1 \times 2 + ((3!! \times 4! - (5 - (6 \times 7))) \times (8 + 9)) &= (9 \times ((8! + 7) - 6^5)) - ((4 - 3!) \times 2 \times 1) \\
 294392 &:= 1 \times 2 \times (((3 \times 4) \times (5^6)) + (7 - 8! + 9)) &= 9 - (((8! - (((7 + (6^5)) \times 4!) + 3!)) \times 2) + 1) \\
 294393 &:= ((1 - (2 + 3!)) \times (4! - 5!)) + (6! + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + ((5! - 4!) \times (((3 + 2)!) - 1)) \\
 294394 &:= (1 + (2 \times ((3 \times ((4 \times (5^6)) + 7)) - 8!)) - 9 &= 9 - (((8! - (((7 + (6^5)) \times 4!) + 3!)) \times 2) - 1) \\
 294395 &:= (1 + 2)! + ((3!! \times 4! - (5 - (6 \times 7))) \times (8 + 9)) &= ((9 + (8! + ((7 + 6!) \times (5! + (4! + 3)))) \times 2) - 1) \\
 294396 &:= 1 \times (2 \times (((3 + 4! + 5!) \times (6! + 7)) + 8! + 9)) &= ((9 + (8! + ((7 + 6!) \times (5! + (4! + 3)))) \times 2) \times 1) \\
 294397 &:= 1 + (2 \times (((3 + 4! + 5!) \times (6! + 7)) + 8! + 9)) &= ((9 + (8! + ((7 + 6!) \times (5! + (4! + 3)))) \times 2) + 1) \\
 294398 &:= 1 - (2 + ((3 \times (4! - (5! \times 6!))) + (7! - 8! + 9))) &= (9 \times ((8! + 7) - (6^{5!/4!})) + 3!! \times 2 - 1) \\
 294399 &:= 1 - (((2 - (3!! \times 4)) \times 5) - (6^7 + 8 \times 9)) &= ((((((9 + 8) + 7!) - 6) \times (5 + 4!)) + 3!!) \times 2) + 1) \\
 294400 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times 6!) + 7!/8) + 9 &= (9 \times ((8! + 7) - (6^{5!/4!})) + (3!! \times 2 + 1)) \\
 294401 &:= (1 + ((2 + 3!) \times 4)) + (5 \times ((6^7 - 8!)/9)) &= (9 \times (8! - 7!)) + (6 - ((5^4) \times (3!^2 + 1))) \\
 294402 &:= 1 + (2 - ((3 \times (4! - (5! \times 6!))) + (7! - 8! + 9))) &= (((9 - 8!) + (((7 + (6^5)) \times 4!) + 3!)) \times 2) \times 1) \\
 294403 &:= (((-1 + ((2 + 3!) \times 4!)) \times 5) + 6^7) + 8 \times 9 &= (((9 - 8!) + (((7 + (6^5)) \times 4!) + 3!)) \times 2) + 1) \\
 294404 &:= ((1 + (2 + 3!)) \times 4) + (5 \times ((6^7 - 8!)/9)) &= ((9 \times ((8! + 7) - 6^5)) + 4) + (3!! \times 2 + 1) \\
 294405 &:= ((1 + 2)! - ((3 \times (4! - (5! \times 6!))) + 7! - 8!)) - 9 &= ((9 \times ((8^{(7-6) \times 5} + 4!)) - 3) - ((2 + 1)!)) \\
 294406 &:= ((1 - (2 \times (3! + 4!))) \times (5! + (6 - 7!))) + 8!/9 &= ((9 \times ((8! + 7) - 6^5)) + ((4 + 3!) \times 2)) - 1) \\
 294407 &:= 1 - (2 - (((3 - 4 + 5)^6) - 7) \times 8 \times 9) &= ((9 + 8!) \times 7) + (((6! + 5^4) \times (3^2)) - 1) \\
 294408 &:= ((1 + 2)!! + (3!!/4 \times 5!)) + ((6 \times 7! - 8) \times 9) &= ((9 \times ((8! + 7) - 6^5)) + ((4 + 3!) \times 2)) + 1) \\
 294409 &:= (1 - ((2 + (3 \times (4 - 5!))) \times 6!)) + ((7! - 8) \times 9) &= (9 \times (((8 + 7!) \times 6) + 5!)) + (((4! \times 3!)^2) + 1) \\
 294410 &:= 1 \times 2 - (((3 - 4!) \times 5!) - (6 \times (7! - 8))) \times 9 &= (((9 + ((8! - 7!)/6)) \times 5) - 4) \times (3^2 + 1) \\
 294411 &:= 1 \times ((2 \times ((3 \times ((4 \times (5^6)) + 7)) - 8!)) + 9) &= ((9 + 8! \times 7) - 6) - (5! - (4^{3!} \times (2 + 1))) \\
 294412 &:= (1 + (2 \times ((3 \times ((4 \times (5^6)) + 7)) - 8!)) + 9 &= (((-9 + 8!) \times 7) - (6! + 5)) + ((4! - 3!) \times (2 + 1)!!) \\
 294413 &:= (((12 + 3!! \times 4) \times 5) + (6^7 + 8)) + 9 &= -9 \times 8 - 7 - (6 + 5) \times (4! - T(T(T(3 + 2 + 1)))) \\
 294414 &:= (1 + 2)! - (((3 - 4!) \times 5!) - (6 \times (7! - 8))) \times 9 &= ((9 + (8! + 7!)) \times 6) + (((5 + 4! \times 3!)^2) - 1) \\
 294415 &:= 1 \times (2^{3!} + ((4! \times (5^6 - 7!)) + 8! - 9)) &= (9 \times (8! - 7!)) - (((6!/5 + (4!/3))^2) + 1) \\
 294416 &:= (1 + (2^{3!} + (4! \times (5^6 - 7!)))) + (8! - 9) &= (9 \times (8! - 7!)) - (((6!/5 + (4!/3))^2) \times 1)
 \end{aligned}$$

$$\begin{aligned}
 294417 &:= (1 - 2^{3!}) + (4! \times (5! + ((6! + 7!/8) \times 9))) &= (9 \times (8! - 7!) - ((6!/5 + (4!/3))^2) + 1 \\
 294418 &:= (1 - 2 \times 3!) + (((4! - 5) \times 6!) + (7 \times (8! - 9))) &= (9 + 8! - 7!) + (((6! \times 5! - 4!) \times 3) + (2 - 1)) \\
 294419 &:= (1 + 2^{3!}) + (((4 \times 5!) - 6) \times (7!/8 - 9)) &= (9 + 8! - 7!) + (((6! \times 5! - 4!) \times 3) + 2 \times 1) \\
 294420 &:= ((1 \times 2 + (3^4 \times (5 \times (6! + 7)))) - 8) - 9 &= (9 + ((8 - (7!/6 - 5)) \times (4 - 3!/2))) - 1 \\
 294421 &:= (1 + ((2 \times 3! - 4) \times 5)) \times (6 \times 7 + (8 - 9)) &= (9 + ((8 - (7!/6 - 5)) \times (4 - 3!/2))) \times 1 \\
 294422 &:= 1 - (2 + (3 \times (4 - (((5! \times (6! + 7))/8) \times 9)))) &= (9 + ((8 - (7!/6 - 5)) \times (4 - 3!/2))) + 1 \\
 294423 &:= 1 + (2 + ((3! - (4! - 5)) \times ((6 \times 7!)/(8 \times 9)))) &= (((9 + 8!) \times 7) + 6!) + (5! \times ((4 \times (3! - 2)! - 1)) \\
 294424 &:= 1 + (((2 + 3! \times 4!) - (5 - (6 \times 7))) \times (8 + 9)) &= ((9 \times ((8! + 7) - 6^5)) + 4!) + (3! \times 2 + 1) \\
 294425 &:= 1 - (2 - (((3 + 4!) \times ((5! \times (6! + 7))/8) - 9)) &= (9 \times (8! - (7! + 6))) - ((5! \times (4! \times (3! + 2))) + 1) \\
 294426 &:= (1 + 2) - (3 \times (4 - (((5! \times (6! + 7))/8) \times 9))) &= (9 + 8! - 7!) + ((6! \times 5! - (4! - 3)) \times (2 + 1)) \\
 294427 &:= 1 - (((2 + 3!) \times (4! \times 5!)) + (((6 + 7!) - 8!) \times 9)) &= (9 \times (8! - (7! + 6))) - ((5! \times (4! \times (3! + 2))) - 1) \\
 294428 &:= 1 \times ((2 - 3!) \times (((4! - 5!) \times 6!) - (7 + 8!/9))) &= (9 \times (8^{(7-6) \times 5})) - (4 \times (((3 + 2)! + 1)) \\
 294429 &:= 1 + ((2 - 3!) \times (((4! - 5!) \times 6!) - (7 + 8!/9))) &= ((9 + 8!) \times 7) + (6 + (5! \times (((4 + 3!)^2 + 1))) \\
 294430 &:= (1 - (2 \times ((3 - 4^5) \times 6))) + (7 \times (8! - 9)) &= ((9 + (8! - 7!)/6) \times 5 - \sqrt{4}) \times (3^2 + 1) \\
 294431 &:= 1 \times (((2 + 3!)! + (4^5 + 6!)) \times 7) - (8 + 9)) &= (9 \times (8! - 7!)) - (((6 + (5! \times 4!)) \times (3! + 2)) + 1) \\
 294432 &:= ((1 \times 2 + (3!/4)) \times 5!) + (6 \times ((7! + 8) \times 9)) &= ((9 \times (8 + (7! \times 6))) + ((5 + 4! \times 3!)^2)) - 1 \\
 294433 &:= (1 + ((2 + (3!/4)) \times 5!)) + (6 \times ((7! + 8) \times 9)) &= ((9 \times (8 + (7! \times 6))) + ((5 + 4! \times 3!)^2)) \times 1 \\
 294434 &:= (1 + (2^{3!} + (4! \times (5^6 - 7!)))) + (8! + 9) &= ((9 \times (8 + (7! \times 6))) + ((5 + 4! \times 3!)^2)) + 1 \\
 294435 &:= 1 - (2 - ((3^4 \times (5 \times (6! + 7))) - 8 + 9)) &= (9 + 8! - 7!) + ((6! \times 5! - (4! - 3!)) \times (2 + 1)) \\
 294436 &:= (1 \times 2 + ((3^4 \times (5 \times (6! + 7))) + 8)) - 9 &= (9 \times ((8! + 7) - (6^5 - 4))) + (3! \times 2 + 1) \\
 294437 &:= 1 \times 2 - (3^4 \times (5 \times ((6! + 7) \times (8 - 9)))) &= (((9 + 8) \times ((7!/(6 + 5!)) + 4! \times 3!)) - 2) - 1 \\
 294438 &:= ((1 \times 2 + (3^4 \times (5 \times (6! + 7)))) - 8) + 9 &= (((9 + 8) \times ((7!/(6 + 5!)) + 4! \times 3!)) - 2) \times 1 \\
 294439 &:= 1 + ((2 + (3^4 \times (5 \times (6! + 7)))) - 8 + 9) &= (((9 + 8) \times ((7!/(6 + 5!)) + 4! \times 3!)) - 2) + 1 \\
 294440 &:= ((1 - (2 \times (3 + 4!))) \times (5! - (6! + 7!))) - 8!/9 &= ((9 + 8) \times ((7 \times 6!) + (5 \times (4 + 3!)))) \times 2 \times 1 \\
 294441 &:= (1 + 2 \times 3! \times 4) \times ((5! \times (6 \times 7 + 8)) + 9) &= ((9 + ((8 + 7 \times 6) \times 5!)) \times ((4 + 3!)^2)) \times 1 \\
 294442 &:= (1 + 2)! + ((3^4 \times (5 \times (6! + 7))) - 8 + 9) &= ((9 + 8) \times ((7!/(6 + 5!)) + 4! \times 3!)) + (2 \times 1) \\
 294443 &:= 1 - (2 - (((3 + 4!) \times ((5! \times (6! + 7))/8) + 9)) &= ((9 + 8) \times ((7!/(6 + 5!)) + 4! \times 3!)) + (2 + 1) \\
 294444 &:= (((1 + 2)^{3!}) \times (4 \times 5)) + 6^7 - 8 \times 9 &= (9 \times (8!/7)) - ((6 - (5! + (4!/3!))) \times (2 + 1)! \\
 294445 &:= (((-1 + 2) + 3!) \times (4 \times 5)) + 6^7 + 89 &= (98 \times 7) + ((6! \times (5! + (4! \times 3! \times 2))) - 1) \\
 294446 &:= 1 \times (2 + (((3 + 4!) \times ((5! \times (6! + 7))/8) + 9)) &= ((9 \times ((8! + 7) - 6^5)) + ((4! + 3!) \times 2)) - 1 \\
 294447 &:= 1 + (2 + (((3 + 4!) \times ((5! \times (6! + 7))/8) + 9)) &= ((9 \times ((8! + 7) - 6^5)) + ((4! + 3!) \times 2)) \times 1 \\
 294448 &:= (1 + (((2 \times 3!) \times (4^5 - 6)) + 7 \times 8!)) - 9 &= ((9 \times ((8! + 7) - 6^5)) + ((4! + 3!) \times 2)) + 1 \\
 294449 &:= 1 \times 2 + (3 \times (4 + (((5! \times (6! + 7))/8) \times 9))) &= (9 \times (8! - (7! - 6))) - ((5^4) \times (3!^2 + 1)) \\
 294450 &:= (1 + (((2 + 3!)! + (4^5 + 6!)) \times 7)) - (8 - 9) &= (((9 \times (8! - (7! \times 6))) - 5!)/4) \times (3! \times 2 + 1) \\
 294451 &:= ((1 - 2) + ((3^4 \times (5 \times (6! + 7))) + 8)) + 9 &= (((9 + ((8! - 7!)/6)) \times (5 \times (4 + 3!))) + 2) - 1 \\
 294452 &:= 1 - (2 + ((3! - ((45 \times (6! + 7)) + 8)) \times 9)) &= (((9 + ((8! - 7!)/6)) \times (5 \times (4 + 3!))) + 2) \times 1 \\
 294453 &:= 1 \times ((2 \times ((3! \times 4^5) - 6)) + (7 \times (8! - 9))) &= (((9 + ((8! - 7!)/6)) \times (5 \times (4 + 3!))) + 2) + 1 \\
 294454 &:= 1 + ((2 \times ((3! \times 4^5) - 6)) + (7 \times (8! - 9))) &= (((9 + 8!/7!) - 6^5) - 4!^3) \times 2 \times 1
 \end{aligned}$$

$$\begin{aligned}
 294455 &:= ((1 + 2) + ((3^4 \times (5 \times (6! + 7))) + 8)) + 9 &= (9 \times (8!/7)) + ((6 \times (5! - (4 - (3! + 2)!))) - 1) \\
 294456 &:= (((1 + (2 + 3!)!) + (4^5 + 6!)) \times 7) - (8 - 9) &= (9 \times (8!/7)) + (6 \times (5! - (4 - (3! + 2 \times 1)!))) \\
 294457 &:= (((1 + ((2 + 3) \times 4!)) \times 5!) + 6^7) - (8 - 9) &= (9 \times (8!/7)) + ((6 \times (5! - (4 - (3! + 2)!))) + 1) \\
 294458 &:= (1 - 2 - ((3 \times (4 - (5! \times 6!))) + 7! - 8!)) - 9 &= ((9 + 8!) \times 7) + ((6! - 5) \times (4! - (3! + (2 - 1)))) \\
 294459 &:= 1 \times (((2 \times 3!) \times 4^5) - (6 - (7 \times (8! - 9)))) &= (9 + (8! + 7!)) + ((6! - (5!/4)) \times (3!/2 + 1)) \\
 294460 &:= ((1 + ((2 \times 3!) \times 4^5)) - 6) + (7 \times (8! - 9)) &= ((9 + 8) \times ((7! - 6! + 5) \times 4)) + (3!/2 \times 1) \\
 294461 &:= 1 \times (2 - ((3 \times (4 - (5! \times 6!))) + (7! - 8! + 9))) &= ((9 + 8) \times ((7! - 6! + 5) \times 4)) + (3!/2 + 1) \\
 294462 &:= 1 + (2 - ((3 \times (4 - (5! \times 6!))) + (7! - 8! + 9))) &= (((((9 + 8) \times (7! - 6!)) - 5) \times 4) + 3!) + (2 \times 1) \\
 294463 &:= 1 \times (((2 \times 3!! - 4^5) \times 6!) - (7! + 8 + 9)) &= (((((9 + 8) \times (7! - 6!)) - 5) \times 4) + 3!) + (2 + 1) \\
 294464 &:= ((1 + 2 \times 3!!) \times (4 - (5!/6))) - ((7! - 8!) \times 9) &= ((9 + 8!) \times 7) - (6 - (((5 \times 4) + 3)^{2+1})) \\
 294465 &:= 1 + (2^{3!} \times ((4! \times 5) - ((6 - 7) - 8!/9))) &= (9 + (8! \times 7 + (6! \times 5))) + (4! \times (3!/2 - 1)) \\
 294466 &:= (1 + (((2 \times 3!) \times (4^5 - 6)) + 7 \times 8!)) + 9 &= ((9 \times 8) + (7 \times (6! - 5))) \times ((4^3) - (2 + 1)!) \\
 294467 &:= ((12 \times 3!!) - (4 - (5 \times 6! + 7 \times 8!))) - 9 &= (9 \times (8!/7)) + (6 \times (5! + ((4!/3!) - 2))) - 1 \\
 294468 &:= (1 - (2 \times (3 + 4!))) \times (5! - (6 + ((7!/8) \times 9))) &= (9 \times (8!/7)) + (6 \times (5! + ((4!/3!) - 2))) \times 1 \\
 294469 &:= (1 - 2 \times 3!) + (4! \times (5! + ((6! + 7!/8) \times 9))) &= (9 \times (8!/7)) + (6 \times (5! + ((4!/3!) - 2))) + 1 \\
 294470 &:= 1 - ((2 + ((3 - 4 \times 5) \times 6!)) - (7 \times 8! - 9)) &= (9 \times (8^{(7-6) \times 5})) - (((4! - 3)^2) + 1) \\
 294471 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times 6!) + ((7 - 8) \times 9) &= (9 \times ((8!/7 + 6!) \times 5)) + ((4 \times (3!! - 2)) - 1) \\
 294472 &:= (1 - 2 \times 3!!) + (((4! - 5) \times 6!) + 7 \times 8! - 9) &= (9 \times ((8!/7 + 6!) \times 5)) + (4 \times (3!! - (2 \times 1))) \\
 294473 &:= ((1 \times 2 + (3 \times (4! \times (5 \times 6!)))) - 7!) + (8! - 9) &= (9 \times ((8!/7 + 6!) \times 5)) + ((4 \times (3!! - 2)) + 1) \\
 294474 &:= (((1 + ((2 \times 3! \times 4!) + 5!)) \times 6!) - 7) - (8 - 9) &= (9 + 8! - (7! - (((6! \times 5! - 4) \times 3) - 2))) - 1 \\
 294475 &:= (1 - (((2 \times 3!) \times (4! \times 5!)) + 6)) - ((7! - 8!) \times 9) &= (9 + 8! - (7! - (((6! \times 5! - 4) \times 3) - 2))) \times 1 \\
 294476 &:= (((1 + (2 \times 3!^4)) \times 5) - (6! - (7 \times 8!))) - 9 &= (9 + 8! - (7! - (((6! \times 5! - 4) \times 3) - 2))) + 1 \\
 294477 &:= 1 \times ((2 \times (3! + (4^5 \times 6))) + (7 \times (8! - 9))) &= (9 + 8! - (7! - ((6! \times 5! - 4) \times 3))) \times (2 - 1) \\
 294478 &:= (1 + (2 \times (3! + (4^5 \times 6)))) + (7 \times (8! - 9)) &= (9 \times (8!/7)) + ((6 \times (5! + (4!/3!))) - (2 \times 1)) \\
 294479 &:= (1 \times 2 - ((3 \times (4 - (5! \times 6!))) + 7! - 8!)) + 9 &= (9 \times (8! - 7!) - (6! \times (5!/4))) - (3!! \times 2 + 1) \\
 294480 &:= 1 \times 2 \times ((3!^4 \times (5! - 6)) - (7 \times 8 \times 9)) &= (9 \times (((8! \times 7)/6!) + (5! \times 4!))) \times (3^2 + 1) \\
 294481 &:= (1 - 2 \times 3!!) + (((4 \times (5! - 6!)) - (7! - 8!)) \times 9) &= 9 + 8! - 7 + ((6! \times (5 - ((4! - 3!)/2))) - 1) \\
 294482 &:= (((1 - 2) + (3 \times (4 + (5! \times 6!)))) - 7!) + (8! - 9) &= (9 \times (8!/7)) + ((6 \times (5! + (4!/3!))) + 2 \times 1) \\
 294483 &:= (1 + 2)! - ((3 \times (4 - (5! \times 6!))) + (7! - 8! - 9)) &= 9 + 8! - 7 + ((6! \times (5 - ((4! - 3!)/2))) + 1) \\
 294484 &:= (1 - (2 \times ((3 - 4^5) \times 6))) + (7 \times 8! - 9) &= (9 \times ((8!/7 + 6!) \times 5)) + (4 \times (3!! + (2 - 1))) \\
 294485 &:= ((1 \times 2 + (3 \times (4 + (5! \times 6!)))) - (7! - 8!)) - 9 &= ((9 \times (8! - 7!)) + (6 - (5! \times (4! \times (3! + 2)))) - 1) \\
 294486 &:= (((1 + ((2 \times 3! \times 4!) + 5!)) \times 6!) + 7) + (8 - 9) &= ((9 \times (8! - 7!)) + (6 - (5! \times (4! \times (3! + 2)))) \times 1) \\
 294487 &:= (1 - (((2 \times 3!) \times (4! \times 5!)) - 6)) - ((7! - 8!) \times 9) &= ((9 \times ((8!/7 + 6!) \times 5)) + (4 \times (3!! + 2))) - 1) \\
 294488 &:= 1 \times (2 + (3! + (4! \times (5! + ((6! + 7!/8) \times 9)))) &= (9 + (8! + 7!)) + ((6! \times (((5! - 4) \times 3) - 2)) - 1) \\
 294489 &:= 1 + (2 + (3! + (4! \times (5! + ((6! + 7!/8) \times 9)))) &= (9 + (8!/7)) + (6! \times (((5 \times 4!)/3!)^2 + 1)) \\
 294490 &:= (1 - 2 \times 3!!) + (((4! - 5) \times 6!) + (7 \times 8! + 9)) &= (((9 + ((8! - 7!)/6)) \times 5) + 4) \times (3^2 + 1) \\
 294491 &:= ((1 \times 2 + (3 \times (4! \times (5 \times 6!)))) - 7!) + (8! + 9) &= (9 \times (8!/7)) + (6 \times (5! + ((4!/3!) + 2))) - 1) \\
 294492 &:= (1 + 2)! + (3! + (4! \times (5! + ((6! + 7!/8) \times 9)))) &= (9 \times (8!/7)) + (6 \times (5! + ((4!/3!) + 2))) \times 1) \\
 294493 &:= 1 + 2 \times 3! + (4! \times (5! + ((6! + 7!/8) \times 9))) &= (9 \times (8!/7)) + (6 \times (5! + ((4!/3!) + 2))) + 1
 \end{aligned}$$

$$\begin{aligned}
 294494 &:= ((1 - 2 \times 3!) \times (((4! - 5) \times (6! - 7)) - 8!)) - 9 &= (((9 + 8) \times (7 + (6 \times (5! \times 4! + 3!)))) + 2) + 1 \\
 294495 &:= (((1 + 2)! - 3!!) \times (4 - 5!)) - ((6 \times (7! - 8!)) + 9) &= (9 + (8! + 7)) + ((6! \times (5 - ((4! - 3!)/2))) - 1) \\
 294496 &:= 1 \times ((2 \times ((3! - 4 + 5)!)) + (6^7 + 8!/9)) &= (9 + (8! + 7)) + (6! \times (5 - ((4! - 3!)/2 \times 1))) \\
 294497 &:= 1 + ((2 \times ((3! - 4 + 5)!)) + (6^7 + 8!/9)) &= (9 + (8! + 7)) + ((6! \times (5 - ((4! - 3!)/2))) + 1) \\
 294498 &:= ((1 + 2)! + ((3^4 \times ((5 \times (6! + 7)) - 8)) - 9)) - 9 &= (((((9 + 8) \times (7! - 6!)) + 5) \times 4) + 3!!) - 2 \times 1 \\
 294499 &:= (((1 + 2)^{3!}) \times (4 \times 5)) + (6^7 - 8) - 9 &= (9 + 8! - (7! - ((6! \times 5! + 4) \times 3))) - 2 \times 1 \\
 294500 &:= (((1 - 2) + (3 \times (4 + (5! \times 6!)))) - 7!) + (8! + 9) &= (9 + 8! - (7! - ((6! \times 5! + 4) \times 3))) - (2 - 1) \\
 294501 &:= (((1 + 2) \times (3! + (4 + (5! \times 6!)))) - 7!) + (8! - 9) &= (9 + 8! \times 7) - (6 \times (5 - (4^{3!}/2 - 1))) \\
 294502 &:= (1 - (2 \times ((3 - 4^5) \times 6))) + (7 \times 8! + 9) &= (9 + 8! - (7! - (((6! \times 5! + 4) \times 3) + 2))) - 1 \\
 294503 &:= ((1 \times 2 + (3 \times (4 + (5! \times 6!)))) - (7! - 8!)) + 9 &= (9 + 8! - (7! - (((6! \times 5! + 4) \times 3) + 2))) \times 1 \\
 294504 &:= (((1 + 2) + (3 \times (4 + (5! \times 6!)))) - 7!) + (8! + 9) &= (9 + 8! - (7! - (((6! \times 5! + 4) \times 3) + 2))) + 1 \\
 294505 &:= (((((12^3) \times 4!) - (5! - 6!)) \times 7) - 8) + 9 &= (9 \times (8!/7)) + ((6 \times (5! + (4 + (3! + 2)!))) + 1) \\
 294506 &:= 1 - (2 - ((3^4 \times (5 \times (6! + 7))) + 8 \times 9)) &= 9 + ((8! \times 7) - ((6 \times (5 - (4^{3!}/2))) + 1)) \\
 294507 &:= (1 + 2)^3 + (4! \times (5! + ((6! + 7!/8) \times 9))) &= (9 + 8! - (7! - ((6! \times 5! + 4) \times 3))) + (2 + 1)! \\
 294508 &:= (1 - ((2 \times (3! - (4^5 \times 6))) - (7 \times 8!))) - 9 &= 9 + ((8! \times 7) - ((6 \times (5 - (4^{3!}/2))) - 1)) \\
 294509 &:= 1 \times (2 + ((3^4 \times (5 \times (6! + 7))) + 8 \times 9)) &= ((9 + 8!) \times 7) + (((6 \times 5) + 4) \times (3!!/2 - 1)) \\
 294510 &:= 1 + (2 + ((3^4 \times (5 \times (6! + 7))) + 8 \times 9)) &= ((9 \times (8!/7)) + 6!) + ((5 + (4!/3)!) \times (2 + 1)!) \\
 294511 &:= 1 \times (((((2 + 3!)) \times (45 + 6)) - 7) \times 8) - 9 &= (9 \times (8! - 7!)) - ((6! - (5 - 4)) \times 32) - 1 \\
 294512 &:= ((1 - 2 \times 3!) \times (((4! - 5) \times (6! - 7)) - 8!)) + 9 &= 9 + ((8! - ((7 - 6!) \times (5 - 4!))) \times (3! \times 2) - 1) \\
 294513 &:= (((1 + 2)! - 3!!) \times (4 - 5!)) - ((6 \times (7! - 8!)) - 9) &= ((9 \times (8! - (((7! \times 6) + 5!)/4) + 3!)) - 2) - 1 \\
 294514 &:= ((1 + ((2 \times 3!) \times 4^5)) - (6 - (7 \times 8!))) - 9 &= ((9 \times (8! - (((7! \times 6) + 5!)/4) + 3!)) - 2) \times 1 \\
 294515 &:= 1 - (2 - (3^4 \times ((5 \times (6! + 7)) - 8 + 9))) &= ((9 \times (8! - (((7! \times 6) + 5!)/4) + 3!)) - 2) + 1 \\
 294516 &:= ((1 - 2) + (3^4 \times 5)) \times (6! - ((7 - 8) \times 9)) &= (9 \times (8!/7 + 6!)) + (((5! \times 4) + 3!)^2 \times 1) \\
 294517 &:= (((1 + 2)^{3!}) \times (4 \times 5)) + (6^7 - 8) + 9 &= ((9 \times (8! - (((7! \times 6) + 5!)/4) + 3!)) + 2) - 1 \\
 294518 &:= 1 \times (2 + (3^4 \times ((5 \times (6! + 7)) - 8 + 9))) &= ((9 \times (8! - (((7! \times 6) + 5!)/4) + 3!)) + 2) \times 1 \\
 294519 &:= 1 + (2 + (3^4 \times ((5 \times (6! + 7)) - 8 + 9))) &= ((9 \times (8! - (((7! \times 6) + 5!)/4) + 3!)) + 2) + 1 \\
 294520 &:= 1 - ((2 \times ((3! - 4^5) \times 6)) - (7 \times (8! + 9))) &= 9 - ((8 - (7! - 6!)) + ((5 - 4!^3) \times 21)) \\
 294521 &:= (1 + (((2 + 3!)! + (4^5 + 6!)) \times 7)) + 8 \times 9 &= (9 + 8! \times 7) - (((6 \times (5 - 4^{3!}))/2) + 1) \\
 294522 &:= 1 \times 2 \times (((3! + 4!) \times (5 \times (6! - 7))) + 8! - 9) &= (9 \times (8 + 7!)) + ((6! - (5!/4)) \times (3!!/2 + 1)) \\
 294523 &:= (((1 + 2)! \times 3!!) + (4 + 5)) \times 67 + 8!/9 &= (9 + 8! \times 7) - (((6 \times (5 - 4^{3!}))/2) - 1) \\
 294524 &:= 1 \times 2 + (3! \times (((4^5 \times 6) - 7) \times 8) - 9) &= 9 + (((8! \times 7) - 6!) + (((5 \times 4!) - 3!)^2)) - 1) \\
 294525 &:= (1 + 2) + (3! \times (((4^5 \times 6) - 7) \times 8) - 9) &= (9 + 8! \times 7) - (6! - (((5 \times 4!) - 3!)^2 \times 1)) \\
 294526 &:= (1 - ((2 \times (3! - (4^5 \times 6))) - (7 \times 8!))) + 9 &= ((9 + 8! \times 7) - 6!) + (((5 \times 4!) - 3!)^2 + 1) \\
 294527 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times 6!) + ((7 \times 8) - 9) &= (9 \times (8! - 7!)) + (((6 - (5! \times 4!)) \times (3! + 2)) - 1) \\
 294528 &:= (1 \times 2^{3!}) \times (4! + (((5! + 6) \times 7) + 8!/9)) &= (9 \times (8! - 7!)) + ((6 - (5! \times 4!)) \times (3! + 2 \times 1)) \\
 294529 &:= (1 - ((2 + 3!) \times (4! \times 5! - 6))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) + (((6 - (5! \times 4!)) \times (3! + 2)) + 1) \\
 294530 &:= 1 + (((((2 + 3!)) \times (45 + 6)) - 7) \times 8) + 9 &= ((-9 + 8!) \times 7) + (65 + (4^{3!} \times (2 + 1))) \\
 294531 &:= 1 \times (((2 \times 3!) \times 4^5) - (6 - (7 \times 8! + 9))) &= (9 + 8! \times 7) + ((6!/5!) \times (4^{3!}/2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 294532 &:= (1 + ((2 \times (3! + (4^5 \times 6))) + 7 \times 8!)) - 9 &= 9 + (((8! \times 7!/6!) - 5) + (4^{3!} \times (2 + 1))) \\
 294533 &:= (((1 + 2)^{3!+4}) \times 5) - (6! - (7 - 8)) + 9 &= (9 \times (8! - (((7! \times 6) + 5!)/4))) - (3!^2 + 1) \\
 294534 &:= (((1 + 2)!! - (3! + 4!)) \times 5!) - (6 \times (7! - 8! - 9)) &= (((9 + 8!) \times 7) - 6!) + ((5 + 4) \times (3!! \times 2 - 1)) \\
 294535 &:= (1 - ((2 + 3!) \times (4! \times 5!))) + ((6 - (7! - 8!)) \times 9) &= (9 \times (8! - (((7! \times 6) + 5!)/4))) - (3!^2 - 1) \\
 294536 &:= 1 \times 2 + ((3 + ((45 \times (6! + 7)) + 8)) \times 9) &= ((9 + 8! \times 7) + (((6!/5!) \times 4^{3!})/2)) - 1 \\
 294537 &:= (((1 + (2 + 3)!) - 4!) \times 5!) + 6! + (7 \times (8! - 9)) &= ((9 + 8! \times 7) + (((6!/5!) \times 4^{3!})/2)) \times 1 \\
 294538 &:= (1 + ((2 \times 3!) \times (4^5 + 6))) + (7 \times (8! - 9)) &= ((9 + 8! \times 7) + (((6!/5!) \times 4^{3!})/2)) + 1 \\
 294539 &:= ((12 \times 3!!) - (4 - (5 \times 6!))) + (7 \times (8! + 9)) &= (9 \times (8^{(7-6) \times 5})) - (((4! + 3!)/2) + 1) \\
 294540 &:= (1 + 2)! \times (3!! - ((4! + (5 - 6!)) \times (7!/(8 \times 9)))) &= (9 \times (8^{(7-6) \times 5})) - ((4! + 3!)/2 \times 1) \\
 294541 &:= 1 - (2 \times ((3! + 4!) \times (5! - ((6 + 7!) - (8 + 9)))) &= ((9 + 8!) \times 7) + ((6! \times (5 + 4 \times 3)) - (2 \times 1)) \\
 294542 &:= 1 - ((2 + ((3 - 4 \times 5) \times 6!)) - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6! \times 5)) + (4! \times 3!!/2 - 1) \\
 294543 &:= (1 \times 2 + 3!)! + ((4! \times (5^6 - (7! - 8))) - 9) &= (9 \times (((8 - 7) \times 6)!) \times 5) + ((4^{3^2}) - 1) \\
 294544 &:= (1 + (2 + 3)!)! + ((4! \times (5^6 - (7! - 8))) - 9) &= (((9 + 8!) \times 7) + (6! \times 5)) + ((4! \times 3!!/2) + 1) \\
 294545 &:= (1 + 2^{3!}) + (4! \times (5! + ((6! + 7!/8) \times 9))) &= (9 \times (8! - (((7! \times 6) + 5!)/4))) - ((3! - 2)! + 1) \\
 294546 &:= ((1 - (2 + 3!) \times 4!) \times 5!) - (((6 + 7!) - 8!) \times 9) &= (9 \times (8! - (7! + 6))) - (5! \times ((4! \times (3! + 2)) - 1)) \\
 294547 &:= 1 + (2 \times (((3!^4 + 5!) \times ((6 + 7) \times 8)) + 9)) &= 9 + ((8 - (7 \times (6 + 5!))) \times (4! - (3!!/2 + 1))) \\
 294548 &:= (((1 + (2 \times 3!^4)) \times 5) - 6!) + (7 \times (8! + 9)) &= ((9 \times (8^{(7-6) \times 5})) - (4 + 3!!/2)) \times 1 \\
 294549 &:= (1 \times 2 \times (3! + (4^5 \times 6))) + (7 \times 8! + 9) &= 9 + ((8! - ((7 - 6!) \times (5 \times (4! + 3!)))) \times 2 \times 1) \\
 294550 &:= (1 + ((2 \times (3! + (4^5 \times 6))) + 7 \times 8!)) + 9 &= 9 + (((8! - ((7 - 6!) \times (5 \times (4! + 3!)))) \times 2) + 1) \\
 294551 &:= 1 \times (((2 - 3 \times 4!) \times (5! + 6! - 7! - 8)) - 9) &= (9 \times (8 + 7!)) + ((6! \times (((5! - 4) \times 3) - 2)) - 1) \\
 294552 &:= 1 - (((2 - (3! \times ((4^5 \times 6) - 7))) \times 8) + 9) &= (9 + ((8!/7!)^6)) + (((5!/4) \times 3!)^2) - 1) \\
 294553 &:= (1 - ((2 + (3 \times (4 - 5!))) \times 6!)) + ((7! + 8) \times 9) &= (9 \times (8 + 7!)) + ((6! \times (((5! - 4) \times 3) - 2)) + 1) \\
 294554 &:= 1 \times (2 \times (3!! + (((4! + 5) \times (6 + 7! + 8)) - 9))) &= (9 + ((8!/7!)^6)) + (((5!/4) \times 3!)^2) + 1) \\
 294555 &:= 1 + (2 \times (3!! + (((4! + 5) \times (6 + 7! + 8)) - 9))) &= ((9 + 8!) \times 7) - (6 \times (5 - (4^{3!}/2 - 1))) \\
 294556 &:= (1 - (2 \times ((3 - 4^5) \times 6))) + (7 \times (8! + 9)) &= ((9 \times (8^{(7-6) \times 5})) + (4 - 3!!/2)) \times 1 \\
 294557 &:= -1 + (2 \times (((3! + 4!) \times (5 \times (6! - 7))) + 8! + 9)) &= ((9 \times (8! - (((7! \times 6) + 5!)/4))) - (3! \times 2)) - 1 \\
 294558 &:= (1 - 2 \times 3!) \times (4! + (5! - (6 \times (7 + 8!/9)))) &= (9 \times 8!/7! - 6) \times (((5! + 4) \times (3!^2)) - 1) \\
 294559 &:= 1 + (2 \times (((3! + 4!) \times (5 \times (6! - 7))) + 8! + 9)) &= ((9 \times (8! - (((7! \times 6) + 5!)/4))) - (3! \times 2)) + 1 \\
 294560 &:= (1 \times 2 - (3! \times (4! - (5 + 6!)))) \times (7!/(8 \times 9)) &= (9 \times (8! - (((7! \times 6) + 5!)/4))) - (3^2 + 1) \\
 294561 &:= (1 \times 2 + 3!)! + ((4! \times (5^6 - (7! - 8))) + 9) &= (9 + 8! \times 7) + (6 \times ((5 + (4^{3!}/2)) - 1)) \\
 294562 &:= (1 + (2 + 3)!)! + ((4! \times (5^6 - (7! - 8))) + 9) &= ((9 + 8!) \times 7) - ((6 \times (5 - (4^{3!}/2))) - 1) \\
 294563 &:= (1 \times 2 \times (3!! + ((4! + 5) \times (6 + 7! + 8)))) - 9 &= ((9 \times (8! - (((7! \times 6) + 5!)/4))) - (3! + 2)) + 1 \\
 294564 &:= (((1 + 2) + (3 \times (4! + (5! \times 6!)))) - (7! - 8!)) + 9 &= (9 \times (8^{(7-6) \times 5})) + ((4! - 3!)/2 \times 1) \\
 294565 &:= 1 - 2 \times 3! - (4! \times ((5 - 6! - 7) \times (8 + 9))) &= ((9 \times (8! - (((7! \times 6) + 5!)/4))) - (3! - 2)) - 1 \\
 294566 &:= 1 - (2 - ((3! \times (((4^5 \times 6) - 7) \times 8)) - 9)) &= 9 + ((8! \times 7 + (6 \times (5 + (4^{3!}/2)))) - 1) \\
 294567 &:= (((1 + 2)!^3) + (4! \times (5^6 - 7!))) + (8! - 9) &= (((9 + 8!) \times 7) + (6! \times 5)) + (4! \times (3!!/2 + 1)) \\
 294568 &:= (-1 - (((2^{3!}) - (4 \times 5!)) \times 6! + 7!)) + 89 &= 9 + (8! \times 7 + ((6 \times (5 + (4^{3!}/2))) + 1)) \\
 294569 &:= (1 \times 2 + (3! \times (((4^5 \times 6) - 7) \times 8))) - 9 &= ((9 \times (8! - (((7! \times 6) + 5!)/4))) - 3) + (2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 294570 &:= (1 + 2) + ((3! \times ((4^5 \times 6) - 7) \times 8)) - 9 &= 9 - 8 - (7 - ((6! + (5! - 4!)) \times (3!/2 + 1))) \\
 294571 &:= 12 + ((3!! \times 4! + (5 + 6 \times 7)) \times (8 + 9)) &= (((9 + 8) \times ((7 + 6!) - 5) \times 4!) - (3! - 2)) - 1 \\
 294572 &:= (((1 + 2)^{3!+4}) \times 5) - (6! - (7 \times 8)) - 9 &= (((9 + 8) \times ((7 + 6!) - 5) \times 4!) - (3! - 2)) \times 1 \\
 294573 &:= 1 \times ((2 \times ((3 + 4^5) \times 6)) + (7 \times 8! + 9)) &= 9 + (8! \times 7 + (6 \times (5 + (4^3/2 + 1)))) \\
 294574 &:= 1 + ((2 \times ((3 + 4^5) \times 6)) + (7 \times 8! + 9)) &= (9 + 8! \times 7) + ((6! + 5) \times (4! - (3! + (2 - 1)))) \\
 294575 &:= 1 - (2 + (3! \times (4 \times ((5 - 6! - 7) \times (8 + 9)))) &= ((9 + 8!) \times 7) - (((6 \times (5 - 4^3))/2) + 1) \\
 294576 &:= ((1 + 2)!)! + (3! \times (((4 + 5!) \times 6!) + (7 - 8! + 9))) &= ((9 - 8)^{7!}) \times ((6! + (5! - 4!)) \times (3!/2 + 1)) \\
 294577 &:= ((12 + 3!!) \times (4 \times 5)) + (6^7 - 8 + 9) &= ((9 + 8!) \times 7) - (((6 \times (5 - 4^3))/2) - 1) \\
 294578 &:= 1 \times 2 + (3 \times (((4! + 5!) \times (6! - 7)) - 8!/9)) &= 9 + (((8! - (((7! \times 6) + 5!)/4)) \times (3^2)) - 1) \\
 294579 &:= (1 + 2) + (3 \times (((4! + 5!) \times (6! - 7)) - 8!/9)) &= ((9 + 8!) \times 7) - (6! - (((5 \times 4!) - 3!)^2 \times 1)) \\
 294580 &:= (1 + 2^{3!}) \times ((4 \times (5!/6 - 7)) + 8!/9) &= (9 \times (8! - (((7! \times 6) + 5!)/4))) + 3^2 + 1 \\
 294581 &:= (1 \times 2 \times (3!! + ((4! + 5) \times (6 + 7! + 8)))) + 9 &= (9 \times (8! - (((7! \times 6) + 5!)/4))) + ((3! \times 2) - 1) \\
 294582 &:= (1 + 2)! + (3 \times (((4! + 5!) \times (6! - 7)) - 8!/9)) &= (9 + (((8! \times 7)/6!) + 5) \times (4! + (3!! - 2))) - 1 \\
 294583 &:= 1 \times (((2 + (3! \times ((4^5 \times 6) - 7))) \times 8) - 9) &= (9 + (((8! \times 7)/6!) + 5) \times (4! + (3!! - 2))) \times 1 \\
 294584 &:= (1 + ((2 + (3! \times ((4^5 \times 6) - 7))) \times 8)) - 9 &= (9 + (((8! \times 7)/6!) + 5) \times (4! + (3!! - 2))) + 1 \\
 294585 &:= ((1 + 2 \times 3!! - 4) \times 5) \times (6 \times 7 + (8 - 9)) &= ((9 + 8!) \times 7) + ((6!/5!) \times (4^3/2 - 1)) \\
 294586 &:= ((1 + ((2 \times 3!) \times 4^5)) - 6) + (7 \times (8! + 9)) &= 9 - ((8 \times ((7 \times 6) - ((5! + 4! \times 3)^2))) - 1) \\
 294587 &:= 1 \times (2 + ((3! \times (((4^5 \times 6) - 7) \times 8)) + 9)) &= (9 \times ((8^{(7-6) \times 5}) + 4)) - (3!/2 + 1) \\
 294588 &:= 1 + (2 + ((3! \times (((4^5 \times 6) - 7) \times 8)) + 9)) &= ((9 \times (((8 - 7) + 6!) \times 5)) + (4^3)) - 1 \\
 294589 &:= 1 - (((2 + (3!!/4)) \times (5! + 6)) + ((7! - 8!) \times 9)) &= ((9 + (((8 + 7! + 6) \times (5 + 4!)) + 3!)) \times 2) - 1 \\
 294590 &:= 1 \times 2 \times (3!! + (((4! + 5) \times (6 + 7! + 8)) + 9)) &= (((9 + 8!) \times 7) + (((6!/5!) \times 4^3)/2)) - 1 \\
 294591 &:= 1 \times (((2 \times 3!) \times (4^5 + 6)) + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (((6!/5!) \times 4^3)/2)) \times 1 \\
 294592 &:= (1 + (((2 \times 3!) \times (4^5 + 6)) + 7 \times 8!)) - 9 &= (((9 + 8!) \times 7) + (((6!/5!) \times 4^3)/2)) + 1 \\
 294593 &:= 1 + (2^{3!} \times (4 + (5! + (6 - 7 + 8!/9)))) &= ((9 \times (8! - (((7! \times 6) + 5!)/4))) + (3! - 2)!) - 1 \\
 294594 &:= (((1 - (2 + 3!) \times 4!) \times 5!) - 6) - ((7! - 8!) \times 9) &= ((9 \times (8! - (((7! \times 6) + 5!)/4))) + (3! - 2)!) \times 1 \\
 294595 &:= (((1 + 2)^{3!+4}) \times 5) - 6! + (7!/8 \times 9) &= ((9 \times (8! - (((7! \times 6) + 5!)/4))) + (3! - 2)!) + 1 \\
 294596 &:= 1 - (2 - ((3 + 4!) \times (5! + ((6! \times (7 + 8)) - 9)))) &= ((9 + 8!) \times 7!/6!) + (5 + (4^3 \times (2 + 1))) \\
 294597 &:= (((1 + 2)! + 3!) \times 4^5) + 6) + (7 \times (8! + 9)) &= (((9 + 8) \times (7 + (6 \times (5! \times 4!)))) + 3!) - 2 \times 1 \\
 294598 &:= (1 + (((2 \times 3!) \times 4^5) + 6)) + (7 \times (8! + 9)) &= (9 \times (8! - 7!)) - (6! + (((5 + 4! \times 3!)^2) + 1)) \\
 294599 &:= 1 \times 2 + ((3 + 4!) \times (5! + ((6! \times (7 + 8)) - 9))) &= (9 \times (8! - 7!)) + (((6! + 5) \times 4!) - ((3! + 2)! + 1)) \\
 294600 &:= (((1 + 2)^{3!+4}) \times 5) - (6 + 7!/8) - 9 &= (9 \times (8! - 7!) - 6!) - (((5 + 4! \times 3!)^2) - 1) \\
 294601 &:= (1 - ((2 + 3!)! - (4! \times (5 + 6!)))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) + (((6! + 5) \times 4!) - ((3! + 2)! - 1)) \\
 294602 &:= (1 + ((2 + (3! \times ((4^5 \times 6) - 7))) \times 8)) + 9 &= (9 + 8! - ((7 - 6!) \times (5 - 4!))) \times ((3! \times 2) - 1) \\
 294603 &:= 1 \times ((2 \times (3! + (4^5 \times 6))) + (7 \times (8! + 9))) &= (((((9 + 8!/7!) \times 6!) + 5) \times 4!) + 3!) + (2 + 1) \\
 294604 &:= (1 + (2 \times (3! + (4^5 \times 6)))) + (7 \times (8! + 9)) &= ((((-9 + (8! + 7!)) + (6 \times (5^4))) \times 3!) - 2) \times 1 \\
 294605 &:= ((1 + 2)! + 3!!) + (((4! \times 5! \times 6) + 7) \times (8 + 9)) &= ((9 + 8!) \times 7) + (((6 \times (5 + 4^3))/2) - 1) \\
 294606 &:= (((1 - (2 + 3!) \times 4!) \times 5!) + 6) - ((7! - 8!) \times 9) &= ((9 \times (8! - 7!)) + 6) - (5! \times ((4! \times (3! + 2)) - 1)) \\
 294607 &:= 1 - ((2 - ((3!! \times 45) + (6 \times 7 \times 8))) \times 9) &= ((9 + 8!) \times 7) + (((6 \times (5 + 4^3))/2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 294608 &:= ((1+2)^{3!}) + (((4! \times 5! \times 6) + 7) \times (8+9)) &= ((9 + (8! + (7 - (6! \times 5)))) \times (4!/3)) + ((2+1)!) \\
 294609 &:= 1 \times (((2 \times 3!) \times (4^5 + 6)) + (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + (5! \times ((4 \times (3! - 2)!) + 1)) \\
 294610 &:= (1 + (((2 \times 3!) \times (4^5 + 6)) + 7 \times 8!)) + 9 &= ((9 + 8) \times (((7 + 6!) - 5) \times 4 \times 3!) + 2) \times 1 \\
 294611 &:= 1 + ((2 - (3! \times (4 \times (5 - 6! - 7)))) \times (8 + 9)) &= (9 \times (8! - (7! + (6! + 5)))) - (4^{3!+2-1}) \\
 294612 &:= (((((1+2)^{3!+4}) \times 5) + (6 - 7!/8)) - 9 &= (((9 + 8) \times (((7 + 6!) - 5) \times 4!)) + 3!^2) \times 1 \\
 294613 &:= -1 + ((23 - 4) \times (5^6 - (7 \times (8 + 9)))) &= (((9 + 8) \times (((7 + 6!) - 5) \times 4!)) + 3!^2) + 1 \\
 294614 &:= 1 \times ((23 - 4) \times (5^6 - (7 \times (8 + 9)))) &= (9 \times ((8! + 7) - (6^5 - 4!))) + 3!! \times 2 - 1 \\
 294615 &:= (((((1+2)!) \times 3^4)/5) + (6! + 7 \times 8! - 9) &= ((9 \times ((8!/7!) + (6! \times 5))) + (4^{3^2})) - 1 \\
 294616 &:= (1 \times 2 \times ((3+4)!) + (5! + (6^7 + 8!/9)) &= ((9 \times ((8!/7!) + (6! \times 5))) + (4^{3^2})) \times 1 \\
 294617 &:= (1 + (2 \times ((3+4)!)) + (5! + (6^7 + 8!/9)) &= ((9 \times ((8!/7!) + (6! \times 5))) + (4^{3^2})) + 1 \\
 294618 &:= (((((1+2)^{3!+4}) \times 5) - 6) - (7!/8 - 9) &= (9 \times (8!/7)) + (6 \times (5! + (4! + ((3! + 2)! - 1)))) \\
 294619 &:= -1 + ((2+3) \times (4 - (5! + (6! \times (7 - 89)))))) &= (9 - 8) \times ((7! - (6! + 5)) + (4!^3 \times 21)) \\
 294620 &:= (((((1+2)^{3!})/4) + (5 + (6! + 7 \times 8!))) - 9 &= ((9 + 8!) \times 7) + ((6 \times (5 + (4^{3!}/2))) - 1) \\
 294621 &:= (12 \times (3 + 4^5)) - (6 - (7 \times (8! + 9))) &= (9 \times (8! - (7! \times 6/5))) - (4!^3 + (2 + 1)) \\
 294622 &:= (-1 \times 2) + (((3!! \times 45) + (6 \times 7 \times 8)) \times 9) &= ((9 + 8!) \times 7) + ((6 \times (5 + (4^{3!}/2))) + 1) \\
 294623 &:= 1 \times (((((2+3!!) \times (45+6)) + 7) \times 8) - 9) &= (9 \times (8!/7)) + ((6 \times (5! + (4! + (3! + 2)!))) - 1) \\
 294624 &:= (((((1+2)^{3!+4}) \times 5) - (6! \times 7/8)) + 9 &= (9 \times (8 \times 7 + 6)) \times ((5! + 4! \times 3!) \times 2 \times 1) \\
 294625 &:= (-123 \times 45) + (67 \times (8!/9)) &= (9 \times (8!/7)) + ((6 \times (5! + (4! + (3! + 2)!))) + 1) \\
 294626 &:= ((1 - 2 - 3^4) \times (5 \times 6! - 7)) \times (8 - 9) &= (9 \times (8! - (7! \times 6/5))) - ((4!^3) - (2 \times 1)) \\
 294627 &:= (1 + 2) \times (((3 \times 4) + 5) \times (6! + (7! + 8 + 9))) &= ((9 + 8!) \times 7) + (6 \times (5 + (4^{3!}/2 + 1))) \\
 294628 &:= (((((1+2)^{3!})/4) - (5 - (6! + 7 \times 8!))) + 9 &= ((9 + 8!) \times 7) + ((6! + 5) \times (4! - (3! + (2 - 1)))) \\
 294629 &:= 1 - (2 - (3! \times (((4^5 \times 6) - 7) \times 8) + 9)) &= (((9 + 8) + (7! + 6!)) \times (54 - 3)) + 2) \times 1 \\
 294630 &:= 1 \times 2 \times (3 \times (((4^5 \times 6) - 7) \times 8) + 9) &= (9 \times (8!/7)) + (6 \times (5! + (4! + ((3! + 2)! + 1)))) \\
 294631 &:= ((1 + (((2+3!!) \times (45+6)) + 7)) \times 8) - 9 &= -98 + ((7! - 6!) + ((5 + (4!^3)) \times 21)) \\
 294632 &:= 1 \times (2 + (3! \times (((4^5 \times 6) - 7) \times 8) + 9)) &= (9 + ((8! - 7!) \times 6)) + (((5! - 4!) \times 3!^2) - 1) \\
 294633 &:= 1 + (2 + (3! \times (((4^5 \times 6) - 7) \times 8) + 9)) &= ((9 + 8!) \times 7) - 6^5 + (4 \times ((3! + (2 - 1)))!) \\
 294634 &:= (1 - (((2 - (3^4 \times 5)) \times 6!) + 7)) + 8!/9 &= (9 + ((8! - 7!) \times 6)) + (((5! - 4!) \times 3!^2) + 1) \\
 294635 &:= 1 \times (((2 \times 34) \times (5 - (6! - 7! - 8))) - 9) &= (((9 \times (8!/7 + 6!)) + 5!)/4!) \times (((3+2)!) + 1) \\
 294636 &:= (1+2)! + (3! \times (((4^5 \times 6) - 7) \times 8) + 9) &= 9 - ((8! - ((7^6) + ((5 + 4!) \times 3!))) \times (2 + 1)) \\
 294637 &:= (-1 - 2 + T(T(T(T(3)))) - T(4)) \times (5 + 6) + 7 + 8 + 9 &= (((-9 + 8) - 7 \times 6) \times ((5! - 4!^3)/2)) + 1 \\
 294638 &:= (((((1+2)^{3!})/4) + (5 + (6! + 7 \times 8!))) + 9 &= ((9 + 8!) \times 7) + (6 \times ((5^4) + 3!! \times 2)) - 1 \\
 294639 &:= 12 + ((3! + 45) \times (6! + (7! + 8 + 9))) &= (9 \times (8! - 7!)) + (((6! - 5) \times (4 - 3!^2)) - 1) \\
 294640 &:= 1 \times 2 \times (((3! + 4!) \times (5!/6 + 7!)) - 8!/9) &= 9 + (8! \times 7 + ((6 \times ((5^4) + 3!! \times 2)) + 1)) \\
 294641 &:= (1 - ((2 - (3^4 \times 5)) \times 6!)) + (7! \times 8/9) &= (9 \times (8! - 7!)) + (((6! - 5) \times (4 - 3!^2)) + 1) \\
 294642 &:= 1 \times 2 \times (((3!! + 4!) - (5^6 \times (7 - 8))) \times 9) &= 9 \times (8 - (((76 - 5!) \times (4! + 3!))) + (2 + 1)!) \\
 294643 &:= 1 - (2 \times (((3!! + 4!) + 5^6) \times ((7 - 8) \times 9))) &= (-9 \times (((8 + 7! - 6^5) \times (4 \times 3)) - 2)) + 1 \\
 294644 &:= 1 \times 2 \times (((3!! + 4) \times 5) + (6 + 7!)) \times (8 + 9) &= (9 \times ((8^{(7-6) \times 5}) - (4! + 3!))) + (2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 294645 &:= 1 - ((2 - (3! - (4! \times (5 - 6! - 7)))) \times (8 + 9)) &= 9 + (8! \times 7 + (6 \times ((5^4) + (3!! \times 2 + 1)))) \\
 294646 &:= 1 \times ((2 + 3!^4) \times ((5 \times 6 \times 7) + 8 + 9)) &= ((98 + 7!) - 6!/5) \times (((4! + 3!) \times 2) - 1) \\
 294647 &:= 1 + ((2 + 3!^4) \times ((5 \times 6 \times 7) + 8 + 9)) &= (((-9 + 8!) - (7! - (65 \times 4!))) \times (3! + 2)) - 1 \\
 294648 &:= (1 - (((2 - (3^4 \times 5)) \times 6!) - 7)) + 8!/9 &= 9 \times 8 + (((7!/(6!/5!)) - 4!) \times (3!!/2 + 1)) \\
 294649 &:= ((1 + (((2 + 3!!) \times (45 + 6)) + 7)) \times 8) + 9 &= 9 - (8 \times (7! + (6 - ((5! - 4) \times (3!!/2 + 1)))))) \\
 294650 &:= ((1 + 2)! - (3!! - 4)) \times (5 - ((6 \times 7!)/(8 \times 9))) &= ((9 + 8) \times (7 + ((6 \times (5! \times 4!)) + 3))) + ((2 + 1)!) \\
 294651 &:= 1 \times (((2 \times ((3!! + 4!) + 5^6)) - (7 - 8)) \times 9) &= (9 \times 8 \times (7! - 6!)) - (5 + (4^{3!+2-1})) \\
 294652 &:= 1 + (((2 \times ((3!! + 4!) + 5^6)) - (7 - 8)) \times 9) &= (-98 \times (7 - (((6 + 5!) \times 4!) - 3))) - ((2 + 1)!) \\
 294653 &:= 1 \times (((2 \times 34) \times (5 - (6! - 7! - 8))) + 9) &= (-9 + (((8! + 7!) + (6 \times (5^4))) \times 3!) + 2) \times 1 \\
 294654 &:= ((1 - (2 + 3!) \times 4!) \times 5!) + ((6 - (7! - 8!)) \times 9) &= (9 \times (8! - (7! - 6))) - (5! \times ((4! \times (3! + 2)) - 1)) \\
 294655 &:= 1 - (2 \times (((3 - 4!) \times (56 + 7!)) - 8! + 9)) &= (9 \times 8 \times (7! - 6!)) - (((5! + (4!/3))^2) + 1) \\
 294656 &:= 1 \times (2^{3!} \times (4 + 5! - (((6 - 7) \times 8!)/9))) &= (9 \times 8 \times (7! - (6 \times 5!))) - (4^{3!+2-1}) \\
 294657 &:= 1 - (2^{3!} \times (((4 + 5!) \times (6 - 7)) - 8!/9)) &= (9 \times 8 \times (7! - 6!)) - (((5! + (4!/3))^2) - 1) \\
 294658 &:= -1 - (2 - ((3!! \times 4! + (5! - 67)) \times (8 + 9))) &= (98 - 7) \times (((6! \times (5 + 4)) - 3!)/2 + 1) \\
 294659 &:= -1 \times (2 - ((3!! \times 4! + (5! - 67)) \times (8 + 9))) &= (9 \times ((8^{(7-6) \times 5} - 4!)) - (3!^2 + 1)) \\
 294660 &:= 1 \times (2 \times (((3!! + 4!) + 5^6) - (7 - 8)) \times 9) &= (9 \times (((8! + 7!)/6) + 5^4)) \times ((3 + 2) - 1) \\
 294661 &:= 1 + (2 \times (((3!! + 4!) + 5^6) - (7 - 8)) \times 9) &= (9 \times ((8^{(7-6) \times 5} - 4!)) - (3!^2 - 1)) \\
 294662 &:= 1 - (((2 + 3!!) \times 4!) + 5) \times ((6 - 7) \times (8 + 9))) &= ((9 + 8) \times (((7 + 6!) - 5) \times 4!) + (3 + 2)) + 1 \\
 294663 &:= (((1 + 2) \times 3!! + 4) \times 5!) + ((6^7/8) - 9) &= (((9 + 8!) \times 7) + 6!) + (5! \times ((4 \times (3! - 2)!) + 1)) \\
 294664 &:= (1 + ((2 \times 3!) \times (4^5 + 6))) + (7 \times (8! + 9)) &= ((9 + (((8! \times 7)/6!) + 5)) \times (4 + 3!)) + ((2 + 1)!) \\
 294665 &:= ((12 + 3!!) \times (4 \times 5)) + (6^7 + 89) &= (9 + ((8 \times ((7! + 6) \times 5))/4!)) \times (3!^2 - 1) \\
 294666 &:= (1 + 2)! \times (3! + (((4^5 \times 6) - 7) \times 8) + 9) &= ((9 \times ((8^{(7-6) \times 5} - 4! + 3))) - 2) - 1 \\
 294667 &:= ((1 + 2)!)! + (((3 + 4! \times 5!) \times 6) - 7) \times (8 + 9) &= 9 + (((8! + 7!) + (6 \times (5^4))) \times 3!) - (2 \times 1) \\
 294668 &:= (-1 \times (((2 \times 3)!) + 4)) \times (5! - ((67 \times 8) - 9)) &= (9 + ((8! + 7!) \times 6)) + (((5 \times (4! + 3!))^2) - 1) \\
 294669 &:= 1 \times (((2 + 3) + 4!) \times (((5! \times 6!) - 7!)/8) - 9) &= (9 + 8! - 7!) + (((6 \times 5!)/4) \times (3!! \times 2 + 1)) \\
 294670 &:= (1 \times 2 + 3!! + 4!) \times (5 - (6 \times (7 - 8 \times 9))) &= (9 + ((8! + 7!) \times 6)) + (((5 \times (4! + 3!))^2) + 1) \\
 294671 &:= 1 \times (((2 + (3^4 \times 5)) \times (6! - 7)) + 8!/9) &= 9 + (((8! + 7!) + (6 \times (5^4))) \times 3!) + 2 \times 1 \\
 294672 &:= (1 + ((2 + (3^4 \times 5)) \times (6! - 7))) + 8!/9 &= ((9 \times ((8^{(7-6) \times 5} - 4! + 3))) + 2) + 1 \\
 294673 &:= 1 + 2 \times 3!! + ((4! - (5 \times 6!)) \times (7 - 89)) &= (9 \times ((8^{(7-6) \times 5} - 4!)) - ((3! - 2)! - 1)) \\
 294674 &:= 1 \times (2 + (3 \times (4^5 + (6! \times ((7 + 8) \times 9)))) &= 98 + (((7!/(6!/5!)) - 4!) \times (3!!/2 + 1)) \\
 294675 &:= (((1 + 2) \times (3!! - 4!)) - 5) \times 6 + (7 \times (8! - 9)) &= (((9 + 8) \times (((7 + 6!) - 5) \times 4!) + 3!)) - 2 - 1 \\
 294676 &:= 1 - (((2 - ((3!!/4) + 5 \times 6!)) \times 78) + 9) &= (9 - 8) \times (((7! + (6^5)) - 4) \times ((3! - 2)! - 1)) \\
 294677 &:= 1 - (2 - ((3! + 45) \times ((6! - 78) \times 9))) &= ((9 + 8! - 7!) \times 6) + (((5! - 4!) \times 3!)^2) - 1 \\
 294678 &:= (((1 + 2)!)! \times (3 \times (4 + 5!))) - (6 \times (7 - 8!/9)) &= ((9 + 8) \times (7! + (6! \times 5 + (4! + 3)))) \times 2 \times 1 \\
 294679 &:= (1 + (2^{3!} + 4!)) \times ((5 \times (6! - (7 \times 8))) - 9) &= ((9 + 8! - 7!) \times 6) + (((5! - 4!) \times 3!)^2) + 1 \\
 294680 &:= 12 - ((3!! + 4) \times (5! - ((67 \times 8) - 9))) &= (((9 + 8) \times (((7 + 6!) - 5) \times 4!) + 3!)) + 2 \times 1 \\
 294681 &:= (((1 + 2) \times 3!! + 4) \times 5!) + ((6^7/8) + 9) &= (((9 + 8) \times (((7 + 6!) - 5) \times 4!) + 3!)) + 2 + 1 \\
 294682 &:= (((1 + 2)!^{3!})/4) - (5 - 6!) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - 6!) - (5 - ((4!^3) - ((2 + 1)!)!))
 \end{aligned}$$

$$\begin{aligned}
 294683 &:= -1 + 2 + T(T(T(T(3)))) - T(4) \times (5 - T(T(T(6)))) - 7 - 8 - 9 = (9 \times ((8^{(7-6) \times 5} - 4!)) - (3! \times 2 + 1)) \\
 294684 &:= ((1 + 2)!)! + (3 \times ((4 + ((5! \times 6) + 7!)) \times (8 + 9))) = ((9 \times ((8^{(7-6) \times 5} - 4!)) - 3!) - (2 + 1)!) \\
 294685 &:= (((1 + 2)^{3!+4}) \times 5) - 6! \times 7 + 8!/9 = (9 \times ((8^{(7-6) \times 5} - 4!)) - ((3! \times 2) - 1)) \\
 294686 &:= -1 - (((2 \times ((3 \times 4^5) + 6!)) - (7 + 8!)) \times 9) = (((9 + 8!) \times 7) - 6^5) + (((4!/3)!/2) - 1) \\
 294687 &:= (((1 + 2) \times ((3 \times 4!) + (5! \times 6!))) - 7!) + (8! - 9) = (9 + (8! - 7) \times 6) + (5! \times (((4! - 3!)^2) - 1)) \\
 294688 &:= 1 - (((2 \times ((3 \times 4^5) + 6!)) - (7 + 8!)) \times 9) = (((9 + 8!) \times 7) - 6^5) + (((4!/3)!/2) + 1) \\
 294689 &:= (1 - ((23 \times 4^5) - 6!)) - ((7! - 8!) \times 9) = 9 + ((8! - 7) - (6^5 - ((4^3)^2) - 1)) \\
 294690 &:= (1 + (2 \times (3 + 4!))) \times ((5! - 6) \times ((7 \times 8) - 9)) = (((9 + ((8! - 7!)/6)) \times 5) + 4!) \times (3^2 + 1) \\
 294691 &:= (((1 + 2)^{3!+4}) \times 5) + (6 - 7!) + 8!/9 = 9 + ((8! - 7) - (6^5 - ((4^3)^2) + 1)) \\
 294692 &:= (((1 + 2)^{3!})/4) + (5 + 6!) + (7 \times (8! + 9)) = ((9 + 8!) \times 7) + ((6 \times ((5^4) + 3! \times 2)) - 1) \\
 294693 &:= (1 + 2) \times (((3!! + 4!) \times (5! + 6)) + (7 + 8!/9)) = ((9 \times ((8^{(7-6) \times 5} - 4!)) - (3! - 2)) + 1) \\
 294694 &:= (1 - ((2 - ((3!!/4) + 5 \times 6!)) \times 78)) + 9 = ((9 + 8!) \times 7) + ((6 \times ((5^4) + 3! \times 2)) + 1) \\
 294695 &:= 1 - (2 - (((34 \times 5!) + (6 + 7)) \times 8 \times 9)) = (9 \times (8^{(7-6) \times 5})) - ((4! \times (3^2)) + 1) \\
 294696 &:= (((1 + 2)^{3!+4}) \times 5) + (((6! - 7!)/8) - 9) = ((9 + 8 \times 7!) - 6^5) + ((4^3)^2 - 1) \\
 294697 &:= ((1 + ((2 + 3)^4)) \times (5!/6)) + (7 \times (8! - 9)) = (9 \times (8^{(7-6) \times 5})) - ((4! \times (3^2)) - 1) \\
 294698 &:= 1 \times 2 - ((3 - (4^{5-6+7})) \times 8 \times 9) = ((9 + 8 \times 7!) - 6^5) + ((4^3)^2 + 1) \\
 294699 &:= (1 + 2) - ((3 - (4^{5-6+7})) \times 8 \times 9) = ((9 + 8!) \times 7) + (6 \times ((5^4) + (3! \times 2 + 1))) \\
 294700 &:= 1 \times (((2^{3 \times 4}) + (5! - 6)) \times (7!/(8 \times 9))) = ((9 \times ((8^{(7-6) \times 5} - 4!)) + (3! - 2)) \times 1) \\
 294701 &:= 1 + (((2^{3 \times 4}) + (5! - 6)) \times (7!/(8 \times 9))) = ((9 \times ((8^{(7-6) \times 5} - 4!)) + (3! - 2)) + 1) \\
 294702 &:= (1 + 2)! - ((3 - (4^{5-6+7})) \times 8 \times 9) = (9 + (((8 \times (7! \times 6))/5) + (4 + 3!))) \times (2 + 1)! \\
 294703 &:= 1 - (2 \times (((3! + 4!) \times (5! - (6! \times 7 - 8))) + 9)) = 9 + 8! + (7 - (6^5 - ((4^3)^2) - 1)) \\
 294704 &:= -1 + (((23 + 4! \times 5!) - 6!) \times ((7 + 8) \times 9)) = ((9 \times ((8^{(7-6) \times 5} - 4!)) + (3! + 2)) \times 1) \\
 294705 &:= (((1 + 2) \times ((3 \times 4!) + (5! \times 6!))) - 7!) + (8! + 9) = 9 + 8! + (7 - (6^5 - ((4^3)^2) + 1)) \\
 294706 &:= 1 + (((23 + 4! \times 5!) - 6!) \times ((7 + 8) \times 9)) = (((9 + ((8 + 7!) \times (6 \times 5))) - 4^{3!}) \times 2) \times 1 \\
 294707 &:= (((12^3) \times 4!) - (5 + 6)) \times 7 + 8!/9 = (((9 + ((8 + 7!) \times (6 \times 5))) - 4^{3!}) \times 2) + 1 \\
 294708 &:= 12 - ((3 - (4^{5-6+7})) \times 8 \times 9) = (((((9 \times 8) + 7!) - 6) \times (5 + 4!)) - 3!) \times 2 \times 1 \\
 294709 &:= (-1 + 2) - ((3!! + (4! \times 5! - 6)) \times (7 - 89)) = (9 \times ((8^{(7-6) \times 5} - 4!)) + (3! \times 2 + 1)) \\
 294710 &:= (1 + 2^{3!}) \times (((4 + 5) \times 6) + (7! \times 8/9)) = -98 - ((7 \times 6) - ((543^2) + 1)) \\
 294711 &:= (((1 + 2)!)! \times (3 \times 4!)) + (((5! + 6 \times 7!) \times 8) - 9) = (9 \times (8 + 7)) + ((6! + (5! - 4!)) \times (3!!/2 + 1)) \\
 294712 &:= 1 - (((2 + 3)! \times ((4 \times (5! - 6!)) - (7 \times 8))) + 9) = ((9 + 8) \times (7 - (6! - (5! \times 4!)))) \times (3! + 2 \times 1) \\
 294713 &:= 1 + (((2 + 3!!) \times 4!) + (56/7)) \times (8 + 9) = ((9 + (8! + 7!)) \times 6) + (((5 \times (4! + 3!))^2) - 1) \\
 294714 &:= (1 + 2)! \times ((3 \times (((4! \times 5!)/6!)^7) - 8) - 9) = ((9 + (8! + 7!)) \times 6) + ((5^4) \times (3! \times (2 + 1)!)) \\
 294715 &:= 1 - (((2 \times ((3!! + 4!) \times 5) + 67)) - 8!) \times 9) = ((9 + (8! + 7!)) \times 6) + (((5 \times (4! + 3!))^2) + 1) \\
 294716 &:= ((-1 - (2 + 3)!) \times 4) - (5 \times (6! \times (7 - 89))) = ((9 \times (8! - 7654)) + 3!!) + (2 \times 1) \\
 294717 &:= -123 - (((4 - 56) \times 7!)/8) \times 9) = (((9 + 8!) \times 7) + 6) + (5! + (4^3! \times (2 + 1))) \\
 294718 &:= (1 + 2)!! - ((3! - (4 \times (5 - 6! + 7!))) \times (8 + 9)) = (9 \times (8! - 7!)) - (((6!/5 + 4 + 3)^2) + 1) \\
 294719 &:= (-1 - 2 \times 3!!) - (4 \times (5! \times (6 - (7 \times 89)))) = (9 \times ((8^{(7-6) \times 5} - 4!)) + ((3! - 2)! - 1)
 \end{aligned}$$

$$\begin{aligned}
 294720 &:= (1 - (2^{3!} \times 4!)) \times ((5! \times (6 - 7)) - 8 \times 9) &= (((9 - (8 - 7)))! \times 6) + (5! \times (((4! - 3)^2) - 1)) \\
 294721 &:= (1 + 2 \times 3!!) - (4 \times (5! + ((6! - 7!) \times (8 + 9)))) &= (9 - (8 \times 7)) + (6!/5 \times (4^{3!}/2 - 1)) \\
 294722 &:= -1 - ((2 - (((3 + 4) - 5!) \times 67) + 8!)) \times 9 &= 98 + ((7! - (6 \times 5!)) + (4!^3 \times 21)) \\
 294723 &:= 1 \times (((2^{3!+4+5}) - (6 + (7 + 8))) \times 9) &= ((9 + 8!) \times 7) + ((6! - (5!/4)) \times (3 \times (2 + 1)!)) \\
 294724 &:= 1 + (((2^{3!+4+5}) - (6 + (7 + 8))) \times 9) &= (((9 \times (8!/7 + 6!)) + 5^4) \times (3 + 2)) - 1 \\
 294725 &:= 1 \times 2 + 9 \times ((3! + \sqrt{4})^5 - 6 - (7 + 8)) &= (9 \times ((8^{(7-6) \times 5}) - (4! - 3))) + (2 \times 1) \\
 294726 &:= -1 + (((2 + 3)! \times (4 + 5!)) + 6^7) - 89 &= (9 - (8 + 7)) \times ((6 \times (5 - 4^{3!} \times 2)) + 1) \\
 294727 &:= 1 \times (((2 + 3)! \times (4 + 5!)) + 6^7) - 89 &= ((9 + 8) \times ((7! + (6! - (5 - 4!))) \times 3)) - 2 \times 1 \\
 294728 &:= 1 - (2 - (3 \times ((4! - (5 - (6! + 7!))) \times (8 + 9)))) &= (9 + 8! \times 7) + ((65 \times (4! \times (3! + 2))) - 1) \\
 294729 &:= (((1 + 2)! \times (3 \times 4!)) + ((5! + 6 \times 7!) \times 8) + 9) &= (9 + 8 \times 7! \times 6) + (5! \times (((4! - 3)^2) - 1)) \\
 294730 &:= (1 - ((2 + 3)! \times ((4 \times (5! - 6!)) - (7 \times 8)))) + 9 &= (((9 + 8) \times ((7! + (6! - (5 - 4!))) \times 3)) + 2) - 1 \\
 294731 &:= 1 - (2 + (3 \times ((4 - (5! + (6! \times (7 + 8)))) \times 9))) &= (9 \times (8 + (7! \times 6))) + (((5 \times (4! + 3!))^2) - 1) \\
 294732 &:= (1 + 2)! \times (((3 \times (4! + 5!)) - (6 - (7! - 8))) \times 9) &= ((9 + 8! - 7) \times 6) + (5! \times (((4! - 3)^2) - 1)) \\
 294733 &:= 1 + (2 \times (3! \times (((45 - 6) \times 7!)/8) - 9))) &= (9 \times (8 + (7! \times 6))) + (((5 \times (4! + 3!))^2) + 1) \\
 294734 &:= 1 \times (2 - (3 \times ((4 - (5! + (6! \times (7 + 8)))) \times 9))) &= ((9 \times (((8 + 7) \times 6!) + (5! - 4) \times 3)) + 2) \times 1 \\
 294735 &:= (((1 + 2)!^{3!}/4) + (5! + 6!)) + (7 \times 8! - 9) &= (9 \times (((8 + 7) \times 6!) + (5! - 4) \times 3)) + 2 + 1 \\
 294736 &:= 1 \times ((2 \times (((3 + 4)! + 5!)) + (6^7 + 8!/9)) &= (-9 \times 8) - ((7 \times 6) - ((543^2) + 1)) \\
 294737 &:= 1 + ((2 \times (((3 + 4)! + 5!)) + (6^7 + 8!/9)) &= 9 + (8 \times ((76 \times (5! \times 4)) + (3!!/2 + 1))) \\
 294738 &:= (((1 + 2) \times ((3!! + 4!) \times (5! - 6)) - 7) + 8!) - 9 &= (9 - ((8 - (7 \times 6! - 5!)) \times (4! + 3!))) \times 2 \times 1 \\
 294739 &:= 1 - (2 \times (((3! + 4!) \times (5! - (6! \times 7 - 8))) - 9)) &= (9 - 8) \times ((7!/6 + (5 - 4!)) \times (3!!/2 - 1)) \\
 294740 &:= 1 - (2 - (((3 + 4) - 5!) \times 67) + 8!) \times 9 &= 9 - (8 - ((7!/6 + (5 - 4!)) \times (3!!/2 - 1))) \\
 294741 &:= ((1 + 2) \times 3!!) - ((4! + 5) \times (6 \times 7! - 8! - 9)) &= ((9 + 8! - (7! \times 6)) \times (5 + 4!)) + (3 \times (2 + 1)!!) \\
 294742 &:= -1 + (2 + (((3 + 4) - 5!) \times 67) + 8!) \times 9 &= (-98 + 7!) + ((6! + 5!) \times (4! + 321)) \\
 294743 &:= ((1 + 2)! \times ((34 \times (5 \times 6! + 7! + 8)) - 9) &= (-98 - 7!/6!) + ((543^2) - 1) \\
 294744 &:= 1 \times (((2 + 3)! \times (4 + 5!)) + 6^7) - 8 \times 9 &= (9 \times ((8^{(7-6) \times 5}) - (4! - 3!))) - (2 + 1)! \\
 294745 &:= 1 + (((2 + 3)! \times (4 + 5!)) + 6^7) - 8 \times 9 &= ((9 + 87) \times 6!) + ((5^4) \times (3!!/2 + 1)) \\
 294746 &:= 1 \times 2 \times (3!! + ((4! + 5) \times ((6! \times 7) + 8 + 9))) &= (((9 + 8) + 7 \times 6!) \times (5 + 4!)) + 3!! \times 2 \times 1 \\
 294747 &:= (((1 + 2) \times (3!! - 4!)) - 5) \times 6 + 7 \times 8! + 9 &= (9 + 8! \times 7) - (6 \times (5 + ((4! - 3!!) \times (2 + 1)))) \\
 294748 &:= -1 - ((2 - 3^4) \times (5 + (6 \times (7!/8 - 9)))) &= 9 \times 8 + (((7! + (6^5)) - 4) \times ((3! - 2)! - 1)) \\
 294749 &:= 1 \times (((2 + 3)^4) \times (5!/6)) + (7 \times 8! + 9) &= (9 \times (8! - ((7! \times 6 - 5!)/4))) - (3!!/2 + 1) \\
 294750 &:= 1 - ((2 - 3^4) \times (5 + (6 \times (7!/8 - 9)))) &= (9 \times (8! - ((7! \times 6 - 5!)/4))) - (3!!/2 \times 1) \\
 294751 &:= ((1 + ((2 + 3)^4)) \times (5!/6)) + (7 \times 8! - 9) &= (9 \times (8! - ((7! \times 6 - 5!)/4))) - (3!!/2 - 1) \\
 294752 &:= (((1 + 2) \times ((3!! + 4!) \times (5! - 6))) - (7 - 8!)) - 9 &= (9 \times ((8^{(7-6) \times 5}) - (4! - 3!))) + (2 \times 1) \\
 294753 &:= (((1 + 2)!^{3!}/4) + (5! + 6!)) + (7 \times 8! + 9) &= (9 + ((8! - 7!) \times 6)) + (5! + (4!^3 \times (2 + 1)!)) \\
 294754 &:= (1 \times 2 + T(T(T(T(3)))) \times (T(4) - 5 + 6) - 7 - 8 - 9 &= ((9 - (8 \times (7 + 6))) + (543^2)) \times 1 \\
 294755 &:= (((12 \times 3!!) + 4! + 5) \times (6 \times 7 - 8)) + 9 &= (9 \times ((8^{(7-6) \times 5}) - 4)) - (((3 + 2)! + 1) \\
 294756 &:= ((1 + 2)! - 3 \times 4!) \times ((5! + (6 - 7! \times 8))/9) &= 9 - (8 + (((7 + (6! + 5!)) \times ((4! - 3!!)/2)) + 1)) \\
 294757 &:= 1 - (((23 \times (4 - 5!)) - 6!) \times (78 + 9)) &= 9 - (8 + ((7 + (6! + 5!)) \times ((4! - 3!!)/2 \times 1)))
 \end{aligned}$$

$$\begin{aligned}
 294758 &:= -1 + ((2 + (((3 + 4) - 5!) \times 67) + 8!)) \times 9 &= 9 - ((8 + ((7 + (6! + 5!)) \times ((4! - 3!)/2))) - 1) \\
 294759 &:= ((1 + 2)^3) \times (((4! + (5! \times (6! + 7)))/8) + 9) &= (9 \times (8! + (7 + ((6 + 5) \times (4! - 3!)))) + ((2 + 1)!)) \\
 294760 &:= ((1 - (2 \times (3! + 4!))) \times (5! - 6! \times 7)) + 8!/9 &= (-9 - 87) + (6 + ((543^2) + 1)) \\
 294761 &:= 1 \times (((2 - (3 \times (4 - 5!))) \times (6! + 7)) + 8! - 9) &= (9 \times (8! - (((7! + 6) \times (5 + 4))/3!))) + (2 \times 1) \\
 294762 &:= (1 - (((2 - 3 \times 4!) \times (5 \times (6! + 7))) - 8!)) - 9 &= 9 - 8 - (7 - (6!/5 \times (4^{3!}/2 - 1))) \\
 294763 &:= 1 - (2 \times (3 - (((((4! \times 5!)/6!)^7) - 8) \times 9))) &= (9 + 8) \times (((7!/6 \times (5! + 4))/3!) - 21) \\
 294764 &:= 1 + ((2 + (3 \times (4! - (5 - (6! + 7!)))))) \times (8 + 9) &= (9 \times (8^{(7-6) \times 5})) - (4 \times (3!^2 + 1)) \\
 294765 &:= (1 + ((23^4) + 5^6)) - (78 \times 9) &= (9 \times (8! - (((7! + 6) \times (5 + 4))/3!))) + (2 + 1)! \\
 294766 &:= (((1 + 2) \times (3!! + 4!) \times (5! - 6))) + 7 + (8! - 9) &= (9 \times (8^{(7-6) \times 5})) - ((4! \times 3!) + 2 \times 1) \\
 294767 &:= 1 - (2 + (((((3 + 4)!/5) + 6! - 7!) \times 89)) &= (9 \times ((8^{(7-6) \times 5} + 4!)) - (3!!/2 + 1)) \\
 294768 &:= (((1 + 2)! \times (3! + 4!)) + ((5! + (6 \times 7! - 8)) \times 9) &= ((9 \times 8 \times 7) + (6 \times 5)) \times (4! \times ((3! - 2!) - 1)) \\
 294769 &:= (1 + ((2 + 3!) \times (4! \times 5!))) + (6 \times ((7! - 8) \times 9)) &= (9 \times ((8^{(7-6) \times 5} + 4!)) - (3!!/2 - 1)) \\
 294770 &:= 1 - (((((2 - (3! \times 4^5)) \times 6) + 7) \times 8) - 9) &= (9 \times (8^{(7-6) \times 5})) - ((4! \times 3!) - (2 \times 1)) \\
 294771 &:= (1 - ((2 - (((3 \times 4^5)/6) \times 7)) + 8!/9) &= (9 + ((8! + 7) \times 6)) + (5! \times (((4! - 3!)^2) - 1)) \\
 294772 &:= (1 + 2)!! - (((3!! - 4) \times 5) + 6) \times (7 - 89) &= 9 + (8 - (((7 + (6! + 5!)) \times ((4! - 3!)/2)) + 1)) \\
 294773 &:= -1 + (2 \times (3 + (((((4! \times 5!)/6!)^7) - 8) \times 9))) &= 9 + (8 - ((7 + (6! + 5!)) \times ((4! - 3!)/2 \times 1))) \\
 294774 &:= 1 \times (2 \times (3 + (((((4! \times 5!)/6!)^7) - 8) \times 9))) &= ((9 + 8 \times 7!) \times 6) + (5! \times (((4! - 3!)^2) - 1)) \\
 294775 &:= 1 + (2 \times (3 + (((((4! \times 5!)/6!)^7) - 8) \times 9))) &= (9 - 8) \times (7 + (6!/5 \times (4^{3!}/2 - 1))) \\
 294776 &:= 1 - (2 - (((3 - 4!) \times (5! - 6!)) + (7 \times (8! - 9)))) &= (9 + 8! \times 7) + (((6^5 + 4! \times 3!)/2) - 1) \\
 294777 &:= (12 \times (3!! + 4!)) + (5 \times 6! + (7 \times 8! + 9)) &= (9 \times ((8! - 7) - (6^5 + 4!))) + (3 \times (2 + 1)!!) \\
 294778 &:= (1 - 2 \times 3!) \times (4 + 5! - (6 \times (7 + 8!/9))) &= 9 + 8! + (((7 + 6!) \times (5 \times ((4! \times 3) - 2))) - 1) \\
 294779 &:= 1 \times (((2 - (3 \times (4 - 5!))) \times (6! + 7)) + 8! + 9) &= 9 + 8! - ((7 + 6!) \times ((5 + 4) - (3!!/2 - 1))) \\
 294780 &:= (1 - (((2 - 3 \times 4!) \times (5 \times (6! + 7))) - 8!)) + 9 &= 9 + 8! + (((7 + 6!) \times (5 \times ((4! \times 3) - 2))) + 1) \\
 294781 &:= 1 - ((2 - (3!! \times 4! - (5 - 67))) \times (8 + 9)) &= (((98 \times ((7 \times 6) + 5)) \times (4^3)) - 2) - 1 \\
 294782 &:= 1 \times 2 \times (((3 \times 4^5 \times 6) - 7) \times 8) - 9 &= ((9 + 8) \times ((7! + (6! + (5 \times 4))) \times 3)) + (2 \times 1) \\
 294783 &:= 1 - (2 - (((((3 \times 4^5)/6) \times 7) + 8!/9)) &= ((9 + 8) \times ((7! + (6! + (5 \times 4))) \times 3)) + (2 + 1) \\
 294784 &:= (1 \times 2^{3!}) \times ((4! \times 5) + (6 + (7! \times 8/9))) &= (9 \times (8! - ((7!/6 \times (5 + 4)) + 3!))) - 2 \times 1 \\
 294785 &:= (1 - (23 \times 4!)) \times (5! - (6! + (7 - 8 \times 9))) &= ((9 + 8) + ((7 + 65) \times (4^{3!} - 2))) \times 1 \\
 294786 &:= (1 \times 2 + (((3 \times 4^5)/6) \times 7)) + 8!/9 &= (9 + 8! \times 7) - (6 - (((5! - 4!)/3)^2 - 1)) \\
 294787 &:= ((1 + 2) + (((3 \times 4^5)/6) \times 7)) + 8!/9 &= 9 + (((8! \times 7) - 6) + ((5! - 4!)/3)^2 \times 1) \\
 294788 &:= 1 \times 2 + (((3 - 4!) \times 5!) - ((6 + 7!) - 8!)) \times 9 &= (9 + 8! \times 7) - (6 - (((5! - 4!)/3)^2 + 1)) \\
 294789 &:= (1 + 2) + (((3 - 4!) \times 5!) - ((6 + 7!) - 8!)) \times 9 &= ((9 \times (8^{(7-6) \times 5})) - 4) - (((3 + 2)! - 1) \\
 294790 &:= ((1 + 2)! + (((3 \times 4^5)/6) \times 7)) + 8!/9 &= ((98 \times ((7 \times 6) + 5)) \times (4^3)) + (2 + 1)! \\
 294791 &:= 1 \times ((2 \times (((3 \times 4^5 \times 6) - 7) \times 8)) - 9) &= (9 \times (8! - (7! + (6! - 5!)))) - ((4! \times (3!! + 2)) + 1) \\
 294792 &:= (1 + (2 \times (((3 \times 4^5 \times 6) - 7) \times 8))) - 9 &= (9 + (8! \times 7!/6!)) + (((5! - 4!)/3)^2 - 1) \\
 294793 &:= (1 - ((2 + 3!!) \times 4!)) + ((5! - (6! + 7! - 8!)) \times 9) &= (9 \times (8! - (7! + (6! - 5!)))) - ((4! \times (3!! + 2)) - 1) \\
 294794 &:= ((1 - (23 \times 4!)) \times (5 + ((6! - 7!)/8))) + 9 &= (9 \times ((8 + 7!) \times 6)) + (((5 + 4! \times 3!)^2) + 1) \\
 294795 &:= (((1 + 2)^{3!+4}) \times 5) - ((6 \times 7 + 8) \times 9) &= (9 \times (8! - ((7 + 6) \times (5^4)))) + ((3! + (2 - 1)))!
 \end{aligned}$$

$$\begin{aligned}
 294796 &:= 1 + ((2 + 3) \times (((4 + 5) \times (6! + 7)) + 8) \times 9)) &= ((9 \times (8^{(7-6) \times 5})) + 4) - (3! / (2 + 1)!) \\
 294797 &:= 1 \times (((2 + 3!) \times 4!) + (5! / 6 - 7)) \times (8 + 9)) &= ((9 \times (8^{(7-6) \times 5})) + 4) - (((3 + 2)!) - 1) \\
 294798 &:= 1 \times (((2 + ((3 \times 4^5) / 6)) \times 7) + 8! / 9) &= (9 + 8! \times 7) + ((6 + ((5! - 4! / 3)^2)) - 1) \\
 294799 &:= 1 - (2 + (((3 \times 4!) - 5) \times ((6! - 7! \times 8) / 9))) &= ((9 + ((8! / 7!) + 6!)) \times (((5 \times 4!) / 3!)^2)) - 1 \\
 294800 &:= (1 - 2) \times (((3 \times 4!) - 5) \times ((6! - 7! \times 8) / 9)) &= (9 + 8! \times 7) + (6 + (((5! - 4! / 3)^2) + 1)) \\
 294801 &:= (((1 + 2) \times (3! - 4!)) - 5) \times 6 + (7 \times (8! + 9)) &= ((9 + ((8! / 7!) + 6!)) \times (((5 \times 4!) / 3!)^2)) + 1 \\
 294802 &:= 1 \times (2 - (((3 \times 4!) - 5) \times ((6! - 7! \times 8) / 9))) &= (9 \times ((8^{(7-6) \times 5}) - (4 \times 3))) - 2 \times 1 \\
 294803 &:= 1 + (2 - (((3 \times 4!) - 5) \times ((6! - 7! \times 8) / 9))) &= (9 \times (8! - 7!)) - (((6 + 5^4) \times (3!^2)) + 1) \\
 294804 &:= (1 + 2)!! - (((3 \times (4 + 5!)) + 6!) \times 7) - 8! \times 9) &= ((9 \times (8! / 7 + 6)) + (5! - (4 \times 3!))) \times (2 + 1)! \\
 294805 &:= (((1 + 2) + ((3 \times 4^5) / 6)) \times 7) + 8! / 9 &= (9 \times (8! - 7!)) - (((6 + 5^4) \times (3!^2)) - 1) \\
 294806 &:= (1 + 2)! - (((3 \times 4!) - 5) \times ((6! - 7! \times 8) / 9)) &= 9 + (((8! - 7) \times 6) + (5! \times ((4! - 3)^2))) - 1 \\
 294807 &:= (((1 + 2) \times (3! + 4^5)) - (6! - 7)) - 8! / 9 &= (((9 + 8!) \times 7) - 6!) + ((5! + (4!^3)) - ((2 + 1)!)) \\
 294808 &:= 1 - (((2 - (3! \times 4^5)) \times (6! / (7 + 8))) + 9) &= 9 + (((8! - 7) \times 6) + (5! \times ((4! - 3)^2)) + 1) \\
 294809 &:= 1 \times ((2 \times (((3 \times 4^5 \times 6) - 7) \times 8)) + 9) &= (((9 \times 8) + 7) \times 6) \times (5^4) - (3! \times 2 + 1) \\
 294810 &:= (1 + (2 \times (((3 \times 4^5 \times 6) - 7) \times 8))) + 9 &= (9 - (8! - ((7 + 6!) \times (5! - 4!)))) \times (3^2 + 1) \\
 294811 &:= 1 + (2 - (3!! + ((4 + 5 \times 6!) \times (7 - 89)))) &= 9 \times 8 + ((7! / 6 + (5 - 4!)) \times (3! / 2 - 1)) \\
 294812 &:= 12 - (((3 \times 4!) - 5) \times ((6! - 7! \times 8) / 9)) &= (9 \times (8^{(7-6) \times 5})) - ((4 + 3!)^2 \times 1) \\
 294813 &:= ((1 + 2)!)! + (3 \times ((4! \times (5 + (6! + 7!))) - 8! - 9)) &= (9 \times (8^{(7-6) \times 5})) - (((4 + 3!)^2) - 1) \\
 294814 &:= ((1 + 2)!! - 3!) + (4 \times ((5 - 6! + 7!) \times (8 + 9))) &= (9 + 8! \times 7) + (((6 + 5) + 4!) \times (3! / 2 - 1)) \\
 294815 &:= ((1 - ((2 + 3)! \times (4 + 5!))) - 6^7) \times (8 - 9) &= (9 \times (8^{(7-6) \times 5})) - ((4 \times (3! - 2)!) + 1) \\
 294816 &:= 1 - ((2 \times (((3! + 4!) \times (5! + (6 - 7!))) + 8)) + 9) &= ((9 + (8! + 7)) \times 6) + (5! \times (((4! - 3)^2) - 1)) \\
 294817 &:= 1 - (((2 + 3)! \times (4 + 5!)) + 6^7) \times (8 - 9) &= (9 \times (8^{(7-6) \times 5})) - ((4 \times (3! - 2)!) - 1) \\
 294818 &:= 1 \times (2 \times (((3 \times 4^5 \times 6) - 7) \times 8) + 9) &= (((9 + 8) \times ((7! - 6! + 5) \times 4)) + (3! - 2)) \times 1 \\
 294819 &:= 1 + (2 \times (((3 \times 4^5 \times 6) - 7) \times 8) + 9) &= (((9 + 8) \times ((7! - 6! + 5) \times 4)) + (3! - 2)) + 1 \\
 294820 &:= (1 + 2)! + ((3!! \times 4! - (5 - 67)) \times (8 + 9)) &= (9 + (8! + 7!)) + ((6! - (5 + 4!)) \times (3! / 2 + 1)) \\
 294821 &:= -1 - ((2 - (3 \times ((4! \times 5) + (6! \times (7 + 8)))))) \times 9) &= (((9 + 8) \times ((7! - 6! + 5) \times 4)) + 3!) + (2 - 1) \\
 294822 &:= (1 + 2)! \times ((3 \times (((4! \times 5!) / 6!)^7) - 8)) + 9) &= (((9 + 8) \times ((7! - 6! + 5) \times 4)) + 3!) + (2 \times 1) \\
 294823 &:= (((1 + 2 \times 3!) \times 4^5) - 6!) + (7 \times 8! - 9) &= (((9 + 8) \times ((7! - 6! + 5) \times 4)) + 3!) + (2 + 1) \\
 294824 &:= (1 - ((2 \times ((3! + 4!) \times (5! + (6 - 7!)))) + 8)) - 9 &= 9 - (((8 \times 7) - 6!) \times (5! + ((4! - 3!)^2))) + 1 \\
 294825 &:= (((1 + 2)^{3!+4}) \times 5) - ((6 \times 7!) / (8 \times 9)) &= 9 - (((8 \times 7) - 6!) \times ((5! \times 4) - (3! \times (2 + 1)!))) \\
 294826 &:= (1 - ((2 - (3! \times 4^5)) \times (6! / (7 + 8)))) + 9 &= 9 - (((8 \times 7) - 6!) \times (5! + ((4! - 3!)^2))) - 1 \\
 294827 &:= 1 - (2 + (3 \times (4 - ((5! + (6! \times (7 + 8))) \times 9)))) &= 9 \times 8 - (((7 + (6! + 5!)) \times ((4! - 3!) / 2)) + 1) \\
 294828 &:= (1 + 2)!! - (3 \times (4 - (5! + ((6! + 7!) \times (8 + 9)))))) &= ((9 \times ((8! + (7 \times (6! \times 5)))) / 4) - 3!) \times 2 \times 1 \\
 294829 &:= ((1 + 2)^{3!}) + (4 \times ((5 - 6! + 7!) \times (8 + 9))) &= 9 \times 8 - (((7 + (6! + 5!)) \times ((4! - 3!) / 2)) - 1) \\
 294830 &:= ((1 - 2) + ((3 - 4!) \times (5! - 6!))) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) + (((6^5 + 4! \times 3!) / 2) - 1) \\
 294831 &:= ((1 + 2)!)! + ((3 \times ((4! \times (5 + (6! + 7!))) - 8!)) - 9) &= (((9 \times (((8 + 7) \times 6!) + 5!)) - 4) \times 3) + 2 + 1 \\
 294832 &:= 1 \times (2 \times (3!! - (4! - (((5 \times 6) \times 7!) - 8! / 9)))) &= 9 - ((8 - (7 \times (6! - 5))) \times (((4! + 3!) \times 2) - 1)) \\
 294833 &:= 1 \times 2 - (((3! - ((4 \times 5!) - 6)) \times (7! / 8)) + 9) &= 9 \times 8 - (7 - (6! / 5 \times (4^{3!} / 2 - 1)))
 \end{aligned}$$

$$\begin{aligned}
 294834 &:= 1 - ((2 \times ((3! + 4!) \times (5! + (6 - 7!))) + 8)) - 9 &= (9 + 8! - 7!) + ((6! - 5) \times (((4 + 3!)/2) + 1)) \\
 294835 &:= 1 \times ((23^4) + ((5! + 6) \times (7 \times (8 + 9)))) &= ((9 \times (8! - (7!/6 \times (5 + 4)))) - 3) - 2 \times 1 \\
 294836 &:= (1 + (23^4)) + ((5! + 6) \times (7 \times (8 + 9))) &= ((9 \times (8! - (7!/6 \times (5 + 4)))) - 3!) + (2 \times 1) \\
 294837 &:= (1 + 2)! - (((3! - ((4 \times 5!) - 6)) \times (7!/8)) + 9) &= (9 \times (8! - 7!)) - (((6! + 5!) \times (4! + 3)) + (2 + 1)) \\
 294838 &:= 1 \times (((((2 \times 3!)^4) + 5^6) \times 7) + 8! - 9) &= (9 + 8! - 7!) - (((6! + 5) \times ((4 - 3!)/2)) + 1) \\
 294839 &:= (1 + (((((2 \times 3!)^4) + 5^6) \times 7)) + (8! - 9)) &= (9 + 8! - 7!) - ((6! + 5) \times ((4 - 3!)/2 \times 1)) \\
 294840 &:= (1 - ((2 \times ((3! + 4!) \times (5! + (6 - 7!)))) - 8)) - 9 &= ((9 + 8!) \times 7) - (6 - (((5! - 4!/3)^2) - 1)) \\
 294841 &:= (((1 + 2 \times 3!) \times 4^5) - 6!) + (7 \times 8! + 9) &= ((9 + 8!) \times 7) - (6 - ((5! - 4!/3)^2 \times 1)) \\
 294842 &:= (1 - ((2 \times ((3! + 4!) \times (5! + (6 - 7!)))) + 8)) + 9 &= ((9 + 8!) \times 7) - (6 - (((5! - 4!/3)^2) + 1)) \\
 294843 &:= 1 - (2 \times (((3! + 4!) \times (5! + (6 - 7!))) + (8 - 9))) &= ((9 + 8! \times 7) - 6) + ((5 \times ((4 + 3)!)/2 \times 1) \\
 294844 &:= (((1 + 2)! \times 3!) + 4) - (((5! \times 67) - 8!) \times 9) &= ((9 \times (8! - (7!/6 \times (5 + 4)))) + 3!) - 2 \times 1 \\
 294845 &:= ((1 + (((2 \times 3!)^4) + 5^6)) \times 7) + (8! - 9) &= ((9 \times (8! - (7!/6 \times (5 + 4)))) + 3) + (2 \times 1) \\
 294846 &:= 1 - (2 - (((3! \times 4^5 \times 6) - 7) \times 8) - 9) &= ((9 + 8!) \times 7!/6!) + (((5! - 4!/3)^2) - 1) \\
 294847 &:= ((1 + 2) \times ((3 + 4)!)) - (5! - (6^7 - 89)) &= 9 \times 8 + (7 + (6!/5 \times (4^3!/2 - 1))) \\
 294848 &:= 1 \times 2 \times (3! - (4 \times ((5 \times (6! + 7)) - 8! + 9))) &= (9 + 8 \times 7! \times 6) + ((5! \times ((4! - 3)^2)) - 1) \\
 294849 &:= 1 \times 2 + (((3! \times 4^5 \times 6) - 7) \times 8) - 9 &= (9 + (8! \times 7 + 6!)) + (5! \times (((4 + 3!)^2) - 1)) \\
 294850 &:= (1 + (2 \times (3!^4 \times (5! - 6)))) - (7!/8 + 9) &= (9 + 8 \times 7! \times 6) + ((5! \times ((4! - 3)^2)) + 1) \\
 294851 &:= 1 \times 2 - (((3! - ((4 \times 5!) - 6)) \times (7!/8)) - 9) &= ((9 + 8! - 7) \times 6) + (((5! \times ((4! - 3)^2)) - 1) \\
 294852 &:= 1 \times 2 \times (3! - (((4 - (5 \times 6)) \times 7!/8) \times 9)) &= ((9 + 8!) \times 7) + ((6 + ((5! - 4!/3)^2)) - 1) \\
 294853 &:= ((1 + 2)! + (((3! \times 4^5 \times 6) - 7) \times 8)) - 9 &= ((9 + 8! - 7) \times 6) + (((5! \times ((4! - 3)^2)) + 1) \\
 294854 &:= 1 \times (2 + (3 \times (4 + ((5! + (6! \times (7 + 8))) \times 9)))) &= ((9 + 8!) \times 7) + (6 + (((5! - 4!/3)^2) + 1)) \\
 294855 &:= (1 + 2)! - (((3! - ((4 \times 5!) - 6)) \times (7!/8)) - 9) &= (9 + 8! \times 7 + 6) + ((5 \times ((4 + 3)!)/2 \times 1) \\
 294856 &:= 1 \times (((((2 \times 3!)^4) + 5^6) \times 7) + 8! + 9) &= 9 + 8 + ((7 \times ((6! - (5! \times (4! - 3!))))/2) - 1) \\
 294857 &:= (1 + (((((2 \times 3!)^4) + 5^6) \times 7)) + (8! + 9)) &= (9 + 8 - 7!) - ((6! + 5!) \times (((4 - 3!)/2) + 1)) \\
 294858 &:= (1 - ((2 \times ((3! + 4!) \times (5! + (6 - 7!)))) - 8)) + 9 &= 9 + 8 + ((7 \times ((6! - (5! \times (4! - 3!))))/2) + 1) \\
 294859 &:= (12 + (((3! \times 4^5 \times 6) - 7) \times 8)) - 9 &= ((9 - (8 - 7)))! - (((6! - 5) \times (4 - 3!/2)) + 1) \\
 294860 &:= 1 \times 2 - ((3! - ((4^{5-6+7} \times 8)) \times 9) &= 9 + 8! - ((7 - (6 \times 5! - 4)) \times (3!/2 - 1)) \\
 294861 &:= (((1 + 2) - 3!) \times (4 - 5!)) - ((6 \times (7! - 8!)) - 9) &= 9 + 8! - 7 - (((6! - 5) \times (4 - 3!/2)) + 1) \\
 294862 &:= (-1 + 23) - (((4 - 56) \times 7!/8) \times 9) &= 9 + 8! - 7 - ((6! - 5) \times (4 - (3!/2 \times 1))) \\
 294863 &:= ((1 + (((2 \times 3!)^4) + 5^6)) \times 7) + (8! + 9) &= 9 + 8! - 7 - (((6! - 5) \times (4 - 3!/2)) - 1) \\
 294864 &:= (1 + ((2 + (3! \times 4^5 \times 6)) - 7) \times 8) - 9 &= (9 - (8 \times 7)) + ((6!/5 \times (4^3!/2)) - 1) \\
 294865 &:= (((1 + 2)! - 3!) \times ((4 \times 5!) - 67)) - 8) - 9 &= (9 - (8 \times 7)) + (6!/5 \times (4^3!/2 \times 1)) \\
 294866 &:= 1 - ((2 - ((3! \times (4! \times 5!)) + 67)) \times (8 + 9)) &= 9 - ((8 \times 7) - ((6!/5 \times (4^3!/2)) + 1)) \\
 294867 &:= (1 \times 2 \times (3!^4 \times (5! - 6))) - (7!/8 - 9) &= ((9 - (8! - ((7! + (6! + 5)) \times 4!))) \times 3) + ((2 + 1)!!) \\
 294868 &:= (1 + (2 \times (3!^4 \times (5! - 6)))) - (7!/8 - 9) &= 9 + 8 \times 7! - (((6! - 5) \times (4 - 3!/2)) + 1) \\
 294869 &:= 1 \times (2 + ((3 - (((4 - 56) \times 7!/8)) \times 9)) &= 9 + 8! + (((7 - 6!) \times (5 - ((4 + 3!)/2))) - 1) \\
 294870 &:= (((1 + 2) \times (((3! + 4)^5) - 6)) - 7!) - 8 \times 9 &= 9 + 8! + ((7 - 6!) \times (5 - ((4 + 3!)/2 \times 1))) \\
 294871 &:= ((1 + 2)! + (((3! \times 4^5 \times 6) - 7) \times 8)) + 9 &= 9 + 8! + (((7 - 6!) \times (5 - ((4 + 3!)/2))) + 1)
 \end{aligned}$$

$$\begin{aligned}
 294872 &:= 1 \times 2 \times (3!! - (4 - ((5 \times 6) \times 7!) - 8!/9)) &= 9 - (((8!/7!) \times (6 - ((5! + 4! \times 3)^2))) + 1) \\
 294873 &:= ((1 + 2) + 3!^4) \times ((5 \times 6 \times 7) + 8 + 9) &= ((9 \times (8^{(7-6) \times 5})) - 4) - (3!^2 - 1) \\
 294874 &:= (1 - 2) + (3 + ((4 - (5 \times 6!)) \times (7 - 89))) &= 9 - (((8!/7!) \times (6 - ((5! + 4! \times 3)^2))) - 1) \\
 294875 &:= 1 - (2 \times (((3! + 4!) \times (5! + (6 - 7!))) - (8 + 9))) &= (9 + (8! + 7)) - (((6! - 5) \times (4 - 3!/2)) + 1) \\
 294876 &:= 1 \times 2 \times (((3! + ((4! \times 5!)/6!)^7) - 8) \times 9) &= (9 \times (8 - ((7 + ((6 - 5!) \times 4!)) \times 3!)) \times 2 \times 1) \\
 294877 &:= (12 + (((3! \times 4^5 \times 6) - 7) \times 8)) + 9 &= 9 - (8 - (((7! - 6!)/5!) \times ((4^{3!} \times 2) - 1))) \\
 294878 &:= (1 + 2) + (3 + ((4 - (5 \times 6!)) \times (7 - 89))) &= ((9 \times (8^{(7-6) \times 5})) - 4!) - (3^2 + 1) \\
 294879 &:= ((1 + 2)!)! + (((3! + 45) \times (6! + 7! + 8)) - 9) &= ((9 \times (8^{(7-6) \times 5})) + 4) - (3!^2 + 1) \\
 294880 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times (6! - (7 - 8))) - 9 &= (9 \times ((8! - 7) - 6^5)) + (4^{3!}/2 - 1) \\
 294881 &:= 1 \times (((2 + (3! \times 4^5 \times 6) - 7) \times 8) + 9) &= 9 - ((8!/7!) \times (6 - (((5! + 4! \times 3)^2) + 1))) \\
 294882 &:= 1 - (((((2 - (3! \times 4^5)) \times 6) - 7) \times 8) - 9) &= (9 \times ((8! - 7) - 6^5)) + (4^{3!}/2 + 1) \\
 294883 &:= 1 + (((2 + 3!!) \times 4!) + (5 + (6 + 7))) \times (8 + 9) &= (9 \times (8 + 7!)) + ((6! - (5 + 4!)) \times (3!/2 + 1)) \\
 294884 &:= 1 - (2 + ((3 - ((4^{5-6+7}) \times 8)) \times 9)) &= ((9 \times (8^{(7-6) \times 5})) - (4! + 3!)) + (2 \times 1) \\
 294885 &:= (1 + 2) \times ((3! \times (4^{56 \times 7!/8!})) - 9) &= ((9 \times (8^{(7-6) \times 5})) - ((4 \times 3!) + 2)) - 1 \\
 294886 &:= 1 + (((2 + 3) - (((4 - 56) \times 7!)/8)) \times 9) &= 9 + (((8^{(7-6) \times 5}) - 4) \times (3^2)) + 1) \\
 294887 &:= 1 \times (2 - ((3 - ((4^{5-6+7}) \times 8)) \times 9)) &= (9 \times (8! - (7! + (6! - 5!)))) - ((4! \times (3!! - 2)) + 1) \\
 294888 &:= ((1 + ((2 + 3!) \times 4!)) \times 5!) + (6 \times ((7! - 8) \times 9)) &= (9 \times (8! - (7! + (6! - 5!)))) - (4! \times (3!! - (2 \times 1))) \\
 294889 &:= (1 + ((2 - 3!!) \times 4!)) + ((5! - (6! + 7! - 8!)) \times 9) &= (9 \times (8! - (7! + (6! - 5!)))) - ((4! \times (3!! - 2)) - 1) \\
 294890 &:= 1 - (23 - ((4^{5-6+7}) \times 8 \times 9)) &= (9 + ((8! + 7) \times 6)) + ((5! \times ((4! - 3)^2)) - 1) \\
 294891 &:= (((1 + 2)!)! \times (3 + 4!)) - (5 - (6^7 - 8!/9)) &= ((9 \times (8^{(7-6) \times 5})) + 4) - ((3! - 2)! + 1) \\
 294892 &:= (1 + 2 \times 3!) \times (4 \times ((5! \times 6) + (7! - 89))) &= 9 + (((8! + 7) \times 6) + ((5! \times ((4! - 3)^2)) + 1)) \\
 294893 &:= 1 + ((23 + 4! + 5) \times (6! + (7! - 89))) &= ((9 + 8 \times 7!) \times 6) + ((5! \times ((4! - 3)^2)) - 1) \\
 294894 &:= ((1 + 2)!)! + ((3 \times 4^5) + (((6 + 7!) - 8) \times 9)) &= ((9 + (8 + 7)) - 6) \times (((5! + (4!/3))^2) - 1) \\
 294895 &:= (((1 + 2 \times 3!) \times 4^5) - 6!) + (7 \times (8! + 9)) &= ((9 + 8 \times 7!) \times 6) + ((5! \times ((4! - 3)^2)) + 1) \\
 294896 &:= ((1 - (2 \times (3! + 4!))) \times (5 + 6! - 7!)) + (8! - 9) &= 9 + ((8! \times 7 + ((6 \times (5! + 4^{3!}))/2)) - 1) \\
 294897 &:= (1 + ((2 \times (3^4 \times 5!)) + 6^7)) - 8!/9 &= ((9 \times (8^{(7-6) \times 5})) - 4) - ((3! \times 2) - 1) \\
 294898 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times (6! - (7 - 8))) + 9 &= (9 + 8! \times 7) + (((6 \times (5! + 4^{3!}))/2) + 1) \\
 294899 &:= (1 - 2 \times 3!) \times (4! + (5 + (6 \times (7 - 8!/9)))) &= (9 - (8 \times (7!/6! - 5!))) \times (((4! - 3!)^2) - 1) \\
 294900 &:= (((1 + 2)^{3!+4}) \times 5) - ((6 \times 7 \times 8) + 9) &= (((9 - 8) + 7!) - (6 + 5!)) \times (4! + 3!) \times 2 \times 1 \\
 294901 &:= (1 - 2 \times 3!) + ((4^{5-6+7}) \times 8 \times 9) &= ((9 + 8!) \times 7) + (((6! - 5!) \times (4! - 3)) - (2 \times 1)) \\
 294902 &:= 1 \times (2 \times (3!! - ((4 \times ((5 \times (6! + 7)) - 8!)) + 9))) &= ((9 \times (8^{(7-6) \times 5})) - 4!/3) - 2 \times 1 \\
 294903 &:= 1 + (2 \times (3!! - ((4 \times ((5 \times (6! + 7)) - 8!)) + 9))) &= (((9 + 8!) \times 7) + 6!) + (5! \times (((4 + 3!)^2) - 1)) \\
 294904 &:= 1 \times ((2^{3!}) - (((4 - 56) \times 7!)/8) \times 9) &= 9 - (((8 - (((7! - 6!)/5!) \times 4^{3!})) \times 2) + 1) \\
 294905 &:= (1 \times 2 + ((3 - 4!) \times (5! - 6!))) + (7 \times (8! + 9)) &= 9 \times 8 + (7 \times (((6! - (5! \times (4! - 3!)))/2) - 1)) \\
 294906 &:= (((1 + 2) - 3!!) \times (4 - 5!)) - (6 \times (7! - 8! - 9)) &= 9 - 8 - (7 - (6!/5 \times (4^{3!}/2 \times 1))) \\
 294907 &:= (1 - ((2 - (3!! - 4!)) \times 5!)) - (6 \times (7! - 8! + 9)) &= 9 - 8 - (7 - ((6!/5 \times (4^{3!}/2)) + 1)) \\
 294908 &:= 1 \times ((2 - 3!) + ((4^{5-6+7}) \times 8 \times 9)) &= ((9 \times (8^{(7-6) \times 5})) + (4 - 3!)) - 2 \times 1 \\
 294909 &:= 1 + ((2 - 3!) + ((4^{5-6+7}) \times 8 \times 9)) &= ((9 \times (8^{(7-6) \times 5})) + 4) - (3! + (2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 294910 &:= (1 + (2 \times (3 + 4!))) \times (((5! + 6) \times 7) + 8!/9) &= (((9 + 8!) \times 7) + 6) + (((5 \times ((4 + 3)!)/2) + 1) \\
 294911 &:= 1 \times 2 - (3 - ((4^{5-6+7}) \times 8 \times 9)) &= (9 \times (((8! + 7!/6)/5) \times 4)) - (3!! \times 2 + 1) \\
 294912 &:= (((1 + 2)!) \times (3! + 4!)) + ((5! + (6 \times 7! + 8)) \times 9) &= ((9 \times 8) - 7!) - ((6! + 5!) \times (((4 - 3!)/2) + 1)) \\
 294913 &:= (1 - (2 \times ((3! + 4!) \times (5! + (6 - 7!)))) + 8 \times 9 &= (9 \times (((8! + 7!/6)/5) \times 4)) - (3!! \times 2 - 1) \\
 294914 &:= ((1 - (2 \times (3! + 4!))) \times (5 + 6! - 7!)) + (8! + 9) &= 9 + 8! + ((7! - (6! + 5)) \times (((4! + 3!) \times 2) - 1)) \\
 294915 &:= (1 + ((2 - 3!!) \times (4 - 5!))) - (6 \times (7! - 8! + 9)) &= ((9 \times (8^{(7-6) \times 5})) - 4) + (3! + (2 - 1)) \\
 294916 &:= 1 \times (2 \times ((34 + (5 \times 6! + 7!)) \times (8 + 9))) &= (9 + 8! - (7 - (6!/5 \times (4! + 3!)))) \times 2 \times 1 \\
 294917 &:= 1 \times 2 + (3 + ((4^{5-6+7}) \times 8 \times 9)) &= ((9 \times 8 \times (((7 + 6) - 5^4)) + 3) + (2 \times 1) \\
 294918 &:= ((1 \times 2 \times 3!^4) - 5) \times (6 \times 7 + 8 \times 9) &= ((9 - 8) \times 7) + ((6!/5 \times (4^3/2)) - 1) \\
 294919 &:= ((1 + 2) \times ((3 + 4)!)) - (5! - (6^7 - (8 + 9))) &= 9 \times 8 + (7 \times (((6! - (5! \times (4! - 3!)))/2) + 1)) \\
 294920 &:= 1 \times ((2 + 3!) + ((4^{5-6+7}) \times 8 \times 9)) &= (9 - 8) \times (7 + ((6!/5 \times (4^3/2)) + 1)) \\
 294921 &:= 1 + ((2 + 3!) + ((4^{5-6+7}) \times 8 \times 9)) &= (9 \times ((8 \times (7 \times 6)) - 5)) \times (((4 + 3!)^2) - 1) \\
 294922 &:= (((1 + 2)!^{3+4}) + 5^6) - (7!/8 + 9) &= (9 + (8^{(7-6) \times 5})) + ((4^3)^2 + 1) \\
 294923 &:= (1 \times 2 + (((3 \times 4)^5) + (6! + 7!))) + (8! + 9) &= 9 - (((8!/(7!/6)) - 5!) \times 4^3) - (2 \times 1) \\
 294924 &:= 1 \times 2 - (3!! \times 4 - (5^6 + (7 \times (8! - 9)))) &= ((9 \times (8^{(7-6) \times 5})) + (4 + 3!)) + (2 \times 1) \\
 294925 &:= 1 + 2 \times 3! + ((4^{5-6+7}) \times 8 \times 9) &= (9 \times (8! - 7!)) - (6! + ((5^4) \times (3!^2 - 1))) \\
 294926 &:= ((12/3!) - (4 \times 5!)) \times (6 - (7 \times 89)) &= ((9 \times (8^{(7-6) \times 5})) + 4) + 3^2 + 1 \\
 294927 &:= ((1 + 2)!! + (((3 \times 4)^5) + (6 + 7!))) + (8! + 9) &= (9 + (8! - 7) \times 6) + (5! \times (((4! - 3!)^2) + 1)) \\
 294928 &:= ((1 \times 2 \times (3!^4 \times (5! - 6))) - 7!) + 8!/9 &= (9 + 8! - (7 + (6!/5 \times 4!))) \times (3! + 2 \times 1) \\
 294929 &:= ((1 + (2 \times (3!^4 \times (5! - 6)))) - 7!) + 8!/9 &= (9 \times (8! - (((7! \times 6) + 5!)/4))) + (3!!/2 - 1) \\
 294930 &:= (((1 \times 2 - 3!!) \times 4) + 5^6) + (7 \times (8! - 9)) &= (9 \times (8 + ((7 + 6!) \times 5))) + ((4^3)^2 - 1) \\
 294931 &:= ((1 + ((2 - 3!!) \times 4) + 5^6) + (7 \times (8! - 9)) &= (9 \times (8! - (((7! \times 6) + 5!)/4))) + (3!!/2 + 1) \\
 294932 &:= -1 + ((2 + ((3! \times (4! \times 5!)) + 67)) \times (8 + 9)) &= (9 \times (8 + ((7 + 6!) \times 5))) + ((4^3)^2 + 1) \\
 294933 &:= (1 + 2) \times ((3!! + (4! + ((5 - 6) + 7!))) \times (8 + 9)) &= ((9 \times (8^{(7-6) \times 5})) - 4) + ((3! - 2)! + 1) \\
 294934 &:= 1 \times (((2 \times (3! - 4!)) + 5) \times (6 - (7! + 8!/9))) &= 9 + (((8! + (7 + (6!/5 \times (4! + 3!)))) \times 2) - 1) \\
 294935 &:= 1 + (((2 \times (3! - 4!)) + 5) \times (6 - (7! + 8!/9))) &= ((9 + (8! + 7)) \times 6) + ((5! \times ((4! - 3!)^2)) - 1) \\
 294936 &:= ((1 + 2) + (3! \times 4^5 \times 6)) \times (7 - 8 + 9) &= ((9 \times (8^{(7-6) \times 5})) + (4! - (3 - 2))) + 1 \\
 294937 &:= (((1 + 2) \times (3! + 4)^5) - (6 + 7! + 8)) - 9 &= ((9 + (8! + 7)) \times 6) + ((5! \times ((4! - 3!)^2)) + 1) \\
 294938 &:= 1 \times (2 \times (3!! - ((4 \times ((5 \times (6! + 7)) - 8!)) - 9))) &= (9 + (((8! - ((7 + 6!) \times 5)) \times 4) + 3!)) \times 2 \times 1 \\
 294939 &:= 1 + (2 \times (3!! - ((4 \times ((5 \times (6! + 7)) - 8!)) - 9))) &= ((9 \times (8^{(7-6) \times 5})) + 4) + ((3! - 2)! - 1) \\
 294940 &:= ((1 + (2 + 3!)) \times (4 + 5!)) - (6^7 \times (8 - 9)) &= ((9 \times (8^{(7-6) \times 5})) + (4! + 3!)) - 2 \times 1 \\
 294941 &:= 1 \times (2 + ((3 + ((4^{5-6+7}) \times 8)) \times 9)) &= ((9 \times (8^{(7-6) \times 5})) + 4) + ((3! - 2)! + 1) \\
 294942 &:= 1 + (2 + ((3 + ((4^{5-6+7}) \times 8)) \times 9)) &= ((9 \times ((8^{(7-6) \times 5}) + 4)) - 3) - (2 + 1) \\
 294943 &:= 1 \times (((((2 + (3! \times 4^5)) \times 6) - 7) \times 8) - 9) &= (9 \times (8 \times 7! - 6^5)) + (4^3/2 - 1) \\
 294944 &:= 1 + (((((2 + (3! \times 4^5)) \times 6) - 7) \times 8) - 9) &= 9 + 8! + ((7! \times 6) + ((5^4) \times (3!!/2 - 1))) \\
 294945 &:= (((((1 + 2) \times 3!! + 4) \times 5!) - ((6 + 7!) - 8!)) - 9) &= (9 \times (8 \times 7! - 6^5)) + (4^3/2 + 1) \\
 294946 &:= (((1 - (2 + 3!)) \times 4!) + 5^6) + (7 \times (8! - 9)) &= 9 + (((8 - 7) + (6! + (5! - 4!))) \times (3!!/2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 294947 &:= 1 - (2 - (3 \times ((4 + (5! + (6! \times (7 + 8)))) \times 9))) \\
 294948 &:= (((1 + 2)^3) \times (4 - (5! + 6!))) - ((7! - 8!) \times 9) \\
 294949 &:= (((1 + 2) \times (3! + 4)^5) + (6 - 7! - 8)) - 9 \\
 294950 &:= 1 \times 2 + (3 \times ((4 + (5! + (6! \times (7 + 8)))) \times 9)) \\
 294951 &:= (((1 + 2) \times 3!! + 4) \times 5!) - (6! \times 7 - 8! + 9) \\
 294952 &:= 1 - (((2 - (3!! - 4!)) \times 5!) + ((6 \times (7! - 8!)) + 9)) \\
 294953 &:= (((1 + 2) \times (3! + 4)^5) - 6) - (7! - 8 + 9) \\
 294954 &:= (1 \times 2 + (3!!/4 \times 5)) \times ((6 \times 7 \times 8) - 9) \\
 294955 &:= (((1 + 2) \times (3! + 4)^5) - (6 + 7! + 8)) + 9 \\
 294956 &:= 1 \times (2 + ((3 - (4! \times 5! + 6!)) \times (7 - 89))) \\
 294957 &:= (((1 + 2) \times 3!! + 4) \times 5!) + (6 - 7!) + (8! - 9) \\
 294958 &:= 1 - (2 - (((3! \times 4^5 \times 6) + 7) \times 8) - 9) \\
 294959 &:= ((1 \times 2 - 3!!) \times (4 - 5!)) - ((6 \times (7! - 8!)) + 9) \\
 294960 &:= (1 + ((2 - 3!!) \times (4 - 5!))) - ((6 \times (7! - 8!)) + 9) \\
 294961 &:= (1 - (((2 + (3!!/4) \times 5!) + 6!)) - ((7! - 8!) \times 9) \\
 294962 &:= (1 - ((2 - ((3! \times 4^5 \times 6) + 7) \times 8)) + 9) \\
 294963 &:= ((1 + (2 \times 3!^4)) \times (5! - 6)) - (7!/8 + 9) \\
 294964 &:= 1 + (2 - (3!! - (((4! \times (5 + 6!)) - 7) \times (8 + 9)))) \\
 294965 &:= (1 + 2)! + (((3! \times 4^5 \times 6) + 7) \times 8) - 9) \\
 294966 &:= (((1 + 2) \times (3! + 4)^5) + 6) - ((7! + 8!)/9) \\
 294967 &:= (((1 + 2) \times (3! + 4)^5) + (6 - 7! - 8)) + 9 \\
 294968 &:= 1 \times (2 + (3! \times ((4^5 \times (6!/(7 + 8))) + 9))) \\
 294969 &:= ((1 - ((2 + 3!!) \times 4)) + (5^6 + 7 \times 8!)) - 9 \\
 294970 &:= 1 - (((2 - (3!! - 4!)) \times 5!) + ((6 \times (7! - 8!)) - 9)) \\
 294971 &:= ((1 - (2 + 3!)) \times ((4 \times (5 + 6!)) - 7!)) + (8! - 9) \\
 294972 &:= (1 + 2)! + (3! \times ((4^5 \times (6!/(7 + 8))) + 9)) \\
 294973 &:= ((1 + 2)! + (((3! \times (4! \times 5! + 6)) - 7) \times (8 + 9))) \\
 294974 &:= 1 - (2 - (345 \times (6! + ((7 + 8) \times 9)))) \\
 294975 &:= 1 - ((2 + 3!! \times 4) - (5^6 + 7 \times 8! - 9)) \\
 294976 &:= 1 \times (2^{3!} + ((4^{5-6+7}) \times 8 \times 9)) \\
 294977 &:= (1 + (((2^{3!} + 4!) \times 5!) + 6^7)) + 8!/9 \\
 294978 &:= 1 - (((2^{3!} \times (4! + (5! - 6!))) - 7) \times 8) - 9) \\
 294979 &:= 1 \times (2 + (((3! \times 4^5 \times 6) + 7) \times 8) + 9) \\
 294980 &:= 1 + (2 + (((3! \times 4^5 \times 6) + 7) \times 8) + 9) \\
 294981 &:= ((1 + (2 \times 3!^4)) \times (5! - 6)) - (7!/8 - 9) \\
 294982 &:= (1 + 2)! - (3!! \times 4 - (5^6 + 7 \times 8! - 9)) \\
 294983 &:= (1 + 2)! + (((3! \times 4^5 \times 6) + 7) \times 8) + 9) \\
 &= ((9 \times (8^{(7-6) \times 5})) + 4!) + ((3! \times 2) - 1) \\
 &= 9 \times 8 + (((7! - 6!)/5!) \times ((4^{3!} \times 2) - 1)) \\
 &= 9 - (8 - (((7! - 6!)/5!) \times ((4^{3!} \times 2) + 1))) \\
 &= ((9 + 8!) \times 7) + (((6 \times (5! + 4^{3!}))/2) - 1) \\
 &= ((9 \times (8^{(7-6) \times 5})) + 4) + (3!^2 - 1) \\
 &= ((9 + 8!) \times 7) + (((6 \times (5! + 4^{3!}))/2) + 1) \\
 &= ((9 \times (8^{(7-6) \times 5})) + 4) + 3!^2 + 1 \\
 &= (9 \times 8!/7! - 6) \times (5 + ((4! + 3!!) \times (2 + 1)!)) \\
 &= ((9 \times ((8^{(7-6) \times 5}) + 4)) + (3! + 2)) - 1 \\
 &= 9 + (((8^{(7-6) \times 5}) + 4) \times (3^2)) - 1 \\
 &= (9 + ((8! + 7!)/((6!/5!) - 4)) \times (3! \times 2 + 1) \\
 &= 9 + (((8^{(7-6) \times 5}) + 4) \times (3^2)) + 1) \\
 &= (9 \times ((8^{(7-6) \times 5}) + 4)) + ((3! \times 2) - 1) \\
 &= (((9 \times 8 \times 7) + (6! + 5)) \times 4!) \times (3^2 + 1) \\
 &= (9 \times ((8^{(7-6) \times 5}) + 4)) + (3! \times 2 + 1) \\
 &= (((((9 + 8) \times (7! - 6!)) + 5!) \times 4) + 3!!) + (2 \times 1) \\
 &= ((9 \times ((8 \times ((7 + 6) - 5)^4)) + 3!)) - 2) - 1 \\
 &= ((9 \times 8) + (7! + ((6! - 5) \times 4))) \times (3!^2 + 1) \\
 &= 9 + (8 + (((7! - 6!)/5!) \times ((4^{3!} \times 2) + 1))) \\
 &= (9 \times (8! - (7 \times (((6! \times (5 + 4))/3!) - 2)))) \times 1 \\
 &= (9 \times (8! - (7! + 6))) - (((5 \times (4! + 3!))^2) - 1) \\
 &= 9 - (8!/7 + (((6! + 5!) \times ((4 - 3!)/2)) + 1)) \\
 &= (9 + 8 \times 7! \times 6) + (5! \times (((4! - 3)^2) + 1)) \\
 &= 9 - (8!/7 + (((6! + 5!) \times ((4 - 3!)/2)) - 1)) \\
 &= ((9 \times (8^{(7-6) \times 5})) + 4!) + (3!^2 - 1) \\
 &= ((9 + 8! - 7) \times 6) + (5! \times (((4! - 3)^2) + 1)) \\
 &= ((9 \times (8^{(7-6) \times 5})) + 4!) + 3!^2 + 1 \\
 &= ((9 \times (8^{(7-6) \times 5})) + 4^3) - 2 \times 1 \\
 &= (9 \times ((8 + 7) + ((6!/5!)^4))) \times ((3! - 2)! + 1) \\
 &= (9 + ((8! - 7!) \times 6)) + (((5! - 4) \times (3! - 2)) - 1) \\
 &= (9 + ((8! - 7!) \times 6)) + ((5! - 4) \times (3!! - (2 \times 1))) \\
 &= (9 + ((8! - 7!) \times 6)) + (((5! - 4) \times (3! - 2)) + 1) \\
 &= ((9 \times (8^{(7-6) \times 5})) + 4^3) + (2 + 1) \\
 &= 9 + (((8! \times 7)/6!) + 5) \times (4! + (3!! - (2 - 1))) \\
 &= (9 \times (8! - 7!)) - ((6 + 5) \times (4^{3!}/2 + 1)) \\
 &= ((9 \times (8^{(7-6) \times 5})) + 4^3) + (2 + 1)! \\
 &= (9 \times ((8^{(7-6) \times 5}) + 4)) + (3!^2 - 1)
 \end{aligned}$$

$$\begin{aligned}
 294984 &:= (((1 \times 2 - 3!) \times 4) + (5^6 + 7 \times 8!)) - 9 &= (9 + 8! \times 7) - (6! - (((5! - (4!/3!))^2) - 1)) \\
 294985 &:= ((1 + ((2 - 3!) \times 4)) + (5^6 + 7 \times 8!)) - 9 &= (((9 + 8! \times 7) - 6!) + ((5! - (4!/3!))^2)) \times 1 \\
 294986 &:= (1 \times 2 + (((3 \times 4)^5) + 6!)) + ((7! + 8) \times 9) &= 9 + (((8! \times 7) - 6!) + (((5! - (4!/3!))^2) + 1)) \\
 294987 &:= ((1 - ((2 + 3!) \times 4)) + (5^6 + 7 \times 8!)) + 9 &= (9 + (8 \times (7! + ((6! + 5) \times (4 + 3!)))) \times (2 + 1) \\
 294988 &:= 12 - (3! \times 4 - (5^6 + 7 \times 8! - 9)) &= ((9 + 8) \times ((76 - 5) + 4! \times 3!)) + 21 \\
 294989 &:= ((1 - (2 + 3!)) \times ((4 \times (5 + 6!)) - 7!)) + (8! + 9) &= 9 + 8! + ((7! - ((6! + 5) \times 4)) \times (((3 + 2)! - 1)) \\
 294990 &:= ((1 + 2)! + (((3 \times 4)^5) + 6!)) + ((7! + 8) \times 9) &= ((9 \times 8) + 7) + ((6!/5 \times (4^3!/2)) - 1) \\
 294991 &:= (((((1 + 2) + (3! \times 4^5)) \times 6) - 7) \times 8) - 9 &= 9 \times 8 + (7 + (6!/5 \times (4^3!/2 \times 1))) \\
 294992 &:= 1 \times 2 \times (3! - (4 \times ((5 \times (6! + 7)) - 8! - 9))) &= 9 \times 8 + (7 + ((6!/5 \times (4^3!/2)) + 1)) \\
 294993 &:= (1 + 2)!! - (3^4 \times (5! + (6! + (7 - 8!/9)))) &= 9 - (((8!/(7!/6)) - 5!) \times (4^3! + (2 - 1))) \\
 294994 &:= 1 + (((2^{3!+4+5}) - (6 - (7 + 8))) \times 9) &= ((98 + 7!/6) \times 5) + (4!^3 \times 21) \\
 294995 &:= (((1 + 2)! \times (3! + 4)) - 5) \times (6 \times 7 + (8 - 9)) &= (9 - 8) \times (((7 \times 6! - 5!)/4!) \times (3! \times 2 - 1)) \\
 294996 &:= 1 \times ((2 - (3! \times 4)) + (5^6 + (7 \times 8! + 9))) &= 9 - (8 - (((7 \times 6! - 5!)/4!) \times (3! \times 2 - 1))) \\
 294997 &:= 1 + ((2 - (3! \times 4)) + (5^6 + (7 \times 8! + 9))) &= (9 \times ((8^{(7-6) \times 5} - 4)) + (((3 + 2)! + 1) \\
 294998 &:= (1 - 2 \times 3!) \times (4 \times 5 + (6 \times (7 - 8!/9))) &= ((9 \times (8^{(7-6) \times 5})) + (43 \times 2)) \times 1 \\
 294999 &:= (((1 + 2) \times (((3 + 4)! + 5)) + 6^7) - 8 \times 9 &= (9 \times ((8^{(7-6) \times 5} + (4 + 3!))) - (2 + 1) \\
 295000 &:= (1 - (2 \times (3! + 4!))) \times (5! - ((6! + (7! + 8!)/9)) &= (9 \times ((8^{(7-6) \times 5} + (4 + 3!))) - 2 \times 1
 \end{aligned}$$

