

Crazy Sequential Representations: Fill the Gaps (02)

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Introduction

Others have attempted to write the natural numbers from 1 to 11111 in terms of 1 to 9 (in increasing and decreasing order) by using the operations of addition, subtraction, multiplication, division and/or potentiation (and optionally parentheses).

For example:

Number	Increasing	Decreasing
10957	$(1+2)^{(3+4)}*5-67+89$	$(9+8*7*65+4)*3-2*1$
10958		$(9+8*7*65+4)*3-2+1$
10959	$12+3+456*(7+8+9)$	$9+(8*76*(5+4)+3)*2*1$
10960	$12+(3^4+5+6)*7*(8+9)$	$9+(8*76*(5+4)+3)*2+1$
10961	$(1+2+34)*(5*6+7)*8+9$	$(9+8*7*65+4)*3+2*1$
10962	$12*3^4*5+678*9$	$9876+543*2*1$

Generally these expressions are referred to as crazy sequential representations (CSR). Interestingly, only one CSR remains to be identified, the increasing CSR for 10958.

Historic Overview

Inder Taneja published five papers on arXiv (for 1 up to 11111):

ARXIV Version	Evaluated Range	Allowed Operations	Missing Increasing	Missing Decreasing	Valid Representations
1 (06-02-2013) ¹	44 to 1000	+ * ^	2	10	1902 (of 1914)
2 (19-03-2013) ²	44 to 4444	+ * ^	50	53	8699 (of 8802)
3 (05-06-2013) ³	44 to 11111	+ * ^ ()	590	605	20941 (of 22136)
4 (05-08-2013) ⁴	0 to 11111	+ * ^ () -	449	315	21460 (of 22224)
5 (08-01-2014) ⁵	0 to 11111	+ * ^ () - /	9	10	22205 (of 22224)

Authors published three papers on Figshare/Zenodo (for -2147483647 up to 2147483647):

Date	Title
12-06-2018	Crazy Sequential Representations: Exhaustive Search ⁶
14-06-2018	Crazy Sequential Representations: Negative Integers ⁷
18-06-2018	Crazy Sequential Representations: Without Subtraction and/or Division ⁸

Inder Taneja published three papers on RGMIA (for 11112 up to 30000):

Date	Title
12-09-2018	Crazy Representations of Natural Numbers From 11112 to 20000 ⁹
10-11-2018	Crazy Representations of Natural Numbers From 20001 to 25000 ¹⁰
10-11-2018	Crazy Representations of Natural Numbers From 25001 to 30000 ¹¹

Authors published one paper on Figshare/Zenodo (comparing results for 11112 up to 30000):

Date	Title
06-12-2018	Crazy Sequential Representations: 11112 up to 30000 ¹²

Authors published two papers on Figshare/Zenodo (improving our previous work):

Date	Title
14-12-2018	Crazy Sequential Representations: Simplifications (01) ¹³
24-12-2018	Crazy Sequential Representations: Fill the Gaps (01) ¹⁴

Aim

1. Provide valid CSR/NCSR for any invalid CSR/NCSR in our previous work ^{6,7,8,12,13,14}
2. Attempt to 'fill the gaps' in our previous work ^{6,7,8,12,13,14}

Thus, within the -2147483647 up to 2147483647 range;

- Identify any increasing CSR/NCSR, for integers without any increasing CSR/NCSR.
- Identify any decreasing CSR/NCSR, for integers without any decreasing CSR/NCSR.

CSR/NCSR 'with a final negation' were ignored during the "stocktaking" process. For example: For 52388 the following increasing CSR was previously published: $-(1^2-3*(-4*-56*78-9))$
Authors now attempted to identify an increasing CSR 'without a final negation' for 52388.