2.1.16 Numbers From 295001 to 296000

$$\begin{aligned}
 295001 &:= (((1 + 2)!^{3+4}) + 5^6) - (7! - 8!/9) &= ((9 + 8) \times 7) \times (((6! \times (5! + 4))/(3!^2)) - 1) \\
 295002 &:= (((1 \times 2 - 3!) \times 4) + (5^6 + 7 \times 8!)) + 9 &= ((9 + (8 + 7)) - 6) \times (5 + (4^{3!+2-1})) \\
 295003 &:= ((1 + ((2 - 3!) \times 4)) + (5^6 + 7 \times 8!)) + 9 &= (9 \times (8! - 7!)) - ((6 + 5) \times (4^3!/2 - 1)) \\
 295004 &:= (-1 + ((2 + ((3!/4) + 5 \times 6!)) \times 78)) + 9 &= (9 \times (8^{(7-6) \times 5})) + (4 \times ((3! - 2)! - 1)) \\
 295005 &:= 1 \times (((2 + ((3!/4) + 5 \times 6!)) \times 78) + 9) &= (9 - ((8 - 7 + 6) \times 5!)) \times (4 - (3!/2 - 1)) \\
 295006 &:= 1 \times (2 \times (((3 \times 4^5 \times 6) + 7) \times 8) - 9) &= (9 \times ((8! + 7) - 6^5)) + (4^3!/2 - 1) \\
 295007 &:= 1 + (2 \times (((3 \times 4^5 \times 6) + 7) \times 8) - 9) &= (9 \times (8! - 7!)) - ((6 \times (((5^4) \times 3!) + 2)) + 1) \\
 295008 &:= 1 \times ((2 + (3! \times 4^5)) \times (6 \times (7 - 8 + 9))) &= (9 \times ((8! + 7) - 6^5)) + (4^3!/2 + 1) \\
 295009 &:= (1 - 2 \times 3!) \times (4! - (5 - (6 \times (7 - 8!/9)))) &= (9 \times (8! - 7!)) - ((6 \times (((5^4) \times 3!) + 2)) - 1) \\
 295010 &:= -1 - (((2 - 3!) \times 4!) - (5^6 - 78)) \times 9 &= (98 + ((7 + 65) \times 4^3!)) \times (2 - 1) \\
 295011 &:= 1 \times (((2 \times 3!^4) - (5 - (6 \times (7! - 8)))) \times 9) &= (9 + ((8! + 7) \times 6)) + (5! \times (((4! - 3!)^2) + 1)) \\
 295012 &:= 1 + (((2 \times 3!^4) - (5 - (6 \times (7! - 8)))) \times 9) &= (9 \times (8^{(7-6) \times 5})) + ((4 + 3!)^2 \times 1) \\
 295013 &:= (1 - (2 \times (3! + ((4! + 5) \times (6 - 7!)))) + 8!/9 &= (9 \times (8! - 7!)) - (6 + (((5 \times (4! + 3!))^2) + 1)) \\
 295014 &:= (((1 + 2) \times (((3! + 4)^5) - 6)) - 7!) + 8 \times 9 &= ((9 + 8 \times 7!) \times 6) + (5! \times (((4! - 3!)^2) + 1)) \\
 295015 &:= 1 \times ((2 \times (((3 \times 4^5 \times 6) + 7) \times 8)) - 9) &= (9 \times (8! - 7!)) - ((6 + ((5 \times (4! + 3!))^2)) - 1) \\
 295016 &:= (1 + (2 \times (((3 \times 4^5 \times 6) + 7) \times 8))) - 9 &= (9 \times 8 \times (7! - 6! + 5)) - (4^{3!+2-1}) \\
 295017 &:= (((1 + 2) \times 3! - (4! + 5)) \times 6) + (7 \times 8! - 9) &= (9 \times (8! - 7!)) - ((6 \times ((5^4) \times 3!)) + (2 + 1)) \\
 295018 &:= (((1 - (2 + 3!)) \times 4!) + 5^6) + (7 \times 8! + 9) &= (9 \times (8! - 7!)) - ((6 \times ((5^4) \times 3!)) + 2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 295019 &:= 1 + ((2 + (3!! \times 4! + (5 + 67))) \times (8 + 9)) &= (9 \times ((8! + (7! + (6! \times 5!))) / 4)) - (3!! \times 2 + 1) \\
 295020 &:= ((1 + 2)!)! + (3!! / 4 \times (5 \times ((6 \times 7 \times 8) - 9))) &= 9 \times 8 + (((7! - 6!) / 5!) \times ((4^{3!} \times 2) + 1)) \\
 295021 &:= 1 + (2 \times ((3! + (4^{56 \times 7! / 8!})) \times 9)) &= (9 \times ((8! + (7! + (6! \times 5!))) / 4)) - (3!! \times 2 - 1) \\
 295022 &:= ((1 \times 2 - 3!!) \times (4 - 5!)) - (6 \times (7! - 8! - 9)) &= ((9 + 8!) \times 7) + ((6! + (5! \times ((4 + 3!)^2))) - 1) \\
 295023 &:= ((1 + (2 \times ((3 \times 4^5 \times 6) + 7))) \times 8) - 9 &= ((9 + 8! - 7!) \times 6) + (((5! - 4) \times (3!! - 2)) + 1) \\
 295024 &:= (((1 + 2) \times (((3 + 4)!) - 5)) + 6^7) - (8 + 9) &= ((9 + 8!) \times 7) + (6! + ((5! \times ((4 + 3!)^2)) + 1)) \\
 295025 &:= ((1 + 2) \times ((3 + 4)!)! - (5! - (6^7 + 89))) &= (9 \times (8! - 7!)) + (6 - (((5 \times (4! + 3!))^2) + 1)) \\
 295026 &:= (((1 + 2) \times (3! + 4)^5) - 6) - (7! - 8 \times 9) &= (((9 \times (8! - 7!)) + 6) - ((5 \times (4! + 3!))^2)) \times 1 \\
 295027 &:= ((-1 + ((2 + 3!) \times (4! \times 5!))) \times (6 + 7)) - 8! / 9 &= (9 \times (8! - 7!)) + (6 - (((5 \times (4! + 3!))^2) - 1)) \\
 295028 &:= (-12 + 3!! \times 4!) - ((5 - 67) \times (8! / 9)) &= 9 + (((8! \times 7) - 6!) + (((5! / 4)^3) / 2)) - 1 \\
 295029 &:= (1 + 2 \times 3! \times 4) \times ((5 + 6! - (7 \times 8)) \times 9) &= ((9 + 8! \times 7) - 6!) + (((5! / 4)^3) / 2 \times 1) \\
 295030 &:= 1 + (((((2 - 3!!) \times (4 + 5)) / 6) \times 7) + 8!) \times 9 &= 9 + (((8! \times 7) - 6!) + (((5! / 4)^3) / 2) + 1)) \\
 295031 &:= (((((1 + 2) + 3!!) \times (45 + 6)) + 7) \times 8) - 9 &= (9 \times (8! - 7!)) - ((6 \times ((5^4) \times 3!) - 2)) + 1) \\
 295032 &:= ((1 + (2 \times 3!^4)) - 5) \times (6 \times 7 + 8 \times 9) &= 9 + 8! - (((7 - 6! + 5) / 4) \times (3!! \times 2 - 1)) \\
 295033 &:= 1 \times (((2 \times 3!! - 4^5) \times 6!) - (7 + 8! / 9)) &= (9 \times (8! - 7!)) - ((6 \times ((5^4) \times 3!) - 2)) - 1) \\
 295034 &:= (1 + (2 \times ((3 \times 4^5 \times 6) + 7) \times 8)) + 9 &= ((9 + 8) \times (((7 \times (6 + 5)) + 4! \times 3!!) - 2)) - 1) \\
 295035 &:= (1 + 2 \times 3!) \times (((4! \times 5! - (6 \times 7)) \times 8) - 9) &= ((9 + 8) \times (((7 \times (6 + 5)) + 4! \times 3!!) - 2)) \times 1 \\
 295036 &:= (1 - 2 - 3^4) \times (((5! + 6) \times 7) - 8! / 9) &= ((9 + 8) \times (((7 \times (6 + 5)) + 4! \times 3!!) - 2)) + 1) \\
 295037 &:= 1 \times (2 - ((3 - (((4 \times 5!) - 6) \times 7)) \times 89)) &= 9 - (((8 \times 7) - (6! + 5)) \times ((4! - 3!)^2)) + 1) \\
 295038 &:= 1 \times 2 \times (((3 + 4 \times 5) \times (6! - 7)) - 8) \times 9 &= ((9 + 8!) \times 7) - (6! - (((5! - (4! / 3!))^2) - 1)) \\
 295039 &:= ((1 + 2)!)! + (((3!! \times (4 \times 5)) + 6^7) - (8 + 9)) &= 9 - (((8 \times 7) - (6! + 5)) \times ((4! - 3!)^2)) - 1) \\
 295040 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times 6!) + (7! - 8! / 9) &= ((9 + 8!) \times 7) - (6! - (((5! - (4! / 3!))^2) + 1)) \\
 295041 &:= ((1 + (2 \times ((3 \times 4^5 \times 6) + 7))) \times 8) + 9 &= (9 \times 8 \times (7! - 6!)) - (((5 \times 4)^3) \times 2) - 1) \\
 295042 &:= (((1 + (2 \times 3!^4)) \times (5! - 6)) - 7!) + 8! / 9 &= ((9 \times (8^{(7-6) \times 5})) + 4) + (3! \times 21) \\
 295043 &:= ((1 + 2) + 3!! \times 4!) + ((56 \times 7!) - 8! / 9) &= (9 + (8! + (7 \times (65 \times 4)))) \times (3! + (2 - 1)) \\
 295044 &:= ((1 + 2) \times ((3 + 4)!)! + ((5 + 6^7) - (8 + 9))) &= (9 \times (8 \times 7! - 6^5)) - ((4 - 3!!) \times (2 + 1)) \\
 295045 &:= ((1 - (2^{3!+4})) \times 5) + (67 \times (8! / 9)) &= (9 \times (8! - 7!)) + ((6! + 5) \times (4 - (3!^2 - 1))) \\
 295046 &:= 1 - (((2 + ((3 + 4)!) \times 5) - 6^7) - 8! + 9) &= (9 \times (8 + 7)) + ((6! / 5 \times (4^{3!} / 2)) - 1) \\
 295047 &:= 1 - ((2 + 3!! \times 4) - (5^6 + (7 \times (8! + 9)))) &= ((9 \times (8 \times 7 + (6! \times 5))) + (4^{3^2})) - 1) \\
 295048 &:= (1 - (((2^{3!}) - (4 \times 5!)) \times 6!) - 7) - 8! / 9 &= ((9 \times (8 \times 7 + (6! \times 5))) + (4^{3^2})) \times 1) \\
 295049 &:= (1 \times 2 + ((3! - 4!) \times (5 - 6!))) + (7 \times (8! - 9)) &= ((9 \times (8 \times 7 + (6! \times 5))) + (4^{3^2})) + 1) \\
 295050 &:= 1 \times ((2 - (3!! \times 4)) + (5^6 + (7 \times (8! + 9)))) &= 9 - 8 - (7 - (6! / 5 \times (4^{3!} / 2 + 1))) \\
 295051 &:= 1 + ((2 - (3!! \times 4)) + (5^6 + (7 \times (8! + 9)))) &= (((9 + 8) \times (76 + (5! \times (4! \times 3!)))) - 2) + 1) \\
 295052 &:= (((((1 + 2) \times ((3 + 4)!)! - 5) + 6^7) - 8) + 9) &= (9 \times (8^{(7-6) \times 5})) + (4 \times (3!^2 - 1)) \\
 295053 &:= ((1 + 2)! + ((3! - 4!) \times (5 - 6!))) + (7 \times (8! - 9)) &= 9 + (((8 + 7!) + (6^5 + 4)) \times ((3! - 2)! - 1)) \\
 295054 &:= (1 + 2)! - (3!! \times 4 - (5^6 + (7 \times (8! + 9)))) &= (9 \times (8^{(7-6) \times 5})) + ((4! \times 3!) - (2 \times 1)) \\
 295055 &:= 1 \times (((((2 + (3! \times 4^5)) \times 6) + 7) \times 8) - 9) &= (9 \times (8! - 7!)) - (((6! - (5! - 4!)) \times (3!^2)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 295056 &:= 1 + (((((2 + (3! \times 4^5)) \times 6) + 7) \times 8) - 9) &= ((9 + (8! + 7)) \times 6) + (5! \times (((4! - 3!)^2) + 1)) \\
 295057 &:= ((1 + ((2 - 3!) \times 4) + 5^6) + (7 \times (8! + 9)) &= (9 \times (8! - 7!)) - (((6! - (5! - 4!)) \times (3!^2)) - 1) \\
 295058 &:= (((1 + ((2 - ((3 + 4)!) \times 5)) + 6^7) + 8!) - 9 &= (9 \times (8^{(7-6) \times 5})) + ((4! \times 3!) + 2 \times 1) \\
 295059 &:= (12 + ((3! - 4!) \times (5 - 6!))) + (7 \times (8! - 9)) &= ((9 + 8! \times 7) + (6^5 + ((4 + 3)!)) - (2 + 1)! \\
 295060 &:= (((1 - 2 - ((3 + 4)!) \times 5) + 6^7) + 8!) + 9 &= (9 \times (8^{(7-6) \times 5})) + (4 \times (3!^2 + 1)) \\
 295061 &:= ((1 + 2) \times ((3 + 4)!) + (5 - (6^7 \times (8 - 9)))) &= (((9 + 8! \times 7) + (6^5)) - 4) + ((3! + (2 - 1)))! \\
 295062 &:= (((1 + 2) - ((3 + 4)!) \times 5) + 6^7) + (8! - 9) &= ((9 + 8! \times 7) + (6^5 + (((4 + 3)! - 2))) - 1 \\
 295063 &:= ((1 + (((2 + (3! \times 4^5)) \times 6) + 7)) \times 8) - 9 &= (9 - 8) \times (7 + (6!/5 \times (4^3!/2 + 1))) \\
 295064 &:= (1 - ((2 + 3!) \times 4) \times (5 - ((6! \times 7/8) - 9)) &= 9 + 8! - (((7 + (6! + 5)) \times ((4! - 3!)/2)) + 1) \\
 295065 &:= (1 \times 2 + 3^4) \times (5 \times (6! + ((7 - 8) \times 9))) &= 9 - (((8!/(7!/6)) - 5!) \times (4^3! + 2 \times 1)) \\
 295066 &:= 1 + (((2 + 3) \times (4 + 5^6)) - (7! + 8!)) \times 9 &= 9 - (((8!/(7!/6)) - 5!) \times (4^3! + 2)) - 1) \\
 295067 &:= 1 \times (((2 - ((3 + 4)!) \times 5) + 6^7) + 8! + 9) &= 9 \times 8 + (((7 \times 6! - 5!)/4!) \times (3!! \times 2 - 1)) \\
 295068 &:= ((1 + 2)!! - 3!) + (((4 \times 5!) - 6) \times (7!/8 - 9)) &= (9 + (8! \times 7 + 6!)) + (((5! - (4 + 3!))^2) - 1) \\
 295069 &:= 1 + (2 \times (3! + (4! \times ((5 + 678) \times 9)))) &= (9 + (8! \times 7 + 6!)) + ((5! - (4 + 3!))^2 \times 1) \\
 295070 &:= 1 - ((2 - 3!) - ((4! \times (5^6 - 7!)) + 8! - 9)) &= (9 + 8! \times 7) + (6! + (((5! - (4 + 3!))^2) + 1)) \\
 295071 &:= (1 + 2)!! - (3 - (((4 \times 5!) - 6) \times (7!/8 - 9))) &= ((9 + 8) \times ((7 \times (6 + 5)) + 4! \times 3!)) + (2 \times 1) \\
 295072 &:= 1 - ((2 \times ((3! + 4!) \times (5! - ((6 + 7!) - 8)))) + 9 &= (9 \times ((8^{(7-6) \times 5}) + (4! - 3!))) - 2 \times 1 \\
 295073 &:= 1 \times ((2 + 3!) + ((4! \times (5^6 - 7!)) + 8! - 9)) &= (9 \times (8! - ((7! \times 6 - 5!)/4))) - (3!^2 + 1) \\
 295074 &:= 1 + ((2 + 3!) + ((4! \times (5^6 - 7!)) + 8! - 9)) &= (((9 + 8!/7!) \times ((6! + 5) \times 4!)) - 3!!) - (2 + 1)! \\
 295075 &:= 1 \times (((2 - ((3 + 4)!) \times 5) + 6^7) + 8! + 9) &= (9 \times (8! - ((7! \times 6 - 5!)/4))) - (3!^2 - 1) \\
 295076 &:= (1 \times 2 + (3^4 \times ((5 \times (6! + 7)) + 8))) - 9 &= (9 \times ((8^{(7-6) \times 5}) + (4! - 3!))) + (2 \times 1) \\
 295077 &:= ((1 + 2) + 3!!) + (((4 \times 5!) - 6) \times (7!/8 - 9)) &= ((9 + 8!) \times 7) + ((6 + ((5! - (4 + 3!))^2)) - 1) \\
 295078 &:= (((1 + 2) \times ((3 + 4)!) + 5) + (6^7 + 8)) + 9 &= (((9 + 8!/7!) \times ((6! + 5) \times 4!)) - 3!!) - 2 \times 1 \\
 295079 &:= -1 \times (((2 - ((3! - 4!) \times (5! - 67))) \times 8) + 9) &= (((9 + 8!/7!) \times 6!) - 5) \times 4! + 3!! \times 2 - 1 \\
 295080 &:= ((1 + 2)! + 3!!) + (((4 \times 5!) - 6) \times (7!/8 - 9)) &= ((9 \times (8! - 7!)) + 6!) - (5! \times ((4! \times (3! + 2)) + 1)) \\
 295081 &:= ((1 + (((2 + (3! \times 4^5)) \times 6) + 7)) \times 8) + 9 &= (((9 + 8!/7!) \times 6!) - 5) \times 4! + (3!! \times 2 + 1) \\
 295082 &:= 1 + 2 \times 3!! + (((4! \times 5! \times 6) - 7) \times (8 + 9)) &= ((9 + 8!) \times 7) - (6! - (((5!/4)^3)/2) - 1)) \\
 295083 &:= ((1 + 2)^{3!}) + (((4 \times 5!) - 6) \times (7!/8 - 9)) &= (((9 + 8!/7!) \times ((6! + 5) \times 4!)) - (3!! - 2)) + 1 \\
 295084 &:= (-1 \times ((2 + 3)! - 4) - (5 \times (6! \times (7 - 89)))) &= ((9 + 8!) \times 7) - (6! - (((5!/4)^3)/2) + 1)) \\
 295085 &:= (((1 + 2)^{3!+4}) \times 5) - 6! + 7! - 8!/9 &= 9 - (8 + 7! - ((6! + (5! - 4)) \times (3!!/2 - 1))) \\
 295086 &:= (1 + 2)!! - (3 - ((4! \times (5^6 - 7!)) + 8! + 9)) &= (((9 + ((8 + 7) \times 6!) + 5!)) \times (4! + 3)) + 2 + 1 \\
 295087 &:= ((1 + 2) \times ((3 + 4)!) + ((5! + 6^7) - 89)) &= (9 \times (8! - ((7! \times 6 - 5!)/4))) - ((3! - 2)! - 1) \\
 295088 &:= 1 - ((2 - 3!) - ((4! \times (5^6 - 7!)) + 8! + 9)) &= 9 - (((8 - (7! + (6 - 5!))) \times ((4! + 3!) \times 2)) + 1) \\
 295089 &:= (((1 + 2) \times 3!! - (4! + 5)) \times 6) + (7 \times (8! + 9)) &= (((9 \times (8 + 7!)) + (6 \times (5^4))) \times 3!) - 2 - 1 \\
 295090 &:= 1 - ((2 \times ((3! + 4!) \times (5! - ((6 + 7!) - 8)))) - 9 &= (((9 \times (8 + 7!)) + (6 \times (5^4))) \times 3!) - 2 \times 1 \\
 295091 &:= 1 - (2 - ((3^4 \times ((5 \times (6! + 7)) + 8)) + 9)) &= (((9 \times (8 + 7!)) + (6 \times (5^4))) \times 3!) - 2 + 1 \\
 295092 &:= 1 + ((2 + 3!) + ((4! \times (5^6 - 7!)) + 8! + 9)) &= (((9 \times (8 + 7!)) + (6 \times (5^4))) \times 3) \times 2 \times 1 \\
 295093 &:= (1 + ((2 - (3!!/4) \times (5! + 6))) - ((7! - 8!) \times 9) &= (9 \times ((8 + 7!) \times 6)) + (((5 \times (4! + 3!))^2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 295094 &:= (1 \times 2 + (3^4 \times ((5 \times (6! + 7)) + 8))) + 9 &= (((9 \times (8 + 7!)) + (6 \times (5^4))) \times 3!) + (2 \times 1) \\
 295095 &:= (1 + 2) + ((3^4 \times ((5 \times (6! + 7)) + 8)) + 9) &= (((9 + 8!) \times 7) + (6^5)) - 4! + ((3! + (2 - 1)))! \\
 295096 &:= (((1 + 2) \times 3!! - 4!) \times 5) + 6^7 + 8!/9 &= (9 \times ((8^{(7-6) \times 5} + 4!)) - 32) \times 1 \\
 295097 &:= 1 + ((2 + 3!) \times ((45 \times 6!) + (7 + 8!/9))) &= (9 \times (8! - ((7! \times 6 - 5!)/4))) - (3! \times 2 + 1) \\
 295098 &:= ((1 + (2 \times 3!^4)) \times (5! - 6)) - (7 \times 8 \times 9) &= (9 - ((8 - (7! + (6 - 5!))) \times (4! + 3!))) \times 2 \times 1 \\
 295099 &:= 1 + (((2 + 3!!) - 4) \times ((5 \times (6 + 78)) - 9)) &= 9 - (8 + (((7 \times (6 - 5!)) - 4!) \times (3!!/2 - 1))) \\
 295100 &:= ((1 + 2 \times 3!) \times 4) \times (5 + ((6! \times 7/8) \times 9)) &= (9 \times (8! - ((7! \times 6 - 5!)/4))) - (3^2 + 1) \\
 295101 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times 6!) + (7!/8 - 9) &= (9 + 8 - 7!) + ((6! + (5! - 4)) \times (3!!/2 - 1)) \\
 295102 &:= -1 \times (2 - ((3!! - 4!) \times ((5 \times 67) + 89))) &= ((9 \times (8! - ((7! \times 6 - 5!)/4))) - 3!) - 2 \times 1 \\
 295103 &:= (1 \times 2 + ((3! - 4!) \times (5 - 6!))) + (7 \times 8! - 9) &= (9 \times ((8^{(7-6) \times 5} + 4!)) - ((3! - 2)! + 1) \\
 295104 &:= (1 - (2 \times (3 + 4!))) \times (5! - (6! + (7! - 8 \times 9))) &= ((9 \times (8! - ((7! \times 6 - 5!)/4))) - (3 + 2)) - 1 \\
 295105 &:= (1 - ((2 + 3!) - 4!)) - (5 \times (6! \times (7 - 89))) &= ((9 \times (8! - ((7! \times 6 - 5!)/4))) - (3! - 2)) - 1 \\
 295106 &:= (((1 + 2)^{3!+4}) \times 5) - 67 - 8 \times 9 &= ((9 \times (8! - ((7! \times 6 - 5!)/4))) - (3! - 2)) \times 1 \\
 295107 &:= ((1 + 2)! + ((3! - 4!) \times (5 - 6!))) + (7 \times 8! - 9) &= ((9 \times (8! - ((7! \times 6 - 5!)/4))) - (3! - 2)) + 1 \\
 295108 &:= (((1 + 2) \times 3!^4) - 5) \times (6 + (7!/(8 \times 9))) &= ((9 \times (8! - ((7! \times 6 - 5!)/4))) - (3 - 2)) - 1 \\
 295109 &:= ((1 + 2)!)! + ((3!! \times 4! - (5 - (6 \times 7))) \times (8 + 9)) &= ((9 \times (8! - ((7! \times 6 - 5!)/4))) - 3) + (2 \times 1) \\
 295110 &:= ((1 - 2) + (3 \times ((4 + 5) + 6!))) \times ((7 + 8) \times 9) &= ((9 \times (8! - ((7! \times 6 - 5!)/4))) + (3 - 2)) - 1 \\
 295111 &:= (1 + (2 \times ((3^4 + 5!) \times 6!))) + ((7!/8) \times 9) &= ((9 \times (8! - ((7! \times 6 - 5!)/(4!/3!)))) + 2) - 1 \\
 295112 &:= (((1 + 2) + 3!!) \times 4!) + (56 \times 7!) - 8!/9 &= ((9 \times (8! - ((7! \times 6 - 5!)/(4!/3!)))) + 2) \times 1 \\
 295113 &:= ((1 + 2 \times 3!)^4) - (5^6 - (7 \times (8! - 9))) &= ((9 \times (8! - ((7! \times 6 - 5!)/(4!/3!)))) + 2) + 1 \\
 295114 &:= ((1 - (2 \times (3! + 4!))) \times (5! - 6 - 7!)) + 8!/9 &= ((9 \times (8! - ((7! \times 6 - 5!)/4))) + (3! - 2)) \times 1 \\
 295115 &:= 1 \times (2 + (((3!! - 4!) \times ((5! - 67) \times 8)) + 9)) &= (9 \times (8! - 7!)) + (6! - ((5^4) \times (3!^2 + 1))) \\
 295116 &:= (((1 + 2)^{3!+4}) \times 5) - (((6 + 7) - 8)! + 9) &= (((9 + 8!) \times 7) + (6^5 + (((4 + 3)! - 2))) - 1 \\
 295117 &:= (1 - ((2 - ((3^{4+5}) - 6)) \times (7 + 8))) - 9 &= (9 + 8! \times 7) + (((6! - 5) \times (4! - 3!)) - (2 \times 1)) \\
 295118 &:= 1 + (2 - (((3 + 4)!) + (5 - (67 \times (8!/9)))) &= ((9 \times (8! - ((7! \times 6 - 5!)/4))) + 3!) + (2 \times 1) \\
 295119 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times 6!) + (7!/8 + 9) &= (((9 + 8) \times ((7!/6 \times (5! + 4))/3!)) - 2) + 1 \\
 295120 &:= ((1 \times 2^{3 \times 4}) + 5!) \times ((6! \times 7)/(8 \times 9)) &= (9 \times (8! - ((7! \times 6 - 5!)/4))) + 3^2 + 1 \\
 295121 &:= (1 + (((2 + 3!)! + (4 \times 5! + 6!)) \times 7)) + 8!/9 &= (9 \times (8! - ((7! \times 6 - 5!)/4))) + ((3! \times 2) - 1) \\
 295122 &:= 1 \times 2 + ((3! + (4! - 5 + 6)) \times (7! + 8!/9)) &= (((9 + 8!) \times 7) + 6!) + (((5! - (4 + 3!))^2) - 1) \\
 295123 &:= (1 + 2) + ((3! + (4! - 5 + 6)) \times (7! + 8!/9)) &= (9 \times (8! - ((7! \times 6 - 5!)/4))) + (3! \times 2 + 1) \\
 295124 &:= ((1 - 23) \times (4^5 - 6)) - ((7! - 8!) \times 9) &= ((9 + 8!) \times 7) + (6! + (((5! - (4 + 3!))^2) + 1)) \\
 295125 &:= ((1 + 2)! + ((3! - 4!) \times (5 - 6!))) + (7 \times 8! + 9) &= ((9 \times ((8^{(7-6) \times 5} + 4!)) - (3! - 2)) + 1 \\
 295126 &:= 1 \times (2 \times (3!! - ((4 \times (5 \times 6! + 7 - 8!)) + 9))) &= (9 \times ((8^{(7-6) \times 5} + 4!)) - (3!/(2 + 1))) \\
 295127 &:= ((1 + ((2 + 3!)! + (4 \times 5! + 6!))) \times 7) + 8!/9 &= 9 - ((8 - (7! - 6 \times 5)) \times (((4! + 3!) \times 2) - 1)) \\
 295128 &:= 1 \times 2 \times (3!! - (4 \times (5 \times 6! - 7! \times 8 + 9))) &= ((9 \times ((8^{(7-6) \times 5} + 4!)) + (3 - 2)) - 1 \\
 295129 &:= (1 + ((2 + 3!) \times (4! \times 5!))) + ((6 \times 7! - 8) \times 9) &= 9 + ((8 \times 7 + 6) \times (((5 + 4^3)^2) - 1)) \\
 295130 &:= 1 \times 2 + ((3 + (4^{5-6+7})) \times 8 \times 9) &= ((9 \times ((8^{(7-6) \times 5} + 4!)) + (3 - 2)) + 1 \\
 295131 &:= ((1 + 2) \times (((3!! - 4) \times 5) + 6!)) + (7 \times 8! - 9) &= ((9 \times ((8^{(7-6) \times 5} + 4!)) + (3! - 2)) - 1 \\
 295132 &:= (1 - (2 \times (3 - ((4 + 5) \times 6!)))) + (7 \times (8! - 9)) &= ((9 \times ((8^{(7-6) \times 5} + 4!)) + (3! - 2)) \times 1
 \end{aligned}$$

$$\begin{aligned}
 295133 &:= ((1+2) \times ((3+4)!) + (5 + (6^7 + 8 \times 9))) &= (9 \times (8! - ((7! \times 6 - 5!)/4))) + ((3! - 2)! - 1) \\
 295134 &:= (1+2)! + ((3 + (4^{5-6+7})) \times 8 \times 9) &= (9 \times (8! - 7!)) - (6 \times ((5 \times (4! + 3!) + 2)) + 1) \\
 295135 &:= 1 \times ((2 \times (3!! - (4 \times (5 \times 6! + 7 - 8!)))) - 9) &= (9 \times (8! - ((7! \times 6 - 5!)/4))) + ((3! - 2)! + 1) \\
 295136 &:= (1 + (2 \times (3!! - (4 \times (5 \times 6! + 7 - 8!)))) - 9 &= ((9 \times ((8^{(7-6) \times 5}) + 4!)) + (3! + 2)) \times 1 \\
 295137 &:= ((1+2)!! - ((3 \times (4! - (5! \times 6!)) + 7!)) + (8! + 9) &= ((9 \times ((8^{(7-6) \times 5}) + 4!)) + (3! + 2)) + 1 \\
 295138 &:= (1 - 2 \times 3!!) - ((4! \times (5! - 6!)) - (7 \times (8! - 9))) &= 9 + (((8^{(7-6) \times 5}) + 4!) \times (3^2)) + 1 \\
 295139 &:= (1 \times 2 - 3!!) + (((4! - 5) \times 6!) + (7 \times (8! - 9))) &= (9 \times (8! - 7!) - 6!) - (((5!/4) \times (3!! + 2)) + 1) \\
 295140 &:= 1 \times ((2 - 3!) \times (((4 - 5!) \times (6 + 7!/8)) - 9)) &= (9 \times (8! - 7!) - 6!) - ((5!/4) \times (3!! + 2 \times 1)) \\
 295141 &:= 1 + ((2 - 3!) \times (((4 - 5!) \times (6 + 7!/8)) - 9)) &= (9 \times (8! - 7!) - 6!) - (((5!/4) \times (3!! + 2)) - 1) \\
 295142 &:= 1 + (2 + ((3^{4+5}) + (6^7 - 8!/9))) &= ((9 \times (8! - ((7! \times 6 - 5!)/4))) + 32) \times 1 \\
 295143 &:= (1+2)!! - (3 \times (4 - (((5! \times (6! + 7))/8) \times 9))) &= (((9 + 8!) \times 7) + 6!) + (5! \times (((4 + 3!)^2) + 1)) \\
 295144 &:= 1 \times (((2 + 3!! + 4!) \times 5) + 6) \times (7 + 8 \times 9) &= ((9 \times 8) + 7) \times (6 + (5 \times (4! + (3!! + 2 \times 1)))) \\
 295145 &:= 1 + (((2 + 3!! + 4!) \times 5) + 6) \times (7 + 8 \times 9) &= (9 \times (8! - ((7! \times 6 - 5!)/4))) + (3!^2 - 1) \\
 295146 &:= ((1 - ((2 + 3!! + 4!) \times 5)) \times 6) - ((7! - 8!) \times 9) &= (9 \times (8 + (((7 + 6!) - 5!) \times (4! + 3)))) \times 2 \times 1 \\
 295147 &:= (1 + ((2 + 3!) \times (4! \times 5!))) + (6 \times (7! + 8! - 9)) &= (9 \times (8! - ((7! \times 6 - 5!)/4))) + 3!^2 + 1 \\
 295148 &:= ((1 + (2 \times 3!^4)) \times 5) + (6 + (7 \times (8! - 9))) &= ((9 \times (8^{(7-6) \times 5}) - 4) + (3!!/(2 + 1))) \\
 295149 &:= (((1 + 2) \times (3!! - 4)) + 5) \times 6 + (7 \times 8! - 9) &= (9 + (((8 + 7!/6) \times (5! - 4)) + 3!)) \times (2 + 1) \\
 295150 &:= (1 + (2 \times (3! + ((4 + 5) \times 6!)))) + (7 \times (8! - 9)) &= (9 + 8 - 7) \times (6! + (5 \times ((4 \times 3!! \times 2) - 1))) \\
 295151 &:= (12 + ((3^{4+5}) + 6^7)) - 8!/9 &= (9 \times ((8^{(7-6) \times 5}) + 4!)) + ((3! - 2)! - 1) \\
 295152 &:= ((1+2) - 3^4) \times (5 - (((6 \times 7!)/8) + 9)) &= (9 \times (8 + (7! \times 6))) + (5! \times ((4! \times (3! + 2)) - 1)) \\
 295153 &:= 1 \times ((2 \times (3!! - (4 \times (5 \times 6! + 7 - 8!)))) + 9) &= 9 + (((8! - (7 + (6! \times 5))) \times 4) + 3!!) \times 2 \times 1 \\
 295154 &:= (1 - (((2 - 3!!) \times (4! - 5)) + 6!)) + (7 \times 8! - 9) &= 9 + (((8! - (7 + (6! \times 5))) \times 4) + 3!!) \times 2 + 1) \\
 295155 &:= (1+2)!! - (3^4 \times (5 \times ((6! + 7) \times (8 - 9)))) &= (9 \times ((8! + 7) - (6^5 - 4))) + (3 \times (2 + 1)!!) \\
 295156 &:= (((1+2)!! + (3^4 \times (5 \times (6! + 7)))) - 8) + 9 &= ((9 \times 8) - 7!) + ((6! + (5! - 4)) \times (3!!/2 - 1)) \\
 295157 &:= (((1+2)^{3!+4}) \times 5) - (6 - 7) - 89 &= ((9 \times ((8^{(7-6) \times 5}) + 4! + 3))) + 2 \times 1 \\
 295158 &:= (1+2)! \times (3!! + (((4^5 - (6 - 7!)) \times 8) + 9)) &= ((9 \times ((8^{(7-6) \times 5}) + 4! + 3))) + 2 + 1 \\
 295159 &:= (1 - (2 \times (3!! + 4! \times 5!))) \times (6 - ((7 \times 8) - 9)) &= (((9 + 8) + 7!) + (6^5)) \times (4! - ((3 - 2 - 1)!!) \\
 295160 &:= 1 \times (((2^3! \times 4) + 5!) \times (6! - (7 - 8 \times 9))) &= ((9 + 8 \times 7) + 6!) \times (5! + (4^{3+2-1})) \\
 295161 &:= 1 + (((2^3! \times 4) + 5!) \times (6! - (7 - 8 \times 9))) &= ((9 + 8!) \times 7) - (6 \times (5 + ((4 - 3!!) \times (2 + 1)))) \\
 295162 &:= 1 \times (2 \times (3!! - ((4 \times (5 \times 6! + 7 - 8!)) - 9))) &= (9 + (((8! - (7 + (6! \times 5))) \times 4) + 3!!)) \times 2 \times 1 \\
 295163 &:= 1 + (2 \times (3!! - ((4 \times (5 \times 6! + 7 - 8!)) - 9))) &= (9 - (8 \times (7 - ((6! + 5!) \times 4)))) \times ((3! \times 2) - 1) \\
 295164 &:= ((1+2)!)! + (((3 + 4!) \times ((5! \times (6! + 7))/8)) + 9) &= (9 \times 8 \times (7! - 6!)) - (((5 \times 4!) + 3!)^2 \times 1) \\
 295165 &:= (((1+2)^{3!+4}) \times 5) - ((6! + 7!)/(8 \times 9)) &= (9 \times 8 \times (7! - 6!)) - (((5 \times 4!) + 3!)^2 - 1) \\
 295166 &:= 1 \times (2 + (((3^{4+5}) - 6) \times (7 + 8)) + 9) &= (98 \times 7) + (6! \times ((5^4) - (3!^{2+1}))) \\
 295167 &:= ((1 + 2 \times 3!)^4) - (5^6 - (7 \times 8! - 9)) &= (9 \times (8^{(7-6) \times 5})) + ((4^{3!-2}) - 1) \\
 295168 &:= 1 \times 2 \times (((3! \times 4! + 5) \times 6!) - (7 - 8! + 9)) &= ((9 - 8) + ((7! + 6!)/5)) \times (4^{3+2-1}) \\
 295169 &:= (((1+2)^{3!+4}) \times 5) - 6 - (7!/(8 \times 9)) &= (9 \times (8^{(7-6) \times 5})) + ((4^{3!-2}) + 1) \\
 295170 &:= (1 - (2 \times (((3 + 4)!) - 5!))) \times (6 \times 7 - 8 \times 9) &= ((9 + 8! \times 7) - 6!) - (((5 - 4!) \times (3!! - 2)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 295171 &:= (((123 \times (4 + 5!)) + 6^7) - 8) - 9 &= (((9 + 8!) \times 7) + ((6! - 5) \times (4! - 3!))) - 2 \times 1 \\
 295172 &:= (1 - (((2 - 3!!) \times (4! - 5)) + 6!)) + (7 \times 8! + 9) &= (9 \times (8! - 7!)) - ((6! - (5! - 4)) \times (3!^2 + 1)) \\
 295173 &:= ((1 + 2)! \times (3! + (4! \times 5! - 6!))) + (7 \times (8! - 9)) &= (9 + 8! \times 7) - ((6 - ((5! \times 4!) - 3!)) \times (2 + 1)!) \\
 295174 &:= (((1 + 2)^{3!+4}) \times 5) - 6) - ((7 \times 8) + 9) &= (9 + 8! \times 7) - (((6!/5!) - 4!) \times (3!! - 2)) - 1 \\
 295175 &:= (((1 \times 2 + 3!!) \times (4! - 5)) - 6!) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + ((6! - 5) \times (4! - 3!))) + (2 \times 1) \\
 295176 &:= ((1 + ((2 + 3!!) \times (4! - 5))) - 6!) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + ((6! - 5) \times (4! - 3!))) + (2 + 1) \\
 295177 &:= 1 \times ((2 \times (((3! \times 4! + 5) \times 6!) - (7 - 8!))) - 9) &= ((9 + 8) \times ((7 + (6 \times 5!)) \times 4!)) - (3!! \times 2 - 1) \\
 295178 &:= 1 + ((2 \times (((3! \times 4! + 5) \times 6!) - (7 - 8!))) - 9) &= ((98 \times ((7! \times 6 - 5!)/(4 + 3!))) + 2) \times 1 \\
 295179 &:= ((1 + 2)!! - ((3 \times (4 - (5! \times 6!))) + 7!)) + (8! - 9) &= (((9 + 8) \times (7! - 6!)) - 5) \times 4 + 3!! \times 2 - 1 \\
 295180 &:= 1 - ((2 \times (3! - ((4 + 5) \times 6!))) - (7 \times 8! - 9)) &= (9 \times ((8^{(7-6) \times 5}) + (4! + 3!))) - 2 \times 1 \\
 295181 &:= (((1 + 2)^{3!+4}) \times 5) + 6) - (7!/(8 \times 9)) &= (((9 + 8) \times (7! - 6!)) - 5) \times 4 + (3!! \times 2 + 1) \\
 295182 &:= (1 + (2 \times (3! \times 4! + 5!))) \times ((6 + 7 \times 8) \times 9) &= (9 \times (8 \times 7 + 6)) \times (((5 \times 4) + 3)^2 \times 1) \\
 295183 &:= ((12 + (3^4 \times 5)) \times 6!) - (7! + 8 + 9) &= 98 + (7 \times (((6 + 5) + 4!)^3) - ((2 + 1)!)) \\
 295184 &:= 1 \times 2 \times (3!! - (4 \times (5 \times 6! - (7 + 8! - 9)))) &= (9 \times ((8^{(7-6) \times 5}) + (4! + 3!))) + (2 \times 1) \\
 295185 &:= ((1 + 2 \times 3!)^4) - (5^6 - (7 \times 8! + 9)) &= (9 \times ((8^{(7-6) \times 5}) + (4! + 3!))) + (2 + 1) \\
 295186 &:= (1 + (((2 \times 3!) \times 4^5) + 6!)) + (7 \times (8! - 9)) &= ((-9 + 8!) \times 7) + ((6 \times (5! + (4^3/2))) + 1) \\
 295187 &:= 1 - ((2 \times (3 + 4)) + (5 \times (6! \times (7 - 89)))) &= (9 \times (8! - 7!)) - ((6 \times ((5 \times (4! + 3!)) + 2)) + 1) \\
 295188 &:= (((1 + 2)^{3!+4}) \times 5) - ((6!/(7 + 8)) + 9) &= (9 \times (8! - 7!)) - (6 \times ((5 \times (4! + 3!)) + 2 \times 1)) \\
 295189 &:= (1 - ((2 + ((3!! + 4!) \times 5)) \times 6)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - ((6 \times ((5 \times (4! + 3!)) + 2)) - 1) \\
 295190 &:= 1 - (2 - ((3!! \times (4! - 5)) - (6! - (7 \times 8! - 9)))) &= (9 \times (8! - 7!)) - (6! + (((5! + (4! + 3!))^2) + 1)) \\
 295191 &:= ((1 + 2) \times ((3!! + 4) \times 5!)) - (6! + (7! - 8! + 9)) &= (9 \times (8! - 7!) - 6!) - ((5! + (4! + 3!))^2 \times 1) \\
 295192 &:= (1 + ((2 + 3!) \times (4! \times 5!))) + ((6 \times (7! + 8!)) - 9) &= (9 \times (8! - 7!)) - ((6! + ((5! + (4! + 3!))^2)) - 1) \\
 295193 &:= 1 \times ((2 + (3!! \times (4! - 5))) - (6! - (7 \times 8! - 9))) &= 9 - ((8 - (((7 \times 6! - 5!)/4!) \times 3!)) \times 2 \times 1) \\
 295194 &:= 1 + ((2 + (3!! \times (4! - 5))) - (6! - (7 \times 8! - 9))) &= 9 - (((8 - (((7 \times 6! - 5!)/4!) \times 3!)) \times 2) - 1) \\
 295195 &:= (((1 + 2)^{3!+4}) \times 5) - (67 - 8) + 9 &= (9 \times (8! - 7!)) - (6! + 5) - ((4! + 3!) \times (2 + 1)!) \\
 295196 &:= 1 \times 2 + (3! \times (((4^5 \times 6) + 7) \times 8) - 9)) &= (9 + 8! \times 7) + (((6! \times (5 + 4)) - 3!) \times 2) - 1) \\
 295197 &:= (1 + 2) + (3! \times (((4^5 \times 6) + 7) \times 8) - 9)) &= (((9 + 8) \times (7 + ((6! + 5) \times 4!))) - 3!) - 2 \times 1 \\
 295198 &:= (1 + (2 \times (3 + ((4 + 5) \times 6!)))) + (7 \times 8! - 9) &= (9 \times (8! - 7!)) - 6! - (((5!/4) \times 3!) + 2 \times 1) \\
 295199 &:= ((1 + ((2 - (3^4 \times 5)) \times 6!)) - 7!) \times (8 - 9) &= (9 \times (8! - 7!)) - (6! \times (5 + 4!)) - (3!! \times 2 + 1) \\
 295200 &:= (1 - (((2 - (3^4 \times 5)) \times 6!) - 7! - 8)) - 9 &= 9 - (8 - (((7!/6 - 5 \times 4) \times 3!!/2) - 1)) \\
 295201 &:= (1 - 2 \times 3!!) - (((4! + 5) \times 6!) + ((7! - 8!) \times 9)) &= (9 \times (8! - 7!)) - (6! \times (5 + 4!)) - (3!! \times 2 - 1) \\
 295202 &:= ((1 + (2 \times 3!^4)) \times 5) + ((6 + 7 \times 8!) - 9) &= 9 - (8 - (((7!/6 - 5 \times 4) \times 3!!/2) + 1)) \\
 295203 &:= ((1 + 2) + 3!!) + (4! \times (5! + ((6! + 7!/8) \times 9))) &= (9 \times (8! - 7!)) - 6! - (((5!/4) \times 3!) - 2 - 1) \\
 295204 &:= 1 \times 2 \times (((3! \times 4! + 5) \times 6!) - (7 - 8! - 9)) &= (9 + 8! - (7 - (6! \times (5 + 4! \times 3!)))) \times 2 \times 1 \\
 295205 &:= (1 \times 2 \times (((3! \times 4! + 5) \times 6!) + 7 + 8!)) - 9 &= (9 + 8! - 7!) + (((6 \times 5!) + 4) \times (3!!/2 - 1)) \\
 295206 &:= ((1 + 2)! + 3!!) + (4! \times (5! + ((6! + 7!/8) \times 9))) &= (9 + 8! \times 7 + 6) + ((5 + 4) \times (3!! \times 2 - 1)) \\
 295207 &:= (1 + 2)! - ((3 - 4) + (5 \times (6! \times (7 - 89)))) &= 9 + 8! - (((7! - 6!) \times (5 - 4^3)) + 2 \times 1) \\
 295208 &:= (1 - (2 \times (((3! + 4!) \times (5! - 6! \times 7)) - 8))) - 9 &= ((9 + 8! \times 7) + (6^5)) + (((4! \times 3!)^2) - 1) \\
 295209 &:= ((1 + 2)^3) + (4! \times (5! + ((6! + 7!/8) \times 9))) &= ((9 + 8! \times 7) - 6^5) + ((4! \times 3!)^2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 295210 &:= (1 + ((2 + 3!) \times (4! \times 5!))) + ((6 \times (7! + 8!)) + 9) &= ((9 + 8! \times 7) + (6^5)) + (((4! \times 3!)^2) + 1) \\
 295211 &:= 1 \times ((2 + (3!! \times (4! - 5))) - (6! - (7 \times 8! + 9))) &= (9 \times (8! - 7!)) - ((6 \times ((5 \times (4! + 3!!)) - 2)) + 1) \\
 295212 &:= 1 + ((2 + (3!! \times (4! - 5))) - (6! - (7 \times 8! + 9))) &= ((9 + ((8 + 7!/6) \times (5 + 4!))) \times 3!) \times 2 \times 1 \\
 295213 &:= (1 + ((2 - ((3!! + 4!) \times 5)) \times 6)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - ((6 \times ((5 \times (4! + 3!!)) - 2)) - 1) \\
 295214 &:= 1 + (((2 - 3) + (((4 \times 5!) - 6) \times 7)) \times 89) &= (9 + 8! \times 7 + 6) + (((5 + 4) \times 3!! \times 2) - 1) \\
 295215 &:= ((1 + 2)! - (3!! \times (4 - 5!))) - ((6 \times (7! - 8!)) - 9) &= 9 + 8! - (((7! - 6!) \times (5 - 4^3)) - (2 + 1)!) \\
 295216 &:= 1 \times 2 \times (3!! - (4 \times (5 \times 6! + (7 - 8! - 9)))) &= (((9 + 8! - (7 + (6! \times 5))) \times 4) + 3!!) \times 2 \times 1 \\
 295217 &:= ((12 + (3^4 \times 5)) \times 6!) - (7! - (8 + 9)) &= (9 + 8! \times 7) - (6! - (((5 \times 4!) - 3)^2 - 1)) \\
 295218 &:= (1 - (((2 - (3^4 \times 5)) \times 6!) - 7! - 8)) + 9 &= (9 + 8! \times 7) - (6! - (((5 \times 4!) - 3)^2 \times 1)) \\
 295219 &:= (12 + 3) + (4 - (5 \times (6! \times (7 - 89)))) &= (9 + 8! \times 7) - (6! - (((5 \times 4!) - 3)^2 + 1)) \\
 295220 &:= ((1 + (2 \times 3!^4)) \times 5) + (6 + (7 \times 8! + 9)) &= ((9 \times (((8 + 7) + 6!) \times 5)) + (4^3)) + 1 \\
 295221 &:= ((1 + 2)!! + ((3 \times (4 + (5! \times 6!))) - 7!)) + (8! + 9) &= (((9 + 8) \times (7! - 6!)) + 5) \times 4 + (3!! \times 2 + 1) \\
 295222 &:= (1 + (2 \times (3! + ((4 + 5) \times 6!)))) + (7 \times 8! + 9) &= (9 + ((8! + (7 + (6! \times (5 + 4! \times 3!)))) \times 2)) - 1 \\
 295223 &:= (1 \times 2 \times (((3! \times 4! + 5) \times 6!) + 7 + 8!)) + 9 &= (9 + ((8! + (7 + (6! \times (5 + 4! \times 3!)))) \times 2)) \times 1 \\
 295224 &:= 1 - (((2 - (3! \times ((4^5 \times 6) + 7))) \times 8) + 9) &= (9 + ((8! + (7 + (6! \times (5 + 4! \times 3!)))) \times 2)) + 1 \\
 295225 &:= (1 + (((2^3+4) \times 5!) + 6^7)) - 8 \times 9 &= 9 + ((8 + (((7 \times 6! - 5!)/4!) \times 3!)) \times 2 \times 1) \\
 295226 &:= (1 - (2 \times (((3! + 4!) \times (5! - 6! \times 7)) - 8))) + 9 &= 9 + (((8 + (((7 \times 6! - 5!)/4!) \times 3!)) \times 2) + 1) \\
 295227 &:= ((1 + 2)! \times (3! + (4! \times 5! - 6!))) + (7 \times 8! - 9) &= 9 + 8! + (7 \times ((6 + 5!) \times ((4! \times 3! \times 2) + 1))) \\
 295228 &:= (((1 + 2)^{3!+4}) \times 5) + ((6 - 7) \times (8 + 9)) &= ((9 + 8!) \times 7) - (((6!/5!) - 4!) \times (3!! - 2)) - 1) \\
 295229 &:= (((1 \times 2 + 3!!) \times (4! - 5)) - 6!) + (7 \times 8! - 9) &= (((9 + 8) + 7!) \times (6 \times 5)) - 4^3 \times 2 + 1 \\
 295230 &:= ((1 + ((2 + 3!!) \times (4! - 5))) - 6!) + (7 \times 8! - 9) &= (((9 + 8! \times 7) - (6! + 5!)) + (4!^3)) - 2 - 1 \\
 295231 &:= (((1 + 2)^{3!+4}) \times 5) - 6 - (7 - 8 + 9) &= (((9 + 8! \times 7) - (6! + 5!)) + (4!^3)) - 2 \times 1 \\
 295232 &:= 1 \times 2 \times (((3! \times 4! + 5) \times 6!) + (7 + 8! + 9)) &= (((9 + 8! \times 7) - (6! + 5!)) + (4!^3)) - 2 + 1 \\
 295233 &:= (((1 + 2) \times (3!! + 4)) - 5) \times 6 + 7 \times 8! - 9 &= (9 + (8! + 7!)) + ((6 \times 5! - 4!) \times (3!!/2 - 1)) \\
 295234 &:= (-1 + 2) \times (34 - (5 \times (6! \times (7 - 89)))) &= (((9 + 8! \times 7) - (6! + 5!)) + (4!^3 + 2)) - 1 \\
 295235 &:= (((1 + 2)^{3!+4}) \times 5) - ((6 \times (7 + 8))/9) &= (((9 + 8! \times 7) - (6! + 5!)) + (4!^3 + 2)) \times 1 \\
 295236 &:= (1 - (2 \times (3! + 4!))) \times (((5 - 6!) \times 7) - 8 + 9) &= (((9 + 8! \times 7) - (6! + 5!)) + (4!^3 + 2)) + 1 \\
 295237 &:= (((12^3) \times 4!) - (5 - 6!)) \times 7 - 8 \times 9 &= (9 \times (8! - 7!)) + (((6 - (5^4)) \times (3!^2)) + 1) \\
 295238 &:= 1 \times (2 \times (3!! - ((4 \times (5 \times 6! - (7 + 8!))) + 9))) &= 9 + (((8! \times 7) - 6) + (((5 \times 4!) - 3!^2)) - 1) \\
 295239 &:= 1 + (2 \times (3!! - ((4 \times (5 \times 6! - (7 + 8!))) + 9))) &= (9 + 8! \times 7) - 6 + (((5 \times 4!) - 3!^2) \times 1) \\
 295240 &:= (1 + (((2 \times 3!) \times 4^5) + 6!)) + (7 \times 8! - 9) &= 9 + (((8! \times 7) - 6) + (((5 \times 4!) - 3!^2) + 1)) \\
 295241 &:= (1 + (2 \times (3!! + 4! \times 5!))) \times (6 \times 7 + (8 - 9)) &= (((9 + 8) \times ((7! + (6! + 5 + 4!)) \times 3)) + 2) \times 1 \\
 295242 &:= (1 - ((2 - (3! \times ((4^5 \times 6) + 7))) \times 8)) + 9 &= (((9 + 8) \times ((7! + (6! + 5 + 4!)) \times 3)) + 2) + 1 \\
 295243 &:= (((1 + 2)^{3!+4}) \times 5) + (6 - (7 - 8)) - 9 &= (((9 \times (8 + 7)) \times ((6! + (5 + 4)) \times 3)) - 2) \times 1 \\
 295244 &:= (((1 + 2)^{3!+4}) \times 5) - ((6 - 7) \times 8) - 9 &= 9 + 8! + (((7! \times 6) + (((5! \times 4) - 3!^2)) - 1) \\
 295245 &:= ((1 + 2)! \times (3! + (4! \times 5! - 6!))) + (7 \times 8! + 9) &= 9 + 8! + ((7! \times 6) + (((5! \times 4) - 3!^2) \times 1)) \\
 295246 &:= (((1 + 2)^{3!+4}) \times 5) - 6 - (7 \times (8 - 9)) &= 9 + 8! + ((7! \times 6) + (((5! \times 4) - 3!^2) + 1)) \\
 295247 &:= (((1 \times 2 + 3!!) \times (4! - 5)) - 6!) + (7 \times 8! + 9) &= ((9 + 8! \times 7) - 6!) - ((5 - 4!) \times (3!! + 2 \times 1))
 \end{aligned}$$

$$\begin{aligned}
 295248 &:= ((1 + ((2 + 3!) \times 4!)) \times 5!) + ((6 \times 7! - 8) \times 9) &= ((9 + 8! \times 7) - 6!) - (((5 - 4!) \times (3!! + 2)) - 1) \\
 295249 &:= (((1 + 2)^{3!+4}) \times 5) - 6) - (7 - (8 + 9)) &= ((9 \times (8^{(7-6) \times 5}) - 4!) + (3!!/2 + 1) \\
 295250 &:= 1 \times (2 \times ((3!^4 \times (5! - 6)) - (7 \times (8 + 9)))) &= (9 + 8! \times 7) + ((6 + (((5 \times 4!) - 3!)^2)) - 1) \\
 295251 &:= (((((1 + 2) \times (3!! + 4)) - 5) \times 6) + 7 \times 8!) + 9 &= (((9 + 8! - 7!) \times 6) - ((5! \times (4! - 3!!)) + 2)) - 1 \\
 295252 &:= 1 - (((2 - (3 \times (4 + 5!))) \times (6! + 78)) + 9) &= (9 + 8! \times 7 + 6) + (((5 \times 4!) - 3!)^2 + 1) \\
 295253 &:= 1 - (2 + ((3!! \times (4 - 5!)) + (6 \times (7! - 8! - 9)))) &= (((9 + 8! - 7!) \times 6) - ((5! \times (4! - 3!!)) + 2)) + 1 \\
 295254 &:= (1 + 2)! \times ((3! \times ((4^5 - (6 - 7)) \times 8)) + 9) &= ((9 + 8!) \times 7!/6!) + ((5 + 4) \times (3!! \times 2 - 1)) \\
 295255 &:= 1 \times (((2 + (3! \times ((4^5 \times 6) + 7))) \times 8) - 9) &= ((9 + (8! + 7!)) \times 6) + ((5! \times (4! \times (3! + 2))) + 1) \\
 295256 &:= (1 + ((2 + (3! \times ((4^5 \times 6) + 7))) \times 8)) - 9 &= (9 + 8! \times 7) + ((6 \times (5! + (4^3/2))) - 1) \\
 295257 &:= (((1 + 2)! + 3!) \times 4^5) + 6!) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) - (6 - ((5 + 4) \times 3!! \times 2))) \times 1 \\
 295258 &:= (1 + (((2 \times 3!) \times 4^5) + 6!)) + (7 \times 8! + 9) &= (9 + 8! \times 7) + ((6 \times (5! + (4^3/2))) + 1) \\
 295259 &:= 1 \times (2 + ((3! \times (((4^5 \times 6) + 7) \times 8)) + 9)) &= (9 \times (8! - 7!) - 6!) - (((5!/4) \times (3!! - 2)) + 1) \\
 295260 &:= 1 + (2 + ((3! \times (((4^5 \times 6) + 7) \times 8)) + 9)) &= (9 \times (8! - 7!) - 6!) - (((5!/4) \times (3!! - (2 \times 1))) \\
 295261 &:= (1 + ((2 - (3!! + 4!)) \times (5 \times 6))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - 6!) - (((5!/4) \times (3!! - 2)) - 1) \\
 295262 &:= 1 - (2 - ((3!! \times (4! - 5)) - (6! - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (6^5)) + (((4! \times 3)^2) - 1) \\
 295263 &:= (1 + 2)! + ((3! \times (((4^5 \times 6) + 7) \times 8)) + 9) &= (((9 + 8!) \times 7) - 6^5) + ((4! \times 3!)^2 \times 1) \\
 295264 &:= (1 - 2 \times 3!!) - ((4! \times (5! - 6!)) - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6^5)) + (((4! \times 3)^2) + 1) \\
 295265 &:= (1 - ((2 \times 3!^4) - (5^6 + 7 \times 8!))) - 9 &= (9 \times (8! - (7! + 6))) - ((5 + 4! \times 3!)^2 \times 1) \\
 295266 &:= 1 \times (2 \times ((3 \times (((4^5 \times 6) + 7) \times 8)) + 9)) &= (9 \times (8! - (7! + 6))) - (((5 + 4! \times 3!)^2) - 1) \\
 295267 &:= 1 + (2 \times ((3 \times (((4^5 \times 6) + 7) \times 8)) + 9)) &= ((9 \times (8^{(7-6) \times 5}) - (4 - 3!!/2)) - 1) \\
 295268 &:= 1 \times 2^{3!} + (4 - (5 \times (6! \times (7 - 89)))) &= ((9 \times (8^{(7-6) \times 5}) - (4 - 3!!/2)) \times 1) \\
 295269 &:= (1 + 2 \times 3!) \times (((4! \times 5! - (6 \times 7)) \times 8) + 9) &= (9 - (8 \times ((7 \times 6) - (5! \times 4!)))) \times (3! \times 2 + 1) \\
 295270 &:= (((1 + 2)^{3!+4}) \times 5) + (6 \times 7 - 8) - 9 &= (9 \times (8^{(7-6) \times 5}) - ((4 - 3!!)/2 \times 1) \\
 295271 &:= 1 - (2 - ((3 \times 4!) - (5 \times (6! \times (7 - 89)))) &= ((9 + 8!) \times 7) - (6! - (((5 \times 4!) - 3!)^2) - 1) \\
 295272 &:= 1 \times 2 \times (3!! - (4 \times (5 \times 6! - (7! \times 8 + 9)))) &= (9 \times 8 \times 7) + (6!/5 \times (4^3/2 - 1)) \\
 295273 &:= (1 - ((2 \times 3!)^4)) + ((5! + (6^7/8)) \times 9) &= ((9 + 8!) \times 7) - (6! - (((5 \times 4!) - 3!)^2) + 1) \\
 295274 &:= (1 + ((2 + (3! \times ((4^5 \times 6) + 7))) \times 8)) + 9 &= (9 + (((8! + (7 - (6! \times 5))) \times 4) + 3!!)) \times 2 \times 1 \\
 295275 &:= (1 + 2) - (((3 - 4!) \times 5!) - (6 \times (7! + 8))) \times 9 &= ((9 \times (8^{(7-6) \times 5}) + 4) + (3!!/2 - 1) \\
 295276 &:= (((1 + 2) \times (3!! + 4) \times 5) + 6^7) + 8!/9 &= ((9 \times (8^{(7-6) \times 5}) + 4) + (3!!/2 \times 1) \\
 295277 &:= ((123 \times (4 + 5!)) + 6^7) + 89 &= ((9 \times (8^{(7-6) \times 5}) + 4) + (3!!/2 + 1) \\
 295278 &:= (1 + 2)! - (((3 - 4!) \times 5!) - (6 \times (7! + 8))) \times 9 &= (((9 + 8!) \times 7) + 6) + ((5 + 4) \times (3!! \times 2 + 1)) \\
 295279 &:= (((1 + 2)^{3!+4}) + 5) \times ((6 + 7) - 8) + 9 &= ((9 + 8) \times (((7 \times 6) + 5) + 4! \times 3!!)) + ((2 + 1)!)! \\
 295280 &:= (((1 - 2) + 3^4) \times (5 \times (6! + 7))) + 8!/9 &= (9 + 8 - 7) \times (((6! \times 5! + 4!)/3) + (2 + 1)!!) \\
 295281 &:= (((1 + 2)! + (3^4 \times 5)) \times 6!) - (7!/8 + 9) &= (9 - (8 \times (7 \times 6))) \times (5! - ((4^3+2) - 1)) \\
 295282 &:= (((1 - 23) \times 4!) - 5) \times (6 - (7! - 8!/9)) &= (((9 + 8!) \times 7) - 6!) - ((5 - 4!) \times (3!! + (2 - 1))) \\
 295283 &:= (1 - ((2 \times 3!^4) - (5^6 + 7 \times 8!))) + 9 &= (9 \times (8^{(7-6) \times 5}) + (((4! + 3!!)/2) - 1) \\
 295284 &:= ((1 + 2) - ((3! - 4!) \times (5 + 6!))) + (7 \times 8! - 9) &= (((((9 + 8!) \times 7) - (6! + 5!)) + (4!^3)) - 2) - 1 \\
 295285 &:= 1 + (2 + (((3 - 4) - (5 \times 6!)) \times (7 - 89))) &= (((((9 + 8!) \times 7) - (6! + 5!)) + (4!^3)) - 2) \times 1
 \end{aligned}$$

$$\begin{aligned}
 295286 &:= (((1+2)^{3!+4}) \times 5) - (6 - (7 \times 8)) - 9 &= (((((9+8!) \times 7) - (6!+5!)) + (4!^3)) - 2) + 1 \\
 295287 &:= ((1+2)!)! + ((3! \times ((4^5 \times 6) - 7) \times 8)) - 9 &= (((9+8!) \times 7) - (6!+5!)) + (4!^3) \times (2-1) \\
 295288 &:= (((1+2)^{3!+4}) \times 5) + (6 \times 7 - 8) + 9 &= (9 \times (8! - ((7! \times 6) + 5!)/4)) + (3!! - (2 \times 1)) \\
 295289 &:= (1 - (((2+3!) - 4!) \times (5^6))) + ((7! - 8) \times 9) &= (((9+8!) \times 7) - 6!) - (5! - (4!^3 + 2 \times 1)) \\
 295290 &:= 1 \times 2 \times (((3!!+4) + (5^6 + 7 \times 8)) \times 9) &= (9 \times ((8!/(7 \times 6)) + 5)) \times (4! + (3^2 + 1)) \\
 295291 &:= 1 + ((2+3) \times (((4+5)^{6+7-8}) + 9)) &= (9 \times (8! - ((7! \times 6) + 5!)/4)) + (3!! + (2-1)) \\
 295292 &:= (((((12^3) \times 4!) - (5-6!)) \times 7) - 8) - 9 &= ((9+8!) \times 7) - (6 - (((5 \times 4!) - 3!)^2) - 1) \\
 295293 &:= (((1+2)^{3!+4}) \times 5) + (6 \times (7-8+9)) &= (((9+8!) \times 7) - 6) + (((5 \times 4!) - 3!)^2) \times 1 \\
 295294 &:= 12 + (((3-4) - (5 \times 6!)) \times (7-89)) &= 9 + (((8!+7!) \times 6) + ((5^4) \times (3!^2 + 1))) \\
 295295 &:= (1 + ((2-3!) \times (4! - 5!))) \times (6! + ((7 \times 8) - 9)) &= (9-8) \times (7 \times ((6! - 5) \times ((4!+3!) \times 2) - 1)) \\
 295296 &:= (1 \times 2^{3!}) \times (4! - ((5! - (6! \times 7/8)) \times 9)) &= (9 \times (8+7!)) + ((6 \times 5! - 4!) \times (3!!/2 - 1)) \\
 295297 &:= (1 + ((2^{3+4}) \times 5!)) - (6^7 \times (8-9)) &= (9+8! \times 7) + (((6!+5) \times (4! - 3!)) - (2 \times 1)) \\
 295298 &:= (((1+2)^{3!+4}) \times 5) + 6) + ((7 \times 8) - 9) &= ((9+8!) \times 7) - (((6!/5!) - 4!) \times (3!! + 2)) + 1) \\
 295299 &:= (1+2) \times (3 \times (4! + (((5 \times (6!+7)) + 8) \times 9))) &= (9 \times (8! - ((7! \times 6) + 5!)/4)) + (3^{(2+1)!}) \\
 295300 &:= ((1+2 \times 3!) \times (4 \times (5 + (6!+7!)))) - 8!/9 &= (((9+8!) \times 7) - 6!) - (((5-4!) \times (3!!+2)) + 1) \\
 295301 &:= (1 \times 2 - (((3! - 4!) \times (5+6!)) - (7 \times 8!))) + 9 &= (9+8! \times 7) + (((6!+5) \times (4! - 3!)) + 2 \times 1) \\
 295302 &:= ((1 + ((2+3!!) \times (4! - 5!))) - 6!) + (7 \times (8!+9)) &= (((9+8!) \times 7) - 6!) - (((5-4!) \times (3!!+2)) - 1) \\
 295303 &:= (-1 \times 2) + (3 + (((4 \times 5!) - 6) \times (7 \times 89))) &= 9 - (8 - ((7 \times 6) \times ((5! + ((4!^3)/2)) - 1))) \\
 295304 &:= (((1+2)^{3!+4}) \times 5) - (6 - (7 \times 8)) + 9 &= ((9+8!) \times 7) + ((6 + (((5 \times 4!) - 3!)^2)) - 1) \\
 295305 &:= ((1+2)!)! + ((3! \times ((4^5 \times 6) - 7) \times 8)) + 9 &= (((9+8!) \times 7) + 6) + (((5 \times 4!) - 3!)^2) \times 1 \\
 295306 &:= 1 \times (((2+34) - 5) \times (6 + (7!+8!/9))) &= (((9+8!) \times 7) + 6) + (((5 \times 4!) - 3!)^2) + 1 \\
 295307 &:= (((12^3) \times 4!) + (5+6!)) \times 7) - 8 \times 9 &= 9 - ((8 + (7 \times (6 - (5!+4)))) \times (3!!/2 + 1)) \\
 295308 &:= 1 \times 2 \times ((3!! \times 4! - ((5!+6) \times 7) - 8)) \times 9 &= (9 \times ((8^{(7-6) \times 5} + 4)) + (3!!/2 \times 1)) \\
 295309 &:= 1 - ((2 \times ((3!+4!) \times (5-6!)) + 7!)) + 8) \times 9 &= (9 \times ((8^{(7-6) \times 5} + 4)) + (3!!/2 + 1)) \\
 295310 &:= (1 - (((2 + ((3+4)!) - 5!) \times 6)) \times (7 - (8+9))) &= ((9+8!) \times 7) + ((6 \times (5! + (4^3/2))) - 1) \\
 295311 &:= ((1 + ((2+3!) \times 4!)) \times 5!) + ((6 \times (7!+8!)) - 9) &= ((9+8!) \times 7) + ((6 \times 5!) + (4^3! \times (2+1))) \\
 295312 &:= (1 + (((2 \times 3!) \times 4^5) + 6!)) + (7 \times (8!+9)) &= ((9+8!) \times 7) + ((6 \times (5! + (4^3!/2))) + 1) \\
 295313 &:= 1 \times (((2^{3+4}) \times 5!) + (6^7 + 8+9)) &= ((9 \times (8! - 7!) - 6) - ((5+4! \times 3!)^2)) \times 1 \\
 295314 &:= ((1+2) - (3!! - (4+5!))) \times (6 - (7 \times 8 \times 9)) &= (9 \times (8! - 7!)) - ((6 + ((5+4! \times 3!)^2)) - 1) \\
 295315 &:= (((1+2)^{3!+4}) \times 5) + ((6! \times 7)/(8 \times 9)) &= (((9 \times 8 \times 7) - 6) \times ((5^4) - 32)) + 1 \\
 295316 &:= (1 + (2 \times (3!! - 4!))) \times ((5!/6 \times 7) + 8 \times 9) &= (((9+8!) \times 7) + 6!) + (5 + (4^3! \times (2+1))) \\
 295317 &:= (((1+2) \times 3!! + (4+5)) \times 6) + (7 \times (8!+9)) &= (9+8! \times 7) - (((6!/5!) - 4!) \times (3! + (2+1)!)) \\
 295318 &:= (((1+2)^{3!+4}) \times 5) - 6) + (7+8 \times 9) &= (9 \times (8! - (7 \times 6!))) - (((5+4! \times 3!)^2) + 1) \\
 295319 &:= ((1+2)!! + 3!!) + (((4! \times 5! \times 6) + 7) \times (8+9)) &= (((9+8!/7!) \times 6!) + 5) \times 4! + 3!! \times 2 - 1 \\
 295320 &:= ((1 - (2+3!) \times 4!) \times 5!) + (6! - ((7! - 8!) \times 9)) &= ((9 \times (8! - 7!)) + 6!) - (5! \times ((4! \times (3!+2)) - 1)) \\
 295321 &:= (((1+2)^{3!+4}) \times 5) + 6) + (7!/(8 \times 9)) &= (((9+8!/7!) \times 6!) + 5) \times 4! + (3!! \times 2 + 1) \\
 295322 &:= (1 + (23^4)) + (5! \times (((6+7) - 8)! + 9)) &= 98 + ((7 \times 6! - 5!) + (4!^3 \times 21)) \\
 295323 &:= (((1+2)! + 3!!) \times (4! - 5!)) - (6! - (7 \times 8!)) + 9 &= ((9 + (8 \times (7! + (6^5)))) - 4^3!) \times (2+1)
 \end{aligned}$$

$$\begin{aligned}
 295324 &:= 1 + ((2 \times ((3!^4 \times (5! - 6)) - 78)) - 9) &= (9 \times (8! - 7!)) + (6 - (((5 + 4! \times 3!)^2) + 1)) \\
 295325 &:= (((1 + 2)^{3!+4}) \times 5) + ((6! + 7!)/(8 \times 9)) &= (((9 \times (8! - 7!)) + 6) - ((5 + 4! \times 3!)^2)) \times 1 \\
 295326 &:= 1 \times 2 \times (((3 + 4 \times 5) \times (6! - 7)) + 8) \times 9 &= (9 \times (8! - 7!)) + (6 - (((5 + 4! \times 3!)^2) - 1)) \\
 295327 &:= 1 - ((2 - ((3! + (4^{5-6+7})) \times 8)) \times 9) &= (9 \times (87 + (6! \times 5))) + (4^{3 \times (2+1)}) \\
 295328 &:= 1 \times 2 \times (3!! - (4 \times (5 \times 6! - (7 + 8! + 9)))) &= 9 + (((8 + 7! - (6 + 5!)) \times ((4! + 3!) \times 2)) - 1) \\
 295329 &:= ((1 + ((2 + 3!) \times 4!)) \times 5!) + ((6 \times (7! + 8!)) + 9) &= (9 + ((8! + 7!) \times 6)) + (5! \times ((4! \times (3! + 2)) + 1)) \\
 295330 &:= 1 \times (2 \times ((3!^4 \times (5! - 6)) - (7 + 8 \times 9))) &= 9 + (((8 + 7! - (6 + 5!)) \times ((4! + 3!) \times 2)) + 1) \\
 295331 &:= 1 + (2 \times ((3!^4 \times (5! - 6)) - (7 + 8 \times 9))) &= 9 + ((8 + 7! - 6 \times 5) + (4!^3 \times 21)) \\
 295332 &:= ((1 + 2)! + (((3^{4+5}) + 6) \times (7 + 8))) - 9 &= (9 \times (((87 \times (6 + 5!)) - 4!) \times 3)) + (2 + 1)! \\
 295333 &:= (((1 - (2 + 3!)) \times (4 - 5!)) - (6! - (7 \times 8!))) + 9 &= ((9 + 8! \times 7) - 6!) + ((5! - 4) \times (((3 + 2)! - 1)) \\
 295334 &:= (((1 + 2)^{3!+4}) \times 5) - ((6 - 7) \times 89) &= (((98/7) + 6!) - 5!) \times ((4 \times ((3 + 2)!)) + 1) \\
 295335 &:= (((1 + 2)^{3!+4}) \times 5) + (6!/(7 - 8 + 9)) &= (9 + 8! \times 7 + 6) + (5! + ((4! - 3!) \times (2 + 1)!)) \\
 295336 &:= 1 - (((2 + 3!) \times ((4 \times 5! + 6) \times 7) - 8!) + 9) &= (((9 + 8) \times (7! + (6! \times 5 + 4))) + 3!!) \times 2 \times 1 \\
 295337 &:= (1 - ((2 \times 3!^4) - 5^6)) + (7 \times (8! + 9)) &= (9 - 8) \times (7 \times ((6 \times (5! + ((4!^3)/2))) - 1)) \\
 295338 &:= (1 + 2)! \times ((3!! + ((4^5 + (6! \times 7)) \times 8)) - 9) &= 9 - (8 - (7 \times ((6 \times (5! + ((4!^3)/2))) - 1)) \\
 295339 &:= 1 - (2 \times (((3! + 4!) \times (5! + (6 - 7! - 8))) - 9)) &= ((9 + (8! + 7!)) \times 6) + ((5^4) \times (3!^2 + 1)) \\
 295340 &:= 1 \times ((2 + 3!)! - ((4 \times (5^6)) + ((7! - 8!) \times 9))) &= 9 - ((8 - (7 \times 6! - 5)) - (4!^3 \times 21)) \\
 295341 &:= 1 + ((2 + 3!)! - ((4 \times (5^6)) + ((7! - 8!) \times 9))) &= ((9 + 8) \times ((7 \times (6! + 5)) - (4 - 3!))) \times (2 + 1) \\
 295342 &:= 1 + ((2 \times ((3!^4 \times (5! - 6)) - 78)) + 9) &= ((9 + 8! \times 7) - 6!) - (5 - ((4!^3) - (2 + 1)!)) \\
 295343 &:= ((1 - 2) + (((3^{4+5}) + 6) \times (7 + 8))) + 9 &= (((9 - 8) + 7!) + (6^5 + 4!)) \times ((3! - 2)! - 1) \\
 295344 &:= (((1 + 2)^{3!+4}) \times 5) + 6! - (7!/8 - 9) &= ((9 - 8) \times (7 \times 6)) \times (5! + ((4!^3)/2 \times 1)) \\
 295345 &:= (1 - ((2 - (3!! + 4!)) \times (56 \times 7))) + 8!/9 &= ((9 + 8! \times 7) - 6!) - (5 - ((4!^3) - 2 - 1)) \\
 295346 &:= 1 \times 2 - ((3!! + (4^5 + (6! + 7! - 8!))) \times 9) &= ((9 + 8! \times 7) - 6!) - (5 - ((4!^3) - (2 \times 1))) \\
 295347 &:= (1 + 2) - ((3!! + (4^5 + (6! + 7! - 8!))) \times 9) &= ((9 + 8! \times 7) - 6!) - (5 - ((4!^3) - (2 - 1))) \\
 295348 &:= 1 \times (2 \times ((3!^4 \times (5! - 6)) - (7!/(8 \times 9)))) &= (((9 + 8! \times 7) - (6! + 5)) + (4!^3)) \times (2 - 1) \\
 295349 &:= 1 + (2 \times ((3!^4 \times (5! - 6)) - (7!/(8 \times 9)))) &= ((9 + 8! \times 7) - 6!) - (5 - (4!^3 + (2 - 1))) \\
 295350 &:= ((1 + 2)! + (3! \times (((4^5 \times 6) - 7) \times 8) + 9)) &= ((9 + 8! \times 7) - 6!) - (5 - (4!^3 + 2 \times 1)) \\
 295351 &:= 1 \times (((2 \times 3! + 4) \times (5^6)) + (7! + 8! - 9)) &= ((9 + 8! \times 7) - (6 \times 5!)) + ((4!^3) - (2 \times 1)) \\
 295352 &:= (1 - (((2 + 3!) - 4!) \times (5^6) - (7! + 8!))) - 9 &= 9 - ((8 \times ((7 \times (6 + (5! \times 4))) - (3! + 2)!)) + 1) \\
 295353 &:= (((1 + 2)! \times (3^4 \times 5)) - 6! - 7) + 8!/9 &= (9 \times ((8! - 7) - 6^5)) + (((4 + 3)!)/2 \times 1) \\
 295354 &:= (1 - (2 \times (3! + 4!))) \times (((5 - 6!) \times 7) + (8 - 9)) &= (((9 + 8!) \times 7) + (((6! + 5) \times (4! - 3!)) + 2)) - 1 \\
 295355 &:= 1 \times (2 - (((3! - 4!) \times (5 + 6!)) - (7 \times (8! + 9)))) &= (9 \times (8! - 7!)) + ((6! - 5) \times (4 - (3!^2 - 1))) \\
 295356 &:= 1 + (2 - (((3! - 4!) \times (5 + 6!)) - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (((6! + 5) \times (4! - 3!)) + 2)) + 1 \\
 295357 &:= (1 + ((2 + ((3^{4+5}) + 6)) \times (7 + 8))) - 9 &= (9 \times (8 + (7! \times 6))) + ((5^4) \times (3!^2 + 1)) \\
 295358 &:= 1 \times 2 \times ((3!^4 \times (5! - 6)) + (7 - 8 \times 9)) &= ((9 + 8! \times 7) - 6!) + (5 + (4!^{3!-2-1})) \\
 295359 &:= ((1 + 2)! - ((3! - 4!) \times (5 + 6!))) + (7 \times (8! + 9)) &= (((9 + 8! \times 7) - 6! + 5) + (4!^3 + 2)) - 1 \\
 295360 &:= ((1 + 2 \times 3!) \times 4) \times (((5! \times 6!) + 7! - 8!)/9) &= (((9 + 8! \times 7) - 6! + 5) + (4!^3 + 2)) \times 1 \\
 295361 &:= (1 - 2 \times 3!) \times (4! + (5 - ((6 \times 7! \times 8)/9))) &= (((9 + 8! \times 7) - 6! + 5) + (4!^3 + 2)) + 1
 \end{aligned}$$

$$\begin{aligned}
 295362 &:= (((1+2)^{3!}) \times (4! - 5)) - 6! + (7 \times 8! - 9) &= (9 \times ((8^{(7-6) \times 5}) - (4! + 3!))) + ((2+1)!) \\
 295363 &:= ((12 \times (((3+4!) \times (5+6!)) + 7!)) - 8) - 9 &= -9 + ((87 \times 6) + ((543^2) + 1)) \\
 295364 &:= 1 \times 2 + (3! \times (4! - ((5+6) \times (7-8!/9)))) &= ((9+8! \times 7) - 6!) + (5 + (4!^3 + (2+1)!)) \\
 295365 &:= (((1+2) \times 3!! + 4! + 5) \times 6) + (7 \times 8! - 9) &= ((9^{(8-7)^6 \times 5}) + 4!) \times ((3+2) \times 1) \\
 295366 &:= 1 \times 2^{3!} + (((4 \times 5!) - 6) \times (7 \times 89)) &= (((9+8) + (76 \times 5)) \times (4! + 3!)) - 2 \times 1 \\
 295367 &:= 1 - (2 - ((3!! + 4!) \times (((5 \times (6! - 7)) + 8)/9))) &= 9 \times 8 + (7 \times ((6! - 5) \times (((4! + 3!) \times 2) - 1))) \\
 295368 &:= (1 + (2 \times ((3!^4 \times (5! - 6)) - (7 \times 8)))) - 9 &= (9 + ((8 - 7!/6) \times (5!/4! - 3!!/2))) - 1 \\
 295369 &:= (1 + (((2^{3+4}) \times 5!) + 6^7)) + 8 \times 9 &= (9 + ((8 - 7!/6) \times (5!/4! - 3!!/2))) \times 1 \\
 295370 &:= (1 - (((2+3!) - 4!) \times (5^6)) - (7! + 8!)) + 9 &= (9 + ((8 - 7!/6) \times (5!/4! - 3!!/2))) + 1 \\
 295371 &:= 1 \times (((2 \times 3!^4) - (5 - (6 \times 7! - 8))) \times 9) &= (9 + (((8! \times 7)/6!) + 5) \times (4! + 3!)) - (2 + 1)! \\
 295372 &:= 1 + (((2 \times 3!^4) - (5 - (6 \times 7! - 8))) \times 9) &= (9 \times (8! - (7! - 6))) - (((5+4! \times 3!)^2) + 1) \\
 295373 &:= (1 + 2 \times 3!) \times ((4 \times 5678) + 9) &= ((9 \times (8! - (7! - 6))) - ((5+4! \times 3!)^2)) \times 1 \\
 295374 &:= ((1 + ((2+3!) \times 4!)) \times 5!) + (6 \times (7! + 8! + 9)) &= ((9 \times (8! - (7! - 6))) - ((5+4! \times 3!)^2)) + 1 \\
 295375 &:= 1 - (((2+3) - 4!) \times (5^6 - (7+8 \times 9))) &= (9 + (((8! \times 7)/6!) + 5) \times (4! + 3!)) - 2 \times 1 \\
 295376 &:= ((1+2)! \times (3!! - 4!)) + ((5 \times (6+7)) \times (8!/9)) &= 9 + (((8! \times 7)/6!) + 5) \times (4! + 3!) - (2 - 1) \\
 295377 &:= (((1+2)! + 3!!) \times (4! - 5)) - 6! + (7 \times (8! + 9)) &= (9 + (8! \times 7 + 6!)) + (5! + (4^{3!} \times (2+1))) \\
 295378 &:= (1 - (((2+3)! \times (4-5!)) + 6!)) + (7 \times (8! - 9)) &= (9 + (((8! \times 7)/6!) + 5) \times (4! + 3!)) + 2) - 1 \\
 295379 &:= (1 - ((2+3!!) \times (4-5!))) - (6 \times (7! - 8! + 9)) &= (9 + (((8! \times 7)/6!) + 5) \times (4! + 3!)) + 2) \times 1 \\
 295380 &:= 1 \times 2 \times (3! \times (((4! \times (5! - 6)) + (7-8)) \times 9)) &= (9 + (((8! \times 7)/6!) + 5) \times (4! + 3!)) + 2) + 1 \\
 295381 &:= (((1 - (2 \times 3!^4)) \times (5! - 6)) - 7) \times (8 - 9) &= (((9+8!) \times 7) - 6!) - (5 - ((4!^3) - 21)) \\
 295382 &:= 1 \times ((2 + (3!!/4)) - (5 \times (6! \times (7-89)))) &= 9 + ((8+7!) + (((6-5) + (4!^3)) \times 21)) \\
 295383 &:= (((1+2) \times 3!! + 4! + 5) \times 6) + (7 \times 8! + 9) &= (((9+8!) \times 7) - 6!) - (5! \times (4 - (((3+2)!) - 1))) \\
 295384 &:= (((1+2)^{3!+4}) \times 5) + 67 + 8 \times 9 &= ((98-7) \times (6 + (5! \times (4! + 3)))) - 2 \times 1 \\
 295385 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times (6! - 7))) + 8!/9 &= (((-9+8!) - 7!) \times 6) - (5! \times (4! - (3!! + 2))) - 1 \\
 295386 &:= 1 \times (((2+3!!) - 4!) \times 5!) - (6 \times (7! - 8! + 9)) &= 9 + 8! - (((7-6! + 5)/4) \times (3!! \times 2 + 1)) \\
 295387 &:= (1 + (((2+3!!) - 4!) \times 5!)) - (6 \times (7! - 8! + 9)) &= 9 - (8 - ((7 \times 6) \times (5! + (((4!^3)/2) + 1)))) \\
 295388 &:= (1 + ((23^4) + (5^6 - 7))) - 8 \times 9 &= (9 + 8! \times 7) - (((6! - ((5!/4)^3))/2) + 1) \\
 295389 &:= (((1+2)!)! \times (3^4 \times 5)) + (((6 \times 7!)/8) + 9) &= (9 + 8! \times 7) - ((6! - ((5!/4)^3))/2 \times 1) \\
 295390 &:= 1 + (23 \times (((4! + 5!) \times (6! - 7))/8) + 9) &= (9 + 8! \times 7) - (((6! - ((5!/4)^3))/2) - 1) \\
 295391 &:= 1 - (2 - ((3!! + 4) \times (((5+6-7)!) \times (8+9)))) &= (9 \times (8^{(7-6) \times 5})) + ((4 \times ((3+2)!) - 1) \\
 295392 &:= ((1 + ((2+3!) \times 4!)) \times 5!) + ((6 \times 7! + 8) \times 9) &= (9 \times (8 + (7! \times 6))) + (5! \times ((4! \times (3! + 2)) + 1)) \\
 295393 &:= ((1 - (2+3)!) \times (4 - (5! - 6))) + (7 \times (8! + 9)) &= ((9+8!) \times 7) - ((6 - (5! - 4)) \times (((3+2)!) - 1)) \\
 295394 &:= 1 \times 2 \times ((3!^4 \times (5! - 6)) - ((7 \times 8) - 9)) &= (9 \times 8 \times (7! - 6!)) - (((5!/4!)^{3!}) + 21) \\
 295395 &:= (((1+2)^{3!+4}) \times 5) + ((6! + 7!/8)/9) &= ((98 + (((7 \times 6! - 5!)/4!) \times 3!)) \times 2) - 1 \\
 295396 &:= (((12^3) \times 4!) + (5+6!)) \times 7 + (8+9) &= (9 \times (8^{(7-6) \times 5})) + (4 \times (((3+2)!) + 1)) \\
 295397 &:= (12 \times (((3+4!) \times (5+6!)) + 7!)) + (8+9) &= ((98 + (((7 \times 6! - 5!)/4!) \times 3!)) \times 2) + 1 \\
 295398 &:= 1 \times (((2 \times (3!^4 - (5 + (6! \times 7)))) + 8!) \times 9) &= ((9+8! - 7!) \times 6) + ((5! + (4!^3)) \times (2+1)!) \\
 295399 &:= 1 + (((2 \times (3!^4 - (5 + (6! \times 7)))) + 8!) \times 9) &= (((9+8!) \times 7) - (6! + 5)) + (4!^3) - 2) - 1
 \end{aligned}$$

$$\begin{aligned}
 295400 &:= 1 \times ((2 + 3) \times ((4 + (5! + 6!)) \times (7! / (8 \times 9)))) &= (((((9 + 8!) \times 7) - (6! + 5)) + (4!^3)) - 2) \times 1 \\
 295401 &:= (1 + (((2 \times 3!!) / 4) \times (5! + 6! - 7))) - 8! / 9 &= (((((9 + 8!) \times 7) - (6! + 5)) + (4!^3)) - 2) + 1 \\
 295402 &:= (1 + (((2 + 3)! - 4) \times (5! - 6))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - 6!) - (5 - (4!^{3! - 2 - 1})) \\
 295403 &:= (1 + (2 \times ((3!^4 \times (5! - 6)) - 7))) - 8 \times 9 &= (((((9 \times 8) + 7! + 6) \times (5 + 4!)) - 3!!) \times 2) - 1 \\
 295404 &:= ((1 + 2) - 3!!) \times (4 \times ((5! \times (6 - 7)) + 8 + 9)) &= (((((9 \times 8) + 7! + 6) \times (5 + 4!)) - 3!!) \times 2) \times 1 \\
 295405 &:= 1 - (2 \times (3!! - ((4! + 5) \times (6 + (7! + 8 \times 9)))) &= (((((9 \times 8) + 7! + 6) \times (5 + 4!)) - 3!!) \times 2) + 1 \\
 295406 &:= 1 - (2 - (3^4 \times (5 \times 6! + ((7 \times 8) - 9)))) &= 9 - (8 - (((7 \times 6! - 5!) / 4!) \times (3!! \times 2 + 1))) \\
 295407 &:= (1 + 2) \times ((3! + (((4 + 5) + 6!) \times (7 + 8))) \times 9) &= (9 + (8! + ((7 + 6) \times (5! + 4!)))) \times (3! + (2 - 1)) \\
 295408 &:= 1 \times (2 \times (3!! - (4 \times ((5 \times (6! - 7)) - 8! + 9)))) &= (((((9 + 8!) \times 7) - (6 \times 5!)) + (4!^3 + 2)) - 1 \\
 295409 &:= 1 + (2 \times (3!! - (4 \times ((5 \times (6! - 7)) - 8! + 9)))) &= (((((9 + 8!) \times 7) - (6 \times 5!)) + (4!^3 + 2)) \times 1 \\
 295410 &:= ((1 + (2 \times (3!^4 \times (5! - 6)))) - 7) - 8 \times 9 &= (((((9 + 8!) \times 7) - (6 \times 5!)) + (4!^3 + 2)) + 1 \\
 295411 &:= ((1 + 2 \times 3!) \times (4^5 - 6)) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - 6!) + ((5 + (4!^3)) - (2 - 1)) \\
 295412 &:= ((1 + 2 \times 3!) \times 4) \times (5 + 6 + ((7! / 8) \times 9)) &= (9 \times 8 \times (7! - 6!)) - (((5! / 4!)^{3!} + 2)) - 1 \\
 295413 &:= (1 + 2)! - (3^4 \times (5! + (6! - (7 + 8! / 9)))) &= (9 \times 8 \times (7! - 6!)) - (((5! / 4!)^{3!} + 2)) \times 1 \\
 295414 &:= (((1 - 2) + (3 \times 4!)) \times (5 \times 6! - 7)) + 8! - 9 &= (9 \times 8 \times (7! - 6!)) - (((5! / 4!)^{3!} + 2)) + 1 \\
 295415 &:= 1 - (2 - (((3 - 4 + 5)^6 + 7) \times 8 \times 9)) &= (9 \times 8 \times 7) + ((6! / 5 \times (4^{3!} / 2)) - 1) \\
 295416 &:= (((1 + 2)! + (3^4 \times 5)) \times 6!) - (7 \times 8 \times 9) &= (9 \times 8 \times (7! - 6!)) - (((5! / 4!)^{3!} - 2)) - 1 \\
 295417 &:= 1 - (((2^{3 \times 4}) \times (5 - 6)) - 7) \times 8 \times 9 &= (9 \times 8 \times (7! - 6!)) - (((5! / 4!)^{3!} - 2)) \times 1 \\
 295418 &:= (1 \times 2 \times (3!^4 \times (5! - 6))) - (7! / (8 \times 9)) &= (9 \times 8 \times (7! - 6!)) - (((5! / 4!)^{3!} - 2)) + 1 \\
 295419 &:= (1 + (2 \times (3!^4 \times (5! - 6)))) - (7! / (8 \times 9)) &= (9 - (((8! / 7!) - 6! / 5) \times (4 + 3!))) \times (2 + 1) \\
 295420 &:= (1 + ((23^4) + 5^6)) - ((7 \times 8) - 9) &= 9 \times 8 \times (7! - 6!) + 5 - (\sqrt{4 + 3})^{(2+1)!} \\
 295421 &:= ((12 \times 3!^4) + 5) + (6^7 - 8 \times 9) &= (9 \times 8 \times (7! - 6!)) - ((5! / 4!)^{3!}) + (2 + 1)! \\
 295422 &:= (1 + 2)! + (((3 - 4 + 5)^6 + 7) \times 8 \times 9) &= 9 + (8 + (((7 \times 6! - 5!) / 4!) \times (3!! \times 2 + 1))) \\
 295423 &:= (1 \times 2 \times (3!^4 \times (5! - 6))) - ((7 \times 8) + 9) &= 9 \times 8 + (7 \times ((6 \times (5! + ((4!^3) / 2))) + 1)) \\
 295424 &:= 1 - (((2 + 3!!) \times (4 - 5!)) + ((6 \times (7! - 8!)) + 9)) &= (9 \times 8^{(7-6) \times 5}) + ((4! / 3)^{2+1}) \\
 295425 &:= 1 - (2^{3!} \times (4 - ((5! / 6 \times 7) + 8! / 9))) &= (9 \times ((8^{(7-6) \times 5} - 4!)) + (3^{(2+1)!})) \\
 295426 &:= (((1 + 2)!^{3+4}) + 5^6) - ((7 + 8) \times 9) &= (9 + 8) \times ((7 \times (6 + 5)) + ((4! \times 3!!) + 21)) \\
 295427 &:= 1 + ((2 + ((3!! + 4) \times ((5 + 6 - 7)!)) \times (8 + 9)) &= ((9 \times 8) + 7! + 6) + (5 + (4!^3 \times 21)) \\
 295428 &:= 12 \times (((3 + 4! \times 5!) - 6) \times 7) + 8! / 9 &= (98 + ((7! - (6 + 5!)) \times (4 + 3!))) \times (2 + 1)! \\
 295429 &:= ((12 \times (3!^4 - 5)) + (6^7 - 8)) + 9 &= -9 + T(T(T(8))) + 7 + 6! + T(T(T(5))) \times (4 + 3 + 2 + 1) \\
 295430 &:= 1 \times ((2 \times (3!^4 \times (5! - 6)) + 7)) - 8 \times 9 &= (-9 + 8!) + (((((7 + 6!) \times 5!) + (4! / 3!)) \times 2) - 1) \\
 295431 &:= (((1 \times 2 + 3!!) - 4!) \times 5!) - ((6 \times (7! - 8!)) + 9) &= (9 + 8! \times 7) + (6 \times ((5 + (4! / 3))^{2+1})) \\
 295432 &:= 1 \times (((2 \times 3! + 4) \times (5^6)) + ((7! + 8) \times 9)) &= 9 + 8! - ((7 - (6! \times 5)) \times ((4! \times 3) - (2 - 1))) \\
 295433 &:= 1 + (((2 \times 3! + 4) \times (5^6)) + ((7! + 8) \times 9)) &= 9 - (8 \times (7 + (((6 - 5!) \times ((4! - 3!)^2) + 1))) \\
 295434 &:= (((1 + 2)! \times (3^4 \times 5)) + (6 \times (7! / 8 + 9)) &= ((9 + 8!) \times 7) - (6! + ((5 - 4!) \times (3^{(2+1)!}))) \\
 295435 &:= 1 + (234 - (5 \times (6! \times (7 - 89)))) &= (9 \times (8! - 7!)) - ((6 + 5^4) \times (3!^2 - 1)) \\
 295436 &:= (((1 + 2)! / 3) - 4) - (5 \times (6! \times (7 - 89))) &= (9 \times 8 \times (7! - 6!)) - ((5! / 4!)^{3!}) + 21 \\
 295437 &:= (((1 + 2) \times 3!! + 4! + 5) \times 6) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + (((6 \times 5) + (4!^3)) - ((2 + 1)!))
 \end{aligned}$$

$$\begin{aligned}
 295438 &:= (1 - 2 \times 3!) \times (4 + ((5! + (6 \times (7 - 8!))) / 9)) &= (((9 + (8 \times 76)) \times (5! \times 4)) - (3!! + 2)) \times 1 \\
 295439 &:= 1 - (2 + (3!! + (4 \times (5! \times (6 - (7 \times 89)))))) &= (9 \times (8! / 7)) - (((6! + 5) \times (4! - 3!! / 2)) + 1) \\
 295440 &:= ((1 \times 2 - (3!! / 4)) \times 5!) - (6! + ((7! - 8!) \times 9)) &= (9 + ((8! - 7!) \times 6)) + (((5! - 4) \times (3!! + 2)) - 1) \\
 295441 &:= ((1 + ((2 - (3!! / 4)) \times 5!)) - 6!) - ((7! - 8!) \times 9) &= (9 \times (8! / 7)) - (((6! + 5) \times (4! - 3!! / 2)) - 1) \\
 295442 &:= (1 - ((2 + 3!!) \times (4 - 5!))) - ((6 \times (7! - 8!)) - 9) &= ((9 + 8!) \times 7) - (((6! - ((5! / 4)^3)) / 2) + 1) \\
 295443 &:= ((1 + 2) \times ((3^4 \times (5 + 6! - 7)) + 8!)) + 9 &= ((9 + 8!) \times 7) - ((6! - ((5! / 4)^3)) / 2 \times 1) \\
 295444 &:= (((1 + 2)!! / 3) + 4) - (5 \times (6! \times (7 - 89))) &= ((9 + 8!) \times 7) - (((6! - ((5! / 4)^3)) / 2) - 1) \\
 295445 &:= ((12 \times (3!^4 - 5)) + (6^7 + 8)) + 9 &= (-9 + T(8 + T(T(7))) - T(T(T(6)))) \times 5 - T(4 + 3 + 2 + 1) \\
 295446 &:= 1 + (2 + (((3!! \times 4! + 5^6) - 78) \times 9)) &= ((9 + 8) + (7 \times (6^5 - (4! + 3!!)))) \times (2 + 1)! \\
 295447 &:= 1 \times (((2 + 3!)! - (4 \times (5! + (6! + 7)))) \times 8) - 9 &= (98 + 7 \times 6!) + (5 + (4!^3 \times 21)) \\
 295448 &:= 1 + (((2 + 3!)! - (4 \times (5! + (6! + 7)))) \times 8) - 9 &= 9 + 8! + (((((7 + 6!) \times 5!) + (4! / 3)!) \times 2) - 1) \\
 295449 &:= (((1 \times 2 + 3!!) - 4!) \times 5!) - ((6 \times (7! - 8!)) - 9) &= 9 + 8! + (((((7 + 6!) \times 5!) + (4! / 3)!) \times 2 \times 1) \\
 295450 &:= (1 + (((2 + 3!!) - 4!) \times 5!)) - ((6 \times (7! - 8!)) - 9) &= 9 + 8! + (((((7 + 6!) \times 5!) + (4! / 3)!) \times 2) + 1) \\
 295451 &:= (((12^3) \times 4!) + (5 + 6!)) \times 7 + 8 \times 9 &= 9 + ((8! \times 7 + ((6 + 5)^4)) - (3!! \times 2 - 1)) \\
 295452 &:= (1 + 2) \times (3! \times ((4! + 5) \times ((6 + 7!) - 8! / 9))) &= (9 \times (((8 + 7) \times 6!) + (5! - 4) \times 3)) + ((2 + 1)!)! \\
 295453 &:= 1 + (2 \times (((3^4 + 5!) \times (6! + (7 + 8))) - 9)) &= 9 + (((8! \times 7) - 6!) + ((5! + (4 - 3!))^2 \times 1)) \\
 295454 &:= 1 \times (2 - ((3! - 4!) \times (5^6 + 789))) &= 9 + (((8! \times 7) - 6!) + (((5! + (4 - 3!))^2) + 1)) \\
 295455 &:= 1 \times (((2 + 3!)! - 4) \times (5! - 6)) + 7 \times 8! - 9 &= (9 - 8) \times ((7! + 6) + ((5 + (4!^3)) \times 21)) \\
 295456 &:= 1 \times 2 \times ((3! \times ((4! + 5 \times 6!) \times 7)) - 8! / 9) &= 9 - ((8 - (7! + 6)) - ((5 + (4!^3)) \times 21)) \\
 295457 &:= ((1 + ((23 \times 4) \times 5!)) + 6^7) + 8! / 9 &= 9 - (8 \times (((7 + (6! + 5!)) \times 4) - ((3! + 2)! - 1))) \\
 295458 &:= (1 + 2)! \times (((3!^4 - (5! / 6)) \times 7) + 8! - 9) &= 9 \times 8 + ((7 \times 6) \times (5! + (((4!^3) / 2) + 1))) \\
 295459 &:= (1 + ((23^4) + (5^6 - (7 - 8)))) - 9 &= ((9 + 8) \times (((7! - (6! + 5)) \times 4) + ((3 + 2)!)!) - 1 \\
 295460 &:= (1 - 2 \times 3!) \times (4 \times 5 - ((6 \times 7! \times 8) / 9)) &= ((9 \times 8) + 7) \times (6! \times 5 + (4 \times (3!^2 - 1))) \\
 295461 &:= (((1 + 2)^{3!+4}) \times 5) + 6! - (7 \times 8 \times 9) &= ((9 + 8) \times (((7! - (6! + 5)) \times 4) + ((3 + 2)!)!) + 1 \\
 295462 &:= 1 \times (2 \times (3!! - ((4 \times ((5 \times (6! - 7)) - 8!) + 9))) &= 9 + ((87 \times (((6! + 5!) \times 4) + 3!^2)) + 1) \\
 295463 &:= 1 + (2 \times (3!! - ((4 \times ((5 \times (6! - 7)) - 8!) + 9))) &= ((9 + 8!) \times 7) - ((6! + (5! - (4! / 3)!) / (2 + 1)) \\
 295464 &:= ((1 \times 2 \times (3!^4 \times (5! - 6))) - (7 + 8)) - 9 &= 9 + (((8! - ((7 + (6! + 5!)) \times 4)) \times (3! + 2)) - 1) \\
 295465 &:= 1 \times (((2 + 3!)! - (4 \times (5! + (6! + 7)))) \times 8) + 9 &= (9 - (8 \times (((7 + (6! + 5!)) \times 4) - (3! + 2)!)) \times 1 \\
 295466 &:= 1 + (((2 + 3!)! - (4 \times (5! + (6! + 7)))) \times 8) + 9 &= (9 - (8 \times (((7 + (6! + 5!)) \times 4) - (3! + 2)!)) + 1 \\
 295467 &:= ((1 + 2) \times (3!! - ((4 - 5!) \times (6! + 7)))) + (8! - 9) &= (9 + (8! + ((7 + 6!) \times ((5! \times 4) / 3)))) \times (2 + 1) \\
 295468 &:= (1 + (2 \times ((3!^4 \times (5! - 6)) - (7 + 8)))) + 9 &= (9 \times (8! - 7!)) - ((6! - (5! + 4)) \times (3!^2 + 1)) \\
 295469 &:= 1 + (2 \times ((3!^4 \times (5! - 6)) + (7 - (8 + 9)))) &= (9 \times (8! - ((7! \times 6 - 5!) / 4))) + (3!! / 2 - 1) \\
 295470 &:= ((1 \times 2 + 3!)! \times 4) - ((5 \times 6) \times (7 - 8! / 9)) &= (9 \times (8! - ((7! \times 6 - 5!) / 4))) + (3!! / 2 \times 1) \\
 295471 &:= (1 - 2 \times 3!) \times (4! - (5 + ((6 \times 7! \times 8) / 9))) &= (9 \times (8! - ((7! \times 6 - 5!) / 4))) + (3!! / 2 + 1) \\
 295472 &:= 1 + ((2 \times (3!! - (4 \times ((5 \times (6! - 7)) - 8!)))) - 9) &= (((9 \times ((8 \times 7! + 6!) / 5)) - 4) \times (3! - 2)) \times 1 \\
 295473 &:= (1 + ((23^4) + 5^6 + 7)) + (8 - 9) &= ((9 + 8! \times 7) + (((6! - (5! / 4)) / 3!)^2)) - 1 \\
 295474 &:= ((1 + (2 + 3)!) \times 4) - ((5 \times 6) \times (7 - 8! / 9)) &= (((9 + 8! \times 7) - (6! - 5!)) + (4!^3 + 2)) - 1 \\
 295475 &:= (1 - (2 \times (3 + 4))) \times (5! - ((6! - 7) \times 8) - 9) &= (((9 + 8! \times 7) - (6! - 5!)) + (4!^3 + 2)) \times 1 \\
 295476 &:= (1 + (2 \times ((3!^4 \times (5! - 6)) - 7))) - (8 - 9) &= (((9 + 8! \times 7) - (6! - 5!)) + (4!^3 + 2)) + 1
 \end{aligned}$$

$$\begin{aligned}
 295477 &:= (1 + ((23^4) + (5^6 - (7 - 8)))) + 9 &= 9 \times 8 + (((7 \times 6! - 5!)/4!) \times (3!! \times 2 + 1)) \\
 295478 &:= (((1 + 2) \times (3! + 4)^5) - (6 \times 7)) - 8!/9 &= 9 + ((8! \times 7 + ((6 \times 5) \times ((4! - 3)^2))) - 1) \\
 295479 &:= (1 - (2 \times (3! \times (4! \times (5! - 6)))))) \times ((7 - 8) \times 9) &= (9 \times ((8! + 7) - 6^5)) + (((4 + 3)!/2 \times 1) \\
 295480 &:= (1 + (2^{3!} + 4!)) \times (5! - (6! + ((7! - 8!)/9))) &= (9 + 8! \times 7) + (((6 \times 5) \times ((4! - 3)^2)) + 1) \\
 295481 &:= ((1 + (2 \times (3!^4 \times (5! - 6)))) - 7) + (8 - 9) &= 9 + ((8 + ((7 \times 6!) + 5!)) + (4!^3 \times 21)) \\
 295482 &:= 1 - (((2 \times (3!^4 \times (5! - 6))) - 7) \times (8 - 9)) &= (((9 \times 8) + 7!) - (6 - (5! \times 4!))) \times (3!^2 + 1) \\
 295483 &:= ((1 + 2 \times 3!) \times (4^5 - 6)) + (7 \times 8! + 9) &= ((9 \times (8 \times (76 \times 54))) - 3) - 2 \times 1 \\
 295484 &:= ((12 \times 3!^4) - (5 - (6^7 - 8))) + 9 &= 98 + ((7 \times 6) \times (5! + (((4^3)/2) + 1))) \\
 295485 &:= ((1 + 2) \times (3!! - ((4 - 5!) \times (6! + 7)))) + (8! + 9) &= ((9 + 8! - 7!) \times 6) + (((5! - 4) \times (3!! + 2)) - 1) \\
 295486 &:= (1 + (2 \times ((3!^4 \times (5! - 6)) + 7))) - (8 + 9) &= ((9 + 8! - 7!) \times 6) + ((5! - 4) \times (3!! + 2 \times 1)) \\
 295487 &:= (1 - ((2 + 3!!) \times (4 - 5!))) - (6 \times (7! - 8! - 9)) &= (9 \times (8! - (7! + (6!/5)))) - (((4! \times 3!)^2) + 1) \\
 295488 &:= (1 \times 2 + 3!) \times (((4^{5-6+7}) + 8) \times 9) &= 9 + (((((8! + ((7 - 6!) \times 5)) \times 4) + 3!!) \times 2) - 1) \\
 295489 &:= (1 - (2 \times (3^4 \times 5!))) + ((6^7/8) \times 9) &= (9 \times (8! - (7! + (6!/5)))) - (((4! \times 3!)^2) - 1) \\
 295490 &:= 1 + ((2 \times (3!! - (4 \times ((5 \times (6! - 7)) - 8!)))) + 9) &= 9 + (((((8! + ((7 - 6!) \times 5)) \times 4) + 3!!) \times 2) + 1) \\
 295491 &:= (((1 + 2)!^{3+4}) + 5^6) - (7!/(8 \times 9)) &= (9 + ((8 \times 76) \times ((5! \times 4) + 3!))) - (2 + 1)! \\
 295492 &:= (1 + (2 \times ((3!^4 \times (5! - 6)) - 7))) + (8 + 9) &= (((9 \times (8 \times (76 \times 54))) + 3!) - 2) \times 1 \\
 295493 &:= ((12 \times 3!^4) + 5) - (6^7 \times (8 - 9)) &= ((9 + 8! - 7!) \times 6) - ((5! \times (4! - (3!! + 2))) + 1) \\
 295494 &:= (((1 \times 2 + 3!!) - 4!) \times 5!) - (6 \times (7! - 8! - 9)) &= ((9 + 8! - 7!) \times 6) - (5! \times (4! - (3!! + 2 \times 1))) \\
 295495 &:= (((1 + 2 \times 3!) \times 4^5) + 6) + (7 \times (8! - 9)) &= ((9 + 8! - 7!) \times 6) - ((5! \times (4! - (3!! + 2))) - 1) \\
 295496 &:= 1 - (((2 \times (3!^4 \times (5! - 6))) + 7) \times (8 - 9)) &= 9 - (((8!/7!) - 65) \times ((4! \times 3)^2)) + 1) \\
 295497 &:= 1 \times ((2 \times (3!^4 \times (5! - 6))) - ((7 - 8) \times 9)) &= (9 + (((8! + ((7 - 6!) \times 5)) \times 4) + 3!)) \times 2 - 1) \\
 295498 &:= 1 \times 2 \times (3!! - ((4 \times ((5 \times (6! - 7)) - 8!)) - 9)) &= (9 + (((8! + ((7 - 6!) \times 5)) \times 4) + 3!)) \times 2 \times 1) \\
 295499 &:= 1 \times ((2 \times ((3!^4 \times (5! - 6)) - (7 - 8))) + 9) &= (9 + (((8! + ((7 - 6!) \times 5)) \times 4) + 3!)) \times 2 + 1) \\
 295500 &:= 1 + ((2 \times ((3!^4 \times (5! - 6)) - (7 - 8))) + 9) &= ((9 + 8) \times ((7! + (6! + (5 \times 4))) \times 3)) + ((2 + 1)!)! \\
 295501 &:= ((1 \times 2 \times ((3!^4 \times (5! - 6)) + 7)) + 8) - 9 &= (9 \times (8 \times (76 \times 54))) + (3! \times 2 + 1) \\
 295502 &:= (1 + ((2 \times ((3!^4 \times (5! - 6)) + 7)) + 8)) - 9 &= ((9 + 8!) \times 7) + (((6! - 5!) \times ((4 \times 3!) - 2)) - 1) \\
 295503 &:= 1 - (2 \times (((3!^4 \times (5! - 6)) + 7) \times (8 - 9))) &= (((9 + 8!) \times 7) + ((6 + 5)^4)) - (3!! \times 2 + 1) \\
 295504 &:= (1 - 2 \times 3!) \times ((4! + (5! - (6 \times 7! \times 8)))/9) &= 9 + 8! + ((7! - 6! + 5) \times (((4! + 3!) \times 2) - 1)) \\
 295505 &:= 1 + (2 \times ((3!^4 \times (5! - 6)) + (7 - 8 + 9))) &= 9 - ((8!/7!) \times (((6 - 5!) \times ((4! - 3!)^2)) - 1)) \\
 295506 &:= 1 \times 2 \times ((3!^4 \times (5! - 6)) - ((7 - 8) \times 9)) &= (((9 + 8!) \times 7) - 6!) + ((5! + (4 - 3!)^2)) - 1) \\
 295507 &:= 1 - (2 \times ((3!^4 \times ((5! - 6) \times (7 - 8))) - 9)) &= (((9 + 8!) \times 7) - 6!) + ((5! + (4 - 3!)^2)) \times 1) \\
 295508 &:= 1 \times (2 \times ((3!^4 \times (5! - 6)) - (7 - (8 + 9)))) &= ((9 + 8!) \times 7) - (6! - (((5! + (4 - 3!)^2) + 1)) \\
 295509 &:= (((1 + 2) \times (((3! + 4)^5) - 6)) + 7) - 8!/9 &= (9 + 8! \times 7) + ((6 \times 5) \times (((4! - 3)^2) + 1)) \\
 295510 &:= (1 + (2 \times ((3!^4 \times (5! - 6)) + (7 + 8)))) - 9 &= (-9 + (8 \times ((7! - 6!) - (5^4)))) \times (3^2 + 1) \\
 295511 &:= ((((-1 + 2 \times 3!) \times (4 \times (5 + 6!))) + 7!) \times 8) - 9 &= (9 + 8) \times (((7!/6!)^5) + (4! \times (3 + 21))) \\
 295512 &:= 1 - (2 - ((3^4 \times (5 \times 6! - 7)) + 8!/9)) &= (9 + 8! \times 7) + ((6! + ((5! - 4!/3)^2)) - 1) \\
 295513 &:= (1 + ((2 \times (3!^4 \times (5! - 6))) + (7 + 8))) + 9 &= (9 + 8! \times 7) + (6! + ((5! - 4!/3)^2 \times 1)) \\
 295514 &:= (((1 + 2) \times (3! + 4)^5) - 6) - (7! \times 8/9) &= (9 + 8! \times 7) + (6! + (((5! - 4!/3)^2) + 1))
 \end{aligned}$$

$$\begin{aligned}
 295515 &:= (1 \times 2 + (3^4 \times (5 \times 6! - 7))) + 8!/9 &= (9 \times (8 + 7)) \times (6! + (5 + (4! + (3!! + (2 + 1)!))) \\
 295516 &:= ((1 + 2) + (3^4 \times (5 \times 6! - 7))) + 8!/9 &= ((9 \times ((8 \times (76 \times 54)) + 3)) + 2) - 1 \\
 295517 &:= ((1 + 2) \times ((3! + 4)^5 + (6 - 7))) - 8!/9 &= ((9 \times ((8 \times (76 \times 54)) + 3)) + 2) \times 1 \\
 295518 &:= ((1 - (2 \times (3! + 4!))) \times (5 \times 6 - 7!)) - 8 \times 9 &= (9 \times (8! - 7!)) + ((6 - 5!) \times ((4! \times (3! + 2)) + 1)) \\
 295519 &:= 1 - (2 - ((3^4 \times (5 \times 6!)) - ((7! - 8!)/9))) &= (9 \times (8 \times (76 \times 54))) + (32 - 1) \\
 295520 &:= (1 + ((2 \times ((3!^4 \times (5! - 6)) + 7)) + 8)) + 9 &= (9 \times (8 \times (76 \times 54))) + (32 \times 1) \\
 295521 &:= (1 + (2 + 3!)) - ((4! + 5) \times (6! - (7! + 8!/9))) &= (((9 + 8!) \times 7) - 6!) + ((5! + (4!^3)) - (2 + 1)!) \\
 295522 &:= 1 \times ((2 + (3^4 \times (5 \times 6!))) - ((7! - 8!)/9)) &= (((9 - (8 \times 7)) + 6!) + (543^2)) \times 1 \\
 295523 &:= 1 + ((2 + (3^4 \times (5 \times 6!))) - ((7! - 8!)/9)) &= ((9 \times (8 \times (76 \times 54))) + 3!^2) - 1 \\
 295524 &:= (((1 + 2)! \times 3!) + 4) + ((5 \times (6 + 7)) \times (8!/9)) &= (((((9 + 8!) \times 7) - (6! - 5!)) + (4!^3)) - 2) - 1 \\
 295525 &:= 1 - (2 \times (((3! + 4!) \times (5 - 6!)) + 7! - 8) \times 9)) &= (((((9 + 8!) \times 7) - (6! - 5!)) + (4!^3)) - 2) \times 1 \\
 295526 &:= (((1 + 2) \times (3! + 4)^5) + 6) - (7! \times 8/9) &= (((((9 + 8!) \times 7) - (6! - 5!)) + (4!^3)) - 2) + 1 \\
 295527 &:= (1 + 2) \times ((3!! + (4 \times (5^6))) - (7! - 8! - 9)) &= (((9 + 8!) \times 7) + ((6 - 5!) \times (4 - ((3 + 2)!))) \times 1 \\
 295528 &:= (1 + (((2 + 3)! - 4) \times (5! - 6))) + (7 \times (8! + 9)) &= 9 - ((8 \times (((7!/6 + 5) \times 4) - (3! + 2)!)) + 1) \\
 295529 &:= 1 + (((2 - 3) \times 4) - (5 \times 6!)) \times (7 - 89)) &= ((9 + 8!) \times 7) + (((6! - (5!/4))/3!)^2) + 1 \\
 295530 &:= 1 - ((2 - 3) + ((4 + 5 \times 6!) \times (7 - 89))) &= 9 - ((8 \times (((7!/6 + 5) \times 4) - (3! + 2)!)) - 1) \\
 295531 &:= (((1 + 2) \times ((3! + 4)^5 + 6)) - 7) - 8!/9 &= (((((9 \times 8) + 7) \times 6) \times (5^4)) - (3!! - 2)) - 1 \\
 295532 &:= ((1 + (2 \times 3!^4)) \times (5! - 6)) - (7!/(8 \times 9)) &= (((((9 \times 8) + 7) \times 6) \times (5^4)) - (3!! - 2)) \times 1 \\
 295533 &:= (((1 + 2) \times (3! + 4)^5) + 6) + (7 - 8!/9) &= (((((9 \times 8) + 7) \times 6) \times (5^4)) - (3!! - 2)) + 1 \\
 295534 &:= ((1 + 2)! + ((3!! \times 4! - (5 - 67)) \times (8 + 9))) &= ((9 + 8!) \times 7) + (((6 \times 5) \times ((4! - 3!)^2)) + 1) \\
 295535 &:= (1 \times 2 \times (3!^4 \times (5! - 6))) + ((7 \times 8) - 9) &= 9 - ((8 - (7 \times (6 \times 5))) \times (4! + (3!! \times 2 - 1))) \\
 295536 &:= 1 - ((2 \times (((3! + 4!) \times (5! - 6 - 7!)) + 8)) + 9) &= (9 \times (8! - 7!)) - ((6! \times 5 + 4^3) \times (2 + 1)!) \\
 295537 &:= (((1 + 2 \times 3!) \times 4^5) - 6) + (7 \times 8! - 9) &= (9 + ((8!/7!) + 6!)) \times (((5 \times 4!)/3!)^2) + 1 \\
 295538 &:= ((1 + 2) \times ((3! + 4)^5 + 6)) - (7! \times 8/9) &= (98 + 7!) + ((6! - 5!) \times (4 \times (((3 + 2)! + 1))) \\
 295539 &:= (((1 + 2) \times (3!! + 4!)) - 5) \times 6) + (7 \times (8! - 9)) &= ((9 + 8) \times ((7! - 6! + 5) \times 4)) + 3!! \times 2 - 1 \\
 295540 &:= 1 \times 2 \times (((3! + 4!) \times ((5 + 6!) \times 7)) - 8!/9) &= (((9 + 8) \times ((7! - 6! + 5) \times 4)) + 3!!) + ((2 + 1)!) \\
 295541 &:= 1 + 2 \times 3!! + (4 \times ((5 - 6! + 7!) \times (8 + 9))) &= ((9 + 8) \times ((7! - 6! + 5) \times 4)) + (3!! \times 2 + 1) \\
 295542 &:= (1 + 2) \times ((3! + 4 \times 5) \times (((6 \times 7!)/8) + 9)) &= 9 \times 8 - (7 \times ((6 + 5!) \times (4! - (3!!/2 - 1)))) \\
 295543 &:= 1 - (2 \times ((3! - 45) \times (((6 \times 7!)/8) + 9))) &= ((9 + 8!) \times 7) - ((6! - (5! + (4!/3!)))/(2 + 1)) \\
 295544 &:= (1 - ((2 \times ((3! + 4!) \times (5! - 6 - 7!))) + 8)) - 9 &= ((9 \times ((8 \times (76 \times 54)) + 3!)) + 2) \times 1 \\
 295545 &:= (((1 + 2) \times ((3! + 4)^5 + 6)) + 7) - 8!/9 &= (9 + 8! \times 7) - (6!/5 - ((4!/3!)/(2 + 1))) \\
 295546 &:= 1 \times ((2 \times ((3!^4 \times (5! - 6)) - 7)) + 8 \times 9) &= (-9 - 8) - ((7 - 6!) - ((543^2) + 1)) \\
 295547 &:= (1 + (2 \times ((3!^4 \times (5! - 6)) - 7))) + 8 \times 9 &= 98 + ((7 \times 6!) + ((5 + (4!^3)) \times 21)) \\
 295548 &:= (1 + 2)! \times (((3 + (4 \times (5^6)))/7) + 8! + 9) &= (9 + 8! - (7! - ((6! - 5) \times (4 + 3!!/2)))) - 1 \\
 295549 &:= (((1 + 2 \times 3!) \times 4^5) + 6) + (7 \times 8! - 9) &= (9 + 8! - (7! - ((6! - 5) \times (4 + 3!!/2)))) \times 1 \\
 295550 &:= -1 + (23 - ((4 + 5 \times 6!) \times (7 - 89))) &= (9 + 8! - (7! - ((6! - 5) \times (4 + 3!!/2)))) + 1 \\
 295551 &:= (1 + 2)!! - (((3! - ((4 \times 5!) - 6)) \times (7!/8)) + 9) &= ((9 + 8!) \times 7) + ((6!/5 + (4!^3)) - ((2 + 1)!)) \\
 295552 &:= 1 \times 2 \times (3!! - (4 \times ((5 \times (6! - 7)) - 8! - 9))) &= 9 + ((8 \times (7 - ((6 - 5!) \times ((4! - 3!)^2)))) - 1)
 \end{aligned}$$

$$\begin{aligned}
 295553 &:= 1 - (2^{3!} \times (4! - (5! + (6 \times 7 + 8!/9)))) &= (9 - ((8 - ((7! + (6 - 5!)) \times (4! + 3!))) \times 2)) \times 1 \\
 295554 &:= 1 - ((2 \times (((3! + 4!) \times (5! - 6 - 7!)) + 8)) - 9) &= (9 - ((8 - ((7! + (6 - 5!)) \times (4! + 3!))) \times 2)) + 1 \\
 295555 &:= (((1 + 2 \times 3!) \times 4^5) - 6) + (7 \times 8! + 9) &= 98 + ((7 + (6! + (5! - 4!))) \times (3!/2 - 1)) \\
 295556 &:= 1 - ((2 - ((3 \times 4!) - 5)) \times (67 + 8!/9)) &= 9 + 8! + (((7 + 6!) - 5 \times 4) \times (3!/2 + 1)) \\
 295557 &:= ((1 - (23 \times (4! - 5!))) \times 6) + (7 \times (8! + 9)) &= (9 + ((8! - 7!) \times 6)) + ((5! - 4) \times (3 + (2 + 1)!)) \\
 295558 &:= 1 \times ((2 \times (3!^4 \times (5! - 6))) + (7!/(8 \times 9))) &= ((9 + 8) \times (7 + ((6! + 5) \times 4!))) - (3!/2 + 1) \\
 295559 &:= (1 + (2 \times (3!^4 \times (5! - 6)))) + (7!/(8 \times 9)) &= (9 \times (8! - 7!) - (6! \times (5!/4))) - (3!/2 + 1) \\
 295560 &:= (1 - ((2 \times ((3! + 4!) \times (5! - 6 - 7!))) - 8)) - 9 &= 9 - (8 - (((7!/6 + (5 - 4!)) \times 3!/2) - 1)) \\
 295561 &:= ((1 + 2)!^{3+4}) + (5^{(6 \times (7-8)+9)!}) &= (9 \times (8! - 7!) - (6! \times (5!/4))) - (3!/2 - 1) \\
 295562 &:= (1 - ((2 \times ((3! + 4!) \times (5! - 6 - 7!))) + 8)) + 9 &= 9 - 8 + (((7!/6 + (5 - 4!)) \times 3!/2) + 1) \\
 295563 &:= 1 - (2 \times (((3! + 4!) \times (5! - 6 - 7!)) + (8 - 9))) &= ((9 + 8!) \times 7) + ((6 \times 5) \times (((4! - 3!)^2) + 1)) \\
 295564 &:= (12 \times 3! + 4) \times ((5 \times (6! + 7 \times 8)) + 9) &= (9 + 8! - 7!) + ((6! + (5!/4!)) \times (3!/2 - 1)) \\
 295565 &:= ((12 \times 3!^4) + (5 + 6^7)) + 8 \times 9 &= ((9 + 8! \times 7) - 6!) + ((5! - 4) \times (((3 + 2)!) + 1)) \\
 295566 &:= (1 - ((2 - (3 \times 4! \times 5)) \times (6! - 7))) + (8! - 9) &= ((9 + 8!) \times 7) + ((6! + ((5! - 4!/3)^2)) - 1) \\
 295567 &:= (((1 + 2 \times 3!) \times 4^5) + (6 + 7 \times 8!)) + 9 &= ((9 + 8!) \times 7) + (6! + ((5! - 4!/3)^2 \times 1)) \\
 295568 &:= (1 - (2 \times (((3! + 4!) \times (5! - 6 - 7!)) - 8))) - 9 &= (9 \times ((8! + 7!)/6)) + (((5! \times 4) - 3!)^2 - 1) \\
 295569 &:= (1 + 2)! - (((3! - ((4 \times 5!) - 6)) \times (7!/8)) - 9) &= (9 \times ((8! + 7!)/6)) + (((5! \times 4) - 3!)^2 \times 1) \\
 295570 &:= (((1 + 2)!^{3+4}) - (5^6 \times (7 - 8))) + 9 &= (9 \times ((8! + 7!)/6)) + (((5! \times 4) - 3!)^2 + 1) \\
 295571 &:= (((1 + 2)!^{3+4}) + (5^6 - 7)) + (8 + 9) &= 9 + 8! - 7 + ((6! - (5 + 4)) \times (3!/2 - 1)) \\
 295572 &:= (((1 + 2)^{3!+4}) \times 5) + (6 \times 7 \times 8) - 9 &= (((9 + 8) \times (7! + 6!)) - (5! - (4 + 3!))) \times (2 + 1) \\
 295573 &:= (((1 - (2 \times (3! + 4!))) \times (5 \times 6 - 7!)) - 8) - 9 &= (((98 \times (7 + 6)) \times (5! - 4)) + 3) \times 2 - 1 \\
 295574 &:= 1 \times ((2 \times ((3!^4 \times (5! - 6)) + 7)) + 8 \times 9) &= (9 + (8! \times 7 + 6!)) + (5 \times (((4 + 3)!) / 2) + 1) \\
 295575 &:= (1 + (2 \times ((3!^4 \times (5! - 6)) + 7))) + 8 \times 9 &= ((9 - (8 - 7)))! - ((6! - 5) \times (((4 - 3)!) / 2) + 1) \\
 295576 &:= 1 \times ((23^4) - (5^6 - (7 \times 8!/9))) &= 9 + 8 + (((7!/6 + (5 - 4!)) \times 3!/2) - 1) \\
 295577 &:= ((1 + (23^4)) - 5^6) + (7 \times 8!/9) &= 9 + 8! - 7 - ((6! - 5) \times (((4 - 3)!) / 2) + 1) \\
 295578 &:= (1 - ((2 \times ((3! + 4!) \times (5! - 6 - 7!))) - 8)) + 9 &= 9 + 8 + (((7!/6 + (5 - 4!)) \times 3!/2) + 1) \\
 295579 &:= 1 + (((2 \times (3!^4 + (5 - 6! \times 7))) + 8!) \times 9) &= (((98 \times (7 + 6)) \times (5! - 4)) + 3!) \times 2 - 1 \\
 295580 &:= ((1 + 2) \times 3!) - (4 \times ((5 + 6! - 7!) \times (8 + 9))) &= ((9 + 8) \times ((7! - (6! + 5)) \times 4)) + (3 \times (2 + 1)!)) \\
 295581 &:= (1 - 2 \times 3!) \times ((4 + 5) - ((6 \times 7! \times 8)/9)) &= (((98 \times (7 + 6)) \times (5! - 4)) + 3!) \times 2 + 1 \\
 295582 &:= 1 \times (2 \times ((3!^4 \times (5! - 6)) + ((7 \times 8) - 9))) &= 9 + 8! - (((7 - 6!) \times ((5 \times (4! \times 3)) - 2)) + 1) \\
 295583 &:= 1 + (2 \times ((3!^4 \times (5! - 6)) + ((7 \times 8) - 9))) &= (((9 \times ((8 \times 7! + 6!)/5)) + 4!) \times (3! - 2)) - 1 \\
 295584 &:= (1 - ((2 - (3 \times 4! \times 5)) \times (6! - 7))) + (8! + 9) &= (9 + ((8 + ((7! + (6 - 5!)) \times (4! + 3!))) \times 2)) - 1 \\
 295585 &:= (1 + 2)! - ((3! - ((4! \times (5 + 6!)) - 7)) \times (8 + 9)) &= (9 + ((8 + ((7! + (6 - 5!)) \times (4! + 3!))) \times 2)) \times 1 \\
 295586 &:= (1 - (2 \times (((3! + 4!) \times (5! - 6 - 7!)) - 8))) + 9 &= (9 \times (8 - (((7! - 6^5) \times 4!) - 3!)/2)) - 1 \\
 295587 &:= 1 + (2 \times (((3^4 + 5!) \times (6! - 7)) + 8!/9)) &= (9 \times (8 - (((7! - 6^5) \times 4!) - 3!)/2)) \times 1 \\
 295588 &:= 1 + (((2^{3!+4+5}) + (67 + 8)) \times 9) &= (9 \times (8 - (((7! - 6^5) \times 4!) - 3!)/2)) + 1 \\
 295589 &:= (((1 - (2 \times (3! + 4!))) \times (5 \times 6 - 7!)) + 8) - 9 &= ((9 \times (8^{(7-6) \times 5})) - 43) + ((2 + 1)!)) \\
 295590 &:= (1 - (2 \times (3! + 4!))) \times (5 \times 6 + (7! \times (8 - 9))) &= (9 - 8) \times ((7! - 6 \times 5) \times (((4! + 3!) \times 2) - 1))
 \end{aligned}$$

$$\begin{aligned}
 295591 &:= (((1 - (2 \times (3! + 4!))) \times (5 \times 6 - 7!)) - 8) + 9 &= (9 \times (8! - (7! + 6))) - ((5^4) \times (3!^2 - 1)) \\
 295592 &:= (((1 + (2 \times 3!^4)) \times (5! - 6)) + (7 - 8)) - 9 &= ((9 + 8! - ((7!/6 + 5) \times 4)) \times (3! + 2)) \times 1 \\
 295593 &:= ((1 + (2 \times 3!^4)) \times (5! - 6)) + ((7 - 8) \times 9) &= ((9 + 8! - ((7!/6 + 5) \times 4)) \times (3! + 2)) + 1 \\
 295594 &:= (((1 + (2 \times 3!^4)) \times (5! - 6)) - (7 - 8)) - 9 &= (9 \times ((8^{(7-6) \times 5} - 4)) + (3!! - (2 \times 1))) \\
 295595 &:= ((1 + (2 \times 3!^4)) \times (5! - 6)) + (7 \times (8 - 9)) &= (9 \times ((8^{(7-6) \times 5} - 4)) + (3!! - (2 - 1))) \\
 295596 &:= (1 \times 2 \times (3 + (4 \times 5!))) \times ((6 \times 7 - 8) \times 9) &= (9 + 8 - (7!/6 + 5)) \times (((4 - 3!)/2) + 1) \\
 295597 &:= 1 - ((2 \times 34) \times (5! + ((6 + 7) - 8!/9))) &= (9 \times ((8^{(7-6) \times 5} - 4)) + (3!! + (2 - 1))) \\
 295598 &:= ((1 + 2)! + 3!!) + ((4 - (5 \times 6!)) \times (7 - 89)) &= (9 \times ((8^{(7-6) \times 5} - 4)) + (3!! + 2 \times 1)) \\
 295599 &:= (((1 + 2) \times (3!! + 4!)) + 5) \times 6 + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - 6!/5) + ((4!/3!)/(2 + 1)) \\
 295600 &:= 1 \times (((2 \times 3!! - 4^5) \times 6!) + ((7! - 8!)/9)) &= (9 \times (8! - 7!)) - (6! + ((5 \times 4^3!) + (2 + 1)!)) \\
 295601 &:= 1 + (((2 \times 3!! - 4^5) \times 6!) + ((7! - 8!)/9)) &= (-9 \times 8) - (7 \times (6! + ((5! \times ((4 - 3!)/2) + 1))) \\
 295602 &:= (1 + (2 \times 3!^4)) \times ((5 \times (6 + (7 + 8))) + 9) &= ((9 + 8! - 7!) \times 6) + ((5! - 4) \times (3 + (2 + 1)!)) \\
 295603 &:= (1 - 2 \times 3!) \times (\sqrt{4} + 5 - 6 \times (7! \times 8/9)) &= (9 - (8 - 76)) \times ((5 \times (4! \times 32)) - 1) \\
 295604 &:= (12 + 3!!) + ((4 - (5 \times 6!)) \times (7 - 89)) &= 9 - (8 + ((7 + (6! + 5!)) \times (((4! - 3!)/2) - 1))) \\
 295605 &:= 1 \times (((2 \times 3!^4) + (5 + (6 \times 7! + 8))) \times 9) &= ((9 \times (8^{(7-6) \times 5}) - (4! - (3!! - 2))) - 1) \\
 295606 &:= 1 - ((2 + (((3!! \times 4! - 5!) - 6^7)/8)) \times 9) &= ((9 \times (8^{(7-6) \times 5}) - (4! - (3!! - 2))) \times 1) \\
 295607 &:= (((1 - (2 \times (3! + 4!))) \times (5 \times 6 - 7!)) + 8) + 9 &= ((9 \times (8^{(7-6) \times 5}) - (4! - (3!! - 2))) + 1) \\
 295608 &:= ((1 - (2 \times 3^4)) \times 5!) + ((6^7/8) \times 9) &= (9 + (8 + 7)) \times ((6 \times (5 + (4^3!/2))) - 1) \\
 295609 &:= (((1 + 2 \times 3!) \times 4^5) - 6) + (7 \times (8! + 9)) &= 9 + (8 \times (((7! - 6!) - (5^4)) \times (3^2 + 1))) \\
 295610 &:= 1 + ((2 \times ((3!^4 \times (5! - 6)) + 7 \times 8)) + 9) &= ((9 \times (8^{(7-6) \times 5}) - (4! - (3!! + 2))) \times 1) \\
 295611 &:= ((1 + 2 \times 3!) - (4 \times 5!)) \times (6 - (7!/8 + 9)) &= ((9 \times (8^{(7-6) \times 5}) - (4! - (3!! + 2))) + 1) \\
 295612 &:= (((1 + (2 \times 3!^4)) \times (5! - 6)) - (7 - 8)) + 9 &= (((-9 - 8) \times (((7 - 6!) \times 5) - 4!^3)) - 2) + 1 \\
 295613 &:= 1 \times ((2 + (3!! \times 4! + (5! - (6 + 7)))) \times (8 + 9)) &= ((9 + 8!) \times 7) - ((6 - (5! - 4)) \times (((3 + 2)! + 1)) \\
 295614 &:= (1 - 2 \times 3!) \times (4! - ((5! + (6 \times (7 + 8!)))/9)) &= (9 \times (((8!/7 + 6) \times 5) + 4^3!)) - ((2 + 1)! \\
 295615 &:= 1 \times (((2 + 3!)! - ((4 \times (5! + 6!)) + 7) \times 8) - 9) &= (9 \times (8! - 7!)) - (((6!/5 + (4!/3!))^2) + 1) \\
 295616 &:= 1 + (((2 + 3!)! - ((4 \times (5! + 6!)) + 7) \times 8) - 9) &= (9 \times (8! - 7!)) - ((6!/5 + 4^{3!/(2+1)}) \\
 295617 &:= 1 \times (((2 + 3!)!/(4 + 5) - 6) + (7 \times (8! - 9))) &= (9 \times (8! - 7!)) - (((6!/5 + (4!/3!))^2) - 1) \\
 295618 &:= 1 \times (2 \times ((3!^4 \times (5! - 6)) - (7 - 8 \times 9))) &= ((9 \times 8) + 7) \times ((6 \times (5^4)) - (3! + 2 \times 1)) \\
 295619 &:= 1 + (2 \times ((3!^4 \times (5! - 6)) - (7 - 8 \times 9))) &= (((9 + 8!) \times 7) - 6!) + ((5! - 4) \times (((3 + 2)! + 1)) \\
 295620 &:= (((1 + 2)^{3!}) + 4! + 5) \times (6 \times ((7 \times 8) + 9)) &= 9 + (8 - ((7 + (6! + 5!)) \times (((4! - 3!)/2) - 1))) \\
 295621 &:= (((1 + 2 \times 3!) \times (4^5 + 6)) + 7 \times 8!) - 9 &= (98 \times (7 + 6!)) + ((5^4) \times (3!!/2 - 1)) \\
 295622 &:= 1 - (2 + (((3!! \times 4! - 5!) - 6^7)/8) \times 9) &= (((9 + 8!) \times 7) - (6! \times (5 - 4!))) - (3!!/2 + 1) \\
 295623 &:= ((1 + 2) \times ((3!! + 4) \times 5!)) + ((6^7/8) - 9) &= (((9 + 8!) \times 7) - (6! \times (5 - 4!))) - (3!!/2 \times 1) \\
 295624 &:= (((1 + 2)! + ((3 \times 4^5)/6) \times 7) + 8!/9 &= (((9 + 8!) \times 7) - (6! \times (5 - 4!))) - (3!!/2 - 1) \\
 295625 &:= 1 \times (2 - (((3!! \times 4! - 5!) - 6^7)/8) \times 9) &= 9 - (8 \times ((7 + ((6! + 5!) \times 4)) - ((3! + 2)! - 1))) \\
 295626 &:= 1 + (2 - (((3!! \times 4! - 5!) - 6^7)/8) \times 9) &= ((9 \times (8^{(7-6) \times 5}) - (4 - 3!)) - 2 \times 1) \\
 295627 &:= 1 - (((2 + (3!!/4)) \times 5!) + (((6 + 7!) - 8!) \times 9)) &= ((9 \times (8^{(7-6) \times 5}) - 4) + (3!! - (2 - 1))) \\
 295628 &:= 1 \times (2 \times ((3!^4 \times (5! - 6)) + (7!/(8 \times 9)))) &= (((9 + 8!) \times 7) + 6!) + (5 \times (((4 + 3)!/2) + 1))
 \end{aligned}$$

$$\begin{aligned}
 295629 &:= 1 + (2 \times ((3!^4 \times (5! - 6)) + (7! / (8 \times 9)))) &= ((9 \times (8^{(7-6) \times 5})) - 4) + (3!! + (2 - 1)) \\
 295630 &:= 1 \times 2 \times (((3!! / 4) + 5) \times (6! + (7 + 8 \times 9))) &= (9 \times (((8! + 7! / 6) / 5) \times 4)) - (3!! + 2 \times 1) \\
 295631 &:= (((1 + 2)!^{3+4}) + 5^6) + (7! / (8 \times 9)) &= (9 \times ((8 + 7!) \times 6)) + ((5! \times (4! \times (3! + 2))) - 1) \\
 295632 &:= 1 \times 2 \times ((3!! \times 4! - ((5! - (6 + 7)) \times 8)) \times 9) &= 9 + (((8! - (7 + ((6! + 5!) \times 4))) \times (3! + 2)) - 1) \\
 295633 &:= 1 \times (((2 + 3!)! - ((4 \times (5! + 6!)) + 7)) \times 8) + 9 &= (9 \times ((8 + 7!) \times 6)) + ((5! \times (4! \times (3! + 2))) + 1) \\
 295634 &:= 1 + (((2 + 3!)! - ((4 \times (5! + 6!)) + 7)) \times 8) + 9 &= 9 - ((8 \times ((7 + ((6! + 5!) \times 4)) - (3! + 2)!)) - 1) \\
 295635 &:= (1 + 2) - ((3!! + ((4 + (5! + 6! - 7!)) \times 8)) \times 9) &= ((9 \times (8^{(7-6) \times 5})) + 4) + (3!! - (2 - 1)) \\
 295636 &:= (1 + 2)! - ((3 - ((4! \times (5 + 6!)) - 7)) \times (8 + 9)) &= ((9 \times (8^{(7-6) \times 5})) + (4 + 3!!)) \times (2 - 1) \\
 295637 &:= ((12 \times (3!^4 + 5)) + 6^7) + 89 &= ((9 \times (8^{(7-6) \times 5})) + (4 + 3!!)) + (2 - 1) \\
 295638 &:= (1 + 2)! - ((3!! + ((4 + (5! + 6! - 7!)) \times 8)) \times 9) &= ((9 \times (8^{(7-6) \times 5})) + (4 + 3!!)) + (2 \times 1) \\
 295639 &:= (((1 + 2 \times 3!) \times (4^5 + 6)) + 7 \times 8!) + 9 &= (9 \times (8! - 7!)) - (6 + ((5^4) \times (3!^2 - 1))) \\
 295640 &:= 1 - (2 - (((3!! \times 4! + 5^6) - (7 \times 8)) \times 9)) &= 9 + (((((8 \times 7! + 6!) / 5) + 4) \times (3!^2)) - 1) \\
 295641 &:= ((1 + 2) \times ((3!! + 4) \times 5!)) + ((6^7 / 8) + 9) &= ((9 + 8!) \times 7) + ((6 - 5!) \times (4 - (((3 + 2)!) + 1))) \\
 295642 &:= (1 + 2)!! - (3!! \times 4 - (5^6 + (7 \times (8! - 9)))) &= 9 + (((((8 \times 7! + 6!) / 5) + 4) \times (3!^2)) + 1) \\
 295643 &:= 1 \times (2 + (((3!! \times 4! + 5^6) - (7 \times 8)) \times 9)) &= ((9 + 8! \times 7) - 6) - ((5! - (4! / 3!)) / (2 + 1)) \\
 295644 &:= 1 + (2 + (((3!! \times 4! + 5^6) - (7 \times 8)) \times 9)) &= (((9 \times 8) + 7!) / 6) \times (((5! - 4) \times 3) - (2 - 1)) \\
 295645 &:= 1 - ((2 - (3!! - 4!)) \times (5! + ((6 \times 7 - 8) \times 9))) &= (9 \times (8! - (7 \times 6!))) - ((5^4) \times (3!^2 - 1)) \\
 295646 &:= 1 \times (2 \times ((3!^4 \times (5! - 6)) + (7 + 8 \times 9))) &= -9 + (((87 + 6!) + (543^2)) - 1) \\
 295647 &:= 1 + (2 \times ((3!^4 \times (5! - 6)) + (7 + 8 \times 9))) &= ((9 + 8)^{7! / 6! - 5}) \times ((4^{3+2}) - 1) \\
 295648 &:= 1 - ((2 - ((3! \times (4 \times (5 + 6!))) - 7)) \times (8 + 9)) &= 9 \times 8 + ((7 + 6!) + (543^2 \times 1)) \\
 295649 &:= (((1 + (2 \times 3!^4)) \times (5! - 6)) + 7 \times 8) - 9 &= (9 \times (8! - (7! + 6 + 5!))) - (((4! \times 3!)^2) + 1) \\
 295650 &:= (1 + 2)! \times ((3 \times 4!) - ((5 + 6) \times (7 - 8! / 9))) &= (9 \times (8! - (7! + 6 + 5!))) - ((4! \times 3!)^2 \times 1) \\
 295651 &:= (1 - ((2 \times 3!)^4)) - ((5! + ((6 + 7!) - 8!)) \times 9) &= (9 \times (8! - 7!)) + (6 - ((5^4) \times (3!^2 - 1))) \\
 295652 &:= 1 \times 2 - (((3^4 \times (5 \times 6)) + 7! - 8!) \times 9) &= -9 \times 8 - 7! + (65 + \sqrt{4})^3 + 2 - 1 \\
 295653 &:= (((((1 + 2) \times (3!! + 4!)) + 5) \times 6) + 7 \times 8!) - 9 &= ((9 \times (8^{(7-6) \times 5})) + (4! + 3!!)) - (2 + 1) \\
 295654 &:= (1 + (2 \times ((3!^4 \times (5! - 6)) + 78))) + 9 &= ((9 \times (8^{(7-6) \times 5})) + (4! + 3!!)) - 2 \times 1 \\
 295655 &:= 1 - (2 + (3! \times (4 - ((5 + 6) \times (7! \times 8 / 9)))) &= ((9 \times (8^{(7-6) \times 5})) + (4! + 3!!)) - (2 - 1) \\
 295656 &:= (1 + 2)! - (((3^4 \times (5 \times 6)) + 7! - 8!) \times 9) &= (9 \times (8! - 7!)) - (6 \times ((5 \times ((4! + 3!)^2)) - 1)) \\
 295657 &:= (((1 + 2)!^{3+4}) + 5^6) + (7 + 89) &= ((9 \times (8^{(7-6) \times 5})) + (4! + 3!!)) + (2 - 1) \\
 295658 &:= 1 \times 2 - (3! \times (4 - ((5 + 6) \times (7! \times 8 / 9)))) &= ((9 \times (8^{(7-6) \times 5})) + (4! + 3!!)) + (2 \times 1) \\
 295659 &:= 1 \times (((2 + 3!! \times 4!) + 5^6) - (7 \times 8)) \times 9 &= (9 + 8! \times 7) + (((6 \times (5^4)) + 3!!) \times (2 + 1)) \\
 295660 &:= 1 + (((2 + 3!! \times 4!) + 5^6) - (7 \times 8)) \times 9 &= (9 \times ((8 + 7) \times 6)) + ((543^2) + 1) \\
 295661 &:= -1 + (2 \times (((3!! + (4 \times (5! - 6! + 7!))) \times 8) - 9)) &= 98 - ((7 - 6!) - ((543^2) + 1)) \\
 295662 &:= ((1 - (2 \times (3! + 4!))) \times (5 \times 6 - 7!)) + 8 \times 9 &= 9 \times 8 + ((7! - 6 \times 5) \times (((4! + 3!) \times 2) - 1)) \\
 295663 &:= 1 - (2 \times (((3!! - (4 \times (5! + 6!))) \times 7 \times 8) + 9)) &= (9 \times 8 \times (7! - 6!)) - (((5! + (4! / 3!))^2) + 1) \\
 295664 &:= ((1 + 2)! \times (3!! + 4!)) + ((5 \times (6 + 7)) \times (8! / 9)) &= (9 \times 8 \times (7! - 6!)) - ((5! + 4)^{3! / (2+1)}) \\
 295665 &:= 1 - ((2 + 3!) \times ((4 \times (5! + 6!)) - (7 + 8! - 9))) &= (9 \times 8 \times (7! - 6!)) - (((5! + (4! / 3!))^2) - 1) \\
 295666 &:= (((12^3) \times 4!) + (5! + 6)) \times 7 + 8! / 9 &= ((9 \times ((8^{(7-6) \times 5}) + 4)) + 3!!) - 2 \times 1
 \end{aligned}$$

$$\begin{aligned}
 295667 &:= (((1 + (2 \times 3!^4)) \times (5! - 6)) + 7 \times 8) + 9 &= (9 \times ((8^{(7-6) \times 5}) + 4)) + (3!! - (2 - 1)) \\
 295668 &:= (((1 + 2) \times (3!! + 4)) + 5!) \times (((6 + 7) - 8)!) + 9 &= (((9 + ((8 \times 7! + 6!)/5)) - 4) \times 3!) \times (2 + 1)! \\
 295669 &:= (1 - 2 \times 3!) \times (((4 + 5) - (6 \times 7! \times 8))/9) &= (9 \times ((8^{(7-6) \times 5}) + 4)) + (3!! + (2 - 1)) \\
 295670 &:= (1 - 2 \times 3!) + (((4! \times (5 + 6!)) - 7) \times (8 + 9)) &= ((9 \times ((8^{(7-6) \times 5}) + 4)) + 3!!) + (2 \times 1) \\
 295671 &:= (((((1 + 2) \times (3!! + 4!)) + 5) \times 6) + 7 \times 8!) + 9 &= ((9 + 8!) \times 7) + (6! + ((5! + 4^{3!}) \times (2 + 1))) \\
 295672 &:= ((1 + (2 \times 3!^4)) \times (5! - 6)) + (7!/(8 \times 9)) &= 9 + ((8 \times ((7! \times ((6 + 5) \times 4))/3!) - 2)) - 1) \\
 295673 &:= 1 \times (2 - (((3 \times 4!) - 5) \times (67 - 8!/9))) &= 9 + (8 \times (((7! \times ((6 + 5) \times 4))/3!) - (2 \times 1))) \\
 295674 &:= (1 + 2)! \times ((3 - 4) + ((5 + 6) \times (7! \times 8/9))) &= 9 - (8 + (7 \times (6! + ((5! \times ((4 - 3!)/2)) + 1)))) \\
 295675 &:= (1 - (((2 + (3!!/4)) \times 5!) + 6)) - ((7! - 8!) \times 9) &= 9 \times 8 - ((7 + (6! + 5!)) \times (((4! - 3!)/2) - 1)) \\
 295676 &:= 1 \times (2 - (3! - ((4 - (5 - 67)) \times (8!/9)))) &= (((-9 \times 8) + 7!)/6) + ((543^2) - 1) \\
 295677 &:= (((1 + 2)^{3!+4}) \times 5) + ((6!/(7 + 8)) \times 9) &= (9 \times ((8^{(7-6) \times 5}) + 4)) + (3^{(2+1)!}) \\
 295678 &:= (((1 + ((2 + 3)! \times (4^5 - 6!))) \times 7) + 8!) - 9 &= ((9 + 8! \times 7) - 6) - (5 - ((4!/3!)/(2 + 1))) \\
 295679 &:= ((1 + 2)!)! + (((3! \times 4^5 \times 6) + 7) \times 8) - 9 &= 9 - (((8 - 7!) \times 6) + 5^4) \times (3^2 + 1) \\
 295680 &:= ((1 \times 2 + 3!)! \times 4) - (5! \times ((6 \times 7! - 8!)/9)) &= (9 \times 8!/7! + (6! - 5!)) \times (((4! - 3!)^2) - 1) \\
 295681 &:= (1 + ((2 + 3)! \times 4)) - (5! \times ((6 \times 7! - 8!)/9)) &= (9 \times (8! - 7!)) - (((6! + 5!) \times ((4 \times 3!) + 2)) - 1) \\
 295682 &:= 1 - ((2 - 3) - ((4 - (5 - 67)) \times (8!/9))) &= 9 - ((8 + (7 \times (6! + (5! \times ((4 - 3!)/2)))) - 1) \\
 295683 &:= (1 + 2) \times (((3 + 4) + 5!) \times (6! + 7 \times 8)) + 9 &= ((9 + 8! \times 7) - 6!/5!) + ((4!/3!)/(2 + 1)) \\
 295684 &:= ((1 + (2 + 3)!)! \times 4) - (5! \times ((6 \times 7! - 8!)/9)) &= ((9 + (8! \times 7!/6!)) - 5) + ((4!/3!)/(2 + 1)) \\
 295685 &:= 1 - (2 - (3! + ((4 - (5 - 67)) \times (8!/9)))) &= (9 + 8 \times 7) \times ((65 \times ((4! \times 3) - 2)) - 1) \\
 295686 &:= (1 + 2) \times ((3!! \times (4! + 5!)) - (6 + (7! + 8 \times 9))) &= (9 \times (((8! + (7! + (6! \times 5!)))/4) - 3!)) - ((2 + 1)!)! \\
 295687 &:= (1 - (((2 + (3!!/4)) \times 5!) - 6)) - ((7! - 8!) \times 9) &= (9 + (8 \times ((7! \times ((6 + 5) \times 4))/3!))) - 2 \times 1 \\
 295688 &:= ((1 + (2 + 3)!)! - (4 \times (5! + 6!))) \times (7 - 8 + 9) &= (9 + 8! \times 7) + (((6! + 5!) \times (4! - (3! + 2))) - 1) \\
 295689 &:= (((1 + 2) \times 3!! + 4) \times 5!) + 6! - (7! - 8! - 9) &= ((9 + 8! \times 7) - 6!) + (((5! - (4 - 3!)^2) - 1) \\
 295690 &:= 1 - ((2 \times ((3!! - (4 \times (5! + 6!))) \times 7 \times 8)) - 9) &= (9 + (8 \times ((7! - 6!) - (5^4)))) \times (3^2 + 1) \\
 295691 &:= (1 - 2 \times 3!) \times (4 - 5 - ((6 \times 7! \times 8)/9)) &= (9 + 8! \times 7) - (6! - (((5! - (4 - 3!)^2) + 1)) \\
 295692 &:= (1 - 2 - 3^4) \times (5! - (6 \times (7!/8 - 9))) &= (9 + ((8 \times ((7! \times ((6 + 5) \times 4))/3!)) + 2)) + 1 \\
 295693 &:= ((1 - ((2 + 3)!/(4! - 5!))) \times (6! - 7)) - 8!/9 &= (((9 \times ((8!/7 + 6!) \times 5)) + 4^{3!}) - 2) - 1 \\
 295694 &:= 1 + 2 \times 3! + (((4! \times (5 + 6!)) - 7) \times (8 + 9)) &= (((9 \times ((8!/7 + 6!) \times 5)) + 4^{3!}) - 2) \times 1 \\
 295695 &:= (((1 + 2)!^3) \times (4! - (5 - (6! + 7!/8)))) - 9 &= (((9 \times ((8!/7 + 6!) \times 5)) + 4^{3!}) - 2) + 1 \\
 295696 &:= 1 - (((2 + 3!) \times 4^5) - (6! + 7 + 8!)) \times 9 &= 9 + (8 - ((7 \times (6! + (5! \times ((4 - 3!)/2)))) + 1)) \\
 295697 &:= 1 - ((2 + 3!) \times ((4 \times (5! + 6!)) + (7 - 8! - 9))) &= (9 \times ((8!/7 + 6!) \times 5)) + (4^{3!} + (2 - 1)) \\
 295698 &:= 1 \times (2 \times (((3!! + (4 \times (5! - 6! + 7!))) \times 8) + 9)) &= (9 + 8! \times 7) - (6 - (((5! - (4!/3!))^2) - 1)) \\
 295699 &:= 1 + (2 \times (((3!! + (4 \times (5! - 6! + 7!))) \times 8) + 9)) &= (9 \times (8! - (7! - 6!))) - ((5^4) \times (3!^2 - 1)) \\
 295700 &:= ((((-1 - 2) \times 3!!) + 4) + (5^6 + 7 \times 8!)) - 9 &= (9 + 8! \times 7) - (6 - (((5! - (4!/3!))^2) + 1)) \\
 295701 &:= (-12 \times (((3^4 - (5 \times 6!)) \times 7) - 8)) + 9 &= ((9 + 8!) \times 7) - (((6 + 5!) - (4!/3!)/(2 + 1)) \\
 295702 &:= (-1 + ((23 \times 4^5) + (6 \times (7! + 8!)))) - 9 &= (9 + ((8! + (7 \times ((6 + 5)^4 + 3!))) \times 2)) - 1 \\
 295703 &:= 1 - (2 - (3! \times (4 + ((5 + 6) \times (7! \times 8/9)))) &= (9 \times (8! - ((7 \times 6!) + 5!))) - (((4! \times 3!)^2) + 1) \\
 295704 &:= ((1 + (2 \times (3!! + 4!))) - 5!) \times (6! - (7 \times 8 \times 9)) &= (9 \times ((8! - 7) - 6^5)) + ((4 \times (3!! - 2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 295705 &:= (1 - ((2 \times 3!)^4)) - ((5! + (6! \times 7 - 8!)) \times 9) &= (9 \times (8! - ((7 \times 6!) + 5!))) - (((4! \times 3!)^2) - 1) \\
 295706 &:= 1 \times 2 - ((3!! + (4! + ((5! - 6!) \times 7 \times 8))) \times 9) &= (9 \times ((8! - 7) - 6^5)) + ((4 \times (3!! - 2)) + 1) \\
 295707 &:= (1 + 2) - ((3!! + (4! + ((5! - 6!) \times 7 \times 8))) \times 9) &= 9 - (((8 \times 7) - (6! + 5)) \times (((4! - 3!)^2) + 1)) \\
 295708 &:= (1 + 2)^3 + (((4! \times (5 + 6!)) - 7) \times (8 + 9)) &= (((98/7) - (6! + 5!)) \times ((4 - 3!)/2)) \times 1 \\
 295709 &:= (1 - (2 \times (3!! - ((4! + 5) \times (6 + 7!)))) + 8!/9 &= (9 \times ((8! - 7) - 6^5)) + (4 \times (3!! - (2 - 1))) \\
 295710 &:= (1 + 2)! - ((3!! + (4! + ((5! - 6!) \times 7 \times 8))) \times 9) &= (9 + 8! \times 7) + ((6 + ((5! - (4!/3!))^2)) - 1) \\
 295711 &:= (((1 + 2)! \times ((3 + 4^5) \times 6) - 7) \times 8) - 9 &= ((9 \times ((8! - 7) - 6^5)) + (4 \times 3!! - 2)) \times 1 \\
 295712 &:= (((1 - 23) \times 4^5) + 6!) - ((7! - 8!) \times 9) &= (9 + 8! \times 7) + (6 + (((5! - (4!/3!))^2) + 1)) \\
 295713 &:= 1 \times (((2 - 3!!) \times 4!) - 5^6) \times ((7 - 8) \times 9) &= (9 + 8! \times 7) - ((6! \times (5 - 4!)) + (3!^{2+1})) \\
 295714 &:= 1 + (((2 - 3!!) \times 4!) - 5^6) \times ((7 - 8) \times 9) &= (9 \times ((8! - 7) - 6^5)) + ((4! \times ((3 + 2)!)) + 1) \\
 295715 &:= (1 - (2 + 3)!) \times ((4 \times (5 + 6 - 7!/8)) - 9) &= ((9 \times ((8! - 7) - 6^5)) + (4 \times 3!)) + (2 \times 1) \\
 295716 &:= (1 + 2)! \times (3! + ((4 - ((5 - 6) \times 7)) \times (8!/9))) &= (9 + (8!/(7!/6))) \times ((5 + ((4! \times 3!)^2)) - 1) \\
 295717 &:= (12 \times 3) + (((4! \times (5 + 6!)) - 7) \times (8 + 9)) &= (9 \times ((8 + 7!) \times 6)) + ((5^4) \times (3!^2 + 1)) \\
 295718 &:= (((12 \times 34) \times (5 + 6!)) + 7) - 89 &= -9 - (((8 - (7 \times (6 \times 5))) \times (4! + 3!! \times 2)) + 1) \\
 295719 &:= 1 \times (((2 \times 3!! + 4!) \times (5 \times 6 \times 7 - 8)) - 9) &= ((9 \times ((8! - 7) - 6^5)) + (4 \times 3!)) + (2 + 1)! \\
 295720 &:= 1 + (((2 \times 3!! + 4!) \times (5 \times 6 \times 7 - 8)) - 9) &= ((9 \times ((8! - 7) - 6^5)) + (4 \times (3!! + 2))) - 1 \\
 295721 &:= ((1 + (2 \times 3!^4)) \times (5! - 6)) + (7 \times (8 + 9)) &= ((9 \times ((8! - 7) - 6^5)) + (4 \times (3!! + 2))) \times 1 \\
 295722 &:= (1 + 2) \times ((3!! \times (4! + 5!)) + (6 - (7! + 8 \times 9))) &= ((9 \times ((8! - 7) - 6^5)) + (4 \times (3!! + 2))) + 1 \\
 295723 &:= 1 - (((2 - 3!!) \times 4!) - (5^6 - (7 - 8))) \times 9 &= ((9 + 8! \times 7) - 6) + ((5! + (4!/3!))/(2 + 1)) \\
 295724 &:= (1 - 2 \times 3!) \times ((4 - ((5 + 6 \times 7!) \times 8))/9) &= ((9 \times 8) - ((7 - (6! - 5!)) \times 4)) \times (((3 + 2)! + 1) \\
 295725 &:= (((1 + 2) \times (3!! + 4!)) + 5) \times 6 + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + (6 \times (5 + ((4! + 3!!) \times (2 + 1)))) \\
 295726 &:= 1 \times (2 \times ((3!^4 \times (5! - 6)) + (7 \times (8 + 9)))) &= (-9 + 8! \times 7) - (6 - (((5!/4)^3)/2) + 1) \\
 295727 &:= 1 \times (((2 + 3!)! - ((4 \times (5! + 6!)) - 7) \times 8) - 9) &= (9 + 8! \times 7) - ((6 - (5! + (4!/3!)))/(2 + 1)) \\
 295728 &:= 1 + (((2 + 3!)! - ((4 \times (5! + 6!)) - 7) \times 8) - 9) &= (9 \times ((8 + (7! \times 6)) - 5!)) + (4^3! \times (2 + 1)!) \\
 295729 &:= 1 \times ((2 + 3^4) \times ((5 \times (6! + 7)) - 8 \times 9)) &= (9 + (8! \times 7!/6!)) + ((5! + (4!/3!))/(2 + 1)) \\
 295730 &:= 1 - (2 + (3^4 \times (5! - (((6 \times 7!)/8) - 9)))) &= (98 - 7!) + ((6! \times 5! + (4!^3)) \times (2 + 1)) \\
 295731 &:= (1 - 2) \times (3^4 \times (5! - (((6 \times 7!)/8) - 9))) &= (9 \times ((8! + (7! + (6! \times 5!)))/4)) - (3^{(2+1)!}) \\
 295732 &:= (((1 + 2)! \times 3!!) + 4! + 5) \times (67 - 8 + 9) &= 9 + (8 + ((7 - (6! + 5!)) \times (4 - (3!!/2 - 1)))) \\
 295733 &:= 1 \times (2 - (3^4 \times (5! - (((6 \times 7!)/8) - 9)))) &= ((9 + 8!) \times 7) - (((6 \times 5) - (4!/3!))/(2 + 1)) \\
 295734 &:= 1 + (2 - (3^4 \times (5! - (((6 \times 7!)/8) - 9)))) &= ((9 \times ((8! + (7! + (6! \times 5!)))/4)) - 3!!) - (2 + 1)! \\
 295735 &:= (1 - ((2 + (3!!/4)) \times 5!)) + ((6 - (7! - 8!)) \times 9) &= (9 + 8! \times 7 + 6) + ((5! + (4!/3!))/(2 + 1)) \\
 295736 &:= ((-1 + (((2 \times 3)!) + 4!)) \times (56 \times 7)) + 8!/9 &= 9 - (((8 - (7 \times (6 \times 5))) \times (4! + 3!! \times 2)) + 1) \\
 295737 &:= 1 \times (((2 \times 3!! + 4!) \times (5 \times 6 \times 7 - 8)) + 9) &= ((9 + (8! \times 7 + 6!)) + ((5! - (4 + 3))^2)) - 1 \\
 295738 &:= 1 + (((2 \times 3!! + 4!) \times (5 \times 6 \times 7 - 8)) + 9) &= 9 - (((8 - (7 \times (6 \times 5))) \times (4! + 3!! \times 2)) - 1) \\
 295739 &:= ((1 + 2) \times (((3! \times 4! - 5) \times 6!) - 7)) - 8!/9 &= (9 \times (8! - 7!)) + (6! - (((5 \times (4! + 3!))^2) + 1)) \\
 295740 &:= ((1 + 2)! \times 3!!) - (((4 \times (5 + 6!)) + 7! - 8!) \times 9) &= (9 \times (8 \times 7 + 6)) \times (((5 \times 4) + 3)^2) + 1) \\
 295741 &:= (1 - ((2 + (3!! + 4)) \times (5 \times 6))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) + (6! - (((5 \times (4! + 3!))^2) - 1)) \\
 295742 &:= 1 \times (2 + (3 \times ((4 + 5!) \times (6 + 789)))) &= 9 + (((8! \times 7) - 6) + (((5!/4)^3)/2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 295743 &:= (((1+2)^{3!+4}) \times 5) - 6) + (7 \times 8 \times 9) &= ((9 \times ((8! + (7! + (6! \times 5!))))/4) - (3!! - 2)) + 1 \\
 295744 &:= 1 - (((2-3!) \times (4 \times (5! + 6!))) - (7 \times (8! + 9))) &= (9 + 8! \times 7) - (6 - (((5!/4)^3)/2) + 1) \\
 295745 &:= 1 - (2^{3!} \times (4! - (5 + 6! - ((7! - 8!)/9)))) &= (9 + 8! \times 7) - (((6 - ((5!/4)^3))/2) + 1) \\
 295746 &:= ((1 - (2 + 3!) \times 4!) \times (5! - 6)) - ((7! - 8!) \times 9) &= ((9 + 8! \times 7) - ((6 - ((5!/4)^3))/2)) \times 1 \\
 295747 &:= 1 + (((2 \times (3 + 4!)) - 5!) \times ((6 - 7) - 8!/9)) &= 9 + ((8! \times 7) - (((6 - ((5!/4)^3))/2) - 1)) \\
 295748 &:= 1 + (((2 + 3) + (((4 \times 5!) - 6) \times 7)) \times 89) &= (((9 + 8!/7!) \times (((6! + 5) \times 4!) - 3)) - 2) + 1 \\
 295749 &:= (((1+2)!! - 3!) \times (4! - 5)) + 6) + (7 \times (8! - 9)) &= (9 + (8 \times ((7!/6!)^5))) + (4 \times ((3! + 2)! + 1)) \\
 295750 &:= 1 \times (((2+3)^4 + 5 \times 6!) \times (7!/(8 \times 9))) &= (((9 + 8!/7!) \times (((6! + 5) \times 4!) - 3)) + 2) - 1 \\
 295751 &:= 1 + (((2+3)^4 + 5 \times 6!) \times (7!/(8 \times 9))) &= 9 + ((8! \times 7 + ((6 + ((5!/4)^3))/2)) - 1) \\
 295752 &:= ((1 + ((2+3!) \times 4!)) \times 5!) + (6 \times ((7! + 8) \times 9)) &= (((9 + 8!/7!) \times (((6! + 5) \times 4!) - 3)) + 2) + 1 \\
 295753 &:= 1 - ((2+3!) \times ((4! \times (5!/6 \times 7)) - 8! - 9)) &= (9 + 8! \times 7) + (((6 + ((5!/4)^3))/2) + 1) \\
 295754 &:= -1 \times 2 + 3!! + (\sqrt{4} - 5 \times 6!) \times (7 - 89) &= ((9 + 8! \times 7 + 6) + (((5!/4)^3)/2)) - 1 \\
 295755 &:= (((1+2)^{3!+4}) \times 5) + 6) + (7 \times 8 \times 9) &= ((9 + 8! \times 7 + 6) + (((5!/4)^3)/2)) \times 1 \\
 295756 &:= ((1+2)!)! + ((3! - (4 + 5 \times 6!)) \times (7 - 89)) &= (9 + 8! \times 7) + (6 + (((5!/4)^3)/2) + 1) \\
 295757 &:= ((-1+2) + 3!) \times ((4 \times (5^6 - 7!)) - 89) &= (9 \times (8! - (7! - (6 - 5!)))) - (((4! \times 3!)^2) + 1) \\
 295758 &:= ((1 - (2 \times (3! + 4!))) \times (((5 - 6!) \times 7) - 8)) - 9 &= (((9 + 8!) \times 7) + (((6 + 5!) - (4 + 3!))^2)) - 1 \\
 295759 &:= 1 - (((2 \times 3!)^4) + ((5! - (6 - (7! - 8!))) \times 9)) &= (9 \times (8! - (7! - (6 - 5!)))) - (((4! \times 3!)^2) - 1) \\
 295760 &:= ((1+2)!! + 3!! \times 4!) + ((56 \times 7!) - 8!/9) &= ((9 - ((8 - 7!) \times 6)) - (5^4)) \times (3^2 + 1) \\
 295761 &:= ((-123 \times (4 - (5! - 6))) + 7 \times 8!) - 9 &= ((9 \times ((8! + (7! + (6! \times 5!))))/4) - 3!!) + 21 \\
 295762 &:= 1 \times (((2+3) - 4!) \times (5 - 6!)) + (7 \times (8! - 9))) &= 9 \times 8 + (7!/6 + ((543^2) + 1)) \\
 295763 &:= 1 + (((2+3) - 4!) \times (5 - 6!)) + (7 \times (8! - 9))) &= ((9 + 8!/7!) \times ((6! + 5) \times 4!)) - (3!^2 + 1) \\
 295764 &:= 1 \times (2 \times (3! \times ((4! \times (5! + 6!)) + (7 + 8!/9)))) &= ((9 + 8!) \times 7) + ((6 + ((5! - (4!/3!))^2)) - 1) \\
 295765 &:= 1 + (2 \times (3! \times ((4! \times (5! + 6!)) + (7 + 8!/9)))) &= ((9 + 8!/7!) \times ((6! + 5) \times 4!)) - (3!^2 - 1) \\
 295766 &:= (1 \times 2 - (3!! \times 4! + 5!)) \times ((6 - 7) \times (8 + 9)) &= ((9 + 8!) \times 7) + (6 + (((5! - (4!/3!))^2) + 1)) \\
 295767 &:= (((1+2)!! - 3!) \times 4!) - (5 \times 6!)) + (7 \times 8! - 9) &= (9 \times (8 \times 7! - 6^5)) + ((4 \times (3!! - 2)) - 1) \\
 295768 &:= (1+2)!! - (3!! \times 4 - (5^6 + (7 \times (8! + 9)))) &= (9 \times (8! - 7!) - ((6! + 5) \times (4! + 3!))) - 2 \times 1 \\
 295769 &:= 1 - (2 + (((3! + 4!) \times (5 + 6!)) + ((7! - 8!) \times 9))) &= (9 \times (8 \times 7! - 6^5)) + ((4 \times (3!! - 2)) + 1) \\
 295770 &:= 1 + ((2 + (((3 \times 4^5) + 6!) \times 78)) - 9) &= (9 \times (8! - 7!) - ((6! + 5) \times (4! + 3!))) \times (2 - 1) \\
 295771 &:= (((12 \times 34) + 5) \times (6! + 7)) - 8!/9 &= (9 \times (8! - 7!) - (((6! + 5) \times (4! + 3!)) - 2)) - 1 \\
 295772 &:= 1 \times (2 - (((3! + 4!) \times (5 + 6!)) + ((7! - 8!) \times 9))) &= ((9 + (8!/(7!/6))) \times (5 + ((4! \times 3!)^2))) - 1 \\
 295773 &:= 1 + (2 - (((3! + 4!) \times (5 + 6!)) + ((7! - 8!) \times 9))) &= ((9 + (8!/(7!/6))) \times (5 + ((4! \times 3!)^2))) \times 1 \\
 295774 &:= ((1 - 2 - 3^4) \times (5 \times 6! + 7)) \times (8 - 9) &= ((9 + (8!/(7!/6))) \times (5 + ((4! \times 3!)^2))) + 1 \\
 295775 &:= (-1 + 2) - (((3 + 4) + 5 \times 6!) \times (7 - 89)) &= ((9 + 8!/7!) \times ((6! + 5) \times 4!)) - ((3! - 2)! + 1) \\
 295776 &:= ((1 - (2 \times (3! + 4!))) \times (((5 - 6!) \times 7) - 8)) + 9 &= 9 + ((8 + (7 \times (6! - 5))) \times (((4! + 3!) \times 2) - 1)) \\
 295777 &:= (1 + 2) - (((3 + 4) + 5 \times 6!) \times (7 - 89)) &= ((9 + 8!/7!) \times ((6! + 5) \times 4!)) - ((3! - 2)! - 1) \\
 295778 &:= (1 \times 2 - (3! \times (4! + 5 \times 6!))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - (((6! \times 5 + 4!) \times 3!) - (2 \times 1)) \\
 295779 &:= ((1 + 2) - (3! \times (4! + 5 \times 6!))) - ((7! - 8!) \times 9) &= (9 + ((8 \times (7! \times 6))/(5 + 4))) \times ((3! \times 2) - 1) \\
 295780 &:= (1 + 2)! - (((3 + 4) + 5 \times 6!) \times (7 - 89)) &= 9 + (((8! - 7!/6)/5!) \times (((4! + 3!)^2) - 1))
 \end{aligned}$$