Existing Definitions

Default Notation

Notation as used by most programming languages, restricted to following characters:

1	2	3	4	5	6	7	8	9	+	-	*	/	^	()
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Potential CSR/NCSR

Valid mathematical expression, thus well-formed interpretable syntactic construct, matching against either of the following regular expressions (using @ delimiter):

@^[+-*/^]*1[-+*/^]*2[-+*/^]*3[-+*/^]*4[-+*/^]*5[-+*/^]*6[-+*/^]*7[-+*/^]*8[-+*/^]*9[-+*/^]*\$
@^[+-*/^]*9[-+*/^]*8[-+*/^]*7[-+*/^]*6[-+*/^]*5[-+*/^]*4[-+*/^]*3[-+*/^]*2[-+*/^]*1[-+*/^]*\$

Ignoring evaluation result (natural, integer, real, rational, indeterminate, etc.).

In terms of 1 to 9

Digits 1 to 9 occur once and in order, either in increasing or decreasing order.
 Digits can be used as individual numbers (thus 1, 2, 3, 4, 5, 6, 7, 8 and 9).
 Digits can be concatenated into larger numbers (for example 123, 4, 5, 6 and 789).
 Negative counterparts of numbers may be used as well (also used by Inder Taneja).

Genuine CSR

Natural number (or zero) in terms of 1 to 9 (in increasing or decreasing order) by using the operations of addition, subtraction, multiplication, division and/or potentiation (and optionally parentheses).

Genuine NCSR

Negative integer (or zero) in terms of 1 to 9 (in increasing or decreasing order) by using the operations of addition, subtraction, multiplication, division and/or potentiation (and optionally parentheses).

Pseudo CSR

Potential non-genuine CSR evaluating to **natural number** (or zero).
 For example, expressions with implicit multiplication by minus one.

Pseudo NCSR

Potential non-genuine NCSR evaluating to **negative integer** (or zero).
 For example, expressions with implicit multiplication by minus one.

Final Notes

Authors consider following CSR/NCSR to be proof-of-work, as identification of CSR/NCSR is computationally expensive, while verification of CSR/NCSR is computationally inexpensive.

Authors do not guaranty:

- Published CSR/NCSR are the shortest CSR/NCSR in existence.
- Published CSR/NCSR are in their simplest form.
- Unavailable CSR/NCSR do not exists.

Identification Results

Authors identified 44048 previously unknown increasing/decreasing CSR/NCSR:

	Increasing CSR	Decreasing CSR	Increasing NCSR	Decreasing NCSR
Total	7493	10346	7908	18301

Genuine CSR/NCSR were preferred over pseudo CSR/NCSR in case multiple were identified. In total 30873 genuine CSR/NCSR and 13175 pseudo CSR/NCSR were identified:

	Increasing CSR	Decreasing CSR	Increasing NCSR	Decreasing NCSR
Genuine	6635	8367	6169	9702
Pseudo	858	1979	1739	8599

Previously, authors published various pseudo CSR/NCSR 'with a final negation'. Authors now identified 16013 alternative genuine CSR/NCSR 'without a final negation'.

	Pseudo CSR/NCSR	Genuine CSR/NCSR
-18050	$-\left((1-2^3)^4+5^6+7+8+9\right)$	$1+(2^*-3*(45*67-8)-9)$
-20442	$-(1+2+3^{(4+5)}-(-6-78)*9)$	$-1-2-3^{(4+5)}-(6+78)*9$
52388	$-(1^2-3*(-4*-56*78-9))$	$1-2-3*(4*56*-78+9)$
53373	$-(1+2-3*-4^5*(-67/8-9))$	$-1-2-3*-4^5*(67/8+9)$
25484	$-(-98*(-7-6)*-5*4-3-(2-1))$	$98*(7+6)*5*4+3+2-1$
32387	$-(98/7-(((6-54)*3)^2)-1)$	$-98/7+((6+54)*3)^2+1$

Newly identified CSR/NCSR were tabulated in the following supplements:

- Supplement 1 : Increasing CSR within the 1 up to 2147483647 range
- Supplement 2 : Decreasing CSR within the 1 up to 2147483647 range
- Supplement 3 : Increasing NCSR within the -1 down to -2147483647 range
- Supplement 4 : Decreasing NCSR within the -1 down to -2147483647 range

Validation Results

Previously published CSR/NCSR ^{6,7,8,12,13,14} were extracted from the original PDF files and checked for validity. Authors attempted to identify valid alternatives in case invalid CSR/NCSR were identified.