$$\begin{aligned}
 295781 &:= ((1+2) \times (((3! \times 4! - 5) \times 6!) + 7)) - 8!/9 &= 9 + (8! \times 7 + (6^5 + (4 \times (3!! \times 2 - 1)))) \\
 295782 &:= (1+2)! + ((3!! + (4! - 5!)) \times (6 \times (7 + 8 \times 9))) &= (9 \times (8! - 7!)) - (((6! \times 5 + 4!) \times 3!) - (2 + 1)!) \\
 295783 &:= (((1+2)! \times 3!!) - (4! - 5!)) \times 67 - 89 &= ((9 \times (8 \times 7! - 6^5)) + (4 \times (3!! + 2))) - 1 \\
 295784 &:= 1 \times ((23 \times 4^5) + ((6 \times 7! + 8) \times 9)) &= ((9 + 8! \times 7) + (6^5)) + ((4 \times 3!! \times 2) - 1) \\
 295785 &:= (((1+2)!! - 3!) \times 4!) - (5 \times 6!) + (7 \times 8! + 9) &= ((9 \times (8 \times 7! - 6^5)) + (4 \times (3!! + 2))) + 1 \\
 295786 &:= (1+2) + ((3!! \times 4! + (5! + (6 - 7))) \times (8 + 9)) &= ((9 + 8! \times 7) + (6^5)) + ((4 \times 3!! \times 2) + 1) \\
 295787 &:= (1 \times 2 + (((3 \times 4^5) + 6!) \times 78)) + 9 &= (9 \times (8! - 7!)) - ((6 \times ((5 \times (4 + 3!!)) + 2)) + 1) \\
 295788 &:= (1+2) \times (((3 \times 4) + 5!) \times (6! - 7)) + 8!/9 &= (((9 + (8 \times 7!/6)) \times 5) + (4^{3^2})) - 1 \\
 295789 &:= 1 - (((2 + ((3!! + 4) \times 5)) \times 6) + ((7! - 8!) \times 9)) &= (((9 + (8 \times 7!/6)) \times 5) + (4^{3^2})) \times 1 \\
 295790 &:= (((1+2)^{3!+4}) \times 5) + (67 \times 8) + 9 &= (((9 + (8 \times 7!/6)) \times 5) + (4^{3^2})) + 1 \\
 295791 &:= (((1+2)!! - 3!) \times (4! - 5)) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) + 6!) + (((5! - (4 + 3))^2) - 1) \\
 295792 &:= ((1 + 2 \times 3!!) + (4! \times (5^6 - 7!))) + (8! - 9) &= (((9 + 8!/7!) \times ((6! + 5) \times 4!)) - 3!) - 2 \times 1 \\
 295793 &:= ((12 \times 34) \times (5 + 6!)) + (7 \times (8 - 9)) &= ((9 + 8!/7!) \times ((6! + 5) \times 4!)) - (3! + (2 - 1)) \\
 295794 &:= (1 - 2^{3!}) + (((4! - 5) \times 6!) + (7 \times (8! - 9))) &= (((9 + 8!/7!) \times ((6! + 5) \times 4!)) - (3 + 2)) - 1 \\
 295795 &:= 1 + 2 \times 3!! + (((4 \times 5!) - 6) \times (7!/8 - 9)) &= (((9 + 8!/7!) \times ((6! + 5) \times 4!)) - (3! - 2)) - 1 \\
 295796 &:= -123 + (((4! \times (5 + 6!)) + 7) \times (8 + 9)) &= ((9 + 8!) \times 7) - (6 - (((5!/4)^3)/2) - 1) \\
 295797 &:= (1+2) \times (3!! + (4 + ((5 + 6!) \times ((7 + 8) \times 9)))) &= 9 + 8! - ((7 + (6! + 5)) \times (((4! - 3!)/2) - 1)) \\
 295798 &:= ((-1 \times 2) - ((3!! + 4) \times (5 \times 6))) - ((7! - 8!) \times 9) &= ((9 + 8!) \times 7) - (6 - (((5!/4)^3)/2) + 1) \\
 295799 &:= (((1+2)^{3!+4}) \times 5) - (6 - 7!) - 8!/9 &= ((9 + 8!) \times 7) - (((6 - ((5!/4)^3))/2) + 1) \\
 295800 &:= (1 - (2^{3!} \times 4)) \times (5! - (6! + (7! - 8!/9))) &= ((9 + 8!) \times 7) - ((6 - ((5!/4)^3))/2 \times 1) \\
 295801 &:= (1 - (2 + 3!)) + (((4 \times (5! - 6!)) - (7! - 8!)) \times 9) &= ((9 + 8!) \times 7) - (((6 - ((5!/4)^3))/2) - 1) \\
 295802 &:= (1 \times 2 - ((3!! + 4) \times (5 \times 6))) - ((7! - 8!) \times 9) &= ((9 + 8!) \times 7) + (((((6 \times 5!)/4!)^3)/2) - 1) \\
 295803 &:= (((1+2)!! - 3!) \times (4! - 5)) + 6 + (7 \times 8! - 9) &= (((9 + 8!/7!) \times ((6! + 5) \times 4!)) + (3! - 2)) - 1 \\
 295804 &:= 1 - (((2 \times ((3!! + 4) \times 5)) + ((6 + 7) - 8!)) \times 9) &= ((9 + 8!) \times 7) + (((((6 \times 5!)/4!)^3)/2) + 1) \\
 295805 &:= (((1+2)^{3!+4}) \times 5) + (6! \times 7) - 8!/9 &= ((9 + 8!) \times 7) + (((6 + ((5!/4)^3))/2) - 1) \\
 295806 &:= 1 \times 2 \times (((3! \times 4! + 5!) \times (6! - 7)) - 8! - 9) &= (9 \times (8! - (7! + 6))) - ((5!/4) \times (3!! + 2 \times 1)) \\
 295807 &:= 1 \times (((2 - 3!!) \times (4 + 5! - (67 \times 8))) - 9) &= ((9 + 8!) \times 7) + (((6 + ((5!/4)^3))/2) + 1) \\
 295808 &:= 1 - (((2 - 3!!) \times (((4 + 56) \times 7) - 8)) + 9) &= (((9 + 8!) \times 7) + 6) + (((5!/4)^3)/2) - 1) \\
 295809 &:= 1 - ((2 + 3!) \times ((4 \times (5! + 6!)) - (7 + 8! + 9))) &= (9 - (8!/7)) + ((6! + (5 \times 4!)) \times (3!!/2 - 1)) \\
 295810 &:= (1 - (((2 - 3!!) \times 4!) + 5 \times 6!)) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) + (6 + (((5!/4)^3)/2) + 1) \\
 295811 &:= (((1+2)^{3!+4}) \times 5) + 6 + (7! - 8!/9) &= (9 \times (8! - 7!)) - ((6 \times ((5 \times (4 + 3!!)) - 2)) + 1) \\
 295812 &:= (1 \times 2 + 3^4) \times ((5 \times (6! - 7)) + (8 - 9)) &= (9 - (8 \times (7!/6! - 5!))) \times ((4! - 3!)^2 \times 1) \\
 295813 &:= 1 - ((2 \times 3! - ((4 \times (5! - 6!)) - (7! - 8!))) \times 9) &= (9 \times (8! - 7!)) - ((6 \times ((5 \times (4 + 3!!)) - 2)) - 1) \\
 295814 &:= (1 - (((2 - 3!!) \times (4! - 5)) + 6)) + (7 \times (8! - 9)) &= ((9 + 8) \times ((7 - 6) + (5! + 4! \times 3!))) - (2 + 1) \\
 295815 &:= ((1 - (2 \times 3!! + 4)) \times 5) \times (6 - ((7 \times 8) - 9)) &= ((9 + 8) \times ((7 - 6) + (5! + 4! \times 3!))) - 2 \times 1 \\
 295816 &:= 1 + (((2 - 3) - (4 \times 5!)) \times (6 - (7!/8 - 9))) &= 9 + (((8! + ((7 - 6^5) \times 4)) \times 32) - 1) \\
 295817 &:= 1 + ((2 - 3!!) \times (4 \times ((5! \times (6 - 7)) + 8 + 9))) &= (9 + 8) \times (((7! - (65 \times 4!)) \times (3 + 2)) + 1) \\
 295818 &:= (1 - (((2 - 3!!) \times (4 \times 5)) + 6!)) + (7 \times (8! - 9)) &= (9 \times (8 + 7!)) + (6 \times ((5 + 4!) \times (3!! \times 2 - 1)))
 \end{aligned}$$

$$\begin{aligned}
 295819 &:= 1 \times 2 - ((3! - ((4! \times (5 + 6!)) + 7)) \times (8 + 9)) &= (9 + 8) \times ((7 - 6) + (5! + 4! \times 3!)) + (2 \times 1) \\
 295820 &:= (1 + ((2 + 3)^4 + 5 \times 6!)) \times (7! / (8 \times 9)) &= (9 + 8) \times ((7 - 6) + (5! + 4! \times 3!)) + (2 + 1) \\
 295821 &:= (1 - (2 \times ((3! + 4!) \times ((5 - 6!) \times 7))) - 8! / 9 &= (9 + 8! \times 7 + 6) - ((5 - 4!) \times (3!! - (2 + 1)!)) \\
 295822 &:= (((1 - (2 - 3!)) \times 4) \times 5) - 6! + (7 \times (8! - 9)) &= (-98 + ((7! + 6!) \times 54)) - (3!! \times 21) \\
 295823 &:= (1 - 2 \times 3!) \times (4! + (5 - (6 \times (7 + 8! / 9)))) &= (9 + 8! / 7!) \times ((6! + 5) \times 4!) + ((3! - 2)! - 1) \\
 295824 &:= (1 + ((2 + 3^4) \times (5 \times (6! - 7)))) - 8 \times 9 &= (9 \times (8! - ((7! \times 6 - 5!) / 4))) + 3!! - (2 + 1)! \\
 295825 &:= 1 \times (((2 + 3)^4) - (5 \times (6! \times (7 - 89)))) &= (9 + 8! / 7!) \times ((6! + 5) \times 4!) + ((3! - 2)! + 1) \\
 295826 &:= (1 - (((2 - 3!)) \times (4! - 5)) - 6) + (7 \times (8! - 9)) &= (9 + (8 \times (((7! \times (6 + 5)) + 4!) / 3))) \times 2 \times 1 \\
 295827 &:= ((1 - (2 \times ((3! + 4!) \times (5 - 6!)))) \times 7) - 8! / 9 &= (9 \times (8! - ((7! \times 6 - 5!) / 4))) + (3!! - 2) - 1 \\
 295828 &:= (12^3) + (4 \times ((5 - 6! + 7!) \times (8 + 9))) &= (9 \times (8! - ((7! \times 6 - 5!) / 4))) + (3!! - 2) \times 1 \\
 295829 &:= (((1 + 2) \times (((3!! \times 4! - 5) \times 6) - 7!)) + 8) - 9 &= (9 \times (8! - ((7! \times 6 - 5!) / 4))) + (3!! - 2) + 1 \\
 295830 &:= 1 \times 2 \times (((3!! / 4) + (5^6 + 7! / 8)) \times 9) &= (9 + (8! / (7! / 6))) \times (5 + (((4! \times 3)^2) + 1)) \\
 295831 &:= (1 - ((2 - (3^4 \times 5)) \times 6!)) + ((7! / 8) \times 9) &= (9 \times ((8! + 7) - 6^5)) + (4 \times (3!! - (2 \times 1))) \\
 295832 &:= ((-1 + 2) + (3 \times (((4! + 5!) \times 6!) - 7!))) - 89 &= 9 - (((8! + ((7 - 6!) \times (5! + 4! \times 3!)) \times 2) + 1) \\
 295833 &:= 1 - ((2 + 3!) \times ((4 \times (5! + 6! - 7)) - 8! + 9)) &= 9 - ((8! + ((7 - 6!) \times (5! + 4! \times 3!)) \times 2 \times 1) \\
 295834 &:= (1 - 2 \times 3!) \times (4 - ((5! + (6 \times (7 + 8!))) / 9)) &= 9 - (((8! + ((7 - 6!) \times (5! + 4! \times 3!)) \times 2) - 1) \\
 295835 &:= 1 + (((2 + 3!! \times 4!) - (5! \times (6 - 7))) \times (8 + 9)) &= (9 + 8! / 7!) \times ((6! + 5) \times 4!) + (3!^2 - 1) \\
 295836 &:= (((1 + 2)! - ((3!! + 4) \times 5)) \times 6) - ((7! - 8!) \times 9) &= (9 \times ((8! + 7) - 6^5)) + (4 \times 3!! - 2) - 1 \\
 295837 &:= 1 - (((2 \times (3!! + (4! + (5! - 6)))) - 7!) \times 89) &= (9 + 8! / 7!) \times ((6! + 5) \times 4!) + 3!^2 + 1 \\
 295838 &:= 1 \times (2 + ((3! + (((4 \times 5!) - 6) \times 7)) \times 89)) &= (9 \times ((8! + 7) - 6^5)) + (4 \times 3!! - 2) + 1 \\
 295839 &:= ((1 + 2)!! + ((3! - 4!) \times (5 - 6!))) + (7 \times 8! + 9) &= (9 \times (8! - ((7! \times 6 - 5!) / 4))) + (3^{(2+1)!}) \\
 295840 &:= ((1 + 2)!!) + ((3! + (4! - 5 + 6)) \times (7! + 8! / 9)) &= (9 \times ((8! + 7) - 6^5)) + ((4 \times 3!!) + 2) - 1 \\
 295841 &:= (((1 + 2)! \times ((3 + 4^5) \times 6)) + 7) \times 8 + 9 &= (9 \times ((8! + 7) - 6^5)) + ((4 \times 3!!) + 2) \times 1 \\
 295842 &:= 1 \times (2 \times (((3! \times 4! + 5!) \times (6! - 7)) - 8! + 9)) &= (9 \times ((8! + 7) - 6^5)) + ((4 \times 3!!) + 2) + 1 \\
 295843 &:= 1 + (2 \times (((3! \times 4! + 5!) \times (6! - 7)) - 8! + 9)) &= (((9 + 8!) \times 7) + (6^5)) + (4 \times (3!! \times 2 + 1)) \\
 295844 &:= (-1 - 2 \times 3!) + (((4! - 5) \times 6!) + (7 \times (8! - 9))) &= (((-9 + 8!) \times 7) - ((6! \times (5 - 4!)) + (3! \times 2))) - 1 \\
 295845 &:= ((1 + 2)!! - (((3 + 4)! - 5)) + (67 \times (8! / 9)) &= (9 \times ((8 + 7) \times 6)) + 5 \times (((4 + 3!!) / 2) + 1) \\
 295846 &:= (1 - 2 \times 3!) + (((4! - 5) \times 6!) + (7 \times (8! - 9))) &= (9 \times ((8! + 7) - 6^5)) + ((4 \times (3!! + 2)) - 1) \\
 295847 &:= ((1 - 2) + (3 \times (((4! + 5!) \times 6!) - 7!))) - 8 \times 9 &= (9 \times ((8! + 7) - 6^5)) + (4 \times (3!! + 2 \times 1)) \\
 295848 &:= (1 - 2^{3!}) + (((4! - 5) \times 6!) + 7 \times 8! - 9) &= (9 \times ((8! + 7) - 6^5)) + ((4 \times (3!! + 2)) + 1) \\
 295849 &:= ((-1 - 2) \times ((3! \times (4! - 5^6)) - 7!)) - 89 &= (9 - 8) \times ((7 \times ((6^5 / 4) + (3! + 2)!)) + 1) \\
 295850 &:= 1 - (2 - ((3!! \times (4! - 5)) - (6 - (7 \times (8! - 9)))) &= 9 - 8 + ((7 \times ((6^5 / 4) + (3! + 2)!)) + 1) \\
 295851 &:= ((1 + 2) - (3 \times ((4 - 5!) \times 6!))) + ((7! - 8) \times 9) &= (9 \times ((8! + 7) - 6^5)) + (4 \times (3 + (2 + 1)!)) \\
 295852 &:= ((-1 + (2 \times 3!^4)) \times 5) + (6! + (7 \times (8! - 9))) &= (((-9 + 8!) \times 7) - ((6! \times (5 - 4!)) + (3! - 2))) - 1 \\
 295853 &:= 1 \times ((2 + (3!! \times (4! - 5))) - (6 - (7 \times (8! - 9)))) &= (9 \times (8! - 7!) - 6) - (((5! / 4) \times (3!! + 2)) + 1) \\
 295854 &:= 1 + ((2 + (3!! \times (4! - 5))) - (6 - (7 \times (8! - 9)))) &= (9 \times (8! - 7!) - 6) - ((5! / 4) \times (3!! + 2 \times 1)) \\
 295855 &:= (((1 + 2)! + (3^4 \times 5)) \times 6!) - ((7 \times 8) + 9) &= (9 \times (8! - 7!)) + ((6 - (5^4)) \times (3!^2 - 1)) \\
 295856 &:= 1 \times 2 - (3 - (((4! - 5) \times 6!) + (7 \times (8! - 9)))) &= (9 \times (8! - (7! + 6))) - (((5! + (4! + 3))^2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 295857 &:= (1 - 2^{3!}) + (((4 \times (5! - 6!)) - (7! - 8!)) \times 9) &= 9 + 8! + ((7! - (6 + 5!)) \times (4 \times (3! \times 2 + 1))) \\
 295858 &:= (1 + (2 \times ((3 + 4)!)) + (5 \times 6! + (7 \times (8! - 9)))) &= (9 \times (8! - (7! + 6))) - (((5! + (4! + 3))^2) - 1) \\
 295859 &:= (1 \times 2 - 3!!) - ((4! \times (5! - 6!)) - (7 \times (8! - 9))) &= (9 \times (8! - 7!)) - (((6 \times 5) \times ((4 + 3!!) - 2)) + 1) \\
 295860 &:= 1 + ((2 + (3!! \times (4 \times 5))) - (6! - (7 \times (8! - 9)))) &= (9 \times (8! - (7! + 6))) - (((5!/4) \times 3!!) + (2 + 1)!) \\
 295861 &:= (-1 + 2) - ((3! + 4) \times (5! - (6 \times (7! - 89)))) &= (9 \times (8! - 7!) - 6!) - (((5 + 4!) \times (3!! + 2)) + 1) \\
 295862 &:= ((1 + (2 \times 3!^4)) \times 5) + (6! + (7 \times (8! - 9))) &= (9 \times (8! - 7!) - 6!) - ((5 + 4!) \times (3!! + 2 \times 1)) \\
 295863 &:= (1 - (((2 + 3!!) \times (4! + 5)) + 6!)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - 6!) - (((5 + 4!) \times (3!! + 2)) - 1) \\
 295864 &:= (1 - (((2 - 3!!) \times 4!) + (5 \times 6! - (7 \times 8!)))) - 9 &= 9 + ((8 + (7 \times ((6^5/4) + (3! + 2)!))) - 1) \\
 295865 &:= 1 \times (2 + ((3!! \times (4! - 5)) + (6 + (7 \times (8! - 9))))) &= ((9 \times (8! - 7!)) + 6) - (((5!/4) \times (3!! + 2)) + 1) \\
 295866 &:= ((1 + ((2 - (3!! + 4)) \times 5)) \times 6) - ((7! - 8!) \times 9) &= ((9 \times (8! - 7!)) + 6) - ((5!/4) \times (3!! + 2 \times 1)) \\
 295867 &:= 1 \times (((2 + 3!! \times 4) \times 5) - (6! - (7 \times (8! - 9)))) &= ((9 \times (8! - 7!)) + 6) - (((5!/4) \times (3!! + 2)) - 1) \\
 295868 &:= (1 - (((2 - 3!!) \times (4! - 5)) + (6 - (7 \times 8!)))) - 9 &= (9 \times (8! - (7! + 6))) - (((5!/4) \times 3!!) - (2 \times 1)) \\
 295869 &:= ((1 + 2) - (3!!/4 \times 5!)) - (((6 + 7!) - 8!) \times 9) &= (((9 + 8) \times ((7 + ((6! + 5) \times 4!)) - 3)) + 2) - 1 \\
 295870 &:= 1 + 2 \times 3! + (((4! - 5) \times 6!) + (7 \times (8! - 9))) &= (((9 + 8) \times ((7 + ((6! + 5) \times 4!)) - 3)) + 2) \times 1 \\
 295871 &:= 1 + (2 - ((3 - ((4! \times (5 + 6!)) + 7)) \times (8 + 9))) &= (((9 + 8) \times ((7 + ((6! + 5) \times 4!)) - 3)) + 2) + 1 \\
 295872 &:= (1 - (((2 - 3!!) \times (4 \times 5)) + 6!)) + (7 \times 8! - 9) &= 9 + 8 + (7 \times ((6^5/4) + ((3! + 2)! + 1))) \\
 295873 &:= ((1 + ((2 + (3^4 \times 5)) \times (6! + 7))) - 8) - 9 &= (9 - (8 \times 7)) + (6! \times (((5! + 4!) \times 3) - 21)) \\
 295874 &:= (1 + 2)! - ((3 - ((4! \times (5 + 6!)) + 7)) \times (8 + 9)) &= ((9 + 8) \times ((7 + ((6! + 5) \times 4!)) - 3)) + (2 + 1)! \\
 295875 &:= (((1 + 2)! - 3!) \times (4! - 5)) + 6 + (7 \times (8! + 9)) &= (9 + ((8! \times 7 + 6!)/5!)) \times (4 + (((3 + 2)! + 1)) \\
 295876 &:= (((1 - (2 - 3!!) \times 4) \times 5) - (6! - (7 \times 8!))) - 9 &= -98 + (7! + (((6 \times 5) + (4!^3)) \times 21)) \\
 295877 &:= (1234 \times (5 + 6)) + (7 \times (8! + 9)) &= ((-9 + (87 \times 6!)) \times 5) - ((4! \times 3!!) - (2 \times 1)) \\
 295878 &:= (((1 + 2)^{3!+4}) \times 5) - 6 + (7!/8 + 9) &= (9 + 8! \times 7 + 6) - ((5 - 4!) \times (3!! - 2 - 1)) \\
 295879 &:= (1 + ((2 + 3^4) \times (5 \times (6! - 7)))) - (8 + 9) &= ((9 \times (8! - (7! + (6! + 5)))) + 4) - (3!! \times 21) \\
 295880 &:= ((1 + 2 \times 3!) \times 4) \times (5!/6 + ((7!/8) \times 9)) &= ((9 + 8! \times 7) - (6! \times 5)) + ((4! \times (3!! - 2)) - 1) \\
 295881 &:= ((1 + 2)! \times (((3!^4 - (5 + 6)) \times 7) + 8!)) - 9 &= ((9 \times (((8 \times 7) \times (6! - 5!)) - (4 + 3!))) - 2) - 1 \\
 295882 &:= (1 - (((2 - 3!!) \times 4!) + (5 \times 6! - (7 \times 8!)))) + 9 &= ((9 + 8! \times 7) - (6! \times 5)) + ((4! \times (3!! - 2)) + 1) \\
 295883 &:= 1 - (2 + ((3!! + (4 + ((5! - 6!) \times 7 \times 8))) \times 9)) &= (9 \times (8! - 7!)) - ((6! \times (5!/4)) + (3!^2 + 1)) \\
 295884 &:= 1 \times (((2 + 3!)! - (4 + (5! \times (6 + 7 \times 8)))) \times 9) &= ((9 + 8! \times 7) - 6) - (((5 - 4!) \times (3!! - 2)) + 1) \\
 295885 &:= 1 + (((2 + 3!)! - (4 + (5! \times (6 + 7 \times 8)))) \times 9) &= (9 \times (8! - 7!)) - (((6! \times (5!/4)) + 3!^2) - 1) \\
 295886 &:= (1 - (((2 - 3!!) \times (4! - 5)) + (6 - (7 \times 8!)))) + 9 &= (9 + (8! - 7) \times 6) + (((5!/4)^3 \times 2) - 1) \\
 295887 &:= 1 + (2 - ((3!! + (4 + ((5! - 6!) \times 7 \times 8))) \times 9)) &= ((9 \times (((8 \times 7) \times (6! - 5!)) - (4 + 3!))) + 2) + 1 \\
 295888 &:= (1 - ((2 + (3^4 \times 5)) \times (6! + 7))) \times (8 - 9) &= (9 + (8! - 7) \times 6) + (((5!/4)^3 \times 2) + 1) \\
 295889 &:= 1 \times 2 + ((3 \times (((4! + 5!) \times 6!) - 7! - 8)) - 9) &= (((9 \times 8) + 7) \times 6) \times (5^4) - (3!!/2 + 1) \\
 295890 &:= ((1 + ((2 + 3!!) \times (4! - 5))) - 6) + (7 \times (8! - 9)) &= 9 - (8 - ((7 + 6!) \times (5! + ((4! \times 3! \times 2) - 1)))) \\
 295891 &:= ((1 + ((2 + (3^4 \times 5)) \times (6! + 7))) - 8) + 9 &= (((9 \times 8) + 7) \times 6) \times (5^4) - (3!!/2 - 1) \\
 295892 &:= 1 - (2 + ((3 - ((4 \times (5! - 6!)) - (7! - 8!))) \times 9)) &= ((9 + 8! \times 7) - (6! \times (5 - 4!))) - (3!^2 + 1) \\
 295893 &:= (1 - 2) \times ((3 - ((4 \times (5! - 6!)) - (7! - 8!))) \times 9) &= (9 + 8! - ((7 + (6! + 5)) \times 4!)) \times (3! \times 2 + 1) \\
 295894 &:= (((1 - (2 - 3!!) \times 4) \times 5) - (6! - (7 \times 8!))) + 9 &= ((9 + 8! \times 7) - (6! \times (5 - 4!))) - (3!^2 - 1) \\
 295895 &:= 1 \times 2 - ((3 - ((4 \times (5! - 6!)) - (7! - 8!))) \times 9) &= (((9 + 8!/7!) \times 6!) + 5^4) \times ((3! - 2)! - 1)
 \end{aligned}$$

$$\begin{aligned}
 295896 &:= 1 - ((2 + 3^4) \times (5 \times ((6! - 7) \times (8 - 9)))) &= (9 + 8! \times 7 + 6) - (((5 - 4!) \times (3!! - 2)) + 1) \\
 295897 &:= 1 \times (((2 + 3!!) \times (4 \times 5)) - (6! - (7 \times (8! - 9)))) &= (9 \times (8! - 7!) - (6! \times (5!/4))) - ((3! - 2)! - 1) \\
 295898 &:= (1 - (((2 - 3!!) \times (4! - 5)) - (6 + 7 \times 8!))) + 9 &= (9 + 8! \times 7 + 6) - (((5 - 4!) \times (3!! - 2)) - 1) \\
 295899 &:= (1 + 2)! - ((3 - ((4 \times (5! - 6!)) - (7! - 8!))) \times 9) &= (((9 + 8) \times ((7 + (6 \times 5!)) \times 4!)) - (3!! - 2)) + 1 \\
 295900 &:= (1 - 2 \times 3!) + (((4! - 5) \times 6!) + 7 \times 8! - 9) &= (((((9 - (8 - 7)))! / 6) + 5) \times 4) \times ((3! \times 2) - 1) \\
 295901 &:= 1 \times (((2 + 3!!) \times (4! - 5)) + (6 + (7 \times (8! - 9)))) &= ((9 \times (8 + (7! \times 6))) + ((5 + 4!)^3)) - ((2 + 1)!!) \\
 295902 &:= (1 - ((2 - (3!! \times 4)) \times 5)) - (6! - (7 \times 8! - 9)) &= 9 - (((8 + 7! - (6! \times (5! + 4!))) \times 3) + (2 + 1)) \\
 295903 &:= 1 - (2 \times ((3!! + ((4! \times (5 - 6!)) - (7 - 8))) \times 9)) &= 9 - (8 + ((7! + (6 - ((5! + 4!) \times 3!))) \times (2 + 1))) \\
 295904 &:= 1 - (2 - ((3!! \times (4! - 5)) - (6 - (7 \times 8! - 9)))) &= (9 \times (8! - 7!)) - (6 + (((5! + (4! + 3))^2) + 1)) \\
 295905 &:= (1 - (2 \times (3! \times ((4! - (5 \times 6!)) \times 7)))) - 8!/9 &= (9 \times (8! - 7!) - 6) - ((5! + (4! + 3))^2 \times 1) \\
 295906 &:= ((1 + ((2 + 3!!) \times 4!)) - (5 \times 6!)) + (7 \times (8! - 9)) &= (9 \times (8! - 7!)) - ((6 + ((5! + (4! + 3))^2)) - 1) \\
 295907 &:= 1 \times ((2 + (3!! \times (4! - 5))) - (6 - (7 \times 8! - 9))) &= (9 \times (8! - 7!) - (6! \times (5!/4))) - (3! \times 2 + 1) \\
 295908 &:= 1 + ((2 + (3!! \times (4! - 5))) - (6 - (7 \times 8! - 9))) &= ((9 + 8) \times (7 + ((6! + 5) \times 4!))) - ((3! \times 2) - 1) \\
 295909 &:= (1 - 2 \times 3!) + (((4 \times (5! - 6!)) - (7! - 8!)) \times 9) &= (9 \times (8! - 7!) - (6! \times (5!/4))) - ((3! \times 2) - 1) \\
 295910 &:= 1 \times 2 - (3 - (((4! - 5) \times 6!) + 7 \times 8! - 9)) &= (9 \times (8! - 7!) - (6! \times (5!/4))) - (3^2 + 1) \\
 295911 &:= ((1 - (2 \times (3! \times (4! - (5 \times 6!)))) \times 7) - 8!/9) &= (((9 + 8) \times (7 + ((6! + 5) \times 4!))) - 3!) - 2 \times 1 \\
 295912 &:= (1 + ((2 + 3 \times 4! \times 5) \times 6!)) - (7! - 8! + 9) &= (9 \times 8 \times (7! - 6!)) - (((5 \times 4!) + 3)^2) - 1) \\
 295913 &:= (1 \times 2 - 3!!) - ((4! \times (5! - 6!)) - (7 \times 8! - 9)) &= (9 \times (8! - (7! - 6))) - (((5!/4) \times (3!! + 2)) + 1) \\
 295914 &:= 1 + ((2 + (3!! \times (4 \times 5))) - (6! - (7 \times 8! - 9))) &= (9 \times (8! - (7! - 6))) - ((5!/4) \times (3!! + 2 \times 1)) \\
 295915 &:= 1 \times (2 - (3! - (((4! \times (5 + 6!)) + 7) \times (8 + 9)))) &= (9 \times (8! - (7! - 6))) - (((5!/4) \times (3!! + 2)) - 1) \\
 295916 &:= ((1 + (2 \times 3!^4)) \times 5) + (6! + 7 \times 8! - 9) &= (9 \times (8! - 7!)) + (6 - (((5! + (4! + 3))^2) + 1)) \\
 295917 &:= (1 + 2) - (3!!/4 \times 5! + (6 + ((7! - 8!) \times 9))) &= 9 + 8! + ((7 + (6! + (5 - 4!))) \times (3!!/2 + 1)) \\
 295918 &:= (1 - 2 \times 3!) + (((4! - 5) \times 6!) + (7 \times 8! + 9)) &= (9 \times (8! - 7!)) + (6 - (((5! + (4! + 3))^2) - 1)) \\
 295919 &:= (1 + (((((2 \times 3!!)/4) - 5) \times 6!) + 7)) + (8! - 9) &= ((9 + 8! \times 7) - (6! \times (5 - 4!))) - (3^2 + 1) \\
 295920 &:= (1 - ((2 - (3!! \times 4)) \times 5)) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) + ((5 \times (4 \times 3!! - 2)) + 1) \\
 295921 &:= 1 + 2 \times 3!! + (4! \times (5! + ((6! + 7!/8) \times 9))) &= 9 + 8! - 7 - ((6! \times (5!/4! - 3!!/2)) + 1) \\
 295922 &:= (1 + ((2 + 3!! \times 4) \times 5)) - (6! - (7 \times 8! - 9)) &= (9 \times (8! - 7!) - 6^5) - ((4!^3) - (2 \times 1)) \\
 295923 &:= (1 + (((((2 \times 3!!)/4) - 5) \times 6!)) - (7 - 8! - 9)) &= 9 + 8! - 7 - ((6! \times (5!/4! - 3!!/2)) - 1) \\
 295924 &:= 1 + 2 \times 3! + (((4! - 5) \times 6!) + 7 \times 8! - 9) &= ((9 \times (8! - 7!)) + (6 - ((5!/4) \times 3!))) - 2 \times 1 \\
 295925 &:= 1 \times 2 - (3! - (((4! - 5) \times 6!) + (7 \times 8! + 9))) &= (9 \times (8! - (7! + 6))) - (((5!/4) \times (3!! - 2)) + 1) \\
 295926 &:= ((1 + 2)! - 3!!) - (((4! + 5) \times 6!) + ((7! - 8!) \times 9)) &= (9 \times (8! - (7! + 6))) - ((5!/4) \times (3!! - (2 \times 1))) \\
 295927 &:= (((((1 + 2)!^{3!}) \times 4) + (5^6 \times 7)) - 8 \times 9) &= (9 \times (8! - (7! + 6))) - (((5!/4) \times (3!! - 2)) - 1) \\
 295928 &:= 1 \times 2 + 3! + (((4 \times (5! - 6!)) - (7! - 8!)) \times 9) &= (9 + 8 \times 7! \times 6) + (((5!/4)^3) \times 2) - 1) \\
 295929 &:= (((1 + 2) \times 3!! - 4!) \times 5!) - (6! - (7! \times 8 + 9)) &= (9 + 8 \times 7! \times 6) + (((5!/4)^3) \times 2 \times 1) \\
 295930 &:= (1 + ((2 + 3 \times 4! \times 5) \times 6!)) - (7! - 8! - 9) &= (9 + 8 \times 7! \times 6) + (((5!/4)^3) \times 2) + 1) \\
 295931 &:= (1 \times 2 - 3!!) - ((4! \times (5! - 6!)) - (7 \times 8! + 9)) &= ((9 + 8! - 7) \times 6) + (((5!/4)^3) \times 2) - 1) \\
 295932 &:= (1 + 2)! + (3! + (((4 \times (5! - 6!)) - (7! - 8!)) \times 9)) &= ((9 + 8! - 7) \times 6) + (((5!/4)^3) \times 2 \times 1) \\
 295933 &:= 1 + 2 \times 3! + (((4 \times (5! - 6!)) - (7! - 8!)) \times 9) &= ((9 + 8! - 7) \times 6) + (((5!/4)^3) \times 2) + 1) \\
 295934 &:= ((1 + (2 \times 3!^4)) \times 5) + (6! + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - (6! \times 5)) + ((4! \times (3!! - 2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 295935 &:= (1 + 2) + (3 + (((4! - 5) \times 6!) + (7 \times 8! + 9))) &= (9 + (8! + 7!)) - (6 \times ((5! \times ((4! - 3!)/2)) - 1)) \\
 295936 &:= (1 - (((2 - 3!) \times 4!) + 5 \times 6!)) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - (6! \times 5)) + ((4! \times (3! - 2)) + 1) \\
 295937 &:= (1 + (((((2 \times 3!)/4) - 5) \times 6!) + 7)) + (8! + 9) &= (9 + (8! + 7)) - ((6! \times (5!/4! - 3!/2)) - 1) \\
 295938 &:= 1 \times (2 \times ((3! \times 4! - (5! + (6! + (7 - 8)))) \times 9)) &= ((9 + 8! \times 7) - 6!) + ((5 \times ((4 \times 3!) + 2)) - 1) \\
 295939 &:= (((1 \times 2 + 3! \times 4) \times 5) - 6!) + (7 \times 8! + 9) &= ((9 + 8! \times 7) - (6! \times (5 - 4!))) + 3^2 + 1 \\
 295940 &:= (1 + ((2 + 3! \times 4) \times 5)) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) + ((5 \times ((4 \times 3!) + 2)) + 1) \\
 295941 &:= (((1 + (2^{3 \times 4})) \times 5) + 6^7) - 8!/9 &= (9 \times (8! - 7!)) - (((6! \times 5 - 4) \times 3!) + 2) - 1 \\
 295942 &:= 1 + 2 \times 3! + (((4! - 5) \times 6!) + (7 \times 8! + 9)) &= (9 \times (8! - 7!)) - (((6! \times 5 - 4) \times 3!) + 2) \times 1 \\
 295943 &:= (((1 \times 2 + 3!) \times (4! - 5)) - 6) + (7 \times 8! - 9) &= (9 + 8! \times 7) + ((6 + (((5 \times 4!) - 3)^2)) - 1) \\
 295944 &:= ((1 + ((2 + 3!) \times (4! - 5))) - 6) + (7 \times 8! - 9) &= (9 + (8 \times ((7! + 6!) \times 5))) + ((4^{3!+2}) - 1) \\
 295945 &:= (1 - (((2 \times 3!)^4) + 5!)) - (6! + ((7! - 8!) \times 9)) &= (9 + 8! \times 7) + (6 + (((5 \times 4!) - 3)^2) + 1) \\
 295946 &:= 1 - (2 - (((3 + (4 \times (5! - 6!))) - (7! - 8!)) \times 9)) &= (((9 + 8!) \times 7) - (6! \times (5 - 4!))) - (3!^2 + 1) \\
 295947 &:= (1 + 2)^3 + (((4 \times (5! - 6!)) - (7! - 8!)) \times 9) &= (9 \times (8! - 7!)) - ((6! \times 5 - 4) \times 3!) + (2 + 1) \\
 295948 &:= (((1 - (2 - 3!)) \times 4) \times 5) - 6! + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - (6! \times (5 - 4!))) - (3!^2 - 1) \\
 295949 &:= 1 \times (2 + (((3 + (4 \times (5! - 6!))) - (7! - 8!)) \times 9)) &= ((9 + 8! \times 7) - 6) - (5! - (4!^3 + 2 \times 1)) \\
 295950 &:= 1 \times (2 \times (((((3! \times 4) + 5^6) - 7) \times 8) - 9)) &= (((9 + 8!) \times 7) + 6) - (((5 - 4!) \times (3! - 2)) + 1) \\
 295951 &:= 1 + (2 \times (((((3! \times 4) + 5^6) - 7) \times 8) - 9)) &= (9 + (8! \times 7!/6!)) - (5! - ((4!^3) - (2 \times 1))) \\
 295952 &:= (1 - (((2 - 3!) \times (4! - 5)) - 6)) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + 6) - (((5 - 4!) \times (3! - 2)) - 1) \\
 295953 &:= (1 + 2)! + (((3 + (4 \times (5! - 6!))) - (7! - 8!)) \times 9) &= ((9 \times (((8 \times 7) \times (6! - 5!)) + (4 - 3!))) - 2) - 1 \\
 295954 &:= ((1 + 2)!! + 34) - (5 \times (6! \times (7 - 89))) &= ((9 + 8! \times 7) - (6! \times (5 - 4!))) + ((3! - 2)! + 1) \\
 295955 &:= 1 \times (((2 + 3!) \times (4! - 5)) + ((6 + 7 \times 8!) - 9)) &= (9 \times (8! - 7!)) - ((6! \times (5!/4)) - (3!^2 - 1)) \\
 295956 &:= (((1 + ((2 + 3!) \times 4) \times 5) - 6!) + (7 \times 8! - 9)) &= (((9 + (8! \times 7 + (6 - 5!))) + (4!^3)) - 2) - 1 \\
 295957 &:= 1 + (((2 + 3!)! + (4 - (5! \times (6 + 7 \times 8)))) \times 9) &= (((9 + (8! \times 7 + (6 - 5!))) + (4!^3)) - 2) \times 1 \\
 295958 &:= 1 \times (2 - ((3! - (4 - ((5! - 6!) \times 7 \times 8))) \times 9)) &= (((9 + (8! \times 7 + (6 - 5!))) + (4!^3)) - 2) + 1 \\
 295959 &:= 1 \times (((2 + 3!) \times 4!) - (5 \times 6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - (6! \times 5)) + (4! \times (3! - (2 - 1))) \\
 295960 &:= 1 \times (2 \times ((3!/4 \times (5! + (6! + 7))) - 8!/9)) &= ((9 + 8! \times 7) - 6) - (((5 - 4!) \times (3! + 2)) + 1) \\
 295961 &:= 1 + (2 \times ((3!/4 \times (5! + (6! + 7))) - 8!/9)) &= 9 \times 8 + ((7 + 6!) \times (5! + ((4! \times 3! \times 2) - 1))) \\
 295962 &:= ((1 + ((2 + 3!) \times (4! - 5))) - 6) + (7 \times 8! + 9) &= ((9 + 8! \times 7) - 6) - (((5 - 4!) \times (3! + 2)) - 1) \\
 295963 &:= (((-1 + ((2 \times 3)!) \times (4 \times 5)) - 6!) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) + ((5 \times 4) \times (3! - (2 - 1))) \\
 295964 &:= (((-1 + ((2 + 3!) \times 4) \times 5) - (6! - (7 \times 8!))) + 9) &= (9 \times (8! - (7! - 6))) - (((5! + (4! + 3))^2) + 1) \\
 295965 &:= (((((1 + 2)! + 3!) \times (4! - 5)) - 6) + (7 \times (8! - 9))) &= (9 \times (8! - (7! - 6))) - ((5! + (4! + 3))^2 \times 1) \\
 295966 &:= 1 - (((2 \times ((3! + 4!) \times 5) - 6)) + 7 - 8!) \times 9 &= (9 \times (8! - (7! - 6))) - (((5! + (4! + 3))^2) - 1) \\
 295967 &:= 1 \times (((2 + 3^4) \times (5 \times (6! - 7))) + 8 \times 9) &= (9 + (8! \times 7!/6!)) - ((5 - 4!) \times (3! + 2 \times 1)) \\
 295968 &:= (1 + ((2 + 3^4) \times (5 \times (6! - 7)))) + 8 \times 9 &= ((9 + 8! \times 7) - 6!) + (((5 \times 4) \times (3! + 2)) - 1) \\
 295969 &:= 1 \times (((2 + 3!) \times (4 \times 5)) - (6! - (7 \times 8! + 9))) &= ((9 + 8! \times 7) - 6!) + ((5 \times 4) \times (3! + 2 \times 1)) \\
 295970 &:= ((1 + ((2 + 3!) \times (4 \times 5))) - (6! - (7 \times 8!))) + 9 &= (9 + ((8! + 7) \times 6)) + (((5!/4)^3) \times 2) - 1) \\
 295971 &:= (((((1 + 2)^{3!+4}) \times 5) + (6! + 7)) + (8 - 9)) &= (9 + ((8! + 7) \times 6)) + (((5!/4)^3) \times 2 \times 1) \\
 295972 &:= (1 - 2 \times 3!) + (((4! - 5) \times 6!) + (7 \times (8! + 9))) &= (9 + ((8! + 7) \times 6)) + (((5!/4)^3) \times 2) + 1) \\
 295973 &:= (((1 \times 2 + 3!) \times (4! - 5)) + 6) + (7 \times 8! + 9) &= ((9 + 8 \times 7!) \times 6) + (((5!/4)^3) \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 295974 &:= (((1 + ((2 + 3!)) \times 4)) \times 5) - 6! + (7 \times 8! + 9) &= (((9 + 8!) \times 7) - 6!) + ((5 \times (4 \times 3! - 2)) + 1) \\
 295975 &:= 1 \times (2^{3!} + (((4! - 5) \times 6!) + 7 \times 8! - 9)) &= ((9 + 8 \times 7!) \times 6) + (((5!/4)^3) \times 2) + 1 \\
 295976 &:= (1 + (2^{3!} + (((4! - 5) \times 6!) + 7 \times 8!))) - 9 &= ((9 + 8! \times 7) - (6! \times 5)) + ((4! \times (3! + 2)) - 1) \\
 295977 &:= 1 - ((2 + 3!) \times ((4 \times (5! + 6! - 7)) - 8! - 9)) &= (9 \times (8! - 7!) - 6!) - (((5 + 4!) \times (3! - 2)) + 1) \\
 295978 &:= ((1 + ((2 + 3!)) \times 4!) - (5 \times 6!)) + (7 \times 8! + 9) &= ((9 + 8! \times 7) - (6! \times 5)) + ((4! \times (3! + 2)) + 1) \\
 295979 &:= (1 + ((2 - 3!)) \times (4! + 5!)) - (6! + ((7! - 8!) \times 9)) &= (9 \times (8! - 7!) - 6!) - (((5 + 4!) \times (3! - 2)) - 1) \\
 295980 &:= 1 + ((2 + (3! \times (4! - 5))) - (6 - (7 \times (8! + 9)))) &= ((9 + (8 \times (7! + 6!))) \times 5) + ((4^{3!+2}) - 1) \\
 295981 &:= (1 - (((2 + 3!)) - 4) \times (5 \times 6!)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - (((6 \times 5!)/4!) \times (3! - 2)) - 1) \\
 295982 &:= 1 \times 2 - (3 - (((4! - 5) \times 6!) + (7 \times (8! + 9)))) &= ((9 + (8 \times (7! + 6!))) \times 5) + ((4^{3!+2}) + 1) \\
 295983 &:= (((1 + 2) + 3!) \times 4!) - (5 \times 6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - ((6! \times (5 - 4!)) + (3 - 2))) + 1 \\
 295984 &:= 1 \times 2^{3!} + (((4 \times (5! - 6!)) - (7! - 8!)) \times 9) &= (((9 + 8!) \times 7) - 6!/5) + (4!^3 + (2 - 1)) \\
 295985 &:= (1 + 2^{3!}) + (((4 \times (5! - 6!)) - (7! - 8!)) \times 9) &= (((9 + 8!) \times 7) - 6) + (((5 \times 4!) - 3)^2) - 1) \\
 295986 &:= ((1 - (((2 + 3!)) - 4) \times 5) \times 6) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - (6 \times (((5!/4!) \times (3! - 2)) - 1)) \\
 295987 &:= (((1 - (2 + 3!)) \times (4 - 5!)) + 6) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - 6) + (((5 \times 4!) - 3)^2) + 1) \\
 295988 &:= ((1 + (2 \times 3^{4!})) \times 5) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) - (((5 - 4!) \times 3!)) + (2 - 1)) \\
 295989 &:= (1 + 2) + (3 + (((4! - 5) \times 6!) + (7 \times (8! + 9)))) &= (9 \times (8 + 7!)) + ((6! \times ((5! - 4) \times 3)) - 2 - 1) \\
 295990 &:= (((1 + 2)! + (3^4 \times 5)) \times 6!) + (7!/(8 \times 9)) &= (9 \times (8 + 7!)) + ((6! \times ((5! - 4) \times 3)) - (2 \times 1)) \\
 295991 &:= 1 \times (2 + ((3! \times (4! - 5)) + (6 + (7 \times (8! + 9)))) &= (9 \times (8 + 7!)) - ((6 \times (5! \times ((4! - 3!)/2))) + 1) \\
 295992 &:= 1 + (2 + ((3! \times (4! - 5)) + (6 + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - 6!) + ((5 \times ((4 \times 3!)) + 2)) - 1) \\
 295993 &:= 1 \times (((2 + 3! \times 4) \times 5) - (6! - (7 \times (8! + 9)))) &= 9 + (8 \times (7^6 - ((5 + (4!/3!)) \times 2) + 1)) \\
 295994 &:= (1 + (2^{3!} + (((4! - 5) \times 6!) + 7 \times 8!))) + 9 &= (((9 + 8!) \times 7) - 6!) + ((5 \times ((4 \times 3!)) + 2)) + 1) \\
 295995 &:= 1 \times (2 \times 3! + (((4! - 5) \times 6!) + (7 \times (8! + 9)))) &= (9 \times (8 + 7!)) + ((6! \times ((5! - 4) \times 3)) + (2 + 1)) \\
 295996 &:= 1 + 2 \times 3! + (((4! - 5) \times 6!) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - (6! \times (5 - 4!))) + (3! \times 2 + 1) \\
 295997 &:= 1 - (2 + (3! \times (4! - ((5 + 6) \times (7 + 8!/9)))) &= ((9 + 8!) \times 7) + ((6 + (((5 \times 4!) - 3)^2)) - 1) \\
 295998 &:= (((1 + 2)!^{3!}) \times 4) + (5^6 \times 7 + 8) - 9 &= (9 \times (8 + 7!)) - (6 \times ((5! \times ((4! - 3!)/2)) - 1)) \\
 295999 &:= (((1 + 2)! + (3^4 \times 5)) \times 6!) + 7 + 8 \times 9 &= ((9 + 8!) \times 7) + (6 + (((5 \times 4!) - 3)^2) + 1) \\
 296000 &:= 1 - (2 - (3 \times ((4! - 5) \times (6! - (7 - 8!/9)))) &= 9 + ((8 \times (7^6 - ((5 + (4!/3!)) \times 2))) - 1)
 \end{aligned}$$

2.1.17 Numbers From 296001 to 297000

$$\begin{aligned}
 296001 &:= ((1 + 2) \times (3 - ((4 - 5!) \times 6!))) + ((7! + 8) \times 9) &= ((9 - (8 - 7))^6) + (((5! + 4^3)^2) + 1) \\
 296002 &:= (((1 + 2)! + (3^4 \times 5)) \times 6!) - 7 + 89 &= (((9 + 8!) \times 7) - 6) - (5! - (4!^3 + (2 - 1))) \\
 296003 &:= 1 \times (2 + (3 \times ((4! - 5) \times (6! - (7 - 8!/9)))) &= (((9 + 8!) \times 7) - 6) - (5! - (4!^3 + 2 \times 1)) \\
 296004 &:= 1 + (2 + (3 \times ((4! - 5) \times (6! - (7 - 8!/9)))) &= (9 \times (8! - (7! - 6))) - ((5!/4) \times (3! - (2 - 1))) \\
 296005 &:= 1 + (((2 + 3) + ((4! \times (5 + 6!)) + 7)) \times (8 + 9)) &= ((9 + 8!) \times 7!/6!) - (5! - ((4!^3) - (2 \times 1))) \\
 296006 &:= ((1 \times 23) + ((4! - 5) \times 6!)) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - (6! \times (5 - 4!))) + ((3! - 2)! - 1) \\
 296007 &:= 1 \times (((2 + 3!)! - ((4 \times 5!) - 6) \times 7) \times 8) - 9 &= (((9 + 8!) \times 7) - (6! \times 5)) + (4! \times (3! + (2 - 1))) \\
 296008 &:= 1 + (((2 + 3!)! - ((4 \times 5!) - 6) \times 7) \times 8) - 9 &= (9 + ((8!/7!)^6)) + (((5! + 4^3)^2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 296009 &:= 1 - (2 - (((3!! \times 4! + 5^6) - (7 + 8)) \times 9)) &= (9 \times (8! - (((7! \times 6) + 5!)/4))) + 3!! \times 2 - 1 \\
 296010 &:= (1 + 2 \times 3!) \times (((4 \times (5!/6 + 7!))/8) \times 9) &= (9 + ((8!/7!)^6)) + (((5! + 4^3)^2) + 1) \\
 296011 &:= 1 - (((2 - (3 - 4))!) \times ((5 - 6!) \times (78 - 9))) &= (9 \times (8! - (((7! \times 6) + 5!)/4))) + (3!! \times 2 + 1) \\
 296012 &:= (((1 + 2)^{3!+4}) \times 5) + (6! + 7 \times 8) - 9 &= (((9 \times 8) + 7) \times ((6 \times (5^4)) - 3)) - 2 + 1 \\
 296013 &:= (((1 + 2)! + 3!! \times 4) \times 5) - 6! + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + 6) - (5! - (4!^{3!-2-1})) \\
 296014 &:= 1 \times ((2 + (3! + (((4 \times 5!) - 6) \times 7))) \times 89) &= (((9 + 8!) \times 7) - 6) - (((5 - 4!) \times (3!! + 2)) + 1) \\
 296015 &:= 1 \times (((2 + 3!!) \times (4! - 5)) - (6 - (7 \times (8! + 9)))) &= ((9 + (8! + 7)) \times 6) + (((5!/4)^3) \times 2) - 1 \\
 296016 &:= (1 + (((2 \times (3!! \times 4) + 5^6)) - 7) \times 8) - 9 &= (((9 + 8!) \times 7) - 6) - (((5 - 4!) \times (3!! + 2)) - 1) \\
 296017 &:= (1 + 2 \times 3!!) - (4! \times ((5 - 6! - 7) \times (8 + 9))) &= ((9 + (8! + 7)) \times 6) + (((5!/4)^3) \times 2) + 1 \\
 296018 &:= 1 \times (2 - (3!! - (4! \times (5 + ((6! + 7) \times (8 + 9)))))) &= 9 + (((8! + 7!/6)/5!) \times ((4! \times (3!^2)) - 1)) \\
 296019 &:= (1 + 2) \times (3! + ((4! - 5) \times (6! - (7 - 8!/9)))) &= (((9 + 8!) \times 7) + 6!) + (((5 \times 4!) - 3!)^2 \times 1) \\
 296020 &:= (1 \times 2 + 3!!) \times (4 \times 5 - (6 \times (7 - 8 \times 9))) &= ((9 + 8!) \times 7) + (6! + (((5 \times 4!) - 3!)^2) + 1) \\
 296021 &:= 1 + (((2 - (3 \times 4)) - (5 \times 6!)) \times (7 - 89)) &= 9 - (8 - ((7!/6 - 5 \times 4) \times (3!!/2 + 1))) \\
 296022 &:= ((1 + 2 \times 3!!) \times ((4! + 5) \times 6)) + ((7! - 8) \times 9) &= (((9 + 8!) \times 7) - 6!) + (((5 \times 4) \times (3!! + 2)) - 1) \\
 296023 &:= (((1 + (2 \times (3!! \times 4) + 5^6))) - 7) \times 8 - 9 &= (((9 + 8!) \times 7) - 6!) + ((5 \times 4) \times (3!! + 2 \times 1)) \\
 296024 &:= ((1 + ((2 + 3!!) \times (4 \times 5))) - 6!) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - 6!) + (((5 \times 4) \times (3!! + 2)) + 1) \\
 296025 &:= 1 \times (((2 + 3!!) - (((4 \times 5!) - 6) \times 7) \times 8) + 9) &= (9 + (8! \times 7 + ((6! + 5) \times (4! - (3 + 2)))) + 1) \\
 296026 &:= 1 + (((2 + 3!!) - (((4 \times 5!) - 6) \times 7) \times 8) + 9) &= (((9 + 8!) \times 7) + 6) - (((5 - 4!) \times (3!! + 2)) + 1) \\
 296027 &:= 1 \times (((2 + 3!!) \times (4! - 5)) + (6 + (7 \times (8! + 9)))) &= (9 \times (8! - 7!)) + (((6 \times (5 \times (4 - 3!!)) - 2)) - 1) \\
 296028 &:= (((1 + ((2 + 3!!) \times 4) \times 5) - 6!) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + 6) - (((5 - 4!) \times (3!! + 2)) - 1) \\
 296029 &:= (1 - ((2 + ((3!! - 4) \times 5)) \times 6)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) + (((6 \times (5 \times (4 - 3!!)) - 2)) + 1) \\
 296030 &:= (((1 + 2)^{3!+4}) \times 5) + (6! + 7 \times 8) + 9 &= (((9 + 8!) \times 7) - (6! \times 5)) + ((4! \times (3!! + 2)) - 1) \\
 296031 &:= ((1 \times 2 + 3!!) \times 4!) - (5 \times 6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - (6! \times 5)) + (4! \times (3!! + 2 \times 1)) \\
 296032 &:= ((1 + ((2 + 3!!) \times 4!)) - (5 \times 6!)) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - (6! \times 5)) + ((4! \times (3!! + 2)) + 1) \\
 296033 &:= 1 \times (((2 \times (3!! \times 4) + 5^6)) - 7) \times 8 + 9) &= (9 \times (8! - (7! - 6))) - (((5!/4) \times (3!! - 2)) + 1) \\
 296034 &:= (1 + (((2 \times (3!! \times 4) + 5^6)) - 7) \times 8) + 9 &= (9 \times (8! - (7! - 6))) - ((5!/4) \times (3!! - (2 \times 1))) \\
 296035 &:= 1 - (2 \times ((3! \times (4! + 5^6 - 7! \times 8)) + 9)) &= (9 \times (8! - (7! - 6))) - (((5!/4) \times (3!! - 2)) - 1) \\
 296036 &:= ((1 + 2 \times 3!) \times 4) \times (5 + (6! + (7! - 8 \times 9))) &= 9 + (8! + ((7 + (6 \times 5)) \times (((4!^3)/2) - 1))) \\
 296037 &:= (((1 + 2)! + 3!!) \times (4! - 5)) - (6 - (7 \times 8!)) + 9 &= 9 + 8 + ((7!/6 - 5 \times 4) \times (3!!/2 + 1)) \\
 296038 &:= (((1 + 2)! \times (3^4 \times 5)) - (6 \times 7)) + 8!/9 &= ((9 \times (8! - 7!)) + 6!) - (((5 + 4! \times 3!)^2) + 1) \\
 296039 &:= 1 - (2 + (((3!! - 4) \times (5 \times 6)) + ((7! - 8!) \times 9))) &= (9 \times 8 \times (7! - 6!)) - (((5^4) \times (3! - 2)!) + 1) \\
 296040 &:= ((1 + 2)! \times 3!!) + (4! \times (5 + ((6! + 7!/8) \times 9))) &= ((9 \times (8! - 7!)) + 6!) - (((5 + 4! \times 3!)^2) - 1) \\
 296041 &:= (((1 + (2 \times (3!! \times 4) + 5^6))) - 7) \times 8 + 9 &= (9 \times 8 \times (7! - 6!)) - (((5^4) \times (3! - 2)!) - 1) \\
 296042 &:= 1 \times (2 - (((3!! - 4) \times (5 \times 6)) + ((7! - 8!) \times 9))) &= ((9 \times (8! - 7!)) + ((6 \times 5) \times (4 - 3!!))) + (2 \times 1) \\
 296043 &:= 1 + (2 - (((3!! - 4) \times (5 \times 6)) + ((7! - 8!) \times 9))) &= (((9 + 8! \times 7) - 6 \times 5) + (4!^3)) \times (2 - 1) \\
 296044 &:= 1 - (((2 \times 3!) \times (4! + 5^6 - 7! \times 8)) + 9) &= (((9 + 8! \times 7) - 6 \times 5) + (4!^3 + 2)) - 1 \\
 296045 &:= -1 - (((2 \times ((3 + 4)^5)) - 6!) \times ((7 - 8) \times 9)) &= (9 - (8!/7)) + ((6! + (5! - 4)) \times (3!!/2 + 1)) \\
 296046 &:= (((1 + 2) + 3!!) \times (4! - 5)) + (6 + (7 \times (8! + 9))) &= (((9 + 8! \times 7) - 6 \times 5) + (4!^3 + 2)) + 1 \\
 296047 &:= 1 \times (2^{3!} + (((4! - 5) \times 6!) + (7 \times (8! + 9)))) &= ((9 + 8! \times 7) - 6) + ((5! - 4) \times (((3 + 2)!) - 1))
 \end{aligned}$$

$$\begin{aligned}
 296048 &:= 1 \times ((2 \times (3!^4 \times (5! - 6))) + (7! - 8!/9)) &= (9 + 8! \times 7) + (((6! - 5!) \times (4! - (3 - 2))) - 1) \\
 296049 &:= (1 + ((2 \times (3!^4 \times (5! - 6))) + 7!)) - 8!/9 &= (9 - (8!/7)) - (6! - (5! \times (((4 + 3)!/2) + 1))) \\
 296050 &:= (1 + (2 + 3!)) + (((4! - 5) \times 6!) + (7 \times 8! + 9)) &= (9 + 8! \times 7) + (((6! - 5!) \times (4! - (3 - 2))) + 1) \\
 296051 &:= ((-1 + 23)^4) + (5 \times ((6! + 7) \times (8 + 9))) &= (9 \times (8! - 7!)) + ((6 \times ((5 \times (4 - 3!)) + 2)) - 1) \\
 296052 &:= 1 \times (((2 - ((3!! - 4) \times 5)) \times 6) - ((7! - 8!) \times 9)) &= (9 \times (8! - 7!)) + (6 \times ((5 \times (4 - 3!)) + 2 \times 1)) \\
 296053 &:= (1 + ((2 - ((3!! - 4) \times 5)) \times 6)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) + ((6 \times ((5 \times (4 - 3!)) + 2)) + 1) \\
 296054 &:= 1 - (2 - (3 \times ((45 + (6! + 7!)) \times (8 + 9)))) &= (9 \times ((8 + 7) - 6!)) + ((5! \times (((4 + 3)!/2)) - 1) \\
 296055 &:= (((1 + 2)^3) + 4!) \times (((5! + (6! \times 7))/8) \times 9) &= (9 + 8! \times 7 + 6) - (5! \times (4 - (((3 + 2)! - 1))) \\
 296056 &:= (((1 + (2 + 3!)) - 4!) \times 5!) + 6^7 + 8!/9 &= (9 \times ((8 + 7) - 6!)) + ((5! \times (((4 + 3)!/2)) + 1) \\
 296057 &:= 1 \times (2 + (3 \times ((45 + (6! + 7!)) \times (8 + 9)))) &= (9 + (8! \times 7!/6!)) + ((5 + (4!^3)) - 21) \\
 296058 &:= (1 - ((2 - (3!! - 4!)) \times (5!/6))) + (7 \times (8! - 9)) &= (9 \times (8! - 7!) - 6!) - (5 + (((4! \times 3!)^2) + 1)) \\
 296059 &:= 1 - (2 \times (((3! + 4!) \times (5! - (6 + 7! + 8))) - 9)) &= 9 - (8 + (7 \times ((6 - 5!) \times (((4! + 3!)/2) - 1)))) \\
 296060 &:= (1 - (((2 \times 3!)^4) + (5 + 6!))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - 6!) - ((5 + ((4! \times 3!)^2)) - 1) \\
 296061 &:= (1 + ((2 \times 3!! + 4) \times 5)) \times (6 \times 7 + (8 - 9)) &= ((9 + 8! \times 7) - 6) - (5 - ((4!^3) - (2 - 1))) \\
 296062 &:= 1 - (((2 \times 3!) \times (4! + 5^6 - 7! \times 8)) - 9) &= (9 \times (8! - 7!) - ((6! \times 5 - 4!) \times 3!)) - 2 \times 1 \\
 296063 &:= 1 - (2 - ((3! \times (4! - (5 \times 6!))) - ((7! - 8!) \times 9))) &= (9 \times (8! - (7! + (6!/5)))) - (((4!/3)!/2) + 1) \\
 296064 &:= 1 \times 2 \times (((3!! - 4) \times (5 \times 6)) - (7! - 8)) \times 9 &= (((9 + 8! \times 7) - 6!/5!) + (4!^3)) - 2 - 1 \\
 296065 &:= (1 - ((2 \times 3!)^4)) - ((5! \times 6) + ((7! - 8!) \times 9)) &= (((9 + 8! \times 7) - 6!/5!) + (4!^3)) - 2 \times 1 \\
 296066 &:= 1 \times ((2 + (3! \times (4! - (5 \times 6!)))) - ((7! - 8!) \times 9)) &= (((9 + 8! \times 7) - 6!/5!) + (4!^3)) - 2 + 1 \\
 296067 &:= 1 + ((2 + (3! \times (4! - (5 \times 6!)))) - ((7! - 8!) \times 9)) &= ((9 + (8! \times 7!/6!)) - 5) + ((4!^3) - (2 - 1)) \\
 296068 &:= -12 - ((34 \times 5!) - (67 \times (8!/9))) &= (9 \times (8! - 7!) - 6!) + (5 - (((4! \times 3!)^2) + 1)) \\
 296069 &:= 1 - (2 - ((3! + 4!) \times (5 - 6!)) - ((7! - 8!) \times 9)) &= ((9 \times (8! - 7!) - 6! + 5) - ((4! \times 3!)^2)) \times 1 \\
 296070 &:= (1 - (((2 \times 3!)^4) - 5)) - (6! + ((7! - 8!) \times 9)) &= (9 \times (8! - 7!) - 6!) + (5 - (((4! \times 3!)^2) - 1)) \\
 296071 &:= 1 - (2 \times (3!! \times 4 - (5 \times ((6 \times (7! - 8)) - 9)))) &= ((9 + 8! \times 7) + (((6 - 5) \times 4!)^3)) - 2 \times 1 \\
 296072 &:= (1 - (2 \times (3!! \times 4! - ((5^6 + 7!) \times 8)))) - 9 &= 9 + 8! + (((7 + (6 \times 5)) \times ((4!^3)/2)) - 1) \\
 296073 &:= ((1 + ((2 \times 3!)^4)) - (5! - 6^7)) - 8!/9 &= (9 + 8! \times 7 + 6) - (5 - ((4!^3) - (2 - 1))) \\
 296074 &:= (((1 + 2)!) \times (3^4 \times 5)) - (6 - (7! \times 8/9)) &= 9 + 8! + (((7 + (6 \times 5)) \times ((4!^3)/2)) + 1) \\
 296075 &:= 1 \times ((2 + (3^4 \times (5 \times 6!))) - (7 - 8!/9)) &= ((9 + 8! \times 7) + (((6 - 5) \times 4!)^3 + 2)) \times 1 \\
 296076 &:= 1 + ((2 + (3^4 \times (5 \times 6!))) - (7 - 8!/9)) &= (((9 + (8! \times 7 + (6!/5!))) + (4!^3)) - 2) - 1 \\
 296077 &:= 1 - ((2 \times 3!) \times (4! + (5^6 + (7 - 8! - 9)))) &= (((9 + (8! \times 7 + (6!/5!))) + (4!^3)) - 2) \times 1 \\
 296078 &:= 1 \times (((23 - 4) \times (5 + 6!)) + (7 \times (8! + 9))) &= (((9 + (8! \times 7 + (6!/5!))) + (4!^3)) - 2) + 1 \\
 296079 &:= ((1 + 2)! + (3^4 \times (5 \times 6!))) - (7 - 8!/9) &= 9 - (((8 - (7! \times 6)) + 5^4) \times (3^2 + 1)) \\
 296080 &:= (1 \times 2 \times ((3!! \times 4) + 5^6)) \times (7 - 8 + 9) &= (9 + (8 \times ((7^{6!/5!}) - ((4!/3)! \times 2)))) - 1 \\
 296081 &:= (((1 + 2)!) \times (3^4 \times 5)) - 6 + (7 + 8!/9) &= (9 + (8 \times ((7^{6!/5!}) - ((4!/3)! \times 2)))) \times 1 \\
 296082 &:= (1 \times 2 + (3^4 \times (5 \times 6!))) + (7! \times 8/9) &= (9 + (8 \times ((7^{6!/5!}) - ((4!/3)! \times 2)))) + 1 \\
 296083 &:= ((1 + 2) + (3^4 \times (5 \times 6!))) + (7! \times 8/9) &= (9 + 8! \times 7 + 6) + ((5 + (4!^3)) - (2 - 1)) \\
 296084 &:= (((1 + 2)^{3+4}) \times 5) + 6! + (7 \times (8 + 9)) &= (9 + 8! \times 7 + 6) + (5 + (4!^{3!-2-1})) \\
 296085 &:= (((1 + 2 \times 3!!) \times ((4! + 5) \times 6)) + (7! + 8!)) - 9 &= (9 - 8) \times ((7^6) + ((5! + 4) \times (3!! \times 2 - 1)))
 \end{aligned}$$

$$\begin{aligned}
 296086 &:= 1 - (2 - ((3^4 \times (5 \times 6!)) + (7 + 8!/9))) &= 9 - (8 - ((7^6) + ((5! + 4) \times (3!! \times 2 - 1)))) \\
 296087 &:= (((1 \times 23)^4) + (5^6 + 7!/8)) - 9 &= ((9 - 8!) + (((7!/6!)^5) \times 4)) \times ((3! \times 2) - 1) \\
 296088 &:= 1 \times ((2 + 3!) + (4! \times (5^6 - (7! - 8 \times 9)))) &= (9 + (8! + (7 \times (6 - (5! \times 4)))) \times (3! + 2 \times 1) \\
 296089 &:= 1 - ((2 + 3!) \times (((4 \times 5!) - 6) \times 7) - 8! - 9) &= (9 - 8) \times ((7^6) + (5! \times (((4! + 3!!) \times 2) - 1))) \\
 296090 &:= (1 - (2 \times (3!! \times 4! - ((5^6 + 7!) \times 8)))) + 9 &= 9 - (8 - ((7^6) + (5! \times (((4! + 3!!) \times 2) - 1)))) \\
 296091 &:= (((1 + 2)! + 3!!) \times (4! - 5)) - 6 + (7 \times (8! + 9)) &= (((9 \times 8) + 7) \times ((6 \times (5^{4!/3!})) - 2)) - 1 \\
 296092 &:= 1 \times ((2 - 3^4) \times (5 + (6! + (7 - 8!/9)))) &= (((9 \times 8) + 7) \times ((6 \times (5^{4!/3!})) - 2)) \times 1 \\
 296093 &:= 1 + ((2 - 3^4) \times (5 + (6! + (7 - 8!/9)))) &= (((9 \times 8) + 7) \times ((6 \times (5^{4!/3!})) - 2)) + 1 \\
 296094 &:= (((1 + 2)! - 3!!) \times (4! + 5)) - (6! + ((7! - 8!) \times 9)) &= (9 \times (8! - 7!)) + (6 \times ((5 \times (4 - (3!! - 2))) - 1)) \\
 296095 &:= (((12^3) \times 4!) + (5! + 6!)) \times 7 - 89 &= (((9 + 8!) \times 7) - 6 \times 5) + ((4!^3) - (2 \times 1)) \\
 296096 &:= 1 - ((2 + ((3!! \times (4 - 5!)) / 6)) - (7 \times (8! - 9))) &= ((9 + 8!) \times 7) - ((6 \times 5) - ((4!^3) - (2 - 1))) \\
 296097 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times (6! - 7)) + 8!/9 &= (((9 + 8!) \times 7) - 6) - (5! \times (4 - (((3 + 2)!) - 1))) \\
 296098 &:= ((1 + 2) \times ((3! + 4)^5 + 6)) + ((7! - 8!) / 9) &= ((9 + 8!) \times 7) - ((6 \times 5) - (4!^3 + (2 - 1))) \\
 296099 &:= 1 - (2 \times (3!! \times 4! - ((5^6 + 7!) \times 8) + 9)) &= 9 \times ((8! + (7! + (6! \times 5!)) / 4)) - (3!! / 2 + 1) \\
 296100 &:= 1 + (2 - (((3!! \times (4 - 5!)) / 6) - (7 \times (8! - 9)))) &= 9 \times ((8! - 7! / 6) / (5! / 4)) \times ((3! - 2)! + 1) \\
 296101 &:= (1 + ((2 - (3!! - 4)) \times (5 \times 6))) - ((7! - 8!) \times 9) &= 9 \times ((8! + (7! + (6! \times 5!)) / 4)) - (3!! / 2 - 1) \\
 296102 &:= (((-1 + 2) - (3 \times 4)) - (5 \times 6!)) \times (7 - 89) &= ((9 + 8!) \times 7) + (((6! - 5!) \times (4! - (3 - 2))) - 1) \\
 296103 &:= (((1 + 2 \times 3!!) \times ((4! + 5) \times 6)) + (7! + 8!)) + 9 &= (9 + (8! + 7!)) + (6 \times ((5 + 4!) \times (3!! \times 2 + 1))) \\
 296104 &:= (1 - (((2 + 3!) \times (4 - 5!)) - 6)) + (7 \times (8! - 9)) &= ((9 + (8! \times 7 + (6 \times 5))) + (4!^3 + 2)) - 1 \\
 296105 &:= 1 \times ((23^4) + (5^6 + (7! / 8 + 9))) &= ((9 + (8! \times 7 + (6 \times 5))) + (4!^3 + 2)) \times 1 \\
 296106 &:= ((1 + ((2 - (3!! - 4)) \times 5)) \times 6) - ((7! - 8!) \times 9) &= ((9 + (8! \times 7 + (6 \times 5))) + (4!^3 + 2)) + 1 \\
 296107 &:= (1 + ((2 - (3!! / 4)) \times 5!)) - (((6 + 7!) - 8!) \times 9) &= 9 + (((8! - 7! / 6) \times 5) / 4 \times 3!) - 2 \times 1 \\
 296108 &:= ((1 - (2 \times (3! + 4!))) \times (5! / 6 - 7!)) - 8 \times 9 &= (9 + 8! \times 7) + (((6! + ((5! / 4)^3)) / 2) - 1) \\
 296109 &:= 1 \times ((2 \times (3!^4 \times (5! - 6))) + (7! / 8 - 9)) &= (((9 + 8!) \times 7) + 6) - (5! \times (4 - (((3 + 2)!) - 1))) \\
 296110 &:= (1 + (2 \times (3!^4 \times (5! - 6)))) + (7! / 8 - 9) &= (9 + 8! \times 7) + (((6! + ((5! / 4)^3)) / 2) + 1) \\
 296111 &:= (((((1 + 2) - 3!!) \times (4 - 5!)) / 6) + 7 \times 8!) + 9 &= 9 + (((8! - 7! / 6) \times 5) / 4 \times 3!) + (2 \times 1) \\
 296112 &:= (1 - (((2 - (3!! - 4)) \times (5! / 6)) - (7 \times 8!))) - 9 &= ((9 \times 8) + (7! / 6! + 5!)) \times ((4! + 3!!) \times 2 \times 1) \\
 296113 &:= (((1 - (2 + 3!)) \times (4 - 5!)) + 6) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + 6) + ((5! - 4) \times (((3 + 2)!) - 1)) \\
 296114 &:= (-1 \times 2) - ((3!! + 4) \times (5 - (6 \times (78 - 9)))) &= (((9 + 8!) \times 7) - 6) - (5 - ((4!^3) - (2 \times 1))) \\
 296115 &:= (1 - ((2 - ((3!! + 4!) \times 56)) \times 7)) + 8!/9 &= (((9 + 8!) \times 7) - 6) - (5 - ((4!^3) - (2 - 1))) \\
 296116 &:= -12 + (((3!! + 4!) \times (56 \times 7)) + 8!/9) &= (((9 + 8!) \times 7) - 6) - (5 - (4!^{3! - 2 - 1})) \\
 296117 &:= (-1 + 2) - ((3!! + 4) \times (5 - (6 \times (78 - 9)))) &= (((9 + 8!) \times 7) - 6) - (5 - (4!^3 + (2 - 1))) \\
 296118 &:= (1 + 2) \times ((3!! \times (4! + 5!)) - ((6 + 7!) - 8 \times 9)) &= 9 + (((8! - 7! / 6) \times 5) / 4 \times 3) \times 2 \times 1 \\
 296119 &:= (1 + 2) + ((3!! + 4) \times ((56 \times 7) + 8 + 9)) &= (((9 + 8!) \times 7) - 6) - (5 - (4!^3 + (2 + 1))) \\
 296120 &:= (1 \times 2 + 3!) \times (4^5 + (6! - (7! - 8! + 9))) &= 9 + ((8 \times ((7^6) + (5 - ((4! / 3!) \times 2)))) - 1 \\
 296121 &:= 1 - ((2 \times ((3! + 4!) \times (5 \times 6 - 7!))) + 8! / 9) &= 9 + (8 \times ((7^6) + (5 - ((4! / 3!) \times 2 \times 1)))) \\
 296122 &:= (((1 + 2)!) \times (3^4 \times 5)) + 6 \times 7 + 8! / 9 &= 9 + (8! + ((7^6) + ((5! - 4!) \times (3!! \times 2 - 1)))) \\
 296123 &:= 1 - (((2 + 3!)! / 4!) - (5^6 + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7! / 6!) - 5) + (4!^3 + (2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 296124 &:= (1+2)! - (3! \times (4 - ((5+6) \times (7+8!/9)))) &= (((9+8!) \times 7!/6!) - 5) + (4!^3) + (2 \times 1) \\
 296125 &:= -1 - (2 - (((3!!+4!) \times (56 \times 7)) + 8!/9)) &= (((9+8!) \times 7) - 6) + ((5 + (4!^3)) - (2 - 1)) \\
 296126 &:= 1 - (2 - ((3^4 \times (5 \times 6! + 7 \times 8)) - 9)) &= (((9+8!) \times 7) + 6) - (5 - ((4!^3) - (2 \times 1))) \\
 296127 &:= ((1 \times 2 \times (3!^4 \times (5! - 6))) + 7!/8) + 9 &= (((9+8!) \times 7) + 6) - (5 - ((4!^3) - (2 - 1))) \\
 296128 &:= (1 + (2 \times (3!^4 \times (5! - 6)))) + (7!/8 + 9) &= (((9+8!) \times 7) - 6) + (5 + (4!^3 + 2 \times 1)) \\
 296129 &:= ((1 \times 2 + 3!) \times (4^5 + 6!)) + (7 \times (8! - 9)) &= (((9+8!) \times 7) + 6) - (5 - (4!^3 + (2 - 1))) \\
 296130 &:= (1 - (((2 - (3!! - 4!)) \times (5!/6)) - (7 \times 8!))) + 9 &= (((9+8!) \times 7) + (6!/5!)) + (4!^3) - 2 - 1 \\
 296131 &:= 1 + (2 + (((3!!+4!) \times (56 \times 7)) + 8!/9)) &= (((9+8!) \times 7) + (6!/5!)) + (4!^3) - 2 \times 1 \\
 296132 &:= 1 \times 2 - 3! \times (\sqrt{4} - (5+6) \times (7+8!/9)) &= (((9+8!) \times 7) + (6!/5!)) + (4!^3) - 2 + 1 \\
 296133 &:= (1+2)! + ((3^4 \times (5 \times 6! + 7 \times 8)) - 9) &= (((9+8!) \times 7!/6!) + 5) + (4!^3 + (2 - 1)) \\
 296134 &:= ((1+2)! + ((3!!+4!) \times (56 \times 7))) + 8!/9 &= (((9+8!) \times 7!/6!) + 5) + (4!^3) + (2 \times 1) \\
 296135 &:= 1 - (2 - ((3!! \times 4! + (5^6 + (7 - 8))) \times 9)) &= (((9+8!) \times 7) + (6!/5!)) + (4!^3) + (2 \times 1) \\
 296136 &:= (1 - (((2 + (3 \times (4! - (5! \times 6!))))/7) \times 8)) - 9 &= (9 \times 8!/7! - 6!) \times ((5 - 4!) \times (3! - 2)!) - 1 \\
 296137 &:= 1 \times (((2 + 3!!) - 4!) \times (5!/6)) + (7 \times (8! - 9)) &= (9 \times ((8^{(7-6) \times 5}) - 4!)) + (3!! \times 2 + 1) \\
 296138 &:= (1 + (((2 + 3!!) - 4!) \times (5!/6))) + (7 \times (8! - 9)) &= (9 \times (8! - (7 \times (6! + 5!)))) - ((4!^3) - (2 \times 1)) \\
 296139 &:= ((1 - 2 \times 3!!) \times 4) - (5^6 + ((7! - 8!) \times 9)) &= (9 \times (8! - (7 \times (6! + 5!)))) - ((4!^3) - 2 - 1) \\
 296140 &:= (1 + 2^{3!}) \times ((4 + (5 + 67)) + 8!/9) &= (((9+8!) \times 7) + 6) + (5 + (4!^3 + 2 \times 1)) \\
 296141 &:= (((1+2)! \times (3!! - 4!)) - 5) \times (6 - 7 + 8 \times 9) &= (((9+8!) \times 7) + 6) + (5 + (4!^3 + (2 + 1))) \\
 296142 &:= (1 - 2 \times 3!) \times (((4 - 5) \times 6) \times (7 + 8!/9)) &= (9 \times (8! - (7 \times (6! + 5!)))) - ((4!^3) - (2 + 1)!) \\
 296143 &:= (1+2) + ((3!! \times 4! + (5!/6 \times 7)) \times (8+9)) &= 9 + (8! - ((7+6) \times (5 - ((4!+3)^{2+1})))) \\
 296144 &:= 1 - (2 + ((3!! \times 4! + 5^6) \times ((7 - 8) \times 9))) &= (((9+8!) \times 7) + 6) + (5 + (4!^3 + (2 + 1)!)) \\
 296145 &:= ((1+2)!^3) + (((4! - 5) \times 6!) + (7 \times 8! + 9)) &= ((9+8!) \times 7) - (6! \times (5 - 4!)) + (3!^{2+1}) \\
 296146 &:= (1 - (((2+3)! \times (4 - 5!)) + 6)) + (7 \times 8! - 9) &= (((-9+8!) \times 7) + (6!/5)) + (4!^3 + 2) - 1 \\
 296147 &:= 1 - (2 + ((3 \times 4) \times (5^6 + (7 - 8! + 9)))) &= ((9 + (8 \times 76)) \times (5! \times 4)) - (3! \times 2 + 1) \\
 296148 &:= 1 - (((2 - (3! + 4!)) \times (5^6 - 7! - 8)) + 9) &= ((9+8!) \times 7) - (6 + ((5 - 4!) \times (3^{(2+1)!}))) \\
 296149 &:= (((1+2) + ((3!!+4!) \times 56)) \times 7) + 8!/9 &= ((9 + (8 \times 76)) \times (5! \times 4)) - ((3! \times 2) - 1) \\
 296150 &:= 1 - ((2 + ((3!! \times (4 - 5!)) / 6)) - (7 \times 8! - 9)) &= (9 - 8) \times ((7! \times 6 - (5^4)) \times (3^2 + 1)) \\
 296151 &:= 1 + (2 - ((3 \times 4) \times (5^6 + (7 - 8! + 9)))) &= 9 - 8 + ((7! \times 6 - (5^4)) \times (3^2 + 1)) \\
 296152 &:= 12 + ((3!! \times 4! + (5!/6 \times 7)) \times (8+9)) &= 9 - (((8 \times 7) - 6!) \times (5 + ((4! - 3)^2))) + 1 \\
 296153 &:= 1 \times (2 - (((3!! \times (4 - 5!)) / 6) - (7 \times 8! - 9))) &= 9 + (8 \times ((7^6) + (((5 - (4!/3)!) \times 2) - 1))) \\
 296154 &:= (1 - (((2 + (3 \times (4! - (5! \times 6!))))/7) \times 8)) + 9 &= 9 - (((8 \times 7) - 6!) \times (5 + ((4! - 3)^2))) - 1 \\
 296155 &:= ((1 + ((2 - (3!!/4)) \times 5!)) - 6) - ((7! - 8!) \times 9) &= (9 \times 8 \times (7! - 6!)) - (((5! - 4 + 3!)^2) + 1) \\
 296156 &:= (12 \times ((3 - (4! - (5 \times 6!))) \times 7)) - 8!/9 &= (9 \times 8 \times (7! - 6!)) - ((5! - 4 + 3!)^2 \times 1) \\
 296157 &:= (1+2)! + (((3!! - 4!) \times (5!/6)) + 7 \times 8! - 9) &= ((9 \times 8) + (7^6)) + ((5! + 4) \times (3!! \times 2 - 1)) \\
 296158 &:= (1 - (((2+3)! \times (4 - 5!)) - 6)) + (7 \times 8! - 9) &= ((9+8!) \times 7) + ((6 \times 5) + (4!^3 + (2 - 1))) \\
 296159 &:= ((1+2)! \times 3!!) - (((4! \times (5 - 6!)) - 7) \times (8+9)) &= ((9+8!/7!) \times ((6! + 5) \times 4!)) + (3!!/2 - 1) \\
 296160 &:= 1 \times 2 \times (3! - ((4! + 5) \times (6 - (7! + 8 \times 9)))) &= 9 + ((8 \times ((7^6) + ((5 - (4!/3)!) \times 2))) - 1) \\
 296161 &:= (1 + ((2 - (3!!/4)) \times 5!)) - ((6! \times 7 - 8!) \times 9) &= ((9+8!/7!) \times ((6! + 5) \times 4!)) + (3!!/2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 296162 &:= 1 \times ((2 + 3!! + 4!) \times (((5 \times (6! - 7)) + 8)/9)) &= ((9 + 8!) \times 7) + (((6! + ((5!/4)^3))/2) - 1) \\
 296163 &:= 1 + ((2 + 3!! + 4!) \times (((5 \times (6! - 7)) + 8)/9)) &= (9 - ((8! + (7! \times 6))/5)) \times (4 - ((3! - 2)! + 1)) \\
 296164 &:= (1 - (((2 + 3)! \times (4 - 5!)) + 6)) + (7 \times 8! + 9) &= ((9 + 8!) \times 7) + (((6! + ((5!/4)^3))/2) + 1) \\
 296165 &:= (((1 + 2) - 3!!) \times (4 - 5!))/6 + (7 \times (8! + 9)) &= (9 \times (8!/7)) - ((6! + 5) \times (4! - (3!!/2 + 1))) \\
 296166 &:= 1 - (((2 - (3! + 4!)) \times (5^6 - 7! - 8)) - 9) &= (9 \times (8 + 7!)) + (6 \times ((5 + 4!) \times (3!! \times 2 + 1))) \\
 296167 &:= (1 + (((2 - (3!!/4)) \times 5!) + 6)) - ((7! - 8!) \times 9) &= (9 + 8! \times 7) - (6 - ((5! + (4 - 3!))^2 \times 1)) \\
 296168 &:= 1 - ((2 + ((3!! \times (4 - 5!))/6)) - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) + (((5! + (4 - 3!))^2) + 1) \\
 296169 &:= ((1 + 2)!!/3) + (((4! - 5) \times 6!) + (7 \times 8! + 9)) &= 9 + 8! + ((7! + ((6 \times 5) \times 4^{3!})) \times 2 \times 1) \\
 296170 &:= (((1 + 2)! + ((3!! + 4!) \times 56)) \times 7) + 8!/9 &= 9 + 8! + (((7! + ((6 \times 5) \times 4^{3!})) \times 2) + 1) \\
 296171 &:= 1 \times (2 - (((3!! \times (4 - 5!))/6) - (7 \times 8! + 9))) &= (9 + 8! \times 7) - (6! - (((5! + (4 - 3!))^2) + 1)) \\
 296172 &:= 1 + (2 - (((3!! \times (4 - 5!))/6) - (7 \times 8! + 9))) &= (((9 + 8! \times 7) + ((6 + 5)^4)) - 3!!) + (2 \times 1) \\
 296173 &:= 1 + 2 \times 3! - (4 \times (5! \times (6 - (7 \times 89)))) &= ((9 + 8) \times (((7 - 6) + 5!) \times (4! \times 3!)) - 2) - 1 \\
 296174 &:= 1 \times 2 \times (((3!! \times 4) + 5^6 + 7) \times 8) - 9 &= ((9 + 8) \times (((7 - 6) + 5!) \times (4! \times 3!)) - 2) \times 1 \\
 296175 &:= (1 + 2)! + (((3!! - 4!) \times (5!/6)) + (7 \times 8! + 9)) &= ((9 + 8) \times (((7 - 6) + 5!) \times (4! \times 3!)) - 2) + 1 \\
 296176 &:= ((1 + 2 \times 3!)^4) - ((5^6 - (7! + 8!)) \times 9) &= (9 + 8! \times 7 + 6) + (((5! - 4) \times ((3 + 2)!)) + 1) \\
 296177 &:= ((1 - ((2 + 3)!/4!)) + 5^6) + (7 \times 8! - 9) &= (9 + ((8 - (7 \times 6!)) \times (5 - 4^3))) - ((2 + 1)!)! \\
 296178 &:= (12 + 3!) - (4 \times (5! \times (6 - (7 \times 89)))) &= (9 - (((8 - 7!) \times (6 \times 5)) + (4 \times 3!))) \times 2 \times 1 \\
 296179 &:= (((1 - (2 \times (3! + 4!))) \times (5!/6 - 7!)) + 8) - 9 &= (9 + 8! \times 7) + (6 + ((5! + (4 - 3!))^2 \times 1)) \\
 296180 &:= (1 - (2 \times (3! + 4!))) \times (5!/6 + (7! \times (8 - 9))) &= (9 + 8! \times 7) + (6 + (((5! + (4 - 3!))^2) + 1)) \\
 296181 &:= ((1 - (2 \times (3! + 4!))) \times (5!/6 - 7!)) - (8 - 9) &= ((9 + 8! \times 7) - 6) + ((5! + (4!^3)) - (2 + 1)! \\
 296182 &:= (((1 + 2)!^{3+4}) + 5^6) + (7!/8 - 9) &= 9 + (8! + ((7! + ((6 + 5)^4)) \times (3! \times 2 + 1))) \\
 296183 &:= ((1 \times 2 + 3!) \times (4^5 + 6!)) + (7 \times 8! - 9) &= (9 \times (8! - 7!) - 6!) + (5! - (((4! \times 3!)^2) + 1)) \\
 296184 &:= (1 + (((2 + 3!) \times (4^5 + 6!)) + 7 \times 8!)) - 9 &= (((9 + 8! \times 7) - (6 - 5!)) + (4!^3)) - 2) - 1 \\
 296185 &:= (1 - (((2 \times 3!)^4) - (5! - 6!))) - ((7! - 8!) \times 9) &= (((9 + 8! \times 7) - (6 - 5!)) + (4!^3)) - 2) \times 1 \\
 296186 &:= (((1 \times 23)^4) + 5^6) + (((7 + 8) - 9)! &= (((9 + 8! \times 7) - (6 - 5!)) + (4!^3)) - 2) + 1 \\
 296187 &:= (((1 + 2)! + 3!)^4) - (5 - 6^7) - 8!/9 &= (((9 + 8! \times 7) - (6 - 5!)) + (4!^3)) \times (2 - 1) \\
 296188 &:= ((1 + ((2 \times 3!)^4)) - (5 - 6^7)) - 8!/9 &= (((9 + 8! \times 7) - (6 - 5!)) + (4!^3 + 2)) - 1 \\
 296189 &:= 1 - (2 - (((3^{4+5}) \times (6 + 7)) + 8! - 9)) &= (((9 + 8! \times 7) - (6 - 5!)) + (4!^3 + 2)) \times 1 \\
 296190 &:= 1 \times 2 \times ((3!! \times 4! - (5! + (6! - (7 + 8)))) \times 9) &= (((9 + 8! \times 7) - (6 - 5!)) + (4!^3 + 2)) + 1 \\
 296191 &:= 1 \times (((2 + 3!!) - 4!) \times (5!/6)) + 7 \times 8! - 9 &= ((9 \times 8) + (7!/6 + 5)) \times (((4! - 3!)^2) - 1) \\
 296192 &:= (1 + (((2 + 3!!) - 4!) \times (5!/6))) + (7 \times 8! - 9) &= (9 + (8! \times 7!/6!)) + ((5! + (4!^3)) - (2 - 1)) \\
 296193 &:= ((1 + 2) + (((3^{4+5}) \times (6 + 7)) + 8!)) - 9 &= ((9 + ((8! \times 7!/6!) + 5!)) + (4!^3)) \times (2 - 1) \\
 296194 &:= (-1 + (23 \times (4 - (5! - 6!)))) + (7 \times (8! + 9)) &= ((9 + ((8! \times 7!/6!) + 5!)) + (4!^3 + 2)) - 1 \\
 296195 &:= 1 - (((2 + 3)!/4!) - (5^6 + (7 \times 8! + 9))) &= ((9 + ((8! \times 7!/6!) + 5!)) + (4!^3 + 2)) \times 1 \\
 296196 &:= 1 \times ((2 \times 3!) \times (4 - (5^6 + (7 - 8! + 9)))) &= ((9 + ((8! \times 7!/6!) + 5!)) + (4!^3 + 2)) + 1 \\
 296197 &:= (((1 - (2 \times (3! + 4!))) \times (5!/6 - 7!)) + 8) + 9 &= (9 + 8! \times 7 + 6) + ((5! + (4!^3)) - (2 \times 1)) \\
 296198 &:= (1 + (((2 \times 3!)^4) + 5)) + (6^7 - 8!/9) &= (9 + 8! \times 7 + 6) + ((5! + (4!^3)) - (2 - 1)) \\
 296199 &:= ((1 + 2)!^3) + (((4! - 5) \times 6!) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - (6! \times (5 - 4!))) + (3!^{2+1})
 \end{aligned}$$

$$\begin{aligned}
 296200 &:= 1 - (((2 \times 3!) \times (4 + (5^6 + 7 - 8!))) + 9) &= (9 + 8! \times 7 + 6) + (5! + (4!^3 + (2 - 1))) \\
 296201 &:= 1 \times (((2 + 3!) \times (4^5 + 6!)) + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + (5! + (4!^3 + 2 \times 1)) \\
 296202 &:= (1 + (((2 + 3!) \times (4^5 + 6!)) + 7 \times 8!)) + 9 &= (9 + 8! \times 7 + 6) + (5! + (4!^3 + (2 + 1))) \\
 296203 &:= 1 + (2 \times (((3! + 4!) \times (5 \times 6! - 7)) + 8! - 9)) &= (9 \times (8! - 7!)) - (((6!/5 - 4 + 3!)^2) + 1) \\
 296204 &:= 1 \times 2 - 3! \times (\sqrt{4} \times (5^6 + 7 - 8!) + 9) &= (9 \times (8! - 7!)) - ((6!/5 - 4 + 3!)^2) \times 1 \\
 296205 &:= (((12 + 3!!) \times (4! - 5)) - 6) + (7 \times (8! + 9)) &= (9 \times (8! - 7!)) - ((6!/5 - 4 + 3!)^2) + 1 \\
 296206 &:= (-1 \times 2) - ((3!! - ((4 - (5! + 6! - 7!)) \times 8)) \times 9) &= (((9 \times 8) + 7 \times 6!) - 5) \times ((4^3) - (2 + 1)!) \\
 296207 &:= ((1 - 2) + (((3^{4+5}) \times (6 + 7)) + 8!)) + 9 &= (9 \times (8 \times (76 \times 54))) + (3!! - (2 - 1)) \\
 296208 &:= (1 - 2 \times 3!) \times (4! \times 5! - (6 \times (7! - 8 \times 9))) &= (9 \times 8!/7! + 6!) \times (((5! + 4) \times 3) + 2 \times 1) \\
 296209 &:= (1 - 2 \times 3!!) + ((4! \times 5! + (6 \times (7! - 8))) \times 9) &= 9 - (8 - ((7^6) + (((5! + 4) \times 3!! \times 2) - 1))) \\
 296210 &:= (1 + (((2 + 3!!) - 4!) \times (5!/6))) + (7 \times 8! + 9) &= (((9 - 8) + 7!) \times 6) - (5^4) \times (3^2 + 1) \\
 296211 &:= 1 \times ((2 \times (((3! + 4!) \times (5 \times 6! - 7)) + 8!)) - 9) &= 9 - (8 - ((7^6) + (((5! + 4) \times 3!! \times 2) + 1))) \\
 296212 &:= (1 + (2 \times (((3! + 4!) \times (5 \times 6! - 7)) + 8!))) - 9 &= (((98 - (7! - (6! \times (5! + 4!)))) \times 3) - 2) \times 1 \\
 296213 &:= (((1 + 2)!) \times 34) + 5) + (6 \times ((7! - 8) \times 9)) &= 9 + (8! + ((7^6) + (5 \times (4!^3 \times 2 - 1)))) \\
 296214 &:= 1 \times (((2 - (3!!/4)) \times 5!) + ((6 - (7! - 8!)) \times 9)) &= (9 + (8! \times 7 + (6!/5))) + ((4!^3) - 2 - 1) \\
 296215 &:= (1 + ((2 - (3!!/4)) \times 5!)) + ((6 - (7! - 8!)) \times 9) &= (((9 \times 8) + 7) \times 6) \times (5^4) - (3!^2 - 1) \\
 296216 &:= 1 - (2 - (((3 + (4 \times 5!)) - 6) \times (7!/8 - 9))) &= (9 + 8! \times 7) + ((6!/5 + (4!^3)) - (2 - 1)) \\
 296217 &:= (1 - 2 \times (3!! - 4)) \times (5! - ((6 \times 7 \times 8) - 9)) &= (9 + 8! + (7^6)) + (((5! - 4!) \times 3!! \times 2) - 1) \\
 296218 &:= (1 - ((2 \times 3!) \times (4 + (5^6 + 7 - 8!)))) + 9 &= (9 + 8! \times 7) + (6!/5 + (4!^3 + (2 - 1))) \\
 296219 &:= 1 \times (2 + (((3 + (4 \times 5!)) - 6) \times (7!/8 - 9))) &= (9 + 8! + (7^6)) + (((5! - 4!) \times 3!! \times 2) + 1) \\
 296220 &:= 1 + (2 + (((3 + (4 \times 5!)) - 6) \times (7!/8 - 9))) &= (9 + (8! \times 7 + (6!/5))) + (4!^3 + (2 + 1)) \\
 296221 &:= 1 - (2 \times ((3! + 4!) \times (5! - ((6! \times 7) + 8 + 9)))) &= ((9 + 8!) \times 7) - (6 - ((5! + (4 - 3!))^2 \times 1)) \\
 296222 &:= 1 - ((2 + ((3!! \times (4 - 5!))/6)) - (7 \times (8! + 9))) &= ((9 \times (8 + (7 \times (6 + 5!)))) - 4) \times (3!^2 + 1) \\
 296223 &:= ((1 + (2 \times 3!^4)) \times (5! - 6)) + (7!/8 - 9) &= (9 + 8! + (7^6)) + (5 \times (4!^3 \times 2 + 1)) \\
 296224 &:= 1 \times 2^{3!} - (4 \times (5! \times (6 - (7 \times 89)))) &= (((9 + 8!) \times 7) - 6!) + ((5! + (4 - 3))^2 \times 1) \\
 296225 &:= 1 \times 2 + (((3!! - 4!) \times (5!/6)) + (7 \times (8! + 9))) &= (9 \times (8! - (7! + 6 + 5!))) - (((4!/3)!/2) + 1) \\
 296226 &:= (((1 + 2)^{3!} - 4!) \times 5!) - (6 \times (7! - 8! + 9)) &= (((9 + 8!) \times 7!/6!) + ((5! + (4 - 3!))^2)) - 1 \\
 296227 &:= 1 - (2 \times ((3! \times (4 + (5^6 + 7 - 8!))) - 9)) &= (9 \times (8! - (7! + 6 + 5!))) - (((4!/3)!/2) - 1) \\
 296228 &:= 1 - (2 + (3 \times ((4 \times (5^6 + 7 - 8!)) + 9))) &= 9 + (((8! - ((7 - (6! \times 5)) \times (4! + 3!))) \times 2) - 1) \\
 296229 &:= ((1 + 2) \times (3! + 4)^5) - (((6 \times 7!)/8) - 9) &= (((9 + 8!) \times 7) + (6 - (5! \times (4 - ((3 + 2)!)))) \times 1 \\
 296230 &:= (1 + (2 \times (((3! + 4!) \times (5 \times 6! - 7)) + 8!))) + 9 &= 9 + (((8! - ((7 - (6! \times 5)) \times (4! + 3!))) \times 2) + 1) \\
 296231 &:= 1 \times (2 - (3 \times ((4 \times (5^6 + 7 - 8!)) + 9))) &= (9 \times (((8! + 7!/6)/5) \times 4)) - (((3 + 2)! + 1) \\
 296232 &:= 1 - (((2 - (3 \times (4 + (5! \times 6!))))/7) \times 8) + 9) &= ((9 \times (8! - (((7 + 6) \times (5^4)) - 3!))) - 2) - 1 \\
 296233 &:= 1 + ((2 \times 3! - 4!) \times (5^6 - 7! \times 8 + 9)) &= ((9 + 8!) \times 7) + (6 + ((5! + (4 - 3!))^2 \times 1)) \\
 296234 &:= 1 \times 2 - ((3 \times 4) \times (5^6 - 7! \times 8 + 9)) &= ((9 + 8!) \times 7) + (6 + (((5! + (4 - 3!))^2) + 1)) \\
 296235 &:= 1 \times (((2 + 3!)! \times 4) + ((5^6 - 7!/8) \times 9)) &= (((9 + 8!) \times 7) - 6) + ((5! + (4!^3)) - (2 + 1)!) \\
 296236 &:= 1 + (((2 + 3!)! \times 4) + ((5^6 - 7!/8) \times 9)) &= ((9 \times (8! - (((7 + 6) \times (5^4)) - 3!))) + 2) - 1 \\
 296237 &:= 1 - (((2 + 3) - 4!) \times (5^6)) + (7!/8 + 9)) &= (((9 \times 8) + 7) \times 6) \times (5^4) - (3! \times 2) - 1
 \end{aligned}$$

$$\begin{aligned}
 296238 &:= 1 \times (2 \times (((3! + 4!) \times (5 \times 6! - 7)) + 8! + 9)) &= (((((9 + 8!) \times 7) - (6 - 5!)) + (4!^3)) - 2) - 1 \\
 296239 &:= ((1 - ((2 - (3 \times (4 + (5! \times 6!))))/7) \times 8) - 9 &= 9 + (((8 + (7! \times 6)) - (5^4)) \times (3^2 + 1)) \\
 296240 &:= 1 \times 2 \times ((3!/4 \times ((5! - 6) \times 7)) + 8!/9) &= (((((9 + 8!) \times 7) - (6 - 5!)) + (4!^3)) - 2) + 1 \\
 296241 &:= ((1 + (2 \times 3!^4)) \times (5! - 6)) + (7!/8 + 9) &= (((9 + 8!) \times 7) - 6) + (5! + (4!^{3!-2-1})) \\
 296242 &:= (1 \times 2 - 3!) + ((4! + 5) \times (6! + (7! + 8!/9))) &= (((((9 + 8!) \times 7) - (6 - 5!)) + (4!^3 + 2)) - 1 \\
 296243 &:= ((1 + 2) - 3!) + ((4! + 5) \times (6! + (7! + 8!/9))) &= (((((9 + 8!) \times 7) - (6 - 5!)) + (4!^3 + 2)) \times 1 \\
 296244 &:= 12 - ((3 \times 4) \times (5^6 - 7! \times 8 + 9)) &= (((((9 + 8!) \times 7) - (6 - 5!)) + (4!^3 + 2)) + 1 \\
 296245 &:= 1 + ((2 - ((3!/4) + (5! - 6!))) \times (78 \times 9)) &= (((9 + 8!) \times 7!/6!) + 5!) + ((4!^3) - (2 \times 1)) \\
 296246 &:= 1 - (2 + (((3 \times 4) \times (5^6 + 7 - 8!)) + 9)) &= (((((9 \times 8) + 7) \times 6) \times (5^4)) - 3!) + (2 \times 1) \\
 296247 &:= (((1 + 2) \times (3! + 4)^5) + (6! + 7)) - 8!/9 &= ((9 + (((8! - 7!) \times 6)/5)) - 4!) \times (3! + (2 - 1)) \\
 296248 &:= 1 + ((2345 \times 6) + (7 \times (8! - 9))) &= (((((9 \times 8) + 7) \times 6) \times (5^4)) - (3 - 2)) - 1 \\
 296249 &:= 1 - (((2 + 3!)/4!) - (5^6 + (7 \times (8! + 9)))) &= ((9 + 8!) \times 7!/6!) + (5! + (4!^3 + 2 \times 1)) \\
 296250 &:= (1 - (((2 - (3 \times (4 + (5! \times 6!))))/7) \times 8)) + 9 &= (((9 \times 8) + 7) \times (6 + (5! + 4!))) \times ((3! - 2)! + 1) \\
 296251 &:= 1 - (((2 + 3)^4) \times (5 \times 6 - (7 \times 8 \times 9))) &= (((9 + 8!) \times 7) + 6) + ((5! + (4!^3)) - (2 \times 1)) \\
 296252 &:= ((1 - (2 \times (3! + 4!))) \times (5!/6 - 7!)) + 8 \times 9 &= (((((9 \times 8) + 7) \times 6) \times (5^4)) + (3 - 2)) + 1 \\
 296253 &:= (1 + 2) \times (3! + ((4! \times (5 + (6! + 7!))) - 8! - 9)) &= (((9 + 8!) \times 7) + 6) + (5! + (4!^{3!-2-1})) \\
 296254 &:= 1 \times (((23 - 4) \times (5^6)) - (7!/8 - 9)) &= (((9 + 8!) \times 7) + 6) + (5! + (4!^3 + (2 - 1))) \\
 296255 &:= ((1 \times 2 + 3!) \times (4^5 + 6!)) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + 6) + (5! + (4!^3 + 2 \times 1)) \\
 296256 &:= (1 + ((2 + 3!) \times (4^5 + 6!))) + (7 \times (8! + 9)) &= (9 \times 8 \times ((7 + 6!) \times 5)) + (4! \times (3! \times 2 - 1)) \\
 296257 &:= ((1 - ((2 - (3 \times (4 + (5! \times 6!))))/7) \times 8) + 9 &= 9 + (8 \times (((7 - 6!/5) \times 4!) + ((3! + 2)! - 1))) \\
 296258 &:= 1 \times (2 - (3! \times (4^5 - (6! \times (7!/(8 \times 9)))))) &= (((((9 \times 8) + 7) \times 6) \times (5^4)) + (3! + 2 \times 1) \\
 296259 &:= 1 + (2 - (3! \times (4^5 - (6! \times (7!/(8 \times 9)))))) &= (((((9 + 8) \times (7! - 6!)) + 5^4) \times (3! - 2)) - 1 \\
 296260 &:= ((1 + 2) \times 3!) + (4 \times ((5 - 6! + 7!) \times (8 + 9))) &= (((((9 \times 8) + 7) \times 6) \times (5^4)) + 3^2 + 1 \\
 296261 &:= (((-1 - (2 + 3)! \times (4 - 5!)) - (6 - (7 \times 8!))) - 9 &= (((((9 \times 8) + 7) \times 6) \times (5^4)) + ((3! \times 2) - 1) \\
 296262 &:= (1 + 2)! \times (((3! - 4!) \times (5!/6 - 7)) + 8! + 9) &= (9 \times (((8 + 7!) \times 6) - 5) - 4!^3) \times 2 \times 1 \\
 296263 &:= (((1 + 2 \times 3!) \times 4^5) + (6! + 7 \times 8!)) - 9 &= (((((9 \times 8) + 7) \times 6) \times (5^4)) + (3! \times 2 + 1) \\
 296264 &:= 1 \times ((2 + 3!) \times (4^5 + (6! - (7! - 8! - 9)))) &= (9 + 8! - 7!) + ((6! - 5) \times (4 + (3!/(2 + 1)))) \\
 296265 &:= 1 \times (((2 \times 3! - 4!) \times (5^6 + 7 - 8!)) + 9) &= (9 + (8 \times (((7 - 6!/5) \times 4!) + (3! + 2!))) \times 1 \\
 296266 &:= 1 + (((2 \times 3! - 4!) \times (5^6 + 7 - 8!)) + 9) &= (9 + (8 \times (((7 - 6!/5) \times 4!) + (3! + 2!))) + 1 \\
 296267 &:= (1 - ((2^3! \times 4!) - 5^6)) + (7 \times (8! - 9)) &= (98 + 7!) + (6! + ((5 + (4!^3)) \times 21)) \\
 296268 &:= 1 + (2 - (((3 \times 4) \times (5^6 + 7 - 8!)) - 9)) &= (((((9 + 8!) \times 7) + (6!/5)) + (4!^3)) - 2) - 1 \\
 296269 &:= 1 - ((2 \times 3!) \times ((4 + 5^6) - (7 + 8! - 9))) &= (((((9 + 8!) \times 7) + (6!/5)) + (4!^3)) - 2) \times 1 \\
 296270 &:= (1 + 2^3!) \times ((4! \times 5) - (6 \times 7 - 8!/9)) &= (((((9 + 8!) \times 7) + (6!/5)) + (4!^3)) - 2) + 1 \\
 296271 &:= 1 \times (((((2 \times 3!)/4) \times (5 + 6!)) - (7! - 8! + 9)) &= ((9 + 8!) \times 7) - (6!/5 \times (4! - (((3 + 2)! + 1))) \\
 296272 &:= ((1 + (((2 \times 3!)/4) \times (5 + 6!))) - 7!) + (8! - 9) &= (((((9 + 8!) \times 7) + (6!/5)) + (4!^3 + 2)) - 1 \\
 296273 &:= (((((1 + 2)! + 3!) \times (45 + 6)) + 7) \times 8) + 9 &= (((((9 + 8!) \times 7) + (6!/5)) + (4!^3 + 2)) \times 1 \\
 296274 &:= (1 - 2 \times 3!) \times (4! - (5! - (6 \times (7 - 8!/9)))) &= (((((9 + 8!) \times 7) + (6!/5)) + (4!^3 + 2)) + 1 \\
 296275 &:= 1 - (2 \times ((3! \times ((4 + 5^6) - 7! \times 8)) + 9)) &= (((((9 \times 8) + 7) \times 6) \times (5^4)) + ((3! - 2)! + 1)
 \end{aligned}$$

$$\begin{aligned}
 296276 &:= (((12 + 3!) \times 4!) - (5!/6 \times 7)) \times (8 + 9) &= ((9 \times 8 \times (7! - 6! + 5)) - 4) - (3!! \times 21) \\
 296277 &:= (((1 + 2)^{3!} - 4!) \times (5!/6)) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) + (6!/5 + (4!^3 + (2 + 1)!)) \\
 296278 &:= (1 + (2 \times (3!^4 \times (5! - 6)))) + 789 &= 9 + 8! - ((7 - (6 \times 5! - 4)) \times (3!!/2 + 1)) \\
 296279 &:= ((1 - ((2 - 3!!) \times (4! + 5))) + 6^7) - 8!/9 &= (9 \times (8! - 7!)) + (((6! \times (5 - 4^3))/2) - 1) \\
 296280 &:= 1 \times 2 \times (((3!! - 4) \times (5 \times 6 - 7)) - 8) \times 9 &= 9 - (8 - (((7 + (6! + (5! - 4!))) \times 3!!/2) - 1)) \\
 296281 &:= (((1 + 2 \times 3!) \times 4^5) + (6! + 7 \times 8!)) + 9 &= (9 \times (8! - 7!)) + (((6! \times (5 - 4^3))/2) + 1) \\
 296282 &:= 1 \times (2 + ((3!! \times 4! + (5^6 + (7 + 8))) \times 9)) &= 9 - (8 - (((7 + (6! + (5! - 4!))) \times 3!!/2) + 1)) \\
 296283 &:= ((1 + 2) - 3!) \times ((4 \times (5^6 + 7 - 8!)) - 9) &= 9 + 8! - 7 + (((6! - (5 + 4)) \times 3!!/2) + 1) \\
 296284 &:= (1 - ((2 \times 3!) \times ((4 + 5^6) - 7! \times 8))) - 9 &= (9 \times 8 \times (7! - 6!)) - ((5! + 4) \times (((3 + 2)! - 1)) \\
 296285 &:= 1 \times (2 - (3 \times ((4 \times (5^6 + 7 - 8!)) - 9))) &= (((((9 \times 8) + 7) \times 6) \times (5^4)) + (3!^2 - 1) \\
 296286 &:= 1 + (2 - (3 \times ((4 \times (5^6 + 7 - 8!)) - 9))) &= (((((9 \times 8) + 7) \times 6) \times (5^4)) + (3! \times (2 + 1)!)) \\
 296287 &:= 1 - ((2 - (3!! - (4! - (5 \times 6!)))) \times (78 - 9)) &= (((((9 \times 8) + 7) \times 6) \times (5^4)) + 3!^2 + 1) \\
 296288 &:= 1 \times (2 + (3! \times (4! + ((5 + 6) \times (7 + 8!/9)))) &= (9 + 8! - 7!) + (((6! + (5!/4!)) \times 3!!/2) - 1) \\
 296289 &:= (1 - 2^{3!}) \times (((4 + 5! - (6! - 7)) \times 8) + 9) &= (9 + 8! - 7!) + ((6! + (5!/4!)) \times (3!!/2 \times 1)) \\
 296290 &:= ((1 - 2^{3!}) \times 4!) + (5^6 + (7 \times (8! - 9))) &= (9 + 8! - 7!) + (((6! + (5!/4!)) \times 3!!/2) + 1) \\
 296291 &:= -1 \times (((2 - (3! + 4!)) \times (5^6 - 7!)) + 89) &= 9 + 8! - 7 - (((6! - 5) \times ((4 - 3!!)/2)) + 1) \\
 296292 &:= (1 + 2)! \times (3! - (4^5 - (6! \times (7!/(8 \times 9)))) &= 9 + 8! - 7 - ((6! - 5) \times ((4 - 3!!)/2 \times 1)) \\
 296293 &:= 1 - ((2 \times 3!) \times ((4 + 5^6) - ((7 - 8 + 9)!)) &= 9 + 8! - 7 - (((6! - 5) \times ((4 - 3!!)/2)) - 1) \\
 296294 &:= (-1 + (23 \times ((4! - 5) \times 678))) + 9 &= ((9 + (8! + 7!)) \times 6) + (5 \times (4^{3!} + (2 + 1)!)) \\
 296295 &:= (((1 + (2 + 3!)) - 4) \times 5!) + 6) + (7 \times 8! + 9) &= (((9 \times (8 + 7!)) + 6!) \times 5) + ((4^{3!+2}) - 1) \\
 296296 &:= 1 \times ((2 + (3^4 \times 5)) \times (6! + (7 - 8 + 9))) &= ((9 + ((8 \times 7!/6) + 5)) \times 4) \times ((3! \times 2) - 1) \\
 296297 &:= 1 + ((2 + (3^4 \times 5)) \times (6! + (7 - 8 + 9))) &= (((9 \times (8 + 7!)) + 6!) \times 5) + ((4^{3!+2}) + 1) \\
 296298 &:= ((1 + 2) \times ((3! \times (4 - 5^6) - 7!)) \times (8 - 9) &= ((9 + 8 \times 7!) - ((6! - 5) \times ((4 - 3!!)/2))) - 1 \\
 296299 &:= 1 + (((2 + 3!! \times 4!) + (5^6 + (7 + 8))) \times 9) &= ((9 + 8 \times 7!) - ((6! - 5) \times ((4 - 3!!)/2))) \times 1 \\
 296300 &:= -1 + (((2345 \times 6) + 7 \times 8!) - 9) &= ((9 + 8 \times 7!) - ((6! - 5) \times ((4 - 3!!)/2))) + 1 \\
 296301 &:= (1 + 2) \times (((3!! + 4!) \times (5! + 6)) + (7! - (8 + 9))) &= (9 + 8! - (((7 - 6!) \times 5!) - 4) \times 3) - ((2 + 1)!)) \\
 296302 &:= (1 - ((2 \times 3!) \times ((4 + 5^6) - 7! \times 8))) + 9 &= (((9876 \times 5) + 4) \times 3!) - 2) \times 1 \\
 296303 &:= ((((-1 + 2) + (3 \times (4! + (5! \times 6!))))/7) \times 8) - 9 &= (9 \times (8^{(7-6) \times 5})) - (((4! - 3!!) \times 2) + 1) \\
 296304 &:= ((1 + 2 \times 3!!) \times 4!) + (5 \times ((6! + 7) \times 8 \times 9)) &= (9 \times 8 \times ((7 + 6!) \times 5)) + (4! \times (3!! \times 2 + 1)) \\
 296305 &:= ((-1 - (2 \times ((3 - 4!) \times (5! + 6)))) \times 7 \times 8) + 9 &= (9 + (8! + 7)) - (((6! - 5) \times ((4 - 3!!)/2)) + 1) \\
 296306 &:= -1 + (((2 - 3!!) \times (4! - (5! + 6))) + 7 - 8!) \times 9 &= (9 + (8! + 7)) - ((6! - 5) \times ((4 - 3!!)/2 \times 1)) \\
 296307 &:= 1 \times (((2 - 3!!) \times (4! - (5! + 6))) + 7 - 8!) \times 9 &= (9 + (8! + 7)) - (((6! - 5) \times ((4 - 3!!)/2)) - 1) \\
 296308 &:= 1 + (((2 - 3!!) \times (4! - (5! + 6))) + 7 - 8!) \times 9 &= (98 + (7^6)) + (((5! + 4) \times 3!! \times 2) + 1) \\
 296309 &:= 1 - (((2 - (3! + 4!)) \times (5^6 - 7!)) + 8 \times 9) &= (9 \times (8! - 7!)) - (6! + ((5 \times (4^{3!} + 2)) + 1)) \\
 296310 &:= ((1 + 2) \times (3!! - (4! + (5 - 6!)))) \times (7!/(8 \times 9)) &= (9 \times (8! - 7!)) - (6! + (5 \times (4^{3!} + 2 \times 1))) \\
 296311 &:= 1 + ((23 + ((4! \times (5 + 6!)) + 7)) \times (8 + 9)) &= (9 \times (8! - 7!)) - ((6! + (5 \times (4^{3!} + 2))) - 1) \\
 296312 &:= 1 - (2 + (3 \times ((4 \times (5^6 - 7! \times 8)) + 9))) &= (9 + 8! \times 7) + (((6^5 - (4! + 3!)) \times 2) - 1) \\
 296313 &:= (1 + (((2 \times 3!)^4 + 5!)) + (6^7 - 8!/9) &= (9 + 8! \times 7) + ((6^5 - (4! + 3!)) \times 2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 296314 &:= 1 + (((2 + 3)! + 4) \times (5! - 6)) + (7 \times (8! - 9))) &= (9 + 8! \times 7) + (((6^5 - (4! + 3!)) \times 2) + 1) \\
 296315 &:= ((1 - (2 \times (3!! + 4!))) + 5^6) + (7 \times (8! - 9)) &= (9 \times (((8! + 7!/6)/5) \times 4)) - (3!^2 + 1) \\
 296316 &:= 1 \times ((2 \times 3! - 4!) \times (5^6 - (7 + 8! - 9))) &= (9 \times (((8! + 7!/6)/5) \times 4)) - (3! \times (2 + 1)!) \\
 296317 &:= 1 + ((2 \times 3! - 4!) \times (5^6 - (7 + 8! - 9))) &= (9 \times (((8! + 7!/6)/5) \times 4)) - (3!^2 - 1) \\
 296318 &:= 1 \times (2 - ((3 \times 4) \times (5^6 - (7 + 8! - 9)))) &= 9 + (8! - ((7 \times ((6 \times (5^4)) - (3! + 2)!)) + 1)) \\
 296319 &:= 1 + (2 - ((3 \times 4) \times (5^6 - (7 + 8! - 9)))) &= (9 + 8! - (7 \times ((6 \times (5^4)) - (3! + 2)!))) \times 1 \\
 296320 &:= (1 \times 2^{3!}) \times (4! + (5! + (6 + (7! \times 8/9)))) &= 9 + (8! - ((7 \times ((6 \times (5^4)) - (3! + 2)!)) - 1)) \\
 296321 &:= (1 - (2^{3!} \times ((4! \times (5!/6)) - 7!))) + 8!/9 &= ((9 \times (8! - 7!) - 6!) - ((5 \times 4^{3!}) - 2)) - 1 \\
 296322 &:= 1 \times (2 \times ((3! \times (4 - (5^6 + 7 - 8!))) + 9)) &= ((9 \times (((8! + 7!/6)/5) \times 4) - 3)) - 2 - 1 \\
 296323 &:= 1 + (2 \times ((3! \times (4 - (5^6 + 7 - 8!))) + 9)) &= ((9 \times (((8! + 7!/6)/5) \times 4) - 3)) - 2 \times 1 \\
 296324 &:= -12 + (((3!! \times (4! + 5)) + 6^7) - 8!/9) &= ((9 \times (((8! + 7!/6)/5) \times 4) - 3)) - 2 + 1 \\
 296325 &:= (((1 - (2^{3 \times 4})) \times 5) - 6!) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - (6! + (5 \times (4^{3!} - (2 - 1)))) \\
 296326 &:= ((1 + 2^{3!}) \times (4567 - 8)) - 9 &= 9 + (8! - (7 \times ((6 \times (5^4)) - ((3! + 2)! + 1)))) \\
 296327 &:= 1 - ((2 - 3!^4) \times ((5!/6 \times 7) + 89)) &= (9 \times (((8! + 7!/6)/5) \times 4)) - ((3! - 2)! + 1) \\
 296328 &:= (1 + 2) \times (((3! + 4)^5) - (6! + (7 \times 8 \times 9))) &= (9 + (8! + ((7 - 6!/5) \times 4!))) \times (3! + 2 \times 1) \\
 296329 &:= ((((-12 + 3!!) - 4) \times (5!/6)) + 7 \times 8!) + 9 &= (9 \times (8! - 7!)) - (6! + ((5 \times (4^{3!} - 2)) + 1)) \\
 296330 &:= 1 - (2 + (((3 \times 4) \times (5^6 - 7! \times 8)) + 9)) &= ((9 \times (8! - 7!) - 6!) - (5 \times (4^{3!} - 2))) \times 1 \\
 296331 &:= 1 \times (((2 \times 3! - 4!) \times (5^6 - 7! \times 8)) - 9) &= (9 \times (8! - 7!)) - ((6! + (5 \times (4^{3!} - 2))) - 1) \\
 296332 &:= 1 + (((2 \times 3! - 4!) \times (5^6 - 7! \times 8)) - 9) &= (9 \times (((8!/7 + 6) \times 5) + 4^{3!})) - 2 \times 1 \\
 296333 &:= 1 \times (2 - (((3 \times 4) \times (5^6 - 7! \times 8)) + 9)) &= (9 \times (8! - (7! - (6 - 5!)))) - (((4!/3!)/2) + 1) \\
 296334 &:= 1 + (2 - (((3 \times 4) \times (5^6 - 7! \times 8)) + 9)) &= ((9 - 8) + (7^6)) + ((5! + 4) \times (3!! \times 2 + 1)) \\
 296335 &:= (((1 + 2 \times 3!) \times 4^5) + 6!) + (7 \times (8! + 9)) &= (9 \times (8! - (7! - (6 - 5!)))) - (((4!/3!)/2) - 1) \\
 296336 &:= -12 - (((3!! + 4) \times 5) - 6) \times (7 - 89) &= (((9 \times ((8! + 7!/6)/5)) - 4) \times (3! - 2)) \times 1 \\
 296337 &:= (1 + 2)! - (((3 \times 4) \times (5^6 - 7! \times 8)) + 9) &= (((9 \times ((8! + 7!/6)/5)) - 4) \times (3! - 2)) + 1 \\
 296338 &:= 1 \times 2 + (((3!! \times (4! + 5)) + 6^7) - 8!/9) &= (((98 \times 7) \times (6!/5)) - 4) \times 3 - 2 \times 1 \\
 296339 &:= (1 - ((2^{3!} \times 4!) - (5^6 + 7 \times 8!))) + 9 &= (9 \times (((8! + 7!/6)/5) \times 4)) - (3! \times 2 + 1) \\
 296340 &:= 1 \times ((2 \times 3! - 4!) \times (5^6 - ((7 - 8 + 9)!)) &= (((9 \times ((8 + 7) + 6!)) + 5!) \times 4) \times ((3! \times 2) - 1) \\
 296341 &:= 1 + ((2 \times 3! - 4!) \times (5^6 - ((7 - 8 + 9)!)) &= (9 \times (((8! + 7!/6)/5) \times 4)) - ((3! \times 2) - 1) \\
 296342 &:= (1 + 2)! + (((3!! \times (4! + 5)) + 6^7) - 8!/9) &= (9 \times (((8! + 7!/6)/5) \times 4)) - (3^2 + 1) \\
 296343 &:= 1 \times ((2 \times ((3!^4 - 5!) \times 6)) + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - (6! \times (5 - 4!))) + (3!!/2 \times 1) \\
 296344 &:= ((1 - 2^{3!}) \times 4!) + (5^6 + 7 \times 8! - 9) &= (((9 + 8!) \times 7) - (6! \times (5 - 4!))) + (3!!/2 + 1) \\
 296345 &:= ((1 - 2 \times 3!!) \times (4 - (5 \times 6 \times 7))) - 89 &= (9 - 8) \times (7 \times (6^5 + ((4! \times 3!! \times 2) - 1))) \\
 296346 &:= (((12 + (3^{4+5})) \times (6 + 7)) + 8!) - 9 &= 9 + (8 + ((7^6) + (5! \times (((4! + 3!)) \times 2) + 1)))) \\
 296347 &:= 1 - (2 + (((3!! + 4) \times 5) - 6) \times (7 - 89)) &= ((9 \times (((8! + 7!/6)/5) \times 4)) - 3) - 2 \times 1 \\
 296348 &:= 1 - ((2 + ((3 \times 4) \times (5^6 - 7! \times 8))) - 9) &= ((9 \times (((8! + 7!/6)/5) \times 4)) - 3!) + (2 \times 1) \\
 296349 &:= 1 \times (((2 \times 3! - 4!) \times (5^6 - 7! \times 8)) + 9) &= ((9 \times (8^{(7-6) \times 5})) - (4 - 3!! \times 2)) + 1 \\
 296350 &:= 1 + (((2 \times 3! - 4!) \times (5^6 - 7! \times 8)) + 9) &= 9 + (8 + ((7^6) + ((5! + 4) \times (3!! \times 2 + 1)))) \\
 296351 &:= 1 \times (2 - (((3 \times 4) \times (5^6 - 7! \times 8)) - 9)) &= 9 \times 8 + (((7 + (6! + (5! - 4!))) \times 3!!/2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 296352 &:= 1 + (2 - (((3 \times 4) \times (5^6 - 7! \times 8)) - 9)) &= 9 + ((8! \times 7 + ((6^5 - (4 + 3!)) \times 2)) - 1) \\
 296353 &:= 1 + 2 \times 3!! + ((4^{5-6+7}) \times 8 \times 9) &= 9 \times 8 + (((7 + (6! + (5! - 4!))) \times 3!!/2) + 1) \\
 296354 &:= 1 \times 2 - (((34 + 5!) \times 6) - 7!) \times 8 \times 9 &= 9 - 8 - ((7 \times ((6 + 5!) \times (4! - 3!!/2))) - 1) \\
 296355 &:= ((1 - 2 \times (3!! + 4)) + 5^6) + (7 \times (8! - 9)) &= ((9 \times (8^{(7-6) \times 5})) + 4) + 3!! \times 2 - 1 \\
 296356 &:= -1 + (((2 \times 3! \times 4) + (5 + 6)) \times (7! - (8 + 9))) &= ((9 \times (((8! + 7!/6)/5) \times 4)) + 3!) - 2 \times 1 \\
 296357 &:= (1 - (2 \times (3! + 4!))) \times ((5 - 6) \times (7! - (8 + 9))) &= 9 - (((8 \times (7 - 6!)) + 5) \times (4 \times (3! \times 2 + 1))) \\
 296358 &:= ((1 + 2) \times (3 - (4 \times (5^6 - 7! \times 8)))) + 9 &= ((9 + (((8! - 7!) \times 6)/5) \times (4 + 3)) - 2) - 1 \\
 296359 &:= (1 - 2 \times 3!!) - (4 - (5^6 + (7 \times (8! - 9)))) &= 9 - (((8! - (7 \times 6^5)) \times (4! - 3)) + 2 \times 1) \\
 296360 &:= (12/3!) \times ((4 \times (5^6)) + (7! \times (8 + 9))) &= (9 + 8! \times 7) + (((6^{5!/4!}) - 3!!) \times 2) - 1 \\
 296361 &:= 1 \times ((2 \times ((3!^4 - 5!) \times 6)) + (7 \times 8! + 9)) &= (9 + 8! + (7^6)) + (((5! + 4) \times 3^2) - 1) \\
 296362 &:= ((1 - 2^{3!}) \times 4!) + (5^6 + (7 \times 8! + 9)) &= (9 \times (((8! + 7!/6)/5) \times 4)) + 3^2 + 1 \\
 296363 &:= 1 - (2 + ((3 \times 4) \times (5^6 + (7 - 8! - 9)))) &= (9 + 8! + (7^6)) + (((5! + 4) \times 3^2) + 1) \\
 296364 &:= (1 - (((2 - (3! + 4!)) \times (5^6 - 7!)) + 8)) - 9 &= (9 + (((((8! - 7!) \times 6)/5) \times (4 + 3)) + 2)) + 1 \\
 296365 &:= (((1 + 2)^{3!+4}) \times 5) - ((6 \times 7! - 8!)/9) &= (9 \times (8! - 7!)) + (6! - ((5^4) \times (3!^2 - 1))) \\
 296366 &:= 1 - (2 + (3 \times ((4 \times (5^6 - 7! \times 8)) - 9))) &= ((9 + 8!) \times 7) + (((6^5 - (4! + 3!)) \times 2) - 1) \\
 296367 &:= (1 - 2 \times 3!!) + (4 + (5^6 + (7 \times (8! - 9)))) &= (((9 \times ((8! + 7!/6)/5)) + 4) \times (3! - 2)) - 1 \\
 296368 &:= 1 + (((2 + 3)! + 4) \times (5! - 6)) + 7 \times 8! - 9 &= ((9 + 8!) \times 7) + (((6^5 - (4! + 3!)) \times 2) + 1) \\
 296369 &:= 1 \times (2 - (3 \times ((4 \times (5^6 - 7! \times 8)) - 9))) &= 9 + 8! + ((7! + (((6 + 5!) \times 4) - 3^2)) - 1) \\
 296370 &:= 1 + (2 - (3 \times ((4 \times (5^6 - 7! \times 8)) - 9))) &= (9 + 8! \times 7) + (((6^5 + (4 - 3!)) \times 2) + 1) \\
 296371 &:= ((1 - 2 \times (3!! - 4)) + 5^6) + (7 \times (8! - 9)) &= 9 + 8! + (7! + (((6 + 5!) \times 4) - 3^2) + 1) \\
 296372 &:= 1 - (((2 + 3) - 4!) \times (5^6)) + (7 \times 8 \times 9) &= ((9 + 8) \times (76 + (5! + 4! \times 3!))) - ((2 + 1)!!) \\
 296373 &:= (1 + 2)! - (3 \times ((4 \times (5^6 - 7! \times 8)) - 9)) &= (9 \times (((8! + 7!/6)/5) \times 4) + 3) - (2 + 1)! \\
 296374 &:= 1 + ((2345 \times 6) + (7 \times (8! + 9))) &= (9 \times (8! - (7! - 6))) - ((5 \times 4^{3!}) + (2 + 1)!!) \\
 296375 &:= -1 - ((2 + 3)! + (4! \times (5 - ((6! + 7) \times (8 + 9)))) &= (9 \times (((8! + 7!/6)/5) \times 4)) + ((3! - 2)! - 1) \\
 296376 &:= (1 + 2) \times (3 - ((4 \times (5^6 - 7! \times 8)) - 9)) &= ((9 \times (((8! + 7!/6)/5) \times 4) + 3) - 2) - 1 \\
 296377 &:= (((1 + 2)!! - (3! + 4)) \times (5!/6)) + (7 \times (8! - 9)) &= ((9 \times (((8! + 7!/6)/5) \times 4) + 3) - 2) \times 1 \\
 296378 &:= 1 \times (23 \times (((45 + 6!) - 7) \times (8 + 9))) &= ((9 \times (((8! + 7!/6)/5) \times 4) + 3) - 2) + 1 \\
 296379 &:= 1 \times (((2 \times 3!) \times (4 - (5^6 - 7! \times 8))) - 9) &= 9 - ((8 + 7) \times (6! - ((5 \times 4^{3!}) - (2 \times 1)))) \\
 296380 &:= (1 + ((2 \times 3!) \times (4 - (5^6 - 7! \times 8)))) - 9 &= ((9 \times (((8! + 7!/6)/5) \times 4) + 3) + 2) - 1 \\
 296381 &:= 1 + ((2 - (3! + 4!)) \times ((5^6 - 7!) \times (8 - 9))) &= ((9 \times (((8! + 7!/6)/5) \times 4) + 3) + 2) \times 1 \\
 296382 &:= (1 - (((2 - (3! + 4!)) \times (5^6 - 7!)) + 8)) + 9 &= ((9 \times (((8! + 7!/6)/5) \times 4) + 3) + 2) + 1 \\
 296383 &:= (((-12 - 3!!) \times (4 - 5!))/6) + (7 \times 8! - 9) &= (9 \times (((8! + 7!/6)/5) \times 4)) + (32 - 1) \\
 296384 &:= 1 \times ((2^{3!} + 4!) \times ((5! + (6 \times (7! - 8)))/9)) &= ((9 + 8! \times 7) - ((6 - 5!) \times (4 + ((3 + 2)!))) - 1 \\
 296385 &:= 1 + ((2^{3!} + 4!) \times ((5! + (6 \times (7! - 8)))/9)) &= ((9 + 8! \times 7) - ((6 - 5!) \times (4 + ((3 + 2)!))) \times 1 \\
 296386 &:= 1 - (((2 \times 3!) \times ((4 + 5^6) - (7 + 8!))) - 9) &= ((9 + 8! \times 7) - ((6 - 5!) \times (4 + ((3 + 2)!))) + 1 \\
 296387 &:= ((1 - (2 \times (3!! + 4!))) + (5^6 + 7 \times 8!)) + 9 &= (9 \times (((8! + 7!/6)/5) \times 4)) + (3!^2 - 1) \\
 296388 &:= 1 \times ((2 \times 3!) \times (4 - (5^6 - ((7 - 8 + 9)!))) &= (9 \times (8 + ((7 - ((6 - 5!) \times 4!)) \times 3!))) \times 2 \times 1 \\
 296389 &:= 1 - (((2 \times (3! + 4^5)) - (6^7/8)) \times 9) &= (9 \times (((8! + 7!/6)/5) \times 4)) + 3!^2 + 1
 \end{aligned}$$

$$\begin{aligned}
 296390 &:= -1 \times (2 \times (3!! - ((4! + 5) \times (6 + (7! + 89)))))) &= 9 - (((8 + 7) - (6! + (5! - 4))) \times (3!!/2 + 1)) \\
 296391 &:= 1 \times (((((2^{3 \times 4}) \times 5) - 6!) \times (7 + 8)) - 9) &= ((9 + 8!) \times 7) + (((6! - 5!) + 4^{3!}) \times (2 + 1)) \\
 296392 &:= 1 - (((((2 + 3)! \times 4) - 5) \times (6 - 7!/8)) + 9) &= (((-98 + 7!) \times (6 \times 5)) - 4^3) \times 2 \times 1 \\
 296393 &:= ((1 - (2 \times 3!! + 4!)) + (5^6 + 7 \times 8!)) - 9 &= (-9 - (((8 + 7) \times (6! - (5 \times 4^{3!}))) - 2)) \times 1 \\
 296394 &:= 1 \times (((((2 + 3!!) \times (4! + 5)) + 6^7) - 8!/9) &= 9 - ((8 + 7) \times (6! - ((5 \times 4^{3!}) - (2 - 1)))) \\
 296395 &:= 1 + (((((2 + 3!!) \times (4! + 5)) + 6^7) - 8!/9) &= (9 + (8 \times (7 + ((6! + 5!) \times 4)))) \times ((3! \times 2) - 1) \\
 296396 &:= 1 - (2 + (3 \times ((4 \times (5^6 - (7 + 8!))) + 9))) &= (((-9 + 8!) \times 7) + ((6! + (((5!/4)^3)/2)) - 1) \\
 296397 &:= 1 \times (((2 \times 3!) \times (4 - (5^6 - 7! \times 8))) + 9) &= 9 + ((8! + ((7 \times ((6!/5!)^4)) + 3!)) \times (2 + 1)!) \\
 296398 &:= (1 + ((2 \times 3!) \times (4 - (5^6 - 7! \times 8)))) + 9 &= 9 + (8 + ((7!/6 + (5 - 4!)) \times (3!!/2 + 1))) \\
 296399 &:= 1 \times (2 - (3 \times ((4 \times (5^6 - (7 + 8!))) + 9))) &= (9 \times (8^{(7-6) \times 5})) + (((4! + 3!!) \times 2) - 1) \\
 296400 &:= 1 + (2 - (3 \times ((4 \times (5^6 - (7 + 8!))) + 9))) &= (9 \times (8^{(7-6) \times 5})) + ((4! + 3!!) \times 2 \times 1) \\
 296401 &:= (1 - (((2 + (3!!/4)) \times 5!) - 6!)) - ((7! - 8!) \times 9) &= ((9 \times 8) + (7^6)) + (5! \times (((4! + 3!!) \times 2) + 1)) \\
 296402 &:= 1 \times (2 + (3!! + ((4 - (5 - 67)) \times (8!/9)))) &= (((-9 - (8 \times 7)) \times ((6! \times (5 - 4!))/3)) + 2) \times 1 \\
 296403 &:= (1 + 2)! - (3 \times ((4 \times (5^6 - (7 + 8!))) + 9)) &= (9 + 8! \times 7) - (6 - (((5! - (4 - 3))^2) - 1)) \\
 296404 &:= 1 + (2 + (3!! + (((4! \times (5 + 6!)) - 7) \times (8 + 9)))) &= (9 \times (((8! + (7! + (6! \times 5!)))/4) - 3!)) - 2 \times 1 \\
 296405 &:= -1 + (2 \times ((3! \times (4 - (5^6 - 7! \times 8))) + 9)) &= ((9 \times 8) + (7^6)) + ((5! + 4) \times (3!! \times 2 + 1)) \\
 296406 &:= ((1 + 2)! \times (3^4 - (5 \times 6!))) - ((7! - 8!) \times 9) &= ((9 + 8!) \times 7) + (((6^5 - (4 + 3!)) \times 2) - 1) \\
 296407 &:= ((1 + 2)! + 3!!) + (((4! \times (5 + 6!)) - 7) \times (8 + 9)) &= (((9 \times 8) + 7) \times ((6 \times (5^{4!/3!})) + 2)) - 1 \\
 296408 &:= (((1 - 2) + (3 \times 4!)) \times (5 \times 6! + 7)) + (8! - 9) &= (9 + 8! \times 7) + (((6^5 + (4! - 3!)) \times 2) - 1) \\
 296409 &:= ((1 - 2 \times (3!! + 4)) + 5^6) + (7 \times 8! - 9) &= (((9 \times 8) + 7) \times ((6 \times (5^{4!/3!})) + 2)) + 1 \\
 296410 &:= 1 - (((((2 + 3)! \times 4) - 5) \times (6 - 7!/8)) - 9) &= (9 - (((8 + 7) \times (6! - (5 \times 4^{3!}))) - 2)) - 1 \\
 296411 &:= ((1 - (2 \times 3!! + 4!)) + (5^6 + 7 \times 8!)) + 9 &= ((9 + 8) \times (((7 + (6 \times 5!)) \times 4!) - (3! \times 2))) - 1 \\
 296412 &:= (((1 + 2)^3) + 4!) \times ((5 + ((6! + 7) \times 8)) - 9) &= 9 + (((8! \times 7) - 6!) + ((5! - 4 + 3!)^2)) - 1 \\
 296413 &:= (1 - 2 \times 3!!) - (4 - (5^6 + 7 \times 8! - 9)) &= 9 + (((8! \times 7) - 6!) + ((5! - 4 + 3!)^2 \times 1)) \\
 296414 &:= 1 - (2 + (((3 \times 4) \times (5^6 - (7 + 8!))) + 9)) &= ((9 + 8!) \times 7) + (((6^{5!/4!}) - 3!!) \times 2) - 1 \\
 296415 &:= 1 \times ((2 \times ((3!^4 - 5!) \times 6)) + (7 \times (8! + 9))) &= (9 \times ((8!/7 \times 6) + (5 - 4!))) \times (3!^2 - 1) \\
 296416 &:= ((1 - 2^{3!}) \times 4!) + (5^6 + (7 \times (8! + 9))) &= ((9 + 8!) \times 7) + (((6^{5!/4!}) - 3!!) \times 2) + 1 \\
 296417 &:= 1 \times (2 - (((3 \times 4) \times (5^6 - (7 + 8!))) + 9)) &= 9 \times 8 - (7 \times (((6 + 5!) \times (4! - 3!!/2)) + 1)) \\
 296418 &:= 1 + (2 - (((3 \times 4) \times (5^6 - (7 + 8!))) + 9)) &= (((9 + (((8! - 7!) \times 6)/5)) \times (4 + 3)) + 2) + 1 \\
 296419 &:= 1 \times ((23 - 4) \times (5^6 - (7 + 8 + 9))) &= ((9 \times 8 \times (7! - 6!)) - 5) + ((4! - 3!!) \times 21) \\
 296420 &:= 1 - (((2 + 3) - 4!) \times (5^6 - (7 + 8 + 9))) &= (9 \times (8! - 7!)) - ((6! + (5! + 4)) \times ((3! - 2)! + 1)) \\
 296421 &:= (1 - 2 \times 3!!) + (4 + (5^6 + 7 \times 8! - 9)) &= (((9 + 8) + 7!) + (6 \times ((5!/4!)^{3!})) \times (2 + 1) \\
 296422 &:= (-1 \times 2) + ((3!! - (4! - (5 \times 6!))) \times (78 - 9)) &= (((9 + 8!) \times 7) + ((6^5 + (4 - 3!)) \times 2)) - 1 \\
 296423 &:= (((1 + 2) + 3!!) \times (4! + 5)) + 6^7 - 8!/9 &= (9 \times ((8! + (7! + (6! \times 5!)))/4)) - (3!^2 + 1) \\
 296424 &:= (1 \times 2 \times (3!! - 4)) \times (((5!/6 + 7) \times 8) - 9) &= 9 + 8! - ((7! \times 6/5) - ((4^{3^2}) - 1)) \\
 296425 &:= ((1 - 2 \times (3!! - 4)) + 5^6) + (7 \times 8! - 9) &= (9 \times ((8! + (7! + (6! \times 5!)))/4)) - (3!^2 - 1) \\
 296426 &:= (((1 - 2) + (3 \times 4!)) \times (5 \times 6! + 7)) + (8! + 9) &= 9 + 8! - ((7! \times 6/5) - ((4^{3^2}) + 1))
 \end{aligned}$$

$$\begin{aligned}
 296427 &:= 1 - ((2 \times (3!! + 4)) - (5^6 + (7 \times 8! + 9))) &= (9 \times (((8! + (7! + (6! \times 5!)))/4) - 3)) - (2 + 1)! \\
 296428 &:= (-12 - ((3!! + 4!) \times 5)) + (67 \times (8!/9)) &= ((9 + 8) \times ((7 + 6) + ((5! + 4 \times 3)^2))) - 1 \\
 296429 &:= (1 - (2 \times (3 + 4!))) \times (5! - (((6! - 7) \times 8) + 9)) &= (9 - ((8 \times (7 - 6!)) + 5!)) \times ((4! + 3) \times 2 - 1) \\
 296430 &:= (1 + 2)! \times (3!! - ((4! + (5 + 6!)) \times (7 - 8 \times 9))) &= ((9 \times (((8! + (7! + (6! \times 5!)))/4) - 3)) - 2) - 1 \\
 296431 &:= (1 - 2 \times 3!!) - (4 - (5^6 + (7 \times 8! + 9))) &= ((9 \times (((8! + (7! + (6! \times 5!)))/4) - 3)) - 2) \times 1 \\
 296432 &:= 1 - (2 - ((3!^4 \times (5 + 6)) + (7 \times (8! - 9)))) &= ((9 \times (((8! + (7! + (6! \times 5!)))/4) - 3)) - 2) + 1 \\
 296433 &:= (1 - (2 \times (3!! + (4! - ((5 \times 6) \times 7!)))) - 8!/9 &= (9 \times (8 + 7!)) + (((6 + 5!) \times 4) - 3)^2 \times 1 \\
 296434 &:= 1 \times ((2 - (3!! \times 4)) \times ((5! \times (6 - 7)) + 8 + 9)) &= ((9 \times (((8! + (7! + (6! \times 5!)))/4) - 3)) + 2) - 1 \\
 296435 &:= 1 \times 2 - (((3 \times 4) \times (5^6 - (7 + 8!))) - 9) &= ((9 \times (((8! + (7! + (6! \times 5!)))/4) - 3)) + 2) \times 1 \\
 296436 &:= 1 \times ((2 \times 3!) \times (4! - (5^6 + (7 - 8! + 9)))) &= ((9 \times (((8! + (7! + (6! \times 5!)))/4) - 3)) + 2) + 1 \\
 296437 &:= 1 + ((2 \times 3!) \times (4! - (5^6 + (7 - 8! + 9)))) &= ((9 \times ((8! + (7! + (6! \times 5!)))/4)) - (3! - 2)!) + 1 \\
 296438 &:= ((-1 \times 2) - ((3!! + 4!) \times 5)) + (67 \times (8!/9)) &= 9 + (((8! - 7!/6)/5!) \times (((4! + 3!)^2) + 1)) \\
 296439 &:= (1 - 2 \times 3!!) + (4 + (5^6 + (7 \times 8! + 9))) &= (9 - (8!/7)) + (((6! + 5!)/4) \times (3!! \times 2 - 1)) \\
 296440 &:= 1 + (((2 + 3)! + 4) \times (5! - 6)) + (7 \times (8! + 9))) &= 9 - (((8 + 7) \times (6! - ((5 \times 4^3) + 2))) - 1) \\
 296441 &:= (1 - (2 \times (3! + ((4! + 5) \times (6 - 7!)))) + 8!/9 &= 9 - ((8 - ((7 + 6) \times 5!)) \times ((4! \times (3! + 2)) - 1)) \\
 296442 &:= (1 + 2) \times ((3! \times (4 + 5^6)) - (7! \times (8 - 9))) &= 9 + (8 - ((7!/6 - 5) \times (4 - (3!!/2 - 1)))) \\
 296443 &:= ((1 - 2 \times (3!! - 4)) + 5^6) + (7 \times 8! + 9) &= 9 - ((8 - ((7 \times (6 \times 5)) + 4)) \times (3!! \times 2 - 1)) \\
 296444 &:= -1 - (((2 - 3!!) \times ((4 \times 5!) - 67)) + 89) &= ((98 + 7!) - (6 - (5! \times 4!))) \times (3!^2 + 1) \\
 296445 &:= (1 + 2) \times ((3! \times (4 + 5^6)) + (7! - 8 + 9)) &= ((9 \times ((8! + (7! + (6! \times 5!)))/4)) + 3!) - 21 \\
 296446 &:= ((1 + 2)! - ((3!! + 4!) \times 5)) + (67 \times (8!/9)) &= (9 + 8) \times (((7 + 6!) \times 5) + (4!^3)) - 21 \\
 296447 &:= 1 + (2 \times (((3!! - 4!) \times 5!) + ((6! + 7) \times 89))) &= (9 \times ((8! + (7! + (6! \times 5!)))/4)) - (3! \times 2 + 1) \\
 296448 &:= ((1 + 2) - 3!) \times (4 \times (5^6 - (7! \times 8 + 9))) &= ((9 \times ((8! + 7!/6)/5)) + 4!) \times ((3 + 2) - 1) \\
 296449 &:= (((1 + 2)!! - (3! + 4)) \times (5!/6)) + 7 \times 8! + 9 &= (9 \times ((8! + (7! + (6! \times 5!)))/4)) - ((3! \times 2) - 1) \\
 296450 &:= 1 - (2 + (3 \times ((4 \times (5^6 - (7 + 8!))) - 9))) &= (9 \times ((8! + (7! + (6! \times 5!)))/4)) - (3^2 + 1) \\
 296451 &:= (1 - 2) \times (3 \times ((4 \times (5^6 - (7 + 8!))) - 9)) &= 9 + (8 + (((7 \times (6 \times 5)) - 4) \times (3!! \times 2 - 1))) \\
 296452 &:= (1 + 2 \times 3!) \times (4 + ((5 \times (6! + 7! \times 8))/9)) &= ((9 \times ((8! + (7! + (6! \times 5!)))/4)) - 3!) - 2 \times 1 \\
 296453 &:= 1 \times (2 - (3 \times ((4 \times (5^6 - (7 + 8!))) - 9))) &= 9 \times 8 + ((7!/6 + (5 - 4!)) \times (3!!/2 + 1)) \\
 296454 &:= 1 + (2 - (3 \times ((4 \times (5^6 - (7 + 8!))) - 9))) &= ((9 \times ((8! + (7! + (6! \times 5!)))/4)) - 3!) \times (2 - 1) \\
 296455 &:= 1 + (2 \times ((3! \times (4 - (5^6 - (7 + 8!)))) - 9)) &= ((9 \times ((8! + (7! + (6! \times 5!)))/4)) - (3! - 2)) - 1 \\
 296456 &:= 1 + (((2 + 3!^4) \times (5 + 6)) + (7 \times (8! - 9))) &= ((9 \times ((8! + (7! + (6! \times 5!)))/4)) - (3! - 2)) \times 1 \\
 296457 &:= (1 + 2) \times (3 - (4 \times (5^6 - (7! \times 8 + 9)))) &= ((9 \times ((8! + (7! + (6! \times 5!)))/4)) - (3! - 2)) + 1 \\
 296458 &:= 1 \times ((2 \times (3 - ((4! + 5) \times (6 - 7!)))) + 8!/9) &= 9 - (((8 + 7! - ((6! + 5) \times 4!)) \times (3! - 2)!) - 1) \\
 296459 &:= (1 + (2 \times (3 - ((4! + 5) \times (6 - 7!)))) + 8!/9 &= ((9 \times ((8! + (7! + (6! \times 5!)))/4)) - 3) + (2 \times 1) \\
 296460 &:= (((1 + 2)!)! \times (3^4 \times 5)) - (((6! - 7!)/8) \times 9) &= ((9 \times ((8! + (7! + (6! \times 5!)))/4)) + (3 - 2)) - 1 \\
 296461 &:= (((1 + (2 + 3)!) \times (4 + 5!)) - 6!) + (7 \times (8! - 9)) &= ((9 \times ((8! + (7! + (6! \times 5!)))/4)) + (3!)) + 2) - 1 \\
 296462 &:= 1 \times (2 + (((3!! \times 45) - ((6! - 7!)/8)) \times 9)) &= ((9 \times ((8! + (7! + (6! \times 5!)))/4)) + (3!)) + 2) \times 1 \\
 296463 &:= (((1 + 2)!! - 3!) \times (4! - 5)) + (6! + (7 \times (8! - 9))) &= ((9 \times ((8! + (7! + (6! \times 5!)))/4)) + (3!)) + 2) + 1 \\
 296464 &:= 1 \times ((2 \times (3! - ((4! + 5) \times (6 - 7!)))) + 8!/9) &= ((9 \times ((8! + (7! + (6! \times 5!)))/4)) + 3!) - 2 \times 1 \\
 296465 &:= (1 + (2 \times (3! - ((4! + 5) \times (6 - 7!)))) + 8!/9 &= (9 - (((8 \times (7 - 6!)) + 5) \times 4)) \times (3! \times 2 + 1)
 \end{aligned}$$

$$\begin{aligned}
 296466 &:= (1+2) \times (3! - (4 \times (5^6 - (7! \times 8 + 9)))) &= ((9+8!) \times 7) - (6! - (((5! - 4 + 3!)^2) - 1)) \\
 296467 &:= -1 \times ((2 + (3^4 \times (5! - ((6 \times 7!)/8)))) - 9) &= (((9+8!) \times 7) - 6!) + ((5! - 4 + 3!)^2) \times 1 \\
 296468 &:= 1 - ((2 + (3^4 \times (5! - ((6 \times 7!)/8)))) - 9) &= (9+8! \times 7) + ((6! + (((5!/4)^3)/2)) - 1) \\
 296469 &:= (1 + (2 \times ((3!^4 \times 5!) - 6 - 7!))) - 8!/9 &= (9+8! \times 7) + (6! + (((5!/4)^3)/2 \times 1)) \\
 296470 &:= (1 - ((2 \times 3!)^4)) - (((5+6!) \times 7) - 8!) \times 9 &= (9 \times ((8! + (7! + (6! \times 5!)))/4)) + 3^2 + 1 \\
 296471 &:= 1 \times (2 - ((3^4 \times (5! - ((6 \times 7!)/8))) - 9)) &= (9 \times ((8! + (7! + (6! \times 5!)))/4)) + ((3! \times 2) - 1) \\
 296472 &:= 1 + (2 - ((3^4 \times (5! - ((6 \times 7!)/8))) - 9)) &= ((9 + ((8!/7!)^6)) - ((5! - (4! \times 3!)) \times 2)) - 1 \\
 296473 &:= 1 - ((2 \times (3!! + (4 - ((5 \times 6) \times 7!)))) + 8!/9) &= ((9 + ((8!/7!)^6)) - ((5! - (4! \times 3!)) \times 2)) \times 1 \\
 296474 &:= 1 - (23 + (4! \times (5 - ((6! + 7) \times (8 + 9)))) &= ((9 + ((8!/7!)^6)) - ((5! - (4! \times 3!)) \times 2)) + 1 \\
 296475 &:= (1+2)! - ((3^4 \times (5! - ((6 \times 7!)/8))) - 9) &= ((9 \times ((8! + (7! + (6! \times 5!)))/4)) - 3!) + 21 \\
 296476 &:= (-12 \times 3!) + (4 \times ((5! + 6! - 7) \times 89)) &= ((98 - 7) \times (6 \times 543)) - 2 \times 1 \\
 296477 &:= -1 - (((2^{3+4}) + (5 \times 6)) \times 7) - 8! \times 9 &= (-987 \times 6) + ((5! \times (((4+3)!)/2)) - 1) \\
 296478 &:= (1 - (((2+3) \times 4) \times (5 - 6!))) + (7 \times (8! - 9)) &= ((9+8!) \times 7) + ((6! + ((5! - (4!/3!))^2)) - 1) \\
 296479 &:= 1 - (((2^{3+4}) + (5 \times 6)) \times 7) - 8! \times 9 &= ((9+8!) \times 7) + (6! + ((5! - 4)^{3/(2+1)})) \\
 296480 &:= (((1+2)! + (3^4 \times 5)) \times 6!) + (7! - 8!/9) &= ((9+8!) \times 7) + (6! + (((5! - (4!/3!))^2) + 1)) \\
 296481 &:= 1 \times (((2 \times 3!) \times (4 - (5^6 - (7 + 8!)))) + 9) &= 9 + 8! + ((7! + (6 - 5!)) \times (4 \times (3! \times 2 + 1))) \\
 296482 &:= (1 + ((2 - 3!) \times (4! - (5 \times 6!)))) + (7 \times (8! - 9)) &= (((-9+8!) \times 7) + ((6! - (5! + 4)) \times (3! - 2!)) + 1) \\
 296483 &:= 1 - ((2 \times (3!! - 4!)) - (5^6 + (7 \times 8! + 9))) &= (9 \times ((8! + (7! + (6! \times 5!)))/4)) + ((3! - 2!) - 1) \\
 296484 &:= (1 - ((2 - 3!^4) \times (5 + 6))) + (7 \times 8! + 9) &= 9 - ((8+7) \times (6! - (5 \times (4^3 + (2 - 1)))))) \\
 296485 &:= (1 - 2 \times 3!!) - (4 - (5^6 + (7 \times (8! + 9)))) &= (9 \times ((8! + (7! + (6! \times 5!)))/4)) + ((3! - 2!) + 1) \\
 296486 &:= 1 - (2 - ((3!^4 \times (5 + 6)) + 7 \times 8! - 9)) &= 9 + ((8! \times 7) - ((6 - (5^4)) \times ((3! - 2!) - 1))) \\
 296487 &:= (((1+2)^{3!}) + (4! \times (5! + 6))) \times (7 + 8 \times 9) &= ((9+8!) \times 7) + ((6! \times (5 \times 4)) - (3!^{2+1})) \\
 296488 &:= 1 - ((2 + ((3 \times 4!) + 5)) \times (6! + (7 - 8!/9))) &= (((((9+8) \times (7+6!)) - 5) \times 4!) - 3!) - 2 \times 1 \\
 296489 &:= (1 - (2 \times (3!! - (4 + ((5 \times 6) \times 7!)))) - 8!/9) &= (((((9+8) \times (7+6!)) - 5) \times 4!) - 3!) - (2 - 1) \\
 296490 &:= 1 \times (2 \times ((3! \times (4 - (5^6 - (7 + 8!)))) + 9)) &= (((((9 \times 8) + 7 \times 6!) \times (5+4!)) - 3) \times 2 \times 1) \\
 296491 &:= (1 + 2 \times 3!) \times ((4 \times ((5! \times 6) - 7) \times 8) - 9) &= (((((9+8) \times (7+6!)) - 5) \times 4!) - 3) - 2 \times 1 \\
 296492 &:= (1 \times 2 \times ((3!^4 \times 5!) + (6 - 7!))) - 8!/9 &= (((((9+8) \times (7+6!)) - 5) \times 4!) - 3!) + (2 \times 1) \\
 296493 &:= (1 + (2 \times ((3!^4 \times 5!) + (6 - 7!)))) - 8!/9 &= (((((9+8) \times (7+6!)) - 5) \times 4!) - 3!) + (2 + 1) \\
 296494 &:= (1 - 2 \times 3!) \times (4 - (5! - (6 \times (7 - 8!/9)))) &= (9 \times (8! - 7!)) - (((6! + 5) \times (4! + (3 + 2))) + 1) \\
 296495 &:= (((1+2)! \times (3 + 4 \times 5)) + 6^7) + (8 - 9) &= (9 \times ((8! + (7! + (6! \times 5!)))/4)) + (3!^2 - 1) \\
 296496 &:= ((1+2)! \times ((3!! + (4! - 5!)) \times (6 \times (7 + 8 \times 9)))) &= (9 \times (((8! + 7!/6)/5) + 4)) \times ((3+2) - 1) \\
 296497 &:= ((1 - 2 \times (3!! - 4)) + 5^6) + (7 \times (8! + 9)) &= (9 \times ((8! + (7! + (6! \times 5!)))/4)) + 3!^2 + 1 \\
 296498 &:= 1 - ((2 - 3) + (4! \times (5 - ((6! + 7) \times (8 + 9)))) &= (((((9+8) \times (7+6!)) - 5) \times 4!) + 3) - (2 - 1) \\
 296499 &:= 1 - (2 + ((3! + 4) \times ((5 \times (6 - 7!)) - 8!/9))) &= (((((9+8) \times (7+6!)) - 5) \times 4!) + 3) \times (2 - 1) \\
 296500 &:= 1 \times ((2 - (3 \times 4)) \times ((5 \times (6 - 7!)) - 8!/9)) &= (((((9+8) \times (7+6!)) - 5) \times 4!) + 3!) - 2 \times 1 \\
 296501 &:= 1 + ((2 - (3 \times 4)) \times ((5 \times (6 - 7!)) - 8!/9)) &= (((((9+8) \times (7+6!)) - 5) \times 4!) + 3) + (2 \times 1) \\
 296502 &:= 1 \times 2 - ((3! + 4) \times ((5 \times (6 - 7!)) - 8!/9)) &= (((((9 \times 8) + 7 \times 6!) \times (5+4!)) + 3) \times 2 \times 1) \\
 296503 &:= (1+2) - ((3! + 4) \times ((5 \times (6 - 7!)) - 8!/9)) &= (((((9+8) \times (7+6!)) - 5) \times 4!) + 3!) + (2 - 1)
 \end{aligned}$$