Within the supplements of the following manuscript...

Date	Title
12-06-2018	Crazy Sequential Representations: Exhaustive Search ⁶

Four invalid CSR were identified. Three CSR originated from the “Reference Category”. This category contains the “validated CSR as originally published by Inder Taneja”. Unfortunately, these invalid CSR were not identified during our initial validation.

Page	Integer	CSR
189	10102	$1+(2+56*(3*4))*(7+8)-9$
212	474	$9*8+7*(54+3)+2+1$
213	512	$98+7*(54+3+2)+1$

For 474 and 512, valid alternative decreasing CSR were provided in the other categories:

	Shortest Without Division	Shortest Without Potentiation	Shortest Without Concatenation
474	$98+7-6+54+321$	$98+7-6+54+321$	$9*8*7+6-5-4^3/2+1$
512	$9*8+765-4-321$	$98/7+65+432+1$	$9*8*7+6+5+4-3*2-1$

For 10102, the invalid CSR was unfortunately used for each category (being the shortest):

	Shortest Without Division	Shortest Without Potentiation	Shortest Without Concatenation
10102	$1+(2+56*(3*4))*(7+8)-9$	$1+(2+56*(3*4))*(7+8)-9$	$1+(2+56*(3*4))*(7+8)-9$

For 10102, authors identified (slightly longer) valid alternatives for each category:

	Shortest Without Division	Shortest Without Potentiation	Shortest Without Concatenation
10102	$1+(-2+3*-4*56)*(-7-8)-9$	$1+(-2+3*-4*56)*(-7-8)-9$	$-(1-2^(3+4))*(-5+6+78)+9$

The fourth invalid CSR occurred twice in the “specific operations at consecutive indexes” supplement, namely at page 16405, breaking the “addition set” and “multiply set” for 475.

$9+8+5*(7+6)*(4+3)+2+1$	$9+8+5*(7+6)*(4+3)+2+1$
-------------------------	-------------------------

Valid alternative CSR (with the correct operation at the correct index) were identified:

$9*(8*7-6^(5-4))+3)-2*1$	$9*8+7+(6+5)*4*3*(2+1)$
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The complete sets are shown on the following page.

Number: 475 Length: 21	Number: 475 Length: 21
$9+(-87-6)*(5-4-3*2)+1$	$9*8*7-6*5+((4-3)^2)^1$
$(9+8)*7^(6-5)*4-3+2^1$	$(9*8+7)*6-(5-4)^3+2^1$
$(-9+8)*-7*65-(4-3)+21$	$9*8*7-6*5+((4-3)^2)^1$
$(9*8+7)*6-(5-4)^3+2^1$	$(9*8*7-6*5*(4-3)^2)+1$
$((-98+7*6)*-5-43)*2+1$	$(9+8)*7^(6-5)*4-3+2^1$
$98+(-7+65)*(4-3/-2+1)$	$(-9+8)*-7*65-(4-3)+21$
$(-98/-7+65)*-4*-3/2+1$	$(9*8+7)*6-(5-4)^3+2^1$
$-9*(8-(7+6+5+43))-2*1$	$(9*8*7-6*5*(4-3)^2)+1$
$9*8*7-6*5+((4-3)^2)^1$	$9-(-8-76)*5+43-(-2-1)$
$-9+8+7*(65+4-(3-2)^1)$	$98+(-7+65)*(4-3/-2+1)$
$-9*(8-76)-5+4*(-32-1)$	$9+8+5*(7+6)*(4+3)+2+1$
$9+8+(-7*-6+5+4)*3^2-1$	$9*8+7+(6+5)*4*3*(2+1)$
$-9+((-8+7)*65+43)^2*1$	$(-9-(8+7+6))*-5+4+321$
$9+8+5*(7+6)*(4+3)+2+1$	$(9+8)*7^(6-5)*4-3+2^1$
$9*(8*7-6^(5-4)+3)-2*1$	$(-98/-7+65)*-4*-3/2+1$
$(-9-(8+7+6))*-5+4+321$	$9-(-87-6)*5+4-3*(2-1)$
$9+(-87-6)*(5-4*3+2)+1$	$9+(-87-6)*(5-4-3*2)+1$
$(9+8)*7^(6-5)*4-3+2^1$	$(-9+8)*(-76-54*3)*2-1$
$(-9+8)*-7*65-(4-3)+21$	$(-9+8/7-(6+54))/-3*21$
$(9*8*7-6*5*(4-3)^2)+1$	$(9+8)*7^(6-5)*4-3+2*1$

Within the supplements of the following manuscript...