$$\begin{aligned}
 296504 &:= 1 - (2 - ((3!^4 \times (5 + 6)) + (7 \times 8! + 9))) &= (((((9 + 8) \times (7 + 6!)) - 5) \times 4!) + 3!) + (2 \times 1) \\
 296505 &:= 1 - ((2 + 3!^4) - (5^6 + (7 \times (8! - 9)))) &= (9 + 8! \times 7) + (6!/5 \times (((4 + 3!)^2) - 1)) \\
 296506 &:= ((1 - 2 \times 3!!) \times (4 - (5 \times 6 \times 7))) + 8 \times 9 &= 9 \times 8 + (((7 \times (6 \times 5)) - 4) \times (3!! \times 2 - 1)) \\
 296507 &:= 1 \times (2 + ((3!^4 \times (5 + 6)) + (7 \times 8! + 9))) &= (((((9 + 8) \times (7 + 6!)) - 5) \times 4!) + ((3! \times 2) - 1)) \\
 296508 &:= (1 \times 2 - (3!^4 - 5^6)) + (7 \times (8! - 9)) &= (((((9 \times 8) + 7) + 6!) \times ((5! + 4) \times 3)) - ((2 + 1)!))! \\
 296509 &:= ((1 + 2) - 3!^4) + (5^6 + (7 \times (8! - 9))) &= (((((9 + 8) \times (7 + 6!)) - 5) \times 4!) + (3! \times 2 + 1)) \\
 296510 &:= (((((1 + 2)! + 3!!) \times (4! + 5)) + 6^7) - 8!/9) &= ((-98 + 7!) \times (6 + 54)) - (3^2 + 1) \\
 296511 &:= ((1 + 2) \times 3!!) + ((4! \times (5^6 - 7!)) + 8! - 9) &= (9 + ((8! + (76 \times 5! - 4!)) \times 3!)) + (2 + 1)! \\
 296512 &:= ((1 + 2)! - 3!^4) + (5^6 + (7 \times (8! - 9))) &= (((-98 + 7!) \times (6 + 54)) - 3!) - 2 \times 1 \\
 296513 &:= (1 - 2 \times 3!!) + (4! + (5^6 + (7 \times (8! + 9)))) &= (9 \times (8! - (7! + (6 \times 5)))) - (((4! \times 3!)^2) + 1) \\
 296514 &:= (1 - 2^{3!}) - ((4! \times (5! - 6!)) - (7 \times (8! - 9))) &= (9 \times (8! - (7! + (6 \times 5)))) - ((4! \times 3!)^2 \times 1) \\
 296515 &:= (1 - ((2 \times 3!)^4)) - (((5 \times 6 + 7!) - 8!) \times 9) &= (9 \times (8! - (7! + (6 \times 5)))) - (((4! \times 3!)^2) - 1) \\
 296516 &:= 1 \times 2 - ((3! - (4! \times ((5! \times 6) + 7))) \times (8 + 9)) &= (((-98 + 7!) \times (6 + 54)) - 3!) + (2 \times 1) \\
 296517 &:= (((1 + 2)!! - 3!) \times (4! - 5)) + (6! + 7 \times 8! - 9) &= ((9 + 8!/7!) \times ((6! + 5) \times 4!)) + (3!! - 2 - 1) \\
 296518 &:= (12 - (3!^4 - 5^6)) + (7 \times (8! - 9)) &= ((9 \times (8 + (7 \times (6 + 5!)))) + 4) \times (3!^2 + 1) \\
 296519 &:= (1 \times 23) - (4! \times (5 - ((6! + 7) \times (8 + 9)))) &= (9 \times (8! - 7!) - (6! + 5!)) - (((4!/3)!/2) + 1) \\
 296520 &:= 1 \times 2 \times (3! \times (4! - (5^6 - 7! \times 8 + 9))) &= 9 - (8 + ((7!/6 \times (5 + ((4 - 3!)/2))) + 1)) \\
 296521 &:= (1 - ((2 + 3!!) \times 4!)) - ((5! - (6^7/8)) \times 9) &= (9 \times (8! - 7!) - (6! + 5!)) - (((4!/3)!/2) - 1) \\
 296522 &:= (1 + (23^4)) + (5! \times (67 + 8 \times 9)) &= ((9 + 8!) \times 7) + ((6! + (((5!/4)^3)/2)) - 1) \\
 296523 &:= ((1 + 2) \times (3!! - (4! - 5))) \times (6 + ((7 + 8) \times 9)) &= ((9 + 8!) \times 7) + (6! + (((5!/4)^3)/2 \times 1)) \\
 296524 &:= 1 - (((2 \times (3!! + 4!) \times 5)) - (67 + 8!)) \times 9 &= ((9 + 8!) \times 7) + (6! + (((5!/4)^3)/2) + 1) \\
 296525 &:= (((((1 + 2)^{3!+4}) \times 5) + (6! + 7!)) - 8!/9) &= (9 + 8! \times 7) + ((6! \times 5! - (4! + 3!))/(2 + 1)!)) \\
 296526 &:= (1 - (((2 \times (3 + 4!)) + 5) \times (6 - (7! - 8)))) - 9 &= (((9 + 8!/7!) \times ((6! + 5) \times 4!)) + 3!) + ((2 + 1)!))! \\
 296527 &:= 1 + (2 \times ((3! \times (4! - (5^6 + 7 - 8!))) - 9)) &= (9 \times (8! - (7! + 6))) - (((5 + 4!) \times (3!! + 2)) + 1) \\
 296528 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times (6! + 7))) - 89 &= (9 + 8! \times 7) - (6! - (((5^4) \times (3! - 2)! - 1)) \\
 296529 &:= (1 - ((2 + 3!!) \times (4! + 5))) - (((6 + 7!) - 8!) \times 9) &= (9 \times (8! - (7! + 6))) - (((5 + 4!) \times (3!! + 2)) - 1) \\
 296530 &:= (1 + 2^{3!}) \times (4 + 5! - (6 \times 7 - 8!/9)) &= (9 + 8! \times 7) - (6! - (((5^4) \times (3! - 2)! + 1)) \\
 296531 &:= (1 - ((2 + (3!! + 4)) \times 5)) + (67 \times (8!/9)) &= (((((9 + 8) \times (7 + 6!)) - 5) \times 4!) + (3!^2 - 1)) \\
 296532 &:= 1 \times 2 \times ((3!! \times 4! - (((5! - 6) \times 7) + 8)) \times 9) &= ((9 + ((8! + 7!/6)/5)) - 4) \times (3! \times (2 + 1)!)) \\
 296533 &:= (((1 + (2 + 3!)) \times (4 + 5!)) - (6! - (7 \times 8!))) + 9 &= (((((9 + 8) \times (7 + 6!)) - 5) \times 4!) + 3!^2 + 1) \\
 296534 &:= 1 \times 2 - ((3 \times 4) \times (5^6 - (7 + 8! + 9))) &= ((98/7) - (6! + 5!)) \times (((4 - 3!)/2) - 1) \\
 296535 &:= 1 \times (((2 \times 3!) \times (4! - (5^6 + 7 - 8!))) - 9) &= 9 - 8 - (7 \times ((6 - (5! + 4)) \times (3!!/2 - 1))) \\
 296536 &:= (1 + ((2 - 3!) \times (4! - (5 \times 6!)))) + (7 \times 8! - 9) &= 9 + 8 + ((7!/6 \times (5 - ((4! - 3!)/2))) - 1) \\
 296537 &:= 1 \times (((2 + 3!!) - 4) \times (5!/6)) + (7 \times (8! - 9)) &= ((9 + 8) + 7!) - ((6! + 5!) \times (((4! - 3!)/2) + 1)) \\
 296538 &:= 1 + (((2 + 3!!) - 4) \times (5!/6)) + (7 \times (8! - 9)) &= 9 + 8 + ((7!/6 \times (5 - ((4! - 3!)/2))) + 1) \\
 296539 &:= 1 - ((2 + ((3!! + 4) \times 5)) - (67 \times (8!/9))) &= ((9 + ((8! + (7! \times 6))/5)) \times (4! - 3)) - 2 \times 1 \\
 296540 &:= (1 - (((2 - 3!!) \times (4! - 5)) - 6!)) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) - ((6 - (5^4)) \times ((3! - 2)! - 1)) \\
 296541 &:= (((((1 + 2)! + (3^4 \times 5)) \times 6!) + 7!/8) - 9) &= (9 + ((8 - (7! - 6)) \times (5 - 4^3))) - 2 \times 1
 \end{aligned}$$

$$\begin{aligned}
 296542 &:= 1 - (((23 + (4^5 + 6)) \times 7) - 8!) \times 9 &= 9 + (((8 - (7! - 6)) \times (5 - 4^3)) - (2 - 1)) \\
 296543 &:= 1 + (2 - (((3!! + 4) \times 5) - (67 \times (8!/9)))) &= ((9 + ((8! + (7! \times 6))/5)) \times (4! - 3)) + (2 \times 1) \\
 296544 &:= (1 - (((2 \times (3 + 4!)) + 5) \times (6 - (7! - 8)))) + 9 &= (9 \times ((8 \times 7) - 6!)) + (5! \times (((4 + 3)!/2) + 1)) \\
 296545 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times (6! + 7))) - 8 \times 9 &= (9 + ((8 - (7! - 6)) \times (5 - 4^3))) + (2 \times 1) \\
 296546 &:= ((1 + 2)! - ((3!! + 4) \times 5)) + (67 \times (8!/9)) &= (9 + ((8 - (7! - 6)) \times (5 - 4^3))) + (2 + 1) \\
 296547 &:= 1 \times 2 - (3 - (4 \times ((5! + 6! - 7) \times 89))) &= (9 - 8) \times (((7 - (6! + 5!)) \times (4 - 3!!/2)) - 1) \\
 296548 &:= ((1 - (2 - 3!!) \times 4) \times 5) + (6 + (7 \times (8! - 9))) &= 9 - (8 - (((7 - (6! + 5!)) \times (4 - 3!!/2)) - 1)) \\
 296549 &:= 1 - (((2 + 3)! + (4 + 5! - 6!)) \times (7 \times 89)) &= (9 \times (8! - ((7! \times 6 - 5!)/4))) + 3!! \times 2 - 1 \\
 296550 &:= (((1 + 2)!)! \times (3^4 \times 5)) - 6! + ((7!/8) \times 9) &= 9 - (8 - (((7 - (6! + 5!)) \times (4 - 3!!/2)) + 1)) \\
 296551 &:= (1 - 2 \times 3!!) - (((4^5 + 6) \times 7) - 8!) \times 9 &= 9 + (8 - (7 \times ((6 - (5! + 4)) \times (3!!/2 - 1)))) \\
 296552 &:= (1 \times 2 - 3!!) + (((45 \times 6!) + 7!/8) \times 9) &= (9 + 8! \times 7) + (((6! - (5! + 4)) \times (3! - 2)! - 1) \\
 296553 &:= ((1 + ((2 + 3)! + 4)) \times (5! - 6)) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) - ((6 - 5!) \times (4 + (((3 + 2)! + 1))) \\
 296554 &:= (1 + ((2 - 3!) \times (4! - (5 \times 6!)))) + (7 \times 8! + 9) &= (9 + 8! \times 7) + (((6! - (5! + 4)) \times (3! - 2)! + 1) \\
 296555 &:= 1 - (23 - ((4 \times 5 \times 6!) + (7 \times (8! - 9)))) &= ((9 \times (8!/(7 \times 6))) - (5^4)) \times (3!^2 + 1) \\
 296556 &:= ((1 + 2)! - 3!!) + (((45 \times 6!) + 7!/8) \times 9) &= 9 + (((8! + 7!) \times 6) + ((5 + 4!)^3)) - (2 \times 1) \\
 296557 &:= 1 + (2 + (3! + (4 \times ((5! + 6! - 7) \times 89)))) &= 9 + (((8! + 7!) \times 6) + ((5 + 4!)^3)) - (2 - 1) \\
 296558 &:= 1 - (2 - ((3!^4 \times (5 + 6)) + (7 \times (8! + 9)))) &= ((9 + ((8! + 7!) \times 6)) + ((5 + 4!)^3)) \times (2 - 1) \\
 296559 &:= ((1 + 2)!! + (3 + 4!)) \times (((5 \times (6! - 7)) + 8)/9) &= ((9 + 8!) \times 7) + (6!/5 \times (((4 + 3!)^2) - 1)) \\
 296560 &:= 1 - (((2 \times (3^4 + 5 \times 6!)) + 7 - 8!) \times 9) &= ((9 + ((8! + 7!) \times 6)) + ((5 + 4!)^3)) + (2 \times 1) \\
 296561 &:= 1 \times (2 + ((3!^4 \times (5 + 6)) + (7 \times (8! + 9)))) &= 9 + (((8! + 7!) \times 6) + (((5 + 4!)^3) + (2 + 1))) \\
 296562 &:= 1 - (((2 - (3!! \times 4)) \times 5) + (6 - (7 \times (8! - 9)))) &= (((9 + 8) \times (((7 + (6 \times 5!)) \times 4!) - 3)) - 2) - 1 \\
 296563 &:= ((1 + 2) - 3!^4) + (5^6 + 7 \times 8! - 9) &= (((9 + 8) \times (((7 + (6 \times 5!)) \times 4!) - 3)) - 2) \times 1 \\
 296564 &:= 1 - (2 + ((3 - (4! \times ((5! \times 6) + 7))) \times (8 + 9))) &= (((9 + 8) \times (((7 + (6 \times 5!)) \times 4!) - 3)) - 2) + 1 \\
 296565 &:= (((1 + 2)^3) + 4!) \times (5! + (((6! - 7) \times 8) - 9)) &= 9 + 8 + ((7 - (6! + 5!)) \times (4 - (3!!/2 \times 1))) \\
 296566 &:= 1 - 2 \times 3! - ((4! \times (5! - 6!)) - (7 \times (8! - 9))) &= 9 + (8 + (((7 - (6! + 5!)) \times (4 - 3!!/2)) + 1)) \\
 296567 &:= 1 - (2 - ((3^4 \times (5 \times 6!)) + (7! - 8 \times 9))) &= ((9 \times 8) - 7 + 6) \times (((5! - 4) \times (3!^2)) + 1) \\
 296568 &:= (1 - 2^3!) - ((4! \times (5! - 6!)) - (7 \times 8! - 9)) &= 9 - (((8 - (7! \times 6)) \times 5) + (4 \times 3!!)) \times 2 + 1 \\
 296569 &:= (1 - 2 \times 3!!) + ((4! \times 5! + (6 \times 7! - 8)) \times 9) &= ((9 + ((8!/7!)^6) - 5!) + (4! \times (3!! \times 2 - 1)) \\
 296570 &:= (1 \times 2 - (3!! \times 4!)) - ((5! - (6^7/8)) \times 9) &= 9 - (((8 - (7! \times 6)) \times 5) + (4 \times 3!!)) \times 2 - 1) \\
 296571 &:= 1 \times 2 + (((3!! - 4) \times (5!/6)) + (7 \times 8! + 9)) &= (9 + 8! + (7 \times 6^5 + 4^3!)) \times (2 + 1) \\
 296572 &:= ((1 + 2) + (((3!! - 4) \times (5!/6)) + 7 \times 8!)) + 9 &= (((-98 + 7!) \times 6) + 5) \times (4 + 3!) + (2 \times 1) \\
 296573 &:= 1 \times ((2 + (3!! \times (4 \times 5))) - (6 - (7 \times (8! - 9)))) &= (9 + 8! - 76) - (5! \times (4! - (3 \times (2 + 1)!))) \\
 296574 &:= (1 - ((2 - (3!! \times 4)) \times 5)) + (6 + (7 \times (8! - 9))) &= (9 \times (8! - 7!)) + (6 \times ((5 \times (4! - (3!! + 2))) - 1)) \\
 296575 &:= (1 + 2)! + (((3!! - 4) \times (5!/6)) + (7 \times 8! + 9)) &= (9 \times (8! - 7!) - 6) - (((5 + 4!) \times (3!! + 2)) + 1) \\
 296576 &:= 1 - (2 - ((3!! \times (4! - 5)) + (6! + (7 \times (8! - 9)))) &= (9 \times (8! - 7!) - 6) - ((5 + 4!) \times (3!! + 2 \times 1)) \\
 296577 &:= (1 - (2^3! + ((4! + 5) \times 6!)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - 6) - (((5 + 4!) \times (3!! + 2)) - 1) \\
 296578 &:= ((-1 \times 2) - ((3!! - 4) \times 5)) + (67 \times (8!/9)) &= (9 - (((8 - (7! \times 6)) \times 5) + (4 \times 3!))) \times 2 \times 1 \\
 296579 &:= 1 \times (2 + ((3!! \times (4! - 5)) + (6! + (7 \times (8! - 9)))) &= (9 \times (8! - 7!) - 6!) - (((5! + (4!/3)!) / 2) + 1) \\
 296580 &:= 1 + (2 + ((3!! \times (4! - 5)) + (6! + (7 \times (8! - 9)))) &= (9 \times (8! - 7!) - 6!) - ((5! + (4!/3)!) / 2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 296581 &:= ((1 \times 2 + 3!! \times 4) \times 5) - (6 - (7 \times (8! - 9))) &= (9 \times (8! - 7!) - 6!) - (((5! + (4!/3!))/2) - 1) \\
 296582 &:= (1 + ((2 + 3!! \times 4) \times 5)) - (6 - (7 \times (8! - 9))) &= ((9 + 8!) \times 7) - (6! - (((5^4) \times (3! - 2)! - 1)) \\
 296583 &:= (1 - ((2 + 3!!) \times (4! + 5))) - ((6! \times 7 - 8!) \times 9) &= (9 \times (8! - (7 \times 6!))) - (((5 + 4!) \times (3!! + 2)) - 1) \\
 296584 &:= ((1 + 2)! - 3!^4) + (5^6 + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - (6! - (((5^4) \times (3! - 2)! + 1)) \\
 296585 &:= 1 - (2 + ((3!! \times (4! + 5)) + (((6 + 7!) - 8!) \times 9))) &= (((9 - (8 - 7))!^6) - 5!) + ((4! \times 3!! \times 2) + 1) \\
 296586 &:= (1 - 2^{3!}) - ((4! \times (5! - 6!)) - (7 \times 8! + 9)) &= (9 \times (8! - 7!)) + (6 \times ((5 \times (4! - (3!! + 2))) + 1)) \\
 296587 &:= (((1 + (2 + 3!)) \times (4 + 5!)) - 6!) + (7 \times (8! + 9)) &= ((9 \times (8! - 7!)) + 6) - (((5 + 4!) \times (3!! + 2)) + 1) \\
 296588 &:= 1 \times (2 - ((3!! \times (4! + 5)) + (((6 + 7!) - 8!) \times 9))) &= (9 \times (8! - (7! + 6))) - (((5 + 4!) \times 3!!) - (2 \times 1)) \\
 296589 &:= (1 - (((2 + 3!!) \times (4! + 5)) - 6)) - ((7! - 8!) \times 9) &= ((9 \times (8! - 7!)) + 6) - (((5 + 4!) \times (3!! + 2)) - 1) \\
 296590 &:= ((1 - (2 - 3!!) \times 4) \times 5) - (6 - (7 \times 8! - 9)) &= (98/7) \times (6! + (5 \times (4^{3!} - 2 - 1))) \\
 296591 &:= 1 - (2 \times (((3 - (4! + 5)) \times ((6! - 7) \times 8)) + 9)) &= (9 \times (8! - 7!) - (6! \times 5)) - ((4! \times (3!! + 2)) + 1) \\
 296592 &:= (1 \times 2 + (3 \times 4!)) \times (5! + (6^7 / (8 \times 9))) &= (9 + 8! - (7! + 6!)) - (5! - ((4^{3^2}) - 1)) \\
 296593 &:= (1 - (((2 + 3!!) \times 4!) + 5 \times 6!)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - (6! \times 5)) - ((4! \times (3!! + 2)) - 1) \\
 296594 &:= (1 - (((2 - 3!!) \times (4! - 5)) - 6!)) + (7 \times 8! - 9) &= (9 + 8! - (7! + 6!)) - (5! - ((4^{3^2}) + 1)) \\
 296595 &:= (1 + 2^{3!}) \times ((4 \times 5 + (6! + 7 + 8!)) / 9) &= (9 \times 8 \times (7! - 6!)) - (5 \times ((4 \times (3!! + 2)) + 1)) \\
 296596 &:= (1 + (2 + 3!))! + (45 \times (((6! - 7) \times 8) - 9)) &= (((-9 + 8!) \times 7) - (6! + (5 - 4!))) + (3!! \times 21) \\
 296597 &:= (((1 + 2)^{3!}) \times (4! + 5)) + (6^7 - 8! / 9) &= (((9 + (8! + 7!)) \times 6) + ((5 + 4!)^3)) - (2 + 1)! \\
 296598 &:= (1 - (((2 - 3!!) \times (4 \times 5)) - 6)) + (7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) + (5 \times ((4 \times (3!! - 2)) - 1)) \\
 296599 &:= (1 - (((2 + 3!!) \times 4!) + 5!)) \times ((6 - 7) \times (8 + 9)) &= ((9 \times 8 \times (7! - 6!)) - ((5 \times 4) \times (3!! + 2))) - 1 \\
 296600 &:= ((1 + ((2 + 3!) \times 4!)) \times (5! \times (6 + 7))) - 8! / 9 &= ((9 \times 8 \times (7! - 6!)) - ((5 \times 4) \times (3!! + 2))) \times 1 \\
 296601 &:= 1 - (((2 + 3!!) \times (4 \times 5)) + ((6! - 7!) \times 8 \times 9)) &= (9 + 8! \times 7) + ((6! - (5! - 4!)) \times ((3! - 2)! - 1)) \\
 296602 &:= ((1 - (2 - 3!!) \times 4) \times 5) + ((6 + 7 \times 8!) - 9) &= 9 - ((8 - (7 \times 6! - 5)) \times (((4! + 3!) \times 2) - 1)) \\
 296603 &:= ((12 \times ((3^{4+5}) - (6 - 7!))) + 8) - 9 &= (9 \times (8! - 7!)) - ((6! \times (5 + 4!)) + (3!^2 + 1)) \\
 296604 &:= (1 - (((2 - 3!!) \times (4 \times 5)) + 6)) + (7 \times 8! + 9) &= (9 + (8! \times 7! / 6!)) + (5 \times ((4 \times (3!! - 2)) - 1)) \\
 296605 &:= (1 - ((2 \times 3!)^4)) - ((5! / 6 + 7! - 8!) \times 9) &= (9 \times (8! - 7!) - (6! \times (5 + 4!))) - (3!^2 - 1) \\
 296606 &:= 1 - (2 - (((3! + 45) \times ((6! + 7) \times 8)) - 9)) &= ((9 + 8!) \times 7) + (((6! - (5! + 4)) \times (3! - 2)! - 1) \\
 296607 &:= (1 + (((2^{3!}) - (4 \times 5!)) \times (6! - 7))) \times (8 - 9) &= (9 \times (8! - (7! - 6))) - ((5 + 4!) \times (3 + (2 + 1)!)) \\
 296608 &:= ((1 - (2 - 3!!) \times 4) \times 5) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) + (5 \times ((4 \times (3!! - 2)) + 1)) \\
 296609 &:= 1 + ((2 \times 3!! - 4^5) \times (6! + (7 \times (8 - 9)))) &= (9 \times (8! - (7! + 6))) - (5! + (((4! \times 3!)^2) + 1)) \\
 296610 &:= 1 \times (2 \times ((3! \times (4! - (5^6 - 7! \times 8))) - 9)) &= (9 + (8! \times 7 + 6!)) - (((5 - 4!) \times (3!! - 2)) + 1) \\
 296611 &:= 1 + (2 \times ((3! \times (4! - (5^6 - 7! \times 8))) - 9)) &= (9 \times (8! - (7! + 6))) - ((5! + ((4! \times 3!)^2)) - 1) \\
 296612 &:= (1 - (((2 - 3!!) \times (4! - 5)) - 6!)) + (7 \times 8! + 9) &= (9 + (8! \times 7 + 6!)) - (((5 - 4!) \times (3!! - 2)) - 1) \\
 296613 &:= (1 + 2)! - ((3 - ((4 \times (5! - 6!)) - (7! - 8!))) \times 9) &= ((9 + 8! \times 7) - 6) + (5 \times (4 \times 3!! - (2 + 1)!)) \\
 296614 &:= (-1 + ((2 - 3!) \times (4 - (5 \times 6!)))) + (7 \times 8! - 9) &= (9 + (8! \times 7 + (6! \times (5 \times 4)))) - (3!^2 - 1) \\
 296615 &:= 1 \times 2 + (3 \times (((4! \times (5 + 6!)) - 7!) \times 8) - 9)) &= (9 \times (8! - 7!) - (6! \times (5 + 4!))) - ((3! - 2)! + 1) \\
 296616 &:= (1 - ((2 - (3!! \times 4)) \times 5)) - (6 - (7 \times 8! - 9)) &= (9 + 8! \times 7 + 6) + (((5 \times 4) \times (3!! - 2)) + 1) \\
 296617 &:= (1 + ((2 - 3!!) \times 4!)) - ((5! - (6^7 / 8)) \times 9) &= (9 + ((8! / 7!)^6)) + ((5! - 4!) \times (3!! / 2 - 1)) \\
 296618 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times (6! + 7))) - (8 - 9) &= ((9 + 8! \times 7) - 6) + ((5^4) \times ((3! - 2)! - 1)) \\
 296619 &:= (1 + 2)! + (3 \times (((4! \times (5 + 6!)) - 7!) \times 8) - 9)) &= 9 \times 8 + (((7 - (6! + 5!)) \times (4 - 3!! / 2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 296620 &:= 1 - 2 \times 3! - ((4! \times (5! - 6!)) - (7 \times 8! - 9)) &= (9 + 8! \times 7 + 6) + (5 \times ((4 \times (3! - 2)) + 1)) \\
 296621 &:= 1 - (2 - (3! + (4! \times (((5! \times 6) + 7) \times (8 + 9)))) &= 9 \times 8 + (((7 - (6! + 5!)) \times (4 - 3!/2)) + 1) \\
 296622 &:= 1 \times 2 \times ((3! \times (4! + (5! + (6 + 7 \times 8)))) - 9) &= (9 \times (8 + (7! \times 6))) + (((5 + 4!)^3) + (2 - 1)) \\
 296623 &:= (((1 \times 2 + 3!)) \times (4 \times 5)) + 6) + (7 \times (8! - 9)) &= ((9 \times (8 + (7! \times 6))) + ((5 + 4!)^3)) + (2 \times 1) \\
 296624 &:= (1 + (((2 + 3!)) \times (4 \times 5)) + 6) + (7 \times (8! - 9)) &= 9 + 8! - (((7 - 6! + 5) \times ((4 + 3!)/2)) + 1) \\
 296625 &:= (((1 + 2) \times 3! - 4!) \times 5!) - 6) + (7! \times 8 - 9) &= (9 + (8! + 7!)) + ((6 \times 5! - 4!) \times (3!/2 + 1)) \\
 296626 &:= 1 \times (2 \times (((3! + 4 \times 5) \times ((6! - 7) \times 8)) + 9)) &= 9 + 8! - (((7 - 6! + 5) \times ((4 + 3!)/2)) - 1) \\
 296627 &:= 1 + (2 \times (((3! + 4 \times 5) \times ((6! - 7) \times 8)) + 9)) &= (9 \times (8! - 7!)) + ((6 \times ((5 \times (4! - 3!)) - 2)) - 1) \\
 296628 &:= (1 - ((2 - (3! \times 4)) \times 5)) + ((6 + 7 \times 8!) - 9) &= (9 \times (8! - 7!)) + (6 \times ((5 \times (4! - 3!)) - (2 \times 1))) \\
 296629 &:= (1 - (2 \times 3! + ((4! + 5) \times 6!))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) + ((6 \times ((5 \times (4! - 3!)) - 2)) + 1) \\
 296630 &:= 1 \times 2 - (3 - ((4 \times 5 \times 6!) + 7 \times 8! - 9)) &= (9 \times (8! - 7!)) - ((6! \times (5 + 4!)) + (3^2 + 1)) \\
 296631 &:= (1 + (2 \times (3! - 4))) \times (((5!/6 + 7) \times 8) - 9) &= (9 \times 8 \times (7! - 6!)) - ((5 \times ((4 \times 3!)) + 2)) - 1) \\
 296632 &:= 1 \times 2 - ((3! + 4) \times (5^6 - ((7! - 8) \times 9))) &= (9 \times (8! - 7!)) + (6! - (((5! + (4! + 3))^2) - 1)) \\
 296633 &:= (1 \times 2 + 3!) + (((4! - 5) \times 6!) + 7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) + (5 \times (4 \times 3! - (2 \times 1))) \\
 296634 &:= (1 - ((2 - (3! \times 4)) \times 5)) - (6 - (7 \times 8! + 9)) &= (9 \times (8! - 7!) - (6! + 5)) - (((4!/3)/2) + 1) \\
 296635 &:= 1 \times ((2 \times (((3! + 4) \times (5 \times 6!)) - (7 - 8!))) + 9) &= (9 \times (8! - (7! - 6))) - (((5 + 4!) \times (3! + 2)) + 1) \\
 296636 &:= (1 + ((2 + 3! \times 4) \times 5)) - (6 - (7 \times 8! - 9)) &= (9 \times (8! - 7!) - (6! + 5)) - (((4!/3)/2) - 1) \\
 296637 &:= (1 - ((2 + 3!)) \times (4! + 5)) + ((6 - (7! - 8!)) \times 9) &= ((9 + (8!/7)) \times 6) - (5! - ((4^3) - 1)) \\
 296638 &:= 1 - 2 \times 3! - ((4! \times (5! - 6!)) - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! \times (5 \times 4)))) - ((3! \times 2) - 1) \\
 296639 &:= 1 \times 2 - (3 + (((4! + 5) \times 6!) + ((7! - 8!) \times 9))) &= ((9 + (8!/7)) \times 6) - (5! - ((4^3) + 1)) \\
 296640 &:= (1 - 2^{3!}) - ((4! \times (5! - 6!)) - (7 \times (8! + 9))) &= (9 \times (8! - 7!) - 6!/5) - ((4! \times 3!)^2 \times 1) \\
 296641 &:= (1 - 2 \times 3!) - ((4! \times 5! - (6! - (7! - 8!))) \times 9) &= (9 \times (8! - 7!) - (6 \times 5!)) - (((4!/3)/2) - 1) \\
 296642 &:= (1 + 2^{3!}) - ((4! \times (5! - 6!)) - (7 \times (8! - 9))) &= ((9 \times (8! - 7!)) + 6!) - (((5!/4) \times 3!) - (2 \times 1)) \\
 296643 &:= (1 \times 2 + ((3^4 \times (5 \times 6!)) + 7!)) - (8 - 9) &= 9 + 8! - 7 - ((6 \times (5! \times (4 - 3!/2))) - 1) \\
 296644 &:= 1 + 2 \times 3! - ((4! \times (5! - 6!)) - (7 \times 8! - 9)) &= (9 \times (8! - 7!) - 6! + 5) - (((4!/3)/2) + 1) \\
 296645 &:= (1 + ((2 - 3!)) \times (4! + 5)) - (((6 + 7!) - 8!) \times 9) &= (9 \times (8! - (7! + 6))) - (((5 + 4!) \times (3! - 2)) - 1) \\
 296646 &:= (1 - ((2 - (3! \times 4)) \times 5)) + (6 + (7 \times 8! + 9)) &= (9 \times (8! - 7!) - 6! + 5) - (((4!/3)/2) - 1) \\
 296647 &:= ((1 \times 2 + 3! \times 4) \times 5) + ((6 + 7 \times 8!) - 9) &= (9 + (8! \times 7 + ((6! \times 5! - 4!)/3!))) + (2 \times 1) \\
 296648 &:= (1 - ((2 - 3!) \times (4 + 5 \times 6!))) + (7 \times 8! - 9) &= 9 + 8! - 7 - (6 \times ((5! \times (4 - 3!/2)) - 1)) \\
 296649 &:= (1 \times 2 + (3^4 \times (5 \times 6! + 7))) + 8!/9 &= (9 \times 8 \times (7! - 6!)) - ((5 \times (4 \times 3! - 2)) + 1) \\
 296650 &:= ((1 \times 2 - (3! \times 4)) \times 5) - ((6! - 7!) \times 8 \times 9) &= (9 \times (8! - 7!)) - ((6! \times (5 + 4!)) - (3^2 + 1)) \\
 296651 &:= (1 \times 2 + 3!) + (((4! - 5) \times 6!) + (7 \times 8! + 9)) &= (9 \times (8! - 7!)) + ((6 \times ((5 \times (4! - 3!)) + 2)) - 1) \\
 296652 &:= 1 \times 2 \times (3! \times (4! - (5^6 + (7 - 8! - 9)))) &= ((9 + 8! \times 7) - 6) + ((5 \times ((4 \times 3!)) + 2)) - 1) \\
 296653 &:= ((1 + 2 \times 3!) - ((4! + 5) \times 6!)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) + ((6 \times ((5 \times (4! - 3!)) + 2)) + 1) \\
 296654 &:= (1 + ((2 + 3! \times 4) \times 5)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) + ((5 \times ((4 \times 3!)) + 2)) + 1) \\
 296655 &:= (((1 + 2) \times 3! - 4!) \times 5!) + (6 + (7! \times 8 + 9)) &= (9 + (8! + 7)) - ((6 \times (5! \times (4 - 3!/2))) + 1) \\
 296656 &:= (((1 + 2)^{3!} + 4! \times 5!) \times 6) - (7! - 8!/9) &= (((9 + 8!) \times 7) - 6) + (((5 \times 4) \times (3! - 2)) - 1) \\
 296657 &:= 1 \times 2 + 3! - ((4! \times (5! - 6!)) - (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + (((5 \times 4!) - 3)^2) - 1) \\
 296658 &:= (1 - (((2 - 3!)) \times (4 \times 5)) + 6) + (7 \times (8! + 9)) &= (9 + ((8! \times 7!/6!) + (5 \times ((4 \times 3!)) + 2))) - 1)
 \end{aligned}$$

$$\begin{aligned}
 296659 &:= (1 - (((2 \times 3!)^4) + (5! + 6))) - ((7! - 8!) \times 9) &= (9 + (8! \times 7 + 6!)) + (((5 \times 4!) - 3)^2) + 1 \\
 296660 &:= (1 + 2^{3!}) \times (4 + (((5 - (6 - 7)))! + 8!)/9) &= (9 \times (8! - 7!)) - ((6! - (5! + 4)) \times (3!^2 - 1)) \\
 296661 &:= ((1 + 2) \times (3!! + (4 + (5! \times 6)))) - (7! - 8! - 9) &= (9 + 8! - 7!) + ((6! \times 5! + (4 + 3!!)) \times (2 + 1)) \\
 296662 &:= 1 + 2 \times 3! - ((4! \times (5! - 6!)) - (7 \times 8! + 9)) &= (9 + (8! + 7)) - (6 \times ((5! \times (4 - 3!!/2)) - 1)) \\
 296663 &:= ((1 + 2)! + ((3!! + 4) \times (5!/6))) + (7 \times (8! - 9)) &= ((9 \times (8! - (7 \times 6!))) - 5!) - (((4! \times 3!)^2) + 1) \\
 296664 &:= 1 - (((2 - 3!!) \times ((4! \times 5)/6)) - (7 \times (8! + 9))) &= 9 - ((8 \times (((7! - ((6! + 5) \times 4!)) \times 3) - 2)) + 1) \\
 296665 &:= (1 - (((2 \times 3!)^4) + 5!)) - ((6! \times 7 - 8!) \times 9) &= ((9 \times (8! - (7 \times 6!))) - 5!) - (((4! \times 3!)^2) - 1) \\
 296666 &:= (1 - ((2 - 3!) \times (4 + 5 \times 6!))) + (7 \times 8! + 9) &= 9 - ((8 \times (((7! - ((6! + 5) \times 4!)) \times 3) - 2)) - 1) \\
 296667 &:= ((1 + 2)! + (((3 + (4 \times (5! - 6!))) - (7! - 8!)) \times 9)) &= (9 - ((8 - 7 + 6) \times 5!)) \times (((4 - 3!!)/2) + 1) \\
 296668 &:= 1 \times ((2 + 3)! + (4 \times ((5! + 6! - 7) \times 89))) &= (((9 + 8!) \times 7) + (6! \times (5 \times 4))) - (3!^2 - 1) \\
 296669 &:= (((1 \times 2 + 3!!) \times (4! - 5)) + (6! + 7 \times 8!)) - 9 &= ((9 \times (8! - 7!)) + 6) - (5! + (((4! \times 3!)^2) + 1)) \\
 296670 &:= (1 + ((2 + 3!!) \times (4! - 5))) + (6! + 7 \times 8! - 9) &= (9 \times 8!/7! - 6) \times (5 \times (((4! + 3!)^2) - 1)) \\
 296671 &:= (1 - (((2 \times 3!)^4) + (5! - 6))) - ((7! - 8!) \times 9) &= ((9 \times (8! - 7!)) + 6) - ((5! + ((4! \times 3!)^2)) - 1) \\
 296672 &:= 1 - (((2 - (3!! + 4)) \times (5!/6)) - (7 \times 8! - 9)) &= (9 + (8 \times (7! - (6! + 5)))) + ((4^{3^2}) - 1) \\
 296673 &:= ((1 + 2)! + ((3 \times (((4! + 5!) \times 6!) - (7! - 8!)) + 9)) &= (((9 + 8) + (((7 \times (6 \times 5)) - 4) \times 3!!)) \times 2) - 1 \\
 296674 &:= (1 - ((2 - 3!) \times (4! + 5 \times 6!))) + (7 \times (8! - 9)) &= (9 + (8 \times (7! - (6! + 5)))) + ((4^{3^2}) + 1) \\
 296675 &:= ((12 \times ((3^{4+5}) + (6! \times 7))) + 8) - 9 &= (9 \times (8! - 7!)) - ((6! \times (5 + 4!)) - (3!^2 - 1)) \\
 296676 &:= (1 + 2) \times (3 \times (4! - ((5! - ((6 \times 7!)/8)) \times 9))) &= (9 \times 8 \times (7!/6)) + (((5! \times 4) + 3!)^2 \times 1) \\
 296677 &:= (((1 \times 2 + 3!!) \times (4 \times 5)) + 6) + (7 \times 8! - 9) &= (9 \times (8! - 7!)) - ((6! \times (5 + 4!)) - (3!^2 + 1)) \\
 296678 &:= (1 + (((2 + 3!!) \times (4 \times 5)) + 6)) + (7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) + (5 \times ((4 \times (3!! + 2)) - 1)) \\
 296679 &:= (((1 + 2) \times 3!! - 4!) \times 5!) + (((6 + 7!) \times 8) - 9) &= ((9 \times 8 \times (7! - 6!)) - ((5 \times 4) \times (3!! - 2))) - 1 \\
 296680 &:= ((1 \times 2 - 3!!) \times (4 \times 5)) - ((6! - 7!) \times 8 \times 9) &= (((9 + 8!) \times 7) + (6! \times (5 \times 4))) - ((3! - 2)! - 1) \\
 296681 &:= 1 \times (((2 - 3!) \times (((4! - 5!) \times 6!) - 7! - 8)) + 9) &= ((9 \times 8 \times (7! - 6!)) - ((5 \times 4) \times (3!! - 2))) + 1 \\
 296682 &:= 1 + (((2 - 3!) \times (((4! - 5!) \times 6!) - 7! - 8)) + 9) &= ((9 + 8! \times 7) - (6 - ((5 \times 4) \times (3!! + 2)))) - 1 \\
 296683 &:= 1 \times (((2 + 3!!) \times (4 \times 5)) - (6 - (7 \times 8! + 9))) &= ((9 + 8! \times 7) - (6 - ((5 \times 4) \times (3!! + 2)))) \times 1 \\
 296684 &:= ((1 + ((2 + 3!!) \times (4 \times 5))) - (6 - (7 \times 8!))) + 9 &= ((9 + ((8!/7!)^6)) - 5) + (4! \times (3!! \times 2 - 1)) \\
 296685 &:= ((1 + ((2 - 3!!) \times 4)) \times 5) - ((6! - 7!) \times 8 \times 9) &= (9 \times 8 \times (7! - 6!)) - (5 \times ((4 \times (3!! - 2)) - 1)) \\
 296686 &:= (1 - ((2 \times 3!)^4)) - (((5 + 6 + 7!) - 8!) \times 9) &= (((9 + 8!) \times 7) - 6) + ((5 \times (4 \times 3!! - 2)) - 1) \\
 296687 &:= 1 \times (((2 - 3!) \times (4 - (5 \times 6!))) + (7 \times (8! + 9))) &= (9 \times (8! - 7!)) - (6! \times 5) - ((4! \times (3!! - 2)) + 1) \\
 296688 &:= (1 + ((2 + 3!!) \times (4! - 5))) + (6! + (7 \times 8! + 9)) &= (9 \times (8 + 7!)) + ((6 \times 5! - 4!) \times (3!!/2 + 1)) \\
 296689 &:= ((1 + ((2 - 3!!) \times 4!)) - (5 \times 6!)) - ((7! - 8!) \times 9) &= 9 - (8 \times ((7 \times (6 - 5! - ((4! \times 3!)^2))) + 1)) \\
 296690 &:= 1 + (((2 + 3!!) \times ((4! \times 5)/6)) + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + (5 \times ((4 \times (3!! + 2)) - 1)) \\
 296691 &:= (((1 + 2)! + 3!!) \times (4! - 5)) + (6! + (7 \times (8! - 9))) &= (9 \times (8! - 7!)) - 6 - (((5 + 4!) \times (3!! - 2)) + 1) \\
 296692 &:= 1 \times (((2 - 3!!) \times (4! + 5)) - (6 + ((7! - 8!) \times 9))) &= (((9 + 8!) \times 7!/6!) + (5 \times (4 \times 3!! - 2))) - 1 \\
 296693 &:= ((1 + ((2 - 3!!) \times (4! + 5))) - 6) - ((7! - 8!) \times 9) &= (((9 + 8!) \times 7!/6!) + (5 \times (4 \times 3!! - 2))) \times 1 \\
 296694 &:= 1 \times (2 \times ((3! \times (4! - (5^6 - (7 + 8!)))) - 9)) &= (((9 + 8!) \times 7!/6!) + (5 \times (4 \times 3!! - 2))) + 1 \\
 296695 &:= 1 + (2 \times ((3! \times (4! - (5^6 - (7 + 8!)))) - 9)) &= (((9 + 8!) \times 7) - (6 - ((5 \times 4) \times 3!))) - 2 \times 1 \\
 296696 &:= 1 \times (2 - ((3!! \times (4! + 5)) - ((6 - (7! - 8!)) \times 9))) &= 9 - (((8 \times 7) \times (6 - 5! - ((4! \times 3!)^2))) + 1) \\
 296697 &:= 1 + (2 - ((3!! \times (4! + 5)) - ((6 - (7! - 8!)) \times 9))) &= (((9 + 8!) \times 7) + ((6! \times 5! - 4!)/3!)) - 2 \times 1
 \end{aligned}$$

$$\begin{aligned}
 296698 &:= 1 \times (((2 - 3!) \times (4! + 5)) - ((6! \times 7 - 8!) \times 9)) &= ((9 + 8!) \times 7) + 6 + ((5 \times (4 \times 3! - 2)) - 1) \\
 296699 &:= 1 + (((2 - 3!) \times (4! + 5)) - ((6! \times 7 - 8!) \times 9)) &= (9 \times (8! - 7!) - 6!) + (((5! - (4!/3!))/2) - 1) \\
 296700 &:= (((1 + ((2 + 3!) \times 4)) \times 5) + (6 + 7 \times 8!)) + 9 &= (((9 + 8!) \times 7) + 6) + ((5 \times (4 \times 3! - 2)) + 1) \\
 296701 &:= (1 + ((2 - (3! - 4!)) \times (5 \times 6))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - 6!) + (((5! - (4!/3!))/2) + 1) \\
 296702 &:= 1 - (2 - ((3! \times (4! - 5)) + (6! + (7 \times (8! + 9)))) &= (9 + ((8!/7!)^6)) - (((5 - (4! \times 3!)) \times 2) + 1) \\
 296703 &:= (1 + 2) \times (3! + ((4 + ((5! \times (6! + 7))/8)) \times 9)) &= ((9 \times (8! - 7!)) + 6) - (((5 + 4!) \times (3! - 2)) + 1) \\
 296704 &:= (1 + ((2 \times 3!) \times (4! - (5^6 - (7 + 8!)))) - 9 &= (9 + ((8!/7!)^6)) - (((5 - (4! \times 3!)) \times 2) - 1) \\
 296705 &:= ((1 + 2^{3!}) - ((4! + 5) \times 6!)) - ((7! - 8!) \times 9) &= 9 + 8! - (((7 - 6^5) \times (4! + 3^2)) + 1) \\
 296706 &:= ((1 + ((2 - (3! - 4!)) \times 5)) \times 6) - ((7! - 8!) \times 9) &= 9 + 8! + (((7 - 6^5) \times (4 - (3!^2 + 1))) \\
 296707 &:= 1 \times (((2 + 3! \times 4) \times 5) - (6 - (7 \times (8! + 9)))) &= (9 + 8! - (7! + 6!)) - (5 - ((4^3)^2 - 1)) \\
 296708 &:= (1 + ((2 + 3! \times 4) \times 5)) - (6 - (7 \times (8! + 9))) &= (9 + ((8!/7!)^6)) + (5 \times (((4!^3)/2) - 1)) \\
 296709 &:= ((1 + 2)! + 3!) + (((4! - 5) \times 6!) + (7 \times (8! + 9))) &= (9 + 8! - (7! + 6!)) - (5 - ((4^3)^2 + 1)) \\
 296710 &:= 1 - (2 - (((3! + 4) \times (5!/6)) + 7 \times 8! - 9)) &= (((9 - (8 - 7))^6) + 5) + ((4! \times 3! \times 2) + 1) \\
 296711 &:= 1 \times 2 + 3! - ((4! \times (5! - 6!)) - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6!) + (((5 \times 4!) - 3!)^2 - 1) \\
 296712 &:= ((1 + 2 \times 3!) \times 4!) \times (((5! + 6!)/7) \times 8) - 9 &= (9 + 8! - 7!) - (6 \times 5! - ((4^3)^2 - 1)) \\
 296713 &:= (1 - 2 \times 3!) + ((4! \times 5! + (6 \times 7! + 8)) \times 9) &= (((9 + 8!) \times 7) + 6!) + (((5 \times 4!) - 3!)^2 + 1) \\
 296714 &:= (1 + 2^{3!}) - ((4! \times (5! - 6!)) - (7 \times 8! + 9)) &= (9 + 8! - 7!) - (6 \times 5! - ((4^3)^2 + 1)) \\
 296715 &:= 1 \times (2 \times 3! + ((4 \times 5 \times 6!) + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + ((6! \times (5 \times 4)) + (3! \times 2))) \times 1 \\
 296716 &:= 1 \times ((2 \times ((3! \times (4! + 5)) - 6) \times 7) + 8!/9) &= (((9 + 8!) \times 7) + ((6! \times (5 \times 4)) + (3! \times 2))) + 1 \\
 296717 &:= 1 + ((2 \times (((3! \times (4! + 5)) - 6) \times 7) + 8!/9) &= (9 + 8! - (7! + 6!)) + ((5 + (4^3)^2) - 1) \\
 296718 &:= (((1 + 2)! \times (3^4 \times 5)) + (6 + 7!)) + 8 \times 9 &= (((9 + 8!) \times 7) + 6) + ((5 \times ((4 \times 3!) + 2)) - 1) \\
 296719 &:= (1 - (((2 \times 3!)^4 + 5!)) + ((6 - (7! - 8!)) \times 9) &= (9 + 8! - (7! + 6!)) + (5 + ((4^3)^2 + 1)) \\
 296720 &:= (1 - ((2 - 3!) \times (4 + 5 \times 6!))) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + 6) + ((5 \times ((4 \times 3!) + 2)) + 1) \\
 296721 &:= 1 \times (((2 \times 3!) \times (4! - (5^6 - (7 + 8!)))) + 9) &= (((9 \times 8) + 7) \times (6 + ((5^4) \times 3!))) - 2 - 1 \\
 296722 &:= 1 \times (2 - (((3! + 4) \times (5! - 6 \times 7!)) + 8!/9)) &= (9 + ((8!/7!)^6)) + (((5 + 4! \times 3!) \times 2) - 1) \\
 296723 &:= ((1 - (2 \times (3! - ((4! + 5) \times 6!)))) \times 7) + 8!/9 &= (((9 \times 8) + 7) \times (6 + ((5^4) \times 3!))) - 2 + 1 \\
 296724 &:= (1 \times 2 - 3^4) \times (((5! - 6 \times 7!)/8) + 9) &= (9 \times (8! - (7! + 6!))) - (5 + (((4! \times 3!)^2) + 1)) \\
 296725 &:= (1 + 2 \times 3!) \times ((4 \times ((5! \times 6) - 7) \times 8) + 9) &= (((9 \times (8! - (7! + 6!))) - 5) - ((4! \times 3!)^2)) \times 1 \\
 296726 &:= (1 - (((2 \times 3!)^4 + 5)) - (((6 + 7!) - 8!) \times 9) &= (9 \times (8! - (7! + 6!))) - ((5 + ((4! \times 3!)^2)) - 1) \\
 296727 &:= (1 + 2)! - (((3 - ((4 \times 5!) - 6)) \times (7!/8)) + 9) &= (9 \times (8! - (7 \times 6!))) - ((5 + 4!) \times (3! - 2 - 1)) \\
 296728 &:= (1 - ((2 - 3!) \times (4! + 5 \times 6!))) + (7 \times 8! - 9) &= (9 + (((8 + (7! \times 6)) \times 5) - (4 \times 3!)) \times 2) - 1 \\
 296729 &:= ((1 + 2) + (((3 + 4)^5) + (6^7 - 8))) - 9 &= (9 + (((8 + (7! \times 6)) \times 5) - (4 \times 3!)) \times 2) \times 1 \\
 296730 &:= 1 \times 2 \times ((3! \times (4! - (5^6 - (7 + 8!)))) + 9) &= (9 + (((8 + (7! \times 6)) \times 5) - (4 \times 3!)) \times 2) + 1 \\
 296731 &:= (1 + (2 \times (((3 + 4)! \times (5 \times 6)))) - ((7!/8) \times 9) &= (9 \times (8! - (7! + 6!))) - (((5! + (4 \times 3!))^2) - 1) \\
 296732 &:= ((1 + 2) + ((3! + 4) \times (5!/6))) + (7 \times 8! + 9) &= ((9 + ((8!/7!)^6)) - 5) + (4! \times (3! \times 2 + 1)) \\
 296733 &:= (((1 + 2) - 3!) \times (4! + 5)) + 6 - ((7! - 8!) \times 9) &= (((9 - (8 - 7))^6) + 5) + (4! \times (3! \times 2 + 1)) \\
 296734 &:= (1 + ((2 + 3) \times (4! \times 5! + 6))) + (7 \times (8! + 9)) &= (9 \times (8! - (7! + 6!))) + (5 - (((4! \times 3!)^2) + 1)) \\
 296735 &:= (1 + (2 \times ((3^4 + 5!) \times (6! + 7)))) + 8!/9 &= (9 \times (8! - (7! + 6!))) + (5 - ((4! \times 3!)^2 \times 1))
 \end{aligned}$$

$$\begin{aligned}
 296736 &:= (1 - 2 \times 3!) \times (4! - (5! + ((6 \times 7! \times 8)/9))) &= (9 \times (8! - (7! + 6))) + (5 - (((4! \times 3!)^2) - 1)) \\
 296737 &:= 1 \times (((2 + 3!) \times (4 \times 5)) - (6 - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - 6) + ((5 \times 4) \times (3!! + 2 \times 1)) \\
 296738 &:= ((1 + ((2 + 3!) \times (4 \times 5))) - 6) + (7 \times (8! + 9)) &= (9 \times (8! - ((7 \times 6!) + 5))) - (((4! \times 3!)^2) + 1) \\
 296739 &:= 1 - (2 \times (3!! \times 4 - ((5 \times (6 \times 7! + 8)) + 9))) &= (9 \times (8! - ((7 \times 6!) + 5))) - ((4! \times 3!)^2 \times 1) \\
 296740 &:= (1 - ((2 \times 3!)^4)) - (((5 + (6! \times 7)) - 8!) \times 9) &= ((9 + ((8! \times 7)/6!)) \times 5) \times (4 \times (3!^2 + 1)) \\
 296741 &:= 1 \times 2 - (((3 - ((4 \times 5!) - 6)) \times (7!/8)) - 9) &= (((9 + 8!) \times 7) + 6!) - ((5 - 4!) \times (3!! + 2 \times 1)) \\
 296742 &:= (1 + ((2 + 3!) \times (4! - 5))) + (6! + (7 \times (8! + 9))) &= (9 + (((8!/7!)^6) + 5)) + (4! \times (3!! \times 2 + 1)) \\
 296743 &:= ((1 - 2) + ((3 + 4)^5)) + (6^7 - 8 + 9) &= 9 - (8 + (((7 \times (6 - 5!)) - 4!) \times (3!!/2 + 1))) \\
 296744 &:= (1 \times 2 + (((3 + 4)^5) + (6^7 + 8))) - 9 &= (((9 + 8!) \times 7) + 6) + (5 \times ((4 \times (3!! + 2)) - 1)) \\
 296745 &:= (1 + 2)! - (((3 - ((4 \times 5!) - 6)) \times (7!/8)) - 9) &= (((((9 + 8) \times (7 + 6!)) + 5) \times 4!) + 3^2) \times 1 \\
 296746 &:= (1 - ((2 - 3!) \times (4! + 5 \times 6!))) + (7 \times 8! + 9) &= (9 + 8! \times 7) + (((6! - (5! - 4)) \times (3! - 2)!) + 1) \\
 296747 &:= 1 + (2 + (((3 + 4)^5) + (6^7 - 8 + 9))) &= (((((9 + 8) \times (7 + 6!)) + 5) \times 4!) + ((3! \times 2) - 1)) \\
 296748 &:= (((1 + 2)^{3!}) \times (4! - 5)) + 6! + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) + 6) + (((5 \times 4) \times (3!! + 2)) - 1) \\
 296749 &:= 1 - (((2 \times (3^4 + (5 \times 6! - 7))) - 8!) \times 9) &= ((9 + 8!) \times 7) + 6) + ((5 \times 4) \times (3!! + 2 \times 1)) \\
 296750 &:= (1 + (((2 + 3!) \times (4 \times 5)) + 6)) + (7 \times (8! + 9)) &= (9 + 8! \times 7) - (((6! + 5) \times (4 - (3! - 2)!)) - 1) \\
 296751 &:= (1 + 2 \times 3!) \times ((4 \times (5 + ((6! - 7) \times 8))) - 9) &= (9 \times (8! - (7! - 6))) - (((5 + 4!) \times (3!! - 2)) + 1) \\
 296752 &:= ((1 \times 2 - 3!) \times (4! + 5)) + ((6 - (7! - 8!)) \times 9) &= ((9 + (8!/7)) \times 6) - (5 - ((4^{3^2}) - 1)) \\
 296753 &:= (1 + ((2 - 3!) \times (4! + 5))) + ((6 - (7! - 8!)) \times 9) &= (9 \times (8! - (7! - 6))) - (((5 + 4!) \times (3!! - 2)) - 1) \\
 296754 &:= (((1 + ((2 + 3!) \times 4)) \times 5) + 6) + (7 \times (8! + 9)) &= ((9 + (8!/7)) \times 6) - (5 - ((4^{3^2}) + 1)) \\
 296755 &:= (1 - (((2 \times 3!)^4) + (5 \times 6))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - (((6 \times 5) + ((4! \times 3!)^2)) - 1) \\
 296756 &:= (12 + (((3 + 4)^5) + 6^7)) - (8 - 9) &= ((9 \times 87) \times ((6! - (5 - 43))/2)) - 1 \\
 296757 &:= 1 \times ((2 \times ((3!^4 \times (5! - 6)) + 7!/8)) + 9) &= ((9 + (8!/7)) \times (6!/5!)) + ((4^{3^2}) - 1) \\
 296758 &:= 1 + ((2 \times ((3!^4 \times (5! - 6)) + 7!/8)) + 9) &= ((9 + (8!/7)) \times (6!/5!)) + (4^{3 \times (2+1)}) \\
 296759 &:= (1 - (2 \times ((3 - ((4! + 5) \times 6!)) \times 7))) + 8!/9 &= ((9 + (8!/7)) \times (6!/5!)) + ((4^{3^2}) + 1) \\
 296760 &:= (((1 + 2)! - 3!) \times (4! + 5)) - (((6 + 7!) - 8!) \times 9) &= (9 \times (8!/7)) - (6! - (5! \times (4^{3!}/2 - 1))) \\
 296761 &:= ((1 + (2 + 3)!) - ((4! + 5) \times 6!)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - (6! - 5!)) - (((4!/3)!/2) - 1) \\
 296762 &:= (1 \times 2 + (((3 + 4)^5) + (6^7 + 8))) + 9 &= ((9 + (8!/7)) \times 6) + ((5 + (4^{3^2})) - 1) \\
 296763 &:= (((1 + 2)! + 3!) \times (4! - 5)) + (6! + (7 \times 8! + 9)) &= (((((9 + (8!/7)) \times 6) + 5) + (4^{3^2})) \times 1) \\
 296764 &:= ((1 + 2)!^3) + (4 \times ((5! + 6! - 7) \times 89)) &= ((9 + (8!/7)) \times 6) + (5 + ((4^{3^2}) + 1)) \\
 296765 &:= (1 + (2 \times (3! + 4!))) \times (5 - (((6! - 7!)/8) \times 9)) &= (9 + (8 \times ((7 + 6!) - 5!))) \times ((4^3) - 2 - 1) \\
 296766 &:= ((1 + 2)! + (((3 + 4)^5) + 6^7)) + (8 + 9) &= (9 \times (8! - 7!)) + (6 \times ((5 \times (4! - 3!)) + 21)) \\
 296767 &:= 1 \times 2^{3!} - ((4! \times (5! - 6!)) - (7 \times (8! + 9))) &= 9 - (((8 + 7! - 6) \times (5 - 4^3)) + (2 + 1)!) \\
 296768 &:= (1 + 2^{3!}) - ((4! \times (5! - 6!)) - (7 \times (8! + 9))) &= (9 + (8! \times 7 + (6! \times (5 \times 4)))) + (((3 + 2)!) - 1) \\
 296769 &:= ((1 + 2) \times ((3! \times (4! + 5^6)) + 7! - 8)) - 9 &= (9 - (8!/(7!/6!))) + (5! \times (((4 + 3)!/2) + 1)) \\
 296770 &:= (1 + (2 + 3)!) - ((4! \times (5! - 6!)) - (7 \times 8! + 9)) &= (((9 - 8) + 7!) - (6 + 5)) \times (((4! + 3!) \times 2) - 1) \\
 296771 &:= (((1 + 2)!! + (3 + 4)) \times (5!/6)) + 7 \times 8! - 9 &= (((9 + 8) \times (7 + 6!)) + 5) \times 4! + (3!^2 - 1) \\
 296772 &:= (1 + 2)! \times (3! + (4 \times (5 + ((6! + 7) \times (8 + 9)))) &= (9 \times (8! - 7!) - 6) - (5 + (((4! \times 3!)^2) + 1))
 \end{aligned}$$

$$\begin{aligned}
 296773 &:= (((1 - (2 + 3)!) \times (4 - 5!)) + (6! + 7 \times 8!)) + 9 &= (9 \times (8! - 7!) - 6) - (5 + ((4! \times 3!)^2 \times 1)) \\
 296774 &:= (1 - (((2 \times 3!)^4) + 5)) - (6 + ((7! - 8!) \times 9)) &= (9 \times (8! - 7!) - 6) - ((5 + ((4! \times 3!)^2)) - 1) \\
 296775 &:= 1 \times (((((2 + 3)!) \times 4) / 5) + (6! + (7 - 8))) \times 9) &= (9 \times (8! - (7! + (6 - 5)))) - ((4! \times 3!)^2 \times 1) \\
 296776 &:= (1 - ((2 \times 3!)^4)) + (((5 - 6) - (7! - 8!)) \times 9) &= (9 \times (8! - (7! + (6 - 5)))) - (((4! \times 3!)^2) - 1) \\
 296777 &:= ((1 + 2)!^{3!}) + (((4^5 + 6 \times 7!) \times 8) + 9) &= (9 \times (8! - 7!)) - (6 + (((5! + (4 \times 3!))^2) + 1)) \\
 296778 &:= (((1 + 2)!^3) \times (4! - 5!)) - (6 + ((7! - 8!) \times 9)) &= ((9 \times (8! - (7 \times 6!))) - 5) - (((4! \times 3!)^2) + 1) \\
 296779 &:= (1 - ((2^{3!+4}) - 5^6)) + (7 \times (8! - 9)) &= (((9 \times (8! - (7 \times 6!))) - 5) - ((4! \times 3!)^2)) \times 1 \\
 296780 &:= (1 - (((2 \times 3!)^4) + 5)) - ((6! \times 7 - 8!) \times 9) &= (9 \times (8! - (7 \times 6!))) - ((5 + ((4! \times 3!)^2)) - 1) \\
 296781 &:= 1 - (2 \times (3!^4 - (5^6 \times 7 + 8! - 9))) &= (9 \times (8! - 7!)) - (((6! / 5 \times (4! \times 3!)) + (2 + 1)) \\
 296782 &:= 1 - (2 - (((3!! + 4) \times (5! / 6)) + (7 \times (8! + 9)))) &= (9 \times (8! - 7!) - 6) + (5 - (((4! \times 3!)^2) + 1)) \\
 296783 &:= ((1 - (2 \times (3! + 4!))) \times (5 + 6 - 7!)) + 8 \times 9 &= (9 \times ((8! / 7 + 6!) \times 5)) + (((4! \times 3!)^2) - 1) \\
 296784 &:= (1 - (((2 \times 3!)^4) - 5)) - (6 + ((7! - 8!) \times 9)) &= (9 \times (8! - 7!) - 6) + (5 - (((4! \times 3!)^2) - 1)) \\
 296785 &:= (1 + (2 + 3)!) + (4! \times (((5! \times (6! - 7)) / 8) - 9)) &= (9 \times ((8! / 7 + 6!) \times 5)) + (((4! \times 3!)^2) + 1) \\
 296786 &:= (1 - (((2 \times 3!)^4) + 5)) + (6 - ((7! - 8!) \times 9)) &= ((9 \times (8! - 7!)) + 6) - ((5 + ((4! \times 3!)^2)) - 1) \\
 296787 &:= ((1 + 2) \times ((3! \times (4! + 5^6)) + 7! - 8)) + 9 &= (9 + (8! \times 7 + 6!)) - (5 - ((4!^3) - (2 - 1))) \\
 296788 &:= ((1 + 2)!! / 3) + (4 \times ((5! + 6! - 7) \times 89)) &= (9 \times (8! - (7 \times 6!))) + (5 - (((4! \times 3!)^2) + 1)) \\
 296789 &:= (1 - (2 \times (3! - ((4! + 5) \times 6! \times 7)))) + 8! / 9 &= (((9 \times (8! - (7 \times 6!))) + 5) - ((4! \times 3!)^2)) \times 1 \\
 296790 &:= (1 - ((2 \times 3!)^4)) + (5 - ((6! \times 7 - 8!) \times 9)) &= (((9 \times (8! - (7 \times 6!))) + 5) - ((4! \times 3!)^2)) + 1 \\
 296791 &:= ((1 + 2^{3!}) \times (4 \times 56)) + (7 \times 8! - 9) &= (9 \times (8! - 7!)) + (6 - (((5! + (4 \times 3!))^2) - 1)) \\
 296792 &:= ((1 + 2)! \times ((3 + 4)!)) - (5^6 - (7 \times (8! - 9))) &= 9 - (((8 - (7 \times (6! + (5 \times 4^{3!})))) \times 2) + 1) \\
 296793 &:= (1 - 2^{3!}) \times (4! + (((5! - (6! - 7)) \times 8) + 9)) &= (9 - 8) \times (7 \times (((6! + (5 \times 4^{3!})) \times 2) - 1)) \\
 296794 &:= (1 - ((2 \times 3!)^4)) - (((5 - 6) + 7!) - 8!) \times 9 &= 9 - (8 - (7 \times (((6! + (5 \times 4^{3!})) \times 2) - 1))) \\
 296795 &:= (1 - (2 \times (3 - ((4! + 5) \times 6! \times 7)))) + 8! / 9 &= ((9 \times (8! - 7!)) + 6) + (5 - ((4! \times 3!)^2 \times 1)) \\
 296796 &:= (1 - (((2 \times 3!)^4) - 5)) + (6 - ((7! - 8!) \times 9)) &= ((9 \times (8! - 7!)) + 6) + (5 - (((4! \times 3!)^2) - 1)) \\
 296797 &:= (1 + ((2 - ((3!! \times 4!) / 5)) \times 6)) - ((7! - 8!) \times 9) &= (9 + (8! \times 7 + 6!)) + ((5 + (4!^3)) - (2 - 1)) \\
 296798 &:= 1 - (2 - (3 \times ((4! - 5) \times (6! + (7 + 8! / 9)))))) &= ((9 + 8!) \times 7) + (((6! - (5! - 4)) \times (3! - 2!)) - 1) \\
 296799 &:= (1 - (2 \times ((3!! + 4) \times 5))) \times (6 - ((7 \times 8) - 9)) &= (9 - 8) \times ((7 \times ((6! + (5 \times 4^{3!})) \times 2)) - 1) \\
 296800 &:= (1 - (2 \times (3 + 4!))) \times ((5 \times (6 \times 7! - 8!)) / 9) &= 9 - (8 - ((7 \times ((6! + (5 \times 4^{3!})) \times 2)) - 1)) \\
 296801 &:= 1 \times (2 + (3 \times ((4! - 5) \times (6! + (7 + 8! / 9)))))) &= 9 - (8 - (7 \times ((6! + (5 \times 4^{3!})) \times 2 \times 1))) \\
 296802 &:= 1 + (2 + (3 \times ((4! - 5) \times (6! + (7 + 8! / 9)))))) &= 9 - 8 + ((7 \times ((6! + (5 \times 4^{3!})) \times 2)) + 1) \\
 296803 &:= (1 + ((2 + (3!! + (4! - 5!))) \times 6)) \times (7 + 8 \times 9) &= ((9 \times 8) + 7) \times ((6 \times (5^4)) + (3! + (2 - 1))) \\
 296804 &:= (1 + (((2 + 3) \times 4) \times (5 + 6!))) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) - (((6! + 5) \times (4 - (3! - 2!))) - 1) \\
 296805 &:= (1 - (((2 \times 3!)^4) - (5! / 6))) - ((7! - 8!) \times 9) &= (((9 + 8) \times (((7 + 6!) \times 5) + (4!^3))) + 2) \times 1 \\
 296806 &:= (1 + 2)! - (((3 \times (4 - 5!)) / 6) \times 7!) - 8! / 9 &= (((9 + 8) \times (((7 + 6!) \times 5) + (4!^3))) + 2) + 1 \\
 296807 &:= ((1 + 2)!)! + ((3^4 \times (5 \times 6!)) + (7 + 8! / 9)) &= (9 - 8) \times (7 \times (((6! + (5 \times 4^{3!})) \times 2) + 1)) \\
 296808 &:= 1 - ((2 \times (3!^4 - (5^6 \times 7 + 8!))) - 9) &= (9 + 8! \times 7) - (((6! - ((5 \times 4^3))) \times 2) + 1) \\
 296809 &:= 1 + ((2 + 3^4) \times (5 \times 6! - (7 + 8 + 9))) &= (9 + (((8! / 7!)^6) + 5!)) + (4! \times (3!! \times 2 - 1)) \\
 296810 &:= 1 \times 2 - ((3!! - (4 + 5!)) \times (6 - (7 \times 8 \times 9))) &= 9 + ((8! \times 7) - (((6! - ((5 \times 4^3))) \times 2) - 1))
 \end{aligned}$$

$$\begin{aligned}
 296811 &:= (1+2) \times (((3!! \times 4! + (5! + (6-7!))) \times 8) + 9) &= (9 \times (8! - (7! - (6-5!)))) - ((4! + 3)^{2+1}) \\
 296812 &:= 1 \times ((2 \times (3! + ((4! + 5) \times 6! \times 7))) + 8!/9) &= 9 + 8! + (7 + ((6^5 - 4) \times (32 + 1))) \\
 296813 &:= (1 + (2 \times (3! + ((4! + 5) \times 6! \times 7)))) + 8!/9 &= (9 \times (8! - 7!)) + ((6 \times 5) - (((4! \times 3!)^2) + 1)) \\
 296814 &:= (1+2)! - ((3!! - (4+5!)) \times (6 - (7 \times 8 \times 9))) &= 9 \times 8 - (((7 \times (6-5!)) - 4!) \times (3!!/2 + 1)) \\
 296815 &:= (1 - (((2 \times 3!)^4) - (5 \times 6))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) + ((6 \times 5) - (((4! \times 3!)^2) - 1)) \\
 296816 &:= 1 - (((2^{3!} \times (4-56)) - 7) \times 89) &= 9 + ((8 + (7 \times ((6! + (5 \times 4^{3!})) \times 2))) - 1) \\
 296817 &:= ((1 - ((2 - (3!!/4)) \times 5!)) + 6^7) - 8!/9 &= 9 + 8 + (7 \times ((6! + (5 \times 4^{3!})) \times 2 \times 1)) \\
 296818 &:= (1 - ((2+3)! \times (4-5!)) + (6! + (7 \times (8! - 9)))) &= 9 + (8 + ((7 \times ((6! + (5 \times 4^{3!})) \times 2)) + 1)) \\
 296819 &:= (((1+2) \times ((3! \times (4! + 5^6)) + 7!)) + 8) + 9 &= (9 \times ((8! + (7! + (6! \times 5!)))/4)) + (3!!/2 - 1) \\
 296820 &:= 1 \times 2 \times (3! \times (4! - (5^6 - (7+8!+9)))) &= (9 \times ((8! + (7! + (6! \times 5!)))/4)) + (3!!/2 \times 1) \\
 296821 &:= ((1 - (2+3)! \times (4 - (5! + 6))) + (7 \times (8! + 9))) &= (9 \times ((8! + (7! + (6! \times 5!)))/4)) + (3!!/2 + 1) \\
 296822 &:= 1 \times (2 + (3!!/4 \times ((5! \times (6+7)) + 89))) &= (((9+8!) \times 7) + (6! \times (5 \times 4))) + (((3+2)!) - 1) \\
 296823 &:= (((1+2)^{3!}) \times (4 \times 5)) - 6) + (7 \times 8! + 9) &= (((9 - (8-7))^6) + 5!) + ((4! \times 3!! \times 2) - 1) \\
 296824 &:= (1 - 2 \times 3!) \times ((4! - ((5! + 6 \times 7!) \times 8))/9) &= (9 + ((8 + (7 \times (6! + (5 \times 4^{3!})))) \times 2)) - 1 \\
 296825 &:= ((-1 + 2 \times 3!)^4) + (56 \times (7! + (8-9))) &= (9 + ((8 + (7 \times (6! + (5 \times 4^{3!})))) \times 2)) \times 1 \\
 296826 &:= (((1+2)!! - (3! + 4)) \times 5!) - (6 \times (7! - 8! + 9)) &= (9 + ((8 + (7 \times (6! + (5 \times 4^{3!})))) \times 2)) + 1 \\
 296827 &:= (((1 - (2+3)!) \times (4-5!)) + 6!) + (7 \times (8! + 9)) &= (((9+8!) \times 7) + 6!) + ((5! - 4) \times (((3+2)!) - 1)) \\
 296828 &:= 1 \times (((23-4) \times (5^6)) - ((7 \times 8) - 9)) &= (9 \times (8! - (7 \times 6! - 5!))) - (((4! \times 3!)^2) + 1) \\
 296829 &:= ((1+2)! \times (3^4 \times (5 \times 6))) + (7 \times 8! + 9) &= (9 - (8 \times (7 - ((6! - 5) \times 4)))) \times (3! \times 2 + 1) \\
 296830 &:= (1 - ((2 \times 3!)^4)) + ((5 - (6! \times 7 - 8!)) \times 9) &= (9 \times (8! - (7 \times 6! - 5!))) - (((4! \times 3!)^2) - 1) \\
 296831 &:= 1 \times 2 + (3 \times (((4+5!) \times (6! + 78)) - 9)) &= ((9+8) \times (((7!/6!)^5) - (4! - 3!))) - ((2+1)!)! \\
 296832 &:= ((1+2)!^3) + (4! \times (((5! \times 6) + 7) \times (8+9))) &= (9 + 8! - (7! + 6!)) + ((5! + (4^{3^2})) - 1) \\
 296833 &:= (1 - ((2^{3!+4}) - (5^6 + 7 \times 8!))) - 9 &= (9 \times (8! - (7! - 6!))) - (5 + ((4! \times 3!)^2 \times 1)) \\
 296834 &:= (1 - (((2 \times 3!)^4) + 5)) + ((6 - (7! - 8!)) \times 9) &= (9 + 8! - (7! + 6!)) + (5! + ((4^{3^2}) + 1)) \\
 296835 &:= (((1+2)^{3!}) \times (4 \times 5)) + (6 + 7 \times 8!) + 9 &= (((9+8) + (7 \times (6! + (5 \times 4^{3!})))) \times 2) + 1 \\
 296836 &:= ((1+2)!)! + ((3!! + 4) \times ((56 \times 7) + 8+9)) &= ((9+8) \times ((7+6) + (5! + (4! \times (3!! + 2)))) - 1) \\
 296837 &:= (((1+2)^{3!}) + 4) \times (5!/6) + (7 \times (8! - 9)) &= (9 \times (8! - (7! - 6!))) - (((5! + (4 \times 3!))^2) + 1) \\
 296838 &:= (((1+2)!^3) \times (4! - 5!)) + ((6 - (7! - 8!)) \times 9) &= ((9 \times (8! - 7!) - 6^5)/4!) \times ((3! - 2)! - 1) \\
 296839 &:= 1 + ((2 + (((3!! - 4) \times 5) + 6!)) \times (78 - 9)) &= (9 \times (8! - (7! - 6!))) - (((5! + (4 \times 3!))^2) - 1) \\
 296840 &:= (1 \times 2 \times ((3!! + 4) \times 5)) \times (6 \times 7 + (8 - 9)) &= (((9+8!) \times 7) + 6!) - (5 - ((4!^3) - (2 \times 1))) \\
 296841 &:= (1 - (2+3)!) + ((4! + 5) \times (6! + (7! + 8!/9))) &= (((9+8!) \times 7) + 6!) - (5 - ((4!^3) - (2 - 1))) \\
 296842 &:= (1 + (((2^{3+4}) \times (5! - 6)) + 7 \times 8!)) + 9 &= (9 \times (8! - (7! - 6!))) + (5 - (((4! \times 3!)^2) + 1)) \\
 296843 &:= (1 + (2 \times ((3 + ((4! + 5) \times 6!)) \times 7))) + 8!/9 &= (9 \times (8! - (7! - 6!))) + (5 - ((4! \times 3!)^2 \times 1)) \\
 296844 &:= (1 - (((2 \times 3!)^4) - 5)) + ((6 - (7! - 8!)) \times 9) &= (((((9+8!) \times 7) + (6 \times 5!)) + (4!^3)) - 2) - 1 \\
 296845 &:= 1 - ((2 - (3 \times (4 \times 5))) \times (6 + (7! + 8 \times 9))) &= (((((9+8!) \times 7) + (6 \times 5!)) + (4!^3)) - 2) \times 1 \\
 296846 &:= ((1 + 2 \times 3!!) \times (4 - (5 \times 6 \times 7))) \times (8 - 9) &= (((((9+8!) \times 7) + (6 \times 5!)) + (4!^3)) - 2) + 1 \\
 296847 &:= ((1+2)!^3) - ((4! \times (5! - 6!)) - (7 \times 8! - 9)) &= 9 - (8 - (((7 \times (6 \times 5)) - 4) \times (3!! \times 2 + 1))) \\
 296848 &:= (1 + (((2+3)! - 4) \times (5! + 6))) + (7 \times 8! - 9) &= (((9 - (8-7))^6) + 5!) + (4! \times (3!! \times 2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 296849 &:= ((1 + (2 \times (3 + ((4! + 5) \times 6!)))) \times 7) + 8!/9 &= (9 \times (8! - (7! + 6))) + (5! - (((4! \times 3!)^2) + 1)) \\
 296850 &:= 1 \times (2 \times (3 + ((4! + 5) \times (6 + (7! + 8 \times 9)))) &= 9 - (8 + (7 \times (((6 - 5!) \times ((4! + 3!)/2)) + 1))) \\
 296851 &:= (1 - (((2 \times 3!)^4) - 5!)) - (((6 + 7!) - 8!) \times 9 &= (9 \times (8! - (7! + 6))) + (5! - (((4! \times 3!)^2) - 1)) \\
 296852 &:= 1 - (((2 + 3) - 4!) \times (5^6)) + (7 + 8 + 9) &= 9 - (((8 + (7!/6 + 5)) \times ((4! - 3!)/2)) + 1) \\
 296853 &:= 1 - (2 \times (((3!/4) - 5^6) \times 7) - 8! + 9) &= (9 - ((8 + (7!/6 + 5)) \times ((4! - 3!)/2))) \times 1 \\
 296854 &:= 1 - ((2 + ((3 + 4)!) + (5^6 + ((7! - 8!) \times 9))) &= (9 - ((8 + (7!/6 + 5)) \times ((4! - 3!)/2))) + 1 \\
 296855 &:= (1 - 2) \times (((3 + 4)!) + (5^6 + ((7! - 8!) \times 9))) &= 9 - ((8 - ((7 \times (6 \times 5)) + 4)) \times (3! \times 2 + 1)) \\
 296856 &:= 1 \times 2 \times (3! + ((4! + 5) \times (6 + (7! + 8 \times 9)))) &= 9 - (8 + ((7 \times ((6 - 5!) \times ((4! + 3!)/2))) + 1)) \\
 296857 &:= 1 \times ((2 - ((3 + 4)!) - (5^6 + ((7! - 8!) \times 9))) &= (9 + (((8!/7!)^6) + 5!)) + (4! \times (3! \times 2 + 1)) \\
 296858 &:= 1 + ((2 - ((3 + 4)!) - (5^6 + ((7! - 8!) \times 9))) &= 9 - ((8 + (7 \times ((6 - 5!) \times ((4! + 3!)/2)))) - 1) \\
 296859 &:= (1 + 2) \times (((3! + 4!) \times (5! + (6 + 7))) - 8 + 9) &= (9 - (8!/7)) + (((6! + 5!)/4) \times (3! \times 2 + 1)) \\
 296860 &:= ((1 + 2)!)! + ((3! \times 4! + (5!/6 \times 7)) \times (8 + 9)) &= ((9 + (8! \times 7!/6!)) - 5) - ((4! - 3!) \times 21) \\
 296861 &:= (1 + 2)! - (((3 + 4)!) + (5^6 + ((7! - 8!) \times 9))) &= ((9 + (87 \times 6!)) \times 5) - (4^{3+2-1}) \\
 296862 &:= 1 - ((2 \times (((3!/4) - 5^6) \times 7) - 8!) + 9) &= ((9 + 8!) \times 7) - (((6! - ((5 \times 4)^3)) \times 2) + 1) \\
 296863 &:= ((1 + 2^{3!}) \times (4 \times 56)) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) - ((6! - ((5 \times 4)^3)) \times 2 \times 1) \\
 296864 &:= ((1 + 2)! \times ((3 + 4)!) - (5^6 - (7 \times 8! + 9))) &= 9 - (8 + (7 \times (((6 - 5!) \times ((4! + 3!)/2)) - 1))) \\
 296865 &:= ((1 + 2)!^3) - ((4! \times (5! - 6!)) - (7 \times 8! + 9)) &= 9 \times 8 + (7 \times (((6! + (5 \times 4^{3!})) \times 2) - 1)) \\
 296866 &:= (1 + (((2 + 3)! - 4) \times (5! + 6))) + (7 \times 8! + 9) &= 9 + 8 - (7 \times (((6 - 5!) \times ((4! + 3!)/2)) + 1)) \\
 296867 &:= 12 - (((3 + 4)!) + (5^6 + ((7! - 8!) \times 9))) &= 9 + ((8! \times 7 + ((6 + 5)^4)) - ((3! - 2)! - 1)) \\
 296868 &:= ((1 + 2) - 3^4) \times (5! - (6 - ((7! - 8!)/9))) &= (9 \times (8! - (7! - 6))) - ((5 + 4!) \times (3! - (2 + 1)!)) \\
 296869 &:= 1 - (((23 - 4) \times (5^6)) - 7) \times (8 - 9) &= 9 + ((8! \times 7 + ((6 + 5)^{4!/3!})) - 21) \\
 296870 &:= 1 - (((2 + 3) - 4!) \times (5^6)) + ((7 + 8) - 9) &= (((9 \times 8) + (7! \times 6)) - (5^4)) \times (3^2 + 1) \\
 296871 &:= (((1 + 2)!! - (3! + 4)) \times 5!) - ((6 \times (7! - 8!)) + 9) &= 9 \times 8 + ((7 \times ((6! + (5 \times 4^{3!})) \times 2)) - 1) \\
 296872 &:= (1 - ((2 + 3)! \times (4 - 5!))) + (6! + 7 \times 8! - 9) &= 9 \times 8 + (7 \times ((6! + (5 \times 4^{3!})) \times 2 \times 1)) \\
 296873 &:= -1 - (((2 \times (3! + (4! \times 5! + 67))) - 8!) \times 9) &= 9 \times 8 + ((7 \times ((6! + (5 \times 4^{3!})) \times 2)) + 1) \\
 296874 &:= (((1 + 2)^{3!}) \times (4! - 5)) + 6! + (7 \times (8! + 9)) &= 9 + 8 - ((7 \times ((6 - 5!) \times ((4! + 3!)/2))) - 1) \\
 296875 &:= (((1 + 2) \times 3!! - 4) \times (5! + (6 - 7))) + 8! - 9 &= ((9 + 8! \times 7) + (((6 + 5)^4) + 3!)) - 21 \\
 296876 &:= 1 - (((2 + 3) - 4!) \times (5^{(6 \times (7-8)+9)!})) &= (9 + ((8 - (7 \times 6!)) \times (5 - 4^3))) - 21 \\
 296877 &:= (((1 + 2)^{3!}) \times (4 \times 5)) - 6 + (7 \times (8! + 9)) &= ((9 + (8!/7)) \times 6) + ((5! + (4^{3^2})) - 1) \\
 296878 &:= ((-1 \times 2) + 3!!) - (4 \times (5! \times (6 - (7 \times 89)))) &= (9 \times 8 \times (7! - 6!)) - (((5! - (4 - 3))^2) + 1) \\
 296879 &:= 1 - (2 - (3! - (4 \times (5! \times (6 - (7 \times 89)))))) &= ((9 + (8!/7)) \times 6) + (5! + ((4^{3^2}) + 1)) \\
 296880 &:= ((1 \times 2 - (3!/4)) \times 5!) + (6! - ((7! - 8!) \times 9)) &= (9 \times (8!/7)) - (6! - (5! \times (4^{3!}/2 \times 1))) \\
 296881 &:= (1 + (((2 - (3!/4)) \times 5!) + 6!)) - ((7! - 8!) \times 9) &= (9 \times (8!/7)) - (6! - ((5! \times (4^{3!}/2)) + 1)) \\
 296882 &:= 1 \times 2 - ((3! + 4) \times (5! - (6 \times (7! - 8 \times 9)))) &= ((9 \times 8) + 7) \times ((6 \times (5^4)) + (3! + 2 \times 1)) \\
 296883 &:= ((1 + 2)! \times (3^4 \times (5 \times 6))) + (7 \times (8! + 9)) &= ((9 + 8! \times 7) - 6) + (((5! + (4 - 3))^2) - 1) \\
 296884 &:= (((1 + 2)^{3!}) - (4 + 5 \times 6!)) \times 7 - 8!/9 &= (9 + 8! \times 7) - (6 - ((5! + (4 - 3))^2 \times 1)) \\
 296885 &:= (1 + (2 \times ((3! + ((4! + 5) \times 6!)) \times 7))) + 8!/9 &= (9 + 8! \times 7) - (6 - (((5! + (4 - 3))^2) + 1)) \\
 296886 &:= (1 + 2)! - ((3! + 4) \times (5! - (6 \times (7! - 8 \times 9)))) &= (((9 + 8! \times 7) + ((6 + 5)^4)) - 3!) + (2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 296887 &:= -1 \times (((2 - 3! \times 4!) \times 5!) - (6^7 - 89)) &= (((9 + 8! \times 7) + ((6 + 5)^4)) - 3!) + (2 + 1) \\
 296888 &:= ((1 + 2) - (((3 + 4)! - 5)) \times ((6 + 7) - 8 \times 9)) &= (9 + (8! \times 7 + 6!)) + (((5! - 4) \times ((3 + 2)!)) - 1) \\
 296889 &:= (((1 + 2)! - (3! + 4)) \times 5!) - ((6 \times (7! - 8!)) - 9) &= (((9 + 8! \times 7) + ((6 + 5)^4)) - 3) + (2 \times 1) \\
 296890 &:= (1 - ((2 + 3)! \times (4 - 5!))) + (6! + (7 \times 8! + 9)) &= (9 + 8! - ((7 + (6!/5)) \times (4 - 3!))) \times 2 \times 1 \\
 296891 &:= ((1 + (2 \times (3! + ((4! + 5) \times 6!)))) \times 7) + 8!/9 &= ((9 + 8! \times 7) + (((6 + 5)^4) + 3)) - 2 \times 1 \\
 296892 &:= 12 - ((3! + 4) \times (5! - (6 \times (7! - 8 \times 9)))) &= ((9 + 8! \times 7) + (((6 + 5)^4) + (3 - 2))) + 1 \\
 296893 &:= (((1 + 2) \times 3!! - 4) \times (5! + (6 - 7))) + 8! + 9 &= (9 + (8! \times 7 + 6!)) + ((5! + (4 - 3!))^2 \times 1) \\
 296894 &:= (-1 + ((2^{3+4}) \times (5! - 6))) + (7 \times (8! + 9)) &= (9 + (8! \times 7 + 6!)) + (((5! + (4 - 3!))^2) + 1) \\
 296895 &:= 1 \times (((2^{3+4}) \times (5! - 6)) + (7 \times (8! + 9))) &= (9 + ((8 - (7 \times 6!)) \times (5 - 4^3))) - 2 \times 1 \\
 296896 &:= (1 + ((2^{3+4}) \times (5! - 6))) + (7 \times (8! + 9)) &= (9 + 8! \times 7 + 6) + ((5! + (4 - 3!))^2 \times 1) \\
 296897 &:= (1 - 2^{3!}) + ((4! + 5) \times (6! + (7! + 8!/9))) &= (9 \times (8! - 7!) - 6) + (5! - (((4! \times 3!)^2) + 1)) \\
 296898 &:= (1 + 2) \times (((3 - 4!) \times (5! - 6 - 7!)) - 8!/9) &= (9 \times (8! - 7!) - 6) + (5! - ((4! \times 3!)^2 \times 1)) \\
 296899 &:= (1 - (((2 \times 3!)^4) - (5! - 6))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - 6) + (5! - (((4! \times 3!)^2) - 1)) \\
 296900 &:= 1 - (((2 + 3) - 4!) \times (5^6) - (7 + 8 + 9)) &= ((9 + 8! \times 7) + (((6 + 5)^4) + 3^2)) + 1 \\
 296901 &:= ((1 + 2)! \times 3!!) - ((4! + 5) \times (6 \times 7! - 8! - 9)) &= ((9 + 8! \times 7) + (((6 + 5)^4) + (3! \times 2))) - 1 \\
 296902 &:= -1 + (((23 - 4) \times (5^6 - (7 - 8))) + 9) &= 9 - ((8 - (7!/6 - (5!/4!))) \times (3!!/2 - 1)) \\
 296903 &:= 1 \times (((23 - 4) \times (5^6 - (7 - 8))) + 9) &= (9 \times (8! - (7 \times 6!))) + (5! - (((4! \times 3!)^2) + 1)) \\
 296904 &:= (1 + 2) \times ((3! \times 4! - 5) \times (6! - (7 - 8 + 9))) &= 9 + (((8! \times 7) - 6!) + ((5! + (4!/3!))^2)) - 1 \\
 296905 &:= (1 - (((2 \times 3!)^4) - 5!)) - ((6! \times 7 - 8!) \times 9) &= (9 \times (8! - (7 \times 6!))) + (5! - (((4! \times 3!)^2) - 1)) \\
 296906 &:= 1 - ((2 - (3!! \times 4! + (5! + 67))) \times (8 + 9)) &= 9 + (((8! \times 7) - 6!) + (((5! + (4!/3!))^2) + 1)) \\
 296907 &:= (1 + 2 \times 3!) \times ((4! \times ((5! + (6 - 7)) \times 8)) - 9) &= (9 + 8 - (7! - 6!)) \times (5 - ((4! \times 3) + 2 \times 1)) \\
 296908 &:= 1 - (((2 + (3 \times 4!)) - 5) \times (6! - (7! - (8 + 9)))) &= (((9 + 8!) \times 7) + ((6 + 5)^4)) - (3! \times (2 + 1)!) \\
 296909 &:= (((((1 + 2)^{3!}) + 4) \times (5!/6)) + 7 \times 8!) + 9 &= ((9 \times (8! - 7!)) + 6) + (5! - (((4! \times 3!)^2) + 1)) \\
 296910 &:= 1 \times (((2 \times ((3 + 4)^5)) + (6 - 7!/8)) \times 9) &= (((9 + (8! \times 7 + (6! + 5!))) + (4!^3)) - 2) - 1 \\
 296911 &:= (1 - (((2 \times 3!)^4) - (5! + 6))) - ((7! - 8!) \times 9) &= (((9 + (8! \times 7 + (6! + 5!))) + (4!^3)) - 2) \times 1 \\
 296912 &:= (1 - 23) \times (4! - (((5! \times 6!) - (7! - 8!))/9)) &= (((9 + (8! \times 7 + (6! + 5!))) + (4!^3)) - 2) + 1 \\
 296913 &:= (1 + (((2 + 3!)! + (4! \times (5! - 6))) \times 7)) - 8!/9 &= ((9 + (8! \times 7 + (6! + 5!))) + (4!^3)) \times (2 - 1) \\
 296914 &:= (((-1 + 2 \times 3!)^4) - (5 \times 6)) + (7 \times (8! + 9)) &= ((9 + (8! \times 7 + (6! + 5!))) + (4!^3 + 2)) - 1 \\
 296915 &:= -1 - (2 \times ((3 \times 4!) - ((5 \times 6) \times (7! - 89)))) &= ((9 + (8! \times 7 + (6! + 5!))) + (4!^3 + 2)) \times 1 \\
 296916 &:= (12 + 3!^4) \times ((5 \times 6 \times 7) + 8 + 9) &= ((9 + (8! \times 7 + (6! + 5!))) + (4!^3 + 2)) + 1 \\
 296917 &:= 1 - (2 \times ((3 \times 4!) - ((5 \times 6) \times (7! - 89)))) &= (98 \times (7 + ((6 + 5!) \times 4!))) - (((3 + 2)!) + 1) \\
 296918 &:= (1 - 2 - ((3 \times (4! - (5! \times (6! - 7)))) - 8!)) - 9 &= (9 \times (8! - 7!)) - (6! + (((5! + (4! - 3!))^2) + 1)) \\
 296919 &:= ((1 + ((2 + 3!)! + (4! \times (5! - 6)))) \times 7) - 8!/9 &= (9 \times (8! - 7!)) - (6! + ((5! + (4! - 3!))^2 \times 1)) \\
 296920 &:= (1 + (((2 + 3)! - 4) \times (5! + 6))) + (7 \times (8! + 9)) &= (9 \times (8! - 7!)) - ((6! + ((5! + (4! - 3!))^2)) - 1) \\
 296921 &:= 1 \times (2 - ((3 \times (4! - (5! \times (6! - 7)))) - 8! + 9)) &= 9 \times 8 - (7 \times (((6 - 5!) \times ((4! + 3!)/2)) + 1)) \\
 296922 &:= 1 + (2 - ((3 \times (4! - (5! \times (6! - 7)))) - 8! + 9)) &= ((9 + 8) \times (((7 + 6!) \times 5) - (4 + 3!))) \times (2 + 1)! \\
 296923 &:= 1 - (((2 + 3) - 4!) \times (5^6) - ((7 \times 8) - 9)) &= ((9 \times ((8! - 7) - 6^5)) + 4^3!) - (2 + 1)! \\
 296924 &:= 1 \times (2 + ((3 - (4! + 5 \times 6!)) \times (7 - 89))) &= (((9 + 8!) \times 7!/6!) + 5) - ((4! - 3!) \times 21)
 \end{aligned}$$

$$\begin{aligned}
 296925 &:= ((1+2)! - ((3 \times (4! - (5! \times (6! - 7)))) - 8!)) - 9 &= ((9+8! \times 7) + ((6+5)^4)) + (3!^2 - 1) \\
 296926 &:= ((1+2)! - ((3+4!) \times 5!)) + (67 \times (8!/9)) &= ((9 \times ((8! - 7) - 6^5)) + 4^{3!}) - (2+1) \\
 296927 &:= 1 - (2 - (((3+4)! \times 5) + (6 \times ((7! - 8) \times 9)))) &= (9 \times (8! - 7!)) + (6!/5 - (((4! \times 3!)^2) + 1)) \\
 296928 &:= (1+2)!! - ((3!! - ((4 - (5! + 6! - 7!)) \times 8)) \times 9) &= (9 \times (8! - 7!)) + (6!/5 - ((4! \times 3!)^2 \times 1)) \\
 296929 &:= ((12 \times (3!^4 + 5!)) + 6^7) - (8 - 9) &= 9 + 8! - (7 - ((6^5 \times (4! + 3^2)) - 1)) \\
 296930 &:= (1 \times 2 - 3!!) + ((4! \times 5! + (6 \times (7! - 8))) \times 9) &= ((9 \times ((8! - 7) - 6^5)) + (4^{3!} + 2)) - 1 \\
 296931 &:= ((1+2) - 3!!) + ((4! \times 5! + (6 \times (7! - 8))) \times 9) &= 9 + 8! - 7 + ((6^5 \times (4! + 3^2)) + 1) \\
 296932 &:= (12 - ((3+4!) \times 5!)) + (67 \times (8!/9)) &= ((9 \times ((8! - 7) - 6^5)) + (4^{3!} + 2)) + 1 \\
 296933 &:= (((12 - 3!!) \times 4!) - 5) - 6^7 \times (8 - 9) &= (((9+8!) \times 7) + ((6+5)^4)) - ((3! \times 2) - 1) \\
 296934 &:= ((1+2)! - 3!!) + ((4! \times 5! + (6 \times (7! - 8))) \times 9) &= (9 \times 8!/7! - 6) \times ((5 \times ((4! + 3!)^2)) - 1) \\
 296935 &:= (((1+2)!! - 3!) \times 4!) - (5! - (6^7 - (8+9))) &= 9 \times 8 - (7 \times (((6-5!) \times ((4! + 3!)/2)) - 1)) \\
 296936 &:= 1 - ((2 + (3 \times (4! - (5! \times (6! - 7)))) - 8! - 9) &= ((9+8! \times 7) + (6^5)) + (((4!^3)/2) - 1) \\
 296937 &:= (1+2)!! - ((3 - (4! \times (5!/6))) \times (7!/8 - 9)) &= ((9+8! \times 7) + (6^5)) + ((4!^3)/2 \times 1) \\
 296938 &:= 1 \times (((2 + ((3+4)!)) \times 5) + (6 \times ((7! - 8) \times 9))) &= ((9+8! \times 7) + (6^5)) + (((4!^3)/2) + 1) \\
 296939 &:= (1 \times 2 - (3 \times (4! - (5! \times (6! - 7)))) + (8! + 9) &= (9 \times (8! - 7!)) - (((6! + (5! + (4!/3!)))/2) + 1) \\
 296940 &:= (((1+2)!^{3!}) + (4 - (5 \times 6!))) \times 7 - 8!/9 &= (((9+8!) \times 7) + ((6+5)^4)) - 3! + (2 \times 1) \\
 296941 &:= (1 + (((23 - 4) \times (5^6)) + 7 \times 8)) + 9 &= (9 \times (8! - 7!)) - (((6! + (5! + (4!/3!)))/2) - 1) \\
 296942 &:= 1 + (2 + ((3!! \times 4! + (5! + 67)) \times (8+9))) &= (((9+8!) \times 7) + ((6+5)^4)) - 3 + (2 - 1) \\
 296943 &:= ((1+2)! - ((3 \times (4! - (5! \times (6! - 7)))) - 8!)) + 9 &= 9 + 8! + ((7 + (6^5 \times (4! + 3^2))) - 1) \\
 296944 &:= (1 - ((2+3)! \times (4 - 5!)) + (6! + (7 \times (8! + 9)))) &= (9 + (8! + 7)) - (6^5 \times (4 - (3!^2 + 1))) \\
 296945 &:= ((12 \times (3!^4 + 5!)) + (6^7 + 8)) + 9 &= 9 + 8! + (7 + ((6^5 \times (4! + 3^2)) + 1)) \\
 296946 &:= ((1+2 \times 3!) \times (4 \times 5! + 6)) \times ((7 \times 8) - 9) &= (((9+8!) \times 7) + (((6+5)^4) + (3 - 2))) + 1 \\
 296947 &:= 1 \times ((2 - (((3+4)! - 5)) \times ((6+7) - 8 \times 9)) &= (((9+8!) \times 7) + 6!) + ((5! + (4 - 3!))^2 \times 1) \\
 296948 &:= 1 + ((2 - (((3+4)! - 5)) \times ((6+7) - 8 \times 9)) &= (((9+8!) \times 7) + 6!) + (((5! + (4 - 3!))^2) + 1) \\
 296949 &:= (1 - 2 \times 3!) + ((4! + 5) \times (6! + (7! + 8!/9))) &= (((9+8!) \times 7) + 6) + (((5! + (4 - 3!))^2) - 1) \\
 296950 &:= ((((-12 + 3!!) \times 4!) + 5) + (6^7 + 8)) + 9 &= (((9+8!) \times 7) + 6) + ((5! + (4 - 3!))^2 \times 1) \\
 296951 &:= (((1+2)!! - 3!) \times 4!) - (5! - (6^7 + (8 - 9))) &= (((9+8!) \times 7) + 6) + (((5! + (4 - 3!))^2) + 1) \\
 296952 &:= (1 - ((2^{3!} \times (4^5 + (6 - 7!))) - 8!)) - 9 &= (9 + ((8!/7!)^6)) + (((5! + 4! \times 3!) \times 2) - 1) \\
 296953 &:= (((1+2)!! - 3!) \times 4!) - (5! - (6^7 - 8 + 9)) &= (9 + ((8!/7!)^6)) + ((5! + 4! \times 3!) \times 2 \times 1) \\
 296954 &:= 1 \times (((23 - 4) \times (5^6)) + (7 + 8 \times 9)) &= (9 + ((8!/7!)^6)) + (((5! + 4! \times 3!) \times 2) + 1) \\
 296955 &:= ((1+2) \times (3! - (4! - (5! \times (6! - 7)))) + (8! + 9) &= (((9+8!) \times 7) + (((6+5)^4) + (3! \times 2))) - 1 \\
 296956 &:= (1 - 2 \times 3!) \times (4 - (5! + ((6 \times 7! \times 8)/9))) &= (((9+8!) \times 7) + (((6+5)^4) + (3! \times 2))) \times 1 \\
 296957 &:= (1+2) - (3! - ((4! + 5) \times (6! + (7! + 8!/9)))) &= (9 \times (8! - (7! - 6))) + (5! - (((4! \times 3!)^2) + 1)) \\
 296958 &:= (((1+2)! + ((3+4)!)) \times 5) + (6 \times ((7! - 8) \times 9)) &= ((9+8!) \times 7) - (6! - (((5! + (4!/3!))^2) - 1)) \\
 296959 &:= (1 - (((2 \times 3!)^4 - 5!)) + ((6 - (7! - 8!)) \times 9) &= (((9+8!) \times 7) - 6!) + ((5! + (4!/3!))^2) \times 1 \\
 296960 &:= (((1 - ((2 - 3! \times 4!) \times 5!)) + 6^7) - 8) - 9 &= ((9+8!) \times 7) - (6! - (((5! + (4!/3!))^2) + 1)) \\
 296961 &:= (1 + ((2 + (3^4 \times 5)) \times 6!)) - ((7! - 8!)/9) &= (9 \times (((8 \times 7! - 6!) \times 5) - 4!)/3!) - 2 - 1 \\
 296962 &:= (1 + ((2 \times 3!! + 4^5) \times 6)) + (7 \times (8! - 9)) &= (9 \times (((8 \times 7! - 6!) \times 5) - 4!)/3!) - 2 \times 1
 \end{aligned}$$

$$\begin{aligned}
 296963 &:= (1+2)! - (3 - ((4!+5) \times (6!+(7!+8!/9)))) &= ((9 \times (((8 \times 7! - 6!) \times 5) - 4!)/3!)) - 2 + 1 \\
 296964 &:= (1 \times 2 + 3)! - ((4 - (5 \times ((6! - 7) \times 8))) \times 9) &= (((((9+8!) \times 7) + (6!+5!)) + (4!^3)) - 2) - 1 \\
 296965 &:= (1 + (2 + 3!))! - ((4 - (5 \times ((6! - 7) \times 8))) \times 9) &= (((((9+8!) \times 7) + (6!+5!)) + (4!^3)) - 2) \times 1 \\
 296966 &:= 1 \times 2 \times (3 - ((4 - 5!) \times (6! + (7! - 8!/9)))) &= (((((9+8!) \times 7) + (6!+5!)) + (4!^3)) - 2) + 1 \\
 296967 &:= (((1 + 2 \times 3!) + 4^5) \times 6) + (7 \times (8! - 9)) &= ((9 \times (((8 \times 7! - 6!) \times 5) - 4!)/3!)) + 2 + 1 \\
 296968 &:= 1 \times 2 + 3! + ((4!+5) \times (6!+(7!+8!/9))) &= (((((9 \times 8) + 7) \times 6) \times (5^4)) + 3!) - 2 \times 1 \\
 296969 &:= (1+2) + (3! + ((4!+5) \times (6!+(7!+8!/9)))) &= (((9+8!) \times 7) + 6!) + (5! + (4!^3 + 2 \times 1)) \\
 296970 &:= (1 - ((2^3! \times (4^5 + (6 - 7!))) - 8!)) + 9 &= (9 + (((8 - 7) + (6!/5)) \times (4^3!/2))) + 1 \\
 296971 &:= 1 \times (((23 - 4) \times (5^6)) + (7 + 89)) &= (((((9 \times 8) + 7) \times 6) \times (5^4)) + 3! + 2) - 1 \\
 296972 &:= 1 \times (2 \times 3! + ((4!+5) \times (6!+(7!+8!/9)))) &= (((((9 \times 8) + 7) \times 6) \times (5^4)) + 3! + 2) \times 1 \\
 296973 &:= 1 + 2 \times 3! + ((4!+5) \times (6!+(7!+8!/9))) &= (((((9 \times 8) + 7) \times 6) \times (5^4)) + 3! + 2) + 1 \\
 296974 &:= 1 + ((2 + (3!! \times 4! + (5! + 67))) \times (8 + 9)) &= (-98 \times (7 - ((6 \times (5^4)) - 3!))) + ((2 + 1!)!) \\
 296975 &:= ((1 + ((2 - 3! \times 4!) \times 5!)) - 6^7) \times (8 - 9) &= (9 \times (8! - (7! + 6))) - ((5 \times (4^3! + 2)) + 1) \\
 296976 &:= ((1 \times 2 + 3!)! - 4!) + (5 \times ((6! - 7) \times 8 \times 9)) &= (9 \times (8! - (7! + 6))) - (5 \times (4^3! + 2 \times 1)) \\
 296977 &:= (1 - ((2 - 3!!) \times 4!)) - (5! - (6^7 - 8 \times 9)) &= (((9 + 8!/7!) - 6) \times (((5!/4)^3) - 2)) - 1 \\
 296978 &:= (((1 - ((2 - 3! \times 4!) \times 5!)) + 6^7) - 8) + 9 &= (((9 + 8!/7!) - 6) \times (((5!/4)^3) - 2)) \times 1 \\
 296979 &:= (1 - 2) \times ((3 \times (4 - (5! \times (6! - 7)))) - 8! + 9) &= (((9 + 8!/7!) - 6) \times (((5!/4)^3) - 2)) + 1 \\
 296980 &:= -1 + (2 - ((3 \times (4 - (5! \times (6! - 7)))) - 8! + 9)) &= (9 \times ((8 + 7!) \times 6)) + (((5 + 4!)^3) - (2 - 1)) \\
 296981 &:= 1 \times (2 - ((3 \times (4 - (5! \times (6! - 7)))) - 8! + 9)) &= (9 \times (8! - (7! + 6))) - (5 \times (4^3! + (2 - 1))) \\
 296982 &:= 1 + (2 - ((3 \times (4 - (5! \times (6! - 7)))) - 8! + 9)) &= ((9 \times ((8 + 7!) \times 6)) + (((5 + 4!)^3) + 2)) - 1 \\
 296983 &:= 1 \times (23 + ((4!+5) \times (6!+(7!+8!/9)))) &= ((9 \times ((8 + 7!) \times 6)) + (((5 + 4!)^3) + 2)) \times 1 \\
 296984 &:= 1 + (23 + ((4!+5) \times (6!+(7!+8!/9)))) &= ((9 \times ((8 + 7!) \times 6)) + (((5 + 4!)^3) + 2)) + 1 \\
 296985 &:= (1 + 2 \times 3!) \times ((4 \times (5 + ((6! - 7) \times 8))) + 9) &= ((9 \times (8! - (7! + 6))) - ((5 \times 4^3!) + 2)) + 1 \\
 296986 &:= (-1 \times 2) - (3 \times (4! - (5!/6 \times (7! - 89)))) &= ((9 \times (8 \times 7! - 6^5)) + 4^3!) - (2 + 1)! \\
 296987 &:= (1 - ((2^{3 \times 4} \times 5)) - (((6 + 7!) - 8!) \times 9) &= (9 \times (8! - (7! + 6))) - ((5 \times 4^3!) - (2 - 1)) \\
 296988 &:= (1 + 2) \times (3!! - (4 - ((5! + (6! \times (7 + 8))) \times 9))) &= ((9 \times (8! - (7! + 6))) - (5 \times 4^3!)) + (2 \times 1) \\
 296989 &:= ((1 - ((2 \times 3!)/4)) \times (5 - 6!)) - (7 - 8! + 9) &= ((9 + 8!/7!) - 6) \times (((5!/4)^3) - (2 - 1)) \\
 296990 &:= 1 - (((2 \times (3 + 4!)) + 5) \times (6 - 7!)) + 8 + 9 &= (((9 + 8!) \times 7) + (6^5)) + (((4!^3)/2) - 1) \\
 296991 &:= ((1 - (2^{3 \times 4})) \times 5) - (((6 + 7!) - 8!) \times 9) &= (((9 + 8!) \times 7) + (6^5)) + ((4!^3)/2 \times 1) \\
 296992 &:= 1 - (((2 + 3) - 4!) \times (5^6 + 7)) + 8 + 9 &= (((9 + 8!) \times 7) + (6^5)) + (((4!^3)/2) + 1) \\
 296993 &:= (1 \times 2 + (3 \times (4! \times (5 \times (6! - 7)))) + (8! - 9) &= (9 \times (8 \times 7! - 6^5)) + (4^3! + (2 - 1)) \\
 296994 &:= (1 + 2) + ((3 \times (4! \times (5 \times (6! - 7)))) + 8! - 9) &= (9 + 8! - (((((7 - 6!) \times 5!) + 4) \times 3) + 2)) - 1 \\
 296995 &:= (((1 + 2)!! - 3!) \times 4!) - (5 - (6^7 - 8 \times 9)) &= (9 + 8! - (((((7 - 6!) \times 5!) + 4) \times 3) + 2)) \times 1 \\
 296996 &:= (((1 + ((2 \times 3!)/4)) \times (5 + 6!)) - (7! - 8!)) - 9 &= (9 + 8! - (((((7 - 6!) \times 5!) + 4) \times 3) + 2)) + 1 \\
 296997 &:= ((1 + (2 + 3!))! - 4) + (5 \times ((6! - 7) \times 8 \times 9)) &= (9 \times (8! - (7! + 6))) - ((5 \times (4^3! - 2)) - 1) \\
 296998 &:= -12 - ((3! + 4) \times (5 - (6 \times (7! - 89)))) &= (9 + 8! - (((((7 - 6!) \times 5!) + 4) \times 3) - 2)) - 1 \\
 296999 &:= (1 \times 2 - (3 \times (4 - (5! \times (6! - 7)))) + (8! + 9) &= (9 + 8! - (((((7 - 6!) \times 5!) + 4) \times 3) - 2)) \times 1 \\
 297000 &:= ((1 + (2 \times (3 + 4!))) \times (5! - 6!)) \times ((7 - 8) \times 9) &= (9 + 8! - (((((7 - 6!) \times 5!) + 4) \times 3) - 2)) + 1
 \end{aligned}$$

2.1.18 Numbers From 297001 to 298000

$$\begin{aligned}
 297001 &:= (1 + (2 \times 3! - 4!)) + (5 \times ((6! - 7) \times 8 \times 9)) &= (9 \times (8! - 7!)) + (((6! \times ((5 - 4!) \times 3))/2) + 1) \\
 297002 &:= 1 - (2 - ((3 \times (4 + (5! \times (6! - 7)))) + 8! - 9)) &= (98 \times (7 + ((6 + 5!) \times 4!)) - (3! \times (2 + 1)!)) \\
 297003 &:= ((1 - ((2 \times 3!)/4)) \times (5 - 6!)) + (7 + 8! - 9) &= (9 + 8! - (((7 - 6!) \times 5!) + 4) \times 3) + (2 + 1)! \\
 297004 &:= ((1 \times 2 + 3!) + 4) + (5 \times ((6! - 7) \times 8 \times 9)) &= (9 \times 8 \times (7! - 6!)) - ((5! - 4) \times (((3 + 2)!) + 1)) \\
 297005 &:= 1 \times (2 + ((3 \times (4 + (5! \times (6! - 7)))) + 8! - 9)) &= 9 - (8 + (((7! - 6) \times (5 - 4^3)) + 2 \times 1)) \\
 297006 &:= 1 + (2 + ((3 \times (4 + (5! \times (6! - 7)))) + 8! - 9)) &= 9 - 8 - (((7! - 6) \times (5 - 4^3)) + (2 - 1)) \\
 297007 &:= ((1 - ((2 \times 3!)/4)) \times (5 - 6!)) - (7 - 8! - 9) &= (9 \times (8 + 7!)) - ((6! + 5) \times (((4! - 3!)/2) + 1)) \\
 297008 &:= 1 - (((2 + 3) - 4!) \times (5^6 + 7)) - 8 + 9 &= (9 + (8! \times 7 + (6! \times (5 \times 4)))) + (3!/2 - 1) \\
 297009 &:= (1 + 2)! + ((3 \times (4 + (5! \times (6! - 7)))) + 8! - 9) &= (9 + (8! \times 7 + (6! \times (5 \times 4)))) + (3!/2 \times 1) \\
 297010 &:= (1 + (((2 \times 3!^4) - 5!) \times 6)) + (7 \times (8! - 9)) &= (9 + (((((8 \times 7! - 6!) \times 5)/4) \times 3!) + 2)) - 1 \\
 297011 &:= 1 \times (2 + ((3 \times (4! \times (5 \times (6! - 7)))) + 8! + 9)) &= (9 + (((((8 \times 7! - 6!) \times 5)/4) \times 3!) + 2)) \times 1 \\
 297012 &:= (1 - (2 \times (3 + 4!))) \times (5! - ((6 + 7!/8) \times 9)) &= (9 + (((((8 \times 7! - 6!) \times 5)/4) \times 3!) + 2)) + 1 \\
 297013 &:= 1 + (2 - ((3! + 4) \times (5 - (6 \times (7! - 89)))))) &= 9 - ((8 + ((7! - 6) \times (5 - 4^3))) - (2 + 1)!)) \\
 297014 &:= (((1 + ((2 \times 3!)/4)) \times (5 + 6!)) - (7! - 8!)) + 9 &= (9 + 8 \times 7!) + ((6! - (5!/4!)) \times (3!/2 - 1)) \\
 297015 &:= (((1 + (2 \times 3!^4) - 5!) \times 6) + (7 \times (8! - 9))) &= (9 + 8! \times 7) - (6 \times (((5! - ((4 + 3)!) / 2) - 1)) \\
 297016 &:= (1 + ((2 \times 3! + 4^5) \times 6)) + (7 \times 8! - 9) &= (9 \times (8! - 7!)) + (6 - (5 \times (4^3! + (2 + 1)!))) \\
 297017 &:= ((12 \times (3!^4 + 5!)) + 6^7) + 89 &= 9 + 8 - (((7! - 6) \times (5 - 4^3)) + (2 + 1)!)) \\
 297018 &:= (1 - ((2 - (3! + 4!)) \times (5!/6))) + (7 \times (8! - 9)) &= (9 + 8! - (((((7 - 6!) \times 5!) - 4) \times 3) + 2)) - 1 \\
 297019 &:= 1 - ((2 - (3! + (4 - ((5! \times 67) - 8!)))) \times 9) &= (9 + 8! - (((((7 - 6!) \times 5!) - 4) \times 3) + 2)) \times 1 \\
 297020 &:= 1 - (2 - ((3 \times (4 + (5! \times (6! - 7)))) + 8! + 9)) &= (9 + 8! - (((((7 - 6!) \times 5!) - 4) \times 3) + 2)) + 1 \\
 297021 &:= (((1 + 2 \times 3!) + 4^5) \times 6) + (7 \times 8! - 9) &= (9 + (8! + 7)) + ((6! - (5!/4!)) \times (3!/2 - 1)) \\
 297022 &:= 12 - ((3! + 4) \times (5 - (6 \times (7! - 89)))) &= ((9 + 8!/7!) - 6) \times (((5!/4)^3) + 2 \times 1) \\
 297023 &:= 1 \times (2 + ((3 \times (4 + (5! \times (6! - 7)))) + 8! + 9)) &= (9 \times (8! - 7!)) - (6 + ((5 \times (4^3! + 2)) + 1)) \\
 297024 &:= 1 + (2 + ((3 \times (4 + (5! \times (6! - 7)))) + 8! + 9)) &= (9 \times 8!/7! + (6! - 5!)) \times (((4! - 3!)^2) + 1) \\
 297025 &:= (1 + 2^3!) + ((4! + 5) \times (6! + (7! + 8!/9))) &= (9 \times (8! - 7!) - 6) - ((5 \times (4^3! + 2)) - 1) \\
 297026 &:= 1 \times (((2 + 3! \times 4!) - 5!) + 6^7) - 8 \times 9 &= 9 - (8 - (((((7! \times 6) + 5!)/4!) - 3!)^2 \times 1)) \\
 297027 &:= 1 + (((2 + 3! \times 4!) - 5!) + 6^7) - 8 \times 9 &= 9 - 8 + (((((7! \times 6) + 5!)/4!) - 3!)^2) + 1) \\
 297028 &:= 1 - (((2 + 3) - 4!) \times (5^6 + (7 - 8 + 9))) &= (9 + (8! + 7!)) + ((6! + (5 - 4!)) \times (3!/2 - 1)) \\
 297029 &:= -1 - (2 \times (3! \times 4 - (5 \times ((6 \times (7! + 8)) - 9)))) &= (9 \times (8! - 7!)) - (6 + (5 \times (4^3! + (2 - 1)))) \\
 297030 &:= (1 + 2)! \times (((3! \times (4^5 + 6)) + 7) \times 8) + 9 &= (9 \times (8! - (7 \times 6!))) - (5 \times (4^3! + 2 \times 1)) \\
 297031 &:= 1 - (2 \times (3! \times 4 - (5 \times ((6 \times (7! + 8)) - 9)))) &= (9 \times (8! - 7!)) - (6 + ((5 \times 4^3!) + (2 + 1))) \\
 297032 &:= (((1 - (((2 - 3!) \times 4!) + 5!)) + 6^7) - 8) - 9 &= (9 \times (8! - 7!)) - (6 + ((5 \times 4^3!) + 2 \times 1)) \\
 297033 &:= (1 + 2)!! - (3 \times ((4 \times (5^6 - 7! \times 8)) + 9)) &= (9 \times (8! - 7!)) - (6 + ((5 \times 4^3!) + (2 - 1))) \\
 297034 &:= (1 + ((2 \times 3! + 4^5) \times 6)) + (7 \times 8! + 9) &= (9 \times (((8 \times 7! - 6!) \times 5) + 4!)/3!) - 2 \times 1 \\
 297035 &:= (1 - ((2^{3 \times 4} \times 5)) - (6 + ((7! - 8!) \times 9)) &= (9 \times (8! - 7!)) + (6 - ((5 \times (4^3! + 2)) + 1))
 \end{aligned}$$

$$\begin{aligned}
 297036 &:= (1 \times 2 + 3!)! + ((4 + (5 \times ((6! - 7) \times 8))) \times 9) &= (9 \times (8! - 7!)) - ((6 + (5 \times 4^{3!})) - (2 \times 1)) \\
 297037 &:= (1 + (2 + 3!)!) + ((4 + (5 \times ((6! - 7) \times 8))) \times 9) &= (9 \times (8! - 7!)) + (6 - ((5 \times (4^{3!} + 2)) - 1)) \\
 297038 &:= 1 \times (2 + ((3!! + (4 - ((5! \times 67) - 8!))) \times 9)) &= (9 \times (8! - (7 \times 6!))) - ((5 \times 4^{3!}) + 2 \times 1) \\
 297039 &:= (((1 + 2 \times 3!!) + 4^5) \times 6) + (7 \times 8! + 9) &= (9 \times (8! - 7!)) - 6 - (5 \times (4^{3!} - (2 - 1))) \\
 297040 &:= 1 \times (((2 + 3!)! / (4 + 5)) - 6!) \times (7 + 8 \times 9) &= 9 + ((8 \times ((7^6) + (5! - ((4!/3!) \times 2)))) - 1) \\
 297041 &:= 1 + (((2 + 3!)! / (4 + 5)) - 6!) \times (7 + 8 \times 9) &= (9 \times (8! - 7!)) + (6 - (5 \times (4^{3!} + (2 - 1)))) \\
 297042 &:= ((12 - 3!!) \times (4! + 5)) + ((6 - (7! - 8!)) \times 9) &= ((9 \times (8! - (7 \times 6!))) - (5 \times 4^{3!})) + (2 \times 1) \\
 297043 &:= 1 + (2 \times ((34 \times (56 \times 78)) + 9)) &= (9 \times (8! - 7!)) - 6 - ((5 \times (4^{3!} - 2)) + 1) \\
 297044 &:= 1 - ((2 + ((3! + 45) \times (6 - 7!))) - 8! + 9) &= (9 \times (8! - (7 \times (6! + 5)))) - (((4!/3!)/2) + 1) \\
 297045 &:= (((1 + 2 \times 3!!) \times (4! + 5)) + 6) \times 7 + 8!/9 &= (9 \times (8! - 7!)) - 6 - ((5 \times (4^{3!} - 2)) - 1) \\
 297046 &:= 1 \times ((23 - 4) \times (5^6 - ((7 - 8) \times 9))) &= (9 \times (8! - (7 \times (6! + 5)))) - (((4!/3!)/2) - 1) \\
 297047 &:= (1 - (((2^{3 \times 4}) \times 5) - 6)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) + (6 - ((5 \times 4^{3!}) - (2 - 1))) \\
 297048 &:= 1 \times 2 \times (3! \times (4 - (5 \times (6! - ((7!/8) \times 9)))) &= (9 \times (8! - 7!)) + (6 - ((5 \times 4^{3!}) - (2 \times 1))) \\
 297049 &:= ((1 - ((2 - 3! \times 4!) \times 5!)) + 6^7) + 8 \times 9 &= 9 + (8 \times ((7^6) + (5! - (((4!/3!) \times 2) - 1)))) \\
 297050 &:= (((1 - ((2 - 3!!) \times 4!) + 5!)) + 6^7) - 8 + 9 &= (9 \times (8! - (7 \times 6!))) - (5 \times (4^{3!} - (2 \times 1))) \\
 297051 &:= (((1 - (2^{3 \times 4})) \times 5) + 6) - ((7! - 8!) \times 9) &= (((9 + (((8 \times 7! - 6!) \times 5) / 4)) \times 3!) - 2) - 1 \\
 297052 &:= (1 + (2 \times (((3! + 4!) \times (5 \times 6! + 7)) + 8!))) - 9 &= ((9 \times ((8! + 7) - 6^5)) + (4^{3!} - 2)) - 1 \\
 297053 &:= 1 - ((2 + 3!) - ((4 + 56) \times (7! - 89))) &= ((9 \times ((8! + 7) - 6^5)) + (4^{3!} - 2)) \times 1 \\
 297054 &:= (1 + 2)! \times (((3! + (4! \times 5)) \times (6! - 7)) - 8! - 9) &= ((9 \times ((8! + 7) - 6^5)) + (4^{3!} - 2)) + 1 \\
 297055 &:= (1 - ((2 \times 3!)^4)) + ((5 \times 6 - (7! - 8!)) \times 9) &= (9 \times (8! - 7!)) + (6 - ((5 \times (4^{3!} - 2)) + 1)) \\
 297056 &:= ((1 + 2)!)! + (((3!! \times (4! + 5)) + 6^7) - 8!/9) &= (((9 + (((8 \times 7! - 6!) \times 5) / 4)) \times 3!) + 2) \times 1 \\
 297057 &:= 1 - (2 \times (3! - (4 + ((5 \times 6) \times (7! - 89)))) &= (9 \times (8! - 7!)) + (6 - ((5 \times (4^{3!} - 2)) - 1)) \\
 297058 &:= ((1 \times 2 + (3!!/4 \times 5!)) + 6^7) - 8!/9 &= ((9 \times ((8! + 7) - 6^5)) + 4^{3!}) + (2 + 1) \\
 297059 &:= 1 \times 2 + (((3!! \times (4 + 5!)) / 6) + (7 \times (8! - 9))) &= (9 \times (8! - 7!)) - ((6! - (5! - (4!/3!)) / 2)) - 1 \\
 297060 &:= ((1 - (2^{3!+4})) \times (5!/6)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - ((6! - (5! - (4!/3!)) / 2)) \times 1 \\
 297061 &:= (((1 + 2)!)! \times (3! + 4!)) + ((5 + 6^7) - 8!/9) &= (9 \times (8! - 7!)) - ((6! - (5! - (4!/3!)) / 2)) + 1 \\
 297062 &:= ((1 - 2) + (3 \times (4! + (5! \times (6! - 7)))) + (8! - 9) &= (((9 + 8!) \times 7) + (6! \times (5 \times 4))) + (3!!/2 - 1) \\
 297063 &:= (((1 + 2) \times 3!! + 4!) \times 5!) + ((6^7/8) - 9) &= (9 \times ((8 \times 7 + 6!) \times 5)) + ((4^{3^2}) - 1) \\
 297064 &:= (1 + (((2 \times 3!^4) - 5!) \times 6)) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6! \times (5 \times 4))) + (3!!/2 + 1) \\
 297065 &:= (1 \times 2 + ((3 \times (4! + (5! \times (6! - 7)))) + 8!)) - 9 &= (9 \times ((8 \times 7 + 6!) \times 5)) + ((4^{3^2}) + 1) \\
 297066 &:= ((1 - (2 \times (3! + 4!))) \times (5 - 6! \times 7)) - (8 - 9) &= (9 \times 8!/7! - 6) \times ((5 \times ((4! + 3!)^2)) + 1) \\
 297067 &:= (((1 + 2)!! - 3!) \times 4!) - (5 + (6^7 \times (8 - 9))) &= (((9 + ((8! + (7 - 6!)) \times 5)) / 4) \times 3!) + 2) - 1 \\
 297068 &:= (((1 + 2)!! - 3!) \times 4!) - (5 - (6^7 - 8 + 9)) &= (((9 + ((8! + (7 - 6!)) \times 5)) / 4) \times 3!) + 2) \times 1 \\
 297069 &:= 1 \times ((2 \times (((3! + 4!) \times (5 \times 6! + 7)) + 8!)) + 9) &= (((9 + ((8! + (7 - 6!)) \times 5)) / 4) \times 3!) + 2) + 1 \\
 297070 &:= (1 + (2 \times (((3! + 4!) \times (5 \times 6! + 7)) + 8!))) + 9 &= (9 + ((8! + ((7 + (6! \times 5)) \times (4! + 3!))) \times 2)) + 1 \\
 297071 &:= (1 + 2)! - (((3 + 4)!) - 5) \times ((6 + 7) - 8 \times 9) &= (9 \times (8! - 7!)) + (((6! \times 5 - 4!^3) \times 2) - 1) \\
 297072 &:= (1 - ((2 - (3!! + 4!)) \times (5!/6))) + (7 \times 8! - 9) &= (9 \times (8! - 7!)) + ((6! \times 5 - 4!^3) \times 2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 297073 &:= (1 - 2 \times 3!) + ((4! \times 5! + (6 \times (7! + 8))) \times 9) &= (9 \times (8! - 7!)) + (((6! \times 5 - 4!^3) \times 2) + 1) \\
 297074 &:= 1 - (2 - ((3! + 45) \times (((6! + 7) \times 8) + 9))) &= (9 \times (((8! + 7!/6)/5) \times 4)) + (3!! + 2 \times 1) \\
 297075 &:= (1 + 2) \times (((3 \times 4) + 5) \times (((6! + 7) \times 8) + 9)) &= ((9 + (8 \times (7 + 6!)))/5) \times ((4^{3! - 2}) - 1) \\
 297076 &:= (1 + 2 \times 3!) \times (4 \times (((5! \times 6) - 7) \times 8) + 9)) &= ((9 - (8 \times (7 - (6 \times 5!)))) \times 4) \times (3! \times 2 + 1) \\
 297077 &:= (((1 + 2)!! - 3!) \times 4!) + (5 - (6^7 \times (8 - 9))) &= 9 \times 8 - (((7! - 6) \times (5 - 4^3)) + (2 - 1)) \\
 297078 &:= 1 \times (2 \times (((3! + 4!) \times (5 \times 6! + 7)) + 8! + 9)) &= (9 + 8! - (((((7 - 6!) \times 5!) - 4!) \times 3) + 2)) - 1 \\
 297079 &:= 1 + (2 \times (((3! + 4!) \times (5 \times 6! + 7)) + 8! + 9)) &= (9 + 8! - (((((7 - 6!) \times 5!) - 4!) \times 3) + 2)) \times 1 \\
 297080 &:= 1 - (2 - ((3 \times (4! + (5! \times (6! - 7)))) + 8! + 9)) &= (9 + 8! - (((((7 - 6!) \times 5!) - 4!) \times 3) + 2)) + 1 \\
 297081 &:= (((1 + 2) \times 3!! + 4!) \times 5!) + ((6^7/8) + 9) &= (9 + 8! - (((((7 - 6!) \times 5!) - 4!) \times 3)) \times (2 - 1)) \\
 297082 &:= (1 + (((2 \times 3!^4) - 5!) \times 6)) + (7 \times 8! + 9) &= (9 + 8! - (((((7 - 6!) \times 5!) - 4!) \times 3) - 2)) - 1 \\
 297083 &:= (1 \times 2 + ((3 \times (4! + (5! \times (6! - 7)))) + 8!)) + 9 &= (9 + 8! - (((((7 - 6!) \times 5!) - 4!) \times 3) - 2)) \times 1 \\
 297084 &:= ((1 + 2) + ((3 \times (4! + (5! \times (6! - 7)))) + 8!)) + 9 &= (9 + 8! - (((((7 - 6!) \times 5!) - 4!) \times 3) - 2)) + 1 \\
 297085 &:= (((1 + 2)! + (3!! \times 4! - 5!)) + 6^7) - 8) - 9 &= (9 \times (8! - (7! - 6))) - ((5 \times (4^{3!} + 2)) - 1) \\
 297086 &:= ((12 \times 3!^4) + (5 - 6!)) + (7 \times 8! + 9) &= (9 \times (8! - ((7! + 6) \times 5))) + (4 \times ((3! + 2)! - 1)) \\
 297087 &:= (((1 + (2 \times 3!^4)) - 5!) \times 6) + (7 \times 8! + 9) &= ((9 \times (8 + 7)) + 6) \times (((5! + 4^{3!})/2) - 1) \\
 297088 &:= (1 + ((2 \times 3!! + 4^5) \times 6)) + (7 \times (8! + 9)) &= (9 \times (8! - (7! - 6))) - ((5 \times 4^{3!}) + (2 + 1)!) \\
 297089 &:= 1 + (2^{3!} \times ((4! \times 5) + (6 \times 7 + 8!/9))) &= 9 - ((8 - (7! + (6!/5 \times 4!))) \times (3!^2 - 1)) \\
 297090 &:= (1 - ((2 - (3!! + 4!)) \times (5!/6))) + (7 \times 8! + 9) &= (9 \times (8! - ((7! + 6) \times 5))) + (4 \times (3! + 2 \times 1)!) \\
 297091 &:= (1 + ((2 + 3!)! \times 4) - ((5 \times (6 + 7!)) - 8!) \times 9) &= (9 \times (8 + 7!)) + ((6! + (5 - 4!)) \times (3!!/2 - 1)) \\
 297092 &:= (1 - ((2 - 3!!) \times 4!)) - (5 - (6^7 - 8 \times 9)) &= (9 \times (8! - (7! - 6))) - ((5 \times 4^{3!}) + 2 \times 1) \\
 297093 &:= (((1 + 2 \times 3!!) + 4^5) \times 6) + (7 \times (8! + 9)) &= (9 \times (8! - (7! - 6))) - ((5 \times 4^{3!}) + (2 - 1)) \\
 297094 &:= ((1 + (2 + 3!)!) \times 4) - ((5 \times (6 + 7!)) - 8!) \times 9) &= (9 \times (8! - ((7! + 6) \times 5))) + (4 \times ((3! + 2)! + 1)) \\
 297095 &:= (1 - ((2^{3 \times 4}) \times 5)) + ((6 - (7! - 8!)) \times 9) &= (9 \times (8! - (7! - 6))) - ((5 \times 4^{3!}) - (2 - 1)) \\
 297096 &:= (((1 + 2) + 3!!) \times 4!) - (5! - (6^7 - 8 \times 9)) &= ((9 \times 8) + (((((7! \times 6) + 5!)/4!) - 3!!)^2)) - 1 \\
 297097 &:= (((1 \times 2 + 3!! \times 4!) - 5!) + (6^7 + 8)) - 9 &= (((9 \times 8 \times (7! - 6!)) - 5!) - ((4!^3) - 2)) - 1 \\
 297098 &:= 1 \times (((2 + 3!! \times 4!) - 5!) - (6^7 \times (8 - 9))) &= (9 \times (8! - (7 \times (6! - 5)))) - (((4! \times 3!)^2) + 1) \\
 297099 &:= ((1 - (2^{3 \times 4})) \times 5) + ((6 - (7! - 8!)) \times 9) &= (((9 \times 8 \times (7! - 6!)) - 5!) - ((4!^3) - 2)) + 1 \\
 297100 &:= (1 - ((2 \times 3!)^4)) + (((5 - 6!) \times 7) + 8!) \times 9) &= (9 \times (8! - (7 \times (6! - 5)))) - (((4! \times 3!)^2) - 1) \\
 297101 &:= 1 - ((2 - (3 \times 4)) \times ((5 \times (6 + 7!)) + 8!/9)) &= 98 - (((7! - 6) \times (5 - 4^3)) + (2 + 1)) \\
 297102 &:= 1 \times (2 + ((3! + 4) \times ((5 \times (6 + 7!)) + 8!/9))) &= (9 \times 8 \times (7! - 6!)) - ((5! + (4!^3)) - (2 + 1)!) \\
 297103 &:= 1 + (2 + ((3! + 4) \times ((5 \times (6 + 7!)) + 8!/9))) &= (9 \times (8! - (7! - 6))) - ((5 \times (4^{3!} - 2)) + 1) \\
 297104 &:= (-1 \times (2^{3!})) - ((4! + 5 \times 6!) \times (7 - 89)) &= 9 - (8 - ((7 + (6! + (5! - 4!))) \times (3!!/2 + 1))) \\
 297105 &:= (1 + 2) \times (((3! \times 4! - 5) \times (6! - 7)) - 8 \times 9) &= (9 \times (8! - (7! - 6))) - ((5 \times (4^{3!} - 2)) - 1) \\
 297106 &:= (1 + 2)! + ((3! + 4) \times ((5 \times (6 + 7!)) + 8!/9)) &= (9 + 8! \times 7) - (((6 - (5^4)) \times (3! - 2)! - 1) \\
 297107 &:= (((12 + 3!! \times 4!) - 5!) + (6^7 + 8)) - 9 &= (98 - ((7! - 6) \times (5 - 4^3))) + (2 + 1) \\
 297108 &:= (1 - 2^{3!}) \times (4! + (5! + (((6! - 7!)/8) \times 9))) &= ((9 \times 8) + (7!/6 + 5)) \times ((4! - 3!)^2 \times 1) \\
 297109 &:= (1 - (2 \times (3^4 \times (5! + 6)))) - ((7! - 8!) \times 9) &= (9 \times (8! - (7! - 6))) - (5 \times (4^{3!} - 2 - 1)) \\
 297110 &:= 1 - (2 - (((3!! \times (4 + 5!))/6) + 7 \times 8! - 9)) &= ((9 + 8 - 7) + 6!) \times (5! + ((4! \times 3! \times 2) - 1))
 \end{aligned}$$

$$\begin{aligned}
 297111 &:= (1 + 2) + (((3! - 4!) \times (5! + 6)) - (7! - 8!)) \times 9 &= ((9 + 8!) \times 7) + (((6! + 5!) + 4^{3!}) \times (2 + 1)) \\
 297112 &:= ((1 + 2)! - 3!!) + (4! + (5^6 + (7 \times (8! - 9)))) &= 9 - ((8 - (7!/6 - (5 + 4))) \times (3!!/2 + 1)) \\
 297113 &:= 1 \times 2 + (((3!! \times (4 + 5!))/6) + 7 \times 8! - 9) &= ((9 + 8) \times (76 + (5! + 4! \times 3!))) + 21 \\
 297114 &:= (1 \times 2 - 3!!) - (4! - (5^6 + 7 \times 8! - 9)) &= (((9 + (8! + (7 - 6!))) \times 5)/4) \times 3! - (2 + 1)! \\
 297115 &:= (((1 \times 2 + 3!! \times 4!) - 5!) + (6^7 + 8)) + 9 &= (9 \times 8 \times (7! - 6!)) - (((5! + (4 - 3!))^2) + 1) \\
 297116 &:= 1 - (2 + ((3^{4+5}) + (6! + ((7! - 8!) \times 9)))) &= 9 + (((8! + ((7! - (6 - 5!)) \times (4! - 3))) \times 2) - 1) \\
 297117 &:= (1 + 2)! + (((3!! \times (4 + 5!))/6) + 7 \times 8! - 9) &= (((9 + (8! + (7 - 6!))) \times 5)/4) \times 3! - 2 - 1 \\
 297118 &:= ((1 + 2)! - 3!!) - (4! - (5^6 + 7 \times 8! - 9)) &= 9 + (((8! + ((7! - (6 - 5!)) \times (4! - 3))) \times 2) + 1) \\
 297119 &:= (((1 + 2)! + (3!! \times 4! - 5!)) + (6^7 + 8)) + 9 &= (((9 + (8! + (7 - 6!))) \times 5)/4) \times 3! - 2 + 1 \\
 297120 &:= (1 + (2^{3!} \times (4! + 5))) \times (6! - (7! - 8!/9)) &= 9 + (8 + ((7 + (6! + (5! - 4!))) \times (3!!/2 + 1))) \\
 297121 &:= (1 - ((2 - 3!!) \times 4!)) - (5! - (6^7 + 8 \times 9)) &= (((9 + (8! + (7 - 6!))) \times 5)/4) \times 3! + 2 - 1 \\
 297122 &:= 1 + 2 \times 3!! + (((4! \times (5 + 6!)) - 7) \times (8 + 9)) &= (((9 + (8! + (7 - 6!))) \times 5)/4) \times 3! + 2 \times 1 \\
 297123 &:= 1 \times (((2 + 3)! \times (4 + 5!)) - (6 - (7 \times 8! + 9))) &= (((9 + (8! + (7 - 6!))) \times 5)/4) \times 3! + 2 + 1 \\
 297124 &:= (1 - (2 \times (3! + 4!))) \times (5 - (6! \times 7 - 8 + 9)) &= ((9 + 8! \times 7) - 6) + ((5! \times (4 + ((3 + 2)!)) + 1) \\
 297125 &:= (((12 + 3!! \times 4!) - 5!) + (6^7 + 8)) + 9 &= (98 - ((7! - 6) \times (5 - 4^3))) + 21 \\
 297126 &:= (1 + 2)! \times ((3! + ((4 \times (5 + 6!)) + 7)) \times (8 + 9)) &= (9 + 8! \times 7) - (6 - (((5! - 4 + 3!)^2) - 1)) \\
 297127 &:= ((1 \times 2 + 3!!) \times 4!) - (5! - (6^7 - (8 + 9))) &= (((9 + 8! \times 7) - 6) + ((5! - 4 + 3!)^2)) \times 1 \\
 297128 &:= 1 - (2 - (((3!! \times (4 + 5!))/6) + (7 \times 8! + 9))) &= (((9 + 8! \times 7) - 6) + ((5! - 4 + 3!)^2)) + 1 \\
 297129 &:= (1 + 2) \times ((3^4 \times (5 + 6!)) + (7 + 8! - 9)) &= ((9 + (8! \times 7 + 6!)) + ((5! - (4 - 3!))^2)) - 1 \\
 297130 &:= (1 - ((2 + 3)! \times ((4 \times (5 + 6!)) - 7!))) + (8! + 9) &= (9 + (8! \times 7 + (((6! \times (5! + 4))/3!) + 2))) - 1 \\
 297131 &:= 1 \times (2 + (((3!! \times (4 + 5!))/6) + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (((6! \times (5! + 4))/3!) + 2))) \times 1 \\
 297132 &:= 1 + (2 + (((3!! \times (4 + 5!))/6) + (7 \times 8! + 9))) &= (9 + (8! \times 7 + (((6! \times (5! + 4))/3!) + 2))) + 1 \\
 297133 &:= ((1 + 2) - 3!!) - (4! - (5^6 + (7 \times 8! + 9))) &= ((9 + (8! \times 7!/6!)) + ((5! - 4 + 3!)^2)) \times 1 \\
 297134 &:= ((1 \times 2 - (3!! + 4)) + (5^6 + 7 \times 8!)) - 9 &= ((9 + (8! \times 7!/6!)) + ((5! - 4 + 3!)^2)) + 1 \\
 297135 &:= ((1 + 2) - 3!!) - (4 - (5^6 + 7 \times 8! - 9)) &= (9 + (8! \times 7 + ((6! \times (5! + 4))/3!))) + (2 + 1)! \\
 297136 &:= (1 + (((2 \times 3!^4) - 5!) \times 6)) + (7 \times (8! + 9)) &= (9 + 8! \times 7 + 6) + ((5! \times (4 + ((3 + 2)!)) + 1) \\
 297137 &:= (1 - (2 \times (3! - ((4! + 5) \times (6 + 7!)))) + 8!/9 &= 9 \times 8 + ((7 \times 6! - 5) \times (((4! + 3!) \times 2) - 1)) \\
 297138 &:= ((1 + 2)! - 3!!) - (4 - (5^6 + 7 \times 8! - 9)) &= ((9 + 8! \times 7 + 6) + ((5! - 4 + 3!)^2)) - 1 \\
 297139 &:= (((1 + 2)!! - 3!) \times 4!) - (5 - (6^7 + 8 \times 9)) &= ((9 + 8! \times 7 + 6) + ((5! - 4 + 3!)^2)) \times 1 \\
 297140 &:= ((12 \times 3!^4) + (5 - 6!)) + (7 \times (8! + 9)) &= (9 + 8! \times 7) + (6 + (((5! - 4 + 3!)^2) + 1)) \\
 297141 &:= (((1 + (2 \times 3!^4) - 5!) \times 6) + (7 \times (8! + 9))) &= (9 - (8 \times (((7 - 6) - 5!) \times 4!))) \times (3! \times 2 + 1) \\
 297142 &:= (1 \times 2 - 3!!) + (4 + (5^6 + 7 \times 8! - 9)) &= ((9 + 8) \times (7 + (6 \times (5! \times 4! + 32)))) - 1 \\
 297143 &:= (1 - (2 \times (3 - ((4! + 5) \times (6 + 7!)))) + 8!/9 &= ((9 + 8) \times 7) \times (((6! - (5! - 4!)) \times (3! - 2)) + 1) \\
 297144 &:= (1 - ((2 - (3!! + 4!)) \times (5!/6))) + (7 \times (8! + 9)) &= (9 \times (8! - 7!)) - ((6! + 5!) \times 4!) - (3!^{2+1}) \\
 297145 &:= 1 \times (((((2 + 3!!) \times 4!) - 5!) + 6^7) - 8 + 9) &= ((9 - (8 \times 7)) - (6! + 5!)) \times (4! - (3!!/2 - 1)) \\
 297146 &:= 1 \times 2 + (((3! \times (4! \times 5!)) + 6^7) - 8 \times 9) &= (-9 \times 8 + 7!/6 \times (5! - \sqrt{4})) \times 3 + 2 \times 1 \\
 297147 &:= ((1 + 2) \times ((3^4 \times (5 + 6!)) + 7 + 8!)) - 9 &= (9 \times ((8! - 7) + ((6 - 5!) \times (4^3)))) - (2 + 1)! \\
 297148 &:= 1 - ((2 - (3!! \times 4! + 5)) - (6^7 - 8 \times 9)) &= (((9 + 8! \times 7) - 6!) + ((5!/4!)^{3!})) - (2 + 1)!
 \end{aligned}$$

$$\begin{aligned}
 297149 &:= 1 - (((2 - (3 \times (4 \times 5))) \times (6 + 7!)) - 8!/9) &= (9 + 8! \times 7) + ((6! - (5! + 4)) \times ((3! - 2)! + 1)) \\
 297150 &:= ((1 - 2 \times 3!! + 4!) \times (5 \times 6 \times 7)) \times (8 - 9) &= ((9 \times ((8! - 7) + ((6 - 5!) \times (4^3)))) - 2) - 1 \\
 297151 &:= ((1 \times 2 + 3!! + 4!) \times (5!/6)) + (7 \times 8! - 9) &= ((9 \times ((8! - 7) + ((6 - 5!) \times (4^3)))) - 2) \times 1 \\
 297152 &:= 1 \times ((2 - (3!! + 4)) + (5^6 + (7 \times 8! + 9))) &= ((9 \times ((8! - 7) + ((6 - 5!) \times (4^3)))) - 2) + 1 \\
 297153 &:= 1 + ((2 - (3!! + 4)) + (5^6 + (7 \times 8! + 9))) &= (((9 + 8! \times 7) - 6!) + ((5!/4!)^{3!}) - 2) + 1 \\
 297154 &:= 1 \times ((2 \times (3 + ((4! + 5) \times (6 + 7!)))) + 8!/9) &= ((9 \times ((8! - 7) + ((6 - 5!) \times (4^3)))) + 2) - 1 \\
 297155 &:= (1 + (2 \times (3 + ((4! + 5) \times (6 + 7!)))) + 8!/9) &= ((9 \times ((8! - 7) + ((6 - 5!) \times (4^3)))) + 2) \times 1 \\
 297156 &:= ((1 + 2)! - 3!!) - (4 - (5^6 + (7 \times 8! + 9))) &= ((9 \times ((8! - 7) + ((6 - 5!) \times (4^3)))) + 2) + 1 \\
 297157 &:= (((1 - 2 \times 3!!) \times (4! + 5)) - 6!) \times 7 \times (8 - 9) &= (((9 + 8! \times 7) - 6!) + ((5!/4!)^{3!} + 2)) + 1 \\
 297158 &:= ((-1 \times 2) - ((3!! \times 4) + 5!)) + (67 \times (8!/9)) &= 9 - (8 - (7 \times (6! + ((5 + 4!) \times (3!! \times 2 - 1)))) \\
 297159 &:= -12 - ((3 - (4! \times (5!/6))) \times (7 \times 89)) &= (((9 + 8!) \times 7) - ((6 - (5^4)) \times (3! - 2)!)) \times 1 \\
 297160 &:= (1 \times 2 - 3!!) + (4 + (5^6 + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - ((6 - (5^4)) \times (3! - 2)!)) + 1 \\
 297161 &:= (1 + (2 \times (3! + ((4! + 5) \times (6 + 7!)))) + 8!/9) &= 9 + ((8 + 7! - 6!) + ((5! + (4!^3)) \times 21)) \\
 297162 &:= (1 \times 2 - 3!!) + (4! + (5^6 + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + ((6! \times (5! + 4))/3!)) - 21 \\
 297163 &:= (1 - ((2 - 3!!) \times 4!)) - (5 - (6^7 + (8 - 9))) &= 9 - (((8 - (7! + (6! \times 5!)))/4) \times (3! \times 2 + 1)) \\
 297164 &:= (1 - ((2 - 3!!) \times 4!)) - (5 + (6^7 \times (8 - 9))) &= ((9 \times (8! - ((76 \times (5! - 4!)) + 3!))) + 2) \times 1 \\
 297165 &:= (1 - ((2 - 3!!) \times 4!)) - (5 - (6^7 - 8 + 9)) &= (9 \times (8! - (7! + (6! + 5)))) - (4!^3 + (2 + 1)!) \\
 297166 &:= (((1 + 2)! - (3!! - 4!)) + (5^6 + 7 \times 8!)) - 9 &= (-9 + (8 \times ((7! \times 6 - 5) + ((4!^3)/2)))) - 1 \\
 297167 &:= (((1 + 2) + 3!!) \times 4!) - (5! - (6^7 + (8 - 9))) &= 9 + 8! + (((7 + (6^5)) \times (4! + 3^2)) - 1) \\
 297168 &:= (((1 + 2)!^3 - 4) \times 5!) + (6 \times ((7! - 8) \times 9)) &= ((9 \times (8! - (7! + (6! + 5)))) - (4!^3 + 2)) - 1 \\
 297169 &:= ((1 \times 2 + 3!! + 4!) \times (5!/6)) + (7 \times 8! + 9) &= 9 + (8! + (((7 + (6^5)) \times (4! + 3^2)) + 1)) \\
 297170 &:= 1 \times 2 + ((3!! \times 4! - 5!) + (6^7 + 8 \times 9)) &= ((9 \times (8! - (7! + (6! + 5)))) - (4!^3 + 2)) + 1 \\
 297171 &:= (((1 + 2)!! + (3 + 4!)) \times (5!/6)) + (7 \times 8! - 9) &= (9 \times (8! - (7! + (6! + 5)))) - (4!^{3! - 2 - 1}) \\
 297172 &:= (1 - 2 \times 3!!) + (((4 \times 5!) - 6) \times (7!/8)) - 9) &= ((9 \times (8! - (7! + (6! + 5)))) - ((4!^3) - 2)) - 1 \\
 297173 &:= (1 - ((2 - 3!!) \times 4!)) + (5 + (6^7 + (8 - 9))) &= ((9 \times (8! - (7! + (6! + 5)))) - ((4!^3) - 2)) \times 1 \\
 297174 &:= (1 - ((2 - 3!!) \times 4!)) + (5 - (6^7 \times (8 - 9))) &= ((9 \times (8! - (7! + (6! + 5)))) - ((4!^3) - 2)) + 1 \\
 297175 &:= (1 - ((2 - 3!!) \times 4!)) + ((5 + 6^7) - 8 + 9) &= 9 \times 8 + ((7 + (6! + (5! - 4!))) \times (3!!/2 + 1)) \\
 297176 &:= (((1 + 2)!)! \times (3! + 4!)) + ((5! + 6^7) - 8!/9) &= (((9 + 8!) \times 7) - 6) + ((5! \times (4 + ((3 + 2)!))) - 1) \\
 297177 &:= 1 - (((2 + 3!!) - 4!) - (5^6 + (7 \times 8! + 9))) &= ((9 \times ((8! + (7! + (6! \times 5!)))/4)) + 3!!) - (2 + 1) \\
 297178 &:= (1 - (((2 + 3!)^4 - 5^6)) + (7 \times (8! - 9))) &= ((9 \times ((8! + (7! + (6! \times 5!)))/4)) + 3!!) - 2 \times 1 \\
 297179 &:= (-1 + (2 + 3)!) + ((4 + 56) \times (7! - 89)) &= (9 \times ((8! + (7! + (6! \times 5!)))/4)) + (3!! - (2 - 1)) \\
 297180 &:= ((1 + 2 \times 3!) \times 4) \times ((5 + (6! \times 7/8)) \times 9) &= ((9 + 8!) \times 7) - (6 - (((5! - 4 + 3!)^2) - 1)) \\
 297181 &:= (((1 + 2) - (3!! - 4!)) + (5^6 + 7 \times 8!)) + 9 &= ((9 \times ((8! + (7! + (6! \times 5!)))/4)) + 3!! + 2) - 1 \\
 297182 &:= 1 - (2 - (((3!! \times (4 + 5!))/6) + (7 \times (8! + 9)))) &= 9 + ((8 + (7!/(6!/5))) \times (((4!^3)/2) - 1)) \\
 297183 &:= 1 - ((2 + 3!! + 4!) - (5^6 + (7 \times (8! + 9)))) &= ((9 \times ((8! + (7! + (6! \times 5!)))/4)) + 3!! + 2) + 1 \\
 297184 &:= (1 + (((2 + 3)!) - (4! + 5 \times 6!)) \times 7 + 8!) - 9 &= 9 + ((8 \times ((7! \times 6 - 5) + ((4!^3)/2))) - 1) \\
 297185 &:= 1 \times 2 + (((3!! \times (4 + 5!))/6) + (7 \times (8! + 9))) &= ((9 \times (8! - (7! + 6))) - (5! + ((4!/3)!/2))) - 1 \\
 297186 &:= 1 \times ((2 - (3!! + 4!)) + (5^6 + (7 \times (8! + 9)))) &= ((9 \times (8! - (7! + 6))) - (5! + ((4!/3)!/2))) \times 1
 \end{aligned}$$

$$\begin{aligned}
 297187 &:= 1 + ((2 - (3!! + 4!)) + (5^6 + (7 \times (8! + 9)))) &= ((9 \times (8! - (7! + 6))) - (5! + ((4!/3!)/2))) + 1 \\
 297188 &:= (1 + ((2 + 3!!) \times 4!)) - (5 - (6^7 - 8 \times 9)) &= (((9 + 8!) \times 7) + 6) + ((5! \times (4 + ((3 + 2)!)) - 1) \\
 297189 &:= (1 + 2)!! - ((3^4 \times (5! - ((6 \times 7!)/8))) - 9) &= (9 \times ((8! + (7! + (6! \times 5!)))/4)) + (3^{(2+1)!}) \\
 297190 &:= (1 - 2 \times 3!!) + (((4 \times 5!) - 6) \times (7!/8)) + 9 &= (((9 + 8!) \times 7) + 6) + ((5! \times (4 + ((3 + 2)!)) + 1) \\
 297191 &:= 1 \times 2 - (3^4 \times (5! - (((6 \times 7!)/8) + 9))) &= (9 \times (8! - (76 \times (5! - 4!)))) - ((3! - 2)! + 1) \\
 297192 &:= (1 + 2) - (3^4 \times (5! - (((6 \times 7!)/8) + 9))) &= (((9 + 8!) \times 7) + 6) + ((5! - 4 + 3!)^2) - 1 \\
 297193 &:= (((1 + 2)!! - 3!) \times 4!) + ((5! + 6^7) - 8 + 9) &= 9 + ((8 \times (((7 \times 6!)/5) - 4)) \times (3!^2 + 1)) \\
 297194 &:= (1 \times 2 + ((3 - 4!) \times (5 - 6!))) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) + (6 + (((5! - 4 + 3!)^2) + 1)) \\
 297195 &:= (1 + 2)! - (3^4 \times (5! - (((6 \times 7!)/8) + 9))) &= (9 \times (8! - ((76 \times (5! - 4!)) + 3))) + (2 + 1)! \\
 297196 &:= 1 \times (((2 + 3!! \times 4!) - 5) + 6^7) - (8 + 9) &= -9 - (8 + (7 \times ((6! \times (5 - 4^3)) + 21))) \\
 297197 &:= 1 - (2 + ((3! - (4 \times 5!)) \times ((6 + 7!/8) - 9))) &= 9 + (8 + (((7! + (6! \times 5!))/4) \times (3! \times 2 + 1))) \\
 297198 &:= (1 - 2 \times 3!) \times (4! - (5! + (6 \times (7 + 8!/9)))) &= (((9 \times 8) + 7) \times (6 - 5!)) \times (4 - (3!^2 + 1)) \\
 297199 &:= 1 + ((2 + ((3!! \times 4) + 5!)) \times ((6 \times (7 + 8)) + 9)) &= (9 \times (8! - (7! - 6))) - (5 \times (4^{3!} - 21)) \\
 297200 &:= 1 \times 2 - ((3! - (4 \times 5!)) \times ((6 + 7!/8) - 9)) &= (9 + 8! - (7 \times (6! \times 5 + (4! - (3! + 2)!)))) - 1 \\
 297201 &:= (((1 \times 2 + 3!)! - (4! + 5 \times 6!)) \times 7) + (8! + 9) &= (9 + 8! - (7 \times (6! \times 5 + (4! - (3! + 2)!)))) \times 1 \\
 297202 &:= (1 + (((2 + 3!)! - (4! + 5 \times 6!)) \times 7) + 8!) + 9 &= (9 + 8! - (7 \times (6! \times 5 + (4! - (3! + 2)!)))) + 1 \\
 297203 &:= (((1 + 2)! \times (3!! \times 4 - 5)) + (6^7 + 8)) + 9 &= ((9 + 8!) \times 7) + ((6! - (5! + 4)) \times ((3! - 2)! + 1)) \\
 297204 &:= (1 + 2)! - ((3! - (4 \times 5!)) \times ((6 + 7!/8) - 9)) &= ((9 \times (8! - (76 \times (5! - 4!)))) - (3! \times 2)) \times 1 \\
 297205 &:= (((1 + 2)! - (3!! \times 4! - 5)) - 6^7) \times (8 - 9) &= (((((9 + 8!) \times 7) - 6!) + ((5!/4!)^{3!})) - 2) - 1 \\
 297206 &:= (1 \times 2 - 3!!) - (4 - (5^6 + (7 \times (8! + 9)))) &= (((((9 + 8!) \times 7) - 6!) + ((5!/4!)^{3!})) - 2) \times 1 \\
 297207 &:= ((1 + 2) - 3!!) - (4 - (5^6 + (7 \times (8! + 9)))) &= (((((9 + 8!) \times 7) - 6!) + ((5!/4!)^{3!})) - 2) + 1 \\
 297208 &:= (((1 + (2 + 3!)!) - (4! + 5 \times 6!)) \times 7) + 8! + 9 &= 9 + 8! - (7 \times (6! \times 5 + (4! - ((3! + 2)! + 1)))) \\
 297209 &:= 1 \times (((2 - (3!! \times 4! - 5)) - 6^7) \times (8 - 9)) &= (9 \times 8 \times (7! - 6!)) - (5 + (4!^3 + 2 \times 1)) \\
 297210 &:= 1 - ((2 - (3!! \times 4! - 5)) + (6^7 \times (8 - 9))) &= (9 - (((8 - 7!) \times 6) + (5! \times 4))) \times (3^2 + 1) \\
 297211 &:= 1 - ((2 - (3!! \times 4! - 5)) - (6^7 - 8 + 9)) &= ((9 + 8!) \times 7) - (6! - (((5!/4!)^{3!}) + (2 + 1))) \\
 297212 &:= 1 \times 2 + ((3!! \times 4! - 5) + (6^7 + (8 - 9))) &= (9 \times 8 \times (7! - 6!)) - ((5 + (4!^3)) - (2 - 1)) \\
 297213 &:= 1 \times (((2 + 3!! \times 4!) - 5) - (6^7 \times (8 - 9))) &= (((9 \times 8 \times (7! - 6!)) - 5) - 4!^3) + (2 \times 1) \\
 297214 &:= (1 \times 2 - 3!!) + (4 + (5^6 + (7 \times (8! + 9)))) &= (((9 + 8) \times (7 + 6!)) - 5) \times 4! + (3!! - (2 \times 1)) \\
 297215 &:= 1 + (((2 - (3! \times (4! \times 5!))) - 6^7) \times (8 - 9)) &= (9 \times (8! - 7!) - 6!/5) - (((4!/3!)/2) + 1) \\
 297216 &:= (1 \times 2 + 3!)! + ((4! + (5 \times ((6! - 7) \times 8))) \times 9) &= (9 \times (8! - 7!) - 6!/5) - (4 \times ((3! + (2 - 1)))!) \\
 297217 &:= (1 + (2 + 3!)!) + ((4! + (5 \times ((6! - 7) \times 8))) \times 9) &= (9 \times (8! - 7!) - 6!/5) - (((4!/3!)/2) - 1) \\
 297218 &:= ((1 + 2)! - 3!!) + (4 + (5^6 + (7 \times (8! + 9)))) &= (9 \times 8 \times (7! - (6 \times 5!))) - ((4!^3) - (2 \times 1)) \\
 297219 &:= 1 - (((2 + (3! \times (4! \times 5!))) + 6^7) \times (8 - 9)) &= (9 \times (8! - 7!)) - (((6! + 5) \times (4 + (3! - 2)!)) + 1) \\
 297220 &:= 1 - ((2 - (3!! \times 4! + 5)) + (6^7 \times (8 - 9))) &= (9 \times 8 \times (7! - 6!)) + (5 - (4!^3 + (2 - 1))) \\
 297221 &:= (1 + ((2 - (3! + 4!)) \times (5 + 6!))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - (((6! + 5) \times (4 + (3! - 2)!)) - 1) \\
 297222 &:= (1 \times 2 + 3!! \times 4!) + (5 + (6^7 + (8 - 9))) &= ((9 \times 8) - 7!) + (((6! + 5!)/4) \times (3!! \times 2 - 1)) \\
 297223 &:= ((1 \times 2 + 3!! + 4!) \times (5!/6)) + (7 \times (8! + 9)) &= (9 \times 8 \times (7! - 6!)) + (5 - ((4!^3) - (2 \times 1))) \\
 297224 &:= 1 + ((2 + (3!! \times 4! + 5)) - (6^7 \times (8 - 9))) &= (9 + 8! \times 7) + (((6! - (5! - 4!)) \times (3! - 2)! - 1)
 \end{aligned}$$

$$\begin{aligned}
 297225 &:= 1 + (((2 + (3!! \times 4! + 5)) + 6^7) - 8 + 9) &= (((((9 \times 8) + 7) + 6!) \times ((5! + 4) \times 3)) - 2) - 1 \\
 297226 &:= (1 + ((2 + 3^4) \times (5 \times (6! + 7)))) - 8! / 9 &= 9 - ((8 \times ((7! - ((6 - 5!) \times (4! - 3!))) / 2)) - 1) \\
 297227 &:= ((1 + 2)! + 3!! \times 4!) + (5 - (6^7 \times (8 - 9))) &= (((((9 \times 8) + 7) + 6!) \times ((5! + 4) \times 3)) - 2) + 1 \\
 297228 &:= ((1 \times 2 - (3!! / 4)) \times (5! - 6)) - ((7! - 8!) \times 9) &= ((9 \times (8 + 7)) + 6) \times ((5! + 4^{3!}) / 2 \times 1) \\
 297229 &:= (1 + ((2 - (3!! / 4)) \times (5! - 6))) - ((7! - 8!) \times 9) &= 9 \times 8 + (7 \times (6! + ((5 + 4!) \times (3!! \times 2 - 1)))) \\
 297230 &:= 1 \times (((2 + 3!! \times 4!) - 5) + (6^7 + 8 + 9)) &= (((((9 \times 8) + 7) + 6!) \times ((5! + 4) \times 3)) + 2) \times 1 \\
 297231 &:= 1 \times (((((2 - 3) - 4!) \times (5! - 6!)) + 7 \times 8! - 9) &= (((((9 \times 8) + 7) + 6!) \times ((5! + 4) \times 3)) + 2) + 1 \\
 297232 &:= 1 + (((((2 - 3) - 4!) \times (5! - 6!)) + 7 \times 8! - 9) &= (((9 + (87 \times 6!)) - 5) \times 4) + (3!^{(2+1)!}) \\
 297233 &:= (((1 + 2)! \times (3 + 4! \times 5!)) + 6^7) + (8 - 9) &= (9 \times (8! - 7!) - (6 + 5!)) - (((4! / 3)! / 2) + 1) \\
 297234 &:= ((1 - (2 \times 3^4)) \times (5! + 6)) - ((7! - 8!) \times 9) &= (9 + (8 \times ((7! - (6^5 / 4)) \times 3!))) \times 2 \times 1 \\
 297235 &:= (((((1 + 2)! + 3!!) \times (4 + 5!)) / 6) + 7 \times 8!) - 9 &= (9 \times (8! - 7!) - (6 + 5!)) - (((4! / 3)! / 2) - 1) \\
 297236 &:= (1 - ((2 - 3!!) \times 4!)) - (5 - (6^7 + 8 \times 9)) &= (9 \times 8 \times (7! - 6!)) - ((5! - 4) \times (((3 + 2)! - 1)) \\
 297237 &:= (1 + 2) \times (3 + ((4 + 5!) \times (6! + (7 + 8 \times 9)))) &= (9 \times (8! - 7!) - 6!) + (5! - ((4! + 3)^{2+1})) \\
 297238 &:= ((1 + 2)! - 3!!) + (4! + (5^6 + (7 \times (8! + 9)))) &= (((-98 + 7!) \times (6 + 54)) + (3!! - 2)) \times 1 \\
 297239 &:= 1 - (2 + (3 \times ((4! \times (5 + 6! - 7!)) + 8! / 9))) &= ((9 \times (8! - (7 \times 6!))) - 5!) - (((4! / 3)! / 2) + 1) \\
 297240 &:= (((1 + 2)^{3!}) \times 4!) - (5! - (6^7 - 8 \times 9)) &= ((9 \times (8! - (7 \times 6!))) - 5!) - (4 \times ((3! + (2 - 1)))!) \\
 297241 &:= (((1 + 2)! + 3!!) \times 4!) - (5! - (6^7 - 8 + 9)) &= ((9 \times (8! - (7 \times 6!))) - 5!) - (((4! / 3)! / 2) - 1) \\
 297242 &:= (((((1 \times 2 + 3!!) \times 4!) - 5) + 6^7) - 8) - 9 &= (9 + 8! \times 7) - (6 - (((5^4) \times (3! - 2)! - 1)) \\
 297243 &:= (1 + 2) - (3 \times ((4! \times (5 + 6! - 7!)) + 8! / 9)) &= (((9 + 8) \times (7 + 6)) \times ((5^4) + 3!)) - 2 \times 1 \\
 297244 &:= (((1 + 2)! + (3!! \times 4! + 5)) + (6^7 + 8)) + 9 &= 9 + (((8! \times 7) - 6) + (((5^4) \times (3! - 2)! + 1)) \\
 297245 &:= 1 - (2 - (((3 - 4!) \times (5 - 6!)) + 7 \times 8! - 9)) &= (9 \times (8! - (7! + 6))) - (((5! + (4! / 3)! / 2) + 1) \\
 297246 &:= (1 - ((2 - 3!!) \times 4!)) + (5 + (6^7 + 8 \times 9)) &= (9 \times (8! - (7! + 6))) - ((5! + (4! / 3)! / 2) \times 1) \\
 297247 &:= (((1 + 2)! \times ((3!! \times 4) + 5)) + 6^7) - (8 - 9) &= (9 \times (8! - (7! + 6))) - (((5! + (4! / 3)! / 2) - 1) \\
 297248 &:= 1 \times (2 + (((3 - 4!) \times (5 - 6!)) + 7 \times 8! - 9)) &= (9 + (8! \times 7 + ((6! - 5!) \times (4! + (3 - 2)))) - 1 \\
 297249 &:= 1 + (2 + (((3 - 4!) \times (5 - 6!)) + 7 \times 8! - 9)) &= (9 + (8! / 7)) - ((6! + 5!) \times (((4! - 3!!) / 2) + 1)) \\
 297250 &:= (1 - (((2 + 3)^4) - 5^6)) + (7 \times 8! + 9) &= (9 + (8! \times 7 + ((6! - 5!) \times (4! + (3 - 2)))) + 1 \\
 297251 &:= 1 \times (((2 \times (3 + 4!)) + 5) \times ((6 + 7!) - 8) + 9) &= ((9 + 8! \times 7) + ((6 + 5)^4)) + (3!! / 2 + 1) \\
 297252 &:= 1 + (((2 \times (3 + 4!)) + 5) \times ((6 + 7!) - 8) + 9) &= (9 + (((8 - (7! + 6)) \times (5 - 4^3)) + 2)) - 1 \\
 297253 &:= (((1 + (((2 + 3!!) \times 4!) + 5)) + 6^7) - 8) - 9 &= (9 + (((8 - (7! + 6)) \times (5 - 4^3)) + 2)) \times 1 \\
 297254 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times (6! + 7)) - 89 &= (9 + (((8 - (7! + 6)) \times (5 - 4^3)) + 2)) + 1 \\
 297255 &:= (1 - ((2 + 3)! - 4!)) \times ((5 \times (6 - 7! / 8)) - 9) &= ((9 + 8! \times 7 + 6) + ((5^4) \times (3! - 2)!)) \times 1 \\
 297256 &:= (12^3) - ((4 + 5 \times 6!) \times (7 - 89)) &= (9 + 8! \times 7) + (6 + (((5^4) \times (3! - 2)! + 1)) \\
 297257 &:= (((((1 + 2)! + 3!!) \times 4!) - 5!) + (6^7 + 8)) + 9 &= (9 + 8 - (7 \times 6!)) + (5! \times (((4 + 3)! / 2) - 1)) \\
 297258 &:= (1 - (((2 - 3!!) \times (4 \times 5)) - 6!)) + (7 \times (8! - 9)) &= ((9 \times (8 + (7 \times (6 + 5!)))) + 4!) \times (3!^2 + 1) \\
 297259 &:= (((1 + ((2 + 3!!) \times 4!)) - 5) + (6^7 + 8)) - 9 &= (9 \times (8! - (7! + (6! - 5)))) - (4!^3 + 2 \times 1) \\
 297260 &:= (((((1 \times 2 + 3!!) \times 4!) - 5) + 6^7) - 8) + 9 &= 9 - (8 + (((7! / 6 - 5) \times (4 - 3!! / 2)) + 1)) \\
 297261 &:= (1 + ((2 + 3!!) \times 4!)) - (5 - (6^7 - 8 + 9)) &= 9 - (8 + ((7! / 6 - 5) \times (4 - (3!! / 2 \times 1)))) \\
 297262 &:= ((1 - (2 - 3!!) \times 4) \times 5) + (6! + (7 \times (8! - 9))) &= ((9 \times (8! - (7! + (6! - 5)))) - ((4!^3) - 2)) - 1
 \end{aligned}$$

$$\begin{aligned}
 297263 &:= ((1 - 2) + ((3 - 4!) \times (5 - 6!))) + (7 \times 8! + 9) &= ((9 \times (8! - (7! + (6! - 5)))) - ((4!^3) - 2)) \times 1 \\
 297264 &:= (((1 + 2)!)! \times (3^4 \times 5) - 6) + ((7!/8) \times 9) &= (9 + (8 \times (((7! \times 6) + 5) + ((4!^3)/2)))) - 1 \\
 297265 &:= (1 + 2)!! - (3 - (4 \times ((5! + 6! - 7) \times 89))) &= (9 + (8 \times (((7! \times 6) + 5) + ((4!^3)/2)))) \times 1 \\
 297266 &:= (1 \times 2 + (((3 - 4!) \times (5 - 6!)) + 7 \times 8!)) + 9 &= (9 + (8 \times (((7! \times 6) + 5) + ((4!^3)/2)))) + 1 \\
 297267 &:= ((1 + 2) + (((3 - 4!) \times (5 - 6!)) + 7 \times 8!)) + 9 &= (9 + (8! \times 7 + (((6! - 5) \times (4! - 3)) + 2))) + 1 \\
 297268 &:= (((1 \times 2 + 3!!) \times 4!) + 5) + (6^7 + 8) - 9 &= 9 + ((8 + (7!/(6!/5))) \times (((4!^3)/2) + 1)) \\
 297269 &:= ((1 + (((2 + 3!!) \times 4!) + 5)) + (6^7 + 8)) - 9 &= (-98 + 7) + (6! \times ((54 + 3!!/2) - 1)) \\
 297270 &:= (1 + ((2 + 3!!) \times 4!)) + (5 - (6^7 \times (8 - 9))) &= (9 \times ((8 + 7) \times 6)) \times (5 + ((4 + 3!!)/2 \times 1)) \\
 297271 &:= (((1 + (((2 + 3!!) \times 4!) + 5)) + 6^7) - 8) + 9 &= (9 - ((8 - (7! + (6! \times 5!)))/4)) \times (3! \times 2 + 1) \\
 297272 &:= (1 \times 2 + (3^4 \times (5 \times 6!))) + ((7!/8) \times 9) &= ((9 + ((87 \times 6!) + 5)) \times 4) + (3!^{(2+1)!}) \\
 297273 &:= (1 - (2 \times (3! \times (4! + 5 \times (6 - 7!)))) - 8!/9 &= 9 - (8 \times (7! - (6 \times (5! + (((4!^3)/2) + 1)))) \\
 297274 &:= (((1 - 23) \times 4!) + 5^6) + (7 \times (8! - 9)) &= ((9 + 8! \times 7) - 6!) + ((5^4) + (3!! \times 21)) \\
 297275 &:= 1 \times 2 + (3 + (((45 \times 6!) + 7!/8) \times 9)) &= ((9 \times ((8! + 7) - 6^5)) - 4) + (3! \times (2 + 1)!!) \\
 297276 &:= ((1 + 2)! + (3^4 \times (5 \times 6!))) + ((7!/8) \times 9) &= 9 + 8 - (((7!/6 - 5) \times (4 - 3!!/2)) + 1) \\
 297277 &:= (((1 + ((2 + 3!!) \times 4!)) - 5) + (6^7 + 8)) + 9 &= ((9 \times 8) + 7) \times ((6 \times (5^4)) + (3! \times 2 + 1)) \\
 297278 &:= (1 + (2 \times (((3! \times 4!) + 5) \times (6! + 7)) + 8!)) - 9 &= ((9 + 8!) \times 7) + (((6! - (5! - 4!)) \times (3! - 2)! - 1) \\
 297279 &:= (1 - ((2 - ((3 + 4)!) \times 5)) + ((6 \times 7! - 8) \times 9) &= (9 \times ((8! + 7) - (6^5 - (4 \times ((3 + 2)!)!))) \times 1 \\
 297280 &:= 1 \times 2 \times (((3^4 + 5!) \times 6!) - ((7! - 8!)/9)) &= ((9 \times ((8! + 7) + ((6 - 5!) \times (4^3)))) + 2) - 1 \\
 297281 &:= (((1 + 2)!^{3!}) + 4! \times 5!) \times 6) + ((7 \times 8) + 9) &= ((9 \times ((8! + 7) + ((6 - 5!) \times (4^3)))) + 2) \times 1 \\
 297282 &:= (((((1 + 2) + 3!!) \times 4!) - 5) + (6^7 + 8)) - 9 &= ((9 \times ((8! + 7) + ((6 - 5!) \times (4^3)))) + 2) + 1 \\
 297283 &:= (((1 + 2)! + 3!!) \times 4!) - (5 - (6^7 - 8 \times 9)) &= (9 + (8! + (7! - ((6! + 5) \times 4)))) \times (3! + (2 - 1)) \\
 297284 &:= ((((((1 + 2) + 3!!) \times 4!) - 5) + 6^7) - 8) + 9 &= 9 - (((8! + (7 \times (6 - ((5!/4)^3)))) \times 2) + 1) \\
 297285 &:= (1 \times 2 + 3!! \times 4!) - (5 - (6^7 + 8 \times 9)) &= 9 - ((8! + (7 \times (6 - ((5!/4)^3)))) \times 2 \times 1) \\
 297286 &:= (((1 \times 2 + 3!!) \times 4!) + 5) + (6^7 + 8) + 9 &= 9 - (((8! + (7 \times (6 - ((5!/4)^3)))) \times 2) - 1) \\
 297287 &:= ((1 + (((2 + 3!!) \times 4!) + 5)) + (6^7 + 8)) + 9 &= (9 \times (8! - 7!)) - (((6!/5 + (4!/3)!)/2) + 1) \\
 297288 &:= (1 - ((2 - (3!! \times 4) \times 5)) + (6! + (7 \times (8! - 9)))) &= (9 + 8! - 7!) - (6!/5 - ((4^3)^2) - 1) \\
 297289 &:= (1 - ((2 - 3 \times 4!) \times (5 \times 6!))) + ((7! - 8) \times 9) &= (9 \times (8! - 7!)) - (((6!/5 + (4!/3)!)/2) - 1) \\
 297290 &:= (1 \times 2 - 3!!) + ((4! \times 5! + (6 \times 7! - 8)) \times 9) &= (9 + 8! - 7!) - (6!/5 - ((4^3)^2) + 1) \\
 297291 &:= ((1 + 2) - 3!!) + ((4! \times 5! + (6 \times 7! - 8)) \times 9) &= (9 + (((8 + 7!/6) \times (5! - 4)) + 3!!)) \times (2 + 1) \\
 297292 &:= 1 - ((2 - (3!! \times 4! + 5)) - (6^7 + 8 \times 9)) &= (((-9 + 8!) \times 7) - (6 - 5)) - (4 - (3!! \times 21)) \\
 297293 &:= (((1 + 2)! + 3!!) \times 4!) + ((5 + 6^7) - 8 \times 9) &= (9 \times (8! - 7!) - 6) - (((5! + (4!/3)!)/2) + 1) \\
 297294 &:= ((1 + 2)! - 3!!) + ((4! \times 5! + (6 \times 7! - 8)) \times 9) &= 9 + (((8! + ((7 + 6!) \times (5 + 4! \times 3!))) \times 2) - 1) \\
 297295 &:= (1 \times 2 \times (((3! \times 4! + 5) \times (6! + 7)) + 8!)) + 9 &= (9 \times (8! - 7!) - 6) - (((5! + (4!/3)!)/2) - 1) \\
 297296 &:= (1 + (2 \times (((3! \times 4!) + 5) \times (6! + 7)) + 8!)) + 9 &= ((9 + 8!) \times 7) - (6 - (((5^4) \times (3! - 2)! - 1)) \\
 297297 &:= (1 + 2 \times 3!) \times (((4! \times (5! + (6! + 7)))/8) \times 9) &= 9 - (((8 - 7!/6) \times 5!) + (4! + 3!!)) \times (2 + 1) \\
 297298 &:= 1 + 2 \times 3!! + (((4! - 5) \times 6!) + (7 \times (8! - 9))) &= (9 \times (8! - 7!)) - (((6 + (5! + (4!/3)!)/2) - 1) \\
 297299 &:= (1 \times 2 + 3!!) - ((4! \times (5! - 6!)) - (7 \times (8! - 9))) &= (9 \times (8! - (7 \times 6!))) - (((5! + (4!/3)!)/2) + 1) \\
 297300 &:= 1 \times 2 \times ((3! + 4!) \times (5 - (6! - ((7!/8) \times 9)))) &= ((9 \times (8! - (7! + 6))) - 5) - (((4!/3)!/2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 297301 &:= 1 - (2 \times ((3! + 4!) \times (5 + ((6! - (7! + 8!))/9)))) = (9 \times (8! - (7 \times 6!))) - (((5! + (4!/3!))/2) - 1) \\
 297302 &:= 1 - ((2 - ((3 \times 4!) - (5 + 6))) \times (7! + (8 - 9))) = ((9 \times (8! - (7! + 6))) - 5) - (((4!/3!)/2) - 1) \\
 297303 &:= (1 - (((2 + 3!!) \times (4! + 5)) - 6!)) - ((7! - 8!) \times 9) = ((9 \times (8! - 7!)) + 6!) - (((5 + 4!) \times (3!! + 2)) - 1) \\
 297304 &:= 1 \times 2 \times (((3! \times 4! + 5) \times (6! + 7)) + 8! + 9) = (9 \times (8! - 7!)) + (((6 - (5! + (4!/3!)))/2) + 1) \\
 297305 &:= ((1 - 2) + (((3 + 4)!) \times 5)) + (6 \times (7! + 8! - 9)) = ((9 \times (8! - 7!)) + 6) - (((5! + (4!/3!))/2) + 1) \\
 297306 &:= (((1 + 2)!)! \times ((3 \times 4!) + 5)) + (6 \times (7! \times 8 - 9)) = (9 + 8! - (7! + 6)) - (5! - ((4^{3^2}) - 1)) \\
 297307 &:= (1 - 2 \times 3!!) - (((4^5 - 6) \times 7) - 8!) \times 9 = ((9 \times (8! - 7!)) + 6) - (((5! + (4!/3!))/2) - 1) \\
 297308 &:= (1 + ((2 + 3!! \times 4) \times 5)) + (6! + (7 \times (8! - 9))) = (9 + 8! - (7! + 6)) - (5! - ((4^{3^2}) + 1)) \\
 297309 &:= (((1 + 2)!)! \times ((3 \times 4!) + 5)) - ((6 \times (7 - 8!)) + 9) = (9 + (8! \times 7 + 6!)) + ((5 \times 4) \times (3!! - 2 - 1)) \\
 297310 &:= (((1 + 2) + 3!!) \times 4!) + (5 + (6^7 + 8 + 9)) = ((9 \times (8! - (7! + 6))) + 5) - (((4!/3!)/2) + 1) \\
 297311 &:= (((1 + 2)^{3!}) \times 4!) - (5! - (6^7 + (8 - 9))) = ((9 \times (8! - (7! + 6))) + 5) - (4 \times ((3! + (2 - 1)))!) \\
 297312 &:= (1 - (((2 - 3!!) \times (4 \times 5)) - (6! + 7 \times 8!))) - 9 = (9 + 8! - (7 \times 6!)) - (5! - ((4^{3^2}) - 1)) \\
 297313 &:= 1 - (2 \times (3! \times (4! + ((5 \times (6! - (7! + 8!)))/9)))) = (((9 + 8!) \times 7) + 6) + ((5! + 4) \times (((3 + 2)!) + 1)) \\
 297314 &:= -1 + ((2 + 3) \times ((4! \times ((5! - 6) \times 7)) + 8! - 9)) = (9 + 8! - (7 \times 6!)) - (5! - ((4^{3^2}) + 1)) \\
 297315 &:= (((((1 + 2)^{3!}) \times (4 + 5!))/6) + 7 \times 8!) + 9 = (9 \times (8! - ((7 \times 6!) + 5))) - (4 \times ((3! + (2 - 1)))!) \\
 297316 &:= ((1 - (2 - 3!!) \times 4) \times 5) + (6! + 7 \times 8! - 9) = (9 \times (8! - ((7 \times 6!) + 5))) - (((4!/3!)/2) - 1) \\
 297317 &:= 1 - (2 - ((3 - 4!) \times (5 - 6!)) + (7 \times (8! + 9))) = (((9 + 8!) \times 7) + ((6! - 5) \times (4! - 3))) - (2 - 1) \\
 297318 &:= ((1 - ((2 \times 3!! - 4!) \times 5)) \times 6 \times 7) \times (8 - 9) = (9 + 8! - (7! - 6)) - (5! - ((4^{3^2}) - 1)) \\
 297319 &:= (((1 + 2) + 3!!) \times 4!) + ((5! + 6^7) - 89) = ((9 + 8! - (7! - (6 - 5!))) + (4^{3^2})) \times 1 \\
 297320 &:= 1 \times (2 + (((3 - 4!) \times (5 - 6!)) + (7 \times (8! + 9)))) = (9 + 8! - (7! - 6)) - (5! - ((4^{3^2}) + 1)) \\
 297321 &:= 1 + (2 + (((3 - 4!) \times (5 - 6!)) + (7 \times (8! + 9)))) = (((9 + 8!) \times 7) + (((6! - 5) \times (4! - 3)) + 2)) + 1 \\
 297322 &:= ((1 + 2) + 3!! \times 4!) + ((5! + 6^7) - (8 + 9)) = (9 \times 8 \times (7! - 6!)) + ((5 - 4!) \times (3!! + 2 \times 1)) \\
 297323 &:= 1 \times (((2 + 3!)! - (4 + 5 \times 6!)) \times 7) + 8! - 9 = (9 \times (8! - 7!)) - (((6! + 5!) \times 4!) + (3!^2 + 1)) \\
 297324 &:= (1 + (((2 + 3!)! - (4 + 5 \times 6!)) \times 7) + 8!) - 9 = (9 + (8! \times 7 + 6!)) + (5 \times ((4 \times (3!! - 2)) - 1)) \\
 297325 &:= (((1 + 2)! + (3!! \times 4! + 5!)) + 6^7) - 8 - 9 = (9 \times (8! - 7!)) - (((6! + 5!) \times 4!) + 3!^2 - 1) \\
 297326 &:= (((1 + ((2 \times 3! \times 4!) + 5!)) \times (6! + 7)) - 8) - 9 = 9 - (8 + (7 \times (6! - (5 \times (4! \times 3!!/2 - 1)))))) \\
 297327 &:= (((1 + 2)!)! \times ((3 \times 4!) + 5)) - ((6 \times (7 - 8!)) - 9) = ((9 + 8) \times ((7 \times (6 \times 5)) + 4! \times 3!!)) - (2 + 1) \\
 297328 &:= (((1 - 23) \times 4!) + 5^6) + (7 \times 8! - 9) = (9 + (8! \times 7 + 6!)) + (((5 \times 4) \times (3!! - 2)) - 1) \\
 297329 &:= (((1 + 2)^{3!}) \times 4!) - (5! - (6^7 + 8 + 9)) = (9 \times (8! - 7!)) - 6 \times 5 - (((4!/3!)/2) + 1) \\
 297330 &:= (1 - (((2 - 3!!) \times (4 \times 5)) - (6! + 7 \times 8!))) + 9 = (9 \times 8!/7! - 6) \times (5 \times (((4! + 3!)^2) + 1)) \\
 297331 &:= ((1 \times 2 + 3!!) \times 4!) - (5 - (6^7 + 8 \times 9)) = 9 \times 8 - (((7!/6 - 5) \times (4 - 3!!/2)) + 1) \\
 297332 &:= (1 + ((2 + 3!!) \times 4!)) - (5 - (6^7 + 8 \times 9)) = 9 \times 8 - ((7!/6 - 5) \times (4 - (3!!/2 \times 1))) \\
 297333 &:= ((1 + 2)!)! + (3 \times (((4! \times (5 + 6!)) - 7!) \times 8) - 9) = 9 + 8! - ((7 - 6! + 5) \times (((4 + 3!!)/2) + 1)) \\
 297334 &:= ((1 - (2 - 3!!) \times 4) \times 5) + (6! + (7 \times 8! + 9)) = (9 + (8! \times 7 + 6!)) + (5 \times ((4 \times (3!! - 2)) + 1)) \\
 297335 &:= (((1 + 2)^{3!}) + 4! \times 5!) \times 6) + (7 \times (8 + 9)) = (9 \times (8! - 7!)) - ((6! + 5!) \times 4!) - ((3! - 2)! + 1) \\
 297336 &:= ((1 + 2 \times 3!) \times 4) \times (5 + (((6! - 7) \times 8) + 9)) = (((9 \times (8!/7)) + 6!) \times 5) + (4! \times (3!! \times 2 - 1)) \\
 297337 &:= (((1 \times 2 + 3!!) \times (4 \times 5)) + 6!) + (7 \times (8! - 9)) = (9 \times (8! - 7!)) - ((6! + 5!) \times 4!) - ((3! - 2)! - 1) \\
 297338 &:= (1 + (((2 + 3!!) \times (4 \times 5)) + 6!)) + (7 \times (8! - 9)) = (9 \times 8 \times (7! - 6!)) + (5! - ((4!^3) - (2 \times 1)))
 \end{aligned}$$

$$\begin{aligned}
 297339 &:= 1 - (((2 + (3!! \times 4! + 5!)) + 6^7) \times (8 - 9)) &= (((9 + 8) \times ((7 + (6 \times 5!)) \times 4!)) + 3!! + 2) + 1 \\
 297340 &:= 1 + (((2 + (3!! \times 4! + 5!)) + 6^7) - 8 + 9) &= 9 + 8! - ((7 \times (6! \times 5 + (4 - (3! + 2)!))) + 1) \\
 297341 &:= (((1 \times 2 + 3!)! - (4 + 5 \times 6!)) \times 7) + (8! + 9) &= 9 + 8! - (7 \times (6! \times 5 + (4 - (3! + 2 \times 1)!))) \\
 297342 &:= (1 + (((2 + 3!)! - (4 + 5 \times 6!)) \times 7) + 8!) + 9 &= 9 + 8! - ((7 \times (6! \times 5 + (4 - (3! + 2)!))) - 1) \\
 297343 &:= 1 \times 2 - (((3! + 4) \times (5^6 - (7! + 8!))) + 9) &= (((9 + 8!) \times 7) + 6!) - ((5! \times (4 - 3!)) / (2 + 1)!) \\
 297344 &:= (((1 + ((2 \times 3! \times 4!) + 5!)) \times (6! + 7)) - 8) + 9 &= (9 + 8! \times 7) + (6! + ((5^4) \times ((3! - 2)! - 1))) \\
 297345 &:= 1 - (2 + (((3 \times 4!) - 5) \times (6 \times 7 - 8! / 9))) &= 9 - ((8 - (7! / 6 \times (5! + (4 - 3!)))) \times (2 + 1)) \\
 297346 &:= (((1 - 2) + ((3 + 4)!) \times 5) + ((6 \times (7! + 8!)) - 9) &= 9 - (8 + ((7 \times ((6! \times (5 - 4^3)) + 2)) + 1)) \\
 297347 &:= ((1 - (2 \times (3! + 4!))) \times ((5 - 6) - 7!)) - 8 \times 9 &= (9 \times (8! - 7!) - ((6! + 5!) \times 4!)) - (3! \times 2 + 1) \\
 297348 &:= 1 \times 2 - (((3 \times 4!) - 5) \times (6 \times 7 - 8! / 9)) &= (9 \times (8! - 7!) - 6) - (5 + (((4! / 3!) / 2) + 1)) \\
 297349 &:= (1 - (2 \times 3! + (4! \times (5! + 6!)))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - ((6! + 5!) \times 4!)) - ((3! \times 2) - 1) \\
 297350 &:= (1 + 2)!! - ((3! + 4) \times (5^6 - ((7! - 8) \times 9))) &= (9 \times (8! - 7!) - ((6! + 5!) \times 4!)) - (3^2 + 1) \\
 297351 &:= (((1 + 2)!)! \times ((3 \times 4!) + 5)) + ((6 \times 7! \times 8) - 9) &= (9 \times 8 \times (7! - 6!)) - (((5 \times 4!) - 3)^2 \times 1) \\
 297352 &:= (1 - ((2 - (3!! - 4) \times 5!)) - ((6 \times (7! - 8!)) + 9) &= (9 \times 8 \times (7! - 6!)) - (((5 \times 4!) - 3)^2 - 1) \\
 297353 &:= (1 \times 2 + 3!!) - ((4! \times (5! - 6!)) - (7 \times 8! - 9)) &= (9 \times (8! - (7! - 6!))) - (((5! + (4! / 3!) / 2) + 1) \\
 297354 &:= 1 - ((2^{3!} \times (4^5 - 6! \times 7)) - 8! - 9) &= ((9 \times (8! - (7 \times 6!))) - 5) - (((4! / 3!) / 2) + 1) \\
 297355 &:= (((1 + 2)^{3!}) \times 4!) - (5 - 6^7) - 8 \times 9 &= (9 \times (8! - (7! - 6!))) - (((5! + (4! / 3!) / 2) - 1) \\
 297356 &:= 1 \times 2 - (3! + ((4! \times (5! + 6!)) + ((7! - 8!) \times 9))) &= ((9 \times (8! - (7 \times 6!))) - 5) - (((4! / 3!) / 2) - 1) \\
 297357 &:= 1 - (2 \times (((3! \times 4! - 5^6) \times 7) - 8! + 9)) &= (9 \times (8! - 7!) - (((6! + 5!) \times 4!) + (3! - 2))) + 1 \\
 297358 &:= ((1 + 2) \times ((3!! - 4) \times 5!)) - (6! - (7 + 8! - 9)) &= (9 \times (8! - 7!) - 6) + (5 - (((4! / 3!) / 2) + 1)) \\
 297359 &:= 1 \times 2 - (3 + ((4! \times (5! + 6!)) + ((7! - 8!) \times 9))) &= (9 \times (8! / 7)) + ((6! \times (5 - (4! - 3! / 2))) - 1) \\
 297360 &:= (1 - 2^{3!}) \times (((4 \times 5! \times 6) - (7! + 8!)) / 9) &= (9 \times (8! - 7!) - 6) + (5 - (((4! / 3!) / 2) - 1)) \\
 297361 &:= (1 + ((2 + 3!)! \times 4)) - (((5 \times 6! \times 7) - 8!) \times 9) &= (9 \times (8! / 7)) + ((6! \times (5 - (4! - 3! / 2))) + 1) \\
 297362 &:= (1 + ((2 + 3!! \times 4) \times 5)) + (6! + 7 \times 8! - 9) &= ((9 \times (8! - 7!)) + 6) - ((5 + ((4! / 3!) / 2)) - 1) \\
 297363 &:= ((1 + 2) - 3!!) - ((4! \times 5! - (6! - (7! - 8!))) \times 9) &= (9 + 8! - 7!) + (6 \times ((5! \times (4 + 3! / 2)) - 1)) \\
 297364 &:= ((1 + (2 + 3!)!) \times 4) - (((5 \times 6! \times 7) - 8!) \times 9) &= ((9 \times (8! - (7 \times 6!))) + 5) - (((4! / 3!) / 2) + 1) \\
 297365 &:= 1 \times 2 + (3 - ((4! \times (5! + 6!)) + ((7! - 8!) \times 9))) &= (9 \times (8! - (7! + 6!))) + (((5! - (4! / 3!) / 2) - 1) \\
 297366 &:= 1 - ((2 \times (((3! \times 4! - 5^6) \times 7) - 8!)) + 9) &= ((9 \times (8! - (7 \times 6!))) + 5) - (((4! / 3!) / 2) - 1) \\
 297367 &:= ((1 + 2)!)! + ((3^4 \times (5 \times 6! + 7)) + 8! / 9) &= (9 \times (8! - (7! + 6!))) + (((5! - (4! / 3!) / 2) + 1) \\
 297368 &:= (((1 + (((2 + 3!!) \times 4!) + 5!)) + 6^7) - 8) - 9 &= (9 + 8! - 7!) + ((6 \times (5! \times (4 + 3! / 2))) - 1) \\
 297369 &:= (((1 + 2)!)! \times ((3 \times 4!) + 5)) + ((6 \times 7! \times 8) + 9) &= ((9 - (8 - 7)))! + (((6 + 5!) \times 4) + 3)^2 \times 1) \\
 297370 &:= (1 - ((2 - (3!! - 4) \times 5!)) - ((6 \times (7! - 8!)) - 9) &= 9 + 8! - 7 + (((6 + 5!) \times 4) + 3)^2 - 1) \\
 297371 &:= (1 \times 2 + 3!!) - ((4! \times (5! - 6!)) - (7 \times 8! + 9)) &= (9 + 8! \times 7) - (6 - (((5 \times 4!) + 3)^2 - 1)) \\
 297372 &:= (1 + 2)! + (3! - ((4! \times (5! + 6!)) + ((7! - 8!) \times 9))) &= 9 + 8! - 7 + (((6 + 5!) \times 4) + 3)^2 + 1) \\
 297373 &:= ((1 + 2 \times 3!) - (4! \times (5! + 6!))) - ((7! - 8!) \times 9) &= (9 + 8! \times 7) - (6 - (((5 \times 4!) + 3)^2 + 1)) \\
 297374 &:= ((1 - 2 \times 3!!) \times (4 \times 5 - 6)) - ((7! - 8!) \times 9) &= 9 + 8! + (((7 - (6! + 5)) \times ((4 - 3! / 2))) + 1) \\
 297375 &:= ((1 + 2)! + 3!!) - ((4! \times (5! - 6!)) - (7 \times 8! + 9)) &= (9 + (8! + (7 - (6! \times (5 - ((4 + 3! / 2)))))) - 1) \\
 297376 &:= ((1 + 2) \times ((3!! - 4) \times 5!)) - (6! - (7 + 8! + 9)) &= (9 + (8! + (7 - (6! \times (5 - ((4 + 3! / 2)))))) \times 1) \\
 297377 &:= ((1 + 2)!)! + ((3!! + 4) \times (5! / 6)) + (7 \times (8! - 9)) &= (9 + (8! + (7 - (6! \times (5 - ((4 + 3! / 2)))))) + 1)
 \end{aligned}$$

$$\begin{aligned}
 297378 &:= ((1+2)^{3!}) - ((4! \times (5! - 6!)) - (7 \times 8! + 9)) &= (9 + (8! \times 7 + 6!)) + ((5 \times ((4 \times 3!!) + 2)) - 1) \\
 297379 &:= (((1 \times 2 + 3!)! + (4 - (5 \times 6!))) \times 7) + 8! - 9 &= 9 + 8! + (((7! + (6 \times 5)) / (4 + 3!))^2 + 1) \\
 297380 &:= (1 + ((2 + 3!! \times 4) \times 5)) + (6! + (7 \times 8! + 9)) &= (9 + (8! + 7)) + ((6 \times 5! - 4) \times (3!!/2 - 1)) \\
 297381 &:= (((1 + (2 \times 3!^4)) \times 5) + 6^7) + 8!/9 &= (9 + 8! \times 7) + (6 \times ((5! \times (4! - 3)) + 2 \times 1)) \\
 297382 &:= (((1 + 2)! + 3!!) \times 4!) + (5 + (6^7 + 8 + 9)) &= 9 + 8! - ((7 \times (6! \times 5 - ((4!/3!) + 2))) + 1) \\
 297383 &:= (1 - (2 \times (3 + 4!))) \times (5 + ((6 - 7!/8) \times 9)) &= (9 + 8! \times 7 + 6) + (((5 \times 4!) + 3)^2 - 1) \\
 297384 &:= (1 - (((2 - 3!!) \times (4 \times 5)) - 6!)) + (7 \times (8! + 9)) &= (9 + (8! + 7)) + (((((6 + 5!) \times 4) + 3)^2) - 1) \\
 297385 &:= (1 - (((2 \times 3!)^4) + (5! - 6!))) - ((7! - 8!) \times 9) &= (9 + 8! \times 7 + 6) + (((5 \times 4!) + 3)^2 + 1) \\
 297386 &:= (((1 + (((2 + 3!!) \times 4!) + 5!)) + 6^7) - 8) + 9 &= 9 + 8! + (7 + (((((6 + 5!) \times 4) + 3)^2) + 1)) \\
 297387 &:= (((1 + 2)^3) - (4! \times (5! + 6!))) - ((7! - 8!) \times 9) &= (((9 + (8! + (7! \times 6))) + (5^{4+3})) \times 2) - 1 \\
 297388 &:= ((1 - (2 - 3!!) \times 4) \times 5) + (6! + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6!) + (5 \times ((4 \times (3!! - 2)) + 1)) \\
 297389 &:= (((1 + (2 \times ((3 + 4)!)) \times (5 \times 6)) - (7! - 8)) - 9) &= ((9 \times (8! - 7!)) + (6 \times 5)) - (((4!/3!)/2) + 1) \\
 297390 &:= ((1 + (2 \times ((3 + 4)!)) \times (5 \times 6)) - ((7! + 8!)/9) &= (((9 \times (8!/(7!/6!))) - 5!)/4) \times ((3! - 2)! - 1) \\
 297391 &:= 1 \times (((2 + 3!!) \times (4 \times 5)) + (6! + 7 \times 8! - 9)) &= ((9 \times (8! - 7!)) + (6 \times 5)) - (((4!/3!)/2) - 1) \\
 297392 &:= (1 + (((2 + 3!!) \times (4 \times 5)) + (6! + 7 \times 8!))) - 9 &= (9 + 8! \times 7) + (((6 + 5^4) \times (3! - 2)! - 1) \\
 297393 &:= (((1 + 2)! \times ((3 \times 4!) + 5)) + ((6 \times (7 + 8!)) - 9) &= 9 - (8 \times (7 - ((6! - 5) \times (4 \times (3! \times 2 + 1)))))) \\
 297394 &:= 1234 \times ((5 \times (6 \times 7 + 8)) - 9) &= ((9 + (8! + 7!)) \times 6) - (5 \times (4 - ((3! + (2 - 1)!)))!) \\
 297395 &:= ((1 - ((2 + 3)! \times 4)) + (5^6 + 7 \times 8!)) + 9 &= (9 \times (8! - 7!)) - (((6! + 5!) \times 4!) - (3!^2 - 1)) \\
 297396 &:= (((1 + ((2 + 3!!) \times 4)) \times 5) + (6! + 7 \times 8!)) - 9 &= 9 - (8 + (7 \times (6! - (5 \times ((4! \times 3!!/2) + 1)))))) \\
 297397 &:= 1 \times (((2 + 3!)! + (4 - (5 \times 6!))) \times 7) + 8! + 9 &= (9 + 8! - (7 \times (6! + 5))) + ((4^{3^2}) - 1) \\
 297398 &:= (1 + (((2 + 3!)! + (4 - (5 \times 6!))) \times 7)) + (8! + 9) &= ((9 + 8!) \times 7) + (6! + ((5^4) \times ((3! - 2)! - 1))) \\
 297399 &:= (1 + ((2 - 3!!) \times (4! - 5))) - ((6! - 7!) \times 8 \times 9) &= 9 + 8! - ((7 \times (6! + 5)) - ((4^{3^2}) + 1)) \\
 297400 &:= ((1 - (2 \times (3!! + 4))) \times (5!/6)) \times (7 - (8 + 9)) &= (9 + 8! \times 7) + ((6 \times (5 + (((4 + 3)!/2))) + 1) \\
 297401 &:= (((1 + ((2 \times 3!! - 4!) \times 5)) \times 6 \times 7) + 8) - 9 &= ((9 + 8) + ((7! + (6! \times 5!))/4)) \times (3! \times 2 + 1) \\
 297402 &:= (1 - 2) \times (((3 - 4!) \times (5 + 6!)) - (7 \times (8! - 9))) &= (9 + 8! - 7!) - ((6 \times 5) - ((4^{3^2}) - 1)) \\
 297403 &:= (((1 + ((2 \times 3!! - 4!) \times 5)) \times 6 \times 7) - 8) + 9 &= (((9 + 8!) \times 7) + 6!) + ((5 \times 4) \times (3!! - (2 - 1))) \\
 297404 &:= 1 \times (2 - (((3 - 4!) \times (5 + 6!)) - (7 \times (8! - 9)))) &= (9 \times (8! - (7 \times 6! - 5))) - (((4!/3!)/2) + 1) \\
 297405 &:= 1 + (2 - (((3 - 4!) \times (5 + 6!)) - (7 \times (8! - 9)))) &= (9 + 8! \times 7) - (6! - (((5 \times 4!) + 3!)^2 \times 1)) \\
 297406 &:= (1 + (2 + 3!))! + (45 \times (((6! - 7) \times 8) + 9)) &= (9 \times (8! - (7 \times 6! - 5))) - (((4!/3!)/2) - 1) \\
 297407 &:= 1 - ((2 - (3!! \times 4! + 5!)) - (6^7 + 8 \times 9)) &= ((9 + 8!) \times 7) - (((6 \times (5 - ((4 + 3)!)))/2) + 1) \\
 297408 &:= (1 \times 2^{3!}) \times (((4! + 5) \times 6) - (7 - 8!/9)) &= ((9 \times (8! - (7! - 6))) - 5) - (((4!/3!)/2) + 1) \\
 297409 &:= (1 - ((2 + 3! \times 4!) \times 5!)) + ((6^7/8) \times 9) &= (9 + (8! \times 7 + 6!)) + ((5 \times 4) \times (3!! + 2 \times 1)) \\
 297410 &:= (1 + (((2 + 3!!) \times (4 \times 5)) + (6! + 7 \times 8!))) + 9 &= ((9 \times (8! - (7! - 6))) - 5) - (((4!/3!)/2) - 1) \\
 297411 &:= 1 + ((2 + (3!! \times 4! + 5!)) + (6^7 + 8 \times 9)) &= (((9 + 8!) \times 7) + (6 \times ((5! \times (4! - 3)) - 2))) \times 1 \\
 297412 &:= 1 - (((2 + ((3 - 4!) \times 5!)) \times 6) - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6 \times ((5! \times (4! - 3)) - 2))) + 1 \\
 297413 &:= ((1 - 2) + (((3 + 4)! \times 5)) + (6 \times (7! + 8! + 9))) &= (9 \times (8! - 7!) - 6) + (((5! - (4!/3!))/2) - 1) \\
 297414 &:= (((1 + ((2 + 3!!) \times 4)) \times 5) + (6! + 7 \times 8!)) + 9 &= (((9 + 8!) \times 7) + (6! + (5 \times (4 \times 3!! - 2)))) + 1 \\
 297415 &:= (1 - ((2 - (3!! - 4) \times 5!)) - (6 \times (7! - 8! - 9))) &= (9 \times (8! - 7!) - 6) + (((5! - (4!/3!))/2) + 1) \\
 297416 &:= (1 \times 2 + (((3 + 4)! \times 5)) + (6 \times (7! + 8! + 9))) &= (9 \times (8! - 7!)) - (((6 - (5! - (4!/3!)))/2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 297417 &:= ((1+2)!! - 3!) - ((4! \times (5! - 6!)) - (7 \times (8! + 9))) = ((9 \times (8! - 7!)) + 6!) - (((5+4!) \times (3!! - 2)) + 1) \\
 297418 &:= 1 \times (((2-3!!) \times (4! + 5)) + (6! - ((7! - 8!) \times 9))) = (9 \times (8! - 7!)) - (((6 - (5! - (4!/3!)))/2) - 1) \\
 297419 &:= (1 + (((2-3!!) \times (4! + 5)) + 6!)) - ((7! - 8!) \times 9) = ((9 \times (8! - 7!)) + 6!) - (((5+4!) \times (3!! - 2)) - 1) \\
 297420 &:= ((1 - (2 \times (3! + 4!))) \times ((5-6) - 7!)) - (8-9) = ((9 \times (8! - (7! - 6))) + 5) - (((4!/3!)/2) - 1) \\
 297421 &:= 1 - ((2 \times 3! - 4!) \times (5 \times ((6+7!) - 89))) = (9+8! - (7! + 6)) - (5 - ((4^{3^2}) - 1)) \\
 297422 &:= 1 - (2 - ((3!! \times (4 \times 5)) + (6! + (7 \times (8! + 9)))) = (9 \times (8! - 7!)) + (((6+5!) - (4!/3!)/2) - 1) \\
 297423 &:= (1 - 2^{3!}) \times (4 + (((5! + 6! - 7!)/8) \times 9)) = (9+8! - (7! + 6)) - (5 - ((4^{3^2}) + 1)) \\
 297424 &:= 1 + 2 \times 3!! + (((4! - 5) \times 6!) + (7 \times (8! + 9))) = (((9+8!) \times 7) - (6! \times (5 - 4!))) + (3!! \times 2 + 1) \\
 297425 &:= ((1 + 2^{3!}) - (4! \times (5! + 6!))) - ((7! - 8!) \times 9) = ((9 \times (8! - 7!)) + 6) + (((5! - (4!/3!)/2) - 1) \\
 297426 &:= 1 \times (((2-3^4) \times ((5! - 6 \times 7!)/8)) - 9) = (9+8! - 7!) - ((6!/5!) - ((4^{3^2}) - 1)) \\
 297427 &:= (1 + ((2-3^4) \times ((5! - 6 \times 7!)/8))) - 9 = ((9+8! - ((7 \times 6!) + 5)) + (4^{3^2})) - 1 \\
 297428 &:= (((1+2)^{3!}) \times 4!) - (5 - 6^7) - (8-9) = ((9+8! - ((7 \times 6!) + 5)) + (4^{3^2})) \times 1 \\
 297429 &:= ((1+2)! + 3!!) - ((4! \times (5! - 6!)) - (7 \times (8! + 9))) = (9+8! - (7 \times 6!)) - (5 - ((4^{3^2}) + 1)) \\
 297430 &:= (((12 \times 34) + 5) \times 6!) + (7!/(8 \times 9)) = (9 \times (8 + ((7! \times 6) + (5! \times 4!)))) - (3!! + 2 \times 1) \\
 297431 &:= ((1+2)!! + ((3!! + 4) \times (5!/6))) + (7 \times 8! - 9) = (9+8! - (7! + 6)) + ((5 + (4^{3^2})) - 1) \\
 297432 &:= ((1+2)^{3!}) - ((4! \times (5! - 6!)) - (7 \times (8! + 9))) = (((9+8!) \times 7) + 6!) + ((5 \times ((4 \times 3!!) + 2)) - 1) \\
 297433 &:= (1 - ((2-3 \times 4!) \times (5 \times 6!))) + ((7! + 8) \times 9) = (9+8! - (7! - 6)) - (5 - ((4^{3^2}) - 1)) \\
 297434 &:= (1 + ((2+3!! \times 4) \times 5)) + (6! + (7 \times (8! + 9))) = (((9+8!) \times 7) + 6!) + ((5 \times ((4 \times 3!!) + 2)) + 1) \\
 297435 &:= ((1+2) - 3!!) + ((4! \times 5! + (6 \times 7! + 8)) \times 9) = (9+8! - (7! - 6)) - (5 - ((4^{3^2}) + 1)) \\
 297436 &:= (((1 - (2 \times (3! + 4!))) \times ((5-6) - 7!)) + 8) + 9 = ((9+8!) \times 7) + ((6 \times ((5! \times (4! - 3)) + 2)) + 1) \\
 297437 &:= (((1+2)! + 3!!) \times 4!) + (5 + (6^7 + 8 \times 9)) = (9+8! - (7 \times 6!)) + ((5 + (4^{3^2})) - 1) \\
 297438 &:= (((1+2)^{3!}) \times 4!) + ((5+6^7) - 8) + 9 = ((9+8! - (7! - 6!/5!)) + (4^{3^2})) - 1 \\
 297439 &:= (((1 \times 2 + 3! \times 4!) \times 5!) + 6^7) - 8 - 9 = (9+8! - (7 \times 6! - 5)) + ((4^{3^2}) + 1) \\
 297440 &:= (((1 + ((2+3! \times 4!) \times 5!)) + 6^7) - 8) - 9 = (9+8! - 7!) + ((6!/5!) + ((4^{3^2}) + 1)) \\
 297441 &:= (1+2)!! - (((3 - ((4 \times 5!) - 6)) \times (7!/8)) + 9) = (9 \times (8 + ((7 + (6!/5!))^4))) + (3! + 2 \times 1) \\
 297442 &:= 1 \times 2 - ((3! + 4) \times (5^6 - (7! + 8! + 9))) = (9+8! \times 7) + (((6^5 \times 4) - 3!!)/2) + 1) \\
 297443 &:= 1 - (((2 \times 3!!)/4) - (5^6 + (7 \times (8! - 9)))) = (9+8! - (7! - 6)) + ((5 + (4^{3^2})) - 1) \\
 297444 &:= 1 \times (((2-3^4) \times ((5! - 6 \times 7!)/8)) + 9) = (((9 \times 8) + 7) \times (6 + ((5^4) \times 3!))) + ((2+1)!) \\
 297445 &:= (1 + ((2-3^4) \times ((5! - 6 \times 7!)/8))) + 9 = (9+8! - (7! - 6)) + (5 + ((4^{3^2}) + 1)) \\
 297446 &:= (1+2)! - ((3! + 4) \times (5^6 - (7! + 8! + 9))) = (((9+8!) \times 7) + ((6+5^4) \times (3! - 2!))) - 1 \\
 297447 &:= (((1+2) - 3!!) \times (4! + 5)) + 6! - ((7! - 8!) \times 9) = (((9+8!) \times 7) + ((6+5^4) \times (3! - 2!))) \times 1 \\
 297448 &:= ((12 - 3!!) \times 4) + (5! + (6^7 \times (8!/9))) = (((9+8!) \times 7) + ((6+5^4) \times (3! - 2!))) + 1 \\
 297449 &:= ((1+2)!! + ((3!! + 4) \times (5!/6))) + (7 \times 8! + 9) = ((9 \times (8! - ((7+6!) \times (5!/(4 \times 3)))) - 2) + 1) \\
 297450 &:= 1 \times (((2 - (3 + (4+5))) \times (6! + 7)) + 8!) \times 9 = 9 + ((8! - (((7^6) + 5)/(4-3!))) \times (2+1)) \\
 297451 &:= 1 + (((2 - (3 + (4+5))) \times (6! + 7)) + 8!) \times 9 = (98 - (7! + (6 - (5! \times (((4+3)!/2)))))) - 1 \\
 297452 &:= 1 \times (2 - (((3! - 4) \times (5 \times (6! + 7))) - 8!) \times 9) = 9 - (((8! - (7 \times (6 + ((5!/4)^3)))) \times 2) + 1) \\
 297453 &:= 1 + (2 - (((3! - 4) \times (5 \times (6! + 7))) - 8!) \times 9) = (9+8! - ((7^6 - 5)/(4-3!))) \times (2+1)
 \end{aligned}$$

$$\begin{aligned}
 297454 &:= (((1+2)^{3!} \times 4!) + (5 + (6^7 + 8))) + 9 &= 9 - (((8! - (7 \times (6 + ((5!/4)^3)))) \times 2) - 1) \\
 297455 &:= (1 - 2 - ((3 - 4!) \times (5 + 6!))) + (7 \times 8! - 9) &= (9 \times (8! - 7!)) - (((6! + (5! - 4)) \times (3! - 2)! + 1) \\
 297456 &:= ((1 \times 2 + 3!) \times 4!) + (5! + (6^7 + 8 \times 9)) &= (9 \times (8! - 7!) - 6^5) - (4^{3!} \times (2 + 1)) \\
 297457 &:= (((1 \times 2 + 3! \times 4!) \times 5!) + 6^7) - 8 + 9 &= (9 \times (8! - 7!)) - (((6! + (5! - 4)) \times (3! - 2)! - 1) \\
 297458 &:= (((1 + ((2 + 3! \times 4!) \times 5!)) + 6^7) - 8) + 9 &= ((9 + 8!) \times 7) - (6! - (((5 \times 4!) + 3!)^2 - 1)) \\
 297459 &:= (1 + 2 \times 3!! - 4) \times (((5!/6 + 7) \times 8) - 9) &= ((9 - (8 \times (7 \times 6))) + 5!) \times (4 - (3!! \times 2 + 1)) \\
 297460 &:= ((1 + 2) \times 3!! - 4 \times 5) \times (67 + 8 \times 9) &= ((9 + 8!) \times 7) - (6! - (((5 \times 4!) + 3!)^2 + 1)) \\
 297461 &:= 1 \times (2 - (((3! - 4! \times 5!)/6) \times (7!/8 - 9))) &= (((9 - 8!) + (7 \times (6 + ((5!/4)^3)))) \times 2) - 1 \\
 297462 &:= 1 + (2 - (((3! - 4! \times 5!)/6) \times (7!/8 - 9))) &= (((9 - 8!) + (7 \times (6 + ((5!/4)^3)))) \times 2) \times 1 \\
 297463 &:= 1 - (2 + ((3^4 - 5) \times (6 + ((7! - 8!)/9)))) &= (((9 - 8!) + (7 \times (6 + ((5!/4)^3)))) \times 2) + 1 \\
 297464 &:= (1 + (((2 + 3!!) \times (4 \times 5)) + 6!)) + (7 \times (8! + 9)) &= (9 + 8! - 7!) + ((6 \times 5) + ((4^{3^2} + 1)) \\
 297465 &:= (1 + 2)! - (((3! - 4! \times 5!)/6) \times (7!/8 - 9)) &= (9 + (8! + (7! + (6 - (5! \times 4)))) \times (3! + (2 - 1)) \\
 297466 &:= 1 - (((2 + 3!!) \times 4!) + (((5! - 6^7)/8) \times 9)) &= ((9 - (8 \times 7)) + (6 \times 5!)) \times (((4! - 3)^2 + 1) \\
 297467 &:= 1 + (2 - ((3^4 - 5) \times (6 + ((7! - 8!)/9)))) &= 9 + (((8! - (7 \times (6! - 5))) + (4^{3^2})) - 1) \\
 297468 &:= (((1 + ((2 + 3!!) \times 4)) \times 5) + 6!) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) + 6!) + (5 \times ((4 \times (3!! + 2)) + 1)) \\
 297469 &:= 1 \times (((2 + ((3! - 4 + 5)!)) \times (67 - 8)) - 9) &= 9 + ((8! - (7 \times (6! - 5))) + ((4^{3^2} + 1)) \\
 297470 &:= 1 - (((2 \times (3 + 4!)) + 5) \times (6 - 7! - 8)) + 9 &= ((9 + 8!) \times 7) - (((6 - (5! \times 4)) \times 32) + 1) \\
 297471 &:= ((1 + ((2 + 3) \times 4!)) \times 5!) + (6! + 7 \times 8! - 9) &= (9 + (8! \times 7 + ((6! + 5) \times (4! - 3)))) - (2 + 1) \\
 297472 &:= (1 + ((2 + 3)! + ((45 + 6) \times 7!))) + (8! - 9) &= (9 + (8! \times 7 + ((6! + 5) \times (4! - 3)))) - 2 \times 1 \\
 297473 &:= (1 - 2 - ((3 - 4!) \times (5 + 6!))) + (7 \times 8! + 9) &= (9 \times (8! - (7! - 6))) + (((5! - (4!/3!))/2) - 1) \\
 297474 &:= ((1 + ((2 \times 3!! - 4!) \times 5)) \times 6 \times 7) + 8 \times 9 &= (9 \times (8!/7)) - (6 - (5! \times (4^{3!}/2 - 1))) \\
 297475 &:= -1 - (2 \times (3 - ((4! + 5) \times ((6! \times 7) + 89)))) &= (9 \times (8! - (7! - 6))) + (((5! - (4!/3!))/2) + 1) \\
 297476 &:= 1 \times (2 - (((3 - 4!) \times (5 + 6!)) - (7 \times 8! + 9))) &= (9 \times (8! - (((7 + 6!) \times (5 \times 4) - 3!)/2))) - 1 \\
 297477 &:= 1 + (2 - (((3 - 4!) \times (5 + 6!)) - (7 \times 8! + 9))) &= (9 \times (8! - (((7 + 6!) \times (5 \times 4) - 3!)/2))) \times 1 \\
 297478 &:= (1 - (2 \times (3! + 4!))) \times ((5 - 6) - (7! - 8 + 9)) &= (9 \times (8! - (((7 + 6!) \times (5 \times 4) - 3!)/2))) + 1 \\
 297479 &:= (((1 + 2)! + 3!!) \times 4!) + (5! + (6^7 + (8 - 9))) &= ((9 \times (8! - (7 \times 6!))) + 5!) - (((4!/3!)/2) + 1) \\
 297480 &:= ((1 - (2 \times 3^4)) \times 5!) - (6! + ((7! - 8!) \times 9)) &= (9 \times (8!/(7!/6!))) + (5! \times (4^{3!}/2 - 1)) \\
 297481 &:= (1 - ((2 + 3!!) \times 4!)) - (5! - ((6^7/8) \times 9)) &= ((9 \times (8! - (7 \times 6!))) + 5!) - (((4!/3!)/2) - 1) \\
 297482 &:= (((((12 + 3!!) \times 4!) - 5) + 6^7) - 8) - 9 &= (9 - (((8 \times 7) - 6!) \times ((5! \times 4) - 32))) + 1 \\
 297483 &:= (((1 + 2)^3 + 4!) \times (5! + (((6! - 7) \times 8) + 9)) &= (9 - ((8!/7!) \times (6 - 5!))) \times (((4! - 3!)^2 - 1) \\
 297484 &:= 1 \times 2 - (((3 \times (4 - 5!))/6) \times (7! + 89)) &= (9 - (((8 + 7! - 6) \times (5 - 4^3)) + 2)) - 1 \\
 297485 &:= (1 + 2) - (((3 \times (4 - 5!))/6) \times (7! + 89)) &= (9 - (((8 + 7! - 6) \times (5 - 4^3)) + 2)) \times 1 \\
 297486 &:= ((1 + ((2 + 3!)/4!)) \times (5! + 6)) + (7! \times (8 + 9)) &= (9 - (((8 + 7! - 6) \times (5 - 4^3)) + 2)) + 1 \\
 297487 &:= 1 - (((2 \times ((3!! + 4) \times 5) + (6 + 7))) - 8!) \times 9 &= ((9 \times (8! - 7!)) + 6) + (5! - (((4!/3!)/2) - 1)) \\
 297488 &:= 1 - (((2 \times (3 + 4!)) + 5) \times (6 - 7! - 8)) - 9 &= 9 - (((8 + 7! - 6) \times (5 - 4^3)) - (2 - 1)) \\
 297489 &:= (1 + 2) \times (((3!! \times 4! - 5) \times 6) - (7 + 8!/9)) &= (9 - ((8 + 7! - 6) \times (5 - 4^3))) + (2 \times 1) \\
 297490 &:= (1 + ((2 + 3)! + ((45 + 6) \times 7!))) + (8! + 9) &= (9 - ((8 + 7! - 6) \times (5 - 4^3))) + (2 + 1) \\
 297491 &:= (((1 + 2 \times 3!!) \times (4! + 5)) + 6!) \times 7 - 8 \times 9 &= 9 \times 8 + ((7! + (6 - 5)) \times (((4! + 3!) \times 2) - 1))
 \end{aligned}$$

$$\begin{aligned}
 297492 &:= (((((12 + 3!) \times 4!) + 5) + 6^7) - 8) - 9 &= (9 \times (8! - (((7 + 6!) \times (5 + 4)) + 3!))) - 21 \\
 297493 &:= (1 + (23 \times (4 - 5!))) + (67 \times (8!/9)) &= (9 - ((8 + 7! - 6) \times (5 - 4^3))) + (2 + 1)! \\
 297494 &:= 1 \times (2 \times (3! + ((4! + 5) \times ((6! \times 7) + 89)))) &= ((9 + 8!) \times 7) + (((6^5 \times 4) - 3!)/2) - 1 \\
 297495 &:= (((1 + 2)!^{3!})/4) + (5 \times 6! + 7 \times 8! - 9) &= 9 - ((8! - ((7! + 6 + 5!) \times (4! + 3))) \times (2 + 1)) \\
 297496 &:= 1 - ((2 + (3! + (((4 + 5) \times (6! + 7)) - 8!))) \times 9) &= ((9 + 8!) \times 7) + (((6^5 \times 4) - 3!)/2) + 1 \\
 297497 &:= ((1 - ((2 \times 3!)/4)) + 5^6) + (7 \times 8! - 9) &= (9 + 8 - (7 \times 6!)) + (5! \times (((4 + 3)!/2) + 1)) \\
 297498 &:= ((1 + 2 \times 3! - 4!) \times (5 \times 6 \times 7)) - 8 \times 9 &= ((9 \times (8! - 7!)) + 6!) - (5 + (((4! \times 3!)^2) + 1)) \\
 297499 &:= (((1 + 2)^{3!}) \times 4!) - (5 - 6^7) + 8 \times 9 &= (((9 \times (8! - 7!)) + (6! - 5)) - ((4! \times 3!)^2)) \times 1 \\
 297500 &:= (1 - (((2 \times 3!)^4) + 5)) + (6! - ((7! - 8!) \times 9)) &= ((9 \times (8! - 7!)) + 6!) - ((5 + ((4! \times 3!)^2)) - 1) \\
 297501 &:= 1 - (((2 - (3! + 4!)) \times (5 - 6!)) + ((7! - 8!) \times 9)) &= (9 \times (8! - 7!)) - (((6! - 5) \times (4 + (3! - 2)!)) - 1) \\
 297502 &:= -1 \times (2 - (3! \times (4! - (5! - (6! \times (78 - 9)))))) &= ((9 \times 8 \times (((7! - 6!)/5!) + 4^{3!})) - 2) \times 1 \\
 297503 &:= ((1 + 2)!! + ((3! + 4) \times (5!/6))) + (7 \times (8! + 9)) &= ((9 \times (8! - 7!)) + (6!/5)) - (((4!/3)!/2) + 1) \\
 297504 &:= (1 + 2)!! - (3! \times (4! \times 5! - ((6! + 7) \times 8 \times 9))) &= (9 \times (8!/7)) + (6 \times ((5^4) + ((3! + 2)! - 1))) \\
 297505 &:= (1 - (((2 \times 3!)^4) - 5! \times 6)) - ((7! - 8!) \times 9) &= ((9 \times (8! - 7!)) + (6!/5)) - (((4!/3)!/2) - 1) \\
 297506 &:= 1 \times (2 + (3! \times (4! - (5! - (6! \times (78 - 9)))))) &= ((9 \times 8 \times (((7! - 6!)/5!) + 4^{3!})) + 2) \times 1 \\
 297507 &:= (1 + 2) \times (((3!)/4) + 5) \times (67 \times 8) + 9 &= ((9 \times 8 \times (((7! - 6!)/5!) + 4^{3!})) + 2) + 1 \\
 297508 &:= (((12 + 3!) \times 4!) + 5) + (6^7 + 8) - 9 &= ((9 \times (8! - 7!)) + 6!) + (5 - (((4! \times 3!)^2) + 1)) \\
 297509 &:= (((1 + 2)^{3!}) \times 4!) + (5 + 6^7) + 8 \times 9 &= (((9 \times (8! - 7!)) + (6! + 5)) - ((4! \times 3!)^2)) \times 1 \\
 297510 &:= (1 - (((2 \times 3!)^4) - 5)) + (6! - ((7! - 8!) \times 9)) &= ((9 \times (8! - 7!)) + 6!) + (5 - (((4! \times 3!)^2) - 1)) \\
 297511 &:= -1 - ((2 \times (3! \times (4 + 5 \times (6 - 7!)))) + 8!/9) &= ((9 \times (8!/7)) + (6 \times ((5^4) + (3! + 2)!))) + 1 \\
 297512 &:= 1 - (2 + ((3! + (((4 + 5) \times (6! + 7)) - 8!)) \times 9)) &= 9 + ((8! \times 7 + ((6^5 - 4! \times 3!) \times 2)) - 1) \\
 297513 &:= 1 - ((2 \times (3! \times (4 + 5 \times (6 - 7!)))) + 8!/9) &= (9 + (8! \times 7 + (6 \times 5!))) + (4!^3 + (2 + 1)!!) \\
 297514 &:= ((1 + ((2 + (3^4 \times 5)) \times 6!)) - 7) + 8!/9 &= 9 + (8! \times 7 + (((6^5 - 4! \times 3!) \times 2) + 1)) \\
 297515 &:= ((1 - ((2 \times 3!)/4)) + 5^6) + (7 \times 8! + 9) &= ((9 + 8 \times 7) + 6!) \times (((5 \times 4) + 3!)/2) - 1 \\
 297516 &:= ((1 + 2) - (3! \times 4!)) - (((5! - 6^7)/8) \times 9) &= (9 \times (8!/7)) + (6 \times ((5^4) + ((3! + 2)! + 1))) \\
 297517 &:= ((((((12 \times 3!) + 4) \times 5) - 6!) \times 7) + 8) + 9 &= 98 + ((7! + (6 - 5)) \times (((4! + 3!) \times 2) - 1)) \\
 297518 &:= -1 - (((2 + (3 \times 4!)) - 5) \times (6! - (7! - 8!))) + 9 &= 9 - (((8 + 7) - 6!) \times ((5! + (4 + 3!))/2)) + 1 \\
 297519 &:= 1 \times (((2 + 3!)! + (4! - (5 \times 6!))) \times 7) + 8! - 9 &= (9 \times (8! - (((7 + 6!) \times (5 + 4)) + 3!))) + (2 + 1)! \\
 297520 &:= 1 - (((2 + (3 \times 4!)) - 5) \times (6! - (7! - 8!))) + 9 &= 9 - (((8 + 7) - 6!) \times ((5! + (4 + 3!))/2)) - 1 \\
 297521 &:= (1 - (((2 + 3)! \times (4 \times (5! - 6!))) - 7!)) + 8!/9 &= (9 \times (8! - (7! + (((6! + (5 \times 4)) \times 3) + 2)))) - 1 \\
 297522 &:= ((1 + 2)!^{3+4}) + (((5^6 + 7)/8) \times 9) &= (9 \times (8! - (7! + (((6! + (5 \times 4)) \times 3) + 2)))) \times 1 \\
 297523 &:= 1 - (((2 \times 3! + 4) \times 5) + (6 \times 7 - 8!)) \times 9 &= (9 \times (8! - (7! + (((6! + (5 \times 4)) \times 3) + 2)))) + 1 \\
 297524 &:= (((-1 + ((2 + 3!) \times (4 \times 5!))) \times 67) + 8!) - 9 &= 9 + (8 - (7 \times ((6! \times (5 - 4^3)) - 21))) \\
 297525 &:= (12 - (3! \times 4!)) - (((5! - 6^7)/8) \times 9) &= (98 \times (((7! \times 6) + 5!)/(4 + 3!))) - (2 + 1) \\
 297526 &:= (((1 + ((2 + 3!)! + (4! - (5 \times 6!)))) \times 7) + 8!) - 9 &= ((9 + 8!) \times 7) + (((6! + 5) \times (4! - 3)) - (2 \times 1)) \\
 297527 &:= 1 \times (((2 + (3^4 \times 5)) \times 6!) + (7 + 8!/9)) &= ((9 + 8!) \times 7) + (((6! + 5) \times (4! - 3)) - (2 - 1)) \\
 297528 &:= (1 + (((2 + (3^4 \times 5)) \times 6!) + 7)) + 8!/9 &= ((9 + 8!) \times 7) - ((6! + 5) \times (4 - ((3! - 2)! + 1))) \\
 297529 &:= ((1 + ((2 + 3! \times 4!) \times 5!)) + 6^7) + 8 \times 9 &= 9 - ((8 - (7! \times 6 - (5! \times 4))) \times (3^2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 297530 &:= 1 \times (2 - (((3 - 4!) \times (5 + 6!)) - (7 \times (8! + 9)))) &= 9 + 8! - (7 \times (6! \times 5 - (4! + ((3! + 2!) - 1)))) \\
 297531 &:= 1 + (2 - (((3 - 4!) \times (5 + 6!)) - (7 \times (8! + 9)))) &= ((9 + 8!) \times 7) + (((6! + 5) \times (4! - 3)) + (2 + 1)) \\
 297532 &:= ((1 + ((2^{3+4} \times 5!)) - 6) + (7 \times (8! - 9))) &= (-9 - ((87 \times ((6 - 5!) \times (4! + 3!))) - 2)) - 1 \\
 297533 &:= -1 - (2 \times (3 + (((4! \times (5 - 6!)) + 7!/8) \times 9))) &= ((9 \times (8! - (7! - 6))) + 5!) - (((4!/3)!/2) + 1) \\
 297534 &:= ((1 + 2)! - (3!! \times 4!)) - (5! - ((6^7/8) \times 9)) &= (9 \times (8!/7 + 6)) + (5! \times (4^{3!}/2 - 1)) \\
 297535 &:= 1 - (2 \times (3 + (((4! \times (5 - 6!)) + 7!/8) \times 9))) &= ((9 \times (8! - (7! - 6))) + 5!) - (((4!/3)!/2) - 1) \\
 297536 &:= 1 \times (2^{3!} \times (((4 + 5) + 6!) - ((7! - 8!)/9))) &= 9 + 8! - ((7 \times (6! \times 5 - (4! + (3! + 2!)))) + 1) \\
 297537 &:= (((1 \times 2 + 3!)! + (4! - (5 \times 6!))) \times 7) + (8! + 9) &= (((9 \times (8 + 7)) + 6!) \times ((5! - 4) \times 3)) - (2 + 1) \\
 297538 &:= (1 + (((2 + 3!)! + (4! - (5 \times 6!))) \times 7) + 8!) + 9 &= (9 - (((8 - (7! - 6!)) \times (5 + 4^3)) - 2)) - 1 \\
 297539 &:= 1 - (2 + (((3!!/4) - (5 \times 6!)) \times (78 + 9))) &= (9 - (((8 - (7! - 6!)) \times (5 + 4^3)) - 2)) \times 1 \\
 297540 &:= 1 \times 2 \times (3! \times ((4! + 5) \times (6! + ((7 + 8) \times 9)))) &= (9 - (((8 - (7! - 6!)) \times (5 + 4^3)) - 2)) + 1 \\
 297541 &:= (-1 + 234) \times (5! + ((6 + 7) \times 89)) &= (9 \times 8 \times (7! - 6!)) - (((5!/4)^3)/2) - 1 \\
 297542 &:= (1 - (2 \times (3 + 4!))) \times (56 - ((7!/8) \times 9)) &= (((9 \times (8 + 7)) + 6!) \times ((5! - 4) \times 3)) + 2 \times 1 \\
 297543 &:= ((1 + ((2 + 3) \times 4!)) \times 5!) + (6! + (7 \times (8! + 9))) &= (((9 \times (8 + 7)) + 6!) \times ((5! - 4) \times 3)) + 2 + 1 \\
 297544 &:= (((1 + ((2 + 3!)! + (4! - (5 \times 6!)))) \times 7) + 8!) + 9 &= 9 + 8! - (7 \times (6! \times 5 - (4! + ((3! + 2!) + 1)))) \\
 297545 &:= 1 - (2 - (((3!! - 4) \times 5!) - (6 \times (7! - 8! + 9)))) &= 9 - (8 \times (7 - (((6! - 5!) \times ((4^3) - 2)) - 1))) \\
 297546 &:= 1 \times 2 \times (3 - (((4! \times (5 - 6!)) + 7!/8) \times 9)) &= (9 + 8! - (7! + 6)) + ((5! + (4^{3^2})) - 1) \\
 297547 &:= (1 - (2^{3!} \times 4 - 5^6)) + (7 \times (8! - 9)) &= (9 \times ((8!/7) - 6)) + ((5! \times (4^{3!}/2)) + 1) \\
 297548 &:= 1 \times ((2 + ((3!! - 4) \times 5!)) - (6 \times (7! - 8! + 9))) &= (9 + 8! - (7! + 6)) + (5! + ((4^{3^2}) + 1)) \\
 297549 &:= 1 + ((2 + ((3!! - 4) \times 5!)) - (6 \times (7! - 8! + 9))) &= ((9 + 8) \times (((7!/6!)^5 - (4! - 3!))) - 2 \times 1 \\
 297550 &:= 1 - ((2 + (((3! + 4) \times (5 + 6!)) + 7 - 8!)) \times 9) &= (9 + 8! \times 7) - ((6 + 5) \times (((4! - 3!!) \times 2) + 1)) \\
 297551 &:= (((1 + 2)^{3!}) \times 4!) + (5! + 6^7) + (8 - 9) &= (((98 \times ((7 + 6!) - 5!)) + 4!) \times (3 + 2)) + 1 \\
 297552 &:= 1 \times (2 \times (3! - (((4! \times (5 - 6!)) + 7!/8) \times 9))) &= (9 + 8! - (7 \times 6!)) + ((5! + (4^{3^2})) - 1) \\
 297553 &:= 1 + (2 \times (3! - (((4! \times (5 - 6!)) + 7!/8) \times 9))) &= ((9 + 8) \times (((7!/6!)^5 - (4! - 3!))) + (2 \times 1) \\
 297554 &:= (((1 + (2 \times (3!! - 4!))) \times (5 + 6)) + 7 \times 8!) - 9 &= (9 + 8! - (7 \times 6!)) + (5! + ((4^{3^2}) + 1)) \\
 297555 &:= (1 + 2) \times (((3! - (4! + 5)) \times (6! - (7! - 8))) + 9) &= (9 \times (8! - (7! + (6! + 5)))) - ((4!/3)!/(2 + 1)) \\
 297556 &:= (1 - ((2 + 3!!) \times 4!)) - ((5 - (6^7/8)) \times 9) &= -98 - (7 \times ((6 - 5!) \times (((4! + 3!)/2) + 1))) \\
 297557 &:= (-1 - (2 \times (3!^4 + 5))) + (67 \times (8!/9)) &= (9 + ((8!/7!) \times ((6! - 5) \times 4))) \times (3! \times 2 + 1) \\
 297558 &:= 1 \times ((2 - ((3 \times (4 \times 5 + 6!)) + 7! - 8!)) \times 9) &= (9 + 8! - (7! - 6)) + ((5! + (4^{3^2})) - 1) \\
 297559 &:= 1 + ((2 - ((3 \times (4 \times 5 + 6!)) + 7! - 8!)) \times 9) &= (9 + 8! - (7! - 6)) + (5! + (4^{3 \times (2+1)})) \\
 297560 &:= 1 \times ((2 + 3!) \times ((45 \times (6! + 7)) + 8!/9)) &= (9 + 8! - (7! - 6)) + (5! + ((4^{3^2}) + 1)) \\
 297561 &:= ((1 \times 2 - 3!!) \times 4!) - (((5! - 6^7)/8) \times 9) &= ((9 + 8! \times 7) - ((6 + 5) \times ((4! - 3!!) \times 2))) \times 1 \\
 297562 &:= (1 + ((2 - 3!!) \times 4!)) - (((5! - 6^7)/8) \times 9) &= ((9 + 8! \times 7) - ((6 + 5) \times ((4! - 3!!) \times 2))) + 1 \\
 297563 &:= 1 + (2 - (((3 \times (4 \times 5)) \times (6 - 7!)) + 8!/9)) &= (9 - 8) \times (7 \times (6! + ((5 + 4!) \times (3!! \times 2 + 1)))) \\
 297564 &:= (((1 + 2 \times 3!!) \times (4! + 5)) + 6!) \times 7 - (8 - 9) &= ((9 \times (8! - (7 + ((6! + 5) \times (4 + 3!)))) - 2) - 1 \\
 297565 &:= (1 + ((2 + 3^4) \times (5 \times 6! - (7 + 8)))) + 9 &= ((9 \times (8! - (7 + ((6! + 5) \times (4 + 3!)))) - 2) \times 1 \\
 297566 &:= 1 - (2 + (((3! + 4) \times (5 + 6!)) + 7 - 8!) \times 9) &= ((9 + 8!) \times 7) + (((6^5 - 4! \times 3!) \times 2) - 1) \\
 297567 &:= 1 \times (((2 - (3 \times 4)) \times (5 + 6!)) - (7 - 8!)) \times 9 &= (9 \times ((8! + 7) - 6^5)) + ((4!^3)/(2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 297568 &:= 1 + (((2 - (3 \times 4)) \times (5 + 6!)) - (7 - 8!)) \times 9 &= ((9 + 8!) \times 7) + (((6^5 - 4! \times 3!) \times 2) + 1) \\
 297569 &:= ((1 - (2 \times 3! \times 4!)) + 5^6) + (7 \times 8! - 9) &= 9 + (8 \times (7! \times 6 - (5 \times (((4! - 3!)) \times 2) + 1))) \\
 297570 &:= ((1 + ((2 \times 3!)/4)) \times (5! + 6!)) - ((7!/8) \times 9) &= (9 \times (8!/7)) + ((6 \times 5) \times ((4^{3!} \times 2) - 1)) \\
 297571 &:= (1 + ((2 - 3 \times 4!) \times (5 + 6! - 7!))) - 8!/9 &= 9 - (8 + ((7 \times (6 \times 5)) \times (4! - (3!! \times 2 + 1)))) \\
 297572 &:= (((1 + (2 \times (3!! - 4!))) \times (5 + 6)) + 7 \times 8!) + 9 &= (9 + 8! \times 7) - ((6 + 5) \times (((4! - 3!)) \times 2) - 1) \\
 297573 &:= (1 + 2)! - (((3! + 4) \times (5 + 6!)) + 7 - 8!) \times 9 &= (9 \times (8! - (7 + ((6! + 5) \times (4 + 3!)))) + (2 + 1)!) \\
 297574 &:= (1 - ((2 \times 3!^4) - 5)) + (67 \times (8!/9)) &= (9 \times 8 \times (7! - 6! + 5)) - (4!^3 + 2 \times 1) \\
 297575 &:= (1 + 2)!! - (((3 + 4)!) + (5^6 + ((7! - 8!) \times 9))) &= (9 \times 8 \times (7! - 6! + 5)) - (4!^3 + (2 - 1)) \\
 297576 &:= ((1 \times 2 - 3!!) \times 4!) - (5! - ((6^7/8) \times 9)) &= (9 + 8! - 7!) + ((6!/5 + (4^{3^2})) - 1) \\
 297577 &:= (1 + ((2 - 3!!) \times 4!)) - (5! - ((6^7/8) \times 9)) &= ((9 + 8! - (7! - 6!/5)) + (4^{3^2})) \times 1 \\
 297578 &:= (1 - 2) + (3 \times (((4! + 5!) \times 6!) - (7 + 8!/9))) &= (9 + 8! - 7!) + (6!/5 + ((4^{3^2}) + 1)) \\
 297579 &:= 12 - (((3! + 4) \times (5 + 6!)) + 7 - 8!) \times 9 &= ((9 + 8 - 7) \times (((6! \times (5! + 4))/3) - 2)) - 1 \\
 297580 &:= (((((1 + 2 \times 3!!) \times (4! + 5)) + 6!) \times 7) + 8) + 9 &= 9 + 8 + (7 \times (6! + ((5 + 4!) \times (3!! \times 2 + 1)))) \\
 297581 &:= 1 \times (2 + (3 \times (((4! + 5!) \times 6!) - (7 + 8!/9))) &= ((9 + 8 - 7) \times (((6! \times (5! + 4))/3) - 2)) + 1 \\
 297582 &:= 1 + (2 + (3 \times (((4! + 5!) \times 6!) - (7 + 8!/9))) &= ((9 + 8!) \times 7) - (6! - (((5 \times 4^3) \times 2) - 1)) \\
 297583 &:= (-1 - 2^{3!}) + ((4! \times 5! + (6 \times (7! - 8!))) \times 9) &= (9 \times 8 \times (7! - 6!)) - (((5! - (4!/3!))^2) + 1) \\
 297584 &:= (-1 \times (2^{3!})) + ((4! \times 5! + (6 \times (7! - 8!))) \times 9) &= (9 \times (8! - (7! + 6!))) - (((5! + (4! - 3))^2) + 1) \\
 297585 &:= (1 - 2^{3!}) + ((4! \times 5! + (6 \times (7! - 8!))) \times 9) &= ((9 \times 8 \times (7! - 6!)) - ((5! - (4!/3!))^2)) + 1 \\
 297586 &:= 1 - (((2 \times ((3! \times 4) + 5 \times 6!)) + 7 - 8!) \times 9) &= (9 \times (8! - (7! + 6!))) - (((5! + (4! - 3))^2) - 1) \\
 297587 &:= 1 - ((2 \times 3! \times 4!) - (5^6 + (7 \times 8! + 9))) &= 9 + (8 - ((7 \times (6 \times 5)) \times (4! - (3!! \times 2 + 1)))) \\
 297588 &:= 1 \times (2 \times (3!! - ((4! + 5) \times (6 - (7! + 8 \times 9)))) &= (((((9 \times 8) + 7!) - 6) \times (5 + 4!)) + 3!!) \times 2 \times 1 \\
 297589 &:= 1 + (2 \times (3!! - ((4! + 5) \times (6 - (7! + 8 \times 9)))) &= (9 + 8! \times 7) - (65 \times (4 - (3!!/(2 + 1)))) \\
 297590 &:= (1 - ((2 \times (3!! \times (4 + 5!)))/6)) \times (7 - (8 + 9)) &= (9 + 8 - 7) \times (((6! \times (5! + 4)) - 3)/(2 + 1)) \\
 297591 &:= ((1 - (2 \times (3! \times (4 - (5 \times 6!)))) \times 7) - 8!/9 &= (9 - ((8! \times 7)/6!)) \times (((5 - 4!) \times 3) - ((2 + 1)!)) \\
 297592 &:= ((1 - 2 \times 3!) \times 4!) + (5^6 + 7 \times 8! - 9) &= (9 - (8 - 7)) \times (((6! - 5!) \times ((4^3) - 2)) - 1) \\
 297593 &:= 1 - (2 + ((3! - (4! \times 5! + (6 \times (7! - 8!)))) \times 9)) &= (9 \times (8!/7)) - (6 - ((5! \times (4^{3!}/2)) - 1)) \\
 297594 &:= 1 - ((2 + ((3 \times 4!) + 5)) \times (6! - (7 + 8!/9))) &= (9 \times (8!/7)) + (6 \times ((5 \times 4^{3!} \times 2) - 1)) \\
 297595 &:= 1 \times (((23 - 4) \times (5^6)) + (((7 + 8) - 9)!) &= (9 \times (8!/7)) - (6 - ((5! \times (4^{3!}/2)) + 1)) \\
 297596 &:= (1 - ((2 + 3!!) \times 4!)) - (5 - ((6^7/8) \times 9)) &= 9 + ((8! \times 7) - (((6 - (5! \times (4^3))) \times 2) + 1)) \\
 297597 &:= 1 + (2 - ((3! - (4! \times 5! + (6 \times (7! - 8!)))) \times 9)) &= (9 + 8! \times 7) - ((6 - (5! \times (4^3))) \times 2 \times 1) \\
 297598 &:= (1 + (((2^{3+4}) \times 5!) + 6)) + (7 \times 8! - 9) &= 9 + ((8! \times 7) - (((6 - (5! \times (4^3))) \times 2) - 1)) \\
 297599 &:= 1 - (2 + ((3!! + 4!) \times ((5 \times 6!)/(7 - 8) \times 9))) &= (9 \times (8!/7)) + (((6 \times 5) \times 4^{3!} \times 2) - 1) \\
 297600 &:= (1 \times 2 \times (3!! + 4!)) \times (5! - (6!/((7 - 8) \times 9))) &= (9 \times (8!/7)) + ((6 \times 5) \times (4^{3!} \times 2 \times 1)) \\
 297601 &:= (1 - (2^{3!} \times 4 - (5^6 + 7 \times 8!))) - 9 &= 9 - (8 \times (7! + (6! + ((5! \times ((4 - 3!)/2)) + 1)))) \\
 297602 &:= 1 - (2 - ((3!! \times 4 - (5 - (6 \times (7! - 8!)))) \times 9)) &= (((9 + 8 - 7) \times (((6! \times (5! + 4))/3)) + 2) \times 1 \\
 297603 &:= 1 + (2 - ((3!! + 4!) \times ((5 \times 6!)/(7 - 8) \times 9))) &= (((9 + 8 - 7) \times (((6! \times (5! + 4))/3)) + 2) + 1 \\
 297604 &:= ((1 + ((2^{3+4}) \times 5!)) - (6 - (7 \times 8!))) + 9 &= ((9 + 8!) \times 7) - ((6 + 5) \times (((4! - 3!)) \times 2) + 1) \\
 297605 &:= 1 \times (2 + ((3!! \times 4 - (5 - (6 \times (7! - 8!)))) \times 9)) &= (9 \times (8!/7)) + ((6 + (5! \times (4^{3!}/2))) - 1)
 \end{aligned}$$

$$\begin{aligned}
 297606 &:= (1 - ((2 + 3!) \times 4!)) + (5 + ((6^7/8) \times 9)) &= (((9 \times (8!/7)) + 6) + (5! \times (4^{3!}/2))) \times 1 \\
 297607 &:= 1 + (2 \times (3 + ((4 + 5!) \times ((6! \times (7 + 8))/9)))) &= (9 \times (8!/7)) + (6 + ((5! \times (4^{3!}/2)) + 1)) \\
 297608 &:= 1 \times ((2 \times (3! \times (4 - 5 \times (6 - 7!)))) - 8!/9) &= 9 - ((8 \times (7! + (6! + (5! \times ((4 - 3!)/2)))) + 1) \\
 297609 &:= (1 + (2 \times (3! \times (4 - 5 \times (6 - 7!)))) - 8!/9 &= (9 + (8! \times 7 + 6!)) + (((5! + (4 - 3!)^2) - 1) \\
 297610 &:= ((1 - 2 \times 3!) \times 4!) + (5^6 + (7 \times 8! + 9)) &= 9 - ((8 \times (7! + (6! + (5! \times ((4 - 3!)/2)))) - 1) \\
 297611 &:= 1 - (((2 + 3!) \times 4!) - (5^6 + (7 \times (8! - 9)))) &= (9 + ((8! - 7!) \times 6)) - ((5! \times (4 - 3!)) - (2 \times 1)) \\
 297612 &:= ((1 + 2) \times ((3^4 \times ((5! \times 6) + 7)) + 8!)) - 9 &= 9 - (8 + ((7 - (6! + (5! - 4))) \times (3!/2 - 1))) \\
 297613 &:= 1 + (2 \times (3! + ((4 + 5!) \times ((6! \times (7 + 8))/9)))) &= ((9 + 8! \times 7) + (((6 + 5)^4) + 3!)) + (2 + 1) \\
 297614 &:= 1 \times (2 - (((3! + (4^5 + 6)) \times 7) - 8!) \times 9) &= ((9 + 8!) \times 7) - (((6 + 5) \times ((4! - 3!) \times 2)) + 1) \\
 297615 &:= 1 + (2 - (((3! + (4^5 + 6)) \times 7) - 8!) \times 9) &= ((9 + 8!) \times 7) - ((6 + 5) \times ((4! - 3!) \times 2 \times 1)) \\
 297616 &:= (1 + (((2^{3+4}) \times 5!) + (6 + 7 \times 8!))) + 9 &= ((9 + 8!) \times 7) - (((6 + 5) \times ((4! - 3!) \times 2)) - 1) \\
 297617 &:= 1 + ((2 \times 3! + (4 \times (5! + 6! - 7))) \times 89) &= 9 - (8 \times (7! + (6! + ((5! \times ((4 - 3!)/2) - 1)))) \\
 297618 &:= (1 + 2)! - (((3! + (4^5 + 6)) \times 7) - 8!) \times 9 &= 9 + (((8! \times 7) - 6) + ((5! + (4!/3!))^2) - 1) \\
 297619 &:= (1 - (2^{3!} \times 4 - (5^6 + 7 \times 8!))) + 9 &= ((9 + 8) \times 7) \times (((6 + 5) \times 4) + 3!)^2 + 1) \\
 297620 &:= 1 \times (2 \times (((3! + 4!) - 5^6) \times (7 - (8 + 9)))) &= (9 + 8! \times 7) + (((6 + (5! \times (4^3))) \times 2) - 1) \\
 297621 &:= (1 - (2 \times ((3! + 4!) \times (5 - 6! \times 7)))) - 8!/9 &= ((9 + 8! - (7! \times 6)) \times (5 + 4!)) + ((3! + (2 - 1)))! \\
 297622 &:= ((12 \times (3 - 4!)) + 5^6) + (7 \times 8! + 9) &= (9 + 8! \times 7) + (((6 + (5! \times (4^3))) \times 2) + 1) \\
 297623 &:= 1 \times 2 + (3 \times (((4! + 5!) \times 6!) + (7 - 8!/9))) &= ((9 \times (8! - 7!)) + 6!) + (5! - (((4! \times 3!)^2) + 1)) \\
 297624 &:= 1 - ((2 \times ((3! + ((4! - 5^6) \times 7)) - 8!)) - 9) &= 9 - (((8!/7!) - 6!) \times ((5! - (4 - 3!)/2)) + 1) \\
 297625 &:= (1 - (((2 \times 3!)^4) - (5! + 6!))) - ((7! - 8!) \times 9) &= ((9 \times (8! - 7!)) + 6!) + (5! - (((4! \times 3!)^2) - 1)) \\
 297626 &:= ((1 + (2 \times (3! - 4!))) \times (5 + 6)) + (7 \times (8! + 9)) &= 9 - (((8!/7!) - 6!) \times ((5! - (4 - 3!)/2)) - 1) \\
 297627 &:= (1 + 2)! + (3 \times (((4! + 5!) \times 6!) + (7 - 8!/9))) &= (9 \times (8 \times 7! - ((6! + 5) \times (4 + 3!)))) - (2 + 1) \\
 297628 &:= (1 + 2)! - ((3!/4) - (5^6 + (7 \times (8! - 9)))) &= 9 + (8 - ((7 - (6! + (5! - 4))) \times (3!/2 - 1))) \\
 297629 &:= 1 - (2 + (((3! + 4) \times (5 + 6!)) - 7! \times 8) \times 9) &= (9 \times (8! - ((7! - 6) \times 5))) + ((4 \times (3! + 2)! - 1) \\
 297630 &:= ((1 \times 2 + 3!) \times 4) + (((5 \times (6 - 7!)) + 8!) \times 9) &= (9 + 8! \times 7) + ((6 + ((5! + (4!/3!))^2) - 1) \\
 297631 &:= (1 + ((2 + 3!) \times 4)) + (((5 \times (6 - 7!)) + 8!) \times 9) &= ((9 + 8! \times 7 + 6) + ((5! + (4!/3!))^2) \times 1) \\
 297632 &:= 1 \times (2 - (((3! + 4) \times (5 + 6!)) - 7! \times 8) \times 9) &= (9 \times (8! - 7!)) - (6 + (((5! + (4! - 3!)^2) + 1)) \\
 297633 &:= 1 + (2 - (((3! + 4) \times (5 + 6!)) - 7! \times 8) \times 9) &= ((9 \times (8! - 7!) - 6) - ((5! + (4! - 3!)^2) \times 1) \\
 297634 &:= ((1 + (2 + 3!)) \times 4) + (((5 \times (6 - 7!)) + 8!) \times 9) &= (9 \times (8! - 7!)) - ((6 + ((5! + (4! - 3!)^2) - 1) \\
 297635 &:= (1 + 2^{3!}) \times (4! - (5 - ((6! + 7! \times 8)/9))) &= 9 \times 8 + (7 \times (6! + ((5 + 4!) \times (3! \times 2 + 1)))) \\
 297636 &:= (1 + 2)! - (((3! + 4) \times (5 + 6!)) - 7! \times 8) \times 9 &= (9 \times (8 \times 7! - ((6! + 5) \times (4 + 3!)))) + (2 + 1)! \\
 297637 &:= (1 - 2 \times 3!) + ((4! \times 5! + (6 \times (7! - 8))) \times 9) &= ((98 - 7) + 6!) \times (5 + ((4 + 3!)/2 \times 1)) \\
 297638 &:= 1 - (2 - (((3 - (4 \times 5!)) \times (6 - 7!/8)) - 9)) &= (9 \times (8! - 7!)) - (((6 + (5 \times (4! + 3)))^2) + 1) \\
 297639 &:= 1 + ((2 + 3^4) \times ((5 \times (6! + (7 - 8))) - 9)) &= (9 \times (8! - 7!)) - ((6 + (5 \times (4! + 3)))^2 \times 1) \\
 297640 &:= 1 - (((2 \times 3! - (4 \times 5!)) \times (6 + 7!/8)) + 9) &= (9 \times (8! - 7!)) - (((6 + (5 \times (4! + 3)))^2) - 1) \\
 297641 &:= 1 \times ((2 + ((3 - (4 \times 5!)) \times (6 - 7!/8))) - 9) &= ((9 + 8! \times 7) + ((6! \times 5 + 4^{3!}) \times 2)) \times 1 \\
 297642 &:= 1 - ((2 + (3! \times 4! + 5)) - ((6^7/8) \times 9)) &= ((9 + 8! \times 7) + ((6! \times 5 + 4^{3!}) \times 2)) + 1 \\
 297643 &:= (1 + (((2 \times (3 + 4!)) + 5) \times (6 + 7!))) - 8 \times 9 &= ((9 + 8!) \times 7) - (65 \times (4 - (3!/(2 + 1))))
 \end{aligned}$$

$$\begin{aligned}
 297644 &:= 1 \times (2 - (3! - ((4! \times 5! + (6 \times (7! - 8))) \times 9))) &= (9 \times (8! - 7!)) + (6 - (((5! + (4! - 3))^2) + 1)) \\
 297645 &:= 1 \times ((2 - (3!! \times 4! + 5)) + ((6^7/8) \times 9)) &= (9 \times (8! - 7!)) + (6 - ((5! + (4! - 3))^2 \times 1)) \\
 297646 &:= 1 + ((2 - (3!! \times 4! + 5)) + ((6^7/8) \times 9)) &= (9 \times (8! - 7!)) + (6 - (((5! + (4! - 3))^2) - 1)) \\
 297647 &:= 1 \times 2 - (3 - ((4! \times 5! + (6 \times (7! - 8))) \times 9)) &= (9 \times (8! - 7!)) + (6^5 - (4!^3 \times 2 + 1)) \\
 297648 &:= 1 \times 2 \times ((3!! - (4! \times (5 - (6! - (7 \times 8)))) \times 9) &= (9 \times (8! - 7!)) + (6^5 - (4!^3 \times 2 \times 1)) \\
 297649 &:= ((1 + 2)! - (3!! \times 4!)) - (5 - ((6^7/8) \times 9)) &= (9 \times (8! - 7!)) + (6^5 - (4!^3 \times 2 - 1)) \\
 297650 &:= 1 - ((2 - 3) - ((4! \times 5! + (6 \times (7! - 8))) \times 9)) &= ((9 + 8!) \times 7) - (((6 - (5! \times (4^3))) \times 2) + 1) \\
 297651 &:= ((1 \times 2 - 3!!) \times 4!) - ((5 - (6^7/8)) \times 9) &= ((9 + 8!) \times 7) - ((6 - (5! \times (4^3))) \times 2 \times 1) \\
 297652 &:= 1 - (((2 + 3!! \times 4!) - 5) - ((6^7/8) \times 9)) &= ((9 + 8!) \times 7) - (((6 - (5! \times (4^3))) \times 2) - 1) \\
 297653 &:= 1 \times 2 + (3 + ((4! \times 5! + (6 \times (7! - 8))) \times 9)) &= (9 \times (8!/7 + 6)) + ((5! \times (4^{3!}/2)) - 1) \\
 297654 &:= (1 + 2) + (3 + ((4! \times 5! + (6 \times (7! - 8))) \times 9)) &= (9 \times (8!/7 + 6)) + (5! \times (4^{3!}/2 \times 1)) \\
 297655 &:= (1 \times 2 - (3!! \times 4!)) + (5 + ((6^7/8) \times 9)) &= (9 \times (8!/7 + 6)) + ((5! \times (4^{3!}/2)) + 1) \\
 297656 &:= 1 \times ((2 + ((3!! - 4) \times 5!)) - (6 \times (7! - 8! - 9))) &= 9 + ((8! \times 7 + ((6^5 - (4! \times 3)) \times 2)) - 1) \\
 297657 &:= 1 - ((2 + 3! \times 4!) - (5^6 + (7 \times (8! - 9)))) &= (9 + 8! \times 7) + ((6^5 - (4! \times 3)) \times 2 \times 1) \\
 297658 &:= ((1 + ((2^{3+4} \times 5!)) - 6) + (7 \times (8! + 9))) &= (9 + 8! \times 7) + (((6^5 - (4! \times 3)) \times 2) + 1) \\
 297659 &:= (1 \times 2 + ((3 - (4 \times 5!)) \times (6 - 7!/8))) + 9 &= (9 \times (8! - 7!)) + (((6! - (5! + (4!/3!)))/2) - 1) \\
 297660 &:= 1 \times ((2 - 3! \times 4!) + (5^6 + (7 \times (8! - 9)))) &= (9 \times (8! - 7!)) + ((6! - (5! + (4!/3!)))/2 \times 1) \\
 297661 &:= 1 + 2 \times 3! + ((4! \times 5! + (6 \times (7! - 8))) \times 9) &= (9 \times (8! - 7!)) + (((6! - (5! + (4!/3!)))/2) + 1) \\
 297662 &:= 1 \times (2 - ((3! + 4! + 5 \times 6!) \times (7 - 89))) &= (((9 + 8!) \times 7) + (((6 + 5)^4) + 3!)) - 2 \times 1 \\
 297663 &:= ((1 + 2) \times (((3 + 4)! + 5!)) + (6 + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + 6!) + (((5! + (4 - 3))^2) - 1) \\
 297664 &:= ((1 - 2 \times 3!) \times 4!) + (5^6 + (7 \times (8! + 9))) &= (9 + (8 \times (7 + ((6! - 5!) \times ((4^3) - 2)))) - 1 \\
 297665 &:= ((1 - (2 + 3!) \times 4!) + 5^6) + (7 \times 8! - 9) &= (9 + (8 \times (7 + ((6! - 5!) \times ((4^3) - 2)))) \times 1 \\
 297666 &:= ((1 + 2)! \times (3 - 4! \times 5!)) + ((6^7/8) \times 9) &= (9 + (8 \times (7 + ((6! - 5!) \times ((4^3) - 2)))) + 1 \\
 297667 &:= 12 - (((3 + 4)! + 5) \times ((6 + 7) - 8 \times 9)) &= (((9 + 8!) \times 7) + (((6 + 5)^4) + 3!)) + (2 + 1) \\
 297668 &:= 1 - ((2 + 3!) - (45 \times ((6! + (7 + 8)) \times 9))) &= (9 + (8! + 7!)) - (((6! + 5) \times ((4! - 3!)))/2) + 1) \\
 297669 &:= (1 \times 2 \times ((3!^4 - 5) \times 6)) + (7 \times (8! - 9)) &= (((((9 \times 8) + 7) \times 6) \times ((5^4) + 3)) - 2) - 1 \\
 297670 &:= (1 + (((2^{3+4} \times 5!) + 6)) + (7 \times (8! + 9))) &= (9 + (8! + 7!)) - (((6! + 5) \times ((4! - 3!)))/2) - 1) \\
 297671 &:= (1 \times 23) + ((4! \times 5! + (6 \times (7! - 8))) \times 9) &= (9 \times (8 + (7! + 6!))) + ((5! \times (4^{3!}/2)) - 1) \\
 297672 &:= 1 \times ((2 - 3^4) \times (5! - (6^7/(8 \times 9)))) &= (9 + 8! \times 7) + (((6^5 - 4^3) \times 2) - 1) \\
 297673 &:= (1 - (2^{3!} \times 4 - 5^6)) + (7 \times (8! + 9)) &= (9 \times (8 + (7! + 6!))) + ((5! \times (4^{3!}/2)) + 1) \\
 297674 &:= ((1 + 2)!! - 3!) + ((4! + 5) \times (6! + (7! + 8!/9))) &= (9 + 8! \times 7) + (((6^5 - 4^3) \times 2) + 1) \\
 297675 &:= (((1 + 2) - 3!!) \times 4!) - ((5 - (6^7/8)) \times 9) &= (((((9 \times 8) + 7) \times 6) \times ((5^4) + 3)) + 2) + 1 \\
 297676 &:= (((1 + 2)! \times (3 - 4!)) + 5^6) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) + (((6 + (5! \times (4^3))) \times 2) + 1) \\
 297677 &:= (1 + 2)!! - (3 - ((4! + 5) \times (6! + (7! + 8!/9)))) &= 9 + 8! + (((7! + 6) \times (54 - 3)) + 2 \times 1) \\
 297678 &:= 1 \times 2 - ((3!!/4) - (5^6 + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + ((6 + (5! + (4 - 3!)))^2)) - 1 \\
 297679 &:= (1 + 2) - ((3!!/4) - (5^6 + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + ((6 + (5! + (4 - 3!)))^2)) \times 1 \\
 297680 &:= (1 + (2 \times (3! + 4!))) \times ((5 \times 6! + 7! \times 8)/9) &= (((9 + 8!) \times 7) + ((6 + (5! + (4 - 3!)))^2)) + 1 \\
 297681 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times 6!)) - ((7! - 8!)/9) &= 9 + 8! + (((7! + 6) \times (54 - 3)) + (2 + 1!))
 \end{aligned}$$

$$\begin{aligned}
 297682 &:= 1 \times (2 + (3!! + ((4! + 5) \times (6! + (7! + 8!/9)))))) &= -9 + (((8! - 7!) \times 6) - 5) + (4^{3!} \times 21) \\
 297683 &:= 1 + (2 + (3!! + ((4! + 5) \times (6! + (7! + 8!/9)))))) &= 9 \times 8 - ((7 - (6! + (5! - 4))) \times (3!!/2 - 1)) \\
 297684 &:= ((1 + 2)! \times (3! - 4! \times 5!)) + ((6^7/8) \times 9) &= ((9 + 8!) \times 7) + ((6 + ((5! + (4!/3!))^2)) - 1) \\
 297685 &:= 1 - ((2 - ((3!! \times 45) + 678)) \times 9) &= (((9 + 8!) \times 7) + 6) + ((5! + (4!/3!))^2) \times 1 \\
 297686 &:= ((1 + 2)! + 3!!) + ((4! + 5) \times (6! + (7! + 8!/9))) &= ((9 + 8!) \times 7) + (6 + (((5! + (4!/3!))^2) + 1)) \\
 297687 &:= (((1 + 2) \times ((3! + 4)^5 + 6!)) + 7) - 8!/9 &= ((9 + 8) \times (7 + 6)) \times ((5^4) + (3!! + 2 \times 1)) \\
 297688 &:= 12 - ((3!!/4) - (5^6 + 7 \times 8! - 9)) &= ((((-9 + 8) + 7 \times 6) + 5!) \times (43^2)) - 1 \\
 297689 &:= ((1 + 2)^{3!}) + ((4! + 5) \times (6! + (7! + 8!/9))) &= 9 + (((8 + (7! \times 6)) - (5! \times 4)) \times (3^2 + 1)) \\
 297690 &:= (1 + 2) \times (((3!! \times 4! + 5) \times 6) - (7! \times 8/9)) &= (((((9 \times 8) + 7) \times 6) \times (5^4)) + 3!! \times 2) \times 1 \\
 297691 &:= 1 \times (((2 - 3!!) \times 4!) - 5) + ((6^7/8) \times 9) &= (((((9 \times 8) + 7) \times 6) \times (5^4)) + 3!! \times 2) + 1 \\
 297692 &:= 1 + (((2 - 3!!) \times 4!) - 5) + ((6^7/8) \times 9) &= (9 \times (8! - (7! - 6))) - (((5! + (4! - 3))^2) + 1) \\
 297693 &:= 1 - ((2 + (3!!/4)) - (5^6 + (7 \times 8! + 9))) &= (9 \times ((8 \times (7 \times 6) + 5)) \times ((4 \times (3! - 2)! + 1)) \\
 297694 &:= (((1 + 2)! \times (3! - 4!)) + 5^6) + (7 \times (8! - 9)) &= (9 \times (8! - (7! - 6))) - (((5! + (4! - 3))^2) - 1) \\
 297695 &:= (1 - ((2 \times 3^4) - 5^6)) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) + ((6! \times 5 + 4^{3!}) \times 2 \times 1) \\
 297696 &:= 1 \times ((2 - (3!!/4)) + (5^6 + (7 \times 8! + 9))) &= ((9 + 8!) \times 7) + ((6! - (5 - (4! - 3!))) \times 21) \\
 297697 &:= 1 + ((2 - (3!!/4)) + (5^6 + (7 \times 8! + 9))) &= 9 + 8! - 7 - ((6! + 5) \times (4 - (3!!/2 - 1))) \\
 297698 &:= (1 - ((2 \times ((3!!/4 \times (5 - 6!)) + 7)) - 8!)) - 9 &= 98 + ((7! \times 6 - (5! \times 4)) \times (3^2 + 1)) \\
 297699 &:= ((1 + 2)! - (3!! \times 4!)) + ((5 + (6^7/8)) \times 9) &= (9 + ((8! + (7 \times (6! + 5^4))) \times 3!)) - ((2 + 1)!!) \\
 297700 &:= (1 + 2^{3!}) \times (4 \times 5 + ((6! + 7! \times 8)/9)) &= ((98/7) + 6) \times (((5! - 4 + 3!)^2) + 1) \\
 297701 &:= 1 \times (((2 - 3!!) \times 4!) + 5) + ((6^7/8) \times 9) &= ((9 \times ((8 + 7!) \times 6)) + ((5 + 4!)^3)) + ((2 + 1)!!) \\
 297702 &:= (1 + ((2 - 3!!) \times 4!)) + (5 + ((6^7/8) \times 9)) &= (9 \times (8 + ((7 \times (6 + 5!)) + 4))) \times (3!^2 + 1) \\
 297703 &:= 1 \times (((2 \times ((3 + 4)^5) - 6!)) + 7!) \times 8 - 9 &= 9 - ((8 - 7!) - (6 \times (((5 + 4!)^3) \times 2) - 1)) \\
 297704 &:= 1 \times 2 - (((3! \times (4 \times 5! + (6! + 7))) - 8!) \times 9) &= 9 + 8 \times 7! - ((6! + 5) \times (4 - (3!!/2 - 1))) \\
 297705 &:= 1 - (((2 \times 3!!)/4) \times (5 - 6!)) + (7 - 8! + 9) &= (9 + (((87 \times 6!) + 5!) \times 4)) + (3!^{(2+1)!}) \\
 297706 &:= 1 \times (((2 - 3!) \times 4!) + (5^6 + (7 \times (8! - 9)))) &= 9 + ((8 \times ((7! \times 6) + ((5! + (4!^3))/2))) + 1) \\
 297707 &:= 1 + (((2 - 3!) \times 4!) + (5^6 + (7 \times (8! - 9)))) &= (9 - 8) \times ((7! + (6 \times (((5 + 4!)^3) \times 2))) - 1) \\
 297708 &:= (1 + 2)! - (((3! \times (4 \times 5! + (6! + 7))) - 8!) \times 9) &= 9 - ((8 - 7!) - ((6 \times (((5 + 4!)^3) \times 2)) - 1)) \\
 297709 &:= (12 \times 3!^4) - (5!/6 - (7 \times (8! - 9))) &= (9 - 8) \times (7! + ((6 \times (((5 + 4!)^3) \times 2)) + 1)) \\
 297710 &:= (((((1 + 2)! \times (3! + 4)) - 5) \times 6 \times 7) - 8!/9) &= ((9 + 8!) \times 7) + (((6^5 - (4! \times 3)) \times 2) - 1) \\
 297711 &:= ((1 + 2)! + ((3 \times (4! \times (5 \times (6! - 7)))) + 8! - 9) &= (9 + (8! + 7)) - ((6! + 5) \times (4 - (3!!/2 - 1))) \\
 297712 &:= (1 - (((2 \times 3!!)/4) \times (5 - 6!))) + (7! \times 8 - 9) &= ((9 + 8!) \times 7) + (((6^5 - (4! \times 3)) \times 2) + 1) \\
 297713 &:= (1 + 2^{3!}) + ((4! \times 5! + (6 \times (7! - 8))) \times 9) &= 9 + (8 \times ((7! \times 6) + (((5! + (4!^3))/2) + 1))) \\
 297714 &:= 1 \times 2 - (3! \times 4! - (5^6 + 7 \times 8! - 9)) &= (9 \times (8!/7)) - (6 - (5! \times (4^{3!}/2 + 1))) \\
 297715 &:= (1 - (2^{3!} + (4! - 5^6))) + (7 \times (8! - 9)) &= ((9 - 8) + 7!) + (6 \times (((5 + 4!)^3) \times 2) + 1) \\
 297716 &:= (1 - ((2 \times ((3!!/4 \times (5 - 6!)) + 7)) - 8!)) + 9 &= 9 - 8 - (((7! + 6) \times (5 - 4^3)) - (2 - 1)) \\
 297717 &:= (1 + 2)!! - ((3 \times (4 - (5! \times (6! - 7)))) - 8! - 9) &= 9 - ((8 + ((7! + 6) \times (5 - 4^3))) - (2 \times 1)) \\
 297718 &:= (1 + 2)! - (3! \times 4! - (5^6 + 7 \times 8! - 9)) &= 9 - ((8 + ((7! + 6) \times (5 - 4^3))) - 2 - 1) \\
 297719 &:= (1 - (((2 \times 3!!)/4) \times (5 - 6!))) + (7 + 8! - 9) &= (9 \times (8! - 7!)) + (((6 \times 5! - (4!/3!))/2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 297720 &:= (1 - ((2^{3!} \times (4^5 - 6 - 7!)) - 8!)) - 9 &= (9 \times (8! / (7! / 6!))) + (5! \times (4^{3!} / 2 + 1)) \\
 297721 &:= (1 - ((2 + 3!) \times 4!)) + (5! + ((6^7 / 8) \times 9)) &= (9 \times (8! - 7!)) + (((6 \times 5! - (4! / 3!)) / 2) + 1) \\
 297722 &:= 1 \times (2 - ((3 \times (4 \times 5)) \times (6 - (7! - 8 \times 9)))) &= 9 + 8! + ((7 - 6!) \times (5! - ((4 \times ((3 + 2)!) + 1))) \\
 297723 &:= 1 \times (2 - (3^4 - (5^6 + (7 \times (8! - 9)))))) &= 9 + 8! - 7 + (((6! - (5! / 4!)) \times 3! / 2) + 1) \\
 297724 &:= 1 + (2 - (3^4 - (5^6 + (7 \times (8! - 9)))))) &= 9 + ((8! \times 7) - ((6 - (5^4)) \times ((3! - 2)! + 1))) \\
 297725 &:= (((1 + 2) - 3!) \times 4!) + (5 + ((6^7 / 8) \times 9)) &= 9 + 8 + (7! + (6 \times (((5 + 4!)^3) \times 2 \times 1))) \\
 297726 &:= 1 \times ((2 - (3! - 4!)) \times 5! + (((6! - 7!) / 8) - 9)) &= ((9 + 8!) \times 7) + (((6^5 - 4^3) \times 2) - 1) \\
 297727 &:= 1 + ((2 - (3! - 4!)) \times 5! + (((6! - 7!) / 8) - 9)) &= 9 \times 8 + (((7 \times 6!) + 5) \times (((4! + 3!) \times 2) - 1)) \\
 297728 &:= (((1 + 2 \times 3!) \times 4^5) + 6^7) + 8! / 9 &= ((9 + 8!) \times 7) + (((6^5 - 4^3) \times 2) + 1) \\
 297729 &:= (1 - 2 - 3 \times 4!) + (5^6 + (7 \times (8! - 9))) &= 9 - ((8 - (7! / 6 - (5! / 4!))) \times (3! / 2 \times 1)) \\
 297730 &:= (1 - (((2 \times 3!) / 4) \times (5 - 6!))) + (7! \times 8 + 9) &= 9 - (((8 - (7! / 6 - (5! / 4!))) \times 3! / 2) - 1) \\
 297731 &:= (1 - (2 + 3!)) - (4! - (5^6 + (7 \times 8! + 9))) &= (9 \times (8 + 7!)) - (((6! + 5) \times ((4! - 3!) / 2)) + 1) \\
 297732 &:= 1 \times ((2 - 3 \times 4!) + (5^6 + (7 \times (8! - 9)))) &= 9 + 8! - ((7 - ((6 \times 5!) + 4)) \times (3! / 2 - 1)) \\
 297733 &:= 1 + ((2 - 3 \times 4!) + (5^6 + (7 \times (8! - 9)))) &= (9 \times (8 + 7!)) - (((6! + 5) \times ((4! - 3!) / 2)) - 1) \\
 297734 &:= 1 - (2 - (((3 + 4)! - (5 + 6!)) \times (78 - 9))) &= 9 + (8 - (((7! + 6) \times (5 - 4^3)) - 2 - 1)) \\
 297735 &:= (1 - 2^{3!}) - (4 - (5^6 + (7 \times (8! - 9)))) &= (9 + (8! + 7)) + (((6! - (5! / 4!)) \times 3! / 2) - 1) \\
 297736 &:= 1 - (((2 + 3!) \times 4!) - (((5! + 6^7) / 8) \times 9)) &= 9 - 8 + ((7! - (6! + 5)) \times ((4! \times 3) - 2 - 1)) \\
 297737 &:= ((1 - (2 + 3!) \times 4!) + 5^6) + (7 \times (8! + 9)) &= (9 + (8! + 7)) + (((6! - (5! / 4!)) \times 3! / 2) + 1) \\
 297738 &:= 1 \times (((2 \times (3! - (4! - (5 + 6! - 7!)))) + 8!) \times 9) &= (9 + 8! - (7! - ((6! + 5) \times ((4 + 3!) / 2)))) - 1 \\
 297739 &:= 1 + (((2 \times (3! - (4! - (5 + 6! - 7!)))) + 8!) \times 9) &= (9 + 8! - (7! - ((6! + 5) \times ((4 + 3!) / 2)))) \times 1 \\
 297740 &:= ((1 + 2)! \times 3!) - (4 \times ((5 + 6! - 7!) \times (8 + 9))) &= (9 + 8! \times 7) + (((6^5 - (4! + 3!)) \times 2) - 1) \\
 297741 &:= 1 \times ((2 \times ((3!^4 - 5) \times 6)) + (7 \times 8! + 9)) &= (9 + 8! \times 7) + ((6^5 - (4! + 3!)) \times 2 \times 1) \\
 297742 &:= (1 + ((2 - 3!) \times 4!)) + ((5 + (6^7 / 8) \times 9) &= 9 + (8! \times 7 + (((6^5 - (4! + 3!)) \times 2) + 1)) \\
 297743 &:= (1 - 2^{3!}) + (4 + (5^6 + (7 \times (8! - 9)))) &= 9 + (8 - (((7! - 6) \times (5 - 4^3)) - ((2 + 1)!))) \\
 297744 &:= (1 - (2 \times ((3! / 4) \times (5 - 6!)) - 7)) + (8! + 9) &= ((9 + 8! + (7 \times (6! + 5^4))) \times 3!) - ((2 + 1)!)! \\
 297745 &:= 1 - ((23 \times ((4! \times (5 + 6! - 7!)) / 8)) - 9) &= (9 \times (8! - 7!)) + (6! - (5 \times (4^{3!} + (2 + 1)))) \\
 297746 &:= -1 + ((2 + (3! + (45 \times (6! + (7 + 8)))))) \times 9 &= 9 + ((8! \times 7 + ((6^5 - (4! + 3)) \times 2)) - 1) \\
 297747 &:= (((1 + 2)! - 3!) \times 4!) - ((5 - (6^7 / 8)) \times 9) &= (9 \times (8! - (7 + ((6! - 5) \times (4 + 3!)))) - ((2 + 1)!)! \\
 297748 &:= (((1 + 2)! \times (3! - 4!)) + (5^6 + 7 \times 8!)) - 9 &= 9 + (8! \times 7 + (((6^5 - (4! + 3)) \times 2) + 1)) \\
 297749 &:= (1 - (2 \times (3 + 4!))) + (5^6 + (7 \times (8! - 9))) &= (9 \times (8! - 7!)) + (6! - ((5 \times (4^{3!} + 2)) + 1)) \\
 297750 &:= 1 \times ((2 - (3! / 4)) + (5^6 + (7 \times (8! + 9)))) &= (((9 \times (8! - 7!)) + 6!) - (5 \times (4^{3!} + 2))) \times 1 \\
 297751 &:= 1 + ((2 - (3! / 4)) + (5^6 + (7 \times (8! + 9)))) &= (9 \times (8! - 7!)) + (6! - ((5 \times (4^{3!} + 2)) - 1)) \\
 297752 &:= (1 + ((2 \times 3! \times 4!) + 5!)) \times (6! + (7 - 8 + 9)) &= (9 + 8! \times 7) + (((6^5 - (4 \times 3!)) \times 2) - 1) \\
 297753 &:= 1 \times (((2 \times 3! - 4!) \times (5 + 6)) + (7 \times (8! - 9))) &= (9 - 8) \times (((((7 \times (6 + 5)) - 4!)^3) \times 2) - 1) \\
 297754 &:= (1 + 2)! - ((3! / 4) - (5^6 + (7 \times (8! + 9)))) &= 9 + (8! \times 7 + (((6^5 - (4 \times 3!)) \times 2) + 1)) \\
 297755 &:= 1 - (2 - (((((3 \times 4) - 5!) \times 67) + 8!) \times 9)) &= (9 \times (8! - 7!)) - (6! + (((5! + (4! - 3!))^2) + 1)) \\
 297756 &:= 1 \times 2 \times (3 \times (((4^5 \times 6) - 7! / 8) \times 9)) &= (9 \times (8! - 7!)) - (6! + ((5! + (4! - 3!))^2 \times 1)) \\
 297757 &:= 1 - ((23 \times (45 - 6!)) - (7 \times 8! - 9)) &= (9 \times (8! - 7!)) - ((6! + ((5! + (4! - 3!))^2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 297758 &:= ((1 - 2 \times 3!) \times 4) + (5^6 + (7 \times (8! - 9))) &= 9 + ((8! \times 7 + ((6^5 - (4! - 3)) \times 2)) - 1) \\
 297759 &:= (1 - (2 \times (3^4 - ((5 \times 6) \times 7!))) - 8!/9 &= (9 \times (8! - 7!)) + (6! - ((5 \times 4^3!) + (2 - 1))) \\
 297760 &:= 1 \times ((2 + ((3!! + 4!) \times 5)) \times ((6! + 7!)/(8 \times 9))) &= 9 + (8! \times 7 + (((6^5 - (4! - 3)) \times 2) + 1)) \\
 297761 &:= (1 + ((2 + (3 \times 4!)) \times (5 \times 6!))) + (7 \times 8!/9) &= (((9 \times (8! - 7!)) + 6!) - ((5 \times 4^3!) - 2)) - 1 \\
 297762 &:= (1 + (23^4)) + (((5 + 6 - 7) \times 8!)/9) &= (((9 \times (8! - 7!)) + 6!) - ((5 \times 4^3!) - 2)) \times 1 \\
 297763 &:= (1 - 2^{3!}) + (4! + (5^6 + (7 \times (8! - 9)))) &= (((9 \times (8! - 7!)) + 6!) - ((5 \times 4^3!) - 2)) + 1 \\
 297764 &:= ((1 + 2 \times 3!! - 4!) \times (5 + 6)) + (7 \times (8! - 9)) &= (9 + 8! \times 7) + (((6^5 - (4! - 3!)) \times 2) - 1) \\
 297765 &:= 1 \times (((2 \times (3 - (4! + 5 \times 6!))) + 7 + 8!) \times 9) &= (9 + 8! \times 7) + (((6^5 - (4! - 3!)) \times 2 \times 1) \\
 297766 &:= 1 - (((2 \times ((3!! + 4) \times 5) - 6) + 7 - 8!) \times 9) &= 9 + (8! \times 7 + (((6^5 - (4! - 3!)) \times 2) + 1)) \\
 297767 &:= 1 - 2 \times 3! - (4! - (5^6 + (7 \times (8! - 9)))) &= (98 \times (7 + ((6 + 5!) \times 4!))) + (3^{(2+1)!}) \\
 297768 &:= 1 \times 2 \times (3! \times (4 - (5 \times (6 - (7! - 8 \times 9)))) &= (9 + ((8! + 7!) \times 6)) + (((5! \times 4)/3)^2) - 1) \\
 297769 &:= (1 - (2^{3!} + (4! - (5^6 + 7 \times 8!)))) - 9 &= (9 \times (8! - 7!)) + (6! - ((5 \times (4^3! - 2)) + 1)) \\
 297770 &:= (1 \times 2 - (3!! \times 4!)) + (5! + ((6^7/8) \times 9)) &= (9 + ((8! + 7!) \times 6)) + (((5! \times 4)/3)^2) + 1) \\
 297771 &:= 1 \times (((2 \times 3!^4) - 5) \times 6) + (7 \times 8! + 9)) &= (9 \times (8! - 7!)) + (6! - ((5 \times (4^3! - 2)) - 1)) \\
 297772 &:= 1 + (((2 \times 3!^4) - 5) \times 6) + (7 \times 8! + 9)) &= (9 \times ((8 + 7!) \times 6)) - (5 \times (4 - ((3! + (2 - 1))!))) \\
 297773 &:= 1 \times ((2 + ((3 + 4)!) + 5)) \times (6 \times 7 + 8 + 9)) &= ((9 + 8!) \times 7) + ((6 + (5! + 4)) \times (((3 + 2)!) - 1)) \\
 297774 &:= 1 \times 2 - ((3! + 4!) - (5^6 + (7 \times (8! - 9)))) &= (9 \times (8!/7 + 6)) + (5! \times (4^3!/2 + 1)) \\
 297775 &:= (1 + 2) - ((3! + 4!) - (5^6 + (7 \times (8! - 9)))) &= (9 \times (8! - 7!)) + (6! - (5 \times (4^3! - 2 - 1))) \\
 297776 &:= ((1 + 2)!) + (3!!/4 \times 5!) + (6^7 - 8!/9) &= 9 + ((8! \times 7 + ((6^5 - (4 \times 3)) \times 2)) - 1) \\
 297777 &:= (1 \times 2 - 3^4) + (5^6 + 7 \times 8! - 9) &= (9 + 8! \times 7) + ((6^5 - (4 \times 3)) \times 2 \times 1) \\
 297778 &:= 1 - (((2 + (3! \times 4)) \times (5! - 6!)) - (7 \times (8! - 9))) &= ((9 + 8!) \times 7) - ((6 - (5^4)) \times ((3! - 2)! + 1)) \\
 297779 &:= 1 + (((2 - 3) \times 4!) + (5^6 + (7 \times (8! - 9)))) &= (9 \times (8! - 7!)) + (((6! + (5! - (4!/3!)))/2) - 1) \\
 297780 &:= (((1 \times 2 + 3!)! - (4 \times (5 - 6!))) \times 7) - 8!/9 &= (9 + 8! \times 7) + (((6^5 - (4 + 3!)) \times 2) - 1) \\
 297781 &:= (1 + (((2 + 3!)! - (4 \times (5 - 6!))) \times 7)) - 8!/9 &= 9 \times 8 + (7! + ((6 \times ((5 + 4!)^3) \times 2)) + 1)) \\
 297782 &:= 1 - (2 + ((3^{4+5}) + (((6 + 7!) - 8!) \times 9))) &= (9 + 8! \times 7) + (((6^5 - (4 + 3!)) \times 2) + 1) \\
 297783 &:= 1 \times 2 + ((3 - 4!) + (5^6 + (7 \times (8! - 9)))) &= ((9 \times (8^{(7-6) \times 5})) + (4 \times (3!! - 2))) - 1 \\
 297784 &:= (1 + 2) + ((3 - 4!) + (5^6 + (7 \times (8! - 9)))) &= 9 + ((8! \times 7 + ((6^5 - 4!/3) \times 2)) - 1) \\
 297785 &:= (1 \times 2 - (3!! \times 4!)) + (((5! + 6^7)/8) \times 9) &= 9 + (8! \times 7 + ((6^5 - 4!/3) \times 2 \times 1)) \\
 297786 &:= ((1 \times 2 - 3 \times 4!) + 5^6) + (7 \times 8! - 9) &= ((9 \times 8) + 7!) + (6 \times (((5 + 4!)^3) \times 2) + 1)) \\
 297787 &:= (((1 + (2 + 3)!)! - (4 \times (5 - 6!))) \times 7) - 8!/9 &= 9 \times 8 - (((7! + 6) \times (5 - 4^3)) - (2 - 1)) \\
 297788 &:= (-12 \times 3!) + (4 + (5^6 + 7 \times 8! - 9)) &= ((9 \times 8) - ((7! + 6) \times (5 - 4^3))) + (2 \times 1) \\
 297789 &:= (1 - 2^{3!}) - (4 - (5^6 + 7 \times 8! - 9)) &= (((9 + 8) + (((7 \times (6 + 5)) - 4!)^3)) \times 2) + 1 \\
 297790 &:= 1 + ((2 \times ((3!^4 + 5) \times 6)) + (7 \times (8! - 9))) &= 9 + (8! \times 7 + (((6^{5!/4!}) - 3!) \times 2) + 1)) \\
 297791 &:= ((1 - ((2 - 3!) \times 4!)) \times 5) - (6 \times (7! - 8! + 9)) &= (9 \times (8 + 7!)) + (((6! + (5 - 4!)) \times 3!!/2) - 1) \\
 297792 &:= 1 - ((2 + 3^4) - (5^6 + (7 \times 8! + 9))) &= (9 \times (8 + (7! + 6!))) + (5! \times (4^3!/2 + 1)) \\
 297793 &:= (((1 + 2) \times (3 - 4!)) + (5^6 + 7 \times 8!)) - 9 &= ((9 + 8! \times 7) + ((6^5 - (4!/3!)) \times 2)) \times 1 \\
 297794 &:= (1 \times 2 - 3!!) + ((4! \times 5! + (6 \times (7! + 8))) \times 9) &= 9 + (8! \times 7 + (((6^5 - (4!/3!)) \times 2) + 1)) \\
 297795 &:= (1 - 2 \times 3!) + (4 + (5^6 + (7 \times (8! - 9)))) &= ((9 + 8!) \times 7) + ((6^5 - (4! + 3!)) \times 2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 297796 &:= ((1+2) - (3^4 - (5^6 + 7 \times 8!))) + 9 &= ((9+8!) \times 7) + (((6^5 - (4!+3!)) \times 2) + 1) \\
 297797 &:= ((1 - (2 \times (3!+4!))) + (5^6 + 7 \times 8!)) - 9 &= 9 + (8! \times 7 + ((6^5 + (4-3!)) \times 2 \times 1)) \\
 297798 &:= 1 \times (((2-3) \times 4) + (5^6 + (7 \times (8!-9)))) &= (9+8! \times 7) + (((6^5 - (4-3)) \times 2) - 1) \\
 297799 &:= 1 + (((2-3) \times 4) + (5^6 + (7 \times (8!-9)))) &= (9+8! \times 7) - ((6^5 \times (4-3!)) + 2 \times 1) \\
 297800 &:= (1 - ((2^{3 \times 4} + 5^6)) - ((7! - 8!) \times 9) &= ((9+8!) \times 7) + (((6^5 - (4!+3)) \times 2) - 1) \\
 297801 &:= (1 - 2 - 3 \times 4!) + (5^6 + (7 \times 8! + 9)) &= (9 \times (8^{(7-6) \times 5})) + ((4 \times (3!! + 2)) + 1) \\
 297802 &:= 1 \times 2 - ((3! - 4) - (5^6 + (7 \times (8! - 9)))) &= ((9+8!) \times 7) + (((6^5 - (4!+3)) \times 2) + 1) \\
 297803 &:= (1 - (2 \times (3+4!))) + (5^6 + 7 \times 8! - 9) &= ((9+8! \times 7) - (6^5 \times (4-3!))) + (2 \times 1) \\
 297804 &:= ((1 \times 2 - 3 \times 4!) + 5^6) + (7 \times 8! + 9) &= 9 - (((8! - (7^6 - (5! \times 4!))) \times (3! - 2)) + 1) \\
 297805 &:= 1 \times 2 - ((3-4) - (5^6 + (7 \times (8! - 9)))) &= (9 - ((8! - (7^6 - (5! \times 4!))) \times (3! - 2))) \times 1 \\
 297806 &:= 1 \times 2 + 3! - (4 - (5^6 + (7 \times (8! - 9)))) &= ((9+8!) \times 7) + (((6^5 - (4 \times 3!)) \times 2) - 1) \\
 297807 &:= (1 - 2^{3!}) - (4 - (5^6 + (7 \times 8! + 9))) &= (9+8! \times 7) + (((6^{5!/4!}) + 3) \times 2 \times 1) \\
 297808 &:= 1 \times (((2 - (3 - 4)))! + (5^6 + (7 \times (8! - 9)))) &= ((9+8! \times 7) + ((6^5 + (4!/3!)) \times 2)) - 1 \\
 297809 &:= 1 + (((2 - (3 - 4)))! + (5^6 + (7 \times (8! - 9)))) &= ((9+8! \times 7) + ((6^5 + (4!/3!)) \times 2)) \times 1 \\
 297810 &:= ((1+2)! + 3!) - (4 - (5^6 + (7 \times (8! - 9)))) &= ((9+8! \times 7) + ((6^5 + (4!/3!)) \times 2)) + 1 \\
 297811 &:= (1 - ((2 \times 3!)^4)) + ((5! - ((6+7!) - 8!)) \times 9) &= (9 \times (8! - (7! + (6-5!)))) - (((4! \times 3!)^2) - 1) \\
 297812 &:= ((1 - 2 \times 3!) \times 4) + (5^6 + 7 \times 8! - 9) &= ((9+8!) \times 7) + (((6^5 - (4! - 3)) \times 2) - 1) \\
 297813 &:= 1 \times (((2 \times 3!)^4 + 5) \times 6) + 7 \times 8! - 9 &= ((9 + (8! + 7!)) \times 6) + (((5! \times 4)/3)^2) - 1) \\
 297814 &:= 1 + (((2 \times 3!)^4 + 5) \times 6) + 7 \times 8! - 9 &= ((9+8!) \times 7) + (((6^5 - (4! - 3)) \times 2) + 1) \\
 297815 &:= ((1 - (2 \times (3!+4!))) + (5^6 + 7 \times 8!)) + 9 &= ((9 + (8! + 7!)) \times 6) + (((5! \times 4)/3)^2) + 1) \\
 297816 &:= ((1 \times 2 - 3!!) \times 4!) + (5! + ((6^7/8) \times 9)) &= ((9+8! \times 7) + ((6^5 + (4!/3)) \times 2)) - 1 \\
 297817 &:= (1 + ((2 - 3!!) \times 4!)) + (5! + ((6^7/8) \times 9)) &= ((9+8! \times 7) + ((6^5 + (4!/3)) \times 2)) \times 1 \\
 297818 &:= 1 \times ((2 \times 3! + 4) + (5^6 + (7 \times (8! - 9)))) &= 9 + (8! \times 7 + (((6^5 + (4!/3)) \times 2) + 1)) \\
 297819 &:= 1 + 2 \times 3! + (4 + (5^6 + (7 \times (8! - 9)))) &= ((9+8!) \times 7) + ((6^5 - (4! - 3!)) \times 2 \times 1) \\
 297820 &:= 1 \times ((2 \times (3! - 4!)) + (5^6 + 7 \times 8! - 9)) &= ((9+8!) \times 7) + (((6^5 - (4! - 3!)) \times 2) + 1) \\
 297821 &:= 1 - 2 \times 3! - (4! - (5^6 + 7 \times 8! - 9)) &= 9 + (8! \times 7 + ((6^5 + (4+3!)) \times 2 \times 1)) \\
 297822 &:= 1 \times 2 - ((3! - 4!) - (5^6 + (7 \times (8! - 9)))) &= (9+8! \times 7) + (((6^5 + (4+3!)) \times 2) + 1) \\
 297823 &:= (1+2) - ((3! - 4!) - (5^6 + (7 \times (8! - 9)))) &= (98 \times (7 + (((6+5!) \times 4!) + (3! + 2)))) + 1 \\
 297824 &:= (12+3!) + (4 + (5^6 + (7 \times (8! - 9)))) &= (9+8! \times 7) + (((6^5 + 4 \times 3) \times 2) - 1) \\
 297825 &:= 1 \times 2 - ((3-4!) - (5^6 + (7 \times (8! - 9)))) &= (9+8! \times 7) + ((6^5 + 4 \times 3) \times 2 \times 1) \\
 297826 &:= (1+2)!! - ((3!! - 4!) - (5^6 + (7 \times (8! - 9)))) &= (9+8! \times 7) + (((6^5 + 4 \times 3) \times 2) + 1) \\
 297827 &:= (((1+2) \times 3!! + 4) \times (5! + (6-7))) + (8! - 9) &= ((9 \times 8) + (((7 \times (6+5)) - 4!)^3) \times 2)) + 1 \\
 297828 &:= 1 \times 2 \times ((3!!/4 \times 5! - (6+7!+8)) \times 9) &= (9 \times (8^{(7-6) \times 5})) + (4 \times (3^{(2+1)!})) \\
 297829 &:= (1+2) - ((3!+4!) - (5^6 + 7 \times 8! - 9)) &= (((9 \times 8) + 7) \times ((6 \times ((5^4) + 3)) + 2)) - 1 \\
 297830 &:= ((1 - 2 \times 3!) \times 4) + (5^6 + (7 \times 8! + 9)) &= (((9 \times 8) + 7) \times ((6 \times ((5^4) + 3)) + 2)) \times 1 \\
 297831 &:= ((1 \times 2 - 3!!) \times 4!) + (((5! + 6^7)/8) \times 9) &= (9 \times (8 + (7! \times 6))) + (((5! \times 4)/3)^2) - 1) \\
 297832 &:= (1 + ((2 - 3!!) \times 4!)) + (((5! + 6^7)/8) \times 9) &= (((9 - 8!) + (7^6)) - (5! \times 4!)) \times (3! - 2)) \times 1 \\
 297833 &:= (1+2)^3 + (4 + (5^6 + (7 \times (8! - 9)))) &= (9 \times (8 + (7! \times 6))) + (((5! \times 4)/3)^2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 297834 &:= 1 \times ((2 + (3! + 4!)) + (5^6 + (7 \times (8! - 9)))) &= ((9 + 8!) \times 7) + (((6^5 - (4 + 3!)) \times 2) - 1) \\
 297835 &:= (1 - 2^{3!}) + (4! + (5^6 + (7 \times 8! + 9))) &= ((9 + 8!) \times 7) + ((6^5 - (4 + 3!)) \times 2 \times 1) \\
 297836 &:= ((1 - ((2 - 3!!) \times 4!)) \times 5) - ((6 \times (7! - 8!)) + 9) &= (9 + 8! \times 7) + (((6^5 + (4! - 3!)) \times 2) - 1) \\
 297837 &:= (1 + (2 \times ((3!!/4 \times 5! - 6) \times 7))) - 8!/9 &= (9 + 8! \times 7) + ((6^5 + (4! - 3!)) \times 2 \times 1) \\
 297838 &:= (1 + 2) + ((3 - 4!) + (5^6 + 7 \times 8! - 9)) &= ((9 + 8!) \times 7) + (((6^5 - 4!/3) \times 2) - 1) \\
 297839 &:= 1 - 2 \times 3! - (4! - (5^6 + (7 \times 8! + 9))) &= 9 - (((8 + 7 \times 6!) \times (5 - 4^3)) + 2 \times 1) \\
 297840 &:= 1 \times 2 + ((3! - 4!) + (5^6 + 7 \times 8! - 9)) &= (((9 \times 8) + (7 - 6)) \times 5!) \times (4! + (3^2 + 1)) \\
 297841 &:= 1 - 2 \times 3! - (4 - (5^6 + 7 \times 8! - 9)) &= (((9 + 8) \times ((7!/6 \times (5 \times 4)) + 3!!)) + 2) - 1 \\
 297842 &:= 1 \times 2^{3!} - (4! - (5^6 + (7 \times (8! - 9)))) &= (9 + 8! \times 7) + (((6^5 + (4! - 3)) \times 2) - 1) \\
 297843 &:= ((1 + (2 \times (3!!/4 \times 5! - 6))) \times 7) - 8!/9 &= (9 - ((8 + 7 \times 6!) \times (5 - 4^3))) + (2 \times 1) \\
 297844 &:= 1 + ((2 \times ((3!^4 + 5) \times 6)) + 7 \times 8! - 9) &= (9 + 8! \times 7) + (((6^5 + (4! - 3)) \times 2) + 1) \\
 297845 &:= 1 + ((2 \times 3! - 4!) + (5^6 + 7 \times 8! - 9)) &= 9 + 8! - (((7 - 6) - 5!) \times (4 + (3 \times (2 + 1!)))) \\
 297846 &:= 1 \times 2 - ((3 \times 4) - (5^6 + 7 \times 8! - 9)) &= ((9 + 8!) \times 7) + (((6^5 - (4!/3!)) \times 2) - 1) \\
 297847 &:= (1 + 2) - ((3 \times 4) - (5^6 + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6!) - (5! - (4^{3!+2-1})) \\
 297848 &:= 1 \times ((2 - (3! + 4)) + (5^6 + 7 \times 8! - 9)) &= ((9 + 8!) \times 7) + (((6^5 - (4!/3!)) \times 2) + 1) \\
 297849 &:= (1 - 2 \times 3!) + (4 + (5^6 + 7 \times 8! - 9)) &= (9 + ((8! - 7!) \times 6)) - (5! \times (4 - (3!! + 2 \times 1))) \\
 297850 &:= (1 + (((2 + 3!!) - 4) \times 5!)) - ((6 \times (7! - 8!)) - 9) &= (9 + ((8! - 7!) \times 6)) + ((5 \times (4! \times (3!! - 2))) + 1) \\
 297851 &:= ((1 + 2 \times 3! \times 4) + 5^6) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + ((6^5 + (4 - 3!)) \times 2)) \times 1 \\
 297852 &:= (1 - 2) + ((3 - 4!) + (5^6 + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + ((6^5 + (4 - 3!)) \times 2)) + 1 \\
 297853 &:= (((1 + 2)^3) + (4! + 5^6)) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) - ((6^5 \times (4 - 3!)) + 2 \times 1) \\
 297854 &:= ((1 - ((2 - 3!!) \times 4!)) \times 5) - ((6 \times (7! - 8!)) - 9) &= (9 + ((8! - 7!) \times 6)) + (5 \times ((4! \times (3!! - 2)) + 1)) \\
 297855 &:= 1 \times 2 + ((3 - 4!) + (5^6 + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - 6^5 \times 4) + (3!^{(2+1)!}) \\
 297856 &:= (1 \times 2^{3!}) \times (((4! + 5) \times 6) + (7! \times 8/9)) &= ((9 + 8!) \times 7) - ((6^5 \times (4 - 3!)) - (2 - 1)) \\
 297857 &:= ((1 + (2 \times (3 + 4!))) + 5^6) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - (6^5 \times (4 - 3!))) + (2 \times 1) \\
 297858 &:= 1 \times 2 + 3! - (4! - (5^6 + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + ((6^5 - 4 + 3!) \times 2)) - 1 \\
 297859 &:= 1 - 2 \times 3! - (4 - (5^6 + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + ((6^5 - 4 + 3!) \times 2)) \times 1 \\
 297860 &:= 1 \times 2 + ((3! - 4) + (5^6 + 7 \times 8! - 9)) &= 9 + ((8! \times 7 + ((6^5 + (4! + 3!)) \times 2)) - 1) \\
 297861 &:= (1 - 2^{3!}) - (4 - (5^6 + (7 \times (8! + 9)))) &= ((9 + 8! \times 7) + ((6^5 + (4! + 3!)) \times 2)) \times 1 \\
 297862 &:= 1 \times 2^{3!} - (4 - (5^6 + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + ((6^5 + (4!/3!)) \times 2)) - 1 \\
 297863 &:= 1 + 2 \times 3! - (4! - (5^6 + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + ((6^5 + (4!/3!)) \times 2)) \times 1 \\
 297864 &:= 1 \times 2 - ((3 \times 4) - (5^6 + (7 \times 8! + 9))) &= 9 - (((8 - 7!/6) \times ((5 \times (4! \times 3)) - 2)) + 1) \\
 297865 &:= (1 - ((2 \times 3!)^4)) + ((5! - (6! \times 7 - 8!)) \times 9) &= (9 \times (8! - (7 \times 6! - 5!))) - (((4! \times 3!)^2) - 1) \\
 297866 &:= 1 \times 2 - ((3! + 4) - (5^6 + (7 \times 8! + 9))) &= 9 - (((8 - 7!/6) \times ((5 \times (4! \times 3)) - 2)) - 1) \\
 297867 &:= (1 - 2 \times 3!) + (4 + (5^6 + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + (((6^{5!/4!}) + 3!) \times 2)) \times 1 \\
 297868 &:= 1 \times 2 + 3! + (4 + (5^6 + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + (((6^{5!/4!}) + 3!) \times 2)) + 1 \\
 297869 &:= (1 - 2 \times 3!) + (4! + (5^6 + 7 \times 8! - 9)) &= (((9 + 8! \times 7) - 6) + (((5!/4!)^{3!}) + 2)) - 1 \\
 297870 &:= 1 \times 2^{3!} + (4 + (5^6 + (7 \times (8! - 9)))) &= (((9 + 8! \times 7) - 6) + (((5!/4!)^{3!}) + 2)) \times 1 \\
 297871 &:= (1 + 2^{3!}) + (4 + (5^6 + (7 \times (8! - 9)))) &= (((9 + 8! \times 7) - 6) + (((5!/4!)^{3!}) + 2)) + 1
 \end{aligned}$$

$$\begin{aligned}
 297872 &:= 1 \times ((2 \times (3 - 4)) + (5^6 + (7 \times 8! + 9))) &= ((9 + 8!) \times 7) + (((6^5 + (4!/3)) \times 2) + 1) \\
 297873 &:= 1 + 2 \times 3! + (4 + (5^6 + 7 \times 8! - 9)) &= (((9 + 8! \times 7) + ((6 - (5 - 4))^{3!})) - 2) + 1 \\
 297874 &:= 1 \times 2 - ((3! - 4) - (5^6 + (7 \times 8! + 9))) &= ((9 + 8!) \times 7) + (((6^5 + (4 + 3!)) \times 2) - 1) \\
 297875 &:= (1 - (2 \times (3 + 4!))) + (5^6 + (7 \times (8! + 9))) &= ((9 + 8!) \times 7) + ((6^5 + (4 + 3!)) \times 2 \times 1) \\
 297876 &:= 1 \times 2 \times (((3!! \times 4! - 5) \times 6) + ((7! - 8) \times 9)) &= ((9 + 8!) \times 7) + (((6^5 + (4 + 3!)) \times 2) + 1) \\
 297877 &:= (1 - 2) \times ((3 - 4!) - (5^6 + 7 \times 8! - 9)) &= (((9 + 8! \times 7 + 6) + ((5!/4!)^{3!})) - 2) - 1 \\
 297878 &:= 1 \times 2 + ((3! - 4) + (5^6 + (7 \times 8! + 9))) &= (((9 + 8! \times 7 + 6) + ((5!/4!)^{3!})) - 2) \times 1 \\
 297879 &:= 1 \times 2 - ((3 - 4!) - (5^6 + 7 \times 8! - 9)) &= (((9 + 8! \times 7 + 6) + ((5!/4!)^{3!})) - 2) + 1 \\
 297880 &:= (1 + 2) - ((3 - 4!) - (5^6 + 7 \times 8! - 9)) &= ((9 + 8!) \times 7) + (((6^5 + 4 \times 3) \times 2) + 1) \\
 297881 &:= (1 + 2)! - ((3 - 4) - (5^6 + (7 \times 8! + 9))) &= (9 + 8! \times 7) + (6 + (((5!/4!)^{3!}) + (2 - 1))) \\
 297882 &:= ((1 - 2) + (3^4 + 5^6)) + (7 \times (8! - 9)) &= (9 + 8! \times 7) + (6 + (((5!/4!)^{3!}) + 2 \times 1)) \\
 297883 &:= 1 + 2 \times 3! - (4 - (5^6 + (7 \times 8! + 9))) &= 9 - ((8 - 7 \times 6) \times (5! + ((4! \times 3!!/2) + 1))) \\
 297884 &:= ((1 - 2 \times 3!) \times 4) + (5^6 + (7 \times (8! + 9))) &= (9 + 8! \times 7 + 6) + (5 + ((4! + 3!!) \times 21)) \\
 297885 &:= (1 \times 2 + (3^4 + 5^6)) + (7 \times (8! - 9)) &= ((9 + 8) \times (((7 + (6! + 5)) \times 4!) - 3)) - ((2 + 1)!)! \\
 297886 &:= 1 - ((2 \times ((3!! + ((4 - 5^6) \times 7)) - 8!)) + 9) &= (9 \times (8! - (7! - 6))) - (5 + ((4! + 3)^{2+1})) \\
 297887 &:= (1 - 2 \times 3!) + (4! + (5^6 + (7 \times 8! + 9))) &= ((9 + 8! \times 7) + ((6^5 + 43) \times 2)) \times 1 \\
 297888 &:= ((1 \times 2 - 3! \times 4!) \times 5!) + (((6^7/8) \times 9) &= (9 + ((8! - 7!)/6!)) \times (5! - (4! - ((3! + (2 - 1))))!) \\
 297889 &:= (1 + ((2 - 3! \times 4!) \times 5!)) + (((6^7/8) \times 9) &= ((9 + 8! - 7!) \times 6) + (5 \times ((4! \times (3!! - 2)) - 1)) \\
 297890 &:= 1 \times 2^{3!} + (4! + (5^6 + (7 \times (8! - 9)))) &= ((9 + 8!) \times 7) + (((6^5 + (4! - 3!)) \times 2) - 1) \\
 297891 &:= 1 + 2 \times 3! + (4 + (5^6 + (7 \times 8! + 9))) &= ((9 + 8!) \times 7) + ((6^5 + (4! - 3!)) \times 2 \times 1) \\
 297892 &:= (1 \times 2 \times (3!! - ((4! + 5) \times (6 - 7!)))) + 8!/9 &= ((9 + 8!) \times 7) + (((6^5 + (4! - 3!)) \times 2) + 1) \\
 297893 &:= (1 + (2 \times (3!! - ((4! + 5) \times (6 - 7!)))) + 8!/9 &= ((9 + 8! - 7!) \times 6) + ((5 \times (4! \times (3!! - 2))) - 1) \\
 297894 &:= 1 \times 2 - ((3! - 4!) - (5^6 + (7 \times 8! + 9))) &= (((9 + 8! - 7!) \times 6) - (5! \times (4 - (3!! + 2)))) \times 1 \\
 297895 &:= (1 + (((2 + 3!!) - 4) \times 5!)) - (6 \times (7! - 8! - 9)) &= ((9 + 8! - 7!) \times 6) + ((5 \times (4! \times (3!! - 2))) + 1) \\
 297896 &:= 1 \times 2^{3!} - (4! - (5^6 + 7 \times 8! - 9)) &= ((9 + 8!) \times 7) + (((6^5 + (4! - 3)) \times 2) - 1) \\
 297897 &:= (1 + 2^{3!}) - (4! - (5^6 + 7 \times 8! - 9)) &= ((9 + 8!) \times 7) + ((6^5 + (4! - 3)) \times 2 \times 1) \\
 297898 &:= (1 - 2 \times 3!!) - ((4! \times (5 - 6!)) - (7 \times (8! - 9))) &= ((9 + 8!) \times 7) + (((6^5 + (4! - 3)) \times 2) + 1) \\
 297899 &:= ((1 - (2 \times (3 - 4))) + (5^6 + 7 \times 8!)) - 9 &= (9 \times ((8! + (7! + (6! \times 5!)))/4)) + 3!! \times 2 - 1 \\
 297900 &:= 1 \times 2 - ((3! + 4!) - (5^6 + (7 \times (8! + 9)))) &= (9 \times (((8 \times (7 \times 6)) - 5) \times 4)) \times ((3! - 2)! + 1) \\
 297901 &:= (1 - (2 \times (3! + (4 - ((5 \times 6) \times 7!)))) - 8!/9 &= (9 \times ((8! + (7! + (6! \times 5!)))/4)) + (3!! \times 2 + 1) \\
 297902 &:= 1 \times (2 + ((3!! - ((4 \times (5 + 6!)) + 7! - 8!)) \times 9)) &= (((9 + 8!) \times 7) + (6! + (5! \times (4 + ((3 + 2)!)))) - 1 \\
 297903 &:= 1 + (2 + ((3!! - ((4 \times (5 + 6!)) + 7! - 8!)) \times 9)) &= (((9 + 8!) \times 7) + (6! + (5! \times (4 + ((3 + 2)!)))) \times 1 \\
 297904 &:= 1 - (((2 + (3! \times 4)) \times (5! - 6!)) - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6! + (5! \times (4 + ((3 + 2)!)))) + 1 \\
 297905 &:= ((1 + 2 \times 3! \times 4) + (5^6 + 7 \times 8!)) - 9 &= 9 + (8 \times ((7 - 6) + ((5! - 4) \times 321))) \\
 297906 &:= 1 \times 2 + 3! + (4! + (5^6 + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + 6!) + (((5! - 4 + 3!)^2) - 1) \\
 297907 &:= (((1 + 2)^3) + (4! + 5^6)) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6!) + ((5! - 4 + 3!)^2 \times 1) \\
 297908 &:= ((1 + 2 \times 3!) \times 4) \times (5 + ((6 + 7!/8) \times 9)) &= ((9 + ((8!/7!) \times (6! - 5))) \times 4) \times (3! \times 2 + 1) \\
 297909 &:= 1 \times 2 + ((3 - 4!) + (5^6 + (7 \times (8! + 9)))) &= (9 \times ((8! - 7) - (6^5 - 4))) + ((3! + (2 - 1)))!
 \end{aligned}$$

$$\begin{aligned}
 297910 &:= 1 \times 2 - ((3 \times (4 - (5!/6 \times 7!))) + 8!/9) &= 9 + (((8 \times (7 \times 6)) - 5) \times ((4! + 3!)^2)) + 1 \\
 297911 &:= ((1 + (2 \times (3 + 4!))) + 5^6) + (7 \times 8! - 9) &= -98 - ((7! + (6 + 5)) \times (4 - (3 \times 21))) \\
 297912 &:= 1 - ((2 \times ((3!! + 4!) - (5^6 \times 7 + 8!))) - 9) &= 9 + (((8! \times 7) - 6!) + ((5! + (4!/3))^2)) - 1 \\
 297913 &:= 1 - 2 \times 3! - (4 - (5^6 + (7 \times (8! + 9)))) &= (((9 + 8! \times 7) - 6!) + ((5! + (4!/3))^2)) \times 1 \\
 297914 &:= 1 - (((2 + 3!)/(4! - 5!)) \times 6!) + (7 + 8!/9) &= 9 + (((8! \times 7) - 6!) + (((5! + (4!/3))^2) + 1)) \\
 297915 &:= (1 + 2^{3!}) - (4! - (5^6 + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) + ((6^5 + (4! + 3!)) \times 2)) \times 1 \\
 297916 &:= 1 + ((2 \times ((3!^4 + 5) \times 6)) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + ((6^5 + (4! + 3!)) \times 2)) + 1 \\
 297917 &:= ((1 + (2 \times (3! + 4!))) + (5^6 + 7 \times 8!)) - 9 &= (9 \times (8! - (7! - (6 + 5!)))) - (((4! \times 3!)^2) + 1) \\
 297918 &:= 1 \times 2 - ((3 \times 4) - (5^6 + (7 \times (8! + 9)))) &= (9 \times (8! - (7! - (6 + 5!)))) - ((4! \times 3!)^2 \times 1) \\
 297919 &:= (1 - ((2 \times 3!)^4)) + ((5! + (6 - (7! - 8!))) \times 9) &= (9 \times (8! - 7!)) - (((6! + (5 \times 4!))/3!)^2) + 1 \\
 297920 &:= 1 \times 2 - ((3! + 4) - (5^6 + (7 \times (8! + 9)))) &= ((9 + 8!) \times 7) - (6 - (((5!/4!)^{3!}) - (2 \times 1))) \\
 297921 &:= (1 - 2 \times 3!) + (4 + (5^6 + (7 \times (8! + 9)))) &= (9 \times (8! - 7!)) - (((6! + (5 \times 4!))/3!)^2) - 1 \\
 297922 &:= 1 \times 2 - ((3 \times (4! \times (5! + 6! - 7!))) + 8!/9) &= (((9 + 8!) \times 7) + ((6 - (5 - 4))^{3!})) - (2 + 1)! \\
 297923 &:= ((1 + 2 \times 3! \times 4) + (5^6 + 7 \times 8!)) + 9 &= ((9 + 8!) \times 7) - (6 - (((5!/4!)^{3!}) + (2 - 1))) \\
 297924 &:= 1 \times 2 \times ((3!! \times (4! + 5!)) - (6 - ((7! - 8) \times 9))) &= (((9 \times (8 + 7!))/6) + (5! \times 4)) \times (3!^2 + 1) \\
 297925 &:= (1 + 2^{3!}) + (4 + (5^6 + 7 \times 8! - 9)) &= ((9 + 8) \times ((7^{6-5+4}) + (3!! - 2))) \times 1 \\
 297926 &:= (((1 + 2 \times 3!) \times 4) + 5^6) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + ((6 - (5 - 4))^{3!})) - 2 \times 1 \\
 297927 &:= (1 - 2^{3!}) - (((4^5 + 6) \times 7) - 8!) \times 9 &= (((9 + 8!) \times 7) + ((6 - (5 - 4))^{3!})) - (2 - 1) \\
 297928 &:= 1 \times 2 - ((3! - 4) - (5^6 + (7 \times (8! + 9)))) &= 9 + ((8! \times 7 + ((6^5 + 4^3) \times 2)) - 1) \\
 297929 &:= ((1 + (2 \times (3 + 4!))) + 5^6) + (7 \times 8! + 9) &= (9 + 8! \times 7) + ((6^5 + 4^3) \times 2 \times 1) \\
 297930 &:= ((1 \times 2 + (3 \times 4!)) + 5^6) + (7 \times 8! - 9) &= (9 + 8! \times 7) + (((6^5 + 4^3) \times 2) + 1) \\
 297931 &:= 1 \times 2 - ((3 - 4) - (5^6 + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + 6) + ((5!/4!)^{3!}) - (2 + 1) \\
 297932 &:= 1 \times 2 \times (3! + ((4! - 5) \times ((6 \times 7! + 8!)/9))) &= (((9 + 8!) \times 7) + 6) + ((5!/4!)^{3!}) - 2 \times 1 \\
 297933 &:= 1 - (((2 - 3) \times 4) - (5^6 + (7 \times (8! + 9)))) &= (((9 + 8) \times ((7 + (6! + 5)) \times 4!)) - 3) - ((2 + 1)! \\
 297934 &:= 1 \times 2^{3!} - (4 - (5^6 + (7 \times 8! + 9))) &= ((9 + 8) \times ((7 + (6! + 5)) \times 4!)) - (3!! + 2 \times 1) \\
 297935 &:= ((1 + (2 \times (3! + 4!))) + (5^6 + 7 \times 8!)) + 9 &= (9 \times (8! - 7!)) - (((6! + (5! - 4!)) \times (3! - 2)! + 1) \\
 297936 &:= 1 - (2 - (3^4 + (5^6 + 7 \times 8! - 9))) &= (9 \times (8! - (7! \times 6))) + ((5! + 4!) \times (3!! \times 2 - 1)) \\
 297937 &:= 1 + 2 \times 3! - (4 - (5^6 + (7 \times (8! + 9)))) &= (9 \times (8! - 7!)) - (((6! + (5! - 4!)) \times (3! - 2)! - 1) \\
 297938 &:= (1 - ((2 + 3)! \times 4)) \times ((5 - 6) - (7!/8 - 9)) &= ((9 + 8) \times ((7 + (6! + 5)) \times 4!)) - (3!! - (2 \times 1)) \\
 297939 &:= 1 \times (2 + (3^4 + (5^6 + 7 \times 8! - 9))) &= (9 \times (8! - 7!)) - ((6! + 5) \times (4! + 3)) - (2 + 1)! \\
 297940 &:= 1 + (2 + (3^4 + (5^6 + 7 \times 8! - 9))) &= ((9 \times (8 \times 7! - 6^5)) + 4) + ((3! + (2 - 1)))! \\
 297941 &:= (1 - 2 \times 3!) + (4! + (5^6 + (7 \times (8! + 9)))) &= (9 \times 8 \times (7! - 6!)) + (5 - ((4!^3) - ((2 + 1)!))) \\
 297942 &:= 1 \times 2 \times (3 + (((4! + 5!) \times 6!) + ((7! - 8) \times 9))) &= (9 \times (8! - 7!)) - (((6! + 5) \times (4! + 3)) + 2) - 1 \\
 297943 &:= (1 + 2^{3!}) + (4 + (5^6 + (7 \times 8! + 9))) &= (9 \times (8! - 7!)) - (((6! + 5) \times (4! + 3)) + 2) \times 1 \\
 297944 &:= 1 \times 2^{3!} + (4! + (5^6 + 7 \times 8! - 9)) &= (9 \times (8! - 7!)) - (((6! + 5) \times (4! + 3)) + 2) + 1 \\
 297945 &:= (1 - 2^{3!}) + ((4! \times 5! + (6 \times 7! - 8)) \times 9) &= (9 \times (((8! \times 7!/6!) - 5!)/4!) - 3!!)) \times (2 + 1) \\
 297946 &:= (((1 + 2) \times (3! + 4!)) + (5^6 + 7 \times 8!)) - 9 &= (9 \times (8! - 7!)) - (((6! + 5) \times (4! + 3)) - 2) - 1 \\
 297947 &:= 1 \times 2 - (((3 + 4!) \times (5 + 6!)) + ((7! - 8!) \times 9)) &= (9 \times (8! - 7!)) - (((6! + 5) \times (4! + 3)) - 2) \times 1
 \end{aligned}$$

$$\begin{aligned}
 297948 &:= 1 \times 2 \times ((3! \times (4! + 5!)) + (6 + ((7! - 8) \times 9))) &= (9 \times (8! - 7!) - (((6! + 5) \times (4! + 3)) - 2)) + 1 \\
 297949 &:= (((1 + 2) + (3 \times 4!)) + 5^6) + (7 \times 8! + 9) &= ((98 + (((7 \times (6 + 5)) - 4!)^3)) \times 2) - 1 \\
 297950 &:= (((1 + 2)!) \times 3^4) + 5 + (6^7 - 8! + 9) &= ((98 + (((7 \times (6 + 5)) - 4!)^3)) \times 2) \times 1 \\
 297951 &:= 1 - ((2 - (3! \times 4)) - (5^6 + (7 \times (8! + 9)))) &= (9 \times (8! - 7!) - 6) + (5! - ((4! + 3)^{2+1})) \\
 297952 &:= 1 - (2 \times 3!! + ((4! \times (5 - 6!)) - (7 \times 8! - 9))) &= ((98 \times (76 \times 5)) + 4) \times (3! + 2 \times 1) \\
 297953 &:= (1 - (((2^{3!}) - (4 \times 5!)) \times (6! + 7))) - 8!/9 &= ((9 + 8) \times ((7^{6-5+4}) + 3!)) - (2 + 1)! \\
 297954 &:= ((1 - 2) + (3^4 + (5^6 + 7 \times 8!))) + 9 &= (9 \times (8! - (7 + (6! \times ((5!/4) + 3)))) \times 2 \times 1 \\
 297955 &:= (1 + 2)! - ((3 - 4!) - (5^6 + (7 \times (8! + 9)))) &= ((9 + 8) + (7! + (6!/5 \times 4!))) \times (3!^2 - 1) \\
 297956 &:= 1 \times (2 - (((3! - 4) \times (5 \times 6! + 7)) - 8!) \times 9) &= (((9 + 8) \times ((7^{6-5+4}) + 3!)) - 2) - 1 \\
 297957 &:= 1 + (2 - (((3! - 4) \times (5 \times 6! + 7)) - 8!) \times 9) &= 9 - (8 + 7! - ((6! + (5! + 4)) \times (3!!/2 - 1))) \\
 297958 &:= (1 + 2) + (3 + 4! + (5^6 + (7 \times (8! + 9)))) &= (((9 + 8) \times ((7^{6-5+4}) + 3!)) - 2) + 1 \\
 297959 &:= (1 + 2)^3 + (4 + (5^6 + (7 \times (8! + 9)))) &= ((9 \times (8! - 7!)) + (6! - 5!)) - (((4!/3)!/2) + 1) \\
 297960 &:= 1 \times 2 + 3! + (4! + (5^6 + (7 \times (8! + 9)))) &= (((9 - (8 - 7)))! - ((6! + 5) \times 4!)) \times (3! \times 2 + 1) \\
 297961 &:= 1 \times (((2 - (3! \times 4)) \times (5 - 6!)) + 7 \times 8! - 9) &= ((9 \times (8! - 7!)) + (6! - 5!)) - (((4!/3)!/2) - 1) \\
 297962 &:= 1 - (2 + (((3 + ((4^5 + 6) \times 7)) - 8!) \times 9)) &= (((9 + 8!) \times 7) - 6!) - (5 - (4^{3!+2-1})) \\
 297963 &:= (1 + (2^{3!} + (4! + 5^6))) + (7 \times 8! + 9) &= (9 \times ((8! + 7) - (6^5 + 4))) + ((3! + (2 - 1)))! \\
 297964 &:= (((1 + 2)^3) \times 4) + (5^6 + 7 \times 8!) - 9 &= -9 + (((8 - (7!/6 + 5)) \times (4 - 3!!/2)) + 1) \\
 297965 &:= 1 \times (2 - (((3 + ((4^5 + 6) \times 7)) - 8!) \times 9)) &= (((9 \times 8 \times (7! - 6!)) - 5!)/4!) \times ((3! - 2)! - 1) \\
 297966 &:= 1 + (2 - (((3 + ((4^5 + 6) \times 7)) - 8!) \times 9)) &= ((9 + 8!) \times 7) - (6! - (((5! + (4!/3))^2) - 1)) \\
 297967 &:= 12 + (3 + 4! + (5^6 + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - 6!) + ((5! + (4!/3))^2) \times 1 \\
 297968 &:= 1 \times 2^{3!} - (4! - (5^6 + (7 \times (8! + 9)))) &= ((9 + 8!) \times 7) - (6! - (((5! + (4!/3))^2) + 1)) \\
 297969 &:= 1 - (2 - (((3! + 4) \times (5 + 6 \times 7!)) - 8!/9)) &= (9 + ((8! + 7!) \times 6)) + (5! \times ((4! \times (3^2)) - 1)) \\
 297970 &:= 1 - (2 \times 3!! + ((4! \times (5 - 6!)) - (7 \times 8! + 9))) &= (9 + (8! \times 7 + (6! - 5) \times 4!)) - (3!! \times 2 - 1) \\
 297971 &:= ((1 - (2 \times (3 - 4!))) + 5^6) + (7 \times (8! + 9)) &= (9 + ((8 - (7! + 6)) \times (5 - 4^3))) + ((2 + 1)!)! \\
 297972 &:= (1 \times 2 + ((3! + 4) \times (5 + 6 \times 7!))) - 8!/9 &= (((9 + 8!) \times 7) - 6!) + (5 + (4^{3!+2-1})) \\
 297973 &:= (1 + 2) + (((3! + 4) \times (5 + 6 \times 7!)) - 8!/9) &= (9 + 8 - 7!) + ((6! + (5! + 4)) \times (3!!/2 - 1)) \\
 297974 &:= 1 \times 2 + (3! \times ((4 \times 5! + ((6 + 7!) - 8)) \times 9)) &= -98 - (7 - ((6! \times (54 + 3!!/2)) - 1)) \\
 297975 &:= (1 + (2 \times (3 + (4! + ((5 \times 6) \times 7!)))) - 8!/9 &= (9 + ((8! \times 7 + (6! \times 5))/4!)) \times ((3! - 2)! + 1) \\
 297976 &:= ((1 + 2)! + ((3! + 4) \times (5 + 6 \times 7!))) - 8!/9 &= (9 + 8) \times (((7!/6!)^5) + ((4 - 3) + (2 + 1)!!)) \\
 297977 &:= ((1 + 2 \times 3! \times 4) + 5^6) + (7 \times (8! + 9)) &= 9 + 8 + ((7 + 6) \times (5! \times ((4! \times (3! + 2)) - 1))) \\
 297978 &:= (1 + 2)! + (3! \times ((4 \times 5! + ((6 + 7!) - 8)) \times 9)) &= ((98 \times ((7!/6! + 5!) \times 4!)) - 3!!) - (2 + 1)! \\
 297979 &:= 1 - (2 \times 3! + (((4^5 + 6) \times 7) - 8!) \times 9) &= 9 - (((((8 \times 7) - 6!) \times 5)/4) \times (3!!/2 - 1)) \\
 297980 &:= 1 - (2 + ((3 - (4! \times 5! + (6 \times 7! - 8))) \times 9)) &= (9 + 8! \times 7) + (((6! - 5) \times ((4 \times 3!) - 2)) + 1) \\
 297981 &:= (1 - (2 \times ((3! + 4!) \times ((5 - 6) - 7!)))) - 8!/9 &= (9 \times (8! - 7!)) + (6!/5 - ((4! + 3)^{2+1})) \\
 297982 &:= 1 + (((2 \times (3!! \times 4! - (5 + 6!))) + (7 - 8)) \times 9) &= ((9 + 8!) \times 7) + (((6^5 + 4^3) \times 2) - 1) \\
 297983 &:= ((1 + (2 \times (3 + 4!))) + 5^6) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + ((6^5 + 4^3) \times 2 \times 1) \\
 297984 &:= 1 \times 2 + ((3!!/4) + (5^6 + (7 \times (8! - 9)))) &= ((9 + 8!) \times 7) + (((6^5 + 4^3) \times 2) + 1) \\
 297985 &:= (1 + 2) + ((3!!/4) + (5^6 + (7 \times (8! - 9)))) &= 9 - (8 - (7! + ((6! + (5! - 4!)) \times (3!!/2 - 1))))
 \end{aligned}$$

$$\begin{aligned}
 297986 &:= 1 \times 2 - (3! + (((4^5 + 6) \times 7) - 8!) \times 9)) &= ((98 \times ((7!/6! + 5!) \times 4!)) - (3!! - 2)) \times 1 \\
 297987 &:= (1 + 2)! - ((3 - (4! \times 5! + (6 \times 7! - 8))) \times 9) &= ((98 \times ((7!/6! + 5!) \times 4!)) - (3!! - 2)) + 1 \\
 297988 &:= 1 \times 2^{3!} - (4 - (5^6 + (7 \times (8! + 9)))) &= 9 + (((8! \times 7) - 6) + ((5^4) + (3!! \times 21))) \\
 297989 &:= (1 + 2^{3!}) - (4 - (5^6 + (7 \times (8! + 9)))) &= (((9 \times (87 + 6!)) + 5) \times (43 - 2)) + 1 \\
 297990 &:= 1 - ((2 \times ((3!! - 4!) - (5^6 \times 7 + 8!))) + 9) &= (9 + 8! \times 7) - ((6 + 5) \times (((4 - 3!!) \times 2) + 1)) \\
 297991 &:= (1 + (2 + 3!)) - (4 - (5^6 + (7 \times 8! + 9))) &= (((98 + 7 \times 6!) \times (5 + 4!)) - 3!) \times 2 - 1 \\
 297992 &:= (12/3!) - (((4^5 + 6) \times 7) - 8!) \times 9) &= 9 - (((8 - ((7 + 6) \times 5!)) \times (4! \times (3! + 2))) + 1) \\
 297993 &:= 1 - ((2 \times (3! \times (4! - (5 \times (6 + 7!)))) + 8!/9) &= (9 + 8) \times ((7!/6 \times (5 \times 4)) + (3^{(2+1)!})) \\
 297994 &:= (1 \times 2 + (3 \times (4! + (5!/6 \times 7!)))) - 8!/9 &= 9 - (((8 - ((7 + 6) \times 5!)) \times (4! \times (3! + 2))) - 1) \\
 297995 &:= 1 - ((2 - 3!) + (((4^5 + 6) \times 7) - 8!) \times 9) &= ((9 \times ((8! + 7) - 6^5)) - 4) + ((3! + (2 - 1)))! \\
 297996 &:= 1 \times 2 \times (((3!! \times 4! + 5) \times 6) + ((7! - 8) \times 9)) &= ((9 \times ((8! + 7) - 6^5)) + ((4 + 3)!)) - (2 + 1) \\
 297997 &:= (1 - 2 \times 3!) + ((4! \times 5! + (6 \times 7! - 8)) \times 9) &= ((9 \times ((8! + 7) - 6^5)) + ((4 + 3)!)) - 2 \times 1 \\
 297998 &:= 1 \times 2 + (3! - (((4^5 + 6) \times 7) - 8!) \times 9) &= (9 \times ((8! + 7) - 6^5)) + (((4 + 3)! - (2 - 1)) \\
 297999 &:= ((1 - 2) + (3 \times 4!)) + (5^6 + (7 \times (8! + 9))) &= (9 \times ((8! + 7) + ((6 - 5!) \times (4^3)))) + ((2 + 1)! \\
 298000 &:= 1 - ((2 + ((3!! \times (4 + 5)) + (6! + 7 - 8!))) \times 9) &= (9 + 8! \times 7) - (((6 + 5) \times ((4 - 3!!) \times 2)) + 1)
 \end{aligned}$$