Date	Title
14-06-2018	Crazy Sequential Representations: Negative Integers ⁷

One invalid NCSR was identified:

Page	Integer	NCSR
163	-10102	$-(1+(2+56*(3*4))*(7+8)-9)$

Which is identical to the previously discussed invalid CSR:

$$1+(2+56*(3*4))*(7+8)-9$$

But 'with a final negation' to invert the sign:

$$-(1+(2+56*(3*4))*(7+8)-9)$$

Authors identified a valid alternative NCSR:

$$(1-2^(3+4))*(-5+6+78)+9$$

Within the supplements of the following manuscript...

Date	Title
18-06-2018	Crazy Sequential Representations: Without Subtraction and/or Division ⁸

Four invalid CSR were identified:

Page	Integer	CSR
19	270	$9+(8+7+65)*3+21$
22	474	$9*8+7*(54+3)+2+1$
23	512	$98+7*(54+3+2)+1$
164	10102	$1+(2+56*(3*4))*(7+8)-9$

The CSR for 474, 512 and 10102 are identical to the previously discussed invalid CSR. Valid alternatives (without “-” and “/” characters) were identified for 3 integers:

Integer	CSR
270	$98+76+(5+43)*2*1$
474	$(9+8)*7+6*5+4+321$
512	$9+87+(6*(5+4^3)+2)^1$

Supplement 3 and 4 were affected by “a small bug” in the PDF generation script, resulting in various integers without any valid CSR being tabulated (just integer itself is shown). See page 281 for an increasing example and page 508 for a decreasing example:

Integer	Increasing CSR	Integer	Decreasing CSR
43046807	43046807	43046749	43046749
43046808	43046808	43046750	43046750
43046810	43046810	43046752	43046752
43046811	43046811	43046753	43046753
43046813	43046813	43046754	43046754
43046814	43046814	43046759	43046759
43046815	43046815	43046760	43046760
43046816	43046816	43046761	43046761
43046817	43046817	43046762	$9+8+(76+5)^4+3+21$
43046818	43046818	43046763	43046763

Valid alternative CSR (without “-” and “/”) were identified for the majority. Example:

Integer	Increasing CSR	Integer	Decreasing CSR
43046807		43046749	$9^8+7+6+5+4+3*2*1$
43046808	$(1+2)*3^(4+5+6)+78+9$	43046750	$9^8+7+6+5+4+3*2+1$
43046810		43046752	$9^8+7+6+5+4+3^2*1$
43046811		43046753	$9^8+7+6+5+4*3+2^1$
43046813		43046754	
43046814	$(1+2)*(3^(4+5+6)+7)+8*9$	43046759	
43046815		43046760	$9^8+7+6+5*4+3*2^1$
43046816		43046761	$9^8+7+6+5*4+3*2+1$
43046817	$(1+2)*3^(4+5+6)+7+89$	43046762	$9+8+(76+5)^4+3+21$
43046818		43046763	

See supplement 5 for the increasing series and supplement 6 for the decreasing series.

References

1. <https://arxiv.org/abs/1302.1479v1>
Natural Numbers from 44 to 1000 in terms of
Increasing and Decreasing Orders of 1 to 9
Inder J. Taneja. Wednesday 6 Feb 2013.
2. <https://arxiv.org/abs/1302.1479v2>
Crazy Sequential Representation: Numbers from 44 to 4444 in terms of
Increasing and Decreasing Orders of 1 to 9
Inder J. Taneja. Tuesday 19 Mar 2013
3. <https://arxiv.org/abs/1302.1479v3>
Crazy Sequential Representation: Numbers from 1 to 11111 in terms of
Increasing and Decreasing Orders of 1 to 9
Inder J. Taneja. Wednesday 5 Jun 2013
4. <https://arxiv.org/abs/1302.1479v4>
More on Crazy Sequential Representation of Natural Numbers with Subtraction
Inder J. Taneja. Monday 5 Aug 2013
5. <https://arxiv.org/abs/1302.1479v5>
Crazy Sequential Representation: Numbers from 0 to 11111 in terms of
Increasing and Decreasing Orders of 1 to 9
Inder J. Taneja. Wednesday 8 Jan 2014
6. <https://doi.org/10.6084/m9.figshare.6483968>
<https://doi.org/10.5281/zenodo.1288822>
Crazy Sequential Representations: Exhaustive Search
A.E. Bras, V.H.J. van der Velden. Tuesday 12 Jun 2018
7. <https://doi.org/10.6084/m9.figshare.6516131>
<https://doi.org/10.5281/zenodo.1288892>
Crazy Sequential Representations: Negative Integers
A.E. Bras, V.H.J. van der Velden. Thursday 14 Jun 2018
8. <https://doi.org/10.6084/m9.figshare.6587117>
<https://doi.org/10.5281/zenodo.1292115>
Crazy Sequential Representations: Without Subtraction and/or Division
A.E. Bras, V.H.J. van der Velden. Monday 18 Jun 2018
9. <https://rgmia.org/papers/v21/v21a108.pdf>
MD5: BB89800FB86BDF830D28EB07241D78C1
Crazy Representations of Natural Numbers From 11112 to 20000
Inder J. Taneja. Wednesday 12 Sep 2018

10. <https://rgmia.org/papers/v21/v21a131.pdf>
MD5: D135C0F9A417B7221AE8B1225FDF7B8D
Crazy Representations of Natural Numbers From 20001 to 25000
Inder J. Taneja. Saturday 10 Nov 2018
11. <https://rgmia.org/papers/v21/v21a132.pdf>
MD5: 87BF426B1827555F5FB701F7DAE33969
Crazy Representations of Natural Numbers From 25001 to 30000
Inder J. Taneja. Saturday 10 Nov 2018
12. <https://doi.org/10.6084/m9.figshare.7429967>
<https://doi.org/10.5281/zenodo.1998118>
Crazy Sequential Representations: 11112 up to 30000
A.E. Bras, V.H.J. van der Velden. Thursday 06 Dec 2018
13. <https://doi.org/10.6084/m9.figshare.7467665>
<https://doi.org/10.5281/zenodo.2276623>
Crazy Sequential Representations: Simplifications (01)
A.E. Bras, V.H.J. van der Velden. Friday 14 Dec 2018
14. <https://doi.org/10.6084/m9.figshare.7505690>
<https://doi.org/10.5281/zenodo.2525823>
Crazy Sequential Representations: Fill the Gaps (01)
A.E. Bras, V.H.J. van der Velden. Monday 24 Dec 2018