2.1.19 Numbers From 298001 to 299000

$$\begin{aligned}
 298001 &:= 1 \times 2 + (3^4 \times (5 \times 6! + (7 + 8 \times 9))) &= ((9 + 8) + 7!) + ((6! + (5! - 4!)) \times (3!!/2 - 1)) \\
 298002 &:= ((1 \times 2 + 3! \times 4!) + (5^6 + 7 \times 8!)) - 9 &= (9 + 8! \times 7) - (((6 + 5) \times ((4 - 3!!) \times 2)) - 1) \\
 298003 &:= 1 + 2 \times 3! - (((4^5 + 6) \times 7) - 8!) \times 9) &= ((9 \times ((8! + 7) - 6^5)) + 4) + ((3! + (2 - 1)))! \\
 298004 &:= 1 \times ((2 \times ((3!!/4 \times 5! + 6) \times 7)) - 8!/9) &= ((9 \times (8 + 7!)) - ((6! - 5) \times 4)) \times (3! + (2 - 1)) \\
 298005 &:= (1 + (2 \times ((3!!/4 \times 5! + 6) \times 7))) - 8!/9 &= ((9 \times ((8! + 7) - 6^5)) + ((4 + 3)!)) + (2 + 1)! \\
 298006 &:= (((1 + 2)! + 3! \times 4!) + (5^6 + 7 \times 8!)) - 9 &= (9 + 8) \times (((7!/6!)^5) + (4 + 3!)) - 21 \\
 298007 &:= 1 \times 2 - (3 - ((4! \times 5! + (6 \times 7! - 8)) \times 9)) &= ((9 + 8) \times ((7!/6!)^5)) + (4^{3!} \times (2 + 1)) \\
 298008 &:= (1 - (2 \times ((3!! - 4!) - (5^6 \times 7 + 8!))) + 9 &= (((((9 \times 8) - 7!)/6) \times 5!) + 4!) \times (3 - (2 + 1)! \\
 298009 &:= (1 - (((2 + (3 \times 4!)) - 5) \times (6! - 7!))) - 8 \times 9 &= (9 - 8) \times ((7! + (6 + 5)) \times (((4! + 3!) \times 2) - 1)) \\
 298010 &:= ((1 + 2) \times (3! + (4! + (5!/6 \times 7!)))) - 8!/9 &= 9 - 8 + ((7! + (6 + 5)) \times (((4! + 3!) \times 2) - 1)) \\
 298011 &:= ((1 + (2 \times (3!!/4 \times 5! + 6))) \times 7) - 8!/9 &= ((9 - 8) - (7! - 6!)) \times (5 - ((4! \times 3) + 2 \times 1)) \\
 298012 &:= (1 + 2) + (3^4 + (5^6 + (7 \times (8! + 9)))) &= (9 + 8! \times 7) - ((6 + 5) \times (((4 - 3!!) \times 2) - 1)) \\
 298013 &:= 1 \times 2 + (3 + ((4! \times 5! + (6 \times 7! - 8)) \times 9)) &= (9 + 8! - 76) - (5! \times ((4 - 3!!) \times (2 + 1))) \\
 298014 &:= (1 + 2) + (3 + ((4! \times 5! + (6 \times 7! - 8)) \times 9)) &= ((9 + (8! + 7!)) \times 6) + (5! \times ((4! \times (3^2)) - 1)) \\
 298015 &:= (1 + 2)! + (3^4 + (5^6 + (7 \times (8! + 9)))) &= (9 \times (8! - 7!)) - 65 - ((4! + 3) \times (2 + 1)!) \\
 298016 &:= 1 \times (2^{3!} + (4! + (5^6 + (7 \times (8! + 9)))) &= 9 - (((8 - ((7! \times 6) + (5! \times 4!))) \times (3^2)) + 1) \\
 298017 &:= (1 - 2^{3!}) - ((4! \times 5! - (6! - (7! - 8!))) \times 9) &= 9 + 8! - ((7 - (6! + (5! \times 4))) \times (3^{2+1})) \\
 298018 &:= (1 - 2 \times 3!!) + ((4! \times 5! \times 6) + (7 \times (8! - 9))) &= 9 - (((8 - ((7! \times 6) + (5! \times 4!))) \times (3^2)) - 1) \\
 298019 &:= (1 + ((2 \times 3^4) + (5^6 + 7 \times 8!))) - 9 &= ((9 \times (8! - 7!)) + 6!) - (((5! + (4!/3!))/2) + 1) \\
 298020 &:= ((1 \times 2 + 3! \times 4!) + (5^6 + 7 \times 8!)) + 9 &= ((9 \times (8! - 7!)) + 6!) - ((5! + (4!/3!))/2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 298021 &:= 1 + 2 \times 3! + ((4! \times 5! + (6 \times 7! - 8)) \times 9) &= ((9 \times (8! - 7!)) + 6!) - (((5! + (4!/3!))/2) - 1) \\
 298022 &:= (((1 + 2)!^3) + 4) + (5^6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (6! - 5) \times 4!) - (3!! \times 2 + 1) \\
 298023 &:= ((1 + 2) \times ((3!! - 4) \times 5!)) - ((6 - 7!) \times 8 + 9) &= ((9 \times ((8! + 7) - 6^5)) + 4!) + ((3! + (2 - 1)))! \\
 298024 &:= (1 - 2 \times 3!!) - ((4! \times (5 - 6!)) - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6! - 5) \times 4!) - (3!! \times 2 - 1) \\
 298025 &:= 1 + (((2 + 3)! - 4!) + (5^6 + (7 \times (8! + 9)))) &= ((9 + 8 \times 7) - 6!) \times (((5 - 4!) \times (3! - 2)! + 1) \\
 298026 &:= 1 \times 2 \times (3 \times ((4 \times 5 \times 6!) - (7! - 8! + 9))) &= 9 + 8 + ((7! + (6 + 5)) \times (((4! + 3!) \times 2) - 1)) \\
 298027 &:= (1 - (2 \times (3^4 \times 5!))) - (((6 + 7!) - 8!) \times 9) &= ((9 + 8) \times ((7 \times 6) + 5)) \times (((4! + 3!)/2) + 1) \\
 298028 &:= (1 \times 2 - 3!!) - (((4^5 - 6) \times 7) - 8!) \times 9 &= 9 + (((8! + (7! - (6 \times (5 - (4! \times 3!)))))) \times 2) - 1) \\
 298029 &:= 1 \times ((2 \times (((3!! \times 4! - 5) \times 6) + (7! + 8!))) + 9) &= ((9 + 8) \times (((7!/6!)^5) + (4 + 3!))) + (2 \times 1) \\
 298030 &:= 1 + ((2 \times (((3!! \times 4! - 5) \times 6) + (7! + 8!))) + 9) &= 9 + (((8! + (7! - (6 \times (5 - (4! \times 3!)))))) \times 2) + 1) \\
 298031 &:= 1 + ((2 - (3 \times 4)) \times (5 - (6 \times (7! - 8 \times 9)))) &= (9 \times (8 + ((7! \times 6) + (5! \times 4!)))) - (((3 + 2)! + 1) \\
 298032 &:= 1 \times (2 - ((3! + 4) \times (5 - (6 \times (7! - 8 \times 9)))) &= (9 + 8! - (7! - 6!)) - (5! - ((4^3)^2) - 1) \\
 298033 &:= 1 \times (((2 - (3! \times 4)) \times (5 - 6!)) + (7 \times (8! + 9))) &= ((9 + 8! \times 7) - 6!) + (5! + (4^{3!+2-1})) \\
 298034 &:= (1 + ((2 - (3! \times 4)) \times (5 - 6!))) + (7 \times (8! + 9)) &= (9 + 8! - (7! - 6!)) - (5! - ((4^3)^2) + 1) \\
 298035 &:= 1 - ((2 - (3!!/4)) - (5^6 + 7 \times 8! - 9)) &= 9 - (8 + ((7 - 6!) \times ((5! - (4 - 3!))/2 \times 1))) \\
 298036 &:= ((1 \times 2 + 3!! \times 4!) \times 5) - (6 \times (7! - 8! + 9)) &= 9 - ((8 + ((7 - 6!) \times ((5! - (4 - 3!))/2))) - 1) \\
 298037 &:= (1 + ((2 \times 3^4) + (5^6 + 7 \times 8!))) + 9 &= 9 - (87 - (((6! - ((5 + 4!) \times 3!))^2) - 1) \\
 298038 &:= 1 \times 2 + ((3!!/4) + (5^6 + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + ((6! - 5) \times (4! - 3))) + ((2 + 1)!) \\
 298039 &:= 1 + (2 \times (3 - (4! - ((5 \times 6) \times (7! - 8 \times 9)))) &= (9 - 87) + (((6! - ((5 + 4!) \times 3!))^2) + 1) \\
 298040 &:= 1 \times ((2 + 3)! + (((4 + 56) \times 7!) - 8!/9)) &= (9 + 8! - ((7 - 6! + 5) \times (4 + 3!/2))) - 1 \\
 298041 &:= ((1 + 2) \times ((3!! - 4) \times 5!)) - (((6 - 7!) \times 8) - 9) &= (9 + 8! - ((7 - 6! + 5) \times (4 + 3!/2))) \times 1 \\
 298042 &:= (1 + 2)! + ((3!!/4) + (5^6 + 7 \times 8! - 9)) &= (9 + 8! - ((7 - 6! + 5) \times (4 + 3!/2))) + 1 \\
 298043 &:= 1 - (2 - (3! \times ((4! \times 5! + 6 \times 7) \times (8 + 9)))) &= (9 \times 8 \times (7! - 6!)) - (((5 \times 4!) - 3!)^2) + 1) \\
 298044 &:= (((1 + 2)^3) + 4!) \times (5! + ((6 + 7!/8) \times 9)) &= (9 \times 8 \times (7! - 6!)) - (((5 \times 4!) - 3!)^2 \times 1) \\
 298045 &:= (1 - 2 \times 3!!) - (4 \times ((5! \times (6 - 7!/8) + 9)) &= (9 \times 8 \times (7! - 6!)) - (((5 \times 4!) - 3!)^2) - 1) \\
 298046 &:= (((1 + 2) \times (((3!! - 4) \times 5!) - 6)) - (7 - 8!)) - 9 &= ((9 + 8) \times (((7 \times 6) + (5! \times 4!)) \times 3!)) + (2 \times 1) \\
 298047 &:= (((1 + 2)! \times 3^4) + 5!) + (6^7 - 8! - 9) &= 9 - ((8! + (7 - (6! + (5! \times (4! + 3!)))))) \times (2 + 1)! \\
 298048 &:= ((1 + 2)!^3) - (4! - (5^6 + 7 \times 8! - 9)) &= (((9 + 8!) \times 7!/6!) + 5^4) + (3!! \times 21) \\
 298049 &:= (1 + ((2 + 3!) \times 4!)) + (5^6 + 7 \times 8! - 9) &= ((((-9 \times 8) + 7!) \times (6 + 54)) - 32) + 1) \\
 298050 &:= 1 \times (2 \times ((3!! \times (4! + 5!)) - (6 - (7! + 8! - 9)))) &= 9 + 8 - (((7 - 6!) \times ((5! - (4 - 3!))/2)) + 1) \\
 298051 &:= 1 + (2 \times ((3!! \times (4! + 5!)) - (6 - (7! + 8! - 9)))) &= 9 + (8 - ((7 - 6!) \times ((5! - (4 - 3!))/2 \times 1))) \\
 298052 &:= 1 - (2 - (((3 \times (4 - 5 - 6!)) - (7! - 8!)) \times 9)) &= 9 + (8 - (((7 - 6!) \times ((5! - (4 - 3!))/2)) - 1)) \\
 298053 &:= (1 - 2^3!) \times (4 + (((5! - (6! - 7)) \times 8) + 9)) &= (9 - (87 \times 6)) \times ((5 \times (4 - ((3 + 2)!)) - 1) \\
 298054 &:= 1 \times 2^3! - (((4^5 + 6) \times 7) - 8!) \times 9 &= ((9 + 8!) \times 7) - (((6 + 5) \times ((4 - 3!) \times 2)) + 1) \\
 298055 &:= (1 + 2^3!) - (((4^5 + 6) \times 7) - 8!) \times 9 &= ((9 + 8) \times ((7 + (6 \times 5!)) \times 4!)) + 3!! \times 2 - 1) \\
 298056 &:= 1 \times 2 + ((3!!/4) + (5^6 + (7 \times 8! + 9))) &= ((9 + (8!/(7! - 6!)/5!)) \times 4!) \times ((3! \times 2) - 1) \\
 298057 &:= (1 + 2) + ((3!!/4) + (5^6 + (7 \times 8! + 9))) &= (((9 + 8) \times (7 + 6!)) + 5!) \times 4! - (3!! \times 2 - 1) \\
 298058 &:= (((1 + 2) \times ((3!! - 4) \times 5!)) - 6) - (7 - 8! + 9) &= 98 + ((7 + 6) \times (5! \times ((4! \times (3! + 2)) - 1)))
 \end{aligned}$$

$$\begin{aligned}
 298059 &:= 1 \times ((2 \times ((3!! \times (4! + 5!)) - (6 - (7! + 8!)))) - 9) = (9 + ((8! - 7!) \times 6)) + (5 \times ((4! \times 3!!) - (2 + 1)!)) \\
 298060 &:= 1 - ((2 \times (3! - (((4! + 5!) \times 6!) + (7! + 8!)))) + 9) = (((9 \times 8) - 7 + 6) \times 5!) - 4) \times (3!^2 - 1) \\
 298061 &:= (1 + (((2 + 3!)! + (4 \times (5 + 6!))) \times 7)) - 8!/9 = (9 + 8) \times (7 + (((6! + 5) \times 4!) + (3! \times 21))) \\
 298062 &:= (1 - ((2 - (3!! \times 4!)) \times 5)) - ((6 \times (7! - 8!)) + 9) = ((9 - (8 - 7)))! - ((6 + (5! \times (4 - 3!))) \times (2 + 1)) \\
 298063 &:= 1 \times (((2 + (3^4 \times 5)) \times 6!) + (7! - (8 + 9))) = ((-9 - (8!/7!)) + (6^5)) + (4!^3 \times 21) \\
 298064 &:= 1 \times 2 + ((3! + (4! \times 5! + (6 \times 7! - 8))) \times 9) = 9 + 8! - 7 - ((6 + (5! \times (4 - 3!))) \times (2 + 1)) \\
 298065 &:= (1 - (2^{3!} \times (4^5 - 6!))) - ((7! - 8!) \times 9) = 9 - ((8 - ((7! - 6!) \times ((5 \times 4) + 3))) \times (2 + 1)) \\
 298066 &:= 1 - ((2 \times (3 - (((4! + 5!) \times 6!) + (7! + 8!)))) + 9) = ((9 + 8!) \times 7) - ((6 + 5) \times (((4 - 3!!) \times 2) - 1)) \\
 298067 &:= 1 + (((2 + 3!) \times 4!) + (5^6 + (7 \times 8! + 9))) = (9 \times (8! - 7!)) - ((6 \times ((5! \times (4! + 3)) + 2)) + 1) \\
 298068 &:= 1 \times (2 \times (3 + (((4! + 5!) \times 6!) + (7! + 8! - 9)))) = 9 - ((8 \times 7) - (((6! - ((5 + 4!) \times 3!))^2) - 1)) \\
 298069 &:= 1 - 2 \times 3! - ((4! \times 5! - (6! - (7! - 8!))) \times 9) = (9 + (8! + 7!)) + ((6! - 5 \times 4) \times (3!!/2 + 1)) \\
 298070 &:= 1 \times (2 - (3 \times (4 - (5!/6 \times (7! - 8 \times 9)))))) = (9 - (8 \times 7)) + (((6! - ((5 + 4!) \times 3!))^2) + 1) \\
 298071 &:= 1 + (2 - (3 \times (4 - (5!/6 \times (7! - 8 \times 9)))))) = (9 \times 8 \times (7! - 6!)) - ((5 + 4) \times (3!! \times 2 + 1)) \\
 298072 &:= (1 - 2 \times 3!!) - ((4 \times (5! \times (6 - 7!/8))) + 9) = ((9 + 8) \times ((7!/6! - (5 - 4!))^3)) - ((2 + 1)! \\
 298073 &:= (1 + 2^{3!}) + ((4! \times 5! + (6 \times 7! - 8)) \times 9) = (9 \times (8! - 7!) - 6) - (((54 \times 3!!)/2) + 1) \\
 298074 &:= 1 \times 2 + (3! \times 4! + (5^6 + (7 \times (8! + 9)))) = ((9 \times (8! - 7!)) + (6! - 5)) - (((4!/3!)/2) + 1) \\
 298075 &:= (1 - ((2 \times (3^4 \times 5!)) + 6)) - ((7! - 8!) \times 9) = ((9 \times (8! - 7!)) + (6! - 5)) - (4 \times ((3! + (2 - 1)))!) \\
 298076 &:= (1 + 2)! - ((3! + 4) \times (5^6 - ((7! + 8) \times 9))) = ((9 \times (8! - 7!)) + (6! - 5)) - (((4!/3!)/2) - 1) \\
 298077 &:= 1 \times ((2 \times ((3!! \times (4! + 5!)) - (6 - (7! + 8!)))) + 9) = (9 + (((8!/7) - 6 \times 5) \times 4)) \times (3! \times 2 + 1) \\
 298078 &:= 1 + ((2 \times ((3!! \times (4! + 5!)) - (6 - (7! + 8!)))) + 9) = (9 + ((8! - 7!) \times 6)) + ((5 \times ((4! \times 3!!) - 2)) - 1) \\
 298079 &:= (1 - (((2 - (3 \times 4! \times 5)) \times 6!) - 7)) + (8! - 9) = ((9 \times (8! - 7!)) + (6 \times 5!)) - (((4!/3!)/2) + 1) \\
 298080 &:= (1 - ((2 - (3!! \times 4!)) \times 5)) - ((6 \times (7! - 8!)) - 9) = (9 + ((8! - 7!) \times 6)) + ((5 \times ((4! \times 3!!) - 2)) + 1) \\
 298081 &:= (1 + (2 \times (3!! \times (4! + 5!)))) - ((6 \times 7! - 8!) \times 9) = ((9 \times (8! - 7!)) + (6 \times 5!)) - (((4!/3!)/2) - 1) \\
 298082 &:= (1 + ((2 + 3!! \times 4!) \times 5)) - ((6 \times (7! - 8!)) + 9) = 9 + 8! - 7 + ((6 \times 5! - 4) \times (3!!/2 \times 1)) \\
 298083 &:= (1 - ((2 - (3 \times 4! \times 5)) \times 6!)) - (7 - 8! - 9) = 9 + 8! - 7 + (((6 \times 5! - 4) \times 3!!/2) + 1) \\
 298084 &:= 1 - ((2 \times (3 - (((4! + 5!) \times 6!) + (7! + 8!)))) - 9) = ((9 \times (8! - 7!)) + (6! + 5)) - (((4!/3!)/2) + 1) \\
 298085 &:= 1 + (2 \times (3! - (4 - ((5 \times 6) \times (7! - 8 \times 9)))))) = ((9 \times (8! - 7!)) + (6! + 5)) - (4 \times ((3! + (2 - 1)))!) \\
 298086 &:= (((1 + 2) + 3!! \times 4!) \times 5) - ((6 \times (7! - 8!)) + 9) = ((9 \times (8! - 7!)) + (6! + 5)) - (((4!/3!)/2) - 1) \\
 298087 &:= (1 - ((2 \times (3^4 \times 5!)) - 6)) - ((7! - 8!) \times 9) = (9 + 8! \times 7) - ((6! \times (5 - (4! + 3))) + 2 \times 1) \\
 298088 &:= 1 \times 2 + 3! - ((4! \times 5! - (6! - (7! - 8!))) \times 9) = (9 + ((8! + 7!) \times 6)) + ((5 \times ((4! \times 3)^2)) - 1) \\
 298089 &:= (1 - 2^{3!}) + ((4! \times 5! + (6 \times 7! + 8)) \times 9) = (9 + (8!/7)) - ((6! + 5!) \times ((4! - 3!!)/2 \times 1)) \\
 298090 &:= (1 - 2 \times 3!!) - ((4 \times (5! \times (6 - 7!/8))) - 9) = (9 + ((8! + 7!) \times 6)) + ((5 \times ((4! \times 3)^2)) + 1) \\
 298091 &:= ((1 + 2 \times 3! \times 4!) + 5^6) + (7 \times (8! - 9)) = (9 \times (8! - 7!)) - ((6 \times ((5! \times (4! + 3)) - 2)) + 1) \\
 298092 &:= (1 + 2) - ((3! \times ((4! \times (5! - 6!)) + 7! - 8!)) - 9) = (9 + (((8! - (7! - (6! \times (5 \times 4)))) \times 3!) + 2)) + 1) \\
 298093 &:= 1 + 2 \times 3! - ((4! \times 5! - (6! - (7! - 8!))) \times 9) = (9 \times (8! - 7!)) - ((6 \times ((5! \times (4! + 3)) - 2)) - 1) \\
 298094 &:= 1 \times 2 + (3 \times (4 + (5!/6 \times (7! - 8 \times 9)))) = (9 + ((8! + 7!) \times 6)) + (5 \times (((4! \times 3)^2) + 1)) \\
 298095 &:= 1 \times ((2 \times (3 + (((4! + 5!) \times 6!) + (7! + 8!)))) + 9) = (9 + (8! + 7)) + (((6 \times 5! - 4) \times 3!!/2) - 1) \\
 298096 &:= 1 + ((2 \times (3 + (((4! + 5!) \times 6!) + (7! + 8!)))) + 9) = 9 - (8 + ((7!/6 - 5) \times (((4 - 3!!)/2) + 1))) \\
 298097 &:= (1 - (((2 - (3 \times 4! \times 5)) \times 6!) - 7)) + (8! + 9) = (9 + (8! + (7! \times 6))) + (((5! \times 4) - 3)^2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 298098 &:= 1 \times 2 + ((3! \times (4! - 5)) + (6^7 + 8!/9)) &= (9 + ((8! - 7!) \times 6)) + ((5 \times ((4! \times 3!)) + 2)) - 1 \\
 298099 &:= (((1 \times 2 + 3! \times 4!) \times 5) - (6 \times (7! - 8!))) + 9 &= 9 + 8! + ((7! \times 6) + (((5! \times 4) - 3!)^2 + 1)) \\
 298100 &:= (1 + ((2 + 3! \times 4!) \times 5)) - ((6 \times (7! - 8!)) - 9) &= (9 + ((8! - 7!) \times 6)) + ((5 \times ((4! \times 3!)) + 2)) + 1 \\
 298101 &:= 1 \times ((2 \times ((3! \times (4! + 5!)) + (6 + (7! + 8!)))) + 9) &= 9 + ((8! + (7! + (6 + ((5! + 4!) \times 3!)))) \times 2 \times 1) \\
 298102 &:= 1 + ((2 \times ((3! \times (4! + 5!)) + (6 + (7! + 8!)))) + 9) &= (9 + (8! + 7!)) - (6 \times ((5! \times ((4 - 3!)/2)) - 1)) \\
 298103 &:= (1 \times 23) - ((4! \times 5! - (6! - (7! - 8!))) \times 9) &= (9 \times 8 \times (7 + 6!)) + ((5! \times (4^{3!}/2)) - 1) \\
 298104 &:= (1 + 2)! - ((3! - (4! \times 5! + (6 \times 7! + 8))) \times 9) &= (9 \times 8 \times (7 + 6!)) + (5! \times (4^{3!}/2 \times 1)) \\
 298105 &:= 1 \times ((2 \times ((3! + 4) \times (5 + 6))) + (7 \times (8! - 9))) &= (9 \times 8 \times (7 + 6!)) + ((5! \times (4^{3!}/2)) + 1) \\
 298106 &:= 1 - (2 + (((3 \times ((4 - 5) + 6!)) + 7! - 8!) \times 9)) &= 9 \times 8 - ((7 - 6!) \times ((5! - (4 - 3!))/2 \times 1)) \\
 298107 &:= (1 - (2^{3!} + (4 \times 5!))) \times (((6! - 7!)/8) - 9) &= 9 \times 8 - (((7 - 6!) \times ((5! - (4 - 3!))/2)) - 1) \\
 298108 &:= 12 + ((3! \times (4! - 5)) + (6^7 + 8!/9)) &= (9 \times (8! - 7!)) - ((6! + (5! + 4)) \times ((3! - 2!) - 1)) \\
 298109 &:= 1 \times 2 + ((3 - (4! \times 5! - (6! - (7! - 8!)))) \times 9) &= 9 - 8 - (7 - (((6! - ((5 + 4!) \times 3!))^2 - 1)) \\
 298110 &:= 1 \times 2 \times ((3! \times (4! + 5!)) + (6 + (7! + 8! + 9))) &= (9 + (8! + (7! + (6 + ((5! + 4!) \times 3!)))) \times 2 \times 1 \\
 298111 &:= (1 + 2) + ((3!/4) + (5^6 + (7 \times (8! + 9)))) &= 9 - 8 - (7 - (((6! - ((5 + 4!) \times 3!))^2 + 1)) \\
 298112 &:= 1 \times ((2 + (((3 + 4)^5) + (6! + 7))) \times (8 + 9)) &= 9 + (8 - ((7!/6 - 5) \times (((4 - 3!)/2) + 1))) \\
 298113 &:= (1 + ((2^{3!} \times 4) + 5^6)) + (7 \times 8! - 9) &= ((9 + 8! - 7!) \times 6) + ((5 \times (4! \times 3!)) - 21) \\
 298114 &:= (((1 + 2 \times 3!) \times 4!) + 5^6) + (7 \times (8! - 9)) &= (9 + (8! + 7!)) + ((6 - (5! \times (4 - 3!))) \times (2 + 1)) \\
 298115 &:= (((1 + 2)!! + (3! + 4)) \times (5 + 6)) + 7 \times 8! - 9 &= (9 \times (8 + ((7! \times 6) + (5! \times 4!)))) - (3!^2 + 1) \\
 298116 &:= ((1 + 2^{3!}) \times 4) + (5^6 + 7 \times 8! - 9) &= 9 - (8 - (((7 \times ((6 + (5 \times 4)) \times 3))^2 - 1)) \\
 298117 &:= (1 - 2 \times 3!) - (4 \times ((5! \times (6 - 7!/8)) - 9)) &= (9 \times (8 + ((7! \times 6) + (5! \times 4!)))) - (3!^2 - 1) \\
 298118 &:= ((1 + 2)!!/3) + (4 + (5^6 + (7 \times 8! + 9))) &= (9 + 8! \times 7) - (6 - (((5 \times 4!) + 3!)^2 - 1)) \\
 298119 &:= (1 + 2) \times (((3! + 4)^5) - ((6 + 7!/8) - 9)) &= (((9 + 8! \times 7) - 6) + (((5 \times 4!) + 3!)^2)) \times 1 \\
 298120 &:= 1 \times (((2 + 3!) \times 4!) + (5^6 + (7 \times (8! + 9)))) &= 9 + (((8! \times 7) - 6) + (((5 \times 4!) + 3!)^2 + 1)) \\
 298121 &:= 1 + (((2 + 3!) \times 4!) + (5^6 + (7 \times (8! + 9)))) &= (9 \times (8 + ((7! \times 6) + (5! \times 4!)))) - (32 - 1) \\
 298122 &:= 1 \times (2 \times (((3! \times 4! + 5) \times 6) + (7! + 8! - 9))) &= (((9 - 8) \times 7) + ((6! - ((5 + 4!) \times 3!))^2) - 1 \\
 298123 &:= 1 + (2 \times (((3! \times 4! + 5) \times 6) + (7! + 8! - 9))) &= ((9 + 8! - 7!) \times 6) + ((5 \times ((4! \times 3!)) - 2)) - 1 \\
 298124 &:= 1 + (2 - (((3 + 4)^5) - ((6^7/8) \times 9))) &= ((9 + 8! - 7!) \times 6) + (5 \times ((4! \times 3!)) - (2 \times 1)) \\
 298125 &:= (1 - (2 \times (3 + 4!))) \times ((5 - (6! \times 7/8)) \times 9) &= ((9 + 8! - 7!) \times 6) + ((5 \times ((4! \times 3!)) - 2)) + 1 \\
 298126 &:= (((1 + (2 \times 3! + 4)) \times (5 + 6)) + 7 \times 8! - 9) &= (9 + 8! \times 7) + (((6 + 5!)^{(4-3) \times 2}) + 1) \\
 298127 &:= 1 \times 2 - ((3! \times 4 - (5 + 6! - (7! - 8!))) \times 9) &= (9 \times (8 + ((7! \times 6) + (5! \times 4!)))) - ((3! - 2!) + 1) \\
 298128 &:= (1 - ((2 - (3! \times 4)) \times (5 + 6!))) + (7 \times (8! - 9)) &= ((9 + 8) \times (((7!/6 - 5) \times (4! - 3)) + 2)) - 1 \\
 298129 &:= 1 - (2 - ((3! + 4) \times (5 + (6 \times (7! - 8 \times 9)))))) &= ((9 + (8! + 7!)) \times 6) + (5 \times (((4! \times 3!)^2) - 1)) \\
 298130 &:= (((((1 + 2)!) \times (3! + 4)) + 5) \times 6 \times 7) - 8!/9 &= (9 + 8! \times 7) + ((6 + (((5 \times 4!) + 3!)^2)) - 1) \\
 298131 &:= 1 \times ((2 \times (((3! \times 4! + 5) \times 6) + (7! + 8!))) - 9) &= (9 + 8! \times 7) + (6 + (((5 \times 4!) + 3!)^2 \times 1)) \\
 298132 &:= (1 + (2 \times (((3! \times 4! + 5) \times 6) + (7! + 8!)))) - 9 &= (9 + 8! \times 7 + 6) + (((5 \times 4!) + 3!)^2 + 1) \\
 298133 &:= 1 + (2 + ((3! + 4) \times (5 + (6 \times (7! - 8 \times 9)))))) &= ((9 + (8! + 7!)) \times 6) + ((5 \times ((4! \times 3!)^2)) - 1) \\
 298134 &:= ((1 + 2^{3!}) \times 4) + (5^6 + (7 \times 8! + 9)) &= 9 + 8 + (((7 \times ((6 + (5 \times 4)) \times 3))^2) + 1) \\
 298135 &:= (1 - (2 \times (3^4 \times 5!))) + ((6 - (7! - 8!)) \times 9) &= ((9 + (8! + 7!)) \times 6) + ((5 \times ((4! \times 3!)^2)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 298136 &:= 1 \times 2 - (3! \times ((4! \times (5! - 6!)) + (7! - 8! - 9))) &= 9 + ((8 + ((7 \times 6!) + 5)) \times (((4! + 3!) \times 2) - 1)) \\
 298137 &:= (1 + 2) \times (((3! + 4)^5) - ((6! \times 7/8) - 9)) &= (9 - 8) \times (7 \times (((((6 + 5) \times 4)^3)/2) - 1)) \\
 298138 &:= (1 - 2 \times 3!) + ((4! \times (5 + 6!)) + (7 \times (8! - 9))) &= 9 - (8 - (7 \times (((((6 + 5) \times 4)^3)/2) - 1))) \\
 298139 &:= (-1 - 2 \times 3!) + ((4! \times 5! + (6 \times 7! + 8)) \times 9) &= ((9 \times (8! - 7!)) + 6!) + (((5! - (4!/3!))/2) - 1) \\
 298140 &:= 1 \times (2 \times (3! + (4! + ((5 \times 6) \times (7! - 8 \times 9)))) &= ((9 \times (8! - 7!)) + 6!) + (((5! - (4!/3!))/2) \times 1) \\
 298141 &:= (1 - 2 \times 3!) + ((4! \times 5! + (6 \times 7! + 8)) \times 9) &= ((9 \times (8! - 7!)) + 6!) + (((5! - (4!/3!))/2) + 1) \\
 298142 &:= 1 - (2 + (((3!! \times (4 + 5)) + (6! - (7 + 8!))) \times 9)) &= (9 \times (8 + ((7! \times 6) + (5! \times 4!)))) - (3^2 + 1) \\
 298143 &:= ((1 + 2) \times 3!) + (((4! - 5) \times 6!) + (7 \times (8! + 9))) &= ((9 + 8! - 7!) \times 6) + ((5 \times ((4! \times 3!)) + 2)) - 1) \\
 298144 &:= (1 - 2 \times 3!) + ((4! \times 5! \times 6) + (7 \times (8! + 9))) &= (9 \times ((8! + 7) - 6^5)) + (((4! \times 3!)^2) + 1) \\
 298145 &:= (1 + 2^{3!}) - ((4! \times 5! - (6! - (7! - 8!))) \times 9) &= ((9 + 8! - 7!) \times 6) + ((5 \times ((4! \times 3!)) + 2)) + 1) \\
 298146 &:= ((1 - (2 \times 3^4)) \times 5!) - (((6 + 7!) - 8!) \times 9) &= 9 - (8 - ((7 \times (((6 + 5) \times 4)^3)/2)) + 1) \\
 298147 &:= 1 \times (((2 + 3^4) \times (5 \times 6! - 7)) - 8 \times 9) &= (9 + 8! - (7! - 6!)) - (5 - ((4^3)^2) - 1) \\
 298148 &:= (1 + ((2 + 3^4) \times (5 \times 6! - 7))) - 8 \times 9 &= ((9 \times (8 + ((7! \times 6) + (5! \times 4!)))) - (3 + 2)) + 1) \\
 298149 &:= 1 \times ((2 \times (((3!! \times 4! + 5) \times 6) + (7! + 8!))) + 9) &= (9 + 8! - (7! - 6!)) - (5 - ((4^3)^2) + 1) \\
 298150 &:= (1 + (2 \times (((3!! \times 4! + 5) \times 6) + (7! + 8!)))) + 9 &= 9 + (((8! + (7! + (6 \times (5 + 4! \times 3!)))) \times 2) + 1) \\
 298151 &:= 1 \times 2 - (3 - ((4! \times 5! + (6 \times 7! + 8)) \times 9)) &= ((9 + 8!) \times 7) + ((6! + (((5 \times 4!) + 3)^2)) - 1) \\
 298152 &:= 1 + ((2 - 3) + ((4! \times 5! + (6 \times 7! + 8)) \times 9)) &= (9 + 8! - 7!) + (((6 \times 5!) + (4^3)^2) - 1) \\
 298153 &:= (1 - (((2 + (3 \times 4!)) - 5) \times (6! - 7!))) + 8 \times 9 &= ((9 + 8!) \times 7) + (6! + (((5 \times 4!) + 3)^2) + 1) \\
 298154 &:= (1 - 2) + (3 + ((4! \times 5! + (6 \times 7! + 8)) \times 9)) &= (9 + 8! - 7!) + ((6 \times 5!) + ((4^3)^2) + 1) \\
 298155 &:= (1 + 2) \times ((3! + 4)^5 + (6 - (7!/8 - 9))) &= ((9 \times (8 + ((7! \times 6) + (5! \times 4!)))) + (3! - 2)) - 1) \\
 298156 &:= (((1 + 2) \times (3!! - 4) \times 5!) + (67 + 8!)) + 9 &= ((9 \times (8 + ((7! \times 6) + (5! \times 4!)))) + (3! - 2)) \times 1) \\
 298157 &:= 1 - (2 - (3! + ((4! \times 5! + (6 \times 7! + 8)) \times 9))) &= (9 + 8! - (7! - 6!)) + ((5 + (4^3)^2) - 1) \\
 298158 &:= 1 \times 2 \times (((3!! \times 4! + 5) \times 6) + (7! + 8! + 9)) &= (9 + (8! + (7! + (6 \times (5 + 4! \times 3!)))) \times 2 \times 1) \\
 298159 &:= 1 \times ((2 \times ((3!! + 4) \times (5 + 6))) + 7 \times 8! - 9) &= (9 + 8! - (7! - 6!)) + (5 + ((4^3)^2) + 1) \\
 298160 &:= 1 \times (2 + (3! + ((4! \times 5! + (6 \times 7! + 8)) \times 9))) &= (9 + 8! \times 7) + (((6^5 \times 4) + 3!)/2) - 1) \\
 298161 &:= 1 + (2 + (3! + ((4! \times 5! + (6 \times 7! + 8)) \times 9))) &= ((9 \times (8 + ((7! \times 6) + (5! \times 4!)))) + (3! + 2)) + 1) \\
 298162 &:= ((1 + ((2 + 3^4) \times (5 \times 6!))) - 7!/8) - 9 &= (9 \times (8 + ((7! \times 6) + (5! \times 4!)))) + 3^2 + 1) \\
 298163 &:= ((1 + 2 \times 3! \times 4!) + (5^6 + 7 \times 8!)) + 9 &= ((9 \times (8 + ((7! \times 6) + (5! \times 4!)))) + (3! \times 2)) - 1) \\
 298164 &:= 1 \times (2 \times (((3!! \times 4! - 5) \times 6) + ((7! + 8) \times 9))) &= ((9 \times (8 + ((7! \times 6) + (5! \times 4!)))) + (3! \times 2)) \times 1) \\
 298165 &:= 1 + 2 \times 3! + ((4! \times 5! + (6 \times 7! + 8)) \times 9) &= ((9 \times (8 + ((7! \times 6) + (5! \times 4!)))) + (3! \times 2)) + 1) \\
 298166 &:= (((-1 + (2 \times (3!! + 4))) \times (5 + 6)) + 7 \times 8!) + 9 &= (9 + 8! \times 7) + ((6 + 5) \times (((4 + 3!)) \times 2) - 1) \\
 298167 &:= (((((12^3) \times 4) + (5! + 6 \times 7!)) \times 8) - 9) &= 9 \times 8 - ((7!/6 - 5) \times (((4 - 3!)/2) + 1)) \\
 298168 &:= (((1 + 2 \times 3!) \times 4!) + 5^6) + (7 \times 8! - 9) &= (9 + (8! + (7 - ((6! + 5) \times 4!)))) \times (3! \times 2 + 1) \\
 298169 &:= (((1 \times 2 + 3!) \times ((4 \times 5!) - 67)) - 8) - 9 &= 9 - (8 \times (((7 + 6) \times (5 - (4 \times (3! - 2)))) + 1)) \\
 298170 &:= 1 \times 2 \times ((3!! \times 4! - ((5 - 6!) \times (7 - 8))) \times 9) &= (9 \times (8 + ((7! \times 6) + (5! \times 4!)))) + 3 \times (2 + 1)! \\
 298171 &:= (((1 + 2) \times 3^4) + 5^6) + (7 \times (8! + 9)) &= (98 - 7) - ((6 - (5! + 4!)) \times 3 \times (2 + 1)!) \\
 298172 &:= ((1 + 2)!!/3) + (4 + (5^6 + (7 \times (8! + 9)))) &= ((9 + 8!) \times 7) - (6 - (((5 \times 4!) + 3!)^2) - 1) \\
 298173 &:= ((12 \times (((3!! - 4) \times (5 \times 6)) + 7)) + 8!) + 9 &= (((9 + 8!) \times 7) - 6) + (((5 \times 4!) + 3!)^2) \times 1)
 \end{aligned}$$

$$\begin{aligned}
 298174 &:= (1 + ((2 + 3!) \times 4!)) + (5 \times ((6! \times 78) + 9)) &= ((9 + 8!) \times 7) - (6 - (((5 \times 4!) + 3!)^2) + 1)) \\
 298175 &:= 1 \times (23 + ((4! \times 5! + (6 \times 7! + 8)) \times 9)) &= (9 \times (8 + ((7! \times 6) + (5! \times 4!)))) + ((3! - 2)! - 1) \\
 298176 &:= (1 \times 2^{3!}) \times (4! - (5 - (6! - ((7! - 8!)/9)))) &= 9 - (((8 \times (7 + 6)) \times (5 - (4 \times (3!! - 2)))) + 1) \\
 298177 &:= 1 - ((2 - 3!) \times (4! + (5! \times ((6! \times 7/8) - 9)))) &= (9 \times (8 + ((7! \times 6) + (5! \times 4!)))) + ((3! - 2)! + 1) \\
 298178 &:= (1 + (((2 \times (3 + 4!)) + 5) \times (6 + 7! + 8))) - 9 &= ((9 + 8!) \times 7) + (((6 + 5!)^{(4-3) \times 2}) - 1) \\
 298179 &:= (1 + 2)!! - (((3! - 4! \times 5!)/6) \times (7!/8 - 9)) &= (9 + ((8 + ((7! \times 6) + (5! \times 4!))) \times 3)) \times (2 + 1) \\
 298180 &:= ((1 + ((2 + 3^4) \times (5 \times 6!))) - 7!/8) + 9 &= 9 \times 8 - (7 - (((6! - ((5 + 4!) \times 3!))^2) - 1)) \\
 298181 &:= 1 \times (2 + (((3 - (4^5 + 6)) \times 7) + 8!) \times 9)) &= (9 \times (8 + ((7! \times 6) + (5! \times 4! + 3)))) + (2 \times 1) \\
 298182 &:= 1 + (2 + (((3 - (4^5 + 6)) \times 7) + 8!) \times 9)) &= 9 \times 8 - (7 - (((6! - ((5 + 4!) \times 3!))^2) + 1)) \\
 298183 &:= ((1 + ((2 \times 3!)/4)) \times (5! + 6!)) - (7! + 8 + 9) &= ((9 \times (8 + ((7! \times 6) + (5! \times 4!)))) + 32) - 1 \\
 298184 &:= 1 \times ((2^{3!} \times 4) + (5^6 + (7 \times (8! + 9)))) &= ((9 + 8!) \times 7) + ((6 + (((5 \times 4!) + 3!)^2)) - 1) \\
 298185 &:= (1 + ((2^{3!} \times 4) + 5^6)) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + (6 + (((5 \times 4!) + 3!)^2 \times 1)) \\
 298186 &:= (((1 + 2 \times 3!) \times 4!) + 5^6) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + 6) + (((5 \times 4!) + 3!)^2 + 1) \\
 298187 &:= (((1 + 2)!! + (3!! + 4)) \times (5 + 6)) + (7 \times (8! + 9)) &= (9 \times (8 + ((7! \times 6) + (5! \times 4!)))) + (3!^2 - 1) \\
 298188 &:= ((1 + 2^{3!}) \times 4) + (5^6 + (7 \times (8! + 9))) &= 9 \times 8 + ((7 \times ((6 + (5 \times 4)) \times 3))^2 \times 1) \\
 298189 &:= 1 - (((((2 + 3)! \times (4 + 5!)) - 6^7)/8) \times 9) &= ((9 \times ((8 + 7! - (6 - (5! \times 4))) \times 3!)) + 2) - 1 \\
 298190 &:= 1 \times (2 + (((3 \times (4 - 5! \times 6)) - (7! - 8!)) \times 9)) &= ((9 \times ((8 + 7! - (6 - (5! \times 4))) \times 3!)) + 2) \times 1 \\
 298191 &:= 1 + (2 + (((3 \times (4 - 5! \times 6)) - (7! - 8!)) \times 9)) &= (9 \times ((8 + 7!) \times 6)) + (((5! \times 4)/3)^2) - 1) \\
 298192 &:= (1 - 2 \times 3!!) + ((4! \times (5 + 6!)) + 7 \times 8! - 9) &= (9 - (((8 + 7! + 6) \times (5 - 4^3)) + 2)) - 1 \\
 298193 &:= 1 - (2 - (3! \times (4! - (5 - (6! \times (78 - 9)))))) &= (9 - (((8 + 7! + 6) \times (5 - 4^3)) + 2)) \times 1 \\
 298194 &:= (((1 - (2 \times 3^4)) \times 5!) - 6) - ((7! - 8!) \times 9) &= (9 - (((8 + 7! + 6) \times (5 - 4^3)) + 2)) + 1 \\
 298195 &:= 1 \times (((((2 \times (3 + 4!)) + 5) \times (6 + 7! + 8)) + 9) &= (((9 \times 8 \times (7! - 6!)) + 5!)/4!) \times ((3! - 2)! - 1) \\
 298196 &:= 1 - (2 - (((3!! \times 4) + (5 + (6 \times 7! + 8))) \times 9)) &= ((9 + 8!) \times 7) + ((6! - (5 + 4!)) \times ((3! - 2)! - 1)) \\
 298197 &:= (((1 + 2)^3 + 4!) \times (((5 + (6! + 7)) \times 8) - 9) &= (9 - ((8 + 7! + 6) \times (5 - 4^3))) + (2 \times 1) \\
 298198 &:= ((1 + (2 \times 3!! + 4)) \times (5 + 6)) + (7 \times (8! + 9)) &= (9 + 8! \times 7) + (((6! + 5) \times ((4 \times 3!) - 2)) - 1) \\
 298199 &:= 1 \times (2 + (((3!! \times 4) + (5 + (6 \times 7! + 8))) \times 9)) &= ((9 \times (8! - 7!)) + (6! + 5!)) - (((4!/3)!/2) + 1) \\
 298200 &:= 1 + (2 + (((3!! \times 4) + (5 + (6 \times 7! + 8))) \times 9)) &= (9 \times (8!/7)) + (6! + (5! \times (4^{3!}/2 - 1))) \\
 298201 &:= ((1 + ((2 \times 3!)/4)) \times (5! + 6!)) - (7! + (8 - 9)) &= ((9 \times (8! - 7!)) + (6! + 5!)) - (((4!/3)!/2) - 1) \\
 298202 &:= (((1 \times 2 + 3^4) \times (5 \times 6! - 7)) - 8) - 9 &= 9 - ((8 + (7 \times ((6! + (5! \times (4 - 3!))))/2))) - 1) \\
 298203 &:= (1 + 2)! + (((3!! \times 4) + (5 + (6 \times 7! + 8))) \times 9) &= 9 + (8 - (7 \times ((6 - (5! + 4)) \times (3!!/2 + 1)))) \\
 298204 &:= (1 + ((2 + 3!) \times ((4 \times 5!) - 67))) + (8 + 9) &= ((9 \times (8! - ((7 - (6! \times 5)) \times (4 - 3!)))) - 2) \times 1 \\
 298205 &:= 1 - (2 + (((3! - 4) \times (5 \times 6! - 7)) - 8!) \times 9)) &= ((9 \times (8! - ((7 - (6! \times 5)) \times (4 - 3!)))) - 2) + 1 \\
 298206 &:= (((1 - (2 \times 3^4)) \times 5!) + 6) - ((7! - 8!) \times 9) &= (9 \times (8! + (7 - (6! \times ((5!/4) + 3)))) \times 2 \times 1 \\
 298207 &:= (1 + ((2 - (3! \times 4)) \times 5!)) \times (6 - (7 \times (8 + 9))) &= (9 - 8) \times (7 - ((6! + 5!) \times (4 - (3!!/2 - 1)))) \\
 298208 &:= 1 \times 2 + ((3! + (4! \times 5! + (6 \times 7! + 8))) \times 9) &= (9 + (8! \times 7 + ((6! + 5) \times 4!))) - (3!! \times 2 + 1) \\
 298209 &:= (1 + (2 \times (3! \times 4! + ((5 \times 6) \times 7!)))) - 8!/9 &= (9 + ((8! + 7!) \times 6)) + (5! \times ((4! \times (3^2)) + 1)) \\
 298210 &:= (1 - 2 \times 3!!) + ((4! \times (5 + 6!)) + (7 \times 8! + 9)) &= (9 + (8! \times 7 + ((6! + 5) \times 4!))) - (3!! \times 2 - 1) \\
 298211 &:= -1 - (2 \times (3! - (((4! + 5!) \times 6!) + ((7! + 8) \times 9)))) &= 9 + ((87 + ((6! - ((5 + 4!) \times 3!))^2)) - 1) \\
 298212 &:= 1 \times (2 \times ((3!! \times (4! + 5!)) - (6 - ((7! + 8) \times 9)))) &= ((9 \times (8 + 7!)) - (6 - ((5! + 4!) \times 3!))) \times 2 \times 1
 \end{aligned}$$

$$\begin{aligned}
 298213 &:= 1 - (2 \times (3! - ((4! + 5!) \times 6!) + ((7! + 8) \times 9))) &= (9 \times (8! - 7!) - ((6! - 5) \times (4! + 3))) - 2 \times 1 \\
 298214 &:= 1 - (2 - (((3!! \times 45) + (6! + (7 + 8))) \times 9)) &= ((9 + 8!) \times 7) + (((6^5 \times 4) + 3!!)/2) - 1 \\
 298215 &:= (((1 + 2) \times (((3!! - 4) \times 5!) + 6 \times 7)) + 8!) + 9 &= ((9 + 8!) \times 7) + (((6^5 \times 4) + 3!!)/2 \times 1) \\
 298216 &:= 1 \times ((2 \times 3! \times 4!) + (5^6 + (7 \times (8! + 9)))) &= ((9 + 8! \times 7) + (6^5)) + ((4^{3!} \times 2) - 1) \\
 298217 &:= (1 + 2^{3!}) + ((4! \times 5! + (6 \times 7! + 8)) \times 9) &= (((9 \times (8 + 7!)) + ((6! \times (5! + 4!)) - 3)) \times 2) - 1 \\
 298218 &:= (((1 \times 2 + 3^4) \times (5 \times 6! - 7)) + 8) - 9 &= (((9 \times (8 + 7!)) + ((6! \times (5! + 4!)) - 3)) \times 2) \times 1 \\
 298219 &:= (1 + (((2 + 3^4) \times (5 \times 6! - 7)) + 8)) - 9 &= (((9 \times (8 + 7!)) + ((6! \times (5! + 4!)) - 3)) \times 2) + 1 \\
 298220 &:= ((1 + 2 \times 3!) \times 4) \times (((5 + 6! - 7) \times 8) - 9) &= ((9 + 8!) \times 7) + ((6 + 5) \times (((4 + 3!!) \times 2) - 1)) \\
 298221 &:= (1 + (2 \times ((3! + 4!) \times (5 + (6! \times 7)))) - 8!/9 &= (((((9 \times 8) + 7) \times (6! \times 5)) + (4!^3)) - 2) - 1 \\
 298222 &:= (-1 - 2 \times 3!!) + (((4 \times (5! + 6!)) + 7) \times 89) &= (((((9 \times 8) + 7) \times (6! \times 5)) + (4!^3)) - 2) \times 1 \\
 298223 &:= 1 - (2 - (3! \times (4! + (5! \times (6 \times (78 - 9)))))) &= (((((9 \times 8) + 7) \times (6! \times 5)) + (4!^3)) - 2) + 1 \\
 298224 &:= ((1 + 2 \times 3!!) \times (4! + 5!)) - ((6 \times 7! - 8!) \times 9) &= (9 \times (8! - (7! \times 6))) + ((5! + 4!) \times (3!! \times 2 + 1)) \\
 298225 &:= 1 - (2 \times (((3 + 4)!) + (5 \times (6! - 7!) - 8)) \times 9) &= (((((9 \times 8) + 7) \times (6! \times 5)) + (4!^3 + 2)) - 1) \\
 298226 &:= 1 \times (2 + (3! \times (4! + (5! \times (6 \times (78 - 9)))))) &= (((((9 \times 8) + 7) \times (6! \times 5)) + (4!^3 + 2)) \times 1) \\
 298227 &:= (12 + ((3 + 4!) \times (5 - 6!))) - ((7! - 8!) \times 9) &= (((((9 \times 8) + 7) \times (6! \times 5)) + (4!^3 + 2)) + 1) \\
 298228 &:= (1 + (2 + 3!))! + ((45 + 6) \times (7! + 8 + 9)) &= (((-9 + 8!) \times 7) - (6! + 5)) + (4! \times (3!! - 21)) \\
 298229 &:= 1 - (2 + (3 \times (4 - ((5! + 6) \times 789)))) &= (((9 \times (8 + 7!)) + ((6! \times (5! + 4!)) + 3)) \times 2) - 1 \\
 298230 &:= 1 \times (2 \times (3 + (((4! + 5!) \times 6!) + ((7! + 8) \times 9))) &= (((9 \times (8 + 7!)) + ((6! \times (5! + 4!)) + 3)) \times 2) \times 1 \\
 298231 &:= 1 + (2 \times (3 + (((4! + 5!) \times 6!) + ((7! + 8) \times 9))) &= (((9 \times (8 + 7!)) + ((6! \times (5! + 4!)) + 3)) \times 2) + 1 \\
 298232 &:= (1 + (2 \times ((3!! + 4) \times (5 + 6)))) + (7 \times (8! + 9)) &= 9 + 8 + (((7 - (6! + 5!)) \times ((4 - 3!!)/2)) + 1) \\
 298233 &:= 1 - ((2 \times (3! \times (4 - (5 \times (6 + 7)))))) + 8!/9 &= (((((9 + 8) + 7!/6) \times ((5! - 4) \times 3)) - 2) - 1) \\
 298234 &:= ((1 + (((2 \times 3! \times 4!) + 5!) \times 6!)) - 7) + 8!/9 &= (((((9 + 8) + 7!/6) \times ((5! - 4) \times 3)) - 2) \times 1) \\
 298235 &:= 1 + (((2 \times 3!!)/4) + (5^6 + (7 \times 8! + 9))) &= (((((9 + 8) + 7!/6) \times ((5! - 4) \times 3)) - 2) + 1) \\
 298236 &:= (((1 \times 2 + 3^4) \times (5 \times 6! - 7)) + 8) + 9 &= 9 + ((8! \times 7) - (((6 - ((5 \times 4)^3)) \times 2) + 1)) \\
 298237 &:= (1 + (((2 + 3^4) \times (5 \times 6! - 7)) + 8)) + 9 &= 9 + ((8! \times 7) - ((6 - ((5 \times 4)^3)) \times 2 \times 1)) \\
 298238 &:= -1 + (((2 - 3!) \times (4 - (5! + 6!))) + 7) \times 89 &= 9 + ((8! \times 7) - (((6 - ((5 \times 4)^3)) \times 2) - 1)) \\
 298239 &:= 1 - (2 - (((3! + 45) \times (6! + 7!)) + 8!/9)) &= (((((9 + 8) + 7!/6) \times ((5! - 4) \times 3)) + 2) + 1) \\
 298240 &:= (((1 + 2 \times 3!) \times 4!) + 5^6) + (7 \times (8! + 9)) &= 9 + (((8 \times (7 \times 6)) - 5) \times (((4! + 3!)^2) + 1)) \\
 298241 &:= (1 + ((2 + 3^4) \times (5 \times 6!))) - (7! - 8!/9) &= 98 + ((7 \times (((6 + 5) \times 4^3)/2)) - 1) \\
 298242 &:= 1 \times 2 \times (3^4 + ((5 \times 6) \times (7! - 8 \times 9))) &= 9 + (((8! \times 7) - 6) + (((5 \times 4)^3) \times 2)) - 1) \\
 298243 &:= ((1 + 2) + ((3! + 45) \times (6! + 7!))) + 8!/9 &= 9 - (8 - (7 \times (6 - (5! \times (4 - (3!!/2 - 1)))))) \\
 298244 &:= 1 \times 2 - (3^4 \times (((5! - 6) \times 7) - 8!/9)) &= 9 + 8! - (7 - ((6 + 5!) \times (4^{3!}/2 - 1))) \\
 298245 &:= (1 + 2) - (3^4 \times (((5! - 6) \times 7) - 8!/9)) &= (((((9 + 8) + 7!/6) \times (5! - 4)) + 3) \times (2 + 1)) \\
 298246 &:= (1 + 2)! + (((3! + 45) \times (6! + 7!)) + 8!/9) &= (-98 + ((7!/6 + 5!) \times 4!)) \times (3! \times 2 + 1) \\
 298247 &:= 1 \times (((2 \times 3! \times 4!) + 5!) \times 6!) + (7 + 8!/9) &= ((9 + 8) \times ((7! - 654) \times (3! - 2))) - 1) \\
 298248 &:= 1 - ((2 \times (((3^4 - 5^6) \times 7) - 8!)) + 9) &= ((9 \times 8) + (7!/6 + 5!)) \times ((4! \times 3! \times 2) + 1) \\
 298249 &:= ((12 \times 3!^4) + (56 \times (7! + 8))) + 9 &= ((9 + (8! \times 7!/6!)) + (((5 \times 4)^3) \times 2)) \times 1) \\
 298250 &:= -1 + (((2 \times (3! - (4! \times 5! + 6!))) + 7 + 8!) \times 9) &= 9 + ((8! \times 7!/6!) + (((5 \times 4)^3) \times 2) + 1))
 \end{aligned}$$

$$\begin{aligned}
 298251 &:= (((1+2)!! + 3^4) \times (5!/6)) + 7 \times 8! - 9 &= (9 + 8 \times 7!) + ((6+5!) \times (4^{3!}/2 - 1)) \\
 298252 &:= 1 - (((2 \times 3!! - 4) \times 5) - (6 - 7 + 8!)) \times 9 &= (((9+8!) \times 7) + ((6!+5) \times ((4 \times 3!) - 2))) - 1 \\
 298253 &:= 1 - (2 - (3 \times (4 + ((5!+6) \times 789)))) &= (((9+8!) \times 7) + ((6!+5) \times ((4 \times 3!) - 2))) \times 1 \\
 298254 &:= ((1 - (2 \times 3^4)) \times 5!) + ((6 - (7! - 8!)) \times 9) &= ((9 + (8! + 7!)) \times 6) + (5! \times ((4! \times (3^2)) + 1)) \\
 298255 &:= (-1 + 2) + (3! \times (4! + (5 + (6! \times (78 - 9)))) &= (9 + 8! \times 7) + (6 + (((5 \times 4)^3) \times 2 \times 1)) \\
 298256 &:= 1 \times (2 + (3 \times (4 + ((5!+6) \times 789)))) &= (9 + 8! \times 7) + (6 + (((5 \times 4)^3) \times 2) + 1) \\
 298257 &:= (1 + (2 \times (3! \times ((4 + 5 \times 6!) \times 7)))) - 8!/9 &= (9 + 8! \times 7) + ((6 \times 5! - 4!) \times ((3! - 2)! - 1)) \\
 298258 &:= (1 + (((2^{3+4}) \times 5!) + 6!)) + (7 \times (8! - 9)) &= 9 + 8! + (7 + ((6+5!) \times (4^{3!}/2 - 1))) \\
 298259 &:= (1 + ((2+3!!) \times ((4 \times 5!) - 67))) + 8 \times 9 &= 9 + (8 + (7 \times (6 - (5! \times (4 - (3!!/2 - 1)))))) \\
 298260 &:= 12 \times (((3+4)! \times 5) - ((6 \times 7 \times 8) + 9)) &= 9 + ((8! \times 7 + ((6 + ((5 \times 4)^3)) \times 2)) - 1) \\
 298261 &:= -1 + (2 + ((3!! + ((4 \times (5 - 6!)) - (7! - 8!))) \times 9)) &= ((9 \times (8! + ((7 - (6! + 5)) \times (4 + 3!)))) + 2) - 1 \\
 298262 &:= 1 \times 2 - (((3!+4) \times (5 + 6! - 7)) - 8!) \times 9 &= (((9+8!) \times 7) + ((6!+5) \times 4!)) - (3!! \times 2 + 1) \\
 298263 &:= ((1 + (2 \times (3! \times (4 + 5 \times 6!)))) \times 7) - 8!/9 &= ((9 \times (8! + ((7 - (6! + 5)) \times (4 + 3!)))) + 2) + 1 \\
 298264 &:= (1 - 2 \times 3!!) + ((4! \times (5 + 6!)) + (7 \times (8! + 9))) &= (((9+8!) \times 7) + ((6!+5) \times 4!)) - (3!! \times 2 - 1) \\
 298265 &:= ((1 + (2 + 3!)) \times (4! + 5)) \times (6 + 7 + 8 \times 9) &= 9 \times 8 - (7 \times (((6! + (5! \times (4 - 3!)))/2) + 1)) \\
 298266 &:= (1 - (2 \times (((3^4 - 5^6) \times 7) - 8!))) + 9 &= ((9 \times (8! + ((7 - ((6! - 5!) \times 4)) \times 3))) - 2) - 1 \\
 298267 &:= 1 - (((2 - (3!! + 4)) \times 5!) + (6 \times (7! - 8! + 9))) &= ((9 \times (8! + ((7 - ((6! - 5!) \times 4)) \times 3))) - 2) \times 1 \\
 298268 &:= 1 - (2 - (((3 \times ((4 \times (5! - 6!)) + 7)) + 8!) \times 9)) &= ((9 \times (8! + ((7 - ((6! - 5!) \times 4)) \times 3))) - 2) + 1 \\
 298269 &:= 1 - (2 \times (3!! - (((4! + 5^6) \times 7) + 8! - 9))) &= (9 \times (8! + (7 - ((6! \times 5 - (4 + 3)) \times 2)))) \times 1 \\
 298270 &:= (1 - ((2 - 3! \times 4!) \times (5 \times 6))) \times (7!/(8 \times 9)) &= (((9+8!) \times 7) + (6^5)) + ((4^{3!} \times 2) - 1) \\
 298271 &:= 1 \times (2 + (((3 \times ((4 \times (5! - 6!)) + 7)) + 8!) \times 9)) &= 9 \times 8 - ((7 \times ((6! + (5! \times (4 - 3!)))/2)) + 1) \\
 298272 &:= ((1 + 2 \times 3!) \times 4) \times (5! - ((6 - 7!/8) \times 9)) &= (9 + 8! - (7! - 6!)) + ((5! + (4^{3^2})) - 1) \\
 298273 &:= (1 + (2 + 3!)) + ((4! \times 5! + (6 \times 7! + 8)) \times 9) &= 9 \times 8 - ((7 \times ((6! + (5! \times (4 - 3!)))/2)) - 1) \\
 298274 &:= (-1 + ((2 + 3!!) \times ((4 \times 5!) - 67))) + 89 &= (9 + 8! - (7! - 6!)) + (5! + ((4^{3^2}) + 1)) \\
 298275 &:= 1 - (2 \times (((3^4 - 5^6) \times 7) - 8! - 9)) &= (9 \times (8! + ((7 - ((6! - 5!) \times 4)) \times 3))) + (2 + 1)! \\
 298276 &:= (1 - ((2 - (3! \times 4^5)) \times 6 \times 7)) + (8! - 9) &= -9 + (((87 \times 6) - 5!) \times (4! + (3!! - 2))) + 1 \\
 298277 &:= ((-1 \times 23) \times (4 \times 5 - 6!)) + (7 \times (8! - 9)) &= (9 \times (8 + ((7 - (((6 - 5) - 4!) \times 3!)) \times 2))) - 1 \\
 298278 &:= 1 \times (((2 \times ((3!! \times (4! + (5 - 6))) + 7)) + 8) \times 9) &= (9 \times (8 - (7! - ((6! \times (5!/4) + 3)))) \times 2 \times 1 \\
 298279 &:= 1 - (((2 \times 3!! + 4) \times 5) - (6 \times 7 + 8!)) \times 9 &= 9 \times 8 + (7 - ((6! + 5!) \times (4 - (3!!/2 - 1)))) \\
 298280 &:= (1 + 2)!! - (((3 \times (4 \times 5)) \times (6 - 7!)) + 8!/9) &= 9 + (((8 \times (7 + 6)) \times ((5! \times 4!) - (3! \times 2))) - 1) \\
 298281 &:= 1 - (((2 \times 3! - 4!) \times (5 \times (6 + 7!))) + 8!/9) &= (9 + 8! \times 7) + ((6^5 + (4!/3!))/(2 + 1)) \\
 298282 &:= (((1 - ((2 - (3! \times 4^5)) \times 6)) \times 7) + 8!) - 9 &= 9 + (((8 \times (7 + 6)) \times ((5! \times 4!) - (3! \times 2))) + 1) \\
 298283 &:= ((1 + 2) + ((3 \times (4 \times 5)) \times (6 + 7!))) - 8!/9 &= ((9 \times 8 \times 7) \times (6! - 5!)) - (4^{3!} + 21) \\
 298284 &:= 1 \times 2 \times (3!! + ((4! + 5) \times (6 + (7! + 8 \times 9)))) &= (((9 \times 8) + 7) + (6! + 5)) \times (((4! + 3!)/2) - 1) \\
 298285 &:= (1 + 2^{3!}) \times (4! + (5 + ((6! + 7! \times 8)/9))) &= ((9 \times 8) + ((7 - (6! + 5!)) \times ((4 - 3!)/2))) - 1 \\
 298286 &:= ((1 + 2)! + ((3 \times (4 \times 5)) \times (6 + 7!))) - 8!/9 &= ((9 \times 8) + ((7 - (6! + 5!)) \times ((4 - 3!)/2))) \times 1 \\
 298287 &:= (1 + 2)!! - (((3! + 4) \times (5 + 6!)) + 7 - 8!) \times 9 &= ((9 \times 8) + ((7 - (6! + 5!)) \times ((4 - 3!)/2))) + 1 \\
 298288 &:= 1 \times (((2 \times 3!!)/4) + (5^6 + (7 \times (8! + 9)))) &= (9 \times (8^{(7-6) \times 5})) + (4^{3!} - ((2 + 1)!)) \\
 298289 &:= 1 + (((2 \times 3!!)/4) + (5^6 + (7 \times (8! + 9)))) &= 9 + (8 \times (((7 + 6) \times ((5! \times 4!) - (3! \times 2))) + 1))
 \end{aligned}$$

$$\begin{aligned}
 298290 &:= (1 + 2) \times ((3!! \times (4! + (5! - 6))) + (7! / (8 \times 9))) &= ((9 + 8!) \times 7) - (((6 - ((5 \times 4)^3)) \times 2) + 1) \\
 298291 &:= 1 \times (((2 + 3^4) \times (5 \times 6! - 7)) + 8 \times 9) &= (((9 + 8!) \times 7) - ((6 - ((5 \times 4)^3)) \times 2)) \times 1 \\
 298292 &:= (1 + ((2 + 3^4) \times (5 \times 6! - 7))) + 8 \times 9 &= (9 \times (8! - 7!)) - ((6! + (5! - 4)) \times ((3! - 2)! - 1)) \\
 298293 &:= (1 + (23 \times (4 - (5! + 6!)))) - ((7! - 8!) \times 9) &= ((9 \times 8 \times (((7 \times 6) + 5) + 4^{3!})) - 2) - 1 \\
 298294 &:= (1 - ((2 - (3! \times 4^5)) \times 6 \times 7)) + (8! + 9) &= ((9 \times 8 \times (((7 \times 6) + 5) + 4^{3!})) - 2) \times 1 \\
 298295 &:= 1 - (2 + ((3!^4 + (5! + (6! + 7! - 8!))) \times 9)) &= (9 \times 8 \times ((7 + (6! \times 5)) - 4!)) + ((3! + 2)! - 1) \\
 298296 &:= 1 - ((2 \times (3!! - (((4! + 5^6) \times 7) + 8!))) - 9) &= 9 - ((8 - (((7 \times 6!) + 5!) / 4!)) \times (3!! \times 2 + 1)) \\
 298297 &:= (1 + (2 + 3!)) - ((4! - (5 \times 6! + 7)) \times 8 \times 9) &= (9 \times 8 \times ((7 + (6! \times 5)) - 4!)) + ((3! + 2)! + 1) \\
 298298 &:= 1 \times (2 - ((3!^4 + (5! + (6! + 7! - 8!))) \times 9)) &= ((9 + 8!) \times 7) - (6 - (((5 \times 4)^3) \times 2) + 1)) \\
 298299 &:= 1 + (2 - ((3!^4 + (5! + (6! + 7! - 8!))) \times 9)) &= 9 + ((8 + 7) \times ((6 + ((5! + (4! - 3!))^2)) - 1)) \\
 298300 &:= (((1 - ((2 - (3! \times 4^5)) \times 6)) \times 7) + 8!) + 9 &= ((9 + 8 \times 7) + 6!) \times ((5 \times 4) + (3!! / 2 \times 1)) \\
 298301 &:= (1 - (23 \times (4! - (5 + 6!)))) + (7 \times (8! - 9)) &= (((9 \times 8 \times 7) \times (6! - 5!)) - (4^{3!} + 2)) - 1 \\
 298302 &:= (1 + 2)! - ((3!^4 + (5! + (6! + 7! - 8!))) \times 9) &= (((9 \times 8 \times 7) \times (6! - 5!)) - (4^{3!} + 2)) \times 1 \\
 298303 &:= 1 \times (((2 + 3!)! - ((4! \times (5! + 6)) + 7)) \times 8) - 9 &= (((9 \times 8 \times 7) \times (6! - 5!)) - (4^{3!} + 2)) + 1 \\
 298304 &:= 1 + (((2 + 3!)! - ((4! \times (5! + 6)) + 7)) \times 8) - 9 &= ((9 + 8!) \times 7! / 6!) + (((5 \times 4)^3) \times 2) + 1) \\
 298305 &:= 1 + (2^{3!} \times (((4! + 5) \times 6) + (7 + 8! / 9))) &= ((9 \times 8 \times 7) \times (6! - 5!)) - (4^{3!} - (2 - 1)) \\
 298306 &:= (((12 + 3!) \times 4!) + (5^6 + 7 \times 8!)) + 9 &= (((9 \times 8 \times 7) \times (6! - 5!)) - 4^{3!}) + (2 \times 1) \\
 298307 &:= (-1 + ((2 + 3^4) \times (5 \times 6! - 7))) + 89 &= (((9 \times 8 \times 7) \times (6! - 5!)) - 4^{3!}) + (2 + 1) \\
 298308 &:= (1 + 2) \times (3!! - (4 \times (5^6 + (7 - 8! + 9)))) &= ((9 + 8!) \times 7) + ((6 + (((5 \times 4)^3) \times 2)) - 1) \\
 298309 &:= (1 + ((2 + 3^4) \times (5 \times 6! - 7))) + 89 &= (((9 + 8!) \times 7) + 6) + (((5 \times 4)^3) \times 2) \times 1 \\
 298310 &:= (-1 - (23 \times ((4 - 5!) \times 6))) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + (6 + (((5 \times 4)^3) \times 2) + 1)) \\
 298311 &:= (((1 + 2) \times 3!! - 4) \times 5!) - 6! + (7! \times 8 - 9) &= ((9 + 8!) \times 7) + ((6 \times 5! - 4!) \times ((3! - 2)! - 1)) \\
 298312 &:= (1 - ((2 - (3!! + 4)) \times 5!)) - ((6 \times (7! - 8!)) + 9) &= 98 + ((7 - (6! + 5!)) \times ((4 - 3!!) / 2 \times 1)) \\
 298313 &:= 1 - (2 - (3 \times (4! + ((5! + 6) \times 789)))) &= 9 - (8 \times ((7 + ((6 + 5!) \times 4!)) - ((3! + 2)! - 1))) \\
 298314 &:= (1 + 2)!! - ((3! - (4! \times 5! + (6 \times (7! - 8)))) \times 9) &= 9 \times 8 + (7 \times (6 - (5! \times (4 - (3!! / 2 - 1)))))) \\
 298315 &:= 1 - (((2 \times (3!! + (4! \times 5! - (6 + 7)))) - 8!) \times 9) &= (((9 + 8!) \times 7) + ((6 + ((5 \times 4)^3) \times 2)) \times 1 \\
 298316 &:= ((1 + ((2 + 3!!) \times 4!)) \times 5) - ((6 \times (7! - 8!)) + 9) &= (((9 + 8!) \times 7) + ((6 + ((5 \times 4)^3) \times 2)) + 1 \\
 298317 &:= (1 + 2) \times ((3!! \times (4! + (5! - 6))) + (7 + 8 \times 9)) &= (9 \times (8! - (7! + ((6! - (5 + 4)) \times 3)))) - (2 + 1)! \\
 298318 &:= (((1 + 2) \times 3!! - 4) \times 5!) - (6! - 7) + (8! - 9) &= 9 + (((87 \times 6) - 5) \times ((4! \times (3! - 2)! + 1)) \\
 298319 &:= 1 - ((2 + 3!!) - (4! \times (5! / 6 \times (7 \times 89)))) &= (9 \times (8! / 7)) + ((6! + (5! \times (4^{3!} / 2))) - 1) \\
 298320 &:= (1 - ((2 + 3!! + 4!) \times 5)) \times (6! / ((7 - 8) \times 9)) &= 9 + (((8! - (7 + ((6 + 5!) \times 4!))) \times (3! + 2)) - 1) \\
 298321 &:= 1 \times (((2 + 3!)! - ((4! \times (5! + 6)) + 7)) \times 8) + 9 &= (9 \times (8! / 7)) + (6! + ((5! \times (4^{3!} / 2)) + 1)) \\
 298322 &:= 1 + (((2 + 3!)! - ((4! \times (5! + 6)) + 7)) \times 8) + 9 &= 9 - ((8 \times ((7 + ((6 + 5!) \times 4!)) - (3! + 2)!)) - 1) \\
 298323 &:= (1 + 2)!! - (3!! \times 4! + ((5 - (6^7 / 8)) \times 9)) &= (9 + 8! \times 7) - ((6 - 5!) \times ((4! \times 3!) - 2 - 1)) \\
 298324 &:= ((1 + 2)! + ((3 + 4)^5)) - (6! - (7 \times 8! - 9)) &= (9 + ((8! - 7!) \times 6)) + (5 \times ((4! \times (3!! + 2)) - 1)) \\
 298325 &:= 1 \times (2 + (((3 \times ((4 + 5) - 6!)) - (7! - 8!)) \times 9)) &= ((9 \times (8! - (7! + ((6! - (5 + 4)) \times 3)))) + 2) \times 1 \\
 298326 &:= 1 + (2 + (((3 \times ((4 + 5) - 6!)) - (7! - 8!)) \times 9)) &= ((9 \times (8! - (7! + ((6! - (5 + 4)) \times 3)))) + 2) + 1 \\
 298327 &:= -1 - (((2 \times (3!! + 4 + 5!)) - 6! \times 7) \times 89) &= -98 + ((7! - 6! + 5) \times ((4! \times 3) - 2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 298328 &:= (12 \times (34 + 5 \times 6! \times 7)) - 8!/9 &= 9 + 8! - (7 \times (6 - (((5! + 4! \times 3)^2) - 1))) \\
 298329 &:= (1 + (2 \times (3! \times (4 + (5 \times (6 + 7!)))))) - 8!/9 &= ((9 + 8! \times 7) - 6!) + ((5! \times 4) \times (3!^2 - 1)) \\
 298330 &:= 1 - (((2 - (3!! + 4)) \times 5!) + ((6 \times (7! - 8!)) - 9)) &= (9 - (8!/7)) + (((6! + 5!) \times ((4 + 3!!)/2)) + 1) \\
 298331 &:= 1 - (2 - (((3! \times (4 \times 5! + (6 + 7!))) - 8) \times 9)) &= 9 + (8! \times 7 + (((6 + 5)^4) + (3!! \times 2 + 1))) \\
 298332 &:= 1 \times 2 \times ((3!! \times (4! + 5!)) + ((6 + 7! + 8) \times 9)) &= ((9 \times (8 + 7! + 6)) + ((5! + 4!) \times 3!!)) \times 2 \times 1 \\
 298333 &:= (1 - (2 + 3!)) \times (4 - ((5! \times (6 + (7 + 8))) - 9)) &= ((9 + 8) \times (((7!/6!)^5) + (4! + (3!! - 2)))) \times 1 \\
 298334 &:= 1 \times (2 + (((3! \times (4 \times 5! + (6 + 7!))) - 8) \times 9)) &= 9 + 8! - ((7 \times (6 - ((5! + 4! \times 3)^2))) + 1) \\
 298335 &:= 1 + (2 + (((3! \times (4 \times 5! + (6 + 7!))) - 8) \times 9)) &= 9 + (8! - (7 \times (6 - ((5! + 4! \times 3)^2 \times 1)))) \\
 298336 &:= ((1 - 2 \times 3!) \times (4^5 + 6!)) - ((7! - 8!) \times 9) &= 9 + 8! - ((7 \times (6 - ((5! + 4! \times 3)^2))) - 1) \\
 298337 &:= 1 - (((2 + 3)! \times (4 - 5!)) - (6^7 + 8!/9)) &= 9 - (((8!/7!) - 6!) \times (((5! \times (4 + 3))/2) - 1)) \\
 298338 &:= (1 + 2)! + (((3! \times (4 \times 5! + (6 + 7!))) - 8) \times 9) &= 9 - ((8 - (7!/6 - (5 - 4))) \times (3!!/2 - 1)) \\
 298339 &:= 1 + ((2 + ((3 + 4)^5)) - (6! - (7 \times 8! + 9))) &= (((98 + 7! + 6) \times (5 + 4!)) - 3!) \times 2 - 1 \\
 298340 &:= (((1 + (2 + 3!)) \times 4) + 5^6) + (7 \times 8! - 9) &= (((9 \times 8) - 7 + 6) \times 5!) + 4 \times (3!^2 - 1) \\
 298341 &:= ((1 + 2)! + (3 \times (((4! + 5!) \times 6!) + (7 - 8!/9))) &= (9 \times (8! - (7! + (((6! - (5 + 4)) \times 3) - 2)))) \times 1 \\
 298342 &:= 1 - (((2 \times (3! - (4! - (5 \times 6!)))) + 7 - 8!) \times 9) &= 9 + 8! - (7 \times (6 - (((5! + 4! \times 3)^2) + 1))) \\
 298343 &:= 1 - (2 - (3 \times ((4 + 5!) \times (6! - (7 - 89)))))) &= (98 \times ((7!/6! + 5!) \times 4!)) - (3!!/2 + 1) \\
 298344 &:= ((1 + 2) \times (((3! + 4)^5) - 6!)) + (7 \times 8 \times 9) &= (9 + 8! \times 7) + ((6! + ((5! + (4!/3!))^2)) - 1) \\
 298345 &:= (-12 \times 3!) + (((4 \times (5! + 6!)) - 7) \times 89) &= ((9 + (8! \times 7 + 6!)) + ((5! + (4!/3!))^2)) \times 1 \\
 298346 &:= (1 - ((2 - (3! \times 4^5 \times 6)) \times 7)) + (8! - 9) &= (9 + 8! \times 7) + (6! + (((5! + (4!/3!))^2) + 1)) \\
 298347 &:= 1 + (2 + (3 \times ((4 + 5!) \times (6! - (7 - 89)))))) &= ((9 + ((8! \times 7)/(6 \times 5!))) \times (4! + 3!!)) + (2 + 1) \\
 298348 &:= (12 + ((3 + 4)^5)) - (6! - (7 \times 8! + 9)) &= -9 - ((8!/7) - ((6 + 5) \times (4!^3 \times 2 - 1))) \\
 298349 &:= (1 + ((23 - 4) \times (5^6 + 78))) - 9 &= (9 + 8! \times 7) + ((6! - 5 \times 4) \times ((3! - 2)! - 1)) \\
 298350 &:= (((1 + 2)^3) + 4!) \times ((5!/6 + 7!/8) \times 9) &= ((9 \times (8! - (7! \times 6 - 5!)))/4) \times (3! \times 2 + 1) \\
 298351 &:= (((12 + 3!) \times 4^5) + 6^7) - (8 + 9) &= (((-9 + 8!) - 76)/5) + (4!^3 \times 21) \\
 298352 &:= ((1 + 2) \times (3! \times 4! + (5!/6 \times 7!))) - 8!/9 &= (9 + 8! \times 7) + (((6 + 5) \times (4! + 3!! \times 2)) - 1) \\
 298353 &:= 1 - ((2 + 3!) \times ((4! \times (5! + 6)) - (7 + 8! - 9))) &= (9 + 8! \times 7) + ((6 + 5) \times (4! + (3!! + (2 + 1)!))) \\
 298354 &:= 1 + (((2 \times 3!! + 4!) \times (5 + 6)) + (7 \times 8! + 9)) &= (9 + 8! \times 7) + (((6 + 5) \times (4! + 3!! \times 2)) + 1) \\
 298355 &:= ((1 + ((2 + 3!) \times 4)) + (5^6 + 7 \times 8!)) + 9 &= (-98 \times 7) - (((6! + 5!) \times (4 - 3!!/2)) - 1) \\
 298356 &:= (1 + 2)! - ((3!! + 45) \times (6 \times (7 - 8 \times 9))) &= ((9 \times (8 + (7 + 6))) - 5!) \times (4 + (3! \times (2 + 1)!)) \\
 298357 &:= 1 - ((2 + (3! \times (4 - 5 - 6!))) \times (78 - 9)) &= (9 - ((8! \times 7)/6!)) \times (5 - ((4^3) + (2 + 1)!)) \\
 298358 &:= (((1 + (2 + 3!)) \times 4) + 5^6) + (7 \times 8! + 9) &= (9 \times (8! - 7!)) + (6! - (((5! + (4! - 3))^2) + 1)) \\
 298359 &:= ((1 + 2)! + (((3 - (4 \times 5!)) \times (6 - 7!/8)) - 9)) &= (9 \times (8! - 7!)) + (6! - ((5! + (4! - 3))^2 \times 1)) \\
 298360 &:= (((1 + 2)! \times 3^4) + 5^6) + (7 \times 8! + 9) &= (9 \times (8! - 7!)) + (6! - (((5! + (4! - 3))^2) - 1)) \\
 298361 &:= (1 \times 2 + (3! \times (4^5 \times 6 \times 7))) + (8! - 9) &= ((9 + 8) \times (((7!/6!)^5) + (4! + 3!!))) - (2 + 1)! \\
 298362 &:= ((1 + 2)! - 3!) + ((4! \times 5! + (6 \times (7! - 8))) \times 9) &= ((((-9 - 8) - (7 \times 6!)) \times (5 - 4^3)) - 2) + 1 \\
 298363 &:= ((1 + 2)! - (3!! \times 4!)) - (5 - ((6^7/8) \times 9)) &= (((98 + 7! + 6) \times (5 + 4!)) + 3!) \times 2 - 1 \\
 298364 &:= (1 - ((2 - (3! \times 4^5 \times 6)) \times 7)) + (8! + 9) &= (9 + 8! \times 7) + ((6 + 5) \times (4! + (3!! \times 2 + 1))) \\
 298365 &:= 1 - (2 \times (((3 \times 4!) - 5^6) \times 7) - 8! + 9) &= ((9 + 8) \times (((7!/6!)^5) + (4! + 3!!))) - 2 \times 1
 \end{aligned}$$

$$\begin{aligned}
 298366 &:= (1 - ((2 - 3! \times 4!) \times (5! - 6))) + (7 \times (8! - 9)) &= ((9 + 8) \times (((7!/6!)^5) + (4! + 3!))) - (2 - 1) \\
 298367 &:= (((12 + 3!) \times 4^5) + (6^7 + 8)) - 9 &= ((9 - (8 - 7)))! + (((6 + 5!) \times (4^{3!}/2)) - 1) \\
 298368 &:= (1 \times 2^{3!}) \times (((4 \times 5 + 6) \times 7) + 8!/9) &= ((9 \times 8) - (7!/6 + 5!)) \times (4! - (3!/2 \times 1)) \\
 298369 &:= (((12 + 3!) \times 4^5) + 6^7) - (8 - 9) &= 9 + 8! - (7 - (((6 + 5!) \times (4^{3!}/2)) - 1)) \\
 298370 &:= 1 \times (2 + (((3!! - (4^5 + 6!)) \times 7) + 8!) \times 9) &= 9 + 8! + (7 \times ((6!/5 \times (4^{3! - 2})) - 1)) \\
 298371 &:= 1 + (2 + (((3!! - (4^5 + 6!)) \times 7) + 8!) \times 9) &= 9 + 8! - (7 - (((6 + 5!) \times (4^{3!}/2)) + 1)) \\
 298372 &:= ((-1 - 2) \times (3!! - (4 + 5!))) + (67 \times (8!/9)) &= (9 + 8! \times 7) + ((6! + (5 - 4!)) \times ((3! - 2)! - 1)) \\
 298373 &:= 1 \times (((2 + (3! \times 4^5 \times 6)) \times 7) + 8! - 9) &= (((9 + 8! - 7!) \times 6) + (5 \times (4! \times (3!! + 2)))) - 1 \\
 298374 &:= 1 - ((2 \times (((3 \times 4!) - 5^6) \times 7) - 8!)) + 9 &= (((9 + 8! - 7!) \times 6) + (5 \times (4! \times (3!! + 2)))) \times 1 \\
 298375 &:= 1 + (((2 + 3!!) \times 4! \times 5) - (6 \times (7! - 8! - 9))) &= (((9 + 8! - 7!) \times 6) + (5 \times (4! \times (3!! + 2)))) + 1 \\
 298376 &:= ((1 + (2 + 3!))! - (4! \times (5! + 6))) \times (7 - 8 + 9) &= 9 + 8! - ((7 \times ((6!/5 \times 4!) - (3! + 2)!)) + 1) \\
 298377 &:= (1 + 2) \times (((3! \times 4! - 5) \times 6!) - (7!/8 - 9)) &= (9 + 8! + (7 \times (6^5 \times 4))) + (3! + 2 \times 1)! \\
 298378 &:= 1 \times (2 + ((3^4 - 5) \times (6 - ((7! - 8!)/9)))) &= 9 + 8! - ((7 \times ((6!/5 \times 4!) - (3! + 2)!)) - 1) \\
 298379 &:= 1 + (2 + ((3^4 - 5) \times (6 - ((7! - 8!)/9)))) &= ((9 + 8! - 7!) \times 6) + (5 \times ((4! \times (3!! + 2)) + 1)) \\
 298380 &:= 1 \times (2 \times ((3! + 4!) \times ((5 + (6! \times 7)) - 8 \times 9))) &= (((9 + 8) + 7!) \times (6 + 54)) - ((3! + (2 - 1)))! \\
 298381 &:= 1 + (2 \times ((3! + 4!) \times ((5 + (6! \times 7)) - 8 \times 9))) &= 9 + ((8 + (76 \times 5)) \times ((4! \times 32) + 1)) \\
 298382 &:= (1 + 2)! + ((3^4 - 5) \times (6 - ((7! - 8!)/9))) &= (((9 + 8!) \times 7) + (6! + (5! \times (4 \times 32)))) - 1 \\
 298383 &:= ((1 + 2)! - ((3 + 4!) \times (5! - 6!))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - 6!) + ((5! \times 4) \times (3!^2 - 1)) \\
 298384 &:= (1 + (((2^{3+4}) \times 5!) + 6!)) + (7 \times (8! + 9)) &= 9 + 8! - (7 \times ((6!/5 \times 4!) - ((3! + 2)! + 1))) \\
 298385 &:= 1 - ((2 + 3!) \times ((4! \times (5! + 6)) + (7 - 8! - 9))) &= (9 \times (8! - (7! + (6 - 5!)))) - (((4!/3!)/2) + 1) \\
 298386 &:= ((1 + 2)!! + (3^4 \times (5 \times (6! + (7 + 8)))) - 9 &= (9 + ((8 \times 7) \times ((6^5/4) + 3!))) \times 2 \times 1 \\
 298387 &:= 1 - ((2 + (3!! + 4)) \times (5! - ((67 - 8) \times 9))) &= (9 \times (8! - (7! + (6 - 5!)))) - (((4!/3!)/2) - 1) \\
 298388 &:= 12 + ((3^4 - 5) \times (6 - ((7! - 8!)/9))) &= 9 + ((8! \times 7 + ((6! + 5^4) \times 3! \times 2)) - 1) \\
 298389 &:= (1 + 2) \times (3!! - ((4 \times (5^6 + 7 - 8!)) + 9)) &= ((9 + 8! \times 7) + ((6! + 5^4) \times 3! \times 2)) \times 1 \\
 298390 &:= (-1 + ((2 + 3!! + 4!) \times ((56 \times 7) + 8))) - 9 &= 9 + (8! \times 7 + (((6! + 5^4) \times 3! \times 2) + 1)) \\
 298391 &:= ((1 \times 2 + (3! \times 4^5 \times 6)) \times 7) + (8! + 9) &= (9 \times (((8 + 7!) \times 6) + (5! \times 4!))) - (((3 + 2)! + 1) \\
 298392 &:= (1 - (2 \times (((3 \times 4!) - 5^6) \times 7) - 8!)) + 9 &= (9 \times ((8 + 7!) \times 6)) + (5! \times ((4! \times (3^2)) - 1)) \\
 298393 &:= (1 - (2 + 3!))! + ((4! \times 5! + (6 \times (7! + 8))) \times 9) &= (9 \times (((8 + 7!) \times 6) + (5! \times 4!))) - (((3 + 2)! - 1) \\
 298394 &:= 1 \times (((2 + 3^4) \times (5 \times (6! + (7 - 8)))) + 9) &= (9 + (8! + 7!)) - ((6! + 5) \times (((4! - 3!)/2) - 1)) \\
 298395 &:= 1 + (((2 + 3^4) \times (5 \times (6! + (7 - 8)))) + 9) &= (9 + 8! \times 7) + (6 \times (((5^4) + 3!!) \times 2) + 1) \\
 298396 &:= 1 \times (((((2 \times 3!!)/4) - 5) \times (6! + 7)) + 8! - 9) &= ((9 + 8!) \times 7) + ((6 + 5) \times (4! + (3!! \times 2 - 1))) \\
 298397 &:= (1 + (((((2 \times 3!!)/4) - 5) \times (6! + 7)) + 8!)) - 9 &= ((-9 + 8!) - ((7 + 6!) \times (5!/4! - 3!!/2))) + 1 \\
 298398 &:= (((1 + 2) + (3! \times 4^5 \times 6)) \times 7) + 8! + 9 &= ((9 + 8!) \times 7) + ((6! + ((5! + (4!/3!))^2)) - 1) \\
 298399 &:= -12 - (3! - (((4 \times (5! + 6!)) - 7) \times 89)) &= ((9 + 8!) \times 7) + (6! + ((5! + 4)^{3!/(2+1)})) \\
 298400 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times 6!) - ((7! - 8!)/9) &= ((9 + 8!) \times 7) + (6! + (((5! + (4!/3!))^2) + 1)) \\
 298401 &:= 1 + 2 \times 3!! + ((4! + 5) \times (6! + (7! + 8!/9))) &= 9 \times 8 + ((7!/6 - (5 + 4)) \times (3!!/2 - 1)) \\
 298402 &:= (12 + ((3 + 4)^5)) - (6! - (7 \times (8! + 9))) &= -98 - ((7! - 65) \times (4 \times (3! - 21))) \\
 298403 &:= 1 - (2 - (3^4 \times ((5 \times (6! + (7 + 8))) + 9))) &= ((9 + 8!) \times 7) + ((6! - 5 \times 4) \times ((3! - 2)! - 1))
 \end{aligned}$$

$$\begin{aligned}
 298404 &:= ((1+2)!! + (3^4 \times (5 \times (6! + (7+8)))) + 9 &= (9 \times (8! - ((7! - (6 - (5! \times 4!))) \times 3))) \times 2 \times 1 \\
 298405 &:= 1 - (((234+5!) \times 6) + 7! - 8!) \times 9 &= (((9 \times 8) + 7) \times (6! - 5)) + ((4!/3!) \times (2+1)!) \\
 298406 &:= 1 \times (2 + (3^4 \times ((5 \times (6! + (7+8))) + 9))) &= (((9+8!) \times 7) + ((6+5) \times (4! + 3!! \times 2))) - 1 \\
 298407 &:= 1 \times (((2 \times 3!! + 4!) \times (5+6)) + (7 \times (8! + 9))) &= (((9+8!) \times 7) + ((6+5) \times (4! + 3!! \times 2))) \times 1 \\
 298408 &:= 1 - (((2 + (3!!/4)) \times 5!) - 6^7) - 8! + 9 &= (((9+8!) \times 7) + ((6+5) \times (4! + 3!! \times 2))) + 1 \\
 298409 &:= ((1 + ((2+3)! \times 4) + 5^6) + (7 \times (8! + 9))) &= 9 + (((8! \times 7) - 6!) + (5 \times (4^{3!} - ((2+1)!))) \\
 298410 &:= (1+2) \times ((3!! - (4! - (5+6!))) \times (7!/(8 \times 9))) &= (((9 \times 8) + 7) \times 6) \times (5^4) + (3 \times (2+1)!) \\
 298411 &:= -12 + (3! + (((4 \times (5! + 6!)) - 7) \times 89)) &= (((-9 + (8! + (76 \times (5! + 4)))) \times 3!) + 2) - 1 \\
 298412 &:= (((1 + (2+3)!) \times 4) + 5^6) + (7 \times (8! + 9)) &= 9 + 8! + (7 \times ((6 + ((5! + 4! \times 3^2)) - 1)) \\
 298413 &:= ((1+2)!! - (3!! \times 4!)) + ((5 + (6^7/8)) \times 9) &= (9 + 8! - ((7+6!) \times (5!/4! - 3!!/2))) - 1 \\
 298414 &:= 1 \times (((((2 \times 3!!)/4) - 5) \times (6! + 7)) + 8! + 9) &= (9 + 8! - ((7+6!) \times (5!/4! - 3!!/2))) \times 1 \\
 298415 &:= 1 \times (((2+3)! - ((4! \times (5! + 6)) - 7)) \times 8) - 9 &= (9 + 8! - ((7+6!) \times (5!/4! - 3!!/2))) + 1 \\
 298416 &:= 1 + (((2+3)! - ((4! \times (5! + 6)) - 7)) \times 8) - 9 &= (9 + ((8! + (7 \times (6! + 5^4))) \times 3!)) - (2+1) \\
 298417 &:= ((1 \times 2 + 3 \times 4! \times 5) \times (6! - 7)) + (8! - 9) &= (9 + ((8! + (7 \times (6! + 5^4))) \times 3!)) - 2 \times 1 \\
 298418 &:= (1 + ((2 + 3 \times 4! \times 5) \times (6! - 7))) + (8! - 9) &= 9 + 8! + ((7 \times (6 + ((5! + 4! \times 3^2)))) - 1) \\
 298419 &:= (((12+3)^4 \times 5) + 6) + ((7! - 8) \times 9) &= (9 - (8 \times ((7! - (6! \times 5!))/4!))) \times ((3! \times 2) - 1) \\
 298420 &:= (1 - (((2 - 3! \times 4!) \times (5! - 6)) - (7 \times 8!))) - 9 &= 9 + 8! + ((7 \times (6 + ((5! + 4! \times 3^2)))) + 1) \\
 298421 &:= 1 - (2 - (3! \times ((4! \times (56 \times 7)) + 8! + 9))) &= (9 + (((8! + (7 \times (6! + 5^4))) \times 3!) + 2)) \times 1 \\
 298422 &:= (1+2)!! - (((3! \times (4 \times 5! + (6! + 7))) - 8!) \times 9) &= (9 + (((8! + (7 \times (6! + 5^4))) \times 3!) + 2)) + 1 \\
 298423 &:= 1 - (((2 \times ((3!! - 4) \times 5) - (6 - 7))) - 8!) \times 9 &= (9 \times (8! - (7! + 6))) - (((5! + (4! - 3!))^2) - 1) \\
 298424 &:= (12 \times (((3+4)!) \times 5) + 6 \times 7) - 8!/9 &= ((98/7) \times ((6!/5 - 4 + 3!)^2)) \times 1 \\
 298425 &:= 1 + (2 + (3! \times ((4! \times (56 \times 7)) + 8! + 9))) &= ((9 \times 8 \times (7! - 6! + 5))/4!) \times ((3! - 2)! - 1) \\
 298426 &:= 1 - (((2 + (3!!/4)) \times 5!) - 6^7) - 8! - 9 &= 9 + (8! + (7 \times (6 + (((5! + 4! \times 3^2) + 1)))) \\
 298427 &:= ((1 + 23 \times 4!) + (5^6 + 7 \times 8!)) + 9 &= ((9+8!) \times 7) - (6 - (((5! + 4 + 3)^2) + 1)) \\
 298428 &:= (1 + ((2+3)^4 + 5^6)) + (7 \times (8! - 9)) &= 9 + 8 \times 7! - (((6! + 5) \times (4 - 3!!/2)) + 1) \\
 298429 &:= 1 \times (2 \times 3! + (((4 \times (5! + 6!)) - 7) \times 89)) &= 9 + 8 \times 7! - ((6! + 5) \times (4 - (3!!/2 \times 1))) \\
 298430 &:= 1 - ((2 + ((3+4) \times (5! - 6!))) - (7 \times 8! - 9)) &= 9 + 8 \times 7! - (((6! + 5) \times (4 - 3!!/2)) - 1) \\
 298431 &:= (1 - 2^{3!}) \times (4^5 - (6! + (7! - 8 + 9))) &= 9 + (8!/7 + (6 \times (((5+4!)^3) \times 2) - 1)) \\
 298432 &:= (1+2)!! - (3! \times 4! - (5^6 + 7 \times 8! - 9)) &= 9 + (((8 \times 7) \times (((6 \times 5) + 43)^2)) - 1) \\
 298433 &:= (1 \times 2 - ((3+4!) \times (5! - 6!))) + (7 \times 8! - 9) &= ((9+8!) \times 7!/6!) + (((5! + 4 + 3)^2) + 1) \\
 298434 &:= ((1+2) - (((3+4!) \times (5! - 6!)) - (7 \times 8!))) - 9 &= (9 + 8! - ((7 - (6 \times 5!)) \times ((4 + 3!!)/2))) - 1 \\
 298435 &:= 1 \times (((2 + 3 \times 4! \times 5) \times (6! - 7)) + 8! + 9) &= (9 + (8! + (7 - ((6! + 5) \times (4 - 3!!/2)))) - 1 \\
 298436 &:= (1 + ((2 + 3 \times 4! \times 5) \times (6! - 7))) + (8! + 9) &= (9 + (8!/7)) + ((6 \times (((5+4!)^3) \times 2)) - 1) \\
 298437 &:= ((1+2)! - (((3+4!) \times (5! - 6!)) - (7 \times 8!))) - 9 &= ((9+8! \times 7) - ((6-5!) \times ((4! \times 3!) - 2))) \times 1 \\
 298438 &:= (1 - (((2 - 3! \times 4!) \times (5! - 6)) - (7 \times 8!))) + 9 &= (9 + (8!/7)) + ((6 \times (((5+4!)^3) \times 2)) + 1) \\
 298439 &:= 1 - (2 + (3 \times (4! \times ((5 \times 67) - 8!/9)))) &= (9 \times (8! - (7 \times 6! - 5!))) - (((4!/3)!/2) + 1) \\
 298440 &:= (((1+2)!)! \times (3! \times 4!)) - (5 \times ((6! - 7! - 8) \times 9)) &= (9 \times (8!/7)) + (6! + (5! \times (4^{3!}/2 + 1))) \\
 298441 &:= ((1+2)!! - (3^4 - 5^6)) + (7 \times (8! - 9)) &= (9 \times (8! - (7 \times 6! - 5!))) - (((4!/3)!/2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 298442 &:= 1 \times 2 + ((3 \times (4 \times 5)) \times ((6 + 7!) - 8 \times 9)) &= 9 - ((8 + ((7 - (6! + (5! - 4))) \times 3!!/2)) - 1) \\
 298443 &:= (1 + 2) \times (3!! - ((4 \times (5^6 + 7 - 8!)) - 9)) &= (9 + (8!/7)) + (6 \times (((5 + 4!)^3) \times 2) + 1) \\
 298444 &:= (1 + ((2 + (3! \times 4^5)) \times 6 \times 7)) + (8! - 9) &= (9 + 8 \times 7!) + ((6! - 5) \times (((4 + 3!!)/2) - 1)) \\
 298445 &:= (((1 + 2)^{3!+4}) \times 5) - 6! - ((7! - 8!)/9) &= (9 \times 8 \times (7! - 6!)) - (5 \times (((4 + 3)!) / 2) - 1) \\
 298446 &:= (1 + 2)! \times (((3!! + 4) \times (5!/6 - 7)) + 8! + 9) &= (9 + (8! \times 7 + ((6! - 5!) \times (4! + 3)) - 2)) - 1 \\
 298447 &:= (-1 - 2^{3!}) + ((4! \times 5! + (6 \times (7! + 8))) \times 9) &= (9 + (8! \times 7 + ((6! - 5!) \times (4! + 3)) - 2)) \times 1 \\
 298448 &:= 1 - ((2 + ((3 + 4!) \times (5! - 6!))) - (7 \times 8! + 9)) &= (9 + (8! \times 7 + ((6! - 5!) \times (4! + 3)) - 2)) + 1 \\
 298449 &:= (1 - 2^{3!}) + ((4! \times 5! + (6 \times (7! + 8))) \times 9) &= ((9 + 8!) \times 7) + (6 \times (((5^4) + 3!!) \times 2) + 1) \\
 298450 &:= (((1 + ((2 + (3! \times 4^5)) \times 6)) \times 7) + 8!) - 9 &= (9 + (8! \times 7 + ((6! - 5!) \times (4! + 3)) + 2)) - 1 \\
 298451 &:= 1 \times (2 - ((3 + 4!) \times (5! - 6!)) - (7 \times 8! + 9)) &= (9 + (8! \times 7 + ((6! - 5!) \times (4! + 3)) + 2)) \times 1 \\
 298452 &:= 1 + (2 - ((3 + 4!) \times (5! - 6!)) - (7 \times 8! + 9)) &= (9 + (8! \times 7 + ((6! - 5!) \times (4! + 3)) + 2)) + 1 \\
 298453 &:= (12 \times 3) + (((4 \times (5! + 6!)) - 7) \times 89) &= (((9 + 8) \times 7) \times ((6! + (5! - 4)) \times 3)) + 2 - 1 \\
 298454 &:= 1 \times (2 - (3 \times ((4 - (5! + 6!)) \times (7 \times (8 + 9)))) &= (((9 + 8) \times 7) \times ((6! + (5! - 4)) \times 3)) + 2 \times 1 \\
 298455 &:= ((1 + ((2 \times 3!^4) + 5!)) \times 6) + (7 \times (8! - 9)) &= ((9 \times (((8 + 7!) \times 6) + ((5! \times 4!) - 3!))) - 2) - 1 \\
 298456 &:= (((1 + (2 + 3!)) - 4) \times 5!) + 6^7 + 8!/9 &= ((9 \times (((8 + 7!) \times 6) + ((5! \times 4!) - 3!))) - 2) \times 1 \\
 298457 &:= 1 - (2 + ((3! \times (4 \times 5! + 6! - 7)) - 8!) \times 9) &= ((9 \times (((8 + 7!) \times 6) + ((5! \times 4!) - 3!))) - 2) + 1 \\
 298458 &:= 1 \times ((2 - (((3!!/4) - (5 - 6! + 7!)) \times 8)) \times 9) &= 9 + 8 - (((7 - (6! + (5! - 4))) \times 3!!/2) - 1) \\
 298459 &:= 1 + ((2 - (((3!!/4) - (5 - 6! + 7!)) \times 8)) \times 9) &= ((9 \times (((8 + 7!) \times 6) + ((5! \times 4!) - 3!))) + 2) - 1 \\
 298460 &:= 1 \times 2 - (((3! \times (4 \times 5! + 6! - 7)) - 8!) \times 9) &= ((9 \times (((8 + 7!) \times 6) + ((5! \times 4!) - 3!))) + 2) \times 1 \\
 298461 &:= (((1 + 2) \times ((3! + 4)^5) - 6!) + 7!/8 - 9 &= ((9 \times (((8 + 7!) \times 6) + ((5! \times 4!) - 3!))) + 2) + 1 \\
 298462 &:= (1 + ((2 + (3! \times 4^5)) \times 6 \times 7)) + (8! + 9) &= (((9 \times 8) + 7) \times (((6 + 5!) \times (4! + 3!)) - 2)) \times 1 \\
 298463 &:= 1 - ((2 - ((3!!/4) + 5 \times 6!)) \times (7 + 8 \times 9)) &= (((9 \times 8) + 7) \times (((6 + 5!) \times (4! + 3!)) - 2)) + 1 \\
 298464 &:= (1 + 2)! - (((3! \times (4 \times 5! + 6! - 7)) - 8!) \times 9) &= (9 + 8! - 7!) + ((6! + 5) \times (((4 + 3!!)/2) + 1)) \\
 298465 &:= -1 \times (2 - (((3! + 4) \times (5 - 6!)) - (7 - 8!)) \times 9) &= ((9 \times (8! - (7 + ((6! - 5) \times (4 + 3!)))) - 2) \times 1 \\
 298466 &:= 1 - (2 - (((3! + 4) \times (5 - 6!)) - (7 - 8!)) \times 9) &= ((9 \times (8! - (7 + ((6! - 5) \times (4 + 3!)))) - 2) + 1 \\
 298467 &:= (((12 + 3)^4) \times 5) + (((6 + 7!) - 8) \times 9) &= (9 \times (((8 + 7!) \times 6) - (5 - (4! \times ((3 + 2)!!)))) \times 1 \\
 298468 &:= (((1 + ((2 + (3! \times 4^5)) \times 6)) \times 7) + 8!) + 9 &= ((9 \times (8! - (7 + ((6! - 5) \times (4 + 3!)))) + 2) - 1 \\
 298469 &:= 1 \times (2 + (((3! + 4) \times (5 - 6!)) - (7 - 8!)) \times 9) &= (9 \times (8! - 7!)) - (6 + (((5! + (4! - 3!))^2) + 1)) \\
 298470 &:= 1 + (2 + (((3! + 4) \times (5 - 6!)) - (7 - 8!)) \times 9) &= ((9 \times (8! - 7!)) - 6) - (((5! + (4! - 3!))^2) \times 1 \\
 298471 &:= 1 \times ((23^4) + ((5 \times 6) \times (7!/8 - 9))) &= (9 \times (8! - 7!)) - ((6 + ((5! + (4! - 3!))^2) - 1) \\
 298472 &:= (1 + (23^4)) + ((5 \times 6) \times (7!/8 - 9)) &= ((9 + ((8! + (76 \times (5! + 4))) \times 3!)) - 2) + 1 \\
 298473 &:= (1 + 2) \times (3!! - ((4 \times (5^6 - 7! \times 8)) + 9)) &= ((9 \times (8 + ((7! + (6 + (5! \times 4))) \times 3!))) - 2) - 1 \\
 298474 &:= (12 \times (((3 + 4)!) \times 5)) - (6 - ((7! - 8!)/9)) &= ((9 \times (8 + ((7! + (6 + (5! \times 4))) \times 3!))) - 2) \times 1 \\
 298475 &:= 1 - (2 - ((3! \times (4 \times 5! + (6 + 7!))) + 8) \times 9) &= ((9 \times (8 + ((7! + (6 + (5! \times 4))) \times 3!))) - 2) + 1 \\
 298476 &:= (1 + 2) \times (3!! - (4 \times (5^6 - (7 + 8! - 9)))) &= (9 \times (8! - 7!)) - ((6 + (5! + 4 \times 3))^2 \times 1) \\
 298477 &:= 1 - (((2 \times ((3!! + 4) \times 5) - (6 \times 7)) - 8!) \times 9) &= (9 \times (((8 + 7!) \times 6) + (5! \times 4!)) - (3!^2 - 1) \\
 298478 &:= 1 \times (2 + ((3! \times (4 \times 5! + (6 + 7!))) + 8) \times 9) &= (9 \times (8 + ((7! + (6 + (5! \times 4))) \times 3!))) + (2 \times 1) \\
 298479 &:= 1 + (2 + ((3! \times (4 \times 5! + (6 + 7!))) + 8) \times 9) &= (9 \times (8 + ((7! + (6 + (5! \times 4))) \times 3!))) + (2 + 1) \\
 298480 &:= (1 + ((2 + 3!! + 4!) \times 5)) \times ((6! + 7!)/(8 \times 9)) &= (9 \times (8! - 7!)) + (6! - ((5 \times 4^{3!}) - ((2 + 1)!)))
 \end{aligned}$$

$$\begin{aligned}
 298481 &:= (1 + ((2 - 3 \times 4!) \times (5! + 6! - 7!))) + 8!/9 &= (9 \times (8! - 7!)) + (6 - (((5! + (4! - 3!))^2) + 1)) \\
 298482 &:= (1 + 2)! + (((3! \times (4 \times 5! + (6 + 7!))) + 8) \times 9) &= ((9 + 8!) \times 7) - (6! - (((5! + (4 + 3!))^2) - 1)) \\
 298483 &:= (-1 \times 2) + ((3!! + (45 \times (6! - (7 - 8)))) \times 9) &= (9 \times (8! - 7!)) + (6 - (((5! + (4! - 3!))^2) - 1)) \\
 298484 &:= (((1 + 2)! \times 3!!) + 4 - 5!) \times (6 - 7 + 8 \times 9) &= ((9 + 8!) \times 7) - (6! - (((5! + (4 + 3!))^2) + 1)) \\
 298485 &:= (((1 + 2)^3) \times (4 - (5! - 6!))) + (7 \times (8! - 9)) &= ((9 + ((8!/7!) + 6!)) \times 5) \times ((4! + 3) \times (2 + 1)) \\
 298486 &:= 1 \times ((2 - (3 \times ((4 - (5! + 6!)) \times 7))) \times (8 + 9)) &= ((9 \times (((8 + 7!) \times 6) + ((5! \times 4!) - 3))) + 2) - 1 \\
 298487 &:= ((1 + ((2 - 3 \times 4!) \times (5! - 6!))) \times 7) + 8!/9 &= ((9 \times (((8 + 7!) \times 6) + ((5! \times 4!) - 3))) + 2) \times 1 \\
 298488 &:= 1 - ((2^{3!} \times ((4! + (5! - 6! - 7)) \times 8)) + 9) &= ((9 \times (((8 + 7!) \times 6) + ((5! \times 4!) - 3))) + 2) + 1 \\
 298489 &:= 1 + (2 \times (3! \times (4 + (5 \times ((6 + 7!) - 8 \times 9)))) &= (9 \times (((8 + 7!) \times 6) + (5! \times 4!))) - ((3! - 2!) - 1) \\
 298490 &:= 1 - (23 - ((4! \times 5! + (6 \times (7! + 8))) \times 9)) &= (((9 + 8!) \times 7) - ((6 - 5!) \times ((4! \times 3!) - 2))) - 1 \\
 298491 &:= (1 + 2)! - ((3 - (4! \times 5! + (6 \times (7! + 8)))) \times 9) &= (((9 + 8!) \times 7) - ((6 - 5!) \times ((4! \times 3!) - 2))) \times 1 \\
 298492 &:= (1 - ((2 - 3! \times 4!) \times (5! - 6!))) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - ((6 - 5!) \times ((4! \times 3!) - 2))) + 1 \\
 298493 &:= 1 - (2 - ((3!! - 4 + 5) \times (6 \times (78 - 9)))) &= (9 \times (8! - (7! - (6 + 5!)))) - (((4!/3!)/2) + 1) \\
 298494 &:= (((12 + 3)^4) \times 5) + ((6! \times 7) + 8!) + 9 &= ((9 \times (8 + (7! + (6 \times 5!))))/4) \times ((3! - 2!) - 1) \\
 298495 &:= (((1 + 2)^3) + 4!) \times (5 + (6! + 7!)) + 8!/9 &= (9 \times (8! - (7! - (6 + 5!)))) - (((4!/3!)/2) - 1) \\
 298496 &:= (1 \times 2^{3!}) \times (4! - ((5 \times 6! - (7! + 8!))/9)) &= 9 + ((8! - 7) + ((6 + 5!) \times (4^{3!}/2 + 1))) \\
 298497 &:= (1 + ((2 + 3!) \times (4! \times 5!))) + (6^7 - 8!/9) &= ((9 \times 8 \times (7! - 6!)) - ((5! - 4!/3!)^2)) + 1 \\
 298498 &:= (1 - ((2 - 3! \times 4!) \times 5!)) - (6! - (7 \times (8! - 9))) &= -9 + ((8 + ((7! - 65) \times ((4! + 3!) \times 2))) - 1) \\
 298499 &:= 1 \times ((2 + 3)^4 + (5^6 + (7 \times 8! + 9))) &= (9 \times (((8 + 7!) \times 6) + (5! \times 4!))) - (3! \times 2 + 1) \\
 298500 &:= 1 \times 2 + ((3!! - 4!) + (5^6 + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + ((6! - 5!) \times (4! + 3))) - (2 + 1) \\
 298501 &:= (1 - 2 \times 3!) + ((4! \times 5! + (6 \times (7! + 8))) \times 9) &= (9 \times (((8 + 7!) \times 6) + (5! \times 4!))) - ((3! \times 2) - 1) \\
 298502 &:= 1 - ((2 + ((3 + 4!) \times (5! - 6!))) - (7 \times (8! + 9))) &= (9 \times (((8 + 7!) \times 6) + (5! \times 4!))) - (3^2 + 1) \\
 298503 &:= ((1 + 2)!! - (3!! \times 4!)) + (((5! + 6^7)/8) \times 9) &= (9 + 8 \times 7!) + ((6 + 5!) \times (4^{3!}/2 + 1)) \\
 298504 &:= (((1 + 2)!! - 3 \times 4!) + (5^6 + 7 \times 8!)) - 9 &= (((9 + 8!) \times 7) + (((6! - 5!) \times (4! + 3)) + 2)) - 1 \\
 298505 &:= 1 \times (2 - (((3 + 4!) \times (5! - 6!)) - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + (((6! - 5!) \times (4! + 3)) + 2)) \times 1 \\
 298506 &:= 1 - ((2^{3!} \times ((4! + (5! - 6! - 7)) \times 8)) - 9) &= (((9 + 8!) \times 7) + (((6! - 5!) \times (4! + 3)) + 2)) + 1 \\
 298507 &:= (((1 + 2)^3) - (4! - 5^6)) + (7 \times (8! - 9)) &= (9 \times ((8 + 7!) \times 6)) + (5 \times (((4! \times 3!)^2) - 1)) \\
 298508 &:= (1 \times 2 + ((3!! + 4) \times 5!)) - (6 \times (7! - 8! + 9)) &= ((9 \times (((8 + 7!) \times 6) + (5! \times 4!))) - 3) - (2 - 1) \\
 298509 &:= (((1 + ((2 \times 3!^4) + 5!)) \times 6) + 7 \times 8!) - 9 &= ((9 \times (((8 + 7!) \times 6) + (5! \times 4!))) - 3) \times (2 - 1) \\
 298510 &:= (1 + 2)!! - ((3 \times 4) - (5^6 + (7 \times (8! - 9)))) &= 9 + 8! + (7 + ((6 + 5!) \times (4^{3!}/2 + 1))) \\
 298511 &:= 1 \times 2 - (3 - ((4! \times 5! + (6 \times (7! + 8))) \times 9)) &= (9 \times ((8!/7 + 6!) \times 5)) + (((4!^3)/2) - 1) \\
 298512 &:= (1 \times 2 \times (3!! - (4! + 5))) \times (6! - (7 \times 8 \times 9)) &= (9 \times ((8!/7 + 6!) \times 5)) + ((4!^3)/2 \times 1) \\
 298513 &:= ((1 + 2)!! - (3^4 - 5^6)) + (7 \times 8! + 9) &= (9 \times ((8!/7 + 6!) \times 5)) + (((4!^3)/2) + 1) \\
 298514 &:= (1 - 2) + (3 + ((4! \times 5! + (6 \times (7! + 8))) \times 9)) &= ((9 \times (((8 + 7!) \times 6) + (5! \times 4!))) + (3 - 2)) + 1 \\
 298515 &:= (1 + 2)! - (3 - ((4! \times 5! + (6 \times (7! + 8))) \times 9)) &= ((9 \times (((8 + 7!) \times 6) + (5! \times 4!))) + 3) \times (2 - 1) \\
 298516 &:= 1 \times ((2 + (3 \times 4!)) \times (5! - (6 + ((7! - 8!)/9)))) &= ((9 \times (((8 + 7!) \times 6) + (5! \times 4!))) + 3) + (2 - 1) \\
 298517 &:= 1 + ((2 + (3 \times 4!)) \times (5! - (6 + ((7! - 8!)/9)))) &= (9 \times ((8 + 7!) \times 6)) + (5 \times (((4! \times 3!)^2) + 1)) \\
 298518 &:= (1 + 2) + (3 + ((4! \times 5! + (6 \times (7! + 8))) \times 9)) &= ((9 \times (((8 + 7!) \times 6) + (5! \times 4!))) + 3) + (2 + 1) \\
 298519 &:= (-1 - ((2 - 3!!) \times 4!)) + (56 \times (7! - (8 + 9))) &= (9 + 8! \times 7 + 6) - (5! - (4^{3!+2-1}))
 \end{aligned}$$

$$\begin{aligned}
 298520 &:= 1 \times (((2 + 3!) - 4) + (5^6 + (7 \times (8! - 9)))) &= 9 + ((8! \times 7) - (((6^5 - (4!/3)!) / 2) + 1)) \\
 298521 &:= 1 \times (((2 \times 3!^4) + 5!) \times 6) + (7 \times 8! + 9) &= (9 \times (((8 + 7!) \times 6) + (5! \times 4! + (3 - 2)))) \times 1 \\
 298522 &:= 1 + (((2 \times 3!^4) + 5!) \times 6) + (7 \times 8! + 9) &= (9 \times (((8 + 7!) \times 6) + (5! \times 4!))) + 3^2 + 1 \\
 298523 &:= 1 + (((2 - (3 - 4)))!) + (5^6 + (7 \times (8! - 9))) &= (9 \times (((8 + 7!) \times 6) + (5! \times 4!))) + ((3! \times 2) - 1) \\
 298524 &:= 1 \times (2 \times 3! + ((4! \times 5! + (6 \times (7! + 8))) \times 9)) &= (9 \times (((8 + 7!) \times 6) + (5! \times 4!))) + (3! + (2 + 1)!) \\
 298525 &:= 1 + 2 \times 3! + ((4! \times 5! + (6 \times (7! + 8))) \times 9) &= (9 \times (((8 + 7!) \times 6) + (5! \times 4!))) + (3! \times 2 + 1) \\
 298526 &:= ((12 \times 3!^4) + 5) + (6! + (7 \times 8! + 9)) &= ((9 \times 8) + (7 \times (6! + 5))) \times ((4^3) - (2 + 1)!) \\
 298527 &:= (((1 + ((2 \times 3!^4) + 5!)) \times 6) + 7 \times 8!) + 9 &= (((9 + 8!) \times 7) + (6! - 5!)) + ((4! + 3!) \times 21) \\
 298528 &:= (1 \times 2 + 3!) + (4 + (5^6 + (7 \times (8! - 9)))) &= (((9 \times 8) + 7!) \times (6 \times 5)) - 4^3 \times 2 \times 1 \\
 298529 &:= ((1 + 2) + 3!) + (4 + (5^6 + (7 \times (8! - 9)))) &= (9 \times (8! - (7! - 6))) - (((5! + (4! - 3!))^2) + 1) \\
 298530 &:= (((1 + 2) \times 3!) / 4) - 5) \times ((6 + 7 \times 8) \times 9) &= (9 \times (8! - (7! - 6))) - ((5! + (4! - 3!))^2 \times 1) \\
 298531 &:= (1 - (23 \times ((4 + 5) - 6!))) + (7 \times (8! - 9)) &= (9 \times (8! - (7! - 6))) - (((5! + (4! - 3!))^2) - 1) \\
 298532 &:= 1 \times (2 - ((3! + 4!) \times (5! + (6 \times 7! - 8! + 9)))) &= (98 - ((7! + 6) \times (5 - 4^3))) + ((2 + 1)!) \\
 298533 &:= 1 + (2 - ((3! + 4!) \times (5! + (6 \times 7! - 8! + 9)))) &= (9 \times (((8 + 7!) \times 6) + (5! \times 4! + 3))) - (2 + 1)! \\
 298534 &:= ((1 + 2)!) + ((3 \times 4) + (5^6 + (7 \times (8! - 9)))) &= (((9 + 8) + ((7! - 65) \times (4! + 3!))) \times 2) \times 1 \\
 298535 &:= (((1 + 2)^3) + (4 + 5^6)) + (7 \times (8! - 9)) &= (9 \times (((8 + 7!) \times 6) + (5! \times 4!))) + ((3! - 2)! - 1) \\
 298536 &:= (1 + 2)! + (((3! + 4) \times (5 - 6!)) + 7! \times 8) \times 9 &= ((9 \times (((8 + 7!) \times 6) + (5! \times 4! + 3))) - 2) - 1 \\
 298537 &:= (1 - (2 + 3)!) + (4! \times ((5 + (6! + 7)) \times (8 + 9))) &= ((9 \times (((8 + 7!) \times 6) + (5! \times 4! + 3))) - 2) \times 1 \\
 298538 &:= 1 - (2 - ((3 + (4! \times 5! + (6 \times (7! + 8)))) \times 9)) &= ((9 \times (((8 + 7!) \times 6) + (5! \times 4! + 3))) - 2) + 1 \\
 298539 &:= (1 + 2)^3 + ((4! \times 5! + (6 \times (7! + 8))) \times 9) &= (9 \times (((8 + 7!) \times 6) + (5! \times 4! + 3))) \times (2 - 1) \\
 298540 &:= ((1 - (2 \times (3! + 4!))) \times (5! / 6 + 7!)) \times (8 - 9) &= ((9 \times (((8 + 7!) \times 6) + (5! \times 4! + 3))) + 2) - 1 \\
 298541 &:= 1 \times (2 + ((3 + (4! \times 5! + (6 \times (7! + 8)))) \times 9)) &= ((9 \times (((8 + 7!) \times 6) + (5! \times 4! + 3))) + 2) \times 1 \\
 298542 &:= 1 + (2 + ((3 + (4! \times 5! + (6 \times (7! + 8)))) \times 9)) &= ((9 \times (((8 + 7!) \times 6) + (5! \times 4! + 3))) + 2) + 1 \\
 298543 &:= (1 + 2)!! - ((3 - 4!) - (5^6 + (7 \times (8! - 9)))) &= ((9 + 8!) \times 7) - (6! / 5 - (4^{3!+2-1})) \\
 298544 &:= (1 + (((23 \times 4!) + 5) \times (67 \times 8))) - 9 &= ((9 \times (((8 + 7!) \times 6) + (5! \times 4!))) + 32) \times 1 \\
 298545 &:= 1 - ((2 - (3!! + 4!)) - (5^6 + (7 \times (8! - 9)))) &= (9 \times (((8 + 7!) \times 6) + (5! \times 4! + 3))) + (2 + 1)! \\
 298546 &:= ((1 + 2)!! - 3!) - (4! - (5^6 + 7 \times 8! - 9)) &= -9 - (((8 - 7) + (6! + 5!)) \times (4 - (3!! / 2 - 1))) \\
 298547 &:= (-1 \times ((2^3) - (((4 \times 5!) - 6) \times (7! / 8))) - 9 &= (9 \times (((8 + 7!) \times 6) + (5! \times 4!))) + (3!^2 - 1) \\
 298548 &:= (1 - 2^3) + (((4 \times 5!) - 6) \times (7! / 8)) - 9 &= (((9 + (8! / 7)) \times (6 + (5 \times 4))) - 3!) \times 2 \times 1 \\
 298549 &:= 1 - ((2 - (3! + (4! \times 5! + (6 \times (7! + 8)))) \times 9) &= (9 \times (((8 + 7!) \times 6) + (5! \times 4!))) + 3!^2 + 1 \\
 298550 &:= 1 - (2 - (((3!! + 4) \times 5!) - ((6 \times (7! - 8!)) + 9))) &= ((-9 + 8! \times 7) - 6!) + ((5! \times ((4! \times 3!) - 2)) - 1) \\
 298551 &:= 1 - ((2 - (3!! - 4!)) - (5^6 + 7 \times 8! - 9)) &= (((9 + 8) \times (((7 + (6! + 5)) \times 4!) - 3!)) - 2) - 1 \\
 298552 &:= (1 - ((2 - 3! \times 4!) \times 5!)) - (6! - (7 \times 8! - 9)) &= (((9 + 8) \times (((7 + (6! + 5)) \times 4!) - 3!)) - 2) \times 1 \\
 298553 &:= (1 \times 2 + ((3!! + 4) \times 5!)) - ((6 \times (7! - 8!)) + 9) &= ((9 + 8! / ((7 - 6) \times 5))) - 4) \times (3!^2 + 1) \\
 298554 &:= 1 \times 2 + ((3!! - 4!) + (5^6 + 7 \times 8! - 9)) &= ((9 + 8) \times (((7 + (6! + 5)) \times 4!) - 3!)) \times (2 - 1) \\
 298555 &:= (((1 + 2)!! + (3 - 4!)) + (5^6 + 7 \times 8!)) - 9 &= (9 \times (((8 + 7!) \times 6) + (5 + (4 \times 3!)))) - 2 \times 1 \\
 298556 &:= 1 - ((2 + (3^{4+5})) - (6! - ((7! - 8!) \times 9))) &= 9 - ((8 - (7! / 6 - 5)) \times (((4 + 3!) / 2) - 1)) \\
 298557 &:= ((1 + 2)! + (((3!! + 4) \times 5!) - (6 \times (7! - 8!)))) - 9 &= ((9 \times (8! - 7!) / 6!) \times (((5 \times 4) + 3!)^2) + 1)
 \end{aligned}$$

$$\begin{aligned}
 298558 &:= (((1+2)!! + (3! - 4!)) + (5^6 + 7 \times 8!)) - 9 &= ((9 \times (((8+7!) \times 6) + (5 + (4 \times 3!)))) + 2) - 1 \\
 298559 &:= 1 \times 2 + (((3!! \times 4) + (5 + (6 \times (7! + 8)))) \times 9) &= ((9 \times (((8+7!) \times 6) + (5 + (4 \times 3!)))) + 2) \times 1 \\
 298560 &:= (1+2) + (((3!! \times 4) + (5 + (6 \times (7! + 8)))) \times 9) &= ((9 \times (8! - 7!)) / 6) + (5! \times (4^{3!} / 2 - 1)) \\
 298561 &:= (((1+2)^{3!}) - (4! - (5^6 + 7 \times 8!))) - 9 &= (((9+8!) \times 7) - 6) - (5! - (4^{3!+2-1})) \\
 298562 &:= (1 + (2^{34-5!/6})) + (7 \times (8! - 9)) &= ((9 \times (8! - 7!)) + 6!) + (5 - ((4! + 3)^{2+1})) \\
 298563 &:= (1+2)! + (((3!! \times 4) + (5 + (6 \times (7! + 8)))) \times 9) &= ((9 \times (((8+7!) \times 6) + (5! \times 4! + 3!))) - 2) - 1 \\
 298564 &:= ((1+2)!! - 3!) - (4! - (5^6 + (7 \times 8! + 9))) &= ((9 \times (((8+7!) \times 6) + (5! \times 4! + 3!))) - 2) \times 1 \\
 298565 &:= 1 - (2 - ((3! + (4! \times 5! + (6 \times (7! + 8)))) \times 9)) &= ((9 \times (((8+7!) \times 6) + (5! \times 4! + 3!))) - 2) + 1 \\
 298566 &:= (1 - 2^{3!}) + (((4 \times 5!) - 6) \times (7! / 8) + 9) &= (9 \times ((8 \times 7! + 6!) / 5!)) \times ((4 \times (3! - 2)!) + 1) \\
 298567 &:= ((1+2)!! - (3^4 - 5^6)) + (7 \times (8! + 9)) &= ((9 \times (((8+7!) \times 6) + (5! \times 4! + 3!))) + 2) - 1 \\
 298568 &:= 1 - (2 - (((3!! + 4) \times 5!) - ((6 \times (7! - 8!)) - 9))) &= ((9 \times (((8+7!) \times 6) + (5! \times 4! + 3!))) + 2) \times 1 \\
 298569 &:= (1 + (2 \times (3! \times (4! + (5 \times (6 + 7!)))))) - 8! / 9 &= ((9 \times (((8+7!) \times 6) + (5! \times 4! + 3!))) + 2) + 1 \\
 298570 &:= (1 - ((2 - 3! \times 4!) \times 5!)) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) + ((5! \times ((4! \times 3!) - 2)) + 1) \\
 298571 &:= 1 \times ((2 + ((3!! + 4) \times 5!)) - ((6 \times (7! - 8!)) - 9)) &= (9 + (((8! - 7!) \times 6) + (5! \times (4 + 3!)))) + (2 \times 1) \\
 298572 &:= 1 + ((2 + ((3!! + 4) \times 5!)) - ((6 \times (7! - 8!)) - 9)) &= (9 + (((8! - 7!) \times 6) + (5! \times (4 + 3!)))) + (2 + 1) \\
 298573 &:= (((1+2)!! + (3 - 4!)) + (5^6 + 7 \times 8!)) + 9 &= (((9+8!) \times 7) + 6) - (5! - (4^{3!+2-1})) \\
 298574 &:= 1 \times 2 + ((3!! - 4) + (5^6 + 7 \times 8! - 9)) &= ((9+8!) \times 7) - (((6^5 - (4! / 3)!) / 2) + 1) \\
 298575 &:= 1 \times (((2 \times 3!^4) + 5!) \times 6) + (7 \times (8! + 9)) &= (9 \times (8! - 7!)) - (6! + ((5 \times (4! + 3))^2 \times 1)) \\
 298576 &:= 1 - ((2 - (((3! + 4) \times (5 - 6!)) + 7 + 8!)) \times 9) &= ((9+8!) \times 7) - (((6^5 - (4! / 3)!) / 2) - 1) \\
 298577 &:= (1 + 2^{3!}) + ((4! \times 5! + (6 \times (7! + 8))) \times 9) &= 9 + (8 \times (((7+6) \times (5! \times 4!)) - (((3+2)!) - 1))) \\
 298578 &:= ((1+2)! + 3!) - (4 - (5^6 + 7 \times 8! - 9)) &= (9 \times (((8+7!) \times 6) + (5 + (4 \times 3!)))) + 21 \\
 298579 &:= (((1+2)^{3!}) - (4! - (5^6 + 7 \times 8!))) + 9 &= 9 - ((8 - (76 + 5)) \times (4^{3!} - (2 + 1)!)) \\
 298580 &:= (1 \times 2 \times ((3!! - 4!) - 5^6)) \times (7 - (8 + 9)) &= ((98 + (7! \times 6)) - (5! \times 4)) \times (3^2 + 1) \\
 298581 &:= ((1 + ((2 \times 3!^4) + 5!)) \times 6) + (7 \times (8! + 9)) &= (-9 + 8! \times 7) + (654 \times ((3! - 2)!) + 1) \\
 298582 &:= 1 \times ((2 + (3!! + 4)) + (5^6 + 7 \times 8! - 9)) &= (-9 + ((87 + 6!) \times (((5 \times 4) + 3!) / 2))) + 1 \\
 298583 &:= 1 + ((2 + (3!! + 4)) + (5^6 + 7 \times 8! - 9)) &= (9 \times ((8! - 7!) - (6^5 / 4))) - (3!! \times 2 + 1) \\
 298584 &:= (((1+2)!! - (3! + 4)) + (5^6 + 7 \times 8!)) + 9 &= (9 \times ((8 + ((7! - 6! + 5) \times 4)) - 3!)) \times 2 \times 1 \\
 298585 &:= (1 - ((23 \times ((4 + 5) - 6!)) - (7 \times 8!))) - 9 &= (9 \times ((8! - 7!) - (6^5 / 4))) - (3!! \times 2 - 1) \\
 298586 &:= 1 - ((2 \times 3!! \times 4! - 5^6) + ((7! - 8!) \times 9)) &= (((-9 + ((8 \times (7 + 6)) \times 5!)) \times 4!) - (3!! - 2)) \times 1 \\
 298587 &:= (1+2)!! - ((3+4) - (5^6 + (7 \times 8! + 9))) &= ((9+8) \times (((7 + (6! + 5)) \times 4!) - (3! - 2))) - 1 \\
 298588 &:= (1 \times 2 \times (3!! + ((4! + 5) \times (6 + 7!)))) + 8! / 9 &= ((9+8) \times (((7 + (6! + 5)) \times 4!) - (3! - 2))) \times 1 \\
 298589 &:= (1 + (2 \times (3!! + ((4! + 5) \times (6 + 7!)))) + 8! / 9 &= (9 \times ((8! - 7) - 6^5)) + (4 \times (3!! \times 2 - 1)) \\
 298590 &:= ((1+2)!! - ((3! + 4) \times (5 - 6 \times 7!))) - 8! / 9 &= (9 + 8! + (7 \times (6! + ((5^4) + 3)))) \times (2 + 1)! \\
 298591 &:= 1 - ((2 - (3 \times (4 + 5!))) \times (6! + (78 + 9))) &= (9 + 8! \times 7) + ((6! + ((5! / 4!)^{3!})) - 2 - 1) \\
 298592 &:= 1 \times (((2 + 3!!) - 4) + (5^6 + (7 \times 8! + 9))) &= (9 \times ((8! - 7) - 6^5)) + ((4 \times 3!! \times 2) - 1) \\
 298593 &:= 1 + (((2 + 3!!) - 4) + (5^6 + (7 \times 8! + 9))) &= ((9 + (8! \times 7 + 6!)) + ((5! / 4!)^{3!})) - (2 - 1) \\
 298594 &:= 1 - (((2 - (3 \times 4)) \times (5 - 6!)) - (7 + 8!)) \times 9 &= (9 \times ((8! - 7) - 6^5)) + ((4 \times 3!! \times 2) + 1) \\
 298595 &:= (1 \times 2 + (3! \times (4! \times (5! - 6)))) + (7 \times (8! - 9)) &= ((9 + (8! \times 7 + 6!)) + (((5! / 4!)^{3!} + 2)) - 1
 \end{aligned}$$

$$\begin{aligned}
 298596 &:= ((1+2)! + 3!) - (4 - (5^6 + (7 \times 8! + 9))) &= ((9 + (8! \times 7 + 6!)) + (((5!/4!)^{3!} + 2)) \times 1 \\
 298597 &:= (1+2)!! - ((3-4!) - (5^6 + 7 \times 8! - 9)) &= ((9 + (8! \times 7 + 6!)) + (((5!/4!)^{3!} + 2)) + 1 \\
 298598 &:= (((1+2)!! - 3!) \times 4!) + (5 - 6!) + (7 \times (8! - 9)) &= (9 + (8! \times 7 + (6! + 5))) + ((4! + 3!) \times 21) \\
 298599 &:= 1 - ((2 - (3!! + 4!)) - (5^6 + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6! + 5!)) + (4! \times (3!! - (2 + 1)!)) \\
 298600 &:= (1 - 2 \times 3!) + (((4 \times 5!) - 6) \times (7!/8)) - 9 &= ((9 + (8! \times 7 + 6!)) + ((5!/4!)^{3!}) + (2 + 1)! \\
 298601 &:= ((1+2) + 3!) + (4 + (5^6 + (7 \times 8! + 9))) &= 9 - (8 \times (7! - (6! + ((5! - 4) \times (3!!/2 - 1)))) \\
 298602 &:= (1 \times 2 + 3!!) + (4! + (5^6 + 7 \times 8! - 9)) &= (((9 + 8) \times (((7 + (6! + 5)) \times 4!) - 3)) - 2) - 1 \\
 298603 &:= ((1+2) + 3!) + (4! + (5^6 + 7 \times 8! - 9)) &= 9 + (((8! \times 7) - 6 \times 5) + (4^{3!+2-1})) \\
 298604 &:= (((1+2)!! + (3! + 4)) + (5^6 + 7 \times 8!)) + 9 &= (((9 + 8) \times (((7 + (6! + 5)) \times 4!) - 3)) - 2) + 1 \\
 298605 &:= (((1+2)^{3!+4}) \times 5) + (6 \times (7! - 8!/9)) &= ((9 + 8) \times (((7 + (6! + 5)) \times 4!) - 3)) \times (2 - 1) \\
 298606 &:= ((1+2)! + 3!) + (4! + (5^6 + 7 \times 8! - 9)) &= (((9 + 8) \times (((7 + (6! + 5)) \times 4!) - 3)) + 2) - 1 \\
 298607 &:= (((1+2)^{3!}) + (4 + 5^6)) + (7 \times 8! + 9) &= (((9 + 8) \times (((7 + (6! + 5)) \times 4!) - 3)) + 2) \times 1 \\
 298608 &:= ((1+2) - 3!) + (((4 \times 5!) - 6) \times (7!/8)) - 9 &= (((9 + 8) \times (((7 + (6! + 5)) \times 4!) - 3)) + 2) + 1 \\
 298609 &:= (((1 - 2 \times 3!) \times 4!) + 5^6) - ((7! - 8!) \times 9) &= 9 + (8 \times (7! \times 6 - (5 \times (4! - (3!! \times 2 + 1)))) \\
 298610 &:= 1 - (2 + ((3! - (4! \times (5!/6))) \times (7!/8)) + 9) &= (9 + 8 \times 7) \times (6 + ((5! + 4) \times (3!^2 + 1))) \\
 298611 &:= 1 + (((2 - 3) + (((4 \times 5!) - 6) \times (7!/8))) - 9) &= (((9 + 8! - 7!) \times 6) + ((5! \times (4 + 3!)) - 2)) - 1 \\
 298612 &:= (((1+2)!! - (3! - 4!)) + (5^6 + 7 \times 8!)) + 9 &= (((9 + 8! - 7!) \times 6) + ((5! \times (4 + 3!)) - 2)) \times 1 \\
 298613 &:= 1 \times (2 - ((3! - (4! \times (5!/6))) \times (7!/8)) + 9) &= (((9 + 8! - 7!) \times 6) + ((5! \times (4 + 3!)) - 2)) + 1 \\
 298614 &:= 1 + (2 - ((3! - (4! \times (5!/6))) \times (7!/8)) + 9) &= ((9 + (8! + 7!)) \times 6) + (5! \times (4 + (3!^{2+1}))) \\
 298615 &:= (1+2)!! - ((3-4!) - (5^6 + (7 \times 8! + 9))) &= (((9 + 8! - 7!) \times 6) + ((5! \times (4 + 3!)) + 2)) - 1 \\
 298616 &:= (((1 + ((2 + 3!) \times 4!)) \times 5!) + 6^7) - 8!/9 &= (((9 + 8! - 7!) \times 6) + ((5! \times (4 + 3!)) + 2)) \times 1 \\
 298617 &:= (1+2)! - (((3! - (4! \times (5!/6))) \times (7!/8)) + 9) &= (((9 + 8! - 7!) \times 6) + ((5! \times (4 + 3!)) + 2)) + 1 \\
 298618 &:= (1 - 2 \times 3!) + (((4 \times 5!) - 6) \times (7!/8)) + 9 &= (9 + 8! \times 7) + (((6 + 5) \times ((4! + 3!) \times 2)) + 1) \\
 298619 &:= 1 \times ((2 + 3!! \times 4!) - (5! + (6! - (7 \times (8! - 9)))) &= (9 \times 8 \times 7) + (((6! - ((5 + 4!) \times 3!))^{2}) - 1) \\
 298620 &:= 1 + ((2 + 3!! \times 4!) - (5! + (6! - (7 \times (8! - 9)))) &= (9 \times 8 \times 7) + ((6! - ((5 + 4!) \times 3!))^{2} \times 1) \\
 298621 &:= ((1+2) + 3!) + (4! + (5^6 + (7 \times 8! + 9))) &= (9 \times 8 \times 7) + (((6! - ((5 + 4!) \times 3!))^{2}) + 1) \\
 298622 &:= 1 - ((2 + 3!) - (((4 \times 5!) - 6) \times (7!/8)) + 9) &= (((9 + 8!) \times 7) - 6!) + ((5! \times ((4! \times 3!) - 2)) - 1) \\
 298623 &:= ((1+2)! + 3!) + (((4 \times 5!) - 6) \times (7!/8)) - 9 &= (((9 + 8!) \times 7) - 6!) + (5! \times ((4! \times 3!) - (2 \times 1))) \\
 298624 &:= 1 + 2 \times 3! + (((4 \times 5!) - 6) \times (7!/8)) - 9 &= (((9 + 8!) \times 7) - 6!) + ((5! \times ((4! \times 3!) - 2)) + 1) \\
 298625 &:= 1 \times (2 - (3! - (((4 \times 5!) - 6) \times (7!/8)) + 9)) &= (((9 + 8) \times ((7 + (6! + 5)) \times 4!)) - 32) + 1 \\
 298626 &:= 1 + (2 - (3! - (((4 \times 5!) - 6) \times (7!/8)) + 9)) &= 9 + (((8! \times 7) - 6) + ((5! + (4!/3))^{2})) - 1 \\
 298627 &:= 1 + (((2 + 3!!) - 4!) + (5^6 + (7 \times (8! + 9)))) &= (((9 + 8! \times 7) - 6) + ((5! + (4!/3))^{2})) \times 1 \\
 298628 &:= 1 - ((2 + ((3! - (4! \times (5!/6))) \times (7!/8))) - 9) &= (((9 + 8! \times 7) - 6) + ((5! + (4!/3))^{2})) + 1 \\
 298629 &:= (1+2)!! - (3!! - (((4 \times 5!) - 6) \times (7!/8)) + 9) &= (9 \times (8! + (((7 - 6!) \times (5 + 4)) - (3!! + 2)))) \times 1 \\
 298630 &:= ((1+2)! + 3!) - (4! - (5^6 + (7 \times (8! + 9)))) &= (9 \times (8! + (((7 - 6!) \times (5 + 4)) - (3!! + 2)))) + 1 \\
 298631 &:= 1 \times (2 - ((3! - (4! \times (5!/6))) \times (7!/8)) - 9) &= ((9 + 8) \times ((7 + (6! + 5)) \times 4!)) - ((3! - 2)! + 1) \\
 298632 &:= 1 + (2 - ((3! - (4! \times (5!/6))) \times (7!/8)) - 9) &= (9 \times ((8 + 7!) \times 6)) + (5! \times ((4! \times (3^2)) + 1)) \\
 298633 &:= (((1+2)^{3!}) - (4! - 5^6)) + (7 \times (8! + 9)) &= ((9 + 8! \times 7) + (((6 + 5!) - 4 + 3!)^{2})) \times 1
 \end{aligned}$$

$$\begin{aligned}
 298634 &:= 1 \times 2 + (3 + (((4 \times 5!) - 6) \times (7!/8) + 9)) &= ((9 + 8! \times 7) + (((6 + 5!) - 4 + 3!)^2)) + 1 \\
 298635 &:= 1 - ((2 + 3^4) \times (((5! + 6) \times 7) - 8!/9)) &= (9 + ((8 + 7! - 6!) \times (5 + 4^3))) - (2 + 1)! \\
 298636 &:= (1 + 2)!! - ((3 \times 4) - (5^6 + (7 \times (8! + 9)))) &= (9 + 8 - (7! + 6!)) \times (5 - (4! + (32 + 1))) \\
 298637 &:= 1 \times (2 + (3! + (((4 \times 5!) - 6) \times (7!/8) + 9))) &= (9 \times (8! - (7! + (((6! - 5 \times 4) \times 3) - 2)))) - 1 \\
 298638 &:= 1 + (2 + (3! + (((4 \times 5!) - 6) \times (7!/8) + 9))) &= (9 + 8! \times 7 + 6) + (((5! + (4!/3))^2) - 1) \\
 298639 &:= 1 \times (((2 - 3) + (4! \times (5 + (6! + 7)))) \times (8 + 9)) &= (9 \times (8! - (7! + (((6! - 5 \times 4) \times 3) - 2)))) + 1 \\
 298640 &:= (1 + 2)!! - ((3 \times (4! \times (5! + 6! - 7!))) + 8!/9) &= (9 + 8! \times 7) + (6 + (((5! + (4!/3))^2) + 1)) \\
 298641 &:= ((1 + 2)! + 3!) + (((4 \times 5!) - 6) \times (7!/8) + 9) &= ((9 + 8! \times 7) + (6^5)) + (4! \times (3!!/2 - 1)) \\
 298642 &:= 1 + 2 \times 3! + (((4 \times 5!) - 6) \times (7!/8) + 9) &= 9 - (((8 + 7! - 6!) \times (5 - ((4! \times 3) + 2))) - 1) \\
 298643 &:= 1 - ((2 - (3!! - 4)) - (5^6 + (7 \times (8! + 9)))) &= (9 + ((8 + 7! - 6!) \times (5 + 4^3))) + (2 \times 1) \\
 298644 &:= 1 - (((2^{3 \times 4}) - 5) \times ((6 - 7) - 8 \times 9)) &= (9 + 8! \times 7 + 6) + (5 + (4^{3!+2-1})) \\
 298645 &:= (1 - 2 \times 3!) + (4! \times ((5 + (6! + 7)) \times (8 + 9))) &= (((((9 + 8!) \times 7) + 6!) + ((5!/4!)^{3!})) - 2) - 1 \\
 298646 &:= 1 \times (((2 + 3!!) - 4) + (5^6 + (7 \times (8! + 9)))) &= (((((9 + 8!) \times 7) + 6!) + ((5!/4!)^{3!})) - 2) \times 1 \\
 298647 &:= 1 + (((2 + 3!!) - 4) + (5^6 + (7 \times (8! + 9)))) &= (((((9 + 8!) \times 7) + 6!) + ((5!/4!)^{3!})) - 2) + 1 \\
 298648 &:= 1 \times (((((2 - (3 - 4)))!)! + (5^6 + (7 \times (8! + 9)))) &= (((9 + 8) \times ((7 + (6! + 5)) \times 4!)) - (3! + 2)) \times 1 \\
 298649 &:= (1 \times 2 + (3! \times (4! \times (5! - 6)))) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) + (6! + (((5!/4!)^{3!}) + (2 - 1))) \\
 298650 &:= ((1 + 2) + ((3! \times (4! \times (5! - 6))) + 7 \times 8!)) - 9 &= ((9 + 8!) \times 7) + (6! + (((5!/4!)^{3!}) + 2 \times 1)) \\
 298651 &:= (((1 + 2)^{3!+4}) - (5 - (6^7 - 8!))) - 9 &= (((9 + 8) \times ((7 + (6! + 5)) \times 4!)) - (3! - 2)) - 1 \\
 298652 &:= 1 \times 2 + ((3! + 4!) \times (5^6 - ((7!/8) \times 9))) &= (9 \times (8 \times 7! - 6^5)) + (4 \times (3!! \times 2 - 1)) \\
 298653 &:= (1 + 2) + ((3! + 4!) \times (5^6 - ((7!/8) \times 9))) &= (((9 + 8) \times ((7 + (6! + 5)) \times 4 \times 3!)) - 2) - 1 \\
 298654 &:= 1 \times ((2 + (3!! + 4)) + (5^6 + (7 \times (8! + 9)))) &= (((9 + 8) \times ((7 + (6! + 5)) \times 4 \times 3!)) - 2) \times 1 \\
 298655 &:= 1 + ((2 + (3!! + 4)) + (5^6 + (7 \times (8! + 9)))) &= (9 \times (8! - (7! - 6!/5))) - (((4!/3)!/2) + 1) \\
 298656 &:= (((1 + 2)^3) + (((4 \times 5!) - 6) \times (7!/8))) + 9 &= (9 \times (8 + 7! - ((6! \times 5)/4))) \times (3! + 2 \times 1) \\
 298657 &:= ((1 + 2)!! + (3^4 + 5^6)) + (7 \times 8! - 9) &= (9 \times (8! - (7! - 6!/5))) - (((4!/3)!/2) - 1) \\
 298658 &:= ((1 + 2)! + 3!!) + (4 + (5^6 + (7 \times (8! + 9)))) &= (((9 + 8) \times ((7 + (6! + 5)) \times 4 \times 3!)) + 2) \times 1 \\
 298659 &:= (((1 + 2) \times (3! + 4)^5) - (6! + 7!/8)) + 9 &= (((9 + 8) \times ((7 + (6! + 5)) \times 4 \times 3!)) + 2) + 1 \\
 298660 &:= (((1 + 2)!! - 3!) \times 4!) - (5 + 6! - (7 \times 8!)) + 9 &= (9 \times (8 \times 7! - 6^5)) + (4 \times (3!! \times 2 + 1)) \\
 298661 &:= (((1 + 2)^{3!+4}) + ((5 + 6^7) - 8!)) - 9 &= (((9 + 8) \times ((7 + (6! + 5)) \times 4!)) + (3! - 2)) + 1 \\
 298662 &:= ((1 + 2) - 3^4) \times (5 - (6 \times (7!/8 + 9))) &= ((9 + 8! \times 7) - (((6 - 5!) \times (4! \times 3!)) + 2)) - 1 \\
 298663 &:= (((((12 + 3)^4) - 5) \times 6) - 7! - 8) - 9 &= ((9 + 8! \times 7) - (((6 - 5!) \times (4! \times 3!)) + 2)) \times 1 \\
 298664 &:= 1 - (((2 + (3!!/4 \times 5!)) - 6^7) - 8! - 9) &= ((9 + 8! \times 7) - (((6 - 5!) \times (4! \times 3!)) + 2)) + 1 \\
 298665 &:= ((1 \times 2 + 3!!) \times 4!) - (5! + (6! - (7 \times (8! - 9)))) &= 9 - ((8 - 7 \times 6) \times (5! + (4! \times (3!!/2 + 1)))) \\
 298666 &:= ((1 + ((2 + 3!!) \times 4!)) - 5!) - (6! - (7 \times (8! - 9))) &= ((9 + 8! \times 7) - (((6 - 5!) \times (4! \times 3!)) - 2)) - 1 \\
 298667 &:= 1 \times (((2 - (3!!/4 \times 5!)) + 6^7) + 8! + 9) &= ((9 + 8! \times 7) - (((6 - 5!) \times (4! \times 3!)) - 2)) \times 1 \\
 298668 &:= 1 + (((2 - (3!!/4 \times 5!)) + 6^7) + 8! + 9) &= ((9 + 8! \times 7) - (((6 - 5!) \times (4! \times 3!)) - 2)) + 1 \\
 298669 &:= (((1 + 2)^{3!+4}) - (5 - (6^7 - 8!))) + 9 &= (9 \times (8! - 7!) - ((6! + 5) \times ((4 \times 3!) + 2))) - 1 \\
 298670 &:= 1 - (2 - (3!! \times 4! - (5! + (6! - (7 \times 8! - 9)))) &= (9 \times (8! - 7!) - ((6! + 5) \times ((4 \times 3!) + 2))) \times 1 \\
 298671 &:= (1 - ((2 + (3! \times 4)) \times (5 + 6!))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - ((6! + 5) \times ((4 \times 3!) + 2))) + 1
 \end{aligned}$$

$$\begin{aligned}
 298672 &:= (1 + ((2 + 3)! \times (4! \times 5! - 6! - 7))) + (8! - 9) &= ((9 + 8!) \times 7) + (((6 + 5) \times ((4! + 3!) \times 2)) + 1) \\
 298673 &:= 1 \times ((2 + 3!! \times 4!) - (5! + (6! - (7 \times 8! - 9)))) &= 9 + (8 + ((7! - 6!/5) \times ((4^3) - 2 - 1))) \\
 298674 &:= 1 + ((2 + 3!! \times 4!) - (5! + (6! - (7 \times 8! - 9)))) &= ((9 + 8) \times ((7 + (6! + 5)) \times 4!)) + 3 \times (2 + 1)! \\
 298675 &:= (1 + 2 \times 3!) \times (((4 \times 5! \times 6) - 7) \times 8) - 9 &= ((9 \times (8 + 7)) \times 6!) - (5 \times (4! - ((3! + 2)! - 1))) \\
 298676 &:= (1 + 2^{3!}) + (((4 \times 5!) - 6) \times (7!/8)) - 9 &= ((9 + 8! + (7^6)) - (5! \times (4! \times 3))) \times 2 \times 1 \\
 298677 &:= 1 - (((2 - 3) + 4!) \times (5 - 6!)) - (7 \times 8! - 9) &= ((9 \times (8! - 7!)) + 6!) + (5! - ((4! + 3)^{2+1})) \\
 298678 &:= ((1 + 2)! + 3!!) + (4! + (5^6 + (7 \times (8! + 9)))) &= (-9 + ((8 \times (7 + 6)) \times ((5! \times 4!) - (3! + 2)))) - 1 \\
 298679 &:= (((1 + 2)^{3!+4}) + ((5 + 6^7) - 8!)) + 9 &= ((9 \times (8! - 7!))/6) + ((5! \times (4^3/2)) - 1) \\
 298680 &:= ((1 + 2!)!) + (3 \times ((4! \times (5 - 6! + 7!)) - 8!/9)) &= ((9 + 8!) \times 7) - (6 - (((5! + (4!/3))^2) - 1)) \\
 298681 &:= (1 - ((2 + 3!!) \times 4!)) + ((5! + (6^7/8)) \times 9) &= (((9 + 8!) \times 7) - 6) + ((5! + (4!/3))^2) \times 1 \\
 298682 &:= (1 + (2 \times (3!^4 \times 5!))) - ((6! + 7) \times (8 + 9)) &= (((9 + 8!) \times 7) - 6) + ((5! + (4!/3))^2) + 1 \\
 298683 &:= (1 - 2^{3!}) - (((4^5 - 6) \times 7) - 8!) \times 9 &= ((9 + 8!) \times 7) - (((6 - 5!) \times 4!) + 3!) \times (2 + 1)! \\
 298684 &:= 1 + (((2 - 3) - (4^5 - 6)) \times 7) + 8! \times 9 &= ((9 \times (87 + (6! \times 5))) + 4) \times (3^2) + 1 \\
 298685 &:= (1 - (((2 - 3!!) \times 4!) + 5)) - (6! - (7 \times (8! - 9))) &= (9 - (8 \times 7)) \times (6! + (5 \times (4! - (3!! \times 2 - 1)))) \\
 298686 &:= (1 + 2)!! - (3! \times (4! - (5 + (6! \times (78 - 9)))))) &= (((9 + 8!) \times 7) + ((6 + 5!) - 4 + 3!)^2) - 1 \\
 298687 &:= 1 \times ((2^{34-5!/6}) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + ((6 + 5!) - 4 + 3!)^2) \times 1 \\
 298688 &:= (12^3) + ((4! + 5) \times (6! + (7! + 8!/9))) &= (((9 + 8!) \times 7) + ((6 + 5!) - 4 + 3!)^2) + 1 \\
 298689 &:= (((1 + 2) + 3!!) \times 4!) - (5! + (6! - (7 \times (8! - 9)))) &= ((9 + 8! \times 7) + (6^5)) + (4! \times (3!!/2 + 1)) \\
 298690 &:= (1 - ((2 - 3!!) \times 4!)) - ((5! \times 6) - (7 \times (8! - 9))) &= ((9 + 8! \times 7) - (6! + 5!)) + ((4! \times 3!!) + (2 - 1)) \\
 298691 &:= 1 - (2 + (((3! + ((4^5 - 6) \times 7)) - 8!) \times 9)) &= ((9 + 8! \times 7) - (6! + (5! - (4! \times 3!)))) + (2 \times 1) \\
 298692 &:= 1 + ((2 + 3!! \times 4!) - (5! + (6! - (7 \times 8! + 9)))) &= (((9 + 8!) \times 7) + 6) + (((5! + (4!/3))^2) - 1) \\
 298693 &:= 1 \times (2^{3!} + (((4 \times 5!) - 6) \times (7!/8)) + 9) &= (9 + (((8 - 7) - (6! + 5!)) \times (4 - 3!!/2))) \times 1 \\
 298694 &:= (1 + 2^{3!}) + (((4 \times 5!) - 6) \times (7!/8)) + 9 &= ((9 + 8!) \times 7) + (6 + (((5! + (4!/3))^2) + 1)) \\
 298695 &:= 1 + (2 - (((3! + ((4^5 - 6) \times 7)) - 8!) \times 9)) &= (((9 + 8!) \times 7) + (6^5)) + (4! \times (3!!/2 - 1)) \\
 298696 &:= (1 - (((2 - 3!!) \times 4!) + (5! + 6!))) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - (6! + 5!)) + ((4! \times (3!! - 2)) + 1) \\
 298697 &:= (((((12 + 3)^4) - 5) \times 6) - 7!) + (8 + 9) &= 9 - ((8 \times (7 + 6)) \times (5 - (4 \times 3!! - 2 - 1))) \\
 298698 &:= (1 + 2)! - (((3! + ((4^5 - 6) \times 7)) - 8!) \times 9) &= (9 \times (8! - 7!)) - (6 \times (((5! - 4^3)^2) + 1)) \\
 298699 &:= ((1 - (2 + 3)!) \times ((4 \times (5!/6 - 7!)/8)) + 9 &= ((98 \times ((7!/6! + 5!) \times 4!)) - (3! - 2)) - 1 \\
 298700 &:= (1 - ((23 \times (4 - 5! \times 6)) - (7 \times 8!))) - 9 &= ((98 \times ((7!/6! + 5!) \times 4!)) - (3! - 2)) \times 1 \\
 298701 &:= (1 - (2 \times 3!! + 4)) \times (5! - ((6 \times 7 \times 8) - 9)) &= ((9 + 8!) \times 7) - (((6 - 5!) \times 4!) + 3) \times (2 + 1)! \\
 298702 &:= ((1 + 2)!) + ((3!!/4) + (5^6 + (7 \times (8! - 9)))) &= ((98 \times ((7!/6! + 5!) \times 4!)) - (3 - 2)) - 1 \\
 298703 &:= 1 \times (2 + (((3! + 4! \times 5!)/6) \times (7!/8 - 9))) &= (9 \times (8! - 7!)) - ((6 \times ((5! - 4^3)^2) + 1) \\
 298704 &:= 1 + (2 + (((3! + 4! \times 5!)/6) \times (7!/8 - 9))) &= (9 \times 8 \times 7) - ((6! + 5!) \times (4 - (3!!/2 - 1))) \\
 298705 &:= ((1 + ((2 + 3^4) \times (5 \times 6!))) - 7) - 89 &= (9 \times (8! - 7!)) - ((6 \times ((5! - 4^3)^2) - 1) \\
 298706 &:= (1 - 2) + ((3 + (4! \times (5 + (6! + 7)))) \times (8 + 9)) &= ((98 \times ((7!/6! + 5!) \times 4!)) + (3 - 2)) + 1 \\
 298707 &:= (1 + 2)! + (((3! + 4! \times 5!)/6) \times (7!/8 - 9)) &= (9 \times (8! - (7! + (6! + 5)))) - (4^3! \times (2 + 1)) \\
 298708 &:= 1 \times (((2 + 3^4) \times (5 \times 6! + (7 - 8))) - 9) &= (9 - (8 \times 7 + 6)) \times (5! - (4 \times (3!! \times 2 - 1))) \\
 298709 &:= 1 - (2 + (((3! - 4) \times (5 \times (6! - 7))) - 8!) \times 9) &= ((98 \times ((7!/6! + 5!) \times 4!)) + (3! - 2)) + 1
 \end{aligned}$$

$$\begin{aligned}
 298710 &:= (1+2)! \times ((3! \times ((4^5 + (6+7)) \times 8)) + 9) &= (9 \times (8! - 7!)) - (6 \times (((5! - 4^3)^2) - 1)) \\
 298711 &:= (1 + ((2 + (3^4 \times 5)) \times 6!)) + ((7!/8) \times 9) &= ((98 \times ((7!/6! + 5!) \times 4!)) + (3! + 2)) - 1 \\
 298712 &:= 1 \times (2 - (((3! - 4) \times (5 \times (6! - 7))) - 8!) \times 9) &= ((98 \times ((7!/6! + 5!) \times 4!)) + 3^2) - 1 \\
 298713 &:= 1 + (2 - (((3! - 4) \times (5 \times (6! - 7))) - 8!) \times 9) &= (9 + (8!/7)) + ((6! + (5! - 4!)) \times (3!/2 - 1)) \\
 298714 &:= (((1+2)!! - 3!) \times 4!) - 5) - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - (6! + 5)) + (4! \times (3!! - (2 + 1)!)) \\
 298715 &:= 1 - (2 + (3! \times (((4 + 5) \times (6 - 7!)) - 8!/9))) &= (9 \times ((8! + 7) - 6^5)) + (4 \times (3!! \times 2 - 1)) \\
 298716 &:= ((1+2)!)! + (3! - (((4^5 + 6) \times 7) - 8!) \times 9) &= (((9 + 8!) \times 7) - ((6 - 5!) \times (4! \times 3!))) - (2 + 1) \\
 298717 &:= 1 \times (((2 \times (3 + 4!)) + 5) \times (6 + (7! + 8 + 9))) &= (9 + 8! \times 7) + ((6 \times 5! - 4) \times ((3! - 2)! - 1)) \\
 298718 &:= 1 \times 2 - (3! \times (((4 + 5) \times (6 - 7!)) - 8!/9)) &= (((9 + 8!) \times 7) + (6^5)) + (4! \times 3!!/2 - 1) \\
 298719 &:= ((1 \times 2 + 3!!) \times 4!) - (5! + (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - (6! + 5!)) + (4! \times (3!! - (2 - 1))) \\
 298720 &:= ((1 + ((2 + 3!!) \times 4!)) - 5!) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (((6 - 5!) \times (4! \times 3!)) - 2)) - 1 \\
 298721 &:= 1 \times 2 - (((3 + ((4^5 - 6) \times 7)) - 8!) \times 9) &= (((9 + 8!) \times 7) - (((6 - 5!) \times (4! \times 3!)) - 2)) \times 1 \\
 298722 &:= 1 \times 2 \times (((3! + 4!) \times (5 \times (6! + 7))) + 8! - 9) &= (((9 + 8!) \times 7) - (((6 - 5!) \times (4! \times 3!)) - 2)) + 1 \\
 298723 &:= (((((12 + 3)^4) + 5) \times 6) - 7! - 8) - 9 &= (9 \times ((8! + 7) - 6^5)) + (4 \times (3!! \times 2 + 1)) \\
 298724 &:= (((1+2)!! - 3!) \times 4!) + (5 - 6!)) + (7 \times (8! + 9)) &= ((9 + 8) \times (((7 + (6! + 5)) \times 4!) + (3! - 2))) \times 1 \\
 298725 &:= (1+2)!! - (3 - ((4! \times 5! + (6 \times 7! - 8)) \times 9)) &= ((9 + 8) \times (((7 + (6! + 5)) \times 4!) + (3! - 2))) + 1 \\
 298726 &:= (1 - ((2 - (3!! \times 4 - 5!)) \times 6)) + (7 \times (8! - 9)) &= 9 + ((876 \times (5 - (4! - 3!!/2))) + 1) \\
 298727 &:= 1 + (((2 + 3^4) \times (5 \times 6! + (7 - 8))) + 9) &= (98 \times ((7!/6! + 5!) \times 4!)) + ((3! - 2)! - 1) \\
 298728 &:= (1 \times 2 + 3!)! - ((4 - (5 \times 6! - 7)) \times 8 \times 9) &= ((9 \times 8 \times 7) - 6!) \times (((5 + 4!) - 3!!) \times 2) - 1 \\
 298729 &:= (1 + (2 + 3!))! - ((4 - (5 \times 6! - 7)) \times 8 \times 9) &= (98 \times ((7!/6! + 5!) \times 4!)) + ((3! - 2)! + 1) \\
 298730 &:= (1 \times 2 - (3!! \times 4!)) + ((5! + (6^7/8)) \times 9) &= (9 + 8! - (7 - ((6! \times 5! - 4!) \times 3))) - ((2 + 1)!)! \\
 298731 &:= 1 - (2 - (3!! \times 4! - (5 + 6! - (7 \times (8! - 9)))))) &= ((98 \times ((7!/6! + 5!) \times 4!)) + 3!) + 21 \\
 298732 &:= (1 + (2 + 3!))! + (((4 \times 5!) - 6) \times (7!/8)) - 9) &= ((9 + 8! \times 7) - (6! + 5)) + (4! \times (3!! - 2 - 1)) \\
 298733 &:= (1 + ((23^4) + (((5 \times 6) \times 7!)/8))) - 9 &= (((-9 + 8!) \times 7) - (6! + (5 - ((4! \times 3!!) + 2)))) - 1 \\
 298734 &:= 1 \times ((2 + 3!! \times 4!) - (5 + 6! - (7 \times (8! - 9)))) &= ((9 + 8! - 7!) \times 6) + (5! \times (4 + (3!! + (2 - 1)))) \\
 298735 &:= 1 - (2 \times 3! + (((4^5 - 6) \times 7) - 8!) \times 9) &= (9 \times (8! - 7!)) - (65 \times ((4! \times 3! \times 2) + 1)) \\
 298736 &:= (1 + ((2 + 3^4) \times (5 \times 6!))) - ((7 \times 8) + 9) &= ((9 + 8! \times 7) - (6! + 5!)) + ((4! \times (3!! + 2)) - 1) \\
 298737 &:= ((1 \times 2 + 3!!) \times 4!) - (5! + (6! - (7 \times 8! + 9))) &= ((9 + 8! \times 7) - (6! + 5!)) + (4! \times (3!! + 2 \times 1)) \\
 298738 &:= ((1 + ((2 + 3!!) \times 4!)) - 5!) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! + 5!)) + ((4! \times (3!! + 2)) + 1) \\
 298739 &:= (1 - (((2 - 3!!) \times 4!) + 5)) - (6! - (7 \times 8! - 9)) &= (98 \times ((7!/6! + 5!) \times 4!)) + (3!^2 - 1) \\
 298740 &:= 1 + (2 + ((3!! \times (4! + (5 - 6))) + (7 \times (8! - 9)))) &= (((9 + 8 \times 7) + 6!) - 5) \times (4! + (3!!/2 - 1)) \\
 298741 &:= 1 + (2 \times ((3! + 4!) \times ((5 + 6 + 7!) - 8 \times 9))) &= (((9 + 8!) \times 7) - (6! + (5! - (4! \times 3!)))) - 2 \times 1 \\
 298742 &:= 1 \times 2 - (3! + (((4^5 - 6) \times 7) - 8!) \times 9) &= (((9 + 8!) \times 7) - (6! + 5!)) + ((4! \times 3!!) - (2 - 1)) \\
 298743 &:= (1 + 2) - (3! + (((4^5 - 6) \times 7) - 8!) \times 9) &= (((9 + 8!) \times 7) + (6^5)) + (4! \times (3!!/2 + 1)) \\
 298744 &:= (1 - ((2 - 3!!) \times 4!)) - ((5! \times 6) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6! + 5!)) + ((4! \times 3!!) + (2 - 1)) \\
 298745 &:= 1 + (2 + (3!! \times 4! + (5 - (6! - (7 \times (8! - 9)))))) &= (((9 + 8!) \times 7) - (6! + (5! - (4! \times 3!)))) + (2 \times 1) \\
 298746 &:= 1 + ((2 - 3) - (((4^5 - 6) \times 7) - 8!) \times 9) &= (((9 + 8!) \times 7) - (6! + (5! - (4! \times 3!)))) + (2 + 1) \\
 298747 &:= (1 + ((2 + (3!! + 4)) \times 5!)) - (6 \times (7! - 8! + 9)) &= (9 \times (8! - 7!)) - (((6 + (5 \times 4)) \times (3!! + 2)) + 1) \\
 298748 &:= 1 \times (((2 + 3!!) \times (4 - (5 \times 6))) - ((7! - 8!) \times 9)) &= 9 + (((8! + ((7 + 6!) \times (5 \times (4! + 3!)))) \times 2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 298749 &:= (1 - (((2 - 3!) \times 4!) - (5 - (6! - (7 \times 8!)))) - 9 &= 9 + 8! - ((7 - 6! + 5) \times (4 + (3!/2 + 1))) \\
 298750 &:= (1 + (((2 + 3!! \times 4) - 5!) \times 6)) + (7 \times (8! - 9)) &= 9 + (((8! + ((7 + 6!) \times (5 \times (4! + 3!)))) \times 2) + 1) \\
 298751 &:= 1 - ((2 - 3!) + (((4^5 - 6) \times 7) - 8!) \times 9) &= (9 \times (8! - 7!) - ((65 + 4! \times 3^2)) \times 1 \\
 298752 &:= (1 \times 2^{3!}) \times ((4 \times (5 + 6 \times 7)) + 8!/9) &= (9 \times (8!/7)) + ((6! \times 5! - 4^{3!}) \times (2 + 1)) \\
 298753 &:= ((1 + ((2 \times 3!!)/4)) \times (5! + 6!)) - (7 + 8!/9) &= (9 + (8! \times 7!/6!)) + (5! + (4^{3!+2-1})) \\
 298754 &:= 1 \times 2 + (3! - (((4^5 - 6) \times 7) - 8!) \times 9) &= 98 + ((7! - 6!/5) \times ((4^3) - 2 - 1)) \\
 298755 &:= (1 + 2)! + (3 - (((4^5 - 6) \times 7) - 8!) \times 9) &= ((9 + 8! \times 7) - (6! + 5)) + ((4! \times (3!! - 2)) - 1) \\
 298756 &:= (((1 + 2)!! + (3!!/4)) + (5^6 + 7 \times 8!)) - 9 &= ((9 + 8! \times 7) - (6! + 5)) + (4! \times (3!! - (2 \times 1))) \\
 298757 &:= (1 - (((2 - 3!) \times 4!) + 5)) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6! + 5)) + ((4! \times (3!! - 2)) + 1) \\
 298758 &:= 1 \times 2 \times (((3! + 4!) \times (5 \times (6! + 7))) + 8! + 9) &= ((9 + 8) \times ((7! + (6 \times (5^4))) - 3)) \times 2 \times 1 \\
 298759 &:= 1 + 2 \times 3! - (((4^5 - 6) \times 7) - 8!) \times 9 &= (9 + 8! \times 7 + 6) + (5! + (4^{3!+2-1})) \\
 298760 &:= 1 \times 2 + ((3! + (4! \times (5 + (6! + 7)))) \times (8 + 9)) &= ((9 + 8! \times 7) - (6 \times 5!)) + ((4! \times (3!! - 2)) - 1) \\
 298761 &:= ((1 + 2)! \times (3!! \times 4 - 5)) - (6! - (7 \times 8! - 9)) &= ((9 + 8! \times 7) - (6 \times 5!)) + (4! \times (3!! - (2 \times 1))) \\
 298762 &:= (1 - ((2 - 3!) \times 4!)) - ((5! \times 6) - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6 \times 5!)) + ((4! \times (3!! - 2)) + 1) \\
 298763 &:= 1 - (2 + (3!! + (4 \times ((5! \times (6 - 7!/8)) + 9)))) &= ((9 + 8! \times 7) - ((6 - 5) - 4!) \times (3!! - 2)) \times 1 \\
 298764 &:= (1 - ((2 - 3!) \times (4! + (5 - 6)))) + (7 \times 8! + 9) &= ((9 + 8! \times 7) - (((6 - 5) - 4!) \times (3!! - 2))) + 1 \\
 298765 &:= -1 \times (2 \times 3!! - (45 + (67 \times (8!/9)))) &= ((9 + 8! \times 7) - 6! + 5) + ((4! \times (3!! - 2)) - 1) \\
 298766 &:= 1 \times (2 - (3!! + (4 \times ((5! \times (6 - 7!/8)) + 9)))) &= ((9 + 8! \times 7) - 6! + 5) + (4! \times (3!! - (2 \times 1))) \\
 298767 &:= 1 + (2 - (3!! + (4 \times ((5! \times (6 - 7!/8)) + 9)))) &= ((9 + 8! \times 7) - 6! + 5) + ((4! \times (3!! - 2)) + 1) \\
 298768 &:= 1 \times ((2 \times (3! \times (4 - 5!))) + (67 \times (8!/9))) &= ((9 + 8!) \times 7) + (6! + ((5^4) + (3!! \times 21))) \\
 298769 &:= 1 \times (23 - (((4^5 - 6) \times 7) - 8!) \times 9) &= 9 + 8! + ((7 + 6) \times (((5! + (4! - 3))^2) - 1)) \\
 298770 &:= (1 \times 2 + (3! \times (4! + 5!))) \times ((6 \times 7 \times 8) + 9) &= (((9 \times (8!/(7!/6!))) + 5!)/4) \times ((3! - 2)! - 1) \\
 298771 &:= (1 - (((2 + 3)^4) \times (5 \times 6))) - ((7! - 8!) \times 9) &= ((9 + 8!) \times 7) + ((6 \times 5! - 4) \times ((3! - 2)! - 1)) \\
 298772 &:= (1 - (23 \times (4 - 5! \times 6))) + (7 \times (8! + 9)) &= ((-9 + 8!) \times 7) + ((6! + (((5 \times 4!) + 3!)^2)) - 1) \\
 298773 &:= ((1 + 2)^3) - (((4^5 - 6) \times 7) - 8!) \times 9 &= (((((9 + 8) \times (7 + 6!)) + 5!) \times 4!) - (3!! + 2)) - 1 \\
 298774 &:= (((1 + 2)!! + (3!!/4)) + (5^6 + 7 \times 8!)) + 9 &= (9 \times (8! - 7!)) - ((6 + (5 \times 4)) \times (3!! + (2 - 1))) \\
 298775 &:= 1 \times 2 + ((3 - (((4^5 - 6) \times 7) - 8!)) \times 9) &= (((((9 + 8) \times (7 + 6!)) + 5!) \times 4!) - (3!! + 2)) + 1 \\
 298776 &:= ((1 \times 2 - 3!!) \times 4!) + ((5! + (6^7/8)) \times 9) &= (((((9 + 8) \times (7 + 6!)) - 5!) \times 4!) + ((3! + (2 - 1)))! \\
 298777 &:= (1 + ((2 - 3!) \times 4!)) + ((5! + (6^7/8)) \times 9) &= (9 + 8! \times 7) + (6!/5 + (4^{3!+2-1})) \\
 298778 &:= (1 \times 2 + ((3!!/4) + 5 \times 6!)) \times (7 + 8 \times 9) &= (((((9 + 8) \times (7 + 6!)) + 5!) \times 4!) - 3!!) + (2 \times 1) \\
 298779 &:= (1 + 2 \times 3!) \times ((4! \times (5 - 6! - 7)) + 8! - 9) &= ((9 \times (8 + 7)) \times 6!) - ((5 \times (4 - (3! + 2)!)) + 1) \\
 298780 &:= (1 - ((2 - (3!! \times 4 - 5!)) \times 6)) + (7 \times 8! - 9) &= ((9 + 8! \times 7) - (6! + 5)) + (4! \times (3!! - (2 - 1))) \\
 298781 &:= (((1 - (2 - 3!!) \times 4) \times 5) + 6^7) + 8!/9 &= ((9 \times (8 + 7)) \times 6!) - ((5 \times (4 - (3! + 2)!)) - 1) \\
 298782 &:= ((1 + 2)!) + ((3! + (4! \times 5! + (6 \times 7! - 8))) \times 9) &= 9 + (8! + ((7 + 6) \times ((5! + (4! - 3))^2 \times 1))) \\
 298783 &:= ((1 \times 2 + 3!!) \times (4! + (5 - 6))) + (7 \times (8! - 9)) &= 9 + 8! + (((7 + 6) \times ((5! + (4! - 3))^2)) + 1) \\
 298784 &:= ((1 + 2) \times ((3!! - 4) \times 5!)) + (6! - (7 - 8! + 9)) &= 9 - (((87 - 6!) \times ((5! \times 4) - (3! + 2))) + 1) \\
 298785 &:= 1 - (2 - (3!! \times 4! - (5 + 6! - (7 \times 8! - 9)))) &= ((9 \times (8 + 7)) \times 6!) - (5 \times (4 - ((3! + 2)! + 1))) \\
 298786 &:= ((1 + ((2 + 3!!) \times 4!)) - 5! \times 6) + (7 \times (8! - 9)) &= (9 + 8! \times 7) + ((6! - (5 - 4)) \times ((3! - 2)! - 1)) \\
 298787 &:= (1 + (23^4)) + (5 \times (((6 \times 7!)/8) + 9)) &= (9 \times (8! - 7!)) + (((6 + 5) - 4!) \times (3!! \times 2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 298788 &:= (1 \times 2 + 3!! \times 4!) - (5 + 6! - (7 \times 8! - 9)) &= 9 + 8! - (((7 - (6! \times (5 \times 4!))) \times 3) + (2 + 1)!!) \\
 298789 &:= ((1 + 2) + 3!! \times 4!) - (5 + 6! - (7 \times 8! - 9)) &= ((9 \times (8 + 7)) \times 6!) + ((5 \times ((4!/3!) - 2)) - 1) \\
 298790 &:= (((1 \times 2 + 3!!) \times 4!) + (5 - 6!)) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - (6! + 5!)) + ((4! \times (3!! + 2)) - 1) \\
 298791 &:= (1 + (((2 + 3!!) \times 4!) + (5 - 6!))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - (6! + 5!)) + (4! \times (3!! + 2 \times 1)) \\
 298792 &:= (1 + ((2 + (3!! + 4)) \times 5!)) - ((6 \times (7! - 8!)) + 9) &= (((9 + 8!) \times 7) - (6! + 5!)) + ((4! \times (3!! + 2)) + 1) \\
 298793 &:= (1 \times 2 - 3!!) - ((4 \times (5! \times (6 - 7!/8))) + 9) &= ((9 + 8) \times ((7!/6! - (5 - 4!))³) + (2 - 1) \\
 298794 &:= 1 - (((2 + 3⁴) \times (5 \times 6!)) - 7) \times (8 - 9) &= ((9 + 8) \times ((7!/6! - (5 - 4!))³) + (2 \times 1) \\
 298795 &:= ((1 + ((2 + 3⁴) \times (5 \times 6!))) - 7) - (8 - 9) &= ((9 \times (8 + 7)) \times 6!) + (5 \times ((4!/3!) - (2 - 1))) \\
 298796 &:= (((1 + 2)! + (3⁴ \times 5)) \times (6! + 7)) + (8 - 9) &= ((9 + 8! \times 7) - (6 \times (5! - (4 \times 3!! - 2)))) - 1 \\
 298797 &:= ((1 + 2)! - 3!!) - ((4 \times (5! \times (6 - 7!/8))) + 9) &= ((9 + 8! \times 7) - (6 \times (5! - (4 \times 3!! - 2)))) \times 1 \\
 298798 &:= 1 \times (2 + (3!! \times 4! + (5 - (6! - (7 \times 8! - 9)))))) &= 9 + 8! - 7 + ((6 \times 5! - 4) \times (3!!/2 + 1)) \\
 298799 &:= 1 + (2 + (3!! \times 4! + (5 - (6! - (7 \times 8! - 9)))))) &= (9 \times ((8 + (7! \times 6)) - 5!)) + (4!³ \times 2 - 1) \\
 298800 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times 6!) + 7! + 8) - 9 &= ((9 \times (8! - 7!))/6) + (5! \times (4^{3!}/2 + 1)) \\
 298801 &:= (1 + (2 + 3!)) - ((4! - ((5 \times 6! - 7) \times 8)) \times 9) &= (9 \times ((8 + (7! \times 6)) - 5!)) + (4!³ \times 2 + 1) \\
 298802 &:= (1 \times 2 + 3!!) - ((4! \times 5! - (6! - (7! - 8!))) \times 9) &= ((9 + 8! \times 7) - (6! + (5 - (4! \times 3!)))) - 2 \times 1 \\
 298803 &:= 1 \times (((2 + 3!! \times 4) - 5!) \times 6) + 7 \times 8! - 9 &= 9 + 8! - 7 - ((6! \times ((5 - 4) - 3!!/2)) - 1) \\
 298804 &:= (1 + (((2 + 3!! \times 4) - 5!) \times 6) + 7 \times 8!) - 9 &= (9 + 8! - (((7 + 6!) - 5) \times ((4 - 3!!)/2))) - 1 \\
 298805 &:= (1 + 2 \times 3!) \times ((4 \times ((5 + 6! - 7) \times 8)) + 9) &= (9 + 8! - (((7 + 6!) - 5) \times ((4 - 3!!)/2))) \times 1 \\
 298806 &:= (1 \times 2 + 3!! \times 4!) - (5 + 6! - (7 \times 8! + 9)) &= (9 + 8! - (((7 + 6!) - 5) \times ((4 - 3!!)/2))) + 1 \\
 298807 &:= 1 - (((2 - (3!! \times 4)) \times 5) - (6⁷ + 8!/9)) &= ((9 + 8! \times 7) - (6 \times 5!)) + ((4! \times 3!!) - (2 \times 1)) \\
 298808 &:= (1 + ((2 + 3⁴) \times (5 \times 6!))) - (7 \times (8 - 9)) &= (9 + (8! + 7!)) + (((6! \times 5! + (4!/3!)) \times 2) - 1) \\
 298809 &:= (1 + (((2 + 3⁴) \times (5 \times 6!)) + 7)) - (8 - 9) &= (9 \times ((8! + 7!)/6!)) \times (((5! + 4! \times 3!) \times 2) - 1) \\
 298810 &:= (1 + ((2 + (3!! + 4)) \times 5!)) - ((6 \times (7! - 8!)) - 9) &= (9 + (8! + 7!)) + (((6! \times 5! + (4!/3!)) \times 2) + 1) \\
 298811 &:= (1 + 2^{3!}) - (((4⁵ - 6) \times 7) - 8!) \times 9 &= (((9 + 8!) \times 7) - (6! + 5!)) + ((4! \times (3!! - 2)) + 1) \\
 298812 &:= ((1 + 2) - 3!!) - ((4 \times (5! \times (6 - 7!/8))) - 9) &= (9 + (8! + 7)) + ((6 \times 5! - 4) \times (3!!/2 + 1)) \\
 298813 &:= 1 - (2 - (3!! \times 4! + (5 - (6! - (7 \times 8! + 9)))))) &= ((9 + 8! \times 7) - 6! + 5) + ((4! \times 3!!) - (2 - 1)) \\
 298814 &:= (((1 + 2) + 3!!) \times 4!) + (5 - 6!)) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - (6 \times 5!)) + ((4! \times (3!! - 2)) - 1) \\
 298815 &:= ((1 + 2)! - 3!!) - ((4 \times (5! \times (6 - 7!/8))) - 9) &= (((9 + 8!) \times 7) - (6 \times 5!)) + (4! \times (3!! - (2 \times 1))) \\
 298816 &:= 1 - (((2 - 3!!) \times 4!) + ((5! \times 6) - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - (6 \times 5!)) + ((4! \times (3!! - 2)) + 1) \\
 298817 &:= ((1 + 2) + (3!! \times 4! + (5 - 6!))) + (7 \times 8! + 9) &= ((9 + 8!) \times 7) - (((6 - 5) - 4!) \times (3!! - (2 \times 1))) \\
 298818 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times 6!) + 7! + 8) + 9 &= ((9 + 8!) \times 7) - (((6 - 5) - 4!) \times (3!! - 2)) - 1) \\
 298819 &:= (1 + 2) + ((3!! \times (4 \times 5)) + (6⁷ + 8!/9)) &= (((9 + 8!) \times 7) - 6! + 5) + ((4! \times (3!! - 2)) - 1) \\
 298820 &:= ((1 + 2)! + (3!! \times 4! + 5)) - (6! - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6! + 5) + (4! \times (3!! - (2 \times 1))) \\
 298821 &:= 1 \times (((2 + 3! \times 4!) \times (5! - 6)) + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6! + 5) + ((4! \times (3!! - 2)) + 1) \\
 298822 &:= (1 + (((2 + 3!! \times 4) - 5!) \times 6) + 7 \times 8!) + 9 &= (9 + 8! \times 7) - ((6 \times (5! - ((4 \times 3!!) + 2))) - 1) \\
 298823 &:= 1 - (2 - (3! \times (4 + (5! + (6! \times (78 - 9)))))) &= (((9 + 8) \times ((7!/6!)⁵) + (4!³)) - ((2 + 1)!!) \\
 298824 &:= (12 \times (3! - 4⁵)) - ((6! - 7!) \times 8 \times 9) &= ((98 \times ((7!/6! + 5!) \times 4!)) + ((3 + 2)!!) \times 1 \\
 298825 &:= (1 + (((2 + 3⁴) \times (5 \times 6!)) + (7 + 8))) + 9 &= ((9 \times (8 + 7)) \times 6!) + (5 \times (4 + ((3! + 2)! + 1))) \\
 298826 &:= (((1 \times 2 + 3!! \times 4) \times 5) + 6⁷) + 8!/9 &= (((9 \times 8) + 7) + 6!) \times (((5! + 4) \times 3) + 2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 298827 &:= ((1 + ((2 + 3!! \times 4) \times 5)) + 6^7) + 8!/9 &= ((9 + 8! \times 7) - 6!) + ((5! \times 4! + 3) \times (2 + 1)!) \\
 298828 &:= ((1 + 2)!)! + ((3!!/4) + (5^6 + (7 \times (8! + 9)))) &= ((9 + 8! \times 7) - (6! + 5)) + (4! \times (3!! + (2 - 1))) \\
 298829 &:= 1 \times ((23 \times (4 + (5! \times 6))) + (7 \times (8! - 9))) &= ((-98 - 7) \times (((6 - (5! \times 4)) \times 3!) - 2)) - 1 \\
 298830 &:= (((1 + 2) \times ((3!! + 4) \times 5!) - (6! - 7))) + 8! + 9 &= (((9 \times (8!/7)) + 6) \times 5) + ((4!/3!) - ((2 + 1)!)!) \\
 298831 &:= (((1 + 2) + 3!! \times 4) \times 5) + 6^7 + 8!/9 &= ((9 + 8!) \times 7) + (6!/5 + (4^{3!+2-1})) \\
 298832 &:= (((-1 \times 2) \times (3!! + 4)) + 5!) + (67 \times (8!/9)) &= (9 + (8! \times 7 + ((6! - (5 + 4!)) \times (3! - 2)!))) - 1 \\
 298833 &:= (((1 + 2)!) + 3!!) \times 4! - (5! + (6! - (7 \times 8! + 9))) &= (9 + (8! \times 7 + ((6! - (5 + 4!)) \times (3! - 2)!))) \times 1 \\
 298834 &:= 1 \times (((2 + 3!!) \times 4!) - (5 + 6! - (7 \times 8! - 9))) &= (9 + (8! \times 7 + ((6! - (5 + 4!)) \times (3! - 2)!))) + 1 \\
 298835 &:= ((1 + ((2 + 3!!) \times 4!)) - 5) - (6! - (7 \times 8! - 9)) &= (9 \times ((8 + 7!) \times 6)) + (((54 \times 3)^2) - 1) \\
 298836 &:= 12 \times (3 - (4 \times (5! - ((6! - (7 + 8)) \times 9)))) &= (9 \times (((8! \times 7) - 6)/(5 + 4 \times 3))) \times 2 \times 1 \\
 298837 &:= 1 \times (((2 + 3!!) \times (4! + (5 - 6))) + 7 \times 8! - 9) &= 9 + (((8! - ((7 + 6!) \times 5)) + (4^{3^2})) - 1) \\
 298838 &:= 1 \times 2 - (3!! + (4 \times ((5! \times (6 - 7!/8)) - 9))) &= ((9 \times (8! + ((7 - (6! - 5!)) \times (4 \times 3)))) + 2) \times 1 \\
 298839 &:= 1 + (2 + (((3 \times 4) \times (5! - (6! - 7))) + 8!) \times 9) &= 9 + 8! - (((7 + 6!) \times 5) - ((4^{3^2}) + 1)) \\
 298840 &:= ((1 + ((2 + 3!!) \times 4!)) - 5! \times 6) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) + ((6! - (5 - 4)) \times ((3! - 2)! - 1)) \\
 298841 &:= ((1 + (2 + 3!!)) + (4! \times (5^6 - 7!))) + 8!/9 &= 9 - (8 \times (((7 + 6) \times (5 - (4 \times 3!!))) + 21)) \\
 298842 &:= ((1 + 2)! - 3!!) - (4 \times ((5! \times (6 - 7!/8)) - 9)) &= 9 + 8! + (((7 + (6! \times 5! + 4)) \times 3) - ((2 + 1)!)!) \\
 298843 &:= ((1 + 2) \times (3! + 4)^5) - ((6 + 7) \times 89) &= (9 + 8) \times (((7!/6! - (5 - 4!))^{3^2}) + (2 + 1)) \\
 298844 &:= 1 \times (((2 + ((3! + 4)^5))/6) + (7 \times (8! - 9))) &= (9 + 8! \times 7) + ((6! + (((5 \times 4!) + 3!)^2)) - 1) \\
 298845 &:= (1 + (((2 + 3!!) \times 4!) + (5 - (6! - (7 \times 8!)))) - 9 &= (9 + (8! \times 7 + 6!)) + (((5 \times 4!) + 3!)^2 \times 1) \\
 298846 &:= (((1 + 2)!) + 3!! \times 4) \times 5) + 6^7 + 8!/9 &= (9 + 8! \times 7) + (6! + (((5 \times 4!) + 3!)^2) + 1) \\
 298847 &:= 1 \times (((2 + 3^4) \times (5 \times 6!)) + ((7 \times 8) - 9)) &= (((9 + 8!) \times 7) - 6! + 5) + ((4! \times 3!!) - 21) \\
 298848 &:= 1 \times (2 \times ((3! \times 4! + 5!) \times ((6 + 7!) - 8!/9)) &= (((9 + 8) \times (7! + (6 \times (5^4)))) - 3!) \times 2 \times 1 \\
 298849 &:= 1 + (2 \times ((3! \times 4! + 5!) \times ((6 + 7!) - 8!/9)) &= 9 - (8 \times (7 + ((6 - (5! \times 4!)) \times (3! \times 2 + 1)))) \\
 298850 &:= ((1 + 2)!)! + ((3! + 4) \times (5 + (6 \times (7! - 8 \times 9)))) &= (((9 + 8!) \times 7) - (6 \times (5! - (4 \times 3!! - 2)))) - 1 \\
 298851 &:= ((1 + 2)!!/3) + (((4 \times 5!) - 6) \times (7!/8)) - 9 &= (((9 + 8!) \times 7) - (6 \times (5! - (4 \times 3!! - 2)))) \times 1 \\
 298852 &:= (1 - ((2 - (3!! \times 4 - 5!)) \times 6)) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - (6 \times (5! - (4 \times 3!! - 2)))) + 1 \\
 298853 &:= ((1 + ((2 + 3!!) \times 4!)) - 5) - (6! - (7 \times 8! + 9)) &= (9 + 8! \times 7) - (6! + 5) + ((4! \times (3!! + 2)) + 1) \\
 298854 &:= (1 + 2) \times (3! \times (((4! + 5) \times (6! + 7)) - 8!/9)) &= (9 + 8! \times 7) - (((6 - 5) - 4!) \times (3!! + 2)) + 1 \\
 298855 &:= (1 + ((2 + (3!! + 4) \times 5!)) - (6 \times (7! - 8! - 9))) &= (((9 + 8!) \times 7) - (6! + (5 - ((4! \times 3!!) - 2)))) - 1 \\
 298856 &:= 1 - ((2 + 3!!) - ((4! \times (5 + 6!)) + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - (6! + (5 - ((4! \times 3!!) - 2)))) \times 1 \\
 298857 &:= 1 - (2 - (3!! \times 4! - (5 + 6! - (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - (6! + (5 - ((4! \times 3!!) - 2)))) + 1 \\
 298858 &:= ((1 + ((2 + 3!!) \times 4!)) - 5! \times 6) + (7 \times 8! + 9) &= ((9 + 8! \times 7) - (6 \times 5!)) + ((4! \times (3!! + 2)) + 1) \\
 298859 &:= 1 \times (2 - (3!! - ((4! \times (5 + 6!)) + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - (6! + 5)) + ((4! \times 3!!) + (2 - 1)) \\
 298860 &:= 1 + (2 - (3!! - ((4! \times (5 + 6!)) + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - (6! + (5 - (4! \times 3!)))) + (2 \times 1) \\
 298861 &:= (((1 + ((2 + 3!!) \times 4) \times 5) + 6^7) + 8!/9 &= ((9 + 8! \times 7) - 6! + 5) + ((4! \times (3!! + 2)) - 1) \\
 298862 &:= (((1 \times 2 + 3!!) \times 4!) + (5 - (6! - (7 \times 8!)))) + 9 &= (((9 + 8!) \times 7) - (6! \times 5)) + (((4!/3)!/2) - 1) \\
 298863 &:= (1 + (((2 + 3!!) \times 4!) + (5 - (6! - (7 \times 8!)))) + 9 &= ((9 + 8! \times 7) - 6! + 5) + ((4! \times (3!! + 2)) + 1) \\
 298864 &:= (1 - (((2 - 3!!) \times 4!) - (5! - 6!))) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) - (6! \times 5)) + (((4!/3)!/2) + 1) \\
 298865 &:= (1 \times 2 - 3!!) + ((4! \times 5! \times 6) + (7 \times (8! + 9))) &= 9 + 8! - 7 - (6! \times 5 - ((4^{3^2}) - 1))
 \end{aligned}$$

$$\begin{aligned}
 298866 &:= (1 + ((2 + 3^4) \times (5 \times 6!))) + ((7 \times 8) + 9) &= (((9 + 8!) \times 7) - 6! + 5) + ((4! \times 3!) - (2 \times 1)) \\
 298867 &:= 1 - (2 - (3!! \times 4! + (5 - (6! - (7 \times (8! + 9)))))) &= 9 + 8! - 7 - (6! \times 5 - ((4^{3^2}) + 1)) \\
 298868 &:= (((1 + 2) + 3!!) \times 4!) + (5 - 6!) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) - (6! - (5 + 4! \times 3!))) \times (2 - 1) \\
 298869 &:= ((1 + 2)!!/3) + (((4 \times 5!) - 6) \times (7!/8) + 9) &= (((9 + 8!) \times 7) - (6! - (5 + 4! \times 3!))) + (2 - 1) \\
 298870 &:= (1 + 2^{3!}) \times (4 + 5! - (6 - (7! \times 8/9))) &= (((9 + 8!) \times 7) - (6! - (5 + 4! \times 3!))) + (2 \times 1) \\
 298871 &:= (1 + ((2 + 3^4) \times (5 \times 6!))) + (7!/(8 \times 9)) &= (9 \times (8 + 7!)) + (((6! \times 5! + (4!/3!)) \times 2) - 1) \\
 298872 &:= (((1 + 2)! - 3!!) \times 4!) + ((5! + (6^7/8)) \times 9) &= 9 + 8 \times 7! - (6! \times 5 - ((4^{3^2}) - 1)) \\
 298873 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times 6!) + 7!) + 8 \times 9 &= (((9 + 8 \times 7!) - (6! \times 5)) + (4^{3^2})) \times 1 \\
 298874 &:= (1 \times 2 + 3!!) + ((4! \times 5! + (6 \times 7! + 8)) \times 9) &= (((9 + 8 \times 7!) - (6! \times 5)) + (4^{3^2})) + 1 \\
 298875 &:= 1 \times (((2 + 3!! \times 4) - 5!) \times 6) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) - (6 \times (5! - ((4 \times 3!) + 2 \times 1))) \\
 298876 &:= (1 + (((2 + 3! \times 4!) \times (5! - 6)) + 7 \times 8!)) - 9 &= ((9 + 8!) \times 7) - ((6 \times (5! - ((4 \times 3!) + 2))) - 1) \\
 298877 &:= (((12 + 3!!) \times 4!) + (5!/6 - 7)) \times (8 + 9) &= ((9 + 8) \times ((7 + ((6 + (5 \times 4)^3)) - 2)) \times 1 \\
 298878 &:= ((1 + 2)! + 3!!) + ((4! \times 5! + (6 \times 7! + 8)) \times 9) &= ((9 + 8) \times ((7 + ((6 + (5 \times 4)^3)) - 2)) + 1 \\
 298879 &:= 1 \times (((2 + 3^4) \times (5 \times 6!)) + (7 + 8 \times 9)) &= (9 + (8! + 7)) - (6! \times 5 - ((4^{3^2}) - 1)) \\
 298880 &:= 1 \times ((2^{3!+4}) + (5^6 + 7 \times 8! - 9)) &= ((9 + (8! + (7 - (6! \times 5)))) + (4^{3^2})) \times 1 \\
 298881 &:= (1 + ((2^{3!+4}) + 5^6)) + (7 \times 8! - 9) &= (9 + (8! + 7)) - (6! \times 5 - ((4^{3^2}) + 1)) \\
 298882 &:= (1 - (((2^{3!}) - (4 \times 5!)) \times 6!)) - (7!/8 + 9) &= 9 + 8! - (((7 \times (6 - 5!)) \times ((4! - 3!)^2)) - 1) \\
 298883 &:= 1 \times ((23 \times (4 + (5! \times 6))) + 7 \times 8! - 9) &= (-9 + 8! \times 7) + (((6 \times 5!) + 4) \times ((3! - 2)! - 1)) \\
 298884 &:= (12 + 3!!) + ((4! \times 5! + (6 \times 7! + 8)) \times 9) &= (((9 + 8!) \times 7) - (6 \times 5!)) + ((4! \times 3!) + 21) \\
 298885 &:= ((1 - (2^{3!} \times 4)) \times 5) + (67 \times (8!/9)) &= (9 + ((8!/7!) + 6)) \times (((5 \times 4!) - 3!)^2) - 1) \\
 298886 &:= (((1 + 2) + 3!!) \times 4!) + (5 - 6!) + (7 \times 8! + 9) &= ((9 + 8!) \times 7) + ((6! + (5 - 4)) \times ((3! - 2)! - 1)) \\
 298887 &:= (((1 \times 2 - (3!!/4)) \times 5!) + 6^7) + (8! - 9) &= (((9 + 8!) \times 7) - (6 \times 5!)) + (4! \times (3!! + (2 - 1))) \\
 298888 &:= ((1 + ((2 - (3!!/4)) \times 5!)) + 6^7) + (8! - 9) &= 9 - ((8 \times (7! - ((6! + (5 \times 4^{3!})) \times 2))) + 1) \\
 298889 &:= 1 \times 2 - (((3! - 4! \times 5!) \times ((6 + 7) \times 8)) + 9) &= 9 - (8 \times (7! - ((6! + (5 \times 4^{3!})) \times 2 \times 1))) \\
 298890 &:= ((1 - 2 - 3^4) \times 5) \times ((6! \times (7 - 8)) - 9) &= 9 - ((8 \times (7! - ((6! + (5 \times 4^{3!})) \times 2))) - 1) \\
 298891 &:= (1 + (2 \times (3!^4 \times 5!))) - ((6! + 7!/8) \times 9) &= 9 + (8! \times 7 + (((6! + 54)/3!)^2 + 1)) \\
 298892 &:= (12 \times (3^4 + 5 \times 6! \times 7)) - 8!/9 &= ((9 + 8!) \times 7) - ((6 - 5!) \times ((4! \times 3!) + 2)) - 1 \\
 298893 &:= 1 \times (((2 + 3! \times 4!) \times (5! - 6)) + (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - ((6 - 5!) \times ((4! \times 3!) + 2)) \times 1 \\
 298894 &:= (1 + (((2 + 3! \times 4!) \times (5! - 6)) + 7 \times 8!)) + 9 &= ((9 + 8!) \times 7) - ((6 - 5!) \times ((4! \times 3!) + 2)) + 1 \\
 298895 &:= (-1 + (((2 + 3^4) \times (5 \times 6!)) + 7)) + 89 &= (9 \times (8! - (7! + (6!/5)))) - ((4! \times (3!! + 2)) + 1) \\
 298896 &:= ((1 + 2 \times 3!) \times (4! \times 5! - 6)) \times (7 - 8 + 9) &= (9 \times (8! - (7! + (6!/5)))) - (4! \times (3!! + 2 \times 1)) \\
 298897 &:= 1 - (2 \times ((3! - 4! \times 5!) \times ((6 \times 78)/9))) &= 9 - (8 \times (7! - (((6! + (5 \times 4^{3!})) \times 2) + 1))) \\
 298898 &:= 1 \times ((2^{3!+4}) + (5^6 + (7 \times 8! + 9))) &= ((9 + 8!) \times 7) + ((6! + (((5 \times 4!) + 3!)^2)) - 1) \\
 298899 &:= (1 + ((2^{3!+4}) + 5^6)) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + 6!) + (((5 \times 4!) + 3!)^2 \times 1) \\
 298900 &:= 1 - (((2^{3!}) - (4 \times 5!)) \times 6!) + (7!/8 - 9) &= ((9 \times (((8! \times 7)/6) - 5) - 4!^3) + 2) - 1 \\
 298901 &:= 1 + ((2 - 3 \times 4!) \times (5 \times 6 \times 7 - 8!/9)) &= ((9 \times (((8! \times 7)/6) - 5) - 4!^3) + 2) \times 1 \\
 298902 &:= (1 + (23 \times (4 + (5! \times 6)))) + (7 \times 8! + 9) &= ((9 \times (((8! \times 7)/6) - 5) - 4!^3) + 2) + 1
 \end{aligned}$$

$$\begin{aligned}
 298903 &:= 1 \times (((2 - ((3! - 4! \times 5!) \times (6 + 7))) \times 8) - 9) &= (9 + ((8 \times (7 + 6)) \times ((5! \times 4!) - 3!))) - 2 \times 1 \\
 298904 &:= 1 + (((2 - ((3! - 4! \times 5!) \times (6 + 7))) \times 8) - 9) &= 9 + (((8 \times (7 + 6)) \times ((5! \times 4!) - 3!)) - (2 - 1)) \\
 298905 &:= 1 \times (((2 - (3!/4)) \times 5!) + 6^7) + 8! + 9 &= (((9 + 8!) \times 7) - (6! + 5)) + ((4! \times (3!! + 2)) - 1) \\
 298906 &:= (1 + (((2 + 3!!) \times 4!) + (5! - 6!))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) - (6! + 5)) + (4! \times (3!! + 2 \times 1)) \\
 298907 &:= ((1 + ((2 + 3!!) \times 4!)) - 5) - (6! - (7 \times (8! + 9))) &= 9 + 8! + (((7 - 6!) \times 5) + (4^{3^2}) - 1) \\
 298908 &:= ((1 + 2)!! + (3!! + 4)) \times (((5!/6 + 7) \times 8) - 9) &= ((9 \times 8 \times ((7 + 6!) - 5))/4) \times ((3! - 2)! - 1) \\
 298909 &:= (1 + 2 \times 3!) \times (((4 \times 5! \times 6) - 7) \times 8) + 9 &= 9 + 8! + (((7 - 6!) \times 5) + ((4^{3^2}) + 1)) \\
 298910 &:= 1 - ((2 + 3!!) - ((4! \times (5 + 6!)) + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6 \times 5!)) + ((4! \times (3!! + 2)) - 1) \\
 298911 &:= (((1 + 2)!! + (3 + 4)) \times 5!) - ((6 \times (7! - 8!)) + 9) &= (((9 + 8!) \times 7) - (6! - 5!)) + (4! \times (3!! - 2 - 1)) \\
 298912 &:= ((1 + ((2 + 3!!) \times 4!)) - 5! \times 6) + (7 \times (8! + 9)) &= (((9 + 8!) \times 7) - (6 \times 5!)) + ((4! \times (3!! + 2)) + 1) \\
 298913 &:= 1 \times (2 - (3!! - ((4! \times (5 + 6!)) + 7 \times 8! - 9))) &= 9 + (8 \times ((7 + 6) \times ((5! \times 4!) - 3!)) + (2 - 1)) \\
 298914 &:= 1 - (2 - ((3^4 \times (5 \times (6! + 7))) + 8!/9)) &= (9 \times ((8! - (7! + 6!)) - ((5^4) + 3!))) - 21 \\
 298915 &:= 1 - ((2 - 3!^4) \times (((5 \times 6!)/(7 + 8)) - 9)) &= (((9 + 8!) \times 7) - 6! + 5) + ((4! \times (3!! + 2)) - 1) \\
 298916 &:= (((1 \times 2 + ((3! + 4)^5))/6) + 7 \times 8!) + 9 &= (((9 + 8!) \times 7) - 6! + 5) + (4! \times (3!! + 2 \times 1)) \\
 298917 &:= 1 \times (2 + ((3^4 \times (5 \times (6! + 7))) + 8!/9)) &= 9 - (((8!/7!) - (6! + (5! - 4))) \times (3!!/2 + 1)) \\
 298918 &:= 1 - ((2 - (((3 - (4^5 - 6)) \times 7) + 8!)) \times 9) &= (9 \times (8! + (7 - ((6! \times 5 - 43) \times 2)))) + 1 \\
 298919 &:= ((1 - (2 \times (3 + 4!))) \times (5! - (6! + 7!))) + (8 - 9) &= (9 \times (8! - 7!) - ((6! - 5) \times 4!)) - (3!! \times 2 + 1) \\
 298920 &:= ((1 - (2 \times 3^4)) \times 5!) + (6! - ((7! - 8!) \times 9)) &= (9 \times 8 \times (7! - 6!)) - (5! \times (((4 + 3!)^2) + 1)) \\
 298921 &:= (1 - (2 \times 3!! - (4! \times (5 - 6!)))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - ((6! - 5) \times 4!)) - (3!! \times 2 - 1) \\
 298922 &:= 1 + (((2 - ((3! - 4! \times 5!) \times (6 + 7))) \times 8) + 9) &= 9 - ((8 \times ((76 + (5! \times 4!)) - (3! + 2)!)) - 1) \\
 298923 &:= (12 - (3!! - ((4! \times (5 + 6!)) + 7 \times 8!))) - 9 &= (9 + (8! \times 7 + ((6! + 5) \times (4! - (3 - 2)))) - 1) \\
 298924 &:= 1 \times (((2 - 3) + 4!) \times (5 + 6!)) + (7 \times 8! + 9) &= (9 + (8! \times 7 + ((6! + 5) \times (4! - (3 - 2)))) \times 1) \\
 298925 &:= (1 + (((2 - 3) + 4!) \times (5 + 6!)) + 7 \times 8!) + 9 &= (9 + (8! \times 7 + ((6! + 5) \times (4! - (3 - 2)))) + 1) \\
 298926 &:= ((1 + 2)!) + ((3! + (4! \times 5! + (6 \times 7! + 8))) \times 9) &= (9 + (8! \times 7 + ((6! + 5) \times 4!) - (3!! + 2))) - 1) \\
 298927 &:= 12 + ((3^4 \times (5 \times (6! + 7))) + 8!/9) &= (9 + (8! \times 7 + ((6! + 5) \times 4!) - (3!! + 2))) \times 1) \\
 298928 &:= 1 \times (((2 + 3!)! + (4^5 + 6!)) \times 7) + 8!/9 &= (9 + (8! \times 7 + ((6! + 5) \times 4!) - (3!! + 2))) + 1) \\
 298929 &:= (1 + (((2 + 3!)! + (4! \times (5! + 6!))) \times 7)) - 8!/9 &= (9 + (8!/7)) - ((6! + 5!) \times (((4! - 3!)/2) - 1)) \\
 298930 &:= 1 \times (((2 + (3! \times 4)) \times (5 - 6!)) - ((7! - 8!) \times 9)) &= 9 - (8 + (((7!/6 - 5) \times ((4 - 3!)/2)) + 1)) \\
 298931 &:= (1 + ((2 + (3! \times 4)) \times (5 - 6!))) - ((7! - 8!) \times 9) &= (9 + ((8!/7!) + 6)) \times (((5 \times 4!) - 3!)^2) + 1) \\
 298932 &:= 1 + (2 - (3!! - ((4! \times (5 + 6!)) + (7 \times 8! + 9)))) &= ((9 \times ((8! - (7! + 6!)) - ((5^4) + 3!))) - 2) - 1) \\
 298933 &:= 1 - (2 \times (((34 - 5^6) \times 7) - 8! - 9)) &= ((9 \times ((8! - (7! + 6!)) - ((5^4) + 3!))) - 2) \times 1) \\
 298934 &:= 1 - (2 - (((3 - (4^5 - 6)) \times 7) + 8! \times 9)) &= ((9 \times ((8! - (7! + 6!)) - ((5^4) + 3!))) - 2) + 1) \\
 298935 &:= ((1 + ((2 + 3!)! + (4! \times (5! + 6!)))) \times 7) - 8!/9 &= (((9 \times 8) + 7) \times ((6 \times (5^4) + 3!)) - 2)) - 1) \\
 298936 &:= 1 \times ((2 - 3^4) \times (5 - (((6 \times 7!)/8) + 9))) &= ((9 \times ((8! - (7! + 6!)) - ((5^4) + 3!))) + 2) - 1) \\
 298937 &:= 1 + ((2 - 3^4) \times (5 - (((6 \times 7!)/8) + 9))) &= 9 + (8 + ((7! + (6! - 5!)) \times ((4! + 3) \times 2 - 1))) \\
 298938 &:= 1 + (2 + (((3 - (4^5 - 6)) \times 7) + 8! \times 9)) &= ((9 \times ((8! - (7! + 6!)) - ((5^4) + 3!))) + 2) + 1) \\
 298939 &:= -12 + ((3! + ((4 \times (5! + 6!)) - 7)) \times 89) &= (9 \times 8 \times (7! - 6!)) - (((5! - (4 + 3!))^2) + 1) \\
 298940 &:= (((1 + 2)! + 3!!) \times 4!) + (5 - (6! - (7 \times 8!))) - 9 &= ((9 \times 8 \times (7! - 6!)) - ((5! - (4 + 3!))^2)) \times 1) \\
 298941 &:= (((1 + 2)^{3!}) + 4!) \times (((5 \times (6! - 7)) + 8)/9) &= ((9 \times 8 \times (7! - 6!)) - ((5! - (4 + 3!))^2)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 298942 &:= 1 - ((2 + 3!) - (((4 \times (5! + 6!)) + 7) \times 89)) &= (9 \times (8! - (7! + (6! \times 5)))) + ((4!^3) - (2 \times 1)) \\
 298943 &:= (((1 + 2 \times 3!) \times (4! \times 5! - 6)) + 7) \times 8 - 9 &= (9 \times 8 \times (7! - (6! - 5!))) - (((4! \times 3!)^2) + 1) \\
 298944 &:= (1 \times 2 + 3!)! - ((4! - (5 \times (6! + 7! - 8))) \times 9) &= (9 \times 8 \times (7! - (6! - 5!))) - ((4! \times 3!)^2 \times 1) \\
 298945 &:= (1 + (2 + 3!)!) - ((4! - (5 \times (6! + 7! - 8))) \times 9) &= (9 \times 8 \times (7! - (6! - 5!))) - (((4! \times 3!)^2) - 1) \\
 298946 &:= 1 \times 2 - ((3! + ((4! \times 56) + 7! - 8!)) \times 9) &= ((9 + 8!) \times 7) - (((6 - 5!) \times ((4! \times 3!) + 2)) + 1) \\
 298947 &:= 1 \times (((2 + 3! \times 4!) \times (5! - 6)) + (7 \times (8! + 9))) &= (9 + 8! \times 7) + (6 \times (((5! - 4) \times (3! - 2)!) - 1)) \\
 298948 &:= (1 + ((2 + 3! \times 4!) \times (5! - 6))) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) - (((6 - 5!) \times ((4! \times 3!) + 2)) - 1) \\
 298949 &:= ((1 + 2)! - 3!) + (((4 \times (5! + 6!)) + 7) \times 89) &= 9 + (8 + ((7! - (6 - 5!)) \times ((4!^3) - (2 + 1)!))) \\
 298950 &:= 1 \times (2 \times ((3 \times (((4 + 5!) \times (6! + 7)) - 8!)) - 9)) &= ((9 - (8! + 7)) + (6^5 \times (4! - 3!))) \times (2 + 1) \\
 298951 &:= 1 + (2 \times ((3 \times (((4 + 5!) \times (6! + 7)) - 8!)) - 9)) &= ((-9 - ((8! - ((7 + 6!) \times (5! + 4))) \times 3)) \times 2) + 1 \\
 298952 &:= 1 \times ((2^{3!+4}) + (5^6 + (7 \times (8! + 9)))) &= 9 - ((8 \times (7! + ((6 - 5!) \times ((4! + 3!)/2)))) + 1) \\
 298953 &:= (((1 + ((2 \times 3! \times 4!) + 5!)) \times 6!) - 7) + 8!/9 &= ((9 + 8! \times 7) - (6! - 5!)) + (4! \times (3! + (2 - 1))) \\
 298954 &:= (((1 + 2)! \times (3!/4)) + (5^6 + 7 \times 8!)) + 9 &= 9 - ((8 \times (7! + ((6 - 5!) \times ((4! + 3!)/2)))) - 1) \\
 298955 &:= 1 \times ((23 \times (4 + (5! \times 6))) + (7 \times (8! + 9))) &= ((9 + 8!) \times 7) + (((6 \times 5!) + 4) \times ((3! - 2)! - 1)) \\
 298956 &:= (((1 + 2)!! - 3!) \times (4 - (5 \times 6))) - ((7! - 8!) \times 9) &= ((9 + 8! - 7) - (6^5 - (4! \times 3!))) \times (2 + 1)! \\
 298957 &:= (1 + 2)! + ((3! + ((4 \times (5! + 6!)) - 7)) \times 89) &= 9 + (((8!/7) - (6 + 5)) \times (4 \times (3! \times 2 + 1))) \\
 298958 &:= 1 - (2 - ((3! \times (((4 + 5!) \times (6! + 7)) - 8!)) - 9)) &= ((9 + 8! \times 7) - 6! + 5) + (4! \times (3! + (2 + 1)!)) \\
 298959 &:= ((1 \times 2 + 3!) \times 4!) + (5! - (6! - (7 \times 8! - 9))) &= (((9 + 8!) \times 7) - (6! - 5!)) + (4! \times (3! - (2 - 1))) \\
 298960 &:= (1 + (((2 + 3!) \times 4!) + (5! - 6!))) + (7 \times 8! - 9) &= ((9 + 8! \times 7) - 65) + (4! \times (3! - 21)) \\
 298961 &:= (((1 + 2 \times 3!) \times (4! \times 5! - 6)) + 7) \times 8 + 9 &= (9 - ((8 - (7! + (6! - 5))) \times 4)) \times (3! \times 2 + 1) \\
 298962 &:= 1 - ((2 \times (((3! + 4!) - 5^6) \times 7) - 8!)) + 9 &= (9 \times (8! - (7! + 6 + 5!))) - (4! \times (3! + (2 + 1)!)) \\
 298963 &:= ((1 + 2) - (3! + (4 \times 5!))) + (67 \times (8!/9)) &= ((9 + 8!) \times 7) + (((6!/5 - 4) \times ((3 + 2)! - 1)) \\
 298964 &:= (((1 + 2) \times 3! - 4) \times 5!) - (67 - 8! + 9) &= ((98 \times (7 \times 6)) + (543^2)) - 1 \\
 298965 &:= (1 + 2)! + ((3! \times (((4 + 5!) \times (6! + 7)) - 8!)) - 9) &= 9 + ((87 \times ((6! + 5) \times 4)) + (3!^{(2+1)!})) \\
 298966 &:= 1 + (((2 + 3) - 4!) \times (5^6 - (7 \times 8!/9))) &= ((98 \times (7 \times 6)) + (543^2)) + 1 \\
 298967 &:= (((1 + ((2 \times 3! \times 4!) + 5!)) \times 6!) + 7) + 8!/9 &= (9 - (8 \times 7)) \times (6! + ((5 \times (4! - 3! \times 2)) - 1)) \\
 298968 &:= 1 \times (((2 + 3!)! - (4 \times (5! - 6!))) \times 7) - 8 \times 9 &= (9 + 8! \times 7) + ((6! + (((5 \times 4)^3) \times 2)) - 1) \\
 298969 &:= 1 + (((2 + 3!)! - (4 \times (5! - 6!))) \times 7) - 8 \times 9 &= ((9 + (8! \times 7 + 6!)) + (((5 \times 4)^3) \times 2)) \times 1 \\
 298970 &:= 1 \times (((2 + ((3! + 4)^5))/6) + (7 \times (8! + 9))) &= (9 + 8! \times 7) + (6! + (((5 \times 4)^3) \times 2) + 1) \\
 298971 &:= 1 + (((2 + ((3! + 4)^5))/6) + (7 \times (8! + 9))) &= (9 \times (8! - (7! - (6 + 5!)))) - ((4! + 3)^{2+1}) \\
 298972 &:= 12 - (3! + ((4 \times 5!) - (67 \times (8!/9)))) &= (-9 + ((8 + 7! - 65) \times ((4! + 3!) \times 2))) + 1 \\
 298973 &:= (1 - (2 \times (3 + 4!))) \times (5! - (6! + (7! - 8 + 9))) &= (9 - (8 \times 7 + 6)) \times (5! - ((4 \times 3! \times 2) + 1)) \\
 298974 &:= (((1 + 2)!! + (3 + 4)) \times 5!) - (6 \times (7! - 8! - 9)) &= (9 - ((8! - ((7 + 6!) \times (5! + 4))) \times 3!)) - (2 + 1) \\
 298975 &:= 1 \times (((2 + 3!)! - (4! \times 5! + 67)) \times 8) - 9 &= 9 - (((8! - ((7 + 6!) \times (5! + 4))) \times 3!) + 2 \times 1) \\
 298976 &:= ((1 + 2)! \times 3!^4) + ((5 \times (6 + 7)) \times (8!/9)) &= ((9 + 8! \times 7) - (6! - 5!)) + ((4! \times (3! + 2)) - 1) \\
 298977 &:= ((1 \times 2 + 3!) \times 4!) + (5! - (6! - (7 \times 8! + 9))) &= ((9 + 8! \times 7) - (6! - 5!)) + (4! \times (3! + 2 \times 1)) \\
 298978 &:= (1 + (((2 + 3!) \times 4!) + (5! - 6!))) + (7 \times 8! + 9) &= (9 - (((8! - ((7 + 6!) \times (5! + 4))) \times 3!) - 2)) - 1 \\
 298979 &:= 1 \times 2 + ((3! \times (((4 + 5!) \times (6! + 7)) - 8!)) + 9) &= (9 - (((8! - ((7 + 6!) \times (5! + 4))) \times 3!) - 2)) \times 1 \\
 298980 &:= 1 - ((2 \times (((3! + 4!) - 5^6) \times 7) - 8!)) - 9 &= (9 - (((8! - ((7 + 6!) \times (5! + 4))) \times 3!) - 2)) + 1
 \end{aligned}$$

$$\begin{aligned}
 298981 &:= (1 + (2 + 3!)) - ((4 - ((5 \times 6! - 7) \times 8)) \times 9) &= (((9 + 8!) \times 7) - (6! - (5! + 4! \times 3!))) - 2 \times 1 \\
 298982 &:= 1 - ((2 + 3!) - ((4! \times (5 + 6!)) + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) - (6! - (5! + 4! \times 3!))) - (2 - 1) \\
 298983 &:= (((1 + 2) \times 3! - 4) \times 5!) - ((6 - 7!) \times 8 + 9) &= (((9 + 8!) \times 7) - (6! - (5! + 4! \times 3!))) \times (2 - 1) \\
 298984 &:= ((1 + 2)!! + ((3 + 4)^5)) - (6! - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) + (((6! + 5) \times 4!) - (3! - 2))) - 1 \\
 298985 &:= 1 \times (2 - (3! - ((4! \times (5 + 6!)) + (7 \times (8! + 9)))) &= ((9 - ((8! - ((7 + 6!) \times (5! + 4))) \times 3)) \times 2) - 1 \\
 298986 &:= 1 + (2 - (3! - ((4! \times (5 + 6!)) + (7 \times (8! + 9)))) &= ((9 - ((8! - ((7 + 6!) \times (5! + 4))) \times 3)) \times 2) \times 1 \\
 298987 &:= (1 + 2 \times 3!) \times ((4 \times ((5! \times 6) + 7! - 8)) - 9) &= ((9 - ((8! - ((7 + 6!) \times (5! + 4))) \times 3)) \times 2) + 1 \\
 298988 &:= (-1 \times 2) \times (((3! + 4!) - 5^6) \times 7) - 8! - 9 &= ((9 \times (((8! \times 7)/6) + 5) - 4!^3) - 2) + 1 \\
 298989 &:= ((1 + 2)!) + (((3 \times ((4 \times (5! - 6!)) + 7)) + 8!) \times 9) &= (((9 + 8!) \times 7) - (6! - (5! + 4! \times 3!))) + (2 + 1)! \\
 298990 &:= 1 - (2 - (((3! \times 4 - 5) \times ((6 + 7) \times 8)) - 9)) &= (((9 - 8) + 7!) - (6 - 5!)) \times ((4^3) - (2 + 1)!) \\
 298991 &:= 1 - ((234 \times 5) - (67 \times (8!/9))) &= (9 \times (8! - (7! + (6!/5)))) - ((4! \times (3! - 2)) + 1) \\
 298992 &:= ((1 - (2 \times (3 + 4))) \times (5! - (6! + 7!))) + 8 \times 9 &= 9 \times 8 + ((7! + (6! - 5!)) \times ((4! + 3) \times 2 - 1)) \\
 298993 &:= ((1 + (2 + 3!)) - 4!) + ((5 \times 6! - 7) \times 8 \times 9) &= (9 \times (8! - (7! + (6!/5)))) - ((4! \times (3! - 2)) - 1) \\
 298994 &:= ((1 + 2) + ((3! \times 4 - 5) \times ((6 + 7) \times 8))) - 9 &= (9 - (8 \times 7)) - (((6! + 5!) \times (4 - 3!/2)) - 1) \\
 298995 &:= 1 - (2 \times (((3 + 4!) - 5^6) \times 7) - 8! + 9) &= 9 - ((8! - (((7 + 6!) \times (5! + 4)) + 3)) \times (2 + 1)!) \\
 298996 &:= (((1 + 2)^3) \times (4 \times 5) + 6^7) + 8!/9 &= (9 + 8) \times ((76 \times 5) - (4! \times (3 - ((2 + 1)!))) \\
 298997 &:= 1 - (2 + ((((((3 + 4)!/5) + 6) \times 7) - 8!) \times 9)) &= ((9 + (8! + 76))/5) \times (4 + (32 + 1)) \\
 298998 &:= 1 \times 2 \times ((3! \times 4! - (5 + 6! - (7 \times 8))) \times 9) &= 9 - 8 - ((7 \times (6 + (5! \times (4 - 3!/2)))) + 1) \\
 298999 &:= 1 \times (((2^{3 \times 4}) \times ((5 \times (6 + 7)) + 8)) - 9) &= 9 - (8 + (((7 - (6! - 5!)) \times 4!) - 3!) \times 21)) \\
 299000 &:= ((1 + 2)!! + ((3 \times (4 \times 5)) \times (6 + 7!))) - 8!/9 &= 9 - ((8 + (7 \times (6 + (5! \times (4 - 3!/2)))) - 1)
 \end{aligned}$$

2.1.20 Numbers From 299001 to 300000

$$\begin{aligned}
 299001 &:= (((1 + 2) \times 3! - 4) \times 5!) - (((6 - 7!) \times 8) - 9) &= ((9 + 8!) \times 7) + (6 \times (((5! - 4) \times (3! - 2)! - 1)) \\
 299002 &:= (((1 + 2)^3) \times 4!) - 5) - (6! - (7 \times 8! - 9)) &= ((9 \times 8) - ((7!/6 - 5) \times ((4 - 3!)/2))) \times 1 \\
 299003 &:= 12 + (((3! \times 4 - 5) \times ((6 + 7) \times 8)) - 9) &= ((9 \times 8) - ((7!/6 - 5) \times ((4 - 3!)/2))) + 1 \\
 299004 &:= 1 - ((2 \times (((3 + 4!) - 5^6) \times 7) - 8!)) + 9 &= (9 - (8! - (((7 + 6!) \times (5! + 4)) - 3))) \times (2 + 1)! \\
 299005 &:= (((1 + 2)^{3+4}) \times 5) - 6! + (7! \times 8/9) &= (9 \times (8^{(7-6) \times 5})) + (4^3 - 2 - 1) \\
 299006 &:= 1 - (2 - ((3 \times (4! \times (5 \times 6! - 7))) + 8! - 9)) &= (((9 + 8!) \times 7) - 6!) + (((5! + 4 \times 3)^2) - 1) \\
 299007 &:= (((1 + 2)^3) \times 4!) - 5! \times 6 + (7 \times 8! - 9) &= ((9 - (8 - 7))^6) + (((5! + 4! \times 3)^2) - 1) \\
 299008 &:= (1 - ((2 + 3!) \times 4)) - (5^6 + ((7! - 8!) \times 9)) &= (((9 + 8!) \times 7) - 6!) + (((5! + 4 \times 3)^2) + 1) \\
 299009 &:= (1 \times 2 + ((3 \times (4! \times (5 \times 6! - 7))) + 8!)) - 9 &= ((9 - (8 - 7))^6) + (((5! + 4! \times 3)^2) + 1) \\
 299010 &:= ((1 + (2 \times 3!^4)) \times 5!) - ((6! + 7!/8) \times 9) &= (9 \times (8^{(7-6) \times 5})) + (4^3 + 2 \times 1) \\
 299011 &:= (1 \times 2 + ((3! \times 4 - 5) \times ((6 + 7) \times 8))) + 9 &= (9 - (((8 \times (7 + 6)) \times (5 - (4 \times 3!))) - 2)) \times 1 \\
 299012 &:= 1 \times ((2 + 3!)! - (4 - ((5 \times 6! - 7) \times 8 \times 9))) &= (9 - (((8 \times (7 + 6)) \times (5 - (4 \times 3!))) - 2)) + 1 \\
 299013 &:= 1 - (2 \times ((3!/4) - (5^6 \times 7 + 8! - 9))) &= (9 - ((8!/7!) \times (6 - (5! \times 4)))) \times (3! \times 2 + 1) \\
 299014 &:= 1 - ((2 + 3!) \times 4) + (5^6 + ((7! - 8!) \times 9)) &= 9 + 8 - ((7 \times (6 + (5! \times (4 - 3!/2)))) + 1) \\
 299015 &:= 1 - ((2 + 3!) - (4! \times ((5! \times ((6 + 7) \times 8)) + 9))) &= ((9 \times 8) + 7) \times ((6 \times ((5^4) + 3!)) - (2 - 1)) \\
 299016 &:= (((1 + 2)^{3+4}) \times 5) + (((6 \times 7!)/8) - 9) &= (9 + ((8!/7!)^6) + (((5! + 4! \times 3)^2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 299017 &:= 1 \times 2 - ((3!! \times 4) + (5^6 + ((7! - 8!) \times 9))) &= (9 + ((8!/7!)^6)) + ((5! + 4! \times 3)^2 \times 1) \\
 299018 &:= 1 \times 2 + (((3!! - (4! + 5)) \times 6) + 7) \times 8 \times 9 &= (9 + ((8!/7!)^6)) + (((5! + 4! \times 3)^2) + 1) \\
 299019 &:= (1 + 2) \times (((3! + 4)^5) - ((6 \times 7 \times 8) - 9)) &= ((9 - (8! - ((7 + 6!) \times (5! + 4)))) \times 3!) - (2 + 1) \\
 299020 &:= 1 \times ((2 + 3!)! + (4 + ((5 \times 6! - 7) \times 8 \times 9))) &= (9 \times (8! - 7!)) - ((6! + (5 \times 4)) \times ((3! - 2)! + 1)) \\
 299021 &:= 1 - (2 - (3! \times (((4 + 5!) \times (6! + 7)) - 8! + 9))) &= (9 \times (8! - 7!) - 6! + 5) - (4! \times (3!! + 21)) \\
 299022 &:= 1 - ((2 \times (((3 + 4!) - 5^6) \times 7) - 8!)) - 9 &= ((9 + 8!) \times 7) + ((6! + (((5 \times 4)^3) \times 2)) - 1) \\
 299023 &:= ((1 \times 2 - 3!!) \times 4) - (5^6 + ((7! - 8!) \times 9)) &= (9 \times (8! - 7!)) - (((6 + (5! + (4 + 3!)))^2) + 1) \\
 299024 &:= (1 + ((2 - 3!!) \times 4)) - (5^6 + ((7! - 8!) \times 9)) &= (9 \times (8! - 7!) - ((6 + (5! + (4 + 3!)))^2)) \times 1 \\
 299025 &:= 1 - (2 \times ((3! + ((4! - 5^6) \times 7)) - 8! + 9)) &= (9 \times (8! - 7!) - ((6 + (5! + (4 + 3!)))^2)) + 1 \\
 299026 &:= 1 - ((2 - (3 \times (4! - (5 - 6!)))) \times ((7 + 8) \times 9)) &= (9 + 8! - (((7 - (6! \times 5)) \times (4! \times 3)) - 2)) - 1 \\
 299027 &:= 1 - ((2 - (3!! + 4!)) \times (((5 \times (6! + 7)) - 8)/9)) &= (9 + 8! - (((7 - (6! \times 5)) \times (4! \times 3)) - 2)) \times 1 \\
 299028 &:= 1 + (2 + ((3 \times (4! \times (5 \times 6! - 7))) + 8! + 9)) &= (9 + 8! - (((7 - (6! \times 5)) \times (4! \times 3)) - 2)) + 1 \\
 299029 &:= (1 - 2 \times 3!) + (4! \times (5!/6 \times (7 \times 89))) &= (98 - ((7!/6 - 5) \times ((4 - 3!!)/2))) + 1 \\
 299030 &:= (((1 + 2)^{3!}) \times 4!) + (5 - (6! - (7 \times 8!))) + 9 &= (((9 + 8!) \times 7) - (6! - 5!)) + ((4! \times (3!! + 2)) - 1) \\
 299031 &:= ((1 \times 2 + 3! \times 4!) \times 5!) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6! - 5!)) + (4! \times (3!! + 2 \times 1)) \\
 299032 &:= (1 + ((2 + 3! \times 4!) \times 5!)) - (6! - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - (6! - 5!)) + ((4! \times (3!! + 2)) + 1) \\
 299033 &:= ((1 - ((2 + 3!)! - (4 \times (5! - 6!)))) \times 7) \times (8 - 9) &= (9 \times (((8!/7) - 6) \times 5) - 4!) + ((3! + 2)! - 1) \\
 299034 &:= (((1 + 2)^{3!+4}) \times 5) + (((6 \times 7!)/8) + 9) &= (9 \times (((8!/7) - 6) \times 5) - 4!) + (3! + 2 \times 1)! \\
 299035 &:= 1 + ((2 + ((3 + 4)^5)) - (6 - (7 \times 8! - 9))) &= 9 + ((8 - (7 \times (6 - 5!))) \times (((4! + 3!)/2) - 1)) \\
 299036 &:= (((1 + 2) \times 3!! - 4) \times 5!) - 6 - (7 - 8! - 9) &= 9 + 8! - 7 - (6 + (5! \times (4 - (3 \times (2 + 1)!)))) \\
 299037 &:= 1 - (2 \times (((3! \times 4) - 5^6) \times 7) - 8! + 9)) &= ((9 + ((8 \times (7 + 6)) \times 5!)) \times 4!) - (3!! - 21) \\
 299038 &:= (((1 + (2 + 3!)!) - (4 \times (5! + 6!))) \times 7) + (8! - 9) &= 9 - (((8 - (76 + 5)) \times 4^{3!}) - 21) \\
 299039 &:= ((1 - (2 + 3!)) \times 4!) - (5^6 + ((7! - 8!) \times 9)) &= (9 \times (8! - 7!)) - (((6! + 5!) \times ((4 \times 3!) - 2)) + 1) \\
 299040 &:= (1 \times 2 - (3!!/4)) \times (((5 \times 6! \times 7) - 8!)/9) &= (9 \times (8! - 7!) - 6!) - ((5! \times 4) \times (3!^2 + 1)) \\
 299041 &:= (1 + ((2 + 3!)! + 4!)) + ((5 \times 6! - 7) \times 8 \times 9) &= (9 \times (8! - 7!)) - (((6! + 5!) \times ((4 \times 3!) - 2)) - 1) \\
 299042 &:= 1 \times 2 \times (3 - (((4! - 5^6) \times 7) - 8! + 9)) &= ((9 - 8) - 7!) + (((6! + 5!) \times ((4 + 3!)/2)) + 1) \\
 299043 &:= (((1 + 2) \times 3!! - 4) \times 5!) - (6 - (7! \times 8 + 9)) &= (9 + 8! \times 7) - (6 - ((5! \times 4) \times (3!^2 - 1))) \\
 299044 &:= (((1 + 2) \times 3!! - 4) \times 5!) + 6 + (7 + 8! - 9) &= (9 \times (8! - ((7 + 6) - (5 \times (4! - 3!! \times 2)))) + 1) \\
 299045 &:= 1 - (2 - (3! + (4! \times (5!/6 \times (7 \times 89)))) &= (9 \times (8! - 7!)) - ((6! - (5 - 4!)) \times ((3! - 2)! + 1)) \\
 299046 &:= 1 - ((2 \times (((3! \times 4) - 5^6) \times 7) - 8!)) + 9 &= (9 - 8) \times (7 - (((6! + 5!) \times (4 - 3!!/2)) + 1)) \\
 299047 &:= (1 - ((2 \times 3!!)/4)) \times ((5! + 6! - 7) \times (8 - 9)) &= 9 - 8 + (7 - (((6! + 5!) \times (4 - 3!!/2)) + 1)) \\
 299048 &:= 1 \times 2 \times (3! - (((4! - 5^6) \times 7) - 8! + 9)) &= ((9 + 8! \times 7) - 6!) + ((5! \times ((4! \times 3!) + 2)) - 1) \\
 299049 &:= ((1 \times 2 + 3! \times 4!) \times 5!) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) + (5! \times ((4! \times 3!) + 2 \times 1)) \\
 299050 &:= (1 + ((2 + 3! \times 4!) \times 5!)) - (6! - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6!) + ((5! \times ((4! \times 3!) + 2)) + 1) \\
 299051 &:= 1 \times ((2 \times (3 - (((4! - 5^6) \times 7) - 8!))) - 9) &= 9 + ((8 - 7) - (((6! + 5!) \times (4 - 3!!/2)) - 1)) \\
 299052 &:= (1 + (2 \times (3 - (((4! - 5^6) \times 7) - 8!)))) - 9 &= ((9 + 8! - 7) \times 6) + (5! \times (4 \times (((3 + 2)! - 1))) \\
 299053 &:= (1 + (2 + 3!)!) + ((4 + ((5 \times 6! - 7) \times 8)) \times 9) &= (98/7) - (((6! + 5!) \times (4 - 3!!/2)) + 1) \\
 299054 &:= 1 \times 2 - ((3! - ((4 \times 5!) - 6)) \times (7!/8 + 9)) &= (9 \times (8! - (7! - ((6 - 5!) \times (4! - 3!)))) + (2 \times 1) \\
 299055 &:= (1 + 2) - ((3! - ((4 \times 5!) - 6)) \times (7!/8 + 9)) &= (9 + 8! \times 7 + 6) + ((5! \times 4) \times (3!^2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 299056 &:= (((1 + (2 + 3!)) - (4 \times (5! + 6!))) \times 7) + (8! + 9) &= 9 + 8! - (7 \times (((6! + 5!) \times 4) - ((3! + 2)! + 1))) \\
 299057 &:= (1 \times 2 \times (3! - (((4! - 5^6) \times 7) - 8!))) - 9 &= (9 \times (8! - (7! + 6 + 5!))) - ((4! \times (3! + 2)) + 1) \\
 299058 &:= (1 + 2)! - ((3! - ((4 \times 5!) - 6)) \times (7!/8 + 9)) &= 9 + (8 + ((7 \times (((6! - 5!) \times 4) + (3! + 2)!)) + 1)) \\
 299059 &:= 1 - (((2 + 3!) \times 4!) + ((5! + ((6 + 7!) - 8!)) \times 9)) &= (9 \times (8! - (7! + 6 + 5!))) - ((4! \times (3! + 2)) - 1) \\
 299060 &:= ((-1 - 2) + (3! \times 4! + (56 \times (7! - 8)))) - 9 &= (987 \times (((6 \times (5 - 4!)) + 3!)/2)) - 1 \\
 299061 &:= 1 - (2 - (((3 + 4)^5) + (6 + (7 \times 8! + 9)))) &= (9 \times ((8! - 7!/6)/5!)) \times (((4 + 3!)^2) + 1) \\
 299062 &:= (((1 + 2) \times 3! - 4) \times 5!) + 6) + (7 + 8! + 9) &= (9 + (8! + 7)) + (6 - (5! \times (4 - (3 \times (2 + 1)!)))) \\
 299063 &:= ((12 - 3!) \times 4) - (5^6 + ((7! - 8!) \times 9)) &= 9 \times 8 - (7 \times (6 + ((5! \times (4 - 3!)/2) + 1))) \\
 299064 &:= 1 - ((2 \times (((3! \times 4) - 5^6) \times 7) - 8!)) - 9 &= 9 + 8 - (7 \times (6! - ((5! \times ((4 + 3!)/2) + 1))) \\
 299065 &:= 1 - ((2 + 3!) \times ((4 \times (5 + (6! + 7))) - 8! + 9)) &= 9 + 8 + (7 - (((6! + 5!) \times (4 - 3!)/2) - 1)) \\
 299066 &:= (1 - (2 \times (((3! + 4!) \times (56 - 7!)) - 8))) + 9 &= (987 + (6! \times (54 + 3!)/2)) - 1 \\
 299067 &:= 1 - (2 \times ((3 + ((4! - 5^6) \times 7)) - 8! - 9)) &= (((9 + 8! - ((7! \times 6) + 5!)) \times (4! + 3!)) - 2) - 1 \\
 299068 &:= ((1 + 2)! + (((3 + 4)^5) + 6)) + (7 \times 8! + 9) &= (((9 + 8! - ((7! \times 6) + 5!)) \times (4! + 3!)) - 2) \times 1 \\
 299069 &:= 1 \times ((2 \times (3 - (((4! - 5^6) \times 7) - 8!))) + 9) &= (((9 + 8! - ((7! \times 6) + 5!)) \times (4! + 3!)) - 2) + 1 \\
 299070 &:= (1 + (2 \times (3 - (((4! - 5^6) \times 7) - 8!)))) + 9 &= ((9 + 8!) \times 7) + ((6! + (5 + 4)) \times ((3! - 2)! - 1)) \\
 299071 &:= (1 + (23 \times ((4 + 5) + 6!))) + (7 \times (8! + 9)) &= (((9 + 8! - ((7! \times 6) + 5!)) \times (4! + 3!)) + 2) - 1 \\
 299072 &:= 1 \times (2 - ((3! + 4!) \times (5! + (6 \times 7! - 8! - 9)))) &= (((9 + 8! - ((7! \times 6) + 5!)) \times (4! + 3!)) + 2) \times 1 \\
 299073 &:= 1 + (2 - ((3! + 4!) \times (5! + (6 \times 7! - 8! - 9)))) &= (((9 + 8! - ((7! \times 6) + 5!)) \times (4! + 3!)) + 2) + 1 \\
 299074 &:= 1 - (((2^{3!}) - 4! \times 5!) \times 6) - (7 \times (8! - 9)) &= (9 + (8! \times 7 + ((6! + (5 - 4!)) \times (3! - 2)!))) + 1 \\
 299075 &:= 1 \times ((2 \times (3! - (((4! - 5^6) \times 7) - 8!))) + 9) &= (9 - 8) \times (7 \times (6 - ((5! \times (4 - 3!)/2) + 1))) \\
 299076 &:= 1 + ((2 \times (3! - (((4! - 5^6) \times 7) - 8!))) + 9) &= 9 - (8 - (7 \times (6 - ((5! \times (4 - 3!)/2) + 1)))) \\
 299077 &:= 1 - (((2 + (3 \times 4^5)) \times 6) + ((7! - 8!) \times 9)) &= 9 \times 8 - (7 \times ((6 + (5! \times (4 - 3!)/2)) - 1)) \\
 299078 &:= 1 - (2 + ((3 - (4 \times 5!)) \times ((6 + 7!/8) - 9))) &= 9 - (8 + 7! - ((6 + 5) \times (4!^3 \times 2 - 1))) \\
 299079 &:= ((1 - ((2^{3!}) - 4! \times 5!)) \times 6) + (7 \times (8! - 9)) &= ((9 + (8!/7)) - (6 + 5!)) \times ((4! + 3) \times 2 - 1) \\
 299080 &:= ((12 \times 3! \times 4!) + (5! \times (6! + 7))) + 8!/9 &= (((9 + 8!) \times 7) + 6) - (5 - (4! \times (3! - 21))) \\
 299081 &:= 1 \times 2 - ((3 - (4 \times 5!)) \times ((6 + 7!/8) - 9)) &= (9 - 8) \times ((7 \times (6 - (5! \times (4 - 3!)/2)))) - 1 \\
 299082 &:= (1 + 2) - ((3 - (4 \times 5!)) \times ((6 + 7!/8) - 9)) &= 9 - (8 - ((7 \times (6 - (5! \times (4 - 3!)/2)))) - 1) \\
 299083 &:= 1 \times (2 + (3! \times 4! + ((56 \times (7! - 8)) + 9))) &= 9 - (8 - (7 \times (6 - (5! \times (4 - (3!/2 \times 1)))))) \\
 299084 &:= 1 \times (2 \times (3! - (((4! - 5^6) \times 7) - 8! - 9))) &= 9 - (8 - ((7 \times (6 - (5! \times (4 - 3!)/2)))) + 1) \\
 299085 &:= 1 - (2 \times (3! \times 4! - (5^6 \times 7 + 8! - 9))) &= (((9 + 8 \times 7) + 6!) \times (5! + 4 + 3)) \times (2 + 1) \\
 299086 &:= 1 \times (2 \times (((3! + 4 \times 5) \times (6! + 7! - 8)) - 9)) &= -9 - (((8! \times 7)/6!) \times (5 - (4! \times 32))) + 1 \\
 299087 &:= 1 \times ((2 \times (((3 - 4!) + 5^6) \times 7) + 8!)) - 9 &= (9 + 8) \times (((7!/6!)^5) + (4! + 3!)) + ((2 + 1)!)! \\
 299088 &:= (1 + (2 \times (((3 - 4!) + 5^6) \times 7) + 8!)) - 9 &= (((9 \times 8) + 7) + (6! + 5)) \times ((4! + 3!)/2 \times 1) \\
 299089 &:= 1 + 2 \times 3! + ((4! \times 5! + (6 \times (7! - 8))) \times 9) &= ((9 - 8) \times 7) \times (6 - ((5! \times (4 - 3!)/2) - 1)) \\
 299090 &:= (1 \times 2 - (3 \times 4^5 \times 6)) - ((7! - 8!) \times 9) &= 9 - 8 - (7! - (((6 + 5) \times (4!^3 \times 2)) + 1)) \\
 299091 &:= ((1 + 2) - (3 \times 4^5 \times 6)) - ((7! - 8!) \times 9) &= (((((9 \times 8) + 7) \times 6) \times ((5^4) + 3!)) - 2) - 1 \\
 299092 &:= (((12 + 3!) \times 4!) - (5 + 6! - (7 \times 8!))) + 9 &= 9 + (8 + (7 \times (6 - ((5! \times (4 - 3!)/2) + 1)))) \\
 299093 &:= (12 + (3! \times 4! + (56 \times (7! - 8)))) + 9 &= (((((9 \times 8) + 7) \times 6) \times ((5^4) + 3!)) - 2) + 1 \\
 299094 &:= 1 - ((2 \times (3! \times 4! - (5^6 \times 7 + 8!))) + 9) &= (((9 \times 8) + 7) \times ((6 + 5^4) \times 3)) \times 2 \times 1
 \end{aligned}$$

$$\begin{aligned}
 299095 &:= 1 - ((2 - 3^4) \times (((5! + 6 \times 7!) / 8) - 9)) &= (((9 \times 8) + 7) \times 6) \times ((5^4) + 3!) + (2 - 1) \\
 299096 &:= ((1 + 2!)!) + ((3^4 - 5) \times (6 - ((7! - 8!) / 9))) &= (((9 \times 8) + 7) \times 6) \times ((5^4) + 3!) + (2 \times 1) \\
 299097 &:= 1 - (2 - (3!^4 + (5^6 + (7 \times (8! - 9)))))) &= ((9 + 8!) \times 7) - (6 - ((5! \times 4) \times (3!^2 - 1))) \\
 299098 &:= (((1 + 2) \times 3!! - 4) \times 5!) + 67) + (8! - 9) &= 9 + 8 + ((7 \times (6 - (5! \times (4 - 3!! / 2)))) - 1) \\
 299099 &:= -1 - (2 \times ((3! + 4!) \times (56 - (7! - 8 + 9)))) &= 9 + 8 + (7 \times (6 - (5! \times (4 - (3!! / 2 \times 1)))))) \\
 299100 &:= 1 \times (2 + (3!^4 + (5^6 + (7 \times (8! - 9)))))) &= 9 + 8 + ((7 \times (6 - (5! \times (4 - 3!! / 2)))) + 1) \\
 299101 &:= (1 + ((2 - (3 \times 4^5) \times 6)) - ((7! - 8!) \times 9) &= ((-9 + (8! + 7!)) \times 6) - (5 - ((4! + 3!)^{2+1})) \\
 299102 &:= (((12 + 3!!) \times 4!) + (5 - (6! - (7 \times 8!)))) + 9 &= (((9 + 8!) \times 7) - 6!) + ((5! \times ((4! \times 3!) + 2)) - 1) \\
 299103 &:= ((1 \times 2 + 3! \times 4!) \times 5!) - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) + (5! \times ((4! \times 3!) + 2 \times 1)) \\
 299104 &:= (1 + ((2 + 3! \times 4!) \times 5!)) - (6! - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6!) + ((5! \times ((4! \times 3!) + 2)) + 1) \\
 299105 &:= 1 \times ((2 \times (((3 - 4!) + 5^6) \times 7) + 8!)) + 9 &= 9 \times 8 + (7 \times (((6! - 5!) \times 4) + ((3! + 2)! - 1))) \\
 299106 &:= (1 + (2 \times (((3 - 4!) + 5^6) \times 7) + 8!)) + 9 &= 9 \times 8 - ((7 + ((6! + 5!) \times (4 - 3!! / 2))) - 1) \\
 299107 &:= ((1 + 2 \times 3!!) \times (4! - 5)) + (6 \times ((7! - 8) \times 9)) &= (9 \times (8! - (7! + 6 + 5!))) - ((4! \times 3!!) - (2 - 1)) \\
 299108 &:= 1 \times (2 - (3!! \times 4! + ((5! + ((6 + 7!) - 8!) \times 9))) &= (9 \times (8! - (7! + 6 + 5!))) - ((4! \times 3!!) - (2 \times 1)) \\
 299109 &:= 1 + (2 - (3!! \times 4! + ((5! + ((6 + 7!) - 8!) \times 9))) &= (((9 + 8!) \times 7) + 6) + ((5! \times 4) \times (3!^2 - 1)) \\
 299110 &:= (1 + (2 \times (3!^4 + (5! + 6!)))) \times (7! / (8 \times 9)) &= (9 + 8! + (7^{(6-5) \times 4})) \times (3! + (2 - 1)) \\
 299111 &:= 1 \times (((2 + 3!!) \times 4!) + ((56 \times (7! - 8)) - 9)) &= (9 \times (8! - ((7 \times 6!) + 5!))) - ((4! \times (3!! + 2)) + 1) \\
 299112 &:= 1 - ((2 \times (3! \times 4! - (5^6 \times 7 + 8!))) - 9) &= (9 \times (8! - ((7 \times 6!) + 5!))) - (4! \times (3!! + 2 \times 1)) \\
 299113 &:= (1 - ((2 + 3!!) \times 4!)) - ((5! + (6! \times 7 - 8!)) \times 9) &= (9 \times (8! - ((7 \times 6!) + 5!))) - ((4! \times (3!! + 2)) - 1) \\
 299114 &:= 1 + (((23 + 4! + 5) \times (6! + 7! - 8)) + 9) &= 9 + (((8 \times (7 + 6)) \times ((5! \times 4!) - (3! - 2))) + 1) \\
 299115 &:= (1 + (2 \times 3!! + 4)) \times (((5! / 6 + 7) \times 8) - 9) &= (9 \times ((8 - (7 + 6)) + 5!)) \times ((4! \times 3! \times 2) + 1) \\
 299116 &:= (12 + ((3 + 4)^5)) - (6 - (7 \times (8! + 9))) &= 9 + ((8 - 7!) + ((6 + 5) \times (4!^3 \times 2 + 1))) \\
 299117 &:= -12 - ((3! - ((4 \times (5! + 6!)) + 7)) \times 89) &= (-9 + 87) - (((6! + 5!) \times (4 - 3!! / 2)) + 1) \\
 299118 &:= 1 \times (2 + (((3 + 4)^5) + (6 + (7 \times (8! + 9)))))) &= 9 \times 8 + (7 - (((6! + 5!) \times (4 - 3!! / 2)) + 1)) \\
 299119 &:= 1 - (2 - (((3! + 4) \times (5! + 6 \times 7!)) - 8! / 9)) &= 9 \times 8 - (7 \times (6! - ((5! \times ((4 + 3!!) / 2)) + 1))) \\
 299120 &:= 1 \times 2 \times (((3! - 4!) + 5^6) \times 7) + 8! - 9 &= 9 \times 8 + (7 - (((6! + 5!) \times (4 - 3!! / 2)) - 1)) \\
 299121 &:= 1 - (((2 - (3 \times 4)) \times (5! + 6 \times 7!)) + 8! / 9) &= (9 + 8! \times 7) - (((6 - 5!) \times 4) \times (3!^2 + 1)) \\
 299122 &:= (1 \times 2 + ((3! + 4) \times (5! + 6 \times 7!))) - 8! / 9 &= ((9 - ((8 - (7! + 6!)) \times ((5 \times 4) + 3!))) \times 2) \times 1 \\
 299123 &:= 1 - (2 - (((3! - (4^5 - 6)) \times 7) + 8!) \times 9)) &= (9 \times (8! - 7!)) - (((6 + 5!) \times ((4! \times 3!) + 2)) + 1) \\
 299124 &:= (1 \times 2 + 3!)! - ((4 - (5 \times (6! + 7! - 8))) \times 9) &= (9 \times (8! - 7!)) - ((6 + 5!) \times ((4! \times 3!) + 2 \times 1)) \\
 299125 &:= (1 + (2 + 3!)!) - ((4 - (5 \times (6! + 7! - 8))) \times 9) &= (9 \times (8! - 7!)) - (((6 + 5!) \times ((4! \times 3!) + 2)) - 1) \\
 299126 &:= 1 \times (2 + (((3! - (4^5 - 6)) \times 7) + 8!) \times 9)) &= ((9 + 8!) \times 7) + (((6! + (5 - 4!)) \times (3! - 2)! - 1) \\
 299127 &:= 1 + (2 + (((3! - (4^5 - 6)) \times 7) + 8!) \times 9)) &= (((9 + 8!) \times 7) - (6! - 5!)) + (4! \times (3! + (2 + 1)!)) \\
 299128 &:= (1 + (2^{3!} \times (4! \times (5 + 6)))) + (7 \times 8! - 9) &= ((9 + 8!) \times 7) + (((6! + (5 - 4!)) \times (3! - 2)! + 1) \\
 299129 &:= (((1 \times 2 + 3!!) \times 4!) + (56 \times (7! - 8))) + 9 &= 9 + ((8! \times 7! / 6!) + (5 \times (4^{3!} - ((2 + 1)!))) \\
 299130 &:= (1 + 2^{3!}) \times (4! + (((5! + 6) \times 7) + 8!) / 9)) &= (9 - 8) \times ((7! + (6 \times 5)) \times (((4! + 3!) \times 2) - 1)) \\
 299131 &:= 1 + ((2 + (3!! + 45)) \times (6 \times ((7 \times 8) + 9))) &= 9 - 8 + ((7! + (6 \times 5)) \times (((4! + 3!) \times 2) - 1)) \\
 299132 &:= (((1 + 2 \times 3!!) \times 4) - 5!) \times ((6 + 7 \times 8) - 9) &= 9 + ((8 \times 7 + (6! + 5)) \times (4! + (3!! / 2 - 1))) \\
 299133 &:= (((1 - ((2^{3!} - 4! \times 5!)) \times 6) + 7 \times 8!) - 9 &= (9 \times (8! - (7! - 6! / 5))) - ((4! + 3!)^{2+1})
 \end{aligned}$$

$$\begin{aligned}
 299134 &:= (1 + 2)!! - (3 - (((4 \times (5! + 6!)) - 7) \times 89)) &= (9 \times (((8 + 765) \times 43) - 2)) + 1 \\
 299135 &:= (((1 + 2) + 3!!) \times 4!) + ((56 \times (7! - 8)) - 9) &= (((9 + 8) \times (7 + 6!)) + 5!) \times 4! - (3!!/2 + 1) \\
 299136 &:= ((1 \times 2 + 3!)! - 4!) + (5 \times ((6! + 7! - 8) \times 9)) &= (((9 \times (8! - 7!))/6) \times 5) + (4! \times (3!! \times 2 - 1)) \\
 299137 &:= ((1 + (2 + 3!))! - 4!) + (5 \times ((6! + 7! - 8) \times 9)) &= 9 - (8 \times (((7 + (6! + 5)) \times 4) - ((3! + 2)! - 1))) \\
 299138 &:= (((1 + 2^{3!} \times 4!) \times (5 + 6)) + 7 \times 8!) - 9 &= (98 + (7 \times (((6! - 5!) \times 4) + (3! + 2)!)) \times 1 \\
 299139 &:= ((12 + 3!!) \times (4! + (5 - 6))) + (7 \times (8! + 9)) &= (9 + ((8! + (7 \times (6! + 5^4))) \times 3!)) + ((2 + 1)!)! \\
 299140 &:= ((1 + 2) + 3!!) + (((4 \times (5! + 6!)) - 7) \times 89) &= 9 + 8! - (((7 + (6 \times 5!)) \times (4 - 3!!/2)) + 1) \\
 299141 &:= 1 - (((2 - 3!) + 4^5) - (67 \times (8!/9))) &= 9 + 8! - ((7 + 6!) \times (5! - (4 \times (((3 + 2)! - 1)))) \\
 299142 &:= ((1 + 2) \times ((3 - 4^5) \times 6)) - ((7! - 8!) \times 9) &= 9 + 8! - (((7 + (6 \times 5!)) \times (4 - 3!!/2)) - 1) \\
 299143 &:= 1 - (2 \times ((3!!/4 \times (5! - 6! - 7)) - 8! + 9)) &= 9 + (((8! \times 7) - 6) + ((5! + (4 + 3!))^{2+1})) \\
 299144 &:= (12 \times ((3 \times 4!) + (5 \times (6 + 7!)))) - 8!/9 &= (9 + 8! \times 7) - (6 - (((5! + (4 + 3!))^{2+1})) \\
 299145 &:= (1 + 2 \times 3! \times 4) \times (5^6 - (7! + 8!/9)) &= ((9 + ((8! \times 7)/(6 \times 5!))) \times (4! + 3!! + 2)) - 1 \\
 299146 &:= 1 - (((2^{3!} - 4! \times 5!) \times 6) - (7 \times 8! + 9)) &= ((9 + ((8! \times 7)/(6 \times 5!))) \times (4! + 3!! + 2)) \times 1 \\
 299147 &:= 1 \times ((2 \times (((3! - 4!) + 5^6) \times 7) + 8!)) + 9 &= 9 + 8! - 7 - ((6! + 5) \times (((4 - 3!!)/2) + 1)) \\
 299148 &:= 1 + ((2 \times (((3! - 4!) + 5^6) \times 7) + 8!)) + 9 &= (9 + (8! \times 7!/6!)) + (((5! + (4 + 3!))^{2+1}) - 1) \\
 299149 &:= (1 - 2 - (((3 - 4!) \times 5!) + 6) \times 7) \times (8 + 9) &= 9 + 8! - (((7 - 6!) \times (5 - ((4 - 3!!)/2))) - 1) \\
 299150 &:= (((-1 + 2) + 3!!) \times (4! + (5 \times 67))) + (8! - 9) &= 9 + ((8! \times 7!/6!) + (((5! + (4 + 3!))^{2+1})) \\
 299151 &:= (((1 - (2^{3!} - 4! \times 5!)) \times 6) + 7 \times 8!) + 9 &= 9 + 8! - 7 + (((6! - 5) \times ((4 + 3!!)/2)) - 1) \\
 299152 &:= 1 - (((2 \times 3!! - 4!) \times 5) - (6 - 7 + 8!)) \times 9 &= 9 + 8! - 7 + ((6! - 5) \times ((4 + 3!!)/2 \times 1)) \\
 299153 &:= (((1 + 2) + 3!!) \times 4!) + ((56 \times (7! - 8)) + 9) &= (9 \times (8! - (7! + 6 + 5!))) - ((4! \times (3!! - 2)) + 1) \\
 299154 &:= ((1 \times 2 - 3!!) \times 4!) - ((5! + ((6 + 7!) - 8!)) \times 9) &= 9 + 8 \times 7! - ((6! + 5) \times (((4 - 3!!)/2) + 1)) \\
 299155 &:= (1 + ((2 - 3!!) \times 4!)) - ((5! + ((6 + 7!) - 8!)) \times 9) &= (9 \times (8! - (7! + 6 + 5!))) - ((4! \times (3!! - 2)) - 1) \\
 299156 &:= ((1 + 2 \times 3!) \times 4) \times (((5 + 6! - 7) \times 8) + 9) &= ((9 - (8 \times (7 - (6! + 5)))) \times 4) \times (3! \times 2 + 1) \\
 299157 &:= ((1 + (2 + 3!))! - 4) + (5 \times ((6! + 7! - 8) \times 9)) &= (9 \times (8! - ((7 \times 6!) + 5!))) - ((4! \times 3!!) + (2 + 1)) \\
 299158 &:= ((1 + 2)! + (3!^4 + (5^6 + 7 \times 8!))) - 9 &= (9 + 8 \times 7!) + (((6! - 5) \times ((4 + 3!!)/2)) - 1) \\
 299159 &:= 1 - (2 + ((3!! \times 4 - (5! + (6! - (7! - 8!)))) \times 9)) &= (9 \times (((8 + 7!) \times 6) - 5!)) + (4!^3 \times 2 - 1) \\
 299160 &:= (((1 + 2) \times 3!!)/4) \times (5 - (((6! - 7!)/8) - 9)) &= (9 + 8 \times 7!) + (((6! - 5) \times ((4 + 3!!)/2)) + 1) \\
 299161 &:= (1 + (2 \times 3! - 4!)) + (5 \times ((6! + 7! - 8) \times 9)) &= (9 \times (((8 + 7!) \times 6) - 5!)) + (4!^3 \times 2 + 1) \\
 299162 &:= 1 \times (2 - ((3!! \times 4 - (5! + (6! - (7! - 8!)))) \times 9)) &= (9 \times (8! - ((7 \times 6!) + 5!))) - ((4! \times 3!!) - (2 \times 1)) \\
 299163 &:= 1 + (2 - ((3!! \times 4 - (5! + (6! - (7! - 8!)))) \times 9)) &= 9 + 8! - 7 + (((6! - (5 - 4)) \times 3!!/2) + 1) \\
 299164 &:= 1 \times ((2 + 3!)! + (4 + (5 \times ((6! + 7! - 8) \times 9)))) &= (9 + ((8! + 7!) \times 6)) - (5 - ((4! + 3!)^{2+1})) \\
 299165 &:= (1 + ((2 + 3!)! + 4)) + (5 \times ((6! + 7! - 8) \times 9)) &= (9 + (8! + 7)) + (((6! - 5) \times ((4 + 3!!)/2)) - 1) \\
 299166 &:= ((1 - (2 \times 3^4)) \times (5! - 6)) - ((7! - 8!) \times 9) &= (((9 + ((8! + 7!) \times 6)) + ((5!/4)^3)) - 2) - 1 \\
 299167 &:= (1 - ((2 + 3!!) \times 4!)) - ((5! - (6 - (7! - 8!))) \times 9) &= (((9 + ((8! + 7!) \times 6)) + ((5!/4)^3)) - 2) \times 1 \\
 299168 &:= 1 \times (2 - (((3 - 4!) \times 5!) + 6) \times (7 \times (8 + 9))) &= (((9 + ((8! + 7!) \times 6)) + ((5!/4)^3)) - 2) + 1 \\
 299169 &:= (((1 + 2)^{3!} \times 4! \times 5) - ((6 \times (7! - 8!)) - 9)) &= (9 - (8!/7)) + ((6! + 5!) \times (((4 + 3!!)/2) + 1)) \\
 299170 &:= 1 - (((2 \times 3!! - 4!) \times 5) + ((6 - 7) - 8!)) \times 9 &= (9 + ((8! - 7!) \times 6)) + ((5! \times ((4! + 3!)^2)) + 1) \\
 299171 &:= (((1 + 2)^{3!+4} \times 5) + 6) - ((7! - 8!)/9) &= 9 + (((8! + 7!) \times 6) + (((5!/4)^3) + 2 \times 1)) \\
 299172 &:= 1 \times (2 + (3!^4 + (5^6 + (7 \times 8! + 9)))) &= 9 + (((8! + 7!) \times 6) + (((5!/4)^3) + (2 + 1)))
 \end{aligned}$$

$$\begin{aligned}
 299173 &:= 1 + (2 + (3!^4 + (5^6 + (7 \times 8! + 9)))) &= ((9 \times 8) + 7) \times ((6 \times ((5^4) + 3!)) + (2 - 1)) \\
 299174 &:= 1 \times ((23 \times (4! - (5 - 6!))) + (7 \times (8! - 9))) &= (9 \times (8 + 7)) - (((6! + 5!) \times (4 - 3!/2)) + 1) \\
 299175 &:= 1 \times (((2 + 3!)! - (4! \times 5! + 6 \times 7)) \times 8) - 9 &= ((9 + 8!) \times 7) - (((6 - 5!) \times 4) \times (3!^2 + 1)) \\
 299176 &:= 1 + (((2 + 3!)! - (4! \times 5! + 6 \times 7)) \times 8) - 9 &= (9 + (8! + (7 + ((6! - (5 - 4)) \times 3!/2)))) \times 1 \\
 299177 &:= (12 \times 3 \times ((4 + 5!) \times 67)) + 89 &= (9 \times (((8 \times 7) \times (6! - 5!)) + ((4 - 3!/2))) - 1) \\
 299178 &:= 1 \times (2 \times ((3!! \times 4! + (5 - (6! - (7 \times 8)))) \times 9)) &= (9 \times (((8 \times 7) \times (6! - 5!)) + ((4 - 3!/2))) \times 1) \\
 299179 &:= 1 - (2 \times ((3!/4 \times (5! - 6! - 7)) - 8! - 9)) &= (9 \times (((8 \times 7) \times (6! - 5!)) + ((4 - 3!/2))) + 1) \\
 299180 &:= (((1 + 2) + 3!!) \times ((4 + 56) \times 7)) - 8!/9 &= (98 + (7 \times (6 - (5! \times (4 - 3!/2)))) \times 1) \\
 299181 &:= ((1 + 2) \times (3!! + (4 + (5! \times (6! - 7)))) + (8! + 9)) &= (((9 + 8) \times (7 + (6^5))) + 4! \times 3!!) \times 2 - 1) \\
 299182 &:= (12 + (3!^4 + 5^6)) + (7 \times 8! + 9) &= (((9 + 8) \times (7 + (6^5))) + 4! \times 3!!) \times 2 \times 1) \\
 299183 &:= ((-12 \times 3^4) - 5) + (67 \times (8!/9)) &= (((9 + 8) \times (7 + (6^5))) + 4! \times 3!!) \times 2 + 1) \\
 299184 &:= ((1 \times 2 + 3!)! + 4!) + (5 \times ((6! + 7! - 8) \times 9)) &= (((9 \times (8! - 7!))/6) \times 5) + (4! \times (3!! \times 2 + 1)) \\
 299185 &:= (1 + ((2 + 3!)! + 4!)) + (5 \times ((6! + 7! - 8) \times 9)) &= 9 - (8 \times (((7 \times 6) + (5! \times 4!)) - ((3! + 2)! - 1))) \\
 299186 &:= (1 + T(T(2 + 3) \times T(4))) \times 5 + T(6! - 7 - 8 - 9) &= (9 \times ((8! - (7! - (6 + 5))) - (4^3/2))) - 1) \\
 299187 &:= (1 - 2^{3!}) \times ((4 + ((5! - (6! - 7)) \times 8)) - 9) &= (9 \times (8 + (7 + 6))) \times (5! + (4! + (3!! \times 2 - 1))) \\
 299188 &:= -12 - (34 \times ((5! \times 6) - (7! + 8!/9))) &= (9 + 8! - (7! - ((6! + 5) \times (4 + 3!/2)))) - 1) \\
 299189 &:= (1 - (2 \times (3! + (4 \times 5!)))) + (67 \times (8!/9)) &= (9 + 8! - (7! - ((6! + 5) \times (4 + 3!/2)))) \times 1) \\
 299190 &:= (1 + 2) \times (((3!! \times 4! - 5) \times 6) + ((7! - 8!/9)) &= (9 + 8! - (7! - ((6! + 5) \times (4 + 3!/2)))) + 1) \\
 299191 &:= 1 \times (((2 \times ((3!! - 4) \times 5)) + 6 \times 7!) \times 8) - 9 &= (98 \times ((76 - 5) \times 43)) - (2 + 1) \\
 299192 &:= (1 + (((2 \times ((3!! - 4) \times 5)) + 6 \times 7!) \times 8)) - 9 &= (9 + 8! \times 7) + (((6^5 - (4! - 3!)) \times 2) - 1) \\
 299193 &:= 1 \times (((2 + 3!)! - (4! \times 5! + 6 \times 7)) \times 8) + 9 &= (9 - (8 \times (((7 \times 6) + (5! \times 4!)) - (3! + 2)!))) \times 1) \\
 299194 &:= 1 \times ((2 \times (3!! - 4!)) + (5^6 + (7 \times (8! - 9)))) &= (9 + 8! \times 7) + (((6^5 - (4! - 3!)) \times 2) + 1) \\
 299195 &:= 1 + ((2 \times (3!! - 4!)) + (5^6 + (7 \times (8! - 9)))) &= (9 \times (8! - 7!)) + (6! - (((5! + (4! - 3!))^2) + 1)) \\
 299196 &:= (1 \times 2 + 3!)! + ((4 + (5 \times (6! + 7! - 8))) \times 9) &= ((9 + 8!) \times 7) - (6 - (((5! + (4 + 3!))^2) - 1)) \\
 299197 &:= (1 + (2 + 3!)!) + ((4 + (5 \times (6! + 7! - 8))) \times 9) &= (9 \times (8! - 7!)) + (6! - (((5! + (4! - 3!))^2) - 1)) \\
 299198 &:= 1 - (2 + (((3 - 4! \times 5!) \times ((6 + 7) \times 8)) + 9)) &= ((9 + 8!) \times 7) - (6 - (((5! + (4 + 3!))^2) + 1)) \\
 299199 &:= ((1 - 2) + (3 \times ((4 + 5!) \times 6!))) + (7 \times 8!/9) &= (((9 + 8!) \times 7) - 6!) + (5! + (4! \times (3^{(2+1)!}))) \\
 299200 &:= (1 + (2 \times (3 + 4!))) \times ((5 \times 6! + (7! + 8!))/9) &= 9 + ((8 \times (((7 + 6) \times ((5! \times 4!) - 3)) - 2)) - 1) \\
 299201 &:= (((1 + 2) \times (3! + 4)^5) - 6! - 7) - 8 \times 9 &= 9 - (8 \times (((7 \times 6) + (5! \times 4!)) - ((3! + 2)! + 1))) \\
 299202 &:= (1 \times 2 + (3 \times ((4 + 5!) \times 6!))) + (7 \times 8!/9) &= (((9 + 8!) \times 7!/6!) + ((5! + (4 + 3!))^2)) - 1) \\
 299203 &:= ((1 + 2) + (3 \times ((4 + 5!) \times 6!))) + (7 \times 8!/9) &= (((9 + 8!) \times 7!/6!) + ((5! + (4 + 3!))^2)) \times 1) \\
 299204 &:= ((1 + 2) \times 3!! + 4 + 5!) \times (6 \times 7 + 89) &= (9 \times ((8! + 7) - (6^5 + (4! - (3!! - 2)))) - 1) \\
 299205 &:= (1 + (2 \times (3! + 4!))) \times ((5 - ((6! - 7!)/8)) \times 9) &= (9 \times ((8! + 7) - (6^5 + (4! - (3!! - 2)))) \times 1) \\
 299206 &:= 1 - (((2 + 3!^4) - 5!) \times 6) + 7 - 8! \times 9 &= (9 \times ((8! + 7) - (6^5 + (4! - (3!! - 2)))) + 1) \\
 299207 &:= (((1 + 2)! + 3!!) \times 4!) + ((56 \times (7! - 8)) - 9) &= (9 \times (8! - ((7 \times 6!) + 5!))) - ((4! \times (3!! - 2)) + 1) \\
 299208 &:= 1 \times (((2 - 3!!) \times 4!) - ((5! + (6! \times 7 - 8!)) \times 9)) &= ((9 + 8!) \times 7) + ((6 + ((5! + (4 + 3!))^2)) - 1) \\
 299209 &:= 1 \times (((2 \times ((3!! - 4) \times 5)) + 6 \times 7!) \times 8) + 9 &= (9 \times (8! - ((7 \times 6!) + 5!))) - ((4! \times (3!! - 2)) - 1) \\
 299210 &:= (1 + (((2 \times ((3!! - 4) \times 5)) + 6 \times 7!) \times 8)) + 9 &= 9 + ((8 \times (7! \times 6 - (5 \times ((4 - 3!!) \times 2)))) + 1) \\
 299211 &:= 1 - (2 \times (3^4 - (5^6 \times 7 + 8! - 9))) &= ((9 \times (8! - (7! - (6 - 5!)))) - ((4! \times 3!!) + 2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 299212 &:= (1 - (2 \times ((3! + 4!) \times (5 + 6! - 7!)))) + (8! - 9) &= ((9 \times (8! - (7! - (6 - 5!)))) - ((4! \times 3!!) + 2)) \times 1 \\
 299213 &:= 1 - (2 + (3!! \times 4! + ((5! - (6 - (7! - 8!))) \times 9))) &= ((9 + 8! - 7!) \times 6) + ((5! \times ((4! + 3!)^2)) - 1) \\
 299214 &:= 1 - ((2 \times (((3 \times 4) - 5^6) \times 7) - 8!)) + 9 &= (9 \times (((8!/7) - 6) \times 5) - 4) + (3! + 2 \times 1!) \\
 299215 &:= (((1 + 2) \times (3! + 4)^5) - 6!) - ((7 \times 8) + 9) &= ((9 + 8! - 7!) \times 6) + ((5! \times ((4! + 3!)^2)) + 1) \\
 299216 &:= 1 \times (2 - (3!! \times 4! + ((5! - (6 - (7! - 8!))) \times 9))) &= ((9 \times (8! - (7! - (6 - 5!)))) - ((4! \times 3!!) - 2)) \times 1 \\
 299217 &:= 1 + (2 - (3!! \times 4! + ((5! - (6 - (7! - 8!))) \times 9))) &= ((9 \times (8! - (7! - (6 - 5!)))) - ((4! \times 3!!) - 2)) + 1 \\
 299218 &:= ((1 + 2) \times (3! + ((4 + 5!) \times 6!)) + (7 \times 8!/9) &= (9 + (((8 \times (7 + 6)) \times ((5! \times 4!) - 3)) + 2)) - 1 \\
 299219 &:= (1 + 2 \times 3!!) - (4! - (5^6 + (7 \times (8! - 9)))) &= (9 + (((8 \times (7 + 6)) \times ((5! \times 4!) - 3)) + 2)) \times 1 \\
 299220 &:= 1 - ((2 \times (3^4 - (5^6 \times 7 + 8!))) + 9) &= ((9 \times ((8! + 7) - (6^5 + (4! - 3!)))) - 2) - 1 \\
 299221 &:= (1 + 2 \times 3!) \times ((4 \times ((5! \times 6) + 7! - 8)) + 9) &= ((9 \times ((8! + 7) - (6^5 + (4! - 3!)))) - 2) \times 1 \\
 299222 &:= (1 - 2 \times 34) \times ((5! + (6 - 7! \times 8))/9) &= ((9 \times ((8! + 7) - (6^5 + (4! - 3!)))) - 2) + 1 \\
 299223 &:= 1 \times ((2 \times ((3!^4 + 5!) \times 6)) + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6 \times (5! \times 4!))) - (3!!/2 \times 1) \\
 299224 &:= 1 + ((2 \times ((3!^4 + 5!) \times 6)) + 7 \times 8! - 9) &= ((9 \times ((8! + 7) - (6^5 + (4! - 3!)))) + 2) - 1 \\
 299225 &:= 1 - ((2 + 3!) \times ((4 \times ((5! \times 6) + 7)) - 8! + 9)) &= ((9 \times ((8! + 7) - (6^5 + (4! - 3!)))) + 2) \times 1 \\
 299226 &:= 1 \times (2 + (3!^4 + (5^6 + (7 \times (8! + 9)))) &= ((9 \times ((8! + 7) - (6^5 + (4! - 3!)))) + 2) + 1 \\
 299227 &:= 1 + (2 + (3!^4 + (5^6 + (7 \times (8! + 9)))) &= ((9 \times (((8!/7) - 6) \times 5)) - 4!) + ((3! + 2)! + 1) \\
 299228 &:= 1 \times ((23 \times (4! - (5 - 6!))) + 7 \times 8! - 9) &= (9 + 8! + ((7! - (6! + 5)) \times ((4! + 3!) \times 2))) - 1 \\
 299229 &:= 1 - (2 \times ((3 \times 4!) - (5^6 \times 7 + 8! - 9))) &= (9 + 8! + ((7! - (6! + 5)) \times ((4! + 3!) \times 2))) \times 1 \\
 299230 &:= (1 - (2 \times ((3! + 4!) \times (5 + 6! - 7!))) + (8! + 9) &= (9 + 8! + ((7! - (6! + 5)) \times ((4! + 3!) \times 2))) + 1 \\
 299231 &:= 1 - (2 - (((3 \times 4)^5) + (6! \times (7!/ (8 \times 9)))) &= ((9 \times (((8 + 7!) \times 6) + (5! \times 4!))) + (3!! - 2)) + 1 \\
 299232 &:= (1 \times 2 + 3!)! + ((4! + ((5 \times 6! - 7) \times 8)) \times 9) &= (9 + 8! \times 7) + (((6^5 - (4 - 3!)) \times 2) - 1) \\
 299233 &:= (1 + (2 + 3!)!) + ((4! + ((5 \times 6! - 7) \times 8)) \times 9) &= ((9 \times (((8 + 7!) \times 6) + (5! \times 4!))) + 3!! + 2) - 1 \\
 299234 &:= 1 \times 2 - (((3!! + 4^5) - (6^7/8)) \times 9) &= (9 + 8! \times 7) + (((6^5 - (4 - 3!)) \times 2) + 1) \\
 299235 &:= ((1 + (2 \times (3!! - 4))) + 5^6) + (7 \times (8! - 9)) &= ((9 \times (((8 + 7!) \times 6) + (5! \times 4!))) + 3!! + 2) + 1 \\
 299236 &:= (12 + (3!^4 + 5^6)) + (7 \times (8! + 9)) &= ((9 \times (8^{(7-6) \times 5})) + 4) + (3! \times (2 + 1)!!) \\
 299237 &:= (((-12 - 3!!) \times 4!) + (5 - 6!)) - ((7! - 8!) \times 9) &= (9 \times (8 + (7! \times 6))) + (5 + ((4! + 3!)^{2+1})) \\
 299238 &:= (1 - (2 \times (3^4 - (5^6 \times 7 + 8!)))) + 9 &= (9 \times (8! - (7! - (6 - 5!)))) - (4! \times (3!! - (2 - 1))) \\
 299239 &:= 1 - (2 \times (3!^4 - (5 \times ((6 \times (7! - 8)) - 9)))) &= T(-9 + T(T(8)))/7 + T(6!) + T(T(T(5))) + T(T(4 + 3 + 2 + 1)) \\
 299240 &:= (((12 + 3)^4) - 5) \times 6 - (7! \times 8/9) &= (9 \times (8! - (7! + 6))) - (((5 \times (4! + 3))^2) + 1) \\
 299241 &:= ((1 + 2)^{3!}) + ((4! \times 5! + (6 \times (7! + 8))) \times 9) &= (9 \times (8! - (7! + 6))) - ((5 \times (4! + 3))^2 \times 1) \\
 299242 &:= (1 - (2 \times (3! \times (4! + (5 \times (6! - 7!)))))) + (8! + 9) &= (9 \times (8! - (7! + 6))) - (((5 \times (4! + 3))^2) - 1) \\
 299243 &:= (1 + 2 \times 3! \times 4) \times (5 + (678 \times 9)) &= ((9 + 8!) \times 7) + ((6!/5 - 4) \times (((3 + 2)!) + 1)) \\
 299244 &:= (((((1 + 2)! \times 3!!) + 4) + 5^6) \times (7 + 8)) + 9 &= (9 \times (((8!/7) - 6) \times 5)) + ((4!/3!) - (2 + 1)!) \\
 299245 &:= (((1 + 2)^{3!+4}) \times 5) + ((6! - (7! - 8!))/9) &= ((9 \times (((8!/7) - 6) \times 5)) - (4 - (3! + 2)!)) - 1 \\
 299246 &:= ((1 + 2)!! + 3!!) + (4 + (5^6 + (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) + ((6^5 - (4! - 3!)) \times 2)) - 1 \\
 299247 &:= (1 + 2 \times 3!) \times ((4 \times (5 + (6! + 7! - 8))) - 9) &= 9 + ((8!/7 + (6 - 5!)) \times ((4! + 3) \times 2 - 1)) \\
 299248 &:= 1 \times ((2 \times (3!! - 4!)) + (5^6 + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) + ((6^5 - (4! - 3!)) \times 2)) + 1 \\
 299249 &:= ((1 + (2 \times (3!! - 4!))) + (5^6 + 7 \times 8!)) - 9 &= ((9 + 8! \times 7) + ((6^5 + (4 + 3!)) \times 2)) \times 1
 \end{aligned}$$

$$\begin{aligned}
 299250 &:= ((1 \times 2 \times (3!! + 4)) + 5^6) + (7 \times (8! - 9)) &= 9 + (8! \times 7 + (((6^5 + (4 + 3!!)) \times 2) + 1)) \\
 299251 &:= ((1 + (2 \times (3!! + 4))) + 5^6) + (7 \times (8! - 9)) &= (9 \times (((8!/7) - 6) \times 5)) + ((4!/3)! + (2 - 1)) \\
 299252 &:= 1 - (((2 + 3) + 4!) \times ((5! - 6! - 7) \times (8 + 9))) &= (9 \times (((8!/7) - 6) \times 5)) + ((4!/3)! + 2 \times 1) \\
 299253 &:= (((1 + 2)!! - 3!) \times 4!) - 5! + ((6 + 7 \times 8!) - 9) &= ((9 \times (((8!/7) - 6) \times 5)) + 4) + ((3! + 2)! - 1) \\
 299254 &:= 1 - (((2 + (3 \times 4!)) - 5) \times (6! - (7! + 8 + 9))) &= ((9 \times (((8!/7) - 6) \times 5)) + (4 + (3! + 2)!)) \times 1 \\
 299255 &:= (((1 + 2)!)! \times (3 + 4!)) - (5! - (6^7 + (8 - 9))) &= ((9 \times (((8!/7) - 6) \times 5)) + (4 + (3! + 2)!)) + 1 \\
 299256 &:= (1 - (2 \times ((3 \times 4!) - (5^6 \times 7 + 8!)))) + 9 &= ((9 \times 8) - (7!/6 + 5!)) \times (4! - (3!!/2 + 1)) \\
 299257 &:= (((1 + 2)!)! \times (3 + 4!)) - (5! - (6^7 - 8 + 9)) &= (9 \times (8 + 7!)) - ((6! - 5) \times (4 - (3!!/2 - 1))) \\
 299258 &:= -1 \times ((2 + (3!!/4 \times 5)) - (67 \times (8!/9))) &= (98 + ((7!/6 - (5 + 4)) \times 3!!/2)) \times 1 \\
 299259 &:= ((1 + 2)!)! + ((3 + (4! \times 5! + (6 \times (7! + 8)))) \times 9) &= ((9 + 8! \times 7) - (6 + 5!)) + (4! \times (3!! - (2 + 1)!)) \\
 299260 &:= (1 + 2^{3!}) \times (4 + 5! - (((6 - 7) \times 8!)/9)) &= (9 - 8) \times ((7! + (6! - 5)) \times (4 \times (3! \times 2 + 1))) \\
 299261 &:= 1 + (((2 \times (3!! \times 4)) - 5) \times ((6 \times 78)/9)) &= ((9 \times (8! - (7! - (6 - 5!)))) - (4! \times (3!! - 2))) - 1 \\
 299262 &:= ((1 \times 2 - 3!!) \times 4!) - ((5! - (6 - (7! - 8!))) \times 9) &= ((9 \times (8! - (7! - (6 - 5!)))) - (4! \times (3!! - 2))) \times 1 \\
 299263 &:= (1 + ((2 - 3!!) \times 4!)) - ((5! - (6 - (7! - 8!))) \times 9) &= ((9 \times (8! - (7! - (6 - 5!)))) - (4! \times (3!! - 2))) + 1 \\
 299264 &:= 1 \times 2 \times (((3!! \times 4!)/5) \times 6 \times 7) + 8!/9 &= ((9 + 8) + ((7! + 6!)/5)) \times (4^{3+2-1}) \\
 299265 &:= 1 + (2^{3!} \times ((4 \times (56 - 7)) + 8!/9)) &= 9 - (8 \times (7 - ((6 + (5 \times 4)) \times (3!! \times 2 - 1)))) \\
 299266 &:= (1 - (((2 - 3! \times 4!) \times 5!) + (6 - (7 \times 8!)))) - 9 &= ((9 \times (8! - (76 \times (5! - (4! + 3)))) - 2) \times 1 \\
 299267 &:= ((1 + (2 \times (3!! - 4!))) + (5^6 + 7 \times 8!)) + 9 &= ((9 \times (8! - (76 \times (5! - (4! + 3)))) - 2) + 1 \\
 299268 &:= 1 \times (((((2 + 3)! \times (4 - 5!)) + 6^7)/8) \times 9) &= (9 \times ((8^{(7-6) \times 5} + 4)) + (3! \times (2 + 1)!)) \\
 299269 &:= 1 + (((((2 + 3)! \times (4 - 5!)) + 6^7)/8) \times 9) &= (9 + 8! \times 7) + ((6! + (5 \times 4)) \times ((3! - 2)! - 1)) \\
 299270 &:= (((1 + 2) \times (3! + 4)^5) - (6! - 7)) - (8 + 9) &= 9 - (8 + ((7 - (6! + (5! - 4))) \times (3!!/2 + 1))) \\
 299271 &:= (((1 + 2)!)! \times 3^4) - (((5! - 6 \times 7!) \times 8) + 9) &= (9 \times ((8! - 7) - (6^5 + (4 - 3!)))) - (2 + 1)! \\
 299272 &:= 1 \times ((2 \times 3!! - 4!) + (5^6 + 7 \times 8! - 9)) &= 9 - (((8 + 7! - (6! \times (5 \times 4))) \times 32) + 1) \\
 299273 &:= ((1 + 2 \times 3!! - 4!) + (5^6 + 7 \times 8!)) - 9 &= ((9 \times (((8!/7) - 6) \times 5)) + (4! + (3! + 2)!)) - 1 \\
 299274 &:= (1 - (2^{3!} + (4! \times (5 - 6!)))) + (7 \times (8! - 9)) &= ((9 \times (((8!/7) - 6) \times 5)) + (4! + (3! + 2)!)) \times 1 \\
 299275 &:= 1 + (2 \times (((3 + 4) \times (5^6 - 7)) + 8! - 9)) &= ((9 \times (((8!/7) - 6) \times 5)) + (4! + (3! + 2)!)) + 1 \\
 299276 &:= (-1 - (((2 - 3! \times 4!) \times 5!) - 6)) + (7 \times 8! - 9) &= (((9 \times 8 \times (7!/6)) - (5^4)) \times (3 + 2)) + 1 \\
 299277 &:= ((1 + 2)!)! + (((3!! \times 4) + (5 + (6 \times (7! + 8)))) \times 9) &= ((9 - (8! + (7! - 6)))/5) \times (4 - (3!^2 + 1)) \\
 299278 &:= (1 - (((2 - 3! \times 4!) \times 5!) - 6)) + (7 \times 8! - 9) &= 9 + ((8 + (7!/6 + (5 - 4!))) \times (3!!/2 + 1)) \\
 299279 &:= 1 - (2 - ((3! + 4) \times (5! + (6 \times (7! - 8 \times 9)))))) &= (9 \times (8! - 7!) - 6!) - ((5! \times ((4! \times 3!) + 2)) + 1) \\
 299280 &:= (((1 + 2)!)! \times (3 \times (4 + 5!))) + ((6! + 7 \times 8!)/9) &= 9 \times 8 + (((7 + ((6 \times 5) \times (4! - 3!)))^2) - 1) \\
 299281 &:= (1 - (((2 + 3! \times 4!) \times 5!) + 6!)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - 6!) - ((5! \times ((4! \times 3!) + 2)) - 1) \\
 299282 &:= 1 \times (2 + ((3! + 4) \times (5! + (6 \times (7! - 8 \times 9)))))) &= ((9 + 8! \times 7) - 6) + ((5! \times ((4! \times 3!) - 2)) - 1) \\
 299283 &:= 1 + (2 + ((3! + 4) \times (5! + (6 \times (7! - 8 \times 9)))))) &= ((9 + 8! \times 7) - 6) + (5! \times ((4! \times 3!) - (2 \times 1))) \\
 299284 &:= (1 - (((2 - 3! \times 4!) \times 5!) + (6 - (7 \times 8!)))) + 9 &= ((9 + 8! \times 7) - 6) + ((5! \times ((4! \times 3!) - 2)) + 1) \\
 299285 &:= (1 - (2 + 3!)) \times ((4 \times ((5 - 6) - 7!/8)) + 9) &= (9 \times (((8!/7) - 6) \times 5) + 4) + ((3! + 2)! - 1) \\
 299286 &:= ((1 + 2)!)! + ((3! + (4! \times 5! + (6 \times (7! + 8)))) \times 9) &= ((9 + 8!) \times 7) + (((6^5 - (4 - 3!)) \times 2) - 1) \\
 299287 &:= ((1 + 2) \times (3! + 4)^5) + ((6! - 7) \times (8 - 9)) &= (9 \times (((8!/7) - 6) \times 5) + 4) + ((3! + 2)! + 1) \\
 299288 &:= ((1 \times 2 \times (3!! - 4)) + 5^6) + (7 \times 8! - 9) &= (9 \times (8! - 7!)) - (6 + (((5 \times (4! + 3))^2) + 1))
 \end{aligned}$$

$$\begin{aligned}
 299289 &:= ((1 + (2 \times (3!! - 4))) + 5^6) + (7 \times 8! - 9) &= (9 + 8! - 7!) + ((6! - 5!) \times (((4! - 3!)^2) - 1)) \\
 299290 &:= 1 \times ((2 \times (3!! + 4!)) + (5^6 + (7 \times (8! - 9)))) &= (9 \times (8! - 7!)) - ((6 + ((5 \times (4! + 3!))^2)) - 1) \\
 299291 &:= ((1 + 2 \times 3!! - 4!) + (5^6 + 7 \times 8!)) + 9 &= ((98 \times ((765 \times 4) - 3!)) - 2) + 1 \\
 299292 &:= (((1 + 2)!! + (3!! - 4)) + (5^6 + 7 \times 8!)) - 9 &= (((9 \times (8 + 7)) \times ((6! - (5 - 4!)) \times 3)) - 2) - 1 \\
 299293 &:= ((1 + 2 \times 3!! - 4) + (5^6 + 7 \times 8!)) - 9 &= (((9 \times (8 + 7)) \times ((6! - (5 - 4!)) \times 3)) - 2) \times 1 \\
 299294 &:= 1 - (2 - (((3 \times (45 - 6!)) - (7! - 8!)) \times 9)) &= (9 \times (8! - (7 \times 6!))) - (((5 \times (4! + 3!))^2) + 1) \\
 299295 &:= (1 + 2)! - (((3 \times 4!) - 5) \times ((6 + 7) - 8!/9)) &= (9 + 8! \times 7 + 6) + (5! \times ((4! \times 3!) - (2 \times 1))) \\
 299296 &:= (1 - (((2 - 3! \times 4!) \times 5!) - 6)) + (7 \times 8! + 9) &= (9 \times (8! - (7 \times 6!))) - (((5 \times (4! + 3!))^2) - 1) \\
 299297 &:= ((1 + ((2 + 3)! \times (4 + 5!))) + 6^7) + 8!/9 &= 9 - (8 \times (((7 + (6 \times 5!)) \times 4) - ((3! + 2)! - 1))) \\
 299298 &:= (1 + 2) \times ((3!! \times (4! + 5!)) + (6 + ((7! - 8!)/9))) &= ((9 \times ((8! - 7!) - (6^5/4))) - 3!) - ((2 + 1)! \times 1) \\
 299299 &:= (((1 + 2)!! \times (3 + 4!)) - (5 - (6^7 - 8 \times 9))) &= (9 + 8! + (((7 + 6!) - 5!) \times 4)) \times (3! + (2 - 1)) \\
 299300 &:= (1 - ((2^{3 \times 4} + 5)) \times ((6 - 7) - 8 \times 9)) &= (9 \times (8! - 7!)) + (6 - (((5 \times (4! + 3!))^2) + 1)) \\
 299301 &:= ((1 + (2 \times 3!! + 4)) + (5^6 + 7 \times 8!)) - 9 &= (9 \times (8! - 7!)) + (6 - ((5 \times (4! + 3!))^2 \times 1)) \\
 299302 &:= (((1 + 2)!! - 3!) \times 4!) - 5) - (6 - (7 \times (8! - 9))) &= (9 \times (8! - 7!)) + (6 - (((5 \times (4! + 3!))^2) - 1)) \\
 299303 &:= 1 - (2 - (3! \times (4 \times ((5! \times ((6 + 7) \times 8)) - 9)))) &= ((9 + 8!) \times 7) + ((6^5 + (4 + 3!)) \times 2 \times 1) \\
 299304 &:= (1 - ((2 \times 3!^4) + 5^6)) - ((7! - 8!) \times 9) &= ((9 + 8!) \times 7) + (((6^5 + (4 + 3!)) \times 2) + 1) \\
 299305 &:= 1 \times (((2 + 3!)! - (4 \times ((5! \times 6) + 7))) \times 8) + 9 &= 9 - (8 \times (((7 + (6 \times 5!)) \times 4) - (3! + 2 \times 1)!)) \\
 299306 &:= 1 + (((2 + 3!)! - (4 \times ((5! \times 6) + 7))) \times 8) + 9 &= 9 - ((8 \times (((7 + (6 \times 5!)) \times 4) - (3! + 2)!)) - 1) \\
 299307 &:= ((1 + (2 \times (3!! - 4))) + 5^6) + (7 \times 8! + 9) &= 9 + (8! \times 7 + (6 \times ((5! \times 4!) - (3!^2 + 1)))) \\
 299308 &:= 12 - (3!! + (4! + (5! - (67 \times (8!/9)))))) &= 98 + (((7 + ((6 \times 5) \times (4! - 3!)))^2) + 1) \\
 299309 &:= (((1 + 2)!! \times (3 + 4!)) + ((5 + 6^7) - 8 \times 9)) &= (9 \times (8! - 7!) - 6!) + (5 - (4! \times (3^{(2+1)!}))) \\
 299310 &:= 1 - (((2 + 3!!) \times (4! + 5)) - 6^7) - 8! + 9 &= (9 \times ((8! - 7!) - (6^5/4))) - (3!! - (2 + 1)! \times 1) \\
 299311 &:= ((1 + 2 \times 3!! - 4) + (5^6 + 7 \times 8!)) + 9 &= (((-9 + 8!) \times 7) - (6!/5 - ((4! \times 3!!) - 2))) \times 1 \\
 299312 &:= 1 - (2 + (((3!^4 - 5!) \times 6) + 7 - 8!) \times 9) &= 9 + 8! + (((((7! + 6!) \times 5) - 4!) \times (3^2)) - 1) \\
 299313 &:= (1 + (2 \times (3!! - (4! - ((5 \times 6) \times 7!)))) - 8!/9 &= 9 - (((8 - 7!/6) \times 5!) + 4! \times 3) \times (2 + 1)) \\
 299314 &:= (1 + ((2 \times 3!^4)) - (5 \times 6! - (7 \times (8! - 9)))) &= 9 + 8! + (((((7! + 6!) \times 5) - 4!) \times (3^2)) + 1) \\
 299315 &:= 1 \times (2 - (((3!^4 - 5!) \times 6) + 7 - 8!) \times 9) &= 9 + ((8! - (7 \times (6 - ((5!/4!)^3)))) \times 2 \times 1) \\
 299316 &:= 1 + (2 - (((3!^4 - 5!) \times 6) + 7 - 8!) \times 9) &= 9 + (8! - (((7 - (6! \times 5!)) + 4^3) \times (2 + 1))) \\
 299317 &:= 1 + 2 \times 3! + (4! \times ((5! \times ((6 + 7) \times 8)) - 9)) &= -9 - (8 + (((7 - 6!) \times (5 \times 4)) + 3!) \times 21)) \\
 299318 &:= (((1 + 2)!! + (3!! + 4)) + (5^6 + 7 \times 8!)) + 9 &= ((9 + 8! \times 7) - 6! + 5) + (4! \times (3!! + 21)) \\
 299319 &:= ((1 + (2 \times 3!! + 4)) + (5^6 + 7 \times 8!)) + 9 &= 9 + (8! \times 7 + (6 \times ((5! \times 4!) - (3!^2 - 1)))) \\
 299320 &:= ((1 + ((2 \times 3!!)/4)) \times (5! + 6!)) + ((7! - 8!)/9) &= (9 + ((8 \times (7 + 6)) \times ((5! \times 4 \times 3!) - 2))) - 1 \\
 299321 &:= (1 - (2 \times ((3! + 4!) \times (5! + (6 - 7!)))) + 8!/9 &= (9 + ((8 \times (7 + 6)) \times ((5! \times 4 \times 3!) - 2))) \times 1 \\
 299322 &:= (1 - (2 \times ((3! + 4!) - (5^6 \times 7 + 8!)))) - 9 &= (9 + ((8 \times (7 + 6)) \times ((5! \times 4 \times 3!) - 2))) + 1 \\
 299323 &:= ((1 + (2 \times (3!! + 4))) + (5^6 + 7 \times 8!)) + 9 &= ((9 + 8!) \times 7) + ((6! + (5 \times 4)) \times ((3! - 2)! - 1)) \\
 299324 &:= (((1 + 2)!! - 3!) \times 4!) + 5) + (6 + (7 \times (8! - 9))) &= ((-98 + ((7! + 6!) \times ((5 \times 4) + 3!))) \times 2) \times 1 \\
 299325 &:= ((1 + 2)!! - 3!) + (((4 \times 5!) - 6) \times (7!/8)) - 9 &= (9 + (((8!/7) - 6!/5!) \times 4)) \times (3! \times 2 + 1) \\
 299326 &:= (1 - (2 \times 3! + (4! \times (5 - 6!)))) + (7 \times (8! - 9)) &= -98 + (76 \times 5! + (4!^3 \times 21))
 \end{aligned}$$

$$\begin{aligned}
 299327 &:= (((1+2) \times (3!+4)^5) - 6!) + ((7 \times 8) - 9) &= -98 - (7 \times ((6!+5) \times (4 - (3 \times 21)))) \\
 299328 &:= (1 - (2^{3!} + (4! \times (5 - 6!)))) + (7 \times 8! - 9) &= (9 \times (8! - 7!) - (6! + 5!)) - (4! \times (3 + (2 + 1)!)) \\
 299329 &:= 1 + ((2 + 3!) \times (4! \times ((5! \times (6 + 7)) + (8 - 9)))) &= (9 + ((8 \times (7 + 6)) \times (5 + (4 \times 3!)))) - ((2 + 1)! \times 1) \\
 299330 &:= 1 \times (2 \times ((3 - 4!) + (5^6 \times 7 + 8! - 9))) &= (((9 + (8! + (7 - 6)))/5) + 4!) \times (3!^2 + 1) \\
 299331 &:= 1 + (2 \times ((3 - 4!) + (5^6 \times 7 + 8! - 9))) &= ((9 + 8! \times 7) - (6 + 5!)) + (4! \times (3!! - 2 - 1)) \\
 299332 &:= (1 - (2 \times (34 - (5^6 \times 7 + 8!)))) + 9 &= 9 \times 8 + ((7! + (6! - 5)) \times (4 \times (3! \times 2 + 1))) \\
 299333 &:= 1 \times ((2 + 3!! \times 4!) - (5! + (6 - (7 \times (8! - 9)))))) &= (((9 \times 8) - 7 + 6) \times (5! + 4^{3!})) - (2 + 1) \\
 299334 &:= 1 - ((2 \times ((3! \times 4) - (5^6 \times 7 + 8!))) + 9) &= (((9 \times 8) - 7 + 6) \times (5! + 4^{3!})) - 2 \times 1 \\
 299335 &:= (((1 - 23) + ((45 \times 6!) + 7!)) \times 8) - 9 &= ((9 + 8 \times 7) - 6!) \times (((5 - 4!) \times (3! - 2)! - 1) \\
 299336 &:= 1 \times 2 \times ((3! - 4!) + (5^6 \times 7 + 8! - 9)) &= (((9 + 8!) \times 7) - 6) + ((5! \times ((4! \times 3!) - 2)) - 1) \\
 299337 &:= 1 \times (((2 + 3!)! - (4! \times (5! - (6 - 7)))) \times 8) + 9 &= (((9 + 8!) \times 7) - 6) + (5! \times ((4! \times 3!) - (2 \times 1))) \\
 299338 &:= (1 - (((2 - 3!!) \times 4!) + (5! + 6))) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) - 6) + ((5! \times ((4! \times 3!) - 2)) + 1) \\
 299339 &:= 1 + 2 \times 3!! + (4! + (5^6 + (7 \times 8! + 9))) &= (((9 \times 8) - 7 + 6) \times (5! + 4^{3!})) + (2 + 1) \\
 299340 &:= (1 - (2 \times ((3! + 4!) - (5^6 \times 7 + 8!)))) + 9 &= (9 \times (8 - (7 \times (6 - (5! \times 4)))) \times (3^2 + 1) \\
 299341 &:= 1 - (2 \times (34 - (5^6 \times 7 + 8! + 9))) &= 9 \times 8 - ((7 - (6! + (5! - 4))) \times (3!!/2 + 1)) \\
 299342 &:= 1 - (2 - (3!! \times 4! - (5! - (6 + (7 \times (8! - 9)))))) &= (((9 + 8!) \times 7) + ((6! + 5) \times 4!)) - (3!!/2 + 1) \\
 299343 &:= ((1 + 2)!! - 3!) + (((4 \times 5!) - 6) \times (7!/8) + 9) &= ((9 + 8!) \times 7) - (6! - ((5! \times 4) \times (3!^2 + 1))) \\
 299344 &:= 1 \times ((2 \times 3!! - 4!) + (5^6 + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + ((6! + 5) \times 4!)) - (3!!/2 - 1) \\
 299345 &:= ((1 + (2 \times (3!! + 4!))) + 5^6) + (7 \times 8! - 9) &= 9 - (8 \times (((7 - 6) + 5!) \times 4!) - ((3! + 2)! + 1)) \\
 299346 &:= (1 + (2 \times ((3! - 4!) + (5^6 \times 7 + 8!)))) - 9 &= ((9 \times (8! - (7! + 6))) - (5! + 4! \times 3!)) - ((2 + 1)! \times 1) \\
 299347 &:= 1 - (2 \times (3!^4 - (((5 \times 6) \times (7! - 8)) + 9))) &= ((9 \times (8! - ((7 + 6) \times 543))) - 2) \times 1 \\
 299348 &:= 1 - (2 - (3!! + (((4 \times 5!) - 6) \times (7!/8) + 9))) &= (9 \times (8! - (7! - 6))) - (((5 \times (4! + 3))^2) + 1) \\
 299349 &:= 1 - (2 \times ((3 \times 4) - (5^6 \times 7 + 8! - 9))) &= (9 \times (8! - (7! - 6))) - ((5 \times (4! + 3))^2 \times 1) \\
 299350 &:= (1 - (((2 - 3!!) \times 4!) + (5! - 6))) + (7 \times 8! - 9) &= (9 \times (8! - (7! - 6))) - (((5 \times (4! + 3))^2) - 1) \\
 299351 &:= 1 \times (((((2 \times 3!! - 4) \times 5) + 6 \times 7!) \times 8) - 9) &= (9 \times (8! - 7!) - (6! + (5! + (4! \times (3!! + 2)))) - 1) \\
 299352 &:= 1 + (((((2 \times 3!! - 4) \times 5) + 6 \times 7!) \times 8) - 9) &= (9 + 8! \times 7) + ((6! + ((5! + (4!/3))^2)) - 1) \\
 299353 &:= (1 - (((2 + 3!!) \times 4!) + (5! + 6!))) - ((7! - 8!) \times 9) &= (9 - ((8 + 7!/6) \times (5 + ((4 - 3!!)/2)))) \times 1 \\
 299354 &:= ((((((1 + 2)!) \times (3 + 4!)) - 5) + 6^7) - 8) - 9 &= (9 + 8! \times 7) + (6! + (((5! + (4!/3))^2) + 1)) \\
 299355 &:= 1 \times ((2 \times (3! - (((4 - 5^6) \times 7) - 8!))) + 9) &= ((9 + 8! \times 7) - 6) - (5! - (4! \times (3!! - (2 \times 1)))) \\
 299356 &:= 1 + ((2 \times (3! - (((4 - 5^6) \times 7) - 8!))) + 9) &= (9 + (8! + 7)) + (((6 \times 5!)/4) \times (3!! \times 2 - 1)) \\
 299357 &:= 1 \times ((2 \times ((3 - 4!) + (5^6 \times 7 + 8!))) + 9) &= (((9 \times 8) - 7 + 6) \times (5! + 4^{3!})) + 21 \\
 299358 &:= 1 + ((2 \times ((3 - 4!) + (5^6 \times 7 + 8!))) + 9) &= (9 + (8! \times 7 + 6!)) + (5 + (4^{3!+2-1})) \\
 299359 &:= (((1 + 2) \times (3! + 4)^5) - (6! - 7)) + 8 \times 9 &= (-9 - 8) - (((((7 - 6!) \times 5!) + 4!)/3!) \times 21) \\
 299360 &:= ((1 \times 2 \times (3!! - 4)) + 5^6) + (7 \times (8! + 9)) &= ((9 + (8! \times 7!/6)) - 5!) + ((4! \times (3!! - 2)) - 1) \\
 299361 &:= (1 + ((2 + 3^4) \times (5 \times 6!))) + (7! - 8!/9) &= ((9 + 8!) \times 7) + (6 \times ((5! \times 4!) - (3!^2 + 1))) \\
 299362 &:= 1 - ((2 \times ((3! + 4) - (5^6 \times 7 + 8!))) + 9) &= ((9 + (8! \times 7!/6)) - 5!) + ((4! \times (3!! - 2)) + 1) \\
 299363 &:= 1 \times ((2 \times ((3! - 4!) + (5^6 \times 7 + 8!))) + 9) &= -9 + (8 + (((76 \times 5) + 4!) \times (3!! + 21))) \\
 299364 &:= (1 + (2 \times ((3! - 4!) + (5^6 \times 7 + 8!)))) + 9 &= ((9 + 8) \times ((7! + (6! + (5! + 4))) \times 3)) - ((2 + 1)! \times 1)
 \end{aligned}$$

$$\begin{aligned}
 299365 &:= (1 + 2 \times 3!) - (4 - (5^6 + (7 \times (8! + 9)))) &= 9 - (8 - (((76 \times 5) + 4!) \times (3!! + 21))) \\
 299366 &:= 1 - (((2 + (3!! \times (4! + 5))) - 6^7) - 8! + 9) &= ((9 + 8!) \times 7) - (((6 - (5! \times 4)) \times (3!^2)) + 1) \\
 299367 &:= (((1 + 2) \times (3! + 4)^5) + 6) - (7!/8 + 9) &= ((9 + 8! - ((7 + (6 \times 5!)) \times 4)) \times (3! + 2)) - 1 \\
 299368 &:= (1 + ((2 \times 3!)^4)) - (5 \times 6! - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) - (((6 - (5! \times 4)) \times (3!^2)) - 1) \\
 299369 &:= 1 \times (((2 - (3!! \times (4! + 5))) + 6^7) + 8! - 9) &= ((9 + 8! - ((7 + (6 \times 5!)) \times 4)) \times (3! + 2)) + 1 \\
 299370 &:= 1 - (((2 + 3!) \times ((4 \times (5 + 6!)) - 7! \times 8)) - 9) &= 9 + (((8 \times 7! - ((6! + 5) \times 4)) \times (3! + 2)) + 1) \\
 299371 &:= 1 - (2 - ((3! - 4) \times (5^6 \times 7 + 8! - 9))) &= (((9 \times 8) + (7 - 6)) \times (5 + 4^3!)) - 2 \times 1 \\
 299372 &:= ((((((1 + 2)!)) \times (3 + 4!)) - 5) + 6^7) - 8) + 9 &= (9 + 8! \times 7) + (((6! - 5) \times 4!) - (3!^2 + 1)) \\
 299373 &:= 1 + 2 \times 3!! + (4 + (5^6 + (7 \times (8! + 9)))) &= ((9 + 8!) \times 7) + (6 \times ((5! \times 4!) - (3!^2 - 1))) \\
 299374 &:= 1 \times (2 + ((3! - 4) \times (5^6 \times 7 + 8! - 9))) &= (9 + 8! \times 7) + (((6! - 5) \times 4!) - (3!^2 - 1)) \\
 299375 &:= 1 + (2 + ((3! - 4) \times (5^6 \times 7 + 8! - 9))) &= (9 \times (8! - 7!) - 6!) - (((5! + 4 \times 3)^2) + 1) \\
 299376 &:= (1 \times 2 + 3!)! - ((4! - ((5 \times (6! + 7!)) + 8)) \times 9) &= (9 \times ((8! + 7!)/6!)) \times ((5! + 4! \times 3!) \times 2 \times 1) \\
 299377 &:= (1 + (2 + 3!))! - ((4! - ((5 \times (6! + 7!)) + 8)) \times 9) &= (9 + 8! - ((7! - 6! + 5) \times 4)) \times (3! \times 2 + 1) \\
 299378 &:= 1 - ((2 \times ((3! - 4) - (5^6 \times 7 + 8!))) + 9) &= (9 \times (8! - 7!)) - (((6 + 5!) \times (4! \times 3!)) - (2 \times 1)) \\
 299379 &:= (((1 \times 2 + 3!) \times 4!) - 5!) - (6 - (7 \times (8! - 9))) &= (9 + 8! \times 7) + (6 \times ((5! \times 4!) - ((3! - 2)! + 1))) \\
 299380 &:= (1 - (2 \times ((3! + 4) - (5^6 \times 7 + 8!)))) + 9 &= ((9 + (8! \times 7!/6!)) - 5) + (4! \times (3!! - (2 + 1)!)) \\
 299381 &:= 1 - (2 \times (((3! - 4) - 5^6) \times 7) - 8! - 9) &= (9 \times (8! - 7!) - 6! + 5) - (4! \times (3! + (2 + 1)!)) \\
 299382 &:= (1 + (2 \times (((3!! \times 4) + 5^6) \times 7))) + (8! - 9) &= 9 - (((8 - (7!/6 - 5)) \times ((4 + 3!)/2)) + 1) \\
 299383 &:= 1 \times ((2 + ((3! - 4) \times (5^6 \times 7 + 8!))) - 9) &= (9 + 8! \times 7) - (6!/5 - ((4! \times 3!)) - (2 \times 1)) \\
 299384 &:= 1 + ((2 + ((3! - 4) \times (5^6 \times 7 + 8!))) - 9) &= 9 + 8! + ((7! + (((6 + 5!) \times (4!/3!))^2)) - 1) \\
 299385 &:= 1 - (2 \times ((3 \times 4) - (5^6 \times 7 + 8! + 9))) &= ((9 + 8! \times 7) - (6! \times 5)) + ((4! \times 3!)^2 \times 1) \\
 299386 &:= (1 + ((2 \times 3!)^4)) - (5 \times 6! - (7 \times 8! + 9)) &= 9 + 8! + (7! + (((6 + 5!) \times (4!/3!))^2) + 1) \\
 299387 &:= 1 \times (((2 - (3!! \times (4! + 5))) + 6^7) + 8! + 9) &= (9 + 8! \times 7) - (6!/5 - ((4! \times 3!)) + 2 \times 1) \\
 299388 &:= 1 \times ((2 - 3!) \times (4! + ((5! \times (6 - 7!/8)) + 9))) &= (9 - (8! + (7 + ((6 + 5!) \times (4 - 3!)))) \times (2 + 1)! \\
 299389 &:= 1 + ((2 - 3!) \times (4! + ((5! \times (6 - 7!/8)) + 9))) &= (9 + ((8!/7!)^6)) + ((5! - 4) \times 321) \\
 299390 &:= (1 + 2^{3!}) \times ((4! \times 5) + (6 + (7! \times 8/9))) &= (((9 + 8!) \times 7) - 6!/5) + ((4! \times (3!! - 2)) - 1) \\
 299391 &:= (((1 \times 2 + 3!) \times 4!) - 5!) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6!/5) + (4! \times (3!! - (2 \times 1))) \\
 299392 &:= ((1 + ((2 + 3!) \times 4!)) - 5!) + (6 + (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6!/5) + ((4! \times (3!! - 2)) + 1) \\
 299393 &:= (1 + 2^{3!} \times 4!) + (5^6 + 7 \times 8! - 9) &= 9 + 8! - 7 + ((6! \times 5! - 43) \times (2 + 1)) \\
 299394 &:= (1 - ((2^{3!}) - (4! \times 5! \times 6))) + (7 \times (8! - 9)) &= (9 \times (8! - 7!) - (6! + (5! + 4! \times 3!))) - (2 + 1)! \\
 299395 &:= 1 \times ((2 \times (((3 + 4) \times (5^6)) + 7 + 8!)) - 9) &= ((9 + 8) \times (7! + 6!)) - (5 \times (4! - ((3! + 2)! - 1))) \\
 299396 &:= 1 \times 2 + (3 - ((4! \times (5 - 6!)) - (7 \times 8! - 9))) &= (9 + (8! \times 7 + (6! - 5) \times 4!)) - (3! \times 2 + 1) \\
 299397 &:= ((1 + 2) \times ((3! + 4)^5 + 6)) - (7!/8 - 9) &= ((9 + (8!/(7!/6!)) - 5!) \times ((4! + 3) \times 2 - 1) \\
 299398 &:= (1 - (2 \times 3! + (4! \times (5 - 6!)))) + (7 \times 8! + 9) &= (9 + (8! \times 7 + (6! - 5) \times 4!)) - ((3! \times 2) - 1) \\
 299399 &:= (1 - (((2 - 3!)) \times 4!) + 5) - (6 - (7 \times (8! - 9))) &= (9 + 8! \times 7) + (((6! - 5) \times 4!) - (3^2 + 1)) \\
 299400 &:= (1 + (2 \times (((3!! \times 4) + 5^6) \times 7))) + (8! + 9) &= (9 \times 8 \times (7! - 6!)) - (5! \times ((4 \times (3! - 2)! + 1)) \\
 299401 &:= 1 \times 2 + (((3! - 4) \times (5^6 \times 7 + 8!)) + 9) &= (9 \times (8! - 7!) - ((6! + 5) \times 4!) + (3!! - 2)) - 1 \\
 299402 &:= 1 \times (2 - (3!! \times 4! + (5! + (6! + ((7! - 8!) \times 9)))) &= (9 \times (8! - 7!) - ((6! + 5) \times 4!) + (3!! - 2)) \times 1
 \end{aligned}$$

$$\begin{aligned}
 299403 &:= 1 + (2 - (3!! \times 4! + (5! + (6! + ((7! - 8!) \times 9)))) &= (9 \times (8! - 7!) - (((6! + 5) \times 4!) + (3!! - 2))) + 1 \\
 299404 &:= ((1 + 2 \times 3!) - (4! \times (5 - 6!))) + (7 \times 8! - 9) &= (9 + (8! \times 7 + (((6! - 5) \times 4!) - 3))) - 2 \times 1 \\
 299405 &:= 1 \times 2 - (3! + ((4! \times (5 - 6!)) - (7 \times 8! + 9))) &= ((9 + (8 \times (7 + 6!)))/5) \times ((4^{3! - 2}) + 1) \\
 299406 &:= 1 + ((2 \times ((3 \times 4) + (5^6 \times 7 + 8!))) - 9) &= ((9 + 8!) \times 7) + ((6! + ((5! + (4!/3))^2)) - 1) \\
 299407 &:= (1 + ((2^{3 \times 4} + 5!)) \times (6 - 7 + 8 \times 9) &= ((9 + (8! \times 7!/6!)) - 5!) + ((4! \times 3!!) - (2 \times 1)) \\
 299408 &:= (1 \times 2 \times (3!^4 \times (5! - 6!))) - ((7! - 8!)/9) &= ((9 + 8!) \times 7) + (6! + (((5! + (4!/3))^2) + 1)) \\
 299409 &:= (1 + (2 \times (3!^4 \times (5! - 6!)))) - ((7! - 8!)/9) &= (((9 + 8!) \times 7) - 6) - (5! - (4! \times (3!! - (2 \times 1)))) \\
 299410 &:= (1 + (2 \times (((3! - 4) + 5^6) \times 7) + 8!)) - 9 &= (((9 + 8!) \times 7) - 6) - (5! - ((4! \times (3!! - 2)) + 1)) \\
 299411 &:= (1 + 2^{3!} \times 4!) + (5^6 + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (((6! - 5) \times 4 \times 3!) + 2))) \times 1 \\
 299412 &:= (1 \times 2 + 3!)! - ((4 - ((5 \times (6! + 7!)) - 8)) \times 9) &= (9 + (8! \times 7 + (((6! - 5) \times 4 \times 3!) + 2))) + 1 \\
 299413 &:= (1 + (2 + 3!))! - ((4 - ((5 \times (6! + 7!)) - 8)) \times 9) &= (9 + (8! \times 7 + (((6! - 5) \times 4!) + (3! - 2)))) \times 1 \\
 299414 &:= (1 + (2 \times (3! \times 4! + 5!))) \times ((6 + 7!) - 8!/9) &= ((9 + 8!) \times 7!/6!) - (5! - ((4! \times (3!! - 2)) - 1)) \\
 299415 &:= (((1 + 2) + 3!!) \times 4!) - 5! + (6 + (7 \times (8! - 9))) &= ((9 + 8!) \times 7) + (((6 \times 5!) + 4!) \times ((3! - 2)! - 1)) \\
 299416 &:= (((1 + 2^{3!}) \times 4!) + 5^6) + (7 \times 8! - 9) &= ((9 + 8!) \times 7!/6!) - (5! - ((4! \times (3!! - 2)) + 1)) \\
 299417 &:= 1 + ((2 \times (3!! + 4!)) + (5^6 + (7 \times (8! + 9)))) &= (9 - (8 \times ((7 - ((6 + (5 \times 4) \times 3!!)) \times 2))) \times 1 \\
 299418 &:= 1 + ((2 \times (((3!! \times (4 \times 5 + 6)) - 7) \times 8)) + 9) &= (9 - (8 \times ((7 - ((6 + (5 \times 4) \times 3!!)) \times 2))) + 1 \\
 299419 &:= 1 \times ((2 \times ((3! + 4) + (5^6 \times 7 + 8!))) + 9) &= (9 + 8! \times 7) + (((6! - 5) \times 4!) + (3^2 + 1)) \\
 299420 &:= 1 + ((2 \times ((3! + 4) + (5^6 \times 7 + 8!))) + 9) &= (((9 + 8!) \times 7) + (6 - 5!)) + ((4! \times (3!! - 2)) - 1) \\
 299421 &:= (1 - 2^{3!}) - (4 \times ((5! \times (6 - 7!/8)) + 9)) &= (((9 + 8!) \times 7) + (6 - 5!)) + (4! \times (3!! - (2 \times 1))) \\
 299422 &:= (1 + ((2 + 3^4) \times (5 \times 6!))) + (7!/8 - 9) &= (((9 + 8!) \times 7) + (6 - 5!)) + ((4! \times (3!! - 2)) + 1) \\
 299423 &:= (1 \times 2 + (3! \times (4! \times 5! - 6))) + (7 \times (8! - 9)) &= (98 \times ((7!/6! + 5!) \times 4!)) + (3!! - (2 - 1)) \\
 299424 &:= 1 - ((2 \times ((3 - 4!) - (5^6 \times 7 + 8!))) + 9) &= (9 \times (8! - 7!) - (6! + 5!)) - (4! \times (3!! - (2 - 1))) \\
 299425 &:= ((1 + (2 + 3!))! - 4!) + (((5 \times (6! + 7!)) - 8) \times 9) &= (9 - 8) \times (7 \times ((6! + 5) \times ((4! + 3!) \times 2) - 1)) \\
 299426 &:= (((1 + ((2 - 3!!) \times (4! + 5))) + 6^7) + 8!) - 9 &= ((9 + 8!) \times 7) + (((6! - 5) \times 4!) - (3!^2 + 1)) \\
 299427 &:= 1 + (2 \times (((3!! \times (4 \times 5 + 6)) - 7) \times 8) + 9) &= ((9 + 8! \times 7) - 6) - (5! - (4! \times (3!! + (2 - 1)))) \\
 299428 &:= (1 + (2 \times (((3! - 4) + 5^6) \times 7) + 8!)) + 9 &= ((9 + 8!) \times 7) + (((6! - 5) \times 4!) - (3!^2 - 1)) \\
 299429 &:= 1 + (2 \times ((3! + 4) + (5^6 \times 7 + 8! + 9))) &= (9 + 8! - (7 - ((6! \times 5! - 4!) \times 3))) - 21 \\
 299430 &:= (1 - ((2 - 3!!) \times 4!)) + (5!/6 + (7 \times (8! - 9))) &= (9 \times (8 + 7)) \times (((6! - (5 - 4!)) \times 3) + (2 - 1)) \\
 299431 &:= (1 + (((2 \times 3! \times 4!) + 5!) \times 6!)) + ((7!/8) \times 9) &= (((9 + 8!) \times 7) + (((6! - 5) \times 4!) - 32)) \times 1 \\
 299432 &:= 1 \times 2 \times ((3 \times 4) + (5^6 \times 7 + 8! + 9)) &= (9 + 8! \times 7) - (6!/5 - ((4! \times (3!! + 2)) - 1)) \\
 299433 &:= (((1 \times 2 + 3!!) \times 4!) - 5!) - (6 - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) + (6 \times ((5! \times 4!) - ((3! - 2)! + 1))) \\
 299434 &:= ((1 + ((2 + 3!!) \times 4!)) - 5!) - (6 - (7 \times 8! - 9)) &= (9 + 8! \times 7) - (6!/5 - ((4! \times (3!! + 2)) + 1)) \\
 299435 &:= 1 \times ((2 \times (3 + 4!) + (5^6 \times 7 + 8!))) - 9 &= (9 + 8! - ((7 - (6! \times 5! - 4!)) \times 3)) - (2 - 1) \\
 299436 &:= 1 + ((2 \times (3 + 4!) + (5^6 \times 7 + 8!))) - 9 &= (9 + 8! - ((7 - (6! \times 5! - 4!)) \times 3)) \times (2 - 1) \\
 299437 &:= 1 + (2 \times (((3! - 4) + 5^6) \times 7) + 8! + 9) &= (9 + 8! - (((7 - (6! \times 5! - 4!)) \times 3) - 2)) - 1 \\
 299438 &:= 1 \times 2 - ((3 \times (4! - ((5! \times 6!) - 7))) - 8! - 9) &= (9 + 8! - (((7 - (6! \times 5! - 4!)) \times 3) - 2)) \times 1 \\
 299439 &:= (1 \times 2 + 3!! \times 4!) - (5!/6 - (7 \times (8! - 9))) &= (9 + 8! - (((7 - (6! \times 5! - 4!)) \times 3) - 2)) + 1 \\
 299440 &:= (1 + ((2 + 3^4) \times (5 \times 6!))) + (7!/8 + 9) &= (((9 + 8!) \times 7) - (6! \times 5)) + (((4! \times 3!)^2) + 1) \\
 299441 &:= (((1 + 2) \times (3 - (4! - (5! \times 6!)))) - (7 - 8!)) - 9 &= (((9 + 8!) \times 7) - 6!/5) + ((4! \times 3!!) + 2 \times 1)
 \end{aligned}$$

$$\begin{aligned}
 299442 &:= 1 \times 2 \times (((3!! \times (4! - 5)) - (6 - 7!)) \times 8) + 9 &= (9 + (8 \times (7! - (6 + ((5 - 4!) \times 3!)))) \times 2 \times 1 \\
 299443 &:= (((1 \times 2 - 3!!) \times (4! + 5)) + 6^7) + (8! + 9) &= (9 \times (8! - 7!) - (6! + 5)) - (4! \times (3 + (2 + 1)!)) \\
 299444 &:= 1 \times ((2 + 3!)! - (4 - (((5 \times (6! + 7!)) - 8) \times 9))) &= (9 + 8! \times 7) + (((6! - 5) \times 4!) + 3!^2) - 1 \\
 299445 &:= ((1 + (2 + 3!)!) - 4) + (((5 \times (6! + 7!)) - 8) \times 9) &= (9 + 8! \times 7) - (6 \times (5 - ((4 \times (3!! - 2)) - 1))) \\
 299446 &:= ((1 + ((2 + 3!) \times 4!)) - 5!) + ((6 + 7 \times 8!) - 9) &= (9 + 8! \times 7) + (((6! - 5) \times 4!) + (3!^2 + 1)) \\
 299447 &:= (1 - 2 - (3 \times (4! - (5! \times 6!)))) + ((7 - 8 + 9))! &= (9 \times (8 + 7!)) + (((6 + 5!) \times (4!/3!))^2) - 1 \\
 299448 &:= (1 - 2^{3!}) - ((4 \times (5! \times (6 - 7!/8))) + 9) &= (9 + 8! - (7 - ((6! \times 5! - 4!) \times 3))) - 2 \times 1 \\
 299449 &:= 1 + 2 \times 3!! + ((4! \times 5! + (6 \times 7! - 8)) \times 9) &= 9 - (8 \times ((7 - (6 \times (5^4))) \times (3^2 + 1))) \\
 299450 &:= (1 - (2 \times (3 + 4!))) \times (5!/6 - ((7!/8) \times 9)) &= ((9 + 8! \times 7) - 6) - (5! - ((4! \times (3!! + 2)) - 1)) \\
 299451 &:= (((1 \times 2 + 3!!) \times 4!) - 5!) - (6 - (7 \times 8! + 9)) &= (9 + 8! \times 7) + (6 \times ((5! \times 4!) - (3! \times 2 + 1))) \\
 299452 &:= ((1 + ((2 + 3!) \times 4!)) - 5!) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - (5! - ((4! \times (3!! + 2)) + 1)) \\
 299453 &:= (1 + ((2 + 3!)! + 4)) + (((5 \times (6! + 7!)) - 8) \times 9) &= ((9 + 8!) \times 7) + (((6! - 5) \times 4!) - (3^2 + 1)) \\
 299454 &:= (1 + ((2 + 3^4) \times (5 \times 6! + 7))) + 8 \times 9 &= ((9 + 8 \times 7!) \times 6) + (5! \times ((4 \times ((3 + 2)!)) - 1)) \\
 299455 &:= 1 \times 2^{3!} - ((4! \times (5 - 6!)) - (7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6) - (5! - ((4! \times 3!!) - (2 \times 1))) \\
 299456 &:= (1 + 2^{3!}) - ((4! \times (5 - 6!)) - (7 \times 8! - 9)) &= ((9 + (8! \times 7!/6!)) - 5!) + ((4! \times (3!! + 2)) - 1) \\
 299457 &:= (1 \times 2 + 3!)! - (((4! - 5!) \times 6!) + 7 + 8!) \times 9 &= ((9 + (8! \times 7!/6!)) - 5!) + (4! \times (3!! + 2 \times 1)) \\
 299458 &:= (1 + (2 + 3!)!) - (((4! - 5!) \times 6!) + 7 + 8!) \times 9 &= ((9 + (8! \times 7!/6!)) - 5!) + ((4! \times (3!! + 2)) + 1) \\
 299459 &:= ((1 \times 2 + 3!! \times 4!) - 5!) - (6 - (7 \times (8! + 9))) &= 9 - (((8 - 7!/6) \times 5!) + 4!) \times 3 - (2 \times 1) \\
 299460 &:= (1 \times 2 + 3!! \times 4!) - ((5 - 6) - (7 \times (8! - 9))) &= ((9 + (8 \times (7 \times 6))) \times (5! + 4)) \times (3! + (2 - 1)) \\
 299461 &:= ((1 + 2) + 3!! \times 4!) - ((5 - 6) - (7 \times (8! - 9))) &= ((9 + 8!) \times 7!/6! - (5! - ((4! \times 3!!) - (2 \times 1))) \\
 299462 &:= (1 - ((2 - 3!!) \times 4!)) - (5!/6 - (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6 - 5!))) + ((4! \times (3!! + 2)) - 1) \\
 299463 &:= (1 - (((2 - 3!!) \times 4!) - 5)) - (6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6 - 5!))) + (4! \times (3!! + 2 \times 1)) \\
 299464 &:= ((1 + ((2 + 3!) \times 4!)) - 5!) + (6 + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6 - 5!))) + ((4! \times (3!! + 2)) + 1) \\
 299465 &:= (1 - (((2 - 3!!) \times 4!) + 5)) + ((6 + 7 \times 8!) - 9) &= (9 \times (((8!/7) - 6) \times 5) + 4!) + ((3! + 2)! - 1) \\
 299466 &:= (1 - 2^{3!}) - ((4 \times (5! \times (6 - 7!/8))) - 9) &= (9 \times (8! - 7!) - (6! + 5)) - ((4! \times (3!! + 2)) + 1) \\
 299467 &:= ((1 + 2 \times 3!!) \times (4! - 5)) + ((6 \times 7! - 8) \times 9) &= (((9 + 8!) \times 7) + (((6! - 5) \times 4!) + (3! - 2))) \times 1 \\
 299468 &:= (1 - (((2 + 3!) \times 4!) + (5 + 6!))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - (6! + 5)) - ((4! \times (3!! + 2)) - 1) \\
 299469 &:= ((1 + 2) \times (3! + 4)^5) + (((6! - 7!)/8) + 9) &= (9 + 8! \times 7) + (6 \times ((5! \times 4!) - (3^2 + 1))) \\
 299470 &:= (1 - ((2 - (3!! \times 4 - 5)) \times 6)) + (7 \times 8! - 9) &= ((9 + 8! \times 7) - 6) - (5 - (4! \times (3!! - (2 \times 1)))) \\
 299471 &:= (1 - (((2 - 3!!) \times 4!) + 5)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) - (5 - ((4! \times (3!! - 2)) + 1)) \\
 299472 &:= ((1 \times 2 + 3!)! + 4!) + (((5 \times (6! + 7!)) - 8) \times 9) &= (((9 - (8 - 7)))! - (6 + (5! \times 4!))) \times (3! + 2 \times 1) \\
 299473 &:= (1 + ((2 + 3!)! + 4!)) + (((5 \times (6! + 7!)) - 8) \times 9) &= ((9 + 8!) \times 7) + (((6! - 5) \times 4!) + (3^2 + 1)) \\
 299474 &:= (1 + 2^{3!}) - ((4! \times (5 - 6!)) - (7 \times 8! + 9)) &= (9 + 8! \times 7) + ((6 \times ((5! \times 4!) - 3^2)) - 1) \\
 299475 &:= (1 - (((2 - 3!!) \times 4!) - 5)) + ((6 + 7 \times 8!) - 9) &= ((9 + (8! \times 7!/6!)) - 5) + ((4! \times (3!! - 2)) - 1) \\
 299476 &:= ((1 + 2 \times 3!) - (4! \times (5 - 6!))) + (7 \times (8! + 9)) &= ((9 + 8! \times 7) - 6!/5!) + ((4! \times (3!! - 2)) + 1) \\
 299477 &:= 1 - ((2 + (3 \times (4! - ((5! \times 6!) + 7)))) - 8! - 9) &= ((9 + (8! \times 7!/6!)) - 5) + ((4! \times (3!! - 2)) + 1) \\
 299478 &:= (1 - (((2 + 3!) \times 4!) - (5 - 6!))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - 6! + 5) - ((4! \times (3!! + 2)) - 1) \\
 299479 &:= (1 \times 2 + 3!! \times 4!) + (5!/6 + (7 \times (8! - 9))) &= ((9 + 8! \times 7) - 6) + ((5 + (4! \times (3!! - 2))) - 1) \\
 299480 &:= 1 \times 2 - ((3 \times (4! - ((5! \times 6!) + 7))) - 8! - 9) &= 9 - (((8!/7!) \times ((6 + (5! \times 4!)) - (3! + 2)!)) + 1)
 \end{aligned}$$

$$\begin{aligned}
 299481 &:= (1 + 2 \times 3!) \times ((4 \times (5 + (6! + 7! - 8))) + 9) &= (9 + 8! \times 7 + 6) - (5 - ((4! \times (3!! - 2)) - 1)) \\
 299482 &:= 1 \times (((2 + 3!)/4!) + (5^6 + (7 \times (8! - 9)))) &= (9 + 8! \times 7) - (((6 - (5!/4)) \times (3!! - 2)) - 1) \\
 299483 &:= (1 - ((2 - 3!!) \times 4!) + 5) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) - (5 - ((4! \times (3!! - 2)) + 1)) \\
 299484 &:= (1 - ((2 - 3!!) \times 4!)) + (5!/6 + 7 \times 8! - 9) &= ((9 - 8) + (7 \times (6! + 5))) \times (((4! + 3!) \times 2) - 1) \\
 299485 &:= (1 + (2 + 3!)) - (4 \times ((5! \times ((6! - 7!)/8)) + 9)) &= (9 + ((8! \times 7!/6!) + 5)) + ((4! \times (3!! - 2)) - 1) \\
 299486 &:= (1 + ((2 + 3!!) \times 4!)) - (5!/6 - (7 \times (8! - 9))) &= (9 + 8! \times 7) - ((6 \times (5 - (4 \times 3!! - 2))) + 1) \\
 299487 &:= ((1 + 2)! \times (3!! \times 4 - 5)) + ((6 + 7 \times 8!) - 9) &= (9 + ((8! \times 7!/6!) + 5)) + ((4! \times (3!! - 2)) + 1) \\
 299488 &:= (1 - ((2 - (3!! \times 4 - 5)) \times 6)) + (7 \times 8! + 9) &= (9 + (8! \times 7 + (6!/5!))) + ((4! \times (3!! - 2)) + 1) \\
 299489 &:= (1 \times 2 + 3!! \times 4!) + (5 \times 6 + (7 \times (8! - 9))) &= 9 - ((8!/7!) \times ((6 + (5! \times 4!)) - ((3! + 2)! + 1))) \\
 299490 &:= (((1 + 2)^3) - (4! \times (5 - 6!))) + (7 \times (8! + 9)) &= (9 + 8! \times 7) - (((6 - (5! \times 4!)) \times 3!) + (2 + 1)) \\
 299491 &:= (1 - 2 - (3 \times (4 - (5! \times 6!)))) - (7 - 8! + 9) &= (9 + 8! \times 7 + 6) + ((5 + (4! \times (3!! - 2))) - 1) \\
 299492 &:= 1 \times 2 + 3! - (4 \times ((5! \times (6 - 7!/8)) + 9)) &= 9 + 8! + (((((7! + 6!) \times 5) - 4) \times (3^2)) - 1) \\
 299493 &:= (1 - 2^{3!}) - (4 \times ((5! \times (6 - 7!/8)) - 9)) &= (9 + 8! \times 7 + 6) + (5 + ((4! \times (3!! - 2)) + 1)) \\
 299494 &:= (((1 \times 2 + 3!!) \times 4!) - 5) - (6 - (7 \times (8! - 9))) &= 9 + 8! + (((((7! + 6!) \times 5) - 4) \times (3^2)) + 1) \\
 299495 &:= ((1 + ((2 + 3!!) \times 4!)) - 5) - (6 - (7 \times (8! - 9))) &= ((9 \times ((8!/7!) \times (6! \times 5))) - 4!) + ((3! + 2)! - 1) \\
 299496 &:= ((1 + 2)! + 3!) - (4 \times ((5! \times (6 - 7!/8)) + 9)) &= ((9 \times ((8!/7!) \times (6! \times 5))) - 4!) + (3! + 2 \times 1)! \\
 299497 &:= 1 + 2 \times 3! - (4 \times ((5! \times (6 - 7!/8)) + 9)) &= ((9 \times ((8!/7!) \times (6! \times 5))) - 4!) + ((3! + 2)! + 1) \\
 299498 &:= 1 \times 2 - ((3 \times (4 - ((5! \times 6!) - 7))) - 8! - 9) &= ((9 + 8!) \times 7) + (((6! - 5) \times 4!) + 3!^2) - 1) \\
 299499 &:= (((1 + 2)!! - 3!) \times 4!) + 5! - (6 - (7 \times 8! + 9)) &= ((9 + 8!) \times 7) - (6 \times (5 - ((4 \times (3!! - 2)) - 1))) \\
 299500 &:= 1 - 2 \times 3! - ((4 \times (5! \times (6 - 7!/8))) + 9) &= ((9 + 8!) \times 7) + (((6! - 5) \times 4!) + (3!^2 + 1)) \\
 299501 &:= 1 \times 2 - ((3 \times (4 - (5! \times 6!))) - 7! \times 8 + 9) &= ((9 + 8! \times 7) - 6 \times 5) + ((4! \times 3!!) + 2 \times 1) \\
 299502 &:= (1 - ((2 - 3!!) \times 4!)) + (5!/6 + (7 \times 8! + 9)) &= (9 \times (8! - 7!) - 6!) - ((5! \times 4! + 3) \times (2 + 1)!) \\
 299503 &:= ((1 + 2) + 3!! \times 4!) - (5 + 6 - (7 \times 8! - 9)) &= (((9 + 8) \times (7 + 6!)) + 5!) \times 4! + (3! + (2 - 1)) \\
 299504 &:= (((1 \times 2 + 3!!) \times 4!) + 5) - (6 - (7 \times (8! - 9))) &= (((9 + 8!) \times 7) - 6) - (5! - ((4! \times (3!! + 2)) - 1)) \\
 299505 &:= (1 + (((2 + 3!!) \times 4!) + 5)) - (6 - (7 \times (8! - 9))) &= ((9 + 8!) \times 7) + (6 \times ((5! \times 4!) - (3! \times 2 + 1))) \\
 299506 &:= ((1 + ((2 + 3!!) \times 4!)) - 5!) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6) - (5! - ((4! \times (3!! + 2)) + 1)) \\
 299507 &:= ((1 + ((2 + 3!!) \times 4!)) - 5) + (6 + (7 \times (8! - 9))) &= (9 \times (8! - 7!)) - ((6 \times (5! + ((4 \times 3!!) + 2))) + 1) \\
 299508 &:= 1 - (2 - (3!! \times 4! - (5!/6 - (7 \times 8! + 9)))) &= 9 + 8! - 7 + (((6! \times 5! - 4) \times 3) - (2 \times 1)) \\
 299509 &:= (1 - ((2 + ((3!! \times 4) + 5!)) \times 6)) - ((7! - 8!) \times 9) &= 9 + 8! - 7 + (((6! \times 5! - 4) \times 3) - (2 - 1)) \\
 299510 &:= 1 \times 2 + ((3 \times ((4! \times (5 \times 6!)) - 7)) + 8! + 9) &= (9 + 8! \times 7) - ((6 \times (5 - ((4 \times 3!!) + 2))) + 1) \\
 299511 &:= (1 \times 2 + 3!)! - ((4 \times (5! \times ((6! - 7!)/8))) + 9) &= ((9 \times 8 \times 7) \times (6! - 5!)) - ((4 \times (3!! + 2)) + 1) \\
 299512 &:= (1 + (2 + 3!))! - ((4 \times (5! \times ((6! - 7!)/8))) + 9) &= (9 + (8! \times 7 + (6 \times 5))) + ((4! \times (3!! - 2)) + 1) \\
 299513 &:= (1 - ((2 + 3!!) \times 4)) - ((5! - 6!) \times 7 \times 8 \times 9) &= (((9 \times (8!/7)) - 6) \times 5) + 4! + ((3! + 2)! - 1) \\
 299514 &:= (1 - 2^{3!}) + ((4! \times (5 + 6!)) + (7 \times (8! - 9))) &= (((9 \times (8!/7)) - 6) \times 5) + 4! + (3! + 2 \times 1)! \\
 299515 &:= ((1 - 2) + (3 \times (4 + (5! \times 6!)))) - (7 - 8! + 9) &= ((9 \times ((8!/7!) \times (6! \times 5))) - 4) + ((3! + 2)! - 1) \\
 299516 &:= (1 - ((2 - 3!!) \times 4!)) - (5!/6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6 - 5!)) + ((4! \times (3!! + 2)) - 1) \\
 299517 &:= (1 + (((2 + 3!!) \times 4!) + 5)) + (6 + (7 \times (8! - 9))) &= ((9 \times ((8!/7!) \times (6! \times 5))) - 4) + ((3! + 2)! + 1) \\
 299518 &:= 1 - 2 \times 3! - ((4 \times (5! \times (6 - 7!/8))) - 9) &= (((9 + 8!) \times 7) + (6 - 5!)) + ((4! \times (3!! + 2)) + 1) \\
 299519 &:= 1 \times 2 + 3! - ((4 \times (5! \times (6 - 7!/8))) + 9) &= ((9 \times (8!/7)) + (6! \times 5!)) + ((4 \times (3! + 2)! - 1) \\
 299520 &:= ((1 + ((2 \times 3! \times 4!) + 5!)) \times 6!) + ((7! + 8!)/9) &= (9 \times (8!/7)) - (6! \times ((5 + ((4! - 3!!)/2)) - 1))
 \end{aligned}$$

$$\begin{aligned}
 299521 &:= (1 - 2 \times 3!) + (4 \times (5! \times ((6 + 7!/8) - 9))) &= ((9 \times (8!/7)) + (6! \times 5!)) + ((4 \times (3! + 2)!) + 1) \\
 299522 &:= ((1 + (2 \times 3!^4)) \times (5! - 6)) - ((7! - 8!)/9) &= (9 + (8! + 7)) + (((6! \times 5! - 4) \times 3) - (2 \times 1)) \\
 299523 &:= (1 - 2 - (3 \times (4 - (5! \times 6!)))) + (7 + 8! + 9) &= ((9 + 8!) \times 7) + (6 \times ((5! \times 4!) - (3^2 + 1))) \\
 299524 &:= 1 + 2 \times 3! - ((4 \times (5! \times (6 - 7!/8))) + 9) &= ((9 \times (8!/7)) + (6! \times 5!)) + (4 \times ((3! + 2)!) + 1) \\
 299525 &:= (1 - (((2 - 3!) \times 4!) + 5)) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) - 6) - (5 - ((4! \times (3!! - 2)) + 1)) \\
 299526 &:= (1 + ((2 + 3!) \times 4!)) + (5!/6 + (7 \times (8! - 9))) &= (9 + (8! + 7)) + (((6! \times 5! - 4) \times 3) + 2 \times 1) \\
 299527 &:= (1 \times 2 - (3!! \times 4!)) + (5 - (6! + ((7! - 8!) \times 9))) &= (((9 \times (8!/7)) + 6) \times 5) - 4! + ((3! + 2)!) + 1) \\
 299528 &:= (1 + 2^{3!}) - ((4! \times (5 - 6!)) - (7 \times (8! + 9))) &= ((9 + 8!) \times 7) + ((6 \times ((5! \times 4!) - 3^2)) - 1) \\
 299529 &:= (1 \times 2 + 3!)! - ((4 \times (5! \times ((6! - 7!/8))) - 9) &= (((9 + 8!) \times 7!/6!) - 5) + ((4! \times (3!! - 2)) - 1) \\
 299530 &:= (1 + (2 + 3!)!) - ((4 \times (5! \times ((6! - 7!/8))) - 9) &= (9 - (8 \times (7 - (6 \times (5^4)))))) \times (3^2 + 1) \\
 299531 &:= (1 \times 2 + 3!! \times 4!) - (((5 - 6) \times 7) \times 8!) - 9 &= (((9 + 8!) \times 7!/6!) - 5) + ((4! \times (3!! - 2)) + 1) \\
 299532 &:= (1 \times 2 + (3 \times (4 + (5! \times 6!)))) + (7 + 8! - 9) &= 9 + 8! - 7 + (((6! \times 5! + 4) \times 3) - (2 \times 1)) \\
 299533 &:= (1 + ((2 - ((3!! \times 4) + 5!)) \times 6)) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!)) - ((6 \times (5! + (4 \times 3!! - 2))) - 1) \\
 299534 &:= 1 + (2 + (3!! \times 4! + (5!/6 + 7 \times 8! - 9))) &= (9 + (8! + 7)) + ((6! \times (5 \times (4! \times 3))) - (2 \times 1)) \\
 299535 &:= (1 - (((2 - 3!) \times 4!) - 5)) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) - (5 - ((4! \times (3!! - 2)) - 1)) \\
 299536 &:= (1 - (((2 - 3!) \times 4!) - 5)) + (6 + (7 \times (8! - 9))) &= ((9 + 8!) \times 7) - (((6 - (5!/4)) \times (3!! - 2)) - 1) \\
 299537 &:= (1 + ((2 + 3)!/4!)) + (5^6 + 7 \times 8! - 9) &= (((9 + 8!) \times 7) + 6) - (5 - ((4! \times (3!! - 2)) + 1)) \\
 299538 &:= (1 \times 2 + (3 \times (4! \times (5 \times 6!)))) + (7 + 8! + 9) &= (9 + (8! + (7 + (6! \times (5 \times (4! \times 3)))))) + (2 \times 1) \\
 299539 &:= ((1 \times 2 + 3!) \times 4!) - (5!/6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7!/6!) + 5) + ((4! \times (3!! - 2)) - 1) \\
 299540 &:= (1 + ((2 + 3!) \times 4!)) - (5!/6 - (7 \times 8! - 9)) &= ((9 + 8!) \times 7) - ((6 \times (5 - (4 \times 3!! - 2))) + 1) \\
 299541 &:= ((1 + 2)! \times (3! + 4! \times 5!)) - (6 - (7 \times 8! - 9)) &= (((9 + 8!) \times 7!/6!) + 5) + ((4! \times (3!! - 2)) + 1) \\
 299542 &:= 1 + 2 \times 3! - ((4 \times (5! \times (6 - 7!/8))) - 9) &= (((9 + 8!) \times 7) + (6!/5!)) + ((4! \times (3!! - 2)) + 1) \\
 299543 &:= 1 - (2 - ((3 \times (4 + ((5! \times 6!) + 7))) + 8! - 9)) &= (9 \times (8! - 7!)) - (((6! + 5 + 4!) \times (3! - 2)!) + 1) \\
 299544 &:= 1 \times 2 \times (3 + (((4! - 5) \times (6! + 7!)) + 8! + 9)) &= ((9 + 8 \times 7!) - (6 + (5! \times 4!))) \times (3! + 2 \times 1) \\
 299545 &:= 1 - 2 \times 3! - (4 \times ((5! \times (6 - 7!/8)) - 9)) &= (((9 + 8!) \times 7) + 6) + ((5 + (4! \times (3!! - 2))) - 1) \\
 299546 &:= 1 \times (2 + ((3 \times (4 + ((5! \times 6!) + 7))) + 8! - 9)) &= 9 - ((8 \times ((7! + (6! \times (5 - 4^3))) - 2)) - 1) \\
 299547 &:= 1 + (2 + ((3 \times (4 + ((5! \times 6!) + 7))) + 8! - 9)) &= (((9 + 8!) \times 7) + 6) + (5 + ((4! \times (3!! - 2)) + 1)) \\
 299548 &:= ((1 + 2 \times 3!) \times (4! - 5)) + ((6 \times (7! + 8!)) + 9) &= (((9 + 8!) \times 7) + (6 \times (5! \times 4!))) - (3!^2 - 1) \\
 299549 &:= (1 + 2^{3!}) - (4 \times ((5! \times (6 - 7!/8)) + 9)) &= (9 + 8! \times 7) + ((6 \times (5! \times 4! + 3)) + 2 \times 1) \\
 299550 &:= 1 \times 2 \times (3! + (((4! - 5) \times (6! + 7!)) + 8! + 9)) &= (9 \times (8!/7)) + ((6! - (5!/4)) \times (3!!/2 - 1)) \\
 299551 &:= (1 \times 2 + 3!! \times 4!) + (5!/6 + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6 \times 5) + ((4! \times 3!!) - (2 \times 1)) \\
 299552 &:= 1 \times 2 - (3! + (4 \times ((5! \times (6 - 7!/8)) - 9))) &= (((9 \times (8!/7)) + 6) \times 5) + ((4!/3!) + 2 \times 1) \\
 299553 &:= (1 + 2) - (3! + (4 \times ((5! \times (6 - 7!/8)) - 9))) &= (((9 \times (8!/7)) + 6) \times 5) + 4 + ((3! + 2)! - 1) \\
 299554 &:= (1 + ((2 + ((3!! \times 4) + 5)) \times 6)) + (7 \times 8! - 9) &= (((9 \times (8!/7)) + 6) \times 5) + 4 + (3! + 2 \times 1)! \\
 299555 &:= (1 + ((2 + 3)!/4!)) + (5^6 + (7 \times 8! + 9)) &= ((9 + (8! + 7!)) \times 6) - ((5 - 4!) \times (3!! \times 2 - 1)) \\
 299556 &:= (1 - ((2 - 3!) \times 4!)) + (5!/6 + (7 \times (8! + 9))) &= (9 \times (((8!/7!) \times (6! \times 5)) + 4)) + (3! + 2 \times 1)! \\
 299557 &:= (1 + (2 + 3!)!) - ((4 - ((5 \times (6! + 7!)) + 8)) \times 9) &= (9 \times (((8!/7!) \times (6! \times 5)) + 4)) + ((3! + 2)! + 1) \\
 299558 &:= (1 + ((2 + 3!) \times 4!)) - (5!/6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6 \times (5! \times 4!))) - ((3! - 2)! + 1) \\
 299559 &:= (1 + (((2 + 3!) \times 4!) + 5)) - (6 - (7 \times 8! - 9)) &= (9 + (8! \times 7 + (6!/5!))) + (4! \times (3!! + (2 - 1))) \\
 299560 &:= (((1 \times 2 + 3!) \times 4!) - 5) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + (6 \times (5! \times 4!))) - ((3! - 2)! - 1)
 \end{aligned}$$

$$\begin{aligned}
 299561 &:= ((1 + ((2 + 3!!) \times 4!)) - 5) + ((6 + 7 \times 8!) - 9) &= (9 + (8! \times 7 + (6 \times 5))) + ((4! \times 3!!) + 2 \times 1) \\
 299562 &:= ((1 + 2) + 3!! \times 4!) + (5 \times 6 + (7 \times 8! + 9)) &= (9 \times (8! - 7!) - (6! + 5)) - ((4! \times (3!! - 2)) + 1) \\
 299563 &:= (((1 \times 2 - 3!!) \times 4!) - (5 + 6!)) - ((7! - 8!) \times 9) &= (9 + 8! \times 7) + ((6 \times (5! \times 4! + 3!)) - (2 \times 1)) \\
 299564 &:= ((1 + ((2 - 3!!) \times 4!)) - (5 + 6!)) - ((7! - 8!) \times 9) &= ((9 + 8!) \times 7) - ((6 \times (5 - ((4 \times 3!!) + 2))) + 1) \\
 299565 &:= 1 + (2 + ((3 \times (4 + ((5! \times 6!) + 7)))) + 8! + 9)) &= ((9 + 8! \times 7) - 6) - (5 - ((4! \times (3!! + 2)) - 1)) \\
 299566 &:= (1 - (2 \times 3! - (4! \times (5 + 6!)))) + (7 \times (8! - 9)) &= (((9 + 8!) \times 7) + (6 \times 5)) + ((4! \times (3!! - 2)) + 1) \\
 299567 &:= ((1 + ((2 + 3!!) \times 4!)) - 5) - (6 - (7 \times 8! + 9)) &= (9 \times (8! - 7!) - (6 \times 5!)) - ((4! \times (3!! - 2)) + 1) \\
 299568 &:= (1 - 2^{3!}) + ((4! \times (5 + 6!)) + 7 \times 8! - 9) &= (9 \times (8! - 7!) - (6 \times 5!)) - (4! \times (3!! - (2 \times 1))) \\
 299569 &:= ((1 + (2 + 3!)) - 4!) + (((5 \times (6! + 7!)) + 8) \times 9) &= 9 - (8 \times (7! + (6! - (5 \times ((4! \times 3!!/2) + 1)))))) \\
 299570 &:= (((1 \times 2 + 3!!) \times 4!) + 5) + ((6 + 7 \times 8!) - 9) &= ((9 + 8! \times 7) - 6!/5!) + ((4! \times (3!! + 2)) - 1) \\
 299571 &:= (1 + (((2 + 3!!) \times 4!) + 5)) + ((6 + 7 \times 8!) - 9) &= ((9 + (8! \times 7!/6!)) - 5) + ((4! \times (3!! + 2)) - 1) \\
 299572 &:= (1 + ((2 + ((3!! \times 4) + 5)) \times 6)) + (7 \times 8! + 9) &= (9 + 8! \times 7) + ((6 \times (5 + ((4 \times 3!!) + 2))) + 1) \\
 299573 &:= 1 \times (2 + (3!! \times 4! + (5! - (6 - (7 \times (8! - 9)))))) &= (((9 + 8!) \times 7) + (6 \times (5! \times 4!))) - (3^2 + 1) \\
 299574 &:= (1 + (((2 - 3!!) \times 4!) + (5 - 6!))) - ((7! - 8!) \times 9) &= (9 \times (8! - 7!) - 6! + 5) - ((4! \times (3!! - 2)) - 1) \\
 299575 &:= (1 + (2 \times (3!! \times (4! - 5)))) + (6 \times (7! + 8! + 9)) &= ((9 + (8! + 7!)) \times 6) - (((5 - 4!) \times 3!! \times 2) - 1) \\
 299576 &:= (1 + 2^{3!}) - ((4 \times (5! \times (6 - 7!/8))) + 9) &= (9 + ((8! + 7!) \times 6)) - (((5! - 4!^3) \times 2) + 1) \\
 299577 &:= (1 + (((2 + 3!!) \times 4!) + 5)) - (6 - (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) - (5 - ((4! \times (3!! + 2)) - 1)) \\
 299578 &:= (1 - (((2 - 3!!) \times 4!) - 5!)) - (6 - (7 \times 8! - 9)) &= (9 + ((8! + 7!) \times 6)) - (((5! - 4!^3) \times 2) - 1) \\
 299579 &:= ((1 + ((2 + 3!!) \times 4!)) - 5) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) - (5 - ((4! \times (3!! + 2)) + 1)) \\
 299580 &:= (1 + ((2 + 3!!) \times 4!)) + (5!/6 + 7 \times 8! - 9) &= (((9 + 8!) \times 7!/6!) - (5 - (4! \times 3!!))) + (2 \times 1) \\
 299581 &:= 1 \times (((2 - (3!! \times 4!)) \times (5 - 6)) + (7 \times (8! + 9))) &= (9 + ((8! \times 7!/6!) + 5)) + ((4! \times (3!! + 2)) - 1) \\
 299582 &:= 1 \times 2 + ((3 \times (4! + ((5! \times 6!) - 7))) + 8! + 9) &= (9 + (8! \times 7 + (6!/5!))) + ((4! \times (3!! + 2)) - 1) \\
 299583 &:= (1 \times 2 + 3!) - (((4! - 5!) \times 6!) - (7 - 8!)) \times 9 &= (9 + ((8! \times 7!/6!) + 5)) + ((4! \times (3!! + 2)) + 1) \\
 299584 &:= (1 + (2 + 3!)) - (((4! - 5!) \times 6!) - (7 - 8!)) \times 9 &= (9 + (8! \times 7 + (6!/5!))) + ((4! \times (3!! + 2)) + 1) \\
 299585 &:= 1 \times 2 + 3! + ((4! \times (5 + 6!)) + (7 \times (8! - 9))) &= (((9 - (8 - 7))^6) - (5! \times 4!)) + ((3! + 2)! + 1) \\
 299586 &:= (1 - 2^{3!}) + ((4! \times (5 + 6!)) + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + ((6 \times (5! \times 4!)) + (3! - 2))) - 1 \\
 299587 &:= (((1 + 2) - 3!!) \times 4!) - (5 + 6!)) - ((7! - 8!) \times 9) &= (9 + 8! \times 7 + 6) + ((5 + (4! \times (3!! + 2))) - 1) \\
 299588 &:= 1 - (2 - ((3! \times (4! \times 5!)) + (6 + (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7) + ((6 \times (5! \times 4!)) + (3! - 2))) + 1 \\
 299589 &:= ((1 + (2 + 3!)) - 4) + (((5 \times (6! + 7!)) + 8) \times 9) &= ((9 \times (8 + ((7! + 6!) \times 5))) - 4) + ((3! + 2)! + 1) \\
 299590 &:= (1 - (((2 - 3!!) \times 4!) - 5!)) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + ((6 \times (5! \times 4!)) + (3! + 2))) - 1 \\
 299591 &:= 1 \times (2 + ((3! \times (4! \times 5!)) + (6 + (7 \times (8! + 9)))))) &= (9 \times (8 + 7!)) + ((6! \times (5 - ((4! - 3!!)/2))) - 1) \\
 299592 &:= 1 + (2 + ((3! \times (4! \times 5!)) + (6 + (7 \times (8! + 9)))))) &= (((9 + 8!) \times 7) + ((6 \times (5! \times 4!)) + (3! + 2))) + 1 \\
 299593 &:= 1 + 2 \times 3!! + ((4! \times 5! + (6 \times 7! + 8)) \times 9) &= (((9 + 8!) \times 7) + (6 \times (5! \times 4!))) + 3^2 + 1 \\
 299594 &:= (1 + 2^{3!}) - ((4 \times (5! \times (6 - 7!/8))) - 9) &= ((9 + 8! \times 7) - (6 - 5!)) + ((4! \times (3!! - 2)) - 1) \\
 299595 &:= ((1 + 2!) \times (3 + 4! \times 5!)) - (6 - (7 \times (8! + 9))) &= ((9 \times (8 + ((7! + 6!) \times 5))) + 4) + ((3! + 2)! - 1) \\
 299596 &:= (1 - (((2 - 3!!) \times 4!) - 5!)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - (6 - 5!)) + ((4! \times (3!! - 2)) + 1) \\
 299597 &:= (1 + ((2 + 3!)) + 4) + (((5 \times (6! + 7!)) + 8) \times 9) &= ((9 \times (8 + ((7! + 6!) \times 5))) + 4) + ((3! + 2)! + 1) \\
 299598 &:= (1 + ((2 + 3!!) \times 4!)) + (5!/6 + (7 \times 8! + 9)) &= 9 - (((((8 - 7!/6) \times 5!) - 4!) \times 3) + (2 + 1)) \\
 299599 &:= 1 \times (((2 \times 3!! - 4^5) \times 6!) + (7 + 8 \times 9)) &= 9 - (((((8 - 7!/6) \times 5!) - 4!) \times 3) + 2 \times 1) \\
 299600 &:= (1 \times 2 - 3 \times 4!) \times (5! + ((6! - 7! \times 8)/9)) &= (9 + ((8! \times 7!/6!) + 5!)) + ((4! \times (3!! - 2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 299601 &:= ((1 \times 2 + 3!) \times 4!) - (5 \times 6 - (7 \times (8! + 9))) &= (9 + ((8! \times 7!/6!) + 5!)) + (4! \times (3!! - (2 \times 1))) \\
 299602 &:= 1 - (2 - (3!! \times 4! + (5!/6 + (7 \times (8! + 9)))) &= (9 + ((8! \times 7!/6!) + 5!)) + ((4! \times (3!! - 2)) + 1) \\
 299603 &:= 1 \times 2 + (((3 + 4! \times 5!) \times 6) + (7 \times (8! + 9))) &= 9 - (((((8 - 7!/6) \times 5!) - 4!) \times 3) - (2 \times 1)) \\
 299604 &:= (((1 + 2)^3) + (4! \times (5 + 6!))) + (7 \times (8! - 9)) &= 9 - (((((8 - 7!/6) \times 5!) - 4!) \times 3) - 2 - 1) \\
 299605 &:= 1 \times (2 + (3!! \times 4! + (5!/6 + (7 \times (8! + 9)))) &= 9 \times 8 + ((7 + 6) \times ((5! \times (4! \times (3! + 2))) + 1)) \\
 299606 &:= 1 + (2 + (3!! \times 4! + (5!/6 + (7 \times (8! + 9)))) &= (9 + 8! \times 7 + 6) + (5! + ((4! \times (3!! - 2)) - 1)) \\
 299607 &:= 1 - (2 - ((3 \times (4! + (5! \times 6!))) + (7 + 8! + 9))) &= (9 + (8! \times 7 + (6 \times 5!))) + (4! \times (3!! + 2 \times 1)) \\
 299608 &:= (1 - (((2 - 3!!) \times 4!) - 5!)) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + (5! + ((4! \times (3!! - 2)) + 1)) \\
 299609 &:= (1 + ((2 + 3!)/4!)) + (5^6 + (7 \times (8! + 9))) &= (9 + (8! + 7)) + (((6! \times 5! + 4!) \times 3) + (2 - 1)) \\
 299610 &:= 1 \times (2 + ((3 \times (4! + (5! \times 6!))) + (7 + 8! + 9))) &= (9 + (8 \times (7! - ((6!/5!)^4)))) \times (3^2 + 1) \\
 299611 &:= ((1 + 2 \times 3!) \times (4! - 5)) + ((6 \times 7! + 8) \times 9) &= (9 \times (8 + (7! \times 6))) - ((5 - 4!) \times (3!! \times 2 + 1)) \\
 299612 &:= (1 + ((2 + 3!!) \times 4!)) - (5!/6 - (7 \times (8! + 9))) &= (9 + (8! \times 7 + ((6! + 5) \times 4!))) - (3!^2 + 1) \\
 299613 &:= (((1 + 2)^{3!}) \times 4!) - (5! - ((6 + 7 \times 8!) - 9)) &= (((9 + 8!) \times 7) + (6!/5!)) + (4! \times (3!! + (2 - 1))) \\
 299614 &:= 1 \times (2 \times (((3!! \times (4 \times 5 + 6)) + 7) \times 8) - 9)) &= (9 + 8! \times 7) + (((6! + 5) \times 4!) - (3!^2 - 1)) \\
 299615 &:= 1 + (2 \times (((3!! \times (4 \times 5 + 6)) + 7) \times 8) - 9)) &= (9 \times (8 + ((7! + 6!) \times 5))) + (4! + ((3! + 2)! - 1)) \\
 299616 &:= ((1 \times 2 + 3!)! + 4!) + (((5 \times (6! + 7!)) + 8) \times 9) &= (9 \times (8 + ((7! + 6!) \times 5))) + (4! + (3! + 2 \times 1)!) \\
 299617 &:= (1 + ((2 + 3!)! + 4!)) + (((5 \times (6! + 7!)) + 8) \times 9) &= 9 - (8 - (7! + ((6! + (5! - 4!)) \times (3!!/2 + 1)))) \\
 299618 &:= 1 + ((2 - ((3^{4+5} + 6^7)) \times (8 - 9)) &= (((9 + 8!) \times 7) + (6 \times (5! \times 4!))) + (3!^2 - 1) \\
 299619 &:= ((1 \times 2 + 3!) \times 4!) + (5! - (6 - (7 \times (8! - 9)))) &= (((9 + 8!) \times 7) - 6) - (5 - ((4! \times (3!! + 2)) - 1)) \\
 299620 &:= (1 - (2 \times 3! - (4! \times (5 + 6!)))) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6 \times (5! \times 4!))) + 3!^2 + 1 \\
 299621 &:= (1 + 2^{3!}) - (4 \times ((5! \times (6 - 7!/8)) - 9)) &= ((9 + (8! + 7!)) \times 6) - (((5! - 4!^3) \times 2) + 1) \\
 299622 &:= ((1 + 2) \times (3! + (4! + ((5! \times 6!) + 7)))) + (8! - 9) &= ((9 + (8! + 7!)) \times 6) - ((5! - 4!^3) \times 2 \times 1) \\
 299623 &:= 1 \times ((2 \times (((3!! \times (4 \times 5 + 6)) + 7) \times 8)) - 9) &= ((9 + (8! + 7!)) \times 6) - (((5! - 4!^3) \times 2) - 1) \\
 299624 &:= 1 \times 2 + ((3 \times (4! + ((5! \times 6!) + 7))) + 8! + 9) &= (9 + (8! \times 7 + (6!/5))) + ((4! \times (3!! - 2)) - 1) \\
 299625 &:= 1 - (2 \times (((3! - 4!) - 5^6) \times 7) - 8! + 9)) &= (((9 + 8!) \times 7!/6!) - 5) + ((4! \times (3!! + 2)) - 1) \\
 299626 &:= (1 + ((2 + ((3!! \times 4) + 5)) \times 6)) + (7 \times (8! + 9)) &= ((9 + 8!) \times 7) + ((6 \times (5 + ((4 \times 3!!) + 2))) + 1) \\
 299627 &:= 1 \times (2 + (3!! \times 4! + (5! - (6 - (7 \times 8! - 9)))) &= (9 \times (8! - 7!)) - (((6 + 5!) \times ((4! \times 3!) - 2)) + 1) \\
 299628 &:= 1 \times (((2 - 3! \times 4!) \times (5! + 6)) - ((7! - 8!) \times 9)) &= (9 \times (8 + (((7! + 6!) \times 5) + 4))) + (3! + 2 \times 1)! \\
 299629 &:= (1 + (2 + 3!)!) + ((4 + ((5 \times (6! + 7!)) + 8)) \times 9) &= (9 \times (8! - 7!)) - (((6 + 5!) \times ((4! \times 3!) - 2)) - 1) \\
 299630 &:= 1 - (2 - ((3! \times (4 \times (5 + 6!))) + 7 \times 8! - 9)) &= (((9 + 8!) \times 7) - 6) + (5 + (4! \times (3!! + 2 \times 1))) \\
 299631 &:= (1 + (((2 + 3!!) \times 4!) + 5)) - (6 - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) - (5 - ((4! \times (3!! + 2)) - 1)) \\
 299632 &:= (1 + (((2 + 3!!) \times 4!) + (5! + 6))) + (7 \times (8! - 9)) &= ((9 + 8!) \times 7) - (((6 - (5!/4) \times (3!! + 2)) - 1) \\
 299633 &:= ((1 + ((2 + 3!!) \times 4!)) - 5) + (6 + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + 6) - (5 - ((4! \times (3!! + 2)) + 1)) \\
 299634 &:= 1 \times 2 \times (((3!! \times (4! - 5)) + (6 + 7!)) \times 8) + 9) &= (9 + (8 \times (7! + (6 - ((5 - 4!) \times 3!)))) \times 2 \times 1 \\
 299635 &:= ((1 + 2)!! + (3^4 \times (5 \times (6! + 7)))) + 8!/9 &= (((9 + 8!) \times 7!/6!) + 5) + ((4! \times (3!! + 2)) - 1) \\
 299636 &:= 1 - (2 - (3!! \times 4! + (5! + ((6 + 7 \times 8!) - 9)))) &= (((9 + 8!) \times 7) + (6!/5!)) + ((4! \times (3!! + 2)) - 1) \\
 299637 &:= (1 + 2) + (3 + ((4! \times (5 + 6!)) + 7 \times 8! - 9)) &= (9 \times (8! - 7!)) - (((6! - 5) \times 4!) + 3!! + 2)) - 1 \\
 299638 &:= (1 - (2 \times 3! - (4! \times (5 + 6!)))) + (7 \times 8! + 9) &= (9 \times (8! - 7!)) - (((6! - 5) \times 4!) + 3!! + 2)) \times 1 \\
 299639 &:= 1 \times 2 + 3! + ((4! \times (5 + 6!)) + 7 \times 8! - 9) &= (9 + 8! \times 7) + (((6! + 5) \times 4!) - (3^2 + 1))
 \end{aligned}$$

$$\begin{aligned}
 299640 &:= (1 - 2^{3!}) + ((4! \times (5 + 6!)) + (7 \times (8! + 9))) &= (9 \times 8 \times (7! - 6!)) - (5! \times ((4 \times (3! - 2)! - 1)) \\
 299641 &:= ((1 \times 2^{3!}) + (4! \times (5 + 6!))) + (7 \times (8! - 9)) &= (9 \times (8 + (7! \times 6))) - (((5! - 4!^3) \times 2) - 1) \\
 299642 &:= (1 + (2^{3!} + (4! \times (5 + 6!)))) + (7 \times (8! - 9)) &= (9 + (8 \times ((7 + ((6 + (5 \times 4)) \times 3!)) \times 2))) + 1 \\
 299643 &:= (1 + (((2 + 3!) \times 4!) + 5)) + (6 + (7 \times (8! + 9))) &= (9 + (8! \times 7 + (((6! + 5) \times 4!) - (3 + 2)))) - 1 \\
 299644 &:= 1 + 2 \times 3! + ((4! \times (5 + 6!)) + 7 \times 8! - 9) &= ((9 \times (8 + 7! - (6! \times 5))) - 4) \times ((3! - 2)! - 1) \\
 299645 &:= 1 \times (2 + (3! \times 4! + (5! - (6 - (7 \times 8! + 9)))))) &= 9 - (8 + 7! - ((6! + (5! + 4)) \times (3!/2 + 1))) \\
 299646 &:= 1 + (2 + (3! \times 4! + (5! - (6 - (7 \times 8! + 9)))))) &= (9 + (8! \times 7 + (((6! + 5) \times 4 \times 3!) - 2))) - 1 \\
 299647 &:= 1 \times (2^{3!} + ((4! \times 5! \times 6) + (7 \times (8! + 9)))) &= (9 + (8! \times 7 + (((6! + 5) \times 4 \times 3!) - 2))) \times 1 \\
 299648 &:= 1 - (2 - ((3! \times (4 \times (5 + 6!))) + (7 \times 8! + 9))) &= (((9 + 8!) \times 7) - (6 - 5!)) + ((4! \times (3! - 2)) - 1) \\
 299649 &:= 1 - ((2 + 3!) \times ((4 \times 5! \times 6) - (7 + 8! + 9))) &= (((9 + 8!) \times 7) - (6 - 5!)) + (4! \times (3! - (2 \times 1))) \\
 299650 &:= (1 + 2^{3!}) \times (4 + (5! + (6 + (7! \times 8/9)))) &= (((9 + 8!) \times 7) - (6 - 5!)) + ((4! \times (3! - 2)) + 1) \\
 299651 &:= 1 \times (((2 + 3!) \times 4!) + (5!/6 + (7 \times (8! + 9)))) &= (9 + (8! \times 7 + (((6! + 5) \times 4 \times 3!) + 2))) \times 1 \\
 299652 &:= (1 + ((2 + 3!) \times 4!)) + (5!/6 + (7 \times (8! + 9))) &= (9 + (8! \times 7 + (((6! + 5) \times 4 \times 3!) + 2))) + 1 \\
 299653 &:= 1 - ((2 - 3!) \times (4! - ((5! \times (6 - 7!/8)) - 9))) &= (9 + 8! \times 7 + 6) + (5! + ((4! \times 3!) - (2 \times 1))) \\
 299654 &:= 1 - (2 - (3! \times 4! + (5! + (6 + (7 \times 8! + 9)))))) &= (((9 + 8!) \times 7!/6!) + 5!) + ((4! \times (3! - 2)) - 1) \\
 299655 &:= ((1 + 2!)!) + (((3 - (4^5 - 6)) \times 7) + 8!) \times 9 &= (((9 + 8!) \times 7!/6!) + 5!) + (4! \times (3! - (2 \times 1))) \\
 299656 &:= (((1 + 2)! + 3!) \times 4!) - 5 + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7!/6!) + 5!) + ((4! \times (3! - 2)) + 1) \\
 299657 &:= 1 - ((2 + 3!) \times ((4 \times (5 + 6! - 7)) - 8! - 9)) &= ((9 + (8! \times 7 + ((6! + 5) \times 4!))) + 3^2) - 1 \\
 299658 &:= (((1 + 2)^3) + ((4! \times (5 + 6!)) + 7 \times 8!)) - 9 &= ((9 + (8! \times 7 + ((6! + 5) \times 4!))) + 3^2) \times 1 \\
 299659 &:= (((1 + 2)! - 3!) \times 4!) - (5 + 6!) - ((7! - 8!) \times 9) &= (9 + 8! \times 7) + (((6! + 5) \times 4!) + (3^2 + 1)) \\
 299660 &:= 1 \times (2 \times (3! \times 4! + (5^6 \times 7 + 8! - 9))) &= (((9 + 8!) \times 7) + 6 + 5!) + ((4! \times (3! - 2)) - 1) \\
 299661 &:= 1 + (2 \times (3! \times 4! + (5^6 \times 7 + 8! - 9))) &= (((9 \times 8 \times 7) \times (6! - (5! + 4))) - (3! + 2)) - 1 \\
 299662 &:= 1 + 2 \times 3! + ((4! \times (5 + 6!)) + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + 6 + 5!) + ((4! \times (3! - 2)) + 1) \\
 299663 &:= (1 + 2 \times 3!) \times ((4 \times (5 + 6! - 7!)) + 8! - 9) &= (9 \times ((8! - 7!) - (6^5/4))) - (3!/2 + 1) \\
 299664 &:= (1 \times 2 + 3!)! + ((4! + ((5 \times (6! + 7!)) - 8)) \times 9) &= (9 \times ((8! - 7!) - (6^5/4))) - (3!/2 \times 1) \\
 299665 &:= (1 + (2 + 3!)!) + ((4! + ((5 \times (6! + 7!)) - 8)) \times 9) &= (9 \times ((8! - 7!) - (6^5/4))) - (3!/2 - 1) \\
 299666 &:= 1 \times 2 - (3! + ((4 + 5! - 6!) \times 7 \times 8 \times 9)) &= (((9 + 8!) \times 7) + ((6! + 5) \times 4!)) - (3!^2 + 1) \\
 299667 &:= 1 - (2 \times (((3 - 4!) - 5^6) \times 7) - 8! + 9)) &= (((9 \times 8 \times 7) \times (6! - (5! + 4))) - (3! - 2)) + 1 \\
 299668 &:= (1 + (((23 + 4! \times 5!) \times 6) + 7 \times 8!)) + 9 &= ((9 + 8!) \times 7) + (((6! + 5) \times 4!) - (3!^2 - 1)) \\
 299669 &:= (1 \times 2 \times (3! \times 4! + (5^6 \times 7 + 8!))) - 9 &= (9 \times (8! - 7!) - 6! + 5) - (4! \times (3! - (2 + 1)!)) \\
 299670 &:= ((1 + 2)! - 3!) - ((4 + 5! - 6!) \times 7 \times 8 \times 9) &= (9 + (8! \times 7 + (6! \times 5))) + ((4!^3) - 2 - 1) \\
 299671 &:= (((1 + 2)^{3!}) \times 4!) - 56 + (7 \times 8! - 9) &= (9 + (8! \times 7 + (6! \times 5))) + ((4!^3) - (2 \times 1)) \\
 299672 &:= (((1 + 2)! + 3!) \times 4!) + 5 - (6 - (7 \times 8! + 9)) &= (9 + (8! \times 7 + ((6! + 5) \times 4!))) + ((3! - 2)! - 1) \\
 299673 &:= 1 \times (((2 + 3!) \times 4!) + (5! - (6 - (7 \times 8! - 9)))) &= 9 + 8! - (7! - (6^5 \times (4! + (3^2 + 1)))) \\
 299674 &:= 1 - (((2 + 3!)/4!) + ((5! - 6^7)/8)) \times 9 &= (9 + (8! \times 7 + (6!/5 + ((4! \times 3!) + 2)))) - 1 \\
 299675 &:= (((1 + 2)! + 3!) \times 4!) + 5!/6 + (7 \times 8! - 9) &= (9 + (8! \times 7 + (6!/5 + ((4! \times 3!) + 2)))) \times 1 \\
 299676 &:= (1 - (2 \times (((3 - 4!) - 5^6) \times 7) - 8!)) - 9 &= (9 + (8! \times 7 + (6!/5 + ((4! \times 3!) + 2)))) + 1 \\
 299677 &:= (1 + (2 + 3!)) - (4 \times ((5! \times (6 - 7!/8)) - 9)) &= (((9 + 8) \times ((7! + (6! + (5! - 4))) \times 3)) + 2) - 1 \\
 299678 &:= 1 \times (2 - (3 \times ((4 - (5! + (6! + 7!))) \times (8 + 9)))) &= (((9 + 8!) \times 7) + (6!/5)) + ((4! \times (3! - 2)) - 1)
 \end{aligned}$$

$$\begin{aligned}
 299679 &:= ((1+2)!) + ((3! \times ((4+5!) \times (6!+7) - 8!)) - 9) = (((9+8!) \times 7) + (6!/5) + (4! \times (3!! - (2 \times 1))) \\
 299680 &:= ((1 \times 2 + 3!)! + (4 \times (5 - 6!))) \times (7 - 8 + 9) = (((9+8!) \times 7) + (6!/5) + ((4! \times (3!! - 2)) + 1) \\
 299681 &:= (1 - (((2 - (3^4 \times 5)) \times 6!) - 7!)) + 8!/9 = 9 - (8 \times (7 - ((6 + (5 \times 4)) \times (3!! \times 2 + 1)))) \\
 299682 &:= 1 \times (2 \times ((3!! \times 4! + ((5 - 6) - 7!/8)) \times 9)) = (9 - ((8 - 7!/6) \times (5 \times 4))) \times (3 \times (2 + 1)!) \\
 299683 &:= 1 + (2 \times ((3!! \times 4! + ((5 - 6) - 7!/8)) \times 9)) = -9 - (8 - (((7 \times 6) + 5!) \times ((43^2) + 1))) \\
 299684 &:= (((1+2)! + 3!!) \times 4!) + 5 + (6 + (7 \times 8! + 9)) = (9 + (8! \times 7 + ((6! + 5) \times 4!))) + (3!^2 - 1) \\
 299685 &:= ((1 \times 2 + 3!!) \times 4!) + (5! + ((6 + 7 \times 8!) - 9)) = 9 - ((8 - ((7! + (6! + 5)) \times 4)) \times (3! \times 2 + 1)) \\
 299686 &:= (1 + (((2 + 3!!) \times 4!) + (5! + 6))) + (7 \times 8! - 9) = (9 + 8! \times 7) + (((6! + 5) \times 4!) + (3!^2 + 1)) \\
 299687 &:= (1 \times 2 \times (3! \times 4! + (5^6 \times 7 + 8!))) + 9 = (9 \times (8! - 7!) - (6! - (5! - (4! \times (3!! - 2)))) - 1 \\
 299688 &:= 1 \times 2 \times ((3!^4 \times 5!) - (6 + ((7!/8) \times 9))) = (9 \times (8! - 7!) - (6! - (5! - (4! \times (3!! - 2)))) \times 1 \\
 299689 &:= 1 \times (((2 + 3!) \times ((4 \times (5 - 6!)) + 7! \times 8)) + 9) = (9 \times (8! - 7!) - (6! - (5! - (4! \times (3!! - 2)))) + 1 \\
 299690 &:= 1 + (((2 + 3!) \times ((4 \times (5 - 6!)) + 7! \times 8)) + 9) = ((9 + 8! \times 7) - (6 - 5!)) + ((4! \times (3!! + 2)) - 1) \\
 299691 &:= ((1 \times 2 + 3!!) \times 4!) + (5! - (6 - (7 \times 8! + 9))) = ((9 + 8! \times 7) - (6 - 5!)) + (4! \times (3!! + 2 \times 1)) \\
 299692 &:= (1 + (((2 + 3!!) \times 4!) + (5! - 6))) + (7 \times 8! + 9) = ((9 + 8! \times 7) - (6 - 5!)) + ((4! \times (3!! + 2)) + 1) \\
 299693 &:= (((1+2)! + 3!!) \times 4!) + 5!/6 + (7 \times 8! + 9) = ((9 + 8!) \times 7) + (((6! + 5) \times 4!) - (3^2 + 1)) \\
 299694 &:= (1 - (2 \times (((3 - 4!) - 5^6) \times 7) - 8!)) + 9 = (((9 + 8!) \times 7) + ((6! + 5) \times 4!) - 3^2) \times 1 \\
 299695 &:= 1 - (2 \times (3 - (((4! \times 5! \times 6) - 7!/8) \times 9))) = (((9 + 8!) \times 7) + ((6! + 5) \times 4!) - 3^2) + 1 \\
 299696 &:= (1 + (2^{3!} + (4! \times (5 + 6!)))) + (7 \times 8! - 9) = (9 + ((8! + 7!) \times 6)) - (5! - (4!^3 \times 2 - 1)) \\
 299697 &:= 1 + ((2 + 3!) \times ((4 \times (5 - 6!)) - (7 - 8! - 9))) = (9 + ((8! + 7!) \times 6)) - (5! - (4!^3 \times 2 \times 1)) \\
 299698 &:= (1 + (2 + 3!)) + ((4! \times (5 + 6!)) + (7 \times (8! - 9))) = (9 + ((8! + 7!) \times 6)) - (5! - (4!^3 \times 2 + 1)) \\
 299699 &:= 1 \times (2 + (3!! \times 4! + (5! - (6 - (7 \times (8! + 9)))))) = (((9 + 8!) \times 7) + (((6! + 5) \times 4!) - (3! - 2))) \times 1 \\
 299700 &:= 1 + (2 + (3!! \times 4! + (5! - (6 - (7 \times (8! + 9)))))) = (9 + ((8 \times (7! \times 6))/5!)) \times (4 \times (3!^2 + 1)) \\
 299701 &:= (1 - (23 \times (4 \times 5))) + (67 \times (8!/9)) = (((9 + 8!) \times 7) + (((6! + 5) \times 4 \times 3!) - 2)) \times 1 \\
 299702 &:= 1 - (2 - ((3! \times (4 \times (5 + 6!))) + (7 \times (8! + 9)))) = 9 + 8! - 7 + (((6 \times 5!)/4) \times (3!! \times 2 + 1)) \\
 299703 &:= ((1 \times 2 + 3!!) \times 4!) + (5! + (6 + (7 \times 8! + 9))) = (9 + 8! \times 7 + 6) + (5! + (4! \times (3!! + 2 \times 1))) \\
 299704 &:= (1 + (((2 + 3!!) \times 4!) + (5! + (6 + 7 \times 8!)))) + 9 = (9 + 8! \times 7 + 6) + (5! + ((4! \times (3!! + 2)) + 1)) \\
 299705 &:= 1 \times (2 + ((3! \times (4 \times (5 + 6!))) + (7 \times (8! + 9)))) = (((9 + 8!) \times 7) + (((6! + 5) \times 4 \times 3!) + 2)) \times 1 \\
 299706 &:= 1 - ((2 \times (3! - (((4! + 5^6) \times 7) + 8!))) + 9) = (9 \times (8! - (7! + 6))) - ((5! \times 4) \times (3!^2 + 1)) \\
 299707 &:= (((1+2)^{3!} \times 4!) - (5!/6 - (7 \times 8! - 9))) = (((9 + 8!) \times 7) + (((6! + 5) \times 4!) + (3! - 2))) \times 1 \\
 299708 &:= 1 - (2 - (3!! \times 4! + (5! + (6 + (7 \times (8! + 9)))))) = (((9 + 8!) \times 7) + (((6! + 5) \times 4!) + (3! - 2))) + 1 \\
 299709 &:= (((1+2) + 3!!) \times 4!) + (5! + 6) + (7 \times 8! - 9) = 9 + 8! + (((7 - (6 - 5)))! / 4) \times (3!! \times 2 + 1) \\
 299710 &:= ((1+2)! + (((3+4)^5) + 6!)) + (7 \times (8! - 9)) = (((9 + 8!) \times 7) + (((6! + 5) \times 4!) + (3! + 2))) - 1 \\
 299711 &:= 1 - (2 \times (3!^4 - ((5 \times (6 \times 7! - 8)) - 9))) = (((9 + 8!) \times 7) + (((6! + 5) \times 4!) + (3! + 2))) \times 1 \\
 299712 &:= 1 - ((2 \times (3 - (((4! + 5^6) \times 7) + 8!))) + 9) = (((9 + 8!) \times 7) + (((6! + 5) \times 4!) + (3! + 2))) + 1 \\
 299713 &:= 1 - ((2 - (3! + 4!)) \times (((5! \times (6! - 7))/8) + 9)) = ((9 + 8!) \times 7) + (((6! + 5) \times 4!) + (3^2 + 1)) \\
 299714 &:= (1 + (2^{3!} + (4! \times (5 + 6!)))) + (7 \times 8! + 9) = (((9 + 8!) \times 7) + (((6! + 5) \times 4!) + (3! \times 2))) - 1 \\
 299715 &:= (1 - (2 \times (3 + 4!))) \times (((5 - (6! - 7)) \times 8) + 9) = (((9 + 8!) \times 7) + (((6! + 5) \times 4!) + (3! \times 2))) \times 1 \\
 299716 &:= 1 + 2 \times 3! + ((4! \times (5 + 6!)) + (7 \times (8! + 9))) = (9 + (8! + 7)) + (((6 \times 5!)/4) \times (3!! \times 2 + 1)) \\
 299717 &:= 1 \times ((2 \times (((3! \times 4) + 5^6) \times 7) + 8!)) - 9 = 9 + (8 + (((7 \times 6) + 5!) \times ((43^2) + 1)))
 \end{aligned}$$

$$\begin{aligned}
 299718 &:= 1 + ((2 \times (((3! \times 4) + 5^6) \times 7) + 8!)) - 9 &= (9 \times ((8 \times 7! + 6!) - ((5 + 4!)^3))) \times 2 \times 1 \\
 299719 &:= 1 - ((2 - ((3 \times 4^5) + (6 \times 7! - 8))) \times 9) &= (-9 \times (((8 + 7 \times 6) \times (54 - 3!)) - 2)) + 1 \\
 299720 &:= (1 - (2 \times (3! + 4!))) \times (5! - (6! + (7! \times 8/9))) &= (9 + (8! \times 7 + (6!/5))) + ((4! \times (3!! + 2)) - 1) \\
 299721 &:= (1 + (2 \times ((3! + 4!) \times (5 \times 6 + 7!)))) - 8!/9 &= (9 + (8! \times 7 + (6!/5))) + (4! \times (3!! + 2 \times 1)) \\
 299722 &:= 1 - (((2 + 3!) \times ((4! \times (5! + (6 - 7))) - 8!)) - 9) &= (9 + (8! \times 7 + (6!/5))) + ((4! \times (3!! + 2)) + 1) \\
 299723 &:= 1 \times ((2 \times (3 + (((4! + 5^6) \times 7) + 8!))) - 9) &= ((9 + ((8 \times (7 + 6)) \times 5!)) \times 4!) - (3! \times 2 + 1) \\
 299724 &:= (1 + (2 \times (3 + (((4! + 5^6) \times 7) + 8!)))) - 9 &= (((9 + 8!) \times 7) + (6!/5 + ((4! \times 3!!) - 2))) - 1 \\
 299725 &:= (((1 + 2)^{3!}) \times 4!) - (5!/6 - (7 \times 8! + 9)) &= (((9 + 8!) \times 7) + (6!/5 + ((4! \times 3!!) - 2))) \times 1 \\
 299726 &:= (1 \times 2 - 3^4) \times (5! + (6 + ((7! - 8!)/9))) &= (((9 + 8!) \times 7) + (6!/5 + ((4! \times 3!!) - 2))) + 1 \\
 299727 &:= ((1 + 2)!^3) - ((4 \times (5! \times (6 - 7!/8))) + 9) &= (((9 + 8!) \times 7!/6!) + 5!) + (4! \times (3!! + (2 - 1))) \\
 299728 &:= ((1 + 2 \times 3!) \times 4) \times (5 + (6! + (7! + (8 - 9)))) &= (((9 + 8!) \times 7) + (6!/5 + ((4! \times 3!!) + 2))) - 1 \\
 299729 &:= 1 \times ((2 \times (3! + (((4! + 5^6) \times 7) + 8!))) - 9) &= (((9 + 8!) \times 7) + (6!/5 + ((4! \times 3!!) + 2))) \times 1 \\
 299730 &:= 1 - ((2 \times (3 - (((4! + 5^6) \times 7) + 8!))) - 9) &= (((9 + 8!) \times 7) + (6!/5 + ((4! \times 3!!) + 2))) + 1 \\
 299731 &:= (((1 + 2)^{3!+4}) \times 5) + 6) + (7! \times 8/9) &= (((9 + ((8 \times (7 + 6)) \times 5!)) \times 4!) - 3) - 2 \times 1 \\
 299732 &:= 1 \times 2 \times ((3!!/4) + (5^6 \times 7 + 8! - 9)) &= (((9 + 8!) \times 7) + 6) + (((5! + 4 \times 3)^2) - 1) \\
 299733 &:= 1 - (2 \times (3! - (((4! + 5^6) \times 7) + 8! + 9))) &= (((9 + 8!) \times 7) + 6 + 5!) + (4! \times (3!! + (2 - 1))) \\
 299734 &:= (((1 + 2)^{3!}) \times 4!) - 5) - (6 - (7 \times 8! + 9)) &= (9 + 8! \times 7) + ((6! + 5^4) \times (3! \times 2 + 1)) \\
 299735 &:= (1 + 2)!! - ((3!! \times 4) + (5^6 + ((7! - 8!) \times 9))) &= ((9 + (((8 + 7) \times 6) \times 5!)) \times 4!) + ((3! + 2)! - 1) \\
 299736 &:= 1 - (((2 + 3!) \times ((4 \times ((5! \times 6) - 7)) - 8!)) + 9) &= 9 + 8! + (7! - (6^5 - ((4^3)^2) - 1)) \\
 299737 &:= (1 + (2 + 3!))! - ((4 - (5 \times 6! + 7)) \times 8 \times 9) &= ((9 + (((8 + 7) \times 6) \times 5!)) \times 4!) + ((3! + 2)! + 1) \\
 299738 &:= (((1 + 2)^{3!+4}) \times 5) + 6) + (7 + 8!/9) &= 9 + 8! + (7! - (6^5 - ((4^3)^2) + 1)) \\
 299739 &:= 1 - (2 \times (3 - (((4! + 5^6) \times 7) + 8! + 9))) &= (((9 + ((8 \times (7 + 6)) \times 5!)) \times 4!) + (3! - 2)) - 1 \\
 299740 &:= 1 \times (((2 + 3!)! / (4! - 5!)) + (67 \times (8!/9))) &= ((9 + 8!) \times 7) + (((6! + 5) \times 4!) + (3!^2 + 1)) \\
 299741 &:= (1 \times 2 \times ((3!!/4) + (5^6 \times 7 + 8!))) - 9 &= ((9 + (8! + 7!)) \times 6) - (5! - (4!^3 \times 2 - 1)) \\
 299742 &:= (1 + (2 \times ((3!!/4) + (5^6 \times 7 + 8!)))) - 9 &= (((9 + 8!) \times 7) + ((6! + ((5 \times 4)^3)) \times 2)) - 1 \\
 299743 &:= (((1 + 2)^{3!}) \times 4!) - 56) + (7 \times (8! + 9)) &= ((9 + (8! + 7!)) \times 6) - (5! - (4!^3 \times 2 + 1)) \\
 299744 &:= (((1 + 2)^{3!}) \times 4!) + 5) - (6 - (7 \times 8! + 9)) &= (9 \times ((8! - 7) - 6^5)) + (((4!^3)/2) - 1) \\
 299745 &:= 1 \times (((2 + 3!) \times 4!) + (5! - (6 - (7 \times (8! + 9)))))) &= (9 \times ((8! - 7) - 6^5)) + ((4!^3)/2 \times 1) \\
 299746 &:= (1 + ((2 + 3! \times 4!) \times 5!)) - (6 - (7 \times 8! - 9)) &= (9 \times ((8! - 7) - 6^5)) + (((4!^3)/2) + 1) \\
 299747 &:= 1 - (2 \times (3!^4 - ((5 \times (6 \times 7! - 8)) + 9))) &= (((9 + ((8 \times (7 + 6)) \times 5!)) \times 4!) + (3! \times 2)) - 1 \\
 299748 &:= (1 + (2 \times (3! + (((4! + 5^6) \times 7) + 8!)))) + 9 &= (((9 + ((8 \times (7 + 6)) \times 5!)) \times 4!) + (3! \times 2)) \times 1 \\
 299749 &:= 1 + 2 \times 3! + (4! \times ((5! \times ((6 + 7) \times 8)) + 9)) &= (9 + 8! \times 7) + ((6! - 5 \times 4) \times ((3! - 2)! + 1)) \\
 299750 &:= 1 \times (2 \times (3 + (((4! + 5^6) \times 7) + 8! + 9))) &= (((9 + 8!) \times 7!/6!) + 5!) + ((4! \times (3!! + 2)) - 1) \\
 299751 &:= 1 + (2 \times (3 + (((4! + 5^6) \times 7) + 8! + 9))) &= (((9 + 8!) \times 7!/6!) + 5!) + (4! \times (3!! + 2 \times 1)) \\
 299752 &:= (1 + (2^{3!} + 4!)) \times ((5! + (6 \times (7! - 8)))/9) &= (((9 + 8!) \times 7!/6!) + 5!) + ((4! \times (3!! + 2)) + 1) \\
 299753 &:= 1 \times (((2 + 3!)! - (4 \times ((5! \times 6) - 7))) \times 8) + 9 &= (9 + 8! \times 7) - (6! - (((5 \times (4! + 3))^2) - 1)) \\
 299754 &:= 1 + (((2 + 3!)! - (4 \times ((5! \times 6) - 7))) \times 8) + 9 &= (9 \times (8! - 7!) - 6) - ((5! \times 4) \times (3!^2 + 1)) \\
 299755 &:= (1 - 2) \times ((3^4 \times 5) - (67 \times (8!/9))) &= (9 + 8! \times 7) - (6! - (((5 \times (4! + 3))^2) + 1))
 \end{aligned}$$

$$\begin{aligned}
 299756 &:= 1 \times 2 \times (3! + ((4! + 5^6) \times 7) + 8! + 9) &= (((9 + 8!) \times 7) + 6 + 5!) + ((4! \times (3!! + 2)) - 1) \\
 299757 &:= ((1 \times 2 + 3! \times 4!) \times 5!) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + 6 + 5!) + (4! \times (3!! + 2 \times 1)) \\
 299758 &:= (1 + ((2 + 3! \times 4!) \times 5!)) + ((6 + 7 \times 8!) - 9) &= (((9 + 8!) \times 7) + 6 + 5!) + ((4! \times (3!! + 2)) + 1) \\
 299759 &:= (1 \times 2 \times ((3!!/4) + (5^6 \times 7 + 8!))) + 9 &= (9 \times (8 + (7! \times 6))) - (5! - (4!^3 \times 2 - 1)) \\
 299760 &:= (1 + (2 \times ((3!!/4) + (5^6 \times 7 + 8!)))) + 9 &= (9 \times (8 + (7! \times 6))) - (5! - (4!^3 \times 2 \times 1)) \\
 299761 &:= ((1 + ((2 - 3! \times 4!) \times 5!)) - 6!) - ((7! - 8!) \times 9) &= (9 \times (8 + (7! \times 6))) - (5! - (4!^3 \times 2 + 1)) \\
 299762 &:= (((1 + 2) \times 3!! - 4) \times 5!) + 6! - 7) + (8! + 9) &= ((9 + 8! \times 7) - 6) + ((5! \times ((4! \times 3!) + 2)) - 1) \\
 299763 &:= (((1 \times 2 + 3! \times 4!) \times 5!) - 6) + (7 \times 8! + 9) &= ((9 + 8! \times 7) - 6) + (5! \times ((4! \times 3!) + 2 \times 1)) \\
 299764 &:= (1 + ((2 + 3! \times 4!) \times 5!)) - (6 - (7 \times 8! + 9)) &= ((9 + 8! \times 7) - 6) + ((5! \times ((4! \times 3!) + 2)) + 1) \\
 299765 &:= (((1 + 2)^{3!}) \times 4!) + (5!/6 + (7 \times 8! + 9)) &= ((9 \times ((8!/7 + 6) \times 5)) - (4! - (3! + 2)!)) - 1 \\
 299766 &:= (((1 + 2) \times ((3 \times 4!) + ((5! \times 6!) + 7))) + 8!) + 9 &= ((9 \times (8! - 7!)) + 6) - ((5! \times 4) \times (3!^2 + 1)) \\
 299767 &:= 1 \times (2^{3!} + ((4! \times (5 + 6!)) + (7 \times (8! + 9)))) &= ((9 \times ((8!/7 + 6) \times 5)) - (4! - (3! + 2)!)) + 1 \\
 299768 &:= 1 \times (2 \times ((3!!/4) + (5^6 \times 7 + 8! + 9))) &= (9 + (8! \times 7 + (6! - 5) \times 4!)) + (3!!/2 - 1) \\
 299769 &:= 1 + (2 \times ((3!!/4) + (5^6 \times 7 + 8! + 9))) &= (9 + (8! \times 7 + 6!)) + ((5! \times 4) \times (3!^2 - 1)) \\
 299770 &:= (1 + (2 + 3!)) + ((4! \times (5 + 6!)) + (7 \times 8! + 9)) &= (9 + (8! \times 7 + (6! - 5) \times 4!)) + (3!!/2 + 1) \\
 299771 &:= ((1 + 2 \times 3!) \times ((4 \times (5 + 6! - 7!)) + 8!)) - 9 &= ((9 + ((8 \times (7 + 6)) \times 5!)) \times 4!) + (3!^2 - 1) \\
 299772 &:= (((1 - (2^{3 \times 4})) \times 5) + 6^7) + 8! - 9 &= ((((((9 + 8) \times 7!)/6) - 5) \times (4! - 3)) - 2) - 1 \\
 299773 &:= 12 - (((3 - 4!) \times (5! + 6!)) + 7) \times (8 + 9) &= ((((((9 + 8) \times 7!)/6) - 5) \times (4! - 3)) - 2) \times 1 \\
 299774 &:= (-1 + ((2 + 3! \times 4!) \times 5!)) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + ((5! \times ((4! \times 3!) + 2)) - 1) \\
 299775 &:= 1 \times (((2 + 3! \times 4!) \times 5!) + (6 + (7 \times 8! + 9))) &= (9 + 8! \times 7 + 6) + (5! \times ((4! \times 3!) + 2 \times 1)) \\
 299776 &:= (1 + ((2 + 3! \times 4!) \times 5!)) + (6 + (7 \times 8! + 9)) &= (9 + 8! \times 7 + 6) + ((5! \times ((4! \times 3!) + 2)) + 1) \\
 299777 &:= 1 \times (2 \times (((3 + 4! + 5^6) \times 7) + 8!)) + 9 &= ((((((9 + 8) \times 7!)/6) - 5) \times (4! - 3)) + 2) \times 1 \\
 299778 &:= 1 + (2 \times (((3 + 4! + 5^6) \times 7) + 8!)) + 9 &= ((((((9 + 8) \times 7!)/6) - 5) \times (4! - 3)) + 2) + 1 \\
 299779 &:= ((1 + 2 \times 3!) \times (4 \times (5 + (6! + 7!)))) + (8 - 9) &= ((9 + 8) \times (7! - (6 - ((5 \times ((4 + 3)!)/2)))) + 1 \\
 299780 &:= ((1 + 2 \times 3!) \times 4) \times (5 + (6! \times (7 - 8 + 9))) &= (9 - 8) \times ((7! + (6! + 5)) \times (4 \times (3! \times 2 + 1))) \\
 299781 &:= ((1 + 2 \times 3!) \times (4 \times (5 + (6! + 7!)))) - (8 - 9) &= 9 - (8 - ((7! + (6! + 5)) \times (4 \times (3! \times 2 + 1)))) \\
 299782 &:= ((1 + 2)!! + (((3 + 4)^5) + (6 + 7 \times 8!))) + 9 &= 9 + (8 - ((7!/6 - 5) \times (((4 - 3!!)/2) - 1))) \\
 299783 &:= ((1 + 2)!! + 3!! \times 4!) + ((56 \times (7! - 8)) - 9) &= (9 \times (8! - 7!)) - (((6! - (5 - 4!)) \times (3! - 2)! + 1) \\
 299784 &:= 1 - ((2 \times (3!^4 - (((5 \times 6) \times 7!) - 8))) + 9) &= (9 \times (8! - (7! \times 6/5))) - (4! \times (3!!/2 + 1)) \\
 299785 &:= (1 + ((2 - 3!!) \times 4!)) - (((56 + 7!) - 8!) \times 9) &= (9 \times (8! - 7!)) - (((6! - (5 - 4!)) \times (3! - 2)! - 1) \\
 299786 &:= 1 \times (2 \times (((3 + 4! + 5^6) \times 7) + 8! + 9)) &= ((9 \times ((8!/7 + 6) \times 5)) - (4 - (3! + 2)!)) \times 1 \\
 299787 &:= 1 + (2 \times (((3 + 4! + 5^6) \times 7) + 8! + 9)) &= ((9 \times ((8!/7 + 6) \times 5)) + ((4!/3!) - 2)) - 1 \\
 299788 &:= (((1 + 2)^{3!}) \times 4!) - 5) - (6 - (7 \times (8! + 9))) &= ((9 \times ((8!/7 + 6) \times 5)) + ((4!/3!) - 2)) \times 1 \\
 299789 &:= ((1 + 2 \times 3!) \times ((4 \times (5 + 6! - 7!)) + 8!)) + 9 &= ((9 \times ((8!/7 + 6) \times 5)) + ((4!/3!) - 2)) + 1 \\
 299790 &:= (((1 - (2^{3 \times 4})) \times 5) + 6^7) + 8! + 9 &= 9 - (8 - (7 \times (((6! \times 5! - (4! + 3!!))/2) - 1))) \\
 299791 &:= 1 - (((2 + (3 \times 4!)) \times 5) - (67 \times (8!/9))) &= (9 \times ((8!/7 + 6!) \times 5)) + ((4^3! \times 2) - 1) \\
 299792 &:= 1 \times (2 \times (((3! + 4!) + 5^6) \times 7) + 8! - 9) &= ((9 \times ((8!/7 + 6) \times 5)) + (4!/3!)) + (2 \times 1) \\
 299793 &:= 1 + (2 \times (((3! + 4!) + 5^6) \times 7) + 8! - 9) &= (9 \times ((8!/7 + 6!) \times 5)) + ((4^3! \times 2) + 1) \\
 299794 &:= (1 + 2)! - ((3 \times (4 + 5!)) - (67 \times (8!/9))) &= ((9 \times ((8!/7 + 6) \times 5)) + 4) + (3! + 2 \times 1)!
 \end{aligned}$$

$$\begin{aligned}
 299795 &:= 1 \times ((2 - (((3 - 4!) \times (5! + 6!)) + 7)) \times (8 + 9)) &= ((9 \times ((8!/7 + 6) \times 5)) + 4) + ((3! + 2)! + 1) \\
 299796 &:= 1 \times ((2 - (3!! + 4 - 5!)) \times (6 - (7 \times 8 \times 9))) &= 9 - (8 - ((7 \times ((6! \times 5! - (4! + 3!))/2) - 1)) \\
 299797 &:= 1 - (((2 + 3!) - (4! \times 5)) \times (6 - (7 \times 8 \times 9))) &= 9 + (8 + ((7! + (6! + 5)) \times (4 \times (3! \times 2 + 1)))) \\
 299798 &:= (((1 + 2)^{3!} \times 4!) + 5) - (6 - (7 \times (8! + 9))) &= 9 - (8 - ((7 \times ((6! \times 5! - (4! + 3!))/2) + 1)) \\
 299799 &:= (1 + 2)!! - ((3 - (4 \times 5!)) \times ((6 + 7!/8) - 9)) &= ((9 \times (8 + 7!)) - (6^5 - (4^{3^2}))) - 1 \\
 299800 &:= (1 + (2 \times (3! \times (4! - (5 \times (6! - 7!))))) + (8! - 9) &= ((9 \times (8 + 7!)) - (6^5 - (4^{3^2}))) \times 1 \\
 299801 &:= (1 + 2^{3!}) + (4! \times ((5! \times ((6 + 7) \times 8)) + 9)) &= ((9 \times (8 + 7!)) - (6^5 - (4^{3^2}))) + 1 \\
 299802 &:= (1 - (2 \times (3!^4 - (((5 \times 6) \times 7!) - 8)))) + 9 &= (9 + (((8 - 7 + 6)! + 5!)) \times ((4^3) - (2 + 1)!)) \\
 299803 &:= 1 - (2 \times (((3! + 4!) \times (((5 - 6!) \times 7) + 8)) + 9)) &= ((9 + 8!) \times 7) + ((6! - 5 \times 4) \times ((3! - 2)! + 1)) \\
 299804 &:= ((1 - (2 + 3!)) \times 4) + (5! + (67 \times (8!/9))) &= 9 - (8 - (7 \times (((6! \times 5! - (4! + 3!))/2) + 1))) \\
 299805 &:= (((1 + 2)^{3!+4}) \times 5) + ((6! + 7! \times 8)/9) &= ((9 + 8!) \times 7) + ((6!/5!) + (4! \times (3^{(2+1)!}))) \\
 299806 &:= (((12 + 3!!) \times 4!) - 5) - (6 - (7 \times 8! + 9)) &= (9 + ((8! + 7!) \times 6)) - (((5 - 4!^3) \times 2) + 1) \\
 299807 &:= (1 + (2 \times (3!^4 - ((5 \times 6) \times 7!)))) \times (8 - 9) &= (9 \times (8 \times 7! - 6^5)) + (((4!^3)/2) - 1) \\
 299808 &:= (1 \times 2 + 3!)! - ((4! - ((5 \times 6! + 7) \times 8)) \times 9) &= 9 + (((8! + 7!) \times 6) - (((5 - 4!^3) \times 2) - 1)) \\
 299809 &:= (1 + (2 + 3!))! - ((4! - ((5 \times 6! + 7) \times 8)) \times 9) &= (9 \times (8 \times 7! - 6^5)) + (((4!^3)/2) + 1) \\
 299810 &:= 1 \times 2 + (3 \times ((4^5 - (6 \times 7! - 8!)) \times 9)) &= (((9 + 8!) \times 7) + 6) + (5 + (4! \times (3^{(2+1)!}))) \\
 299811 &:= 1 \times ((2 \times ((3! + 4!) \times (5 - 6! + 7!))) + 8! - 9) &= (9 + ((8! + 7!) \times 6)) - (5 - (4!^3 \times 2 - 1)) \\
 299812 &:= 1 - ((2 \times ((3! + 4!) \times (((5 - 6!) \times 7) + 8))) + 9) &= 9 + (((8! + 7!) \times 6) - 5) + (4!^3 \times 2 \times 1) \\
 299813 &:= (((12 - 3!!) \times 4!) + (5 - 6!)) - ((7! - 8!) \times 9) &= (9 + ((8! + 7!) \times 6)) - (5 - (4!^3 \times 2 + 1)) \\
 299814 &:= (1 + 2)! + (3 \times ((4^5 - (6 \times 7! - 8!)) \times 9)) &= (9 \times (8! - (7! - 6))) - ((5! \times 4) \times (3!^2 + 1)) \\
 299815 &:= 1 - (((2 - 3^4) \times ((5! + 6 \times 7!)/8)) - 9) &= ((9 + (8! + ((7 - (6 \times 5!)) \times 4))) \times (3! + 2)) - 1 \\
 299816 &:= (1 - (2 \times (3!^4 - (((5 \times 6) \times 7!) + 8)))) - 9 &= (9 + ((8! + 7!) \times (6!/5!))) + (4!^3 \times 2 - 1) \\
 299817 &:= 1 - ((2 + 3!) \times ((4 \times ((5! \times 6) - 7)) - 8! - 9)) &= ((9 + (8! + ((7 - (6 \times 5!)) \times 4))) \times (3! + 2)) + 1 \\
 299818 &:= (1 + (2 \times (3! \times (4! - (5 \times (6! - 7!))))) + (8! + 9) &= (9 + ((8! + 7!) \times (6!/5!))) + (4!^3 \times 2 + 1) \\
 299819 &:= (1 + 2 \times 3!) \times ((4 \times ((5! \times 6) + 7! + 8)) - 9) &= (9 + 8! \times 7) - (6 - (((5 \times 4) + 3!)^{2+1})) \\
 299820 &:= ((1 + 2) - ((3 - 4!) \times (5! + 6!))) + (7 \times (8! - 9)) &= 9 + 8 + (7 \times (((6! \times 5! - (4! + 3!))/2) + 1)) \\
 299821 &:= (1 - (2 \times (3 + 4!))) \times (5! - (6! + (7! + 8 + 9))) &= (9 + ((8! + 7!) \times 6)) + ((5 + 4!^3 \times 2) - 1) \\
 299822 &:= 1 - (2 - (((3 + 4! \times 5!) \times ((6 + 7) \times 8)) - 9)) &= (((9 + 8!) \times 7) + (6! - 5) \times 4!) + (3!/2 - 1) \\
 299823 &:= (1 + 2)! - (((3 - 4!) \times (5! + 6!)) - (7 \times (8! - 9))) &= (9 + ((8! + 7!) \times 6)) + (5 + (4!^3 \times 2 + 1)) \\
 299824 &:= (1 + (2 + 3!))! + ((4! \times (5 + 6!)) + (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6! - 5) \times 4!) + (3!/2 + 1) \\
 299825 &:= 1 \times ((2 + ((3 + 4! \times 5!) \times ((6 + 7) \times 8))) - 9) &= (9 + (8 \times (7!/6! - 5!))) \times (4! - (3!/2 - 1)) \\
 299826 &:= ((1 + 2)!! - (3!! \times 4!)) - ((5! + ((6 + 7!) - 8!)) \times 9) &= (9 + ((8! + 7!) \times 6)) + (((5 + (4!^3)) \times 2) - 1) \\
 299827 &:= (1 + ((23 \times (45 + 6!)) + 7 \times 8!)) - 9 &= (9 \times (((8!/7 + 6) \times 5) + 4)) + ((3! + 2)! + 1) \\
 299828 &:= 1 \times 2 \times (((3! + 4!) + 5^6) \times 7) + 8! + 9 &= (9 + ((8! + 7!) \times 6)) + (((5 + (4!^3)) \times 2) + 1) \\
 299829 &:= 1 \times (((2 + 3! \times 4!) \times 5!) + (6 + (7 \times (8! + 9)))) &= (((9 + 8!) \times 7) + 6) + (5! \times ((4! \times 3!) + 2 \times 1)) \\
 299830 &:= 1 - ((2 \times ((3! + 4!) \times (((5 - 6!) \times 7) + 8))) - 9) &= (((9 + 8!) \times 7) + 6) + ((5! \times ((4! \times 3!) + 2)) + 1) \\
 299831 &:= 1 - (2 - ((3!! + 4!) \times (((5 \times (6! + 7)) - 8)/9))) &= (9 \times (8! - 7!)) - ((6 + (5! + 4 + 3))^2 \times 1) \\
 299832 &:= (1 + (((2 \times ((3!! + 4) \times 5)) + 6 \times 7!) \times 8)) - 9 &= (9 \times (8! - (7! \times 6/5))) - (4! \times (3!/2 - 1))
 \end{aligned}$$

$$\begin{aligned}
 299833 &:= ((1+2) + (((3+4)^5 + 6!)) + (7 \times (8!+9))) &= (9 - (8 \times 7)) - ((6!+5!) \times (((4-3!)/2) + 1)) \\
 299834 &:= 1 \times (2 + ((3!!+4!) \times (((5 \times (6!+7)) - 8)/9))) &= (9 \times ((8 + (7! \times 6)) - 5)) + (4!^3 \times 2 - 1) \\
 299835 &:= 1 + (2 + ((3!!+4!) \times (((5 \times (6!+7)) - 8)/9))) &= (9 \times ((8 + (7! \times 6)) - 5)) + (4!^3 \times 2 \times 1) \\
 299836 &:= 1 - ((2+3) \times ((4 \times (5! + (6-7!))) - 8! + 9)) &= (9 \times ((8 + (7! \times 6)) - 5)) + (4!^3 \times 2 + 1) \\
 299837 &:= (((12+3!!) \times 4!) + (5!/6 + 7 \times 8!)) + 9 &= ((9 - ((8 - (7 \times (6! - 5))) \times (4! + 3!))) \times 2) - 1 \\
 299838 &:= (1 - (2 \times (3! + 4!))) \times (5 \times 6 - (7! + 8 \times 9)) &= ((9 - ((8 - (7 \times (6! - 5))) \times (4! + 3!))) \times 2) \times 1 \\
 299839 &:= 1 - (2 \times (((3!+4!) \times (((5-6!) \times 7) + 8)) - 9)) &= ((9 - ((8 - (7 \times (6! - 5))) \times (4! + 3!))) \times 2) + 1 \\
 299840 &:= (((1+2)! + (3^4 \times 5)) \times 6!) - ((7! - 8!)/9) &= (9 \times (8! - (7! + (6!/5)))) - (4^{3!+2-1}) \\
 299841 &:= 1 - (2 \times (3!! - (((4!+5) \times 6! \times 7) + 8!/9))) &= (((9+8!) \times 7) - (6-5!)) + (4! \times (3! + (2+1)!)) \\
 299842 &:= (1 + ((2^{3!} + 4! \times 5!) \times 6)) + (7 \times (8! - 9)) &= 9 - (((8 \times (7+6)) \times (5 - (4 \times (3!! + 2)))) - 1) \\
 299843 &:= 1 \times (2 + (((3+4! \times 5!) \times ((6+7) \times 8)) + 9)) &= (9 \times (8!/7)) + (((((6+5!) \times 4) - 3!)^2) - 1) \\
 299844 &:= (1 \times 2 + 3!)! - ((4 - (5 \times (6! + 7! + 8))) \times 9) &= (9 \times ((8! + 7 + 6!) - ((5+4!)^3))) \times 2 \times 1 \\
 299845 &:= (1 + (2 + 3!)!) - ((4 - (5 \times (6! + 7! + 8))) \times 9) &= (9 \times (8!/7)) + (((((6+5!) \times 4) - 3!)^2) + 1) \\
 299846 &:= 1 \times (2 \times ((3!!/4 \times (5! + 6! - 7)) - (8+9))) &= 9 + (8! \times 7 + (((6 + (5 \times 4))^3) + 21)) \\
 299847 &:= ((1 + (2^{3!} + 4! \times 5!)) \times 6) + (7 \times (8! - 9)) &= (((9+8!) \times 7!/6!) + 5!) + (4! \times (3! + (2+1)!)) \\
 299848 &:= 1 + (((2+3!)! - (4! \times 5! - (6 \times 7))) \times 8) - 9 &= 9 + ((8 \times ((7! \times 6) + (5 \times ((4+3!) \times 2)))) - 1) \\
 299849 &:= 1 \times (((2 \times ((3!!+4) \times 5)) + 6 \times 7!) \times 8) + 9 &= 9 - (8 \times (((7+6) \times (5 - (4 \times (3!! + 2)))) - 1)) \\
 299850 &:= (1 + (((2 \times ((3!!+4) \times 5)) + 6 \times 7!) \times 8)) + 9 &= (9 + ((8!/7 + 6) \times ((5 \times 4) + 3!))) \times 2 \times 1 \\
 299851 &:= (((12+3!!) \times 4!) - (5!/6)) + (7 \times (8! + 9)) &= ((9 + (8! + 7!)) \times 6) - (((5-4!)^3 \times 2) + 1) \\
 299852 &:= ((1+2 \times 3!) \times (4 \times (5 + (6! + 7!)))) + 8 \times 9 &= (((9 + (8! + 7!)) \times 6) - ((5-4!)^3 \times 2)) \times 1 \\
 299853 &:= (((1+2)^{3!} \times 4!) + (5! + 6)) + (7 \times 8! - 9) &= (((9 + (8! + 7!)) \times 6) - ((5-4!)^3 \times 2)) + 1 \\
 299854 &:= 1 - (((2+3!!) \times (4! - (5! + 6))) + 7 + 8!) \times 9 &= -98 + (7! + (6!/5 \times (4^{3!}/2 \times 1))) \\
 299855 &:= 1 \times ((2+3) \times ((4 \times (5^6 - 7!/8)) - 9)) &= 9 + (8 - (7 \times (6 + (5! \times (((4-3!)/2) + 1)))) \\
 299856 &:= ((1 \times 2 + 3!)! - 4!) + (5 \times ((6! + 7! + 8) \times 9)) &= ((9 + (8! + 7!)) \times 6) - (5 - (4!^3 \times 2 - 1)) \\
 299857 &:= ((1 + (2 + 3!)!) - 4!) + (5 \times ((6! + 7! + 8) \times 9)) &= (9 \times ((8 + (7! + 6!)) \times 5)) - (4! - ((3! + 2!) + 1)) \\
 299858 &:= (1 + ((2 + ((3+4! \times 5!) \times (6+7))) \times 8)) + 9 &= ((9 + (8! + 7!)) \times 6) - (5 - (4!^3 \times 2 + 1)) \\
 299859 &:= (((1+2)^{3!} \times 4!) + (5! - 6)) + (7 \times 8! + 9) &= ((9-8) \times 7) \times (((6! \times 5! - (4+3!))/2) - 1) \\
 299860 &:= (12 \times (((3+4!) \times (5+6!)) + 7!)) + 8!/9 &= 9 + 8! - (((7 - (6 \times 5!)) \times (4+3!)/2) + 1) \\
 299861 &:= (((1+2) \times (3! + 4)^5) - 67) - 8 \times 9 &= ((9 + (8! + 7!)) \times (6!/5!)) + (4!^3 \times 2 - 1) \\
 299862 &:= ((1 - (2^{3!} + 4! \times 5!)) \times 6) - ((7! - 8!) \times 9) &= 9 + 8! - (((7 - (6 \times 5!)) \times (4+3!)/2) - 1) \\
 299863 &:= 1 \times (((2 \times 3!!)/4) \times (5! + 6! - 7)) - (8+9)) &= ((9 + (8! + 7!)) \times (6!/5!)) + (4!^3 \times 2 + 1) \\
 299864 &:= ((1 + (((2 \times 3!!)/4) \times (5! + 6! - 7))) - 8) - 9 &= 9 + ((8 \times ((7 \times 6) - ((5! \times 4!) - (3! + 2)!))) - 1) \\
 299865 &:= 1 \times (((2+3!)! - (4! \times 5! - (6 \times 7))) \times 8) + 9 &= (9-8) \times ((7 \times ((6! \times 5! - (4+3!))/2) - 1) \\
 299866 &:= 1 + (((2+3!)! - (4! \times 5! - (6 \times 7))) \times 8) + 9 &= ((9 + (8! + 7!)) \times 6) + ((5+4!)^3 \times 2) - 1) \\
 299867 &:= 1 - ((2 \times (3+4!+5!)) - (67 \times (8!/9))) &= 9 + 8! - 7 + ((6! - 5) \times (((4+3!)/2) + 1)) \\
 299868 &:= 12 \times (((3!+4!) \times (5! + 6! - 7)) + (8-9)) &= ((9 + (8! + 7!)) \times 6) + (5 + (4!^3 \times 2 + 1)) \\
 299869 &:= ((1+2 \times 3!) \times (4 \times (5 + (6! + 7!)))) + 89 &= (9 \times (8 + (7! \times 6))) - (((5-4!)^3 \times 2) + 1) \\
 299870 &:= 1 - ((2 + ((3-4!) \times (5! + 6!))) - (7 \times 8! - 9)) &= (9 \times ((8! + 7) - 6^5)) + (((4!^3)/2) - 1)
 \end{aligned}$$

$$\begin{aligned}
 299871 &:= ((1+2)!!/3) + ((4! \times (5+6!)) + 7 \times 8! - 9) &= ((9 + (8! + 7!)) \times 6) + (((5 + (4!^3)) \times 2) - 1) \\
 299872 &:= ((1+2)!! + 3!^4) + (5^6 + 7 \times 8! - 9) &= (9 \times ((8! + 7) - 6^5)) + (((4!^3)/2) + 1) \\
 299873 &:= 1 \times (2 - (((3-4!) \times (5! + 6!)) - (7 \times 8! - 9))) &= ((9 + (8! + 7!)) \times 6) + (((5 + (4!^3)) \times 2) + 1) \\
 299874 &:= 1 + (2 - (((3-4!) \times (5! + 6!)) - (7 \times 8! - 9))) &= (9 \times (8 + (7! \times 6))) - (5 - (4!^3 \times 2 - 1)) \\
 299875 &:= ((1+2 \times 3!) \times ((4 \times (5 + (6! + 7!))) + 8)) - 9 &= ((9 \times ((8 + (7! + 6!)) \times 5)) - 4) + ((3! + 2)! - 1) \\
 299876 &:= 1 \times ((2+3)! - (4 - (5 \times ((6! + 7! + 8) \times 9)))) &= (9 \times (8 + (7! \times 6))) - (5 - (4!^3 \times 2 + 1)) \\
 299877 &:= ((1 + (2 + 3!))! - 4) + (5 \times ((6! + 7! + 8) \times 9)) &= ((9 \times ((8 + (7! + 6!)) \times 5)) - 4) + ((3! + 2)! + 1) \\
 299878 &:= (1 - ((2 + 3!!) \times 4!)) - (((5 + 6!) \times 7) - 8!) \times 9 &= 9 + 8 \times 7! - (((6! + 5) \times ((4 - 3!!)/2)) + 1) \\
 299879 &:= ((1 - 2) + ((3 - 4!) \times (5! + 6!))) - ((7! - 8!) \times 9) &= (9 \times (8 + (7! \times (6!/5!)))) + (4!^3 \times 2 - 1) \\
 299880 &:= 1 - ((2 \times (3!^4 - (5 \times (6 \times 7! + 8)))) + 9) &= ((9 + 8!/7!) \times (6 + 5!)) \times (4 \times (3!^2 - 1)) \\
 299881 &:= (1 + (2 \times 3! - 4!)) + (5 \times ((6! + 7! + 8) \times 9)) &= (9 \times (8 + (7! \times (6!/5!)))) + (4!^3 \times 2 + 1) \\
 299882 &:= ((1 + (((2 \times 3!!)/4) \times (5! + 6! - 7))) - 8) + 9 &= (9 \times ((8 + (7! + 6!)) \times 5)) + ((4!/3)! + 2 \times 1) \\
 299883 &:= ((1 + 2) + ((3 - 4!) \times (5! + 6!))) - ((7! - 8!) \times 9) &= ((9 \times ((8 + (7! + 6!)) \times 5)) + 4) + ((3! + 2)! - 1) \\
 299884 &:= ((1 \times 2 + 3!)! + 4) + (5 \times ((6! + 7! + 8) \times 9)) &= (9 \times (8 + (7! \times 6))) + ((5 + 4!^3 \times 2) - 1) \\
 299885 &:= (1 + ((2 + 3!)! + 4)) + (5 \times ((6! + 7! + 8) \times 9)) &= (9 + (8! + 7)) - (((6! + 5) \times ((4 - 3!!)/2)) + 1) \\
 299886 &:= (((1 + 2) \times (3! + 4)^5) - (6 \times 7)) - 8 \times 9 &= (9 \times (8 + (7! \times 6))) + (5 + (4!^3 \times 2 + 1)) \\
 299887 &:= 1 \times ((2 \times ((3!!/4 \times (5! + 6! - 7)) + 8)) - 9) &= (9 + (8! + 7)) - (((6! + 5) \times ((4 - 3!!)/2)) - 1) \\
 299888 &:= 1 + ((2 \times ((3!!/4 \times (5! + 6! - 7)) + 8)) - 9) &= 9 + 8! - (7! - (((6! - 5!) \times ((4! - 3!)^2)) - 1)) \\
 299889 &:= ((1 + 2)!!/3) + ((4! \times (5 + 6!)) + (7 \times 8! + 9)) &= (9 \times (8 + (7! \times 6))) + (((5 + (4!^3)) \times 2) - 1) \\
 299890 &:= ((1 + 2)!! + 3!^4) + (5^6 + (7 \times 8! + 9)) &= 9 + 8! - (7! - (((6! - 5!) \times ((4! - 3!)^2)) + 1)) \\
 299891 &:= (1 \times 2 - ((3 - 4!) \times (5! + 6!))) + (7 \times 8! + 9) &= (9 \times (8 + (7! \times 6))) + (((5 + (4!^3)) \times 2) + 1) \\
 299892 &:= (1 \times 2 + 3!! + 4!) \times (5! + (6 \times ((7 \times 8) - 9))) &= (((9 \times 8) + 7) + (6! + 5)) \times (((4! + 3!!)/2) + 1) \\
 299893 &:= ((1 + 2 \times 3!) \times ((4 \times (5 + (6! + 7!))) + 8)) + 9 &= 9 + ((8 + ((7! + (6! + 5)) \times 4)) \times (3! \times 2 + 1)) \\
 299894 &:= 1 \times (2 + (3 \times (4 + ((5! + 6!) \times (7 \times (8 + 9)))))) &= 9 - (8 - ((7 \times ((6! \times 5! + (4 - 3!!)/2)) - 1)) \\
 299895 &:= 1 \times (((2^3! + 4! \times 5!) \times 6) + 7 \times 8! - 9) &= (9 + (8! + 7)) + ((6! - (5 - 4)) \times (3!!/2 + 1)) \\
 299896 &:= 1 - (((2 + 3!) \times (4! \times 5! - ((6 + 7!) \times 8))) + 9) &= (9 + (8! + 7)) + ((6! + (5 - 4)) \times (3!!/2 \times 1)) \\
 299897 &:= (1 + 2 \times 3!) \times ((4 \times (5 + 6! - 7!)) + 8! + 9) &= (9 + 8! - ((7! - (6! + 5)) \times 4)) \times (3! \times 2 + 1) \\
 299898 &:= (1 - (2 \times (3!^4 - (5 \times (6 \times 7! + 8)))) + 9 &= 9 + 8 + ((7 \times ((6! \times (5! - (4 - 3)))/2)) + 1) \\
 299899 &:= ((1 + 2) \times ((3! + 4)^5 + 6)) - (7 \times (8 + 9)) &= (9 \times (8! - 7!)) - (6! + (((5! + (4 + 3!))^2) + 1)) \\
 299900 &:= 1 \times ((2 + 3) \times (4 + ((5! + 6! - 7) \times 8 \times 9))) &= (9 \times (8! - 7!)) - (6! + ((5! + (4 + 3!))^2 \times 1)) \\
 299901 &:= ((1 + (2^3! + 4! \times 5!)) \times 6) + (7 \times 8! - 9) &= (9 \times (8! - 7!) - 6!) - (((5! + (4 + 3!))^2) - 1) \\
 299902 &:= ((1 + 2)! - 3! \times 4!) - (5! - (67 \times (8!/9))) &= 9 - (8 - (7 \times (((6! \times 5! + (4 - 3!!)/2) + 1))) \\
 299903 &:= ((1 + ((2 + 3!)! + (4 \times (5 - (6! - 7)))) \times 8) - 9 &= ((9 \times ((8 + (7! + 6!)) \times 5)) + 4!) + ((3! + 2)! - 1) \\
 299904 &:= 1 \times ((2 + 3!)! + (4! + (5 \times ((6! + 7! + 8) \times 9)))) &= ((9 \times ((8 + (7! + 6!)) \times 5)) + 4!) + (3! + 2 \times 1)! \\
 299905 &:= 1 \times ((2 \times ((3!!/4 \times (5! + 6! - 7)) + 8)) + 9) &= ((9 \times ((8 + (7! + 6!)) \times 5)) + 4!) + ((3! + 2)! + 1) \\
 299906 &:= 1 + ((2 \times ((3!!/4 \times (5! + 6! - 7)) + 8)) + 9) &= 98 + (7! + (6!/5 \times (4^3!/2 - 1))) \\
 299907 &:= 1 - ((2 \times ((3 + 4) + 5!)) - (67 \times (8!/9))) &= (9 + (((8! - 7!)/6) \times (5 + 4 \times 3))) \times (2 + 1) \\
 299908 &:= ((12 \times (3!^4 - 5)) + 6^7) + 8!/9 &= (9 + (8! + (7! - ((6! - 5) \times (4 - 3!!/2)))) - 1) \\
 299909 &:= 1 \times (((2 + 3) \times 4) \times (5^6 - 7!/8)) + 9 &= (9 + (8! + (7! - ((6! - 5) \times (4 - 3!!/2)))) \times 1
 \end{aligned}$$

$$\begin{aligned}
 299910 &:= (1 + 2^{3!}) \times (4! - ((5! - (6! \times 7/8)) \times 9)) &= (9 + (8! + (7! - ((6! - 5) \times (4 - 3!/2)))) + 1 \\
 299911 &:= ((1 + 2) \times (3! + 4)^5) + ((6 - 7) \times 89) &= ((9 + 8) + (7 \times ((6! \times 5! + (4 - 3!))/2))) \times 1 \\
 299912 &:= ((1 + 2) \times (((3! + 4)^5) - 6)) - (7!/(8 \times 9)) &= ((9 + 8) + (7 \times ((6! \times 5! + (4 - 3!))/2))) + 1 \\
 299913 &:= 1 \times (((2^{3!} + 4! \times 5!) \times 6) + (7 \times 8! + 9)) &= (((9 + 8!) \times 7) - 6) + (5! + (4! \times (3^{(2+1)!}))) \\
 299914 &:= 1 - (((2 + 3!) \times (4! \times 5! - ((6 + 7!) \times 8))) - 9) &= (9 + 8! - 7!) + ((6! + 5) \times (4 + (3!/2 + 1))) \\
 299915 &:= ((1 - (2 \times 3!! + 4!)) \times 5) \times (6 - ((7 \times 8) - 9)) &= (9 \times (((8 + (7! + 6!)) \times 5) + 4)) + ((3! + 2)! - 1) \\
 299916 &:= (1 \times 2 + 3!)! + ((4 + (5 \times (6! + 7! + 8))) \times 9) &= (9 \times (((8 + (7! + 6!)) \times 5) + 4)) + (3! + 2 \times 1)! \\
 299917 &:= (1 + (2 + 3!)!) + ((4 + (5 \times (6! + 7! + 8))) \times 9) &= (9 \times (((8 + (7! + 6!)) \times 5) + 4)) + ((3! + 2)! + 1) \\
 299918 &:= 1 \times 2 \times (((3! + 4 \times 5) \times (6! + 7! + 8)) - 9) &= 9 + (8 + (7 \times (((6! \times 5! + (4 - 3!))/2) + 1))) \\
 299919 &:= ((1 + (2^{3!} + 4! \times 5!)) \times 6) + (7 \times 8! + 9) &= (((9 + 8!) \times 7) + ((6! + 5) \times 4!)) + (3!^{2+1}) \\
 299920 &:= ((1 + 2!)!) + ((3 \times ((4 + 5!) \times 6!)) + (7 \times 8!/9)) &= (9 \times (8! - 7!)) - (6! + (5 \times (4^{3!} - ((2 + 1!)!))) \\
 299921 &:= ((1 + ((2 + 3!)! + (4 \times (5 - (6! - 7)))) \times 8) + 9 &= 9 + (8 \times (((7 - 6! + 5) \times 4) + ((3! + 2)! + 1))) \\
 299922 &:= (((1 + 2) \times (3! \times 4! + ((5! \times 6!) - 7))) + 8!) - 9 &= (((9 + 8!) \times 7) + 6!) + ((5! + (4 + 3!)^2)) - 1 \\
 299923 &:= (1 - ((2 + 3!!) \times 4!)) - (((5 \times 6 + 7!) - 8!) \times 9) &= 9 - (8 - (7 \times (6 - (5! \times (((4 - 3!)/2) + 1)))) \\
 299924 &:= 1 - (2 + (3!! \times 4! + (((5 + 6!) \times 7) - 8!) \times 9)) &= (9 \times (8 + ((7! \times 6) + 5))) + (4!^3 \times 2 - 1) \\
 299925 &:= (((1 + 2)^{3!}) \times 4!) + (5! + 6)) + (7 \times (8! + 9)) &= (9 \times (8 + ((7! \times 6) + 5))) + (4!^3 \times 2 \times 1) \\
 299926 &:= 1 \times ((2 \times (3 - (4! \times 5))) + (67 \times (8!/9))) &= (9 \times (8 + ((7! \times 6) + 5))) + (4!^3 \times 2 + 1) \\
 299927 &:= 1 \times 2 - (3!! \times 4! + (((5 + 6!) \times 7) - 8!) \times 9) &= ((9 \times (8! - (7 \times (6! + 5)))) - (4! \times 3!)) + (2 \times 1) \\
 299928 &:= (1 + 2) - (3!! \times 4! + (((5 + 6!) \times 7) - 8!) \times 9) &= (9 + (8! + ((7 \times 6) - (5! \times 4!)))) \times (3! + 2 \times 1) \\
 299929 &:= (((1 + 2) \times (3! + 4)^5) - (6 + 7 \times 8)) - 9 &= (((9 + 8 - 7!/6!)^5) - 4!) \times 3) + 2) - 1 \\
 299930 &:= ((1 + 2) \times (3! + 4)^5) - ((6! \times 7)/(8 \times 9)) &= (((9 + 8 - 7!/6!)^5) - 4!) \times 3) + 2) \times 1 \\
 299931 &:= ((1 + 2)! - (3!! \times 4!)) - (((5 + 6!) \times 7) - 8!) \times 9 &= (((9 + 8 - 7!/6!)^5) - 4!) \times 3) + 2) + 1 \\
 299932 &:= ((1 + 2)! \times (3! - 4!)) - (5! - (67 \times (8!/9))) &= ((-9 - 8) \times ((7! - ((6!/5!) + (4!/3!))/2)) + 1) \\
 299933 &:= 1 - ((2 \times (3! \times (4! - 5))) - (67 \times (8!/9))) &= (9 \times ((8 + 7!) \times 6)) - ((5 - 4!) \times (3!! \times 2 - 1)) \\
 299934 &:= ((1 + 2)!! - (3!! \times 4!)) - ((5! - (6 - (7! - 8!))) \times 9) &= (9 \times (((8 - 7 + 6)^5) - 4! \times 3!)) \times 2 \times 1 \\
 299935 &:= (((1 + 2) \times (((3! + 4)^5) - 6)) - (7 \times 8)) + 9 &= ((9 + (8!/7 + (6! \times 5 + 4))) \times 32) - 1 \\
 299936 &:= 1 \times ((2 \times (3! \times ((4! + 5 \times 6!) \times 7))) - 8!/9) &= (9 + ((8! + 7!) \times 6)) + ((5! + 4!^3 \times 2) - 1) \\
 299937 &:= (1 + (2 \times (3! \times ((4! + 5 \times 6!) \times 7)))) - 8!/9 &= 9 \times 8 + ((7 \times ((6! \times 5! - (4 + 3!))/2)) - 1) \\
 299938 &:= (1 - ((2 - 3! \times 4!) \times 5!)) + (6! + (7 \times (8! - 9))) &= (9 + ((8! + 7!) \times 6)) + (5! + (4!^3 \times 2 + 1)) \\
 299939 &:= (((1 + 2) \times ((3! + 4)^5 + 6)) - 7) - 8 \times 9 &= 9 - ((8 + (7 \times (6 + 5!))) \times (4! - (3!/2 + 1))) \\
 299940 &:= (((1 + 2) \times (3! \times 4! + ((5! \times 6!) - 7))) + 8!) + 9 &= (9 + 8 - 7) \times (6 \times (((5^4) \times (3! + 2)) - 1)) \\
 299941 &:= (((1 + 2) \times (3! + 4)^5) + 6) - ((7 \times 8) + 9) &= ((9 + 8!) \times 7) + (((6! + 5!) \times (4! - 3)) - (2 \times 1)) \\
 299942 &:= 1 - ((2 + ((3 - 4!) \times (5! + 6!))) - (7 \times (8! + 9))) &= (((9 + 8!) \times 7) + (6 \times (5! \times 4!))) + (3!/2 - 1) \\
 299943 &:= (1 + (2 \times (3!! + 4))) \times (((5!/6 + 7) \times 8) - 9) &= (((9 + 8!) \times 7) + (6 \times (5! \times 4!))) + (3!/2 \times 1) \\
 299944 &:= (((1 + 2) \times (3!! - 4!)) + 5^6) + (7 \times 8! - 9) &= (((9 + 8!) \times 7) + (6 \times (5! \times 4!))) + (3!/2 + 1) \\
 299945 &:= 1 \times 2 + ((3 + (4! \times (5!/6))) \times (7!/8 - 9)) &= (9 \times (8! - (7! + 6))) - ((5! \times ((4! \times 3!) + 2)) + 1) \\
 299946 &:= (1 + 2) + ((3 + (4! \times (5!/6))) \times (7!/8 - 9)) &= (9 \times (8! - 7!) - (((6 + (5 \times 4))^3) - 2)) \times 1 \\
 299947 &:= 1 - (((2 + 3! \times 4!) \times 5!) + (((6 + 7!) - 8!) \times 9)) &= (9 \times (8! - (7! + 6))) - ((5! \times ((4! \times 3!) + 2)) - 1) \\
 299948 &:= ((1 + 2) \times ((3! + 4)^5 + 6)) - (7!/(8 \times 9)) &= 9 + (((8! + (7^6)) - ((5 \times 4)^3)) \times 2) + 1
 \end{aligned}$$

$$\begin{aligned}
 299949 &:= (1+2)! + ((3+(4! \times (5!/6))) \times (7!/8-9)) &= (9+((8!/7+(6!/5!)) \times 4)) \times (3! \times 2+1) \\
 299950 &:= (((1+2) \times (3! \times 4! + (5! \times 6!))) + 7) + (8!-9) &= (9 \times 8 \times (7! - (6 \times (5! + 4!)))) - (3!! + 2 \times 1) \\
 299951 &:= 1 - (2 + ((34 + (5! + 6! - 7!)) \times 8 \times 9)) &= 9 + (((8! + 7!)/6!) \times ((5 + 4^3)^2) - 1) \\
 299952 &:= (1+2)!! - (((3!! + 4^5) - (6^7/8)) \times 9) &= (9 + (((8! + 7!)/6) \times 5)) + ((4^3)^2 - 1) \\
 299953 &:= 1 + 2 \times 3!! + ((4! \times 5! + (6 \times (7! + 8))) \times 9) &= (9 \times ((8 + 7!) \times 6)) - (((5 - 4!) \times 3!! \times 2) - 1) \\
 299954 &:= 1 \times 2 \times (((3! + 4 \times 5) \times (6! + 7! + 8)) + 9) &= (9 + (((8! + 7!)/6) \times 5)) + ((4^3)^2 + 1) \\
 299955 &:= 1 - (2 \times (((3 - (4! + 5)) \times (6! + 7! + 8)) - 9)) &= (((9 + 8! + (7^6)) - ((5 \times 4^3)) \times 2) - 1) \\
 299956 &:= 1 - ((2+3) \times ((4 \times (5! - 6! \times 7)) - 8! + 9)) &= (((9 + 8! + (7^6)) - ((5 \times 4^3)) \times 2) \times 1) \\
 299957 &:= (((1+2) \times (3! + 4^5) - (6 \times 7)) + (8-9)) &= (((9 + 8! + (7^6)) - ((5 \times 4^3)) \times 2) + 1) \\
 299958 &:= ((1+2) \times 3!!) - (4 - (5^6 + (7 \times (8! - 9)))) &= 9 - (8 - (7 \times (((6! \times 5! + (4! - 3!!))/2) - 1))) \\
 299959 &:= (((1+2) \times (3! + 4^5) + 6) - ((7 \times 8) - 9)) &= (9 + ((8!/7!) + 6!)) \times (5! + ((4! \times 3! \times 2) - 1)) \\
 299960 &:= ((1+2) \times (((3! + 4^5) - (6 + 7))) + (8-9)) &= ((9 + ((87 \times 6!/5) \times 4!)) - (3!! + 2)) + 1 \\
 299961 &:= ((1 \times 2 \times (3!^4 \times (5! - 6))) - 7) + 8!/9 &= 9 + 8! + (((7 + 6!) \times 5!) + (4! - 3!!)) \times (2 + 1) \\
 299962 &:= ((1 + (2 \times (3!^4 \times (5! - 6)))) - 7) + 8!/9 &= (9 + ((87 \times 6!/5) \times 4!)) - (3!! - (2 - 1)) \\
 299963 &:= 1 + ((2 + 3^4) \times ((5 \times (6! - (7 - 8))) + 9)) &= ((9 \times 8) + 7) \times ((6 \times ((5^4) + (3! + 2))) - 1) \\
 299964 &:= ((1+2) \times (3! \times 4! + ((5! \times 6!) + 7))) + (8! - 9) &= 9 - (8 - ((7 \times ((6! \times 5! + (4! - 3!!))/2) - 1)) \\
 299965 &:= 1 - ((2 - 3!) \times ((4! \times (5^{6+7-8})) - 9)) &= ((9 \times 8) + (7 \times ((6! \times 5! + (4 - 3!!))/2))) - 1 \\
 299966 &:= ((1+2) \times 3!!) + (4 + (5^6 + (7 \times (8! - 9)))) &= 9 - (8 - ((7 \times ((6! \times 5! + (4! - 3!!))/2) + 1)) \\
 299967 &:= 1 \times (((2^3! + 4! \times 5!) \times 6) + (7 \times (8! + 9))) &= ((9 \times 8) + (7 \times ((6! \times 5! + (4 - 3!!))/2))) + 1 \\
 299968 &:= (1 + ((2^3! + 4! \times 5!) \times 6)) + (7 \times (8! + 9)) &= (9 \times (8! - (7! + (6 \times 5)))) - ((4! \times 3!!) + 2 \times 1) \\
 299969 &:= (1 + (2 \times (3!^4 \times (5! - 6)))) + (7! \times 8/9) &= 9 + ((8 + 7!) + (6!/5 \times (4^3!/2 \times 1))) \\
 299970 &:= (1 - 2 \times 3!) \times (((4 \times (5! - 6!)) - 7!/8) \times 9) &= (9 \times ((8 \times 7! - 6!)/5!)) \times (((4 + 3!)^2) + 1) \\
 299971 &:= ((1 + 2 \times 3!!) \times (4! - 5)) + (6 \times ((7! + 8) \times 9)) &= (9 \times (8 + 7!)) - (((6! - 5) \times (4 - 3!!/2)) + 1) \\
 299972 &:= 1 \times (2 - (3!! \times 4! + ((5 \times 6 + 7!) - 8!) \times 9)) &= 9 - (8 - (7 \times (((6! \times 5! + (4! - 3!!))/2) + 1))) \\
 299973 &:= 1 \times (((2 - 3!!) \times 4!) - (((5 + 6!) \times 7) - 8!) \times 9) &= (9 \times (8 + 7!)) - (((6! - 5) \times (4 - 3!!/2)) - 1) \\
 299974 &:= (1 + ((2 - 3!!) \times 4!)) - (((5 + 6!) \times 7) - 8!) \times 9 &= 9 + (8 + (7 \times (((6! \times 5! + (4! - 3!!))/2) - 1))) \\
 299975 &:= 1 \times ((2 \times (3!^4 \times (5! - 6))) + (7 + 8!/9)) &= (9 \times (8! - (7! + 6))) + (5 - (4! \times (3^{(2+1)!}))) \\
 299976 &:= (1 + ((2 \times (3!^4 \times (5! - 6))) + 7)) + 8!/9 &= 9 - (8 + ((7!/6 + 5) \times (4 - (3!!/2 - 1)))) \\
 299977 &:= 1 + ((2 + 3!) \times ((4 \times (5 - (6! - 7))) + 8! + 9)) &= 98 + ((7 \times ((6! \times (5! - (4 - 3)))/2)) - 1) \\
 299978 &:= (((1+2) \times 3!! + 4) \times 5!) - 6 - (7 - 8! + 9) &= (98 - 7!) + ((6! + 5!) \times (((4 + 3!!)/2) + 1)) \\
 299979 &:= 1 - (2 \times (3!^4 - (5 \times (6 \times 7! + 8 + 9)))) &= (9 \times (8! - ((7 \times 6!) + 5))) - (4! \times (3^{(2+1)!})) \\
 299980 &:= ((1+2) \times ((3! + 4^5) + (6 - 7))) - (8 + 9) &= 9 + ((8 + (7 \times ((6! \times 5! + (4! - 3!!))/2))) - 1) \\
 299981 &:= (1 - (2 \times (3! + 4!))) - (5! - (67 \times (8!/9))) &= ((9 + (8! + 7!)) \times 6) + ((5! + 4!^3 \times 2) - 1) \\
 299982 &:= (1 \times 2 \times ((3!^4 \times (5! - 6)) + 7)) + 8!/9 &= ((9 + (8! + 7!)) \times 6) + (5! + (4!^3 \times 2 \times 1)) \\
 299983 &:= (1 + (2 \times ((3!^4 \times (5! - 6)) + 7))) + 8!/9 &= ((9 + (8! + 7!)) \times 6) + (5! + (4!^3 \times 2 + 1)) \\
 299984 &:= (((1+2) \times (3! + 4^5) - (6 - (7 - 8))) - 9) &= (9 + 8! \times 7) + (((6! - (5 - 4!)) \times (3! - 2)! - 1) \\
 299985 &:= (((1+2) \times 3!! + 4) \times 5!) - 6 + (7! \times 8 - 9) &= ((9 \times ((8!/(7 \times 6)) - 5)) - 4!) \times (3!^2 - 1) \\
 299986 &:= ((1+2) \times 3!!) + (4! + (5^6 + (7 \times (8! - 9)))) &= (9 + 8! \times 7) + (((6! - (5 - 4!)) \times (3! - 2)! + 1)
 \end{aligned}$$

$$\begin{aligned} 299987 &:= (((1+2) \times (3!+4)^5) - 6) + (7 \times (8-9)) &= (9 \times ((8! - 7!) - (6^5/4))) - (3!^2 + 1) \\ 299988 &:= (1 \times 2 + 3!)! - ((4 - ((5 \times 6! + 7) \times 8)) \times 9) &= (((9 + ((8! + 7!)/6)) \times 5) + (4^{3^2})) - 1 \\ 299989 &:= (1 + (2 + 3!)!) - ((4 - ((5 \times 6! + 7) \times 8)) \times 9) &= (((9 + ((8! + 7!)/6)) \times 5) + (4^{3^2})) \times 1 \\ 299990 &:= (((1+2) \times 3!! + 4) \times 5!) + 6 - (7 - 8! + 9) &= (((9 + ((8! + 7!)/6)) \times 5) + (4^{3^2})) + 1 \\ 299991 &:= (((1+2) \times 3!! + 4) \times 5!) - ((6-7) \times (8! - 9)) &= (((((9 + 8 - 7!/6!)^5) - 4) \times 3) + 2) + 1 \\ 299992 &:= (1 - ((2 - 3! \times 4!) \times 5!)) + (6! + 7 \times 8! - 9) &= 9 + (8 - ((7!/6 + 5) \times (4 - (3!!/2 - 1)))) \\ 299993 &:= ((1-2) \times ((3+4)^5)) - (6! + ((7! - 8!) \times 9)) &= (9 \times (8! - 7!) - 6) - ((5! \times ((4! \times 3!) + 2)) + 1) \\ 299994 &:= 1 \times ((2 - ((3! + 4)^5)) \times (6 + ((7 - 8) \times 9))) &= ((9 \times ((8! - 7!) - ((6^5/4) + 3))) - 2) - 1 \\ 299995 &:= (1 - ((2 + 3! \times 4!) \times 5!)) - (6 + ((7! - 8!) \times 9)) &= ((9 \times ((8! - 7!) - ((6^5/4) + 3))) - 2) \times 1 \\ 299996 &:= (((1+2) \times 3!! + 4) \times 5!) - 6 - (7 - 8! - 9) &= ((9 \times ((8! - 7!) - ((6^5/4) + 3))) - 2) + 1 \\ 299997 &:= (((1+2) \times 3!! + 4) \times 5!) + ((6 + 7! \times 8) - 9) &= (((9 + 8) \times (7 + ((6! + 5!) \times (4! - 3)))) - 2) \times 1 \\ 299998 &:= (((1+2) \times (3! + 4)^5) + (6 - (7 - 8))) - 9 &= (((9 + 8) \times (7 + ((6! + 5!) \times (4! - 3)))) - 2) + 1 \\ 299999 &:= 1 - (2 + (((3! + 4)^5) \times (6 + ((7 - 8) \times 9)))) &= (9 \times (8 + (7! \times 6))) + ((5! + 4!^3 \times 2) - 1) \\ 300000 &:= ((1 \times 2 + 3!)! - 4!) + ((5 \times 6! + 7) \times 8 \times 9) &= (9 \times (8! - 7!) - 6!) - ((5! \times 4) \times (3!^2 - 1)) \end{aligned}$$

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