Supplement 1

22097	G	$-1+2*(3+(4*5-6)*789)$	62878	G	$-1-(2+3-4*(5^6+7+89))$
24765	G	$-1-2+(345+6-7)*8*9$	63026	G	$-1+23+4*5^6+7*8*9$
26626	G	$1-2*(3-4^5*(6+7)-8)-9$	63152	P	$1-2-3^4-(45*6*78-9)$
30045	G	$1*(2+3)*(4^5*6-(7+8)*9)$	63264	G	$(1+23)*(4+56*(7*8-9))$
31474	G	$(-1*2)*(3+4-5^6-7*(8+9))$	64694	P	$-(1-2^3*(4^5-6-7)*8)-9$
31812	G	$-1-2+(3+4)*(567*8+9)$	64965	G	$(1+2/-3+(4^5+6)*7+8)*9$
31826	G	$1*2+3^4*56*7+8*9$	64977	G	$(1-2/-3+(4^5+6)*7+8)*9$
31840	G	$1-2+3^4*56*7+89$	65299	G	$-1-(2^3-4*(5^6+78*9))$
33054	G	$-1+(2*345*6-7)*8-9$	66705	G	$-1-(2-34*(5*6*7+8)*9)$
33166	G	$-1-(2*345*6-7)*8-9$	66822	G	$-1+(2*3)^4+(5+6-7)^8-9$
33427	G	$-1-2*((-3-4)^5+6+78+9)$	67591	G	$(1+2*3+4^5*(67+8-9))$
33477	G	$-1-2-3^4*5*(-6-7*8)*9$	67878	G	$(1*2^3*4)*5-6*(-78+9))$
33938	G	$(-1+2)*(-3-4+5*6789)$	68369	G	$1-2+(3^4+5)*(6+789)$
34189	G	$-1-(2/3-4*(5+6))*789$	68768	G	$1-2+3^4*(56*(7+8)+9)$
36338	G	$-1-(23*4*5-6)*78-9$	69549	G	$-1-2+(-3-4^5)*6*7*8*9$
36703	G	$-1-2^3*(4+56*(7-89))$	69767	G	$-1-(-2^3-4*(5-(6-7)))*(8+9)$
38578	G	$-1+23+4*567*(8+9)$	70446	G	$-1-(2+(-3-4^5+6)*(78-9))$
38696	G	$-1+2*3^4(4+5)-678+9$	70473	P	$1+2-3*45*6*7-(78+9)$
38944	G	$(-1*2)^3*(4-56*(78+9))$	71061	G	$-1-2+(3*45+6)*7*8*9$
40206	G	$1-2-3*(4^5*(6-7)-89)$	71249	G	$-1-(2+3)^4*(5*(-6-7-8)-9)$
40232	G	$1-2^3-(-45-6)*789$	71274	G	$-1-(2-(3+(4^5+6)))*(78-9))$
41223	P	$1-2-3^4*5*(-678+9)$	71786	G	$-1+(2*3)^4*56-789$
41325	G	$-1-2+((3+4)+567)*8*9$	72016	G	$(-1+(2*3)^4)*56-7*8*9$
41350	G	$-1-2+(3^4)^5/6-7*(8+9)$	72640	G	$-1+(2*3)^4*56+7*8+9$
41738	G	$-1-2+(3^4-5)*67*89$	72814	G	$-1+23+(4^5-6-7)*8*9$
44008	G	$-1-23+4^5*(6*7-8+9)$	73869	G	$-1-2+(3+(4^5+6)-7)*8*9$
44054	G	$-1+23+4^5*(6*7-8+9)$	74418	G	$(1*2*3^4-5)*6*(7+8*9)$
44874	G	$-1-(2+3)^4*(5*(6-7)-8*9)$	74425	G	$1-(23-4^5/6)*(7*8*9)$
45139	G	$1+2^(3^4)*(5+6)-7+89$	74686	G	$-1+23+(4^5+6+7)*8*9$
45192	G	$-1-(2-345*(6*7+89))$	75017	G	$-1+2*(3^4*5^6*(6+7-8)+9)$
45267	G	$-1-2+3^4*(567-8)-9$	75423	G	$(1+2*3^4*5)*6*(7+8+9)$
45400	G	$-1-((2*3)^4*(5-6)*7+8-9)$	76803	G	$-1-(2+3)^4+5*(67+8)+9$
45527	G	$-1+2^3*(4+5678+9)$	76819	G	$-1-((-2*3)^4-5*(6-(7-8)))-9$
51277	G	$-1+23+45*67*(8+9)$	77117	G	$-1+2*(3-4^5*67*(8-9))$
51518	G	$1-2+(3^4-5)*678-9$	77342	G	$-1-(2-3^4*(5+6))*(78+9)$
51536	G	$1-2+(3^4-5)*678+9$	77343	G	$-1*(2-3^4*(5+6))*(78+9)$
51539	G	$1*2+(3^4-5)*678+9$	77492	G	$1-(2+3)^4+5*(6-7+8)-9$
52204	G	$-1-(2-(3^4*5+6-7)*(8+9))$	77954	G	$-1*2*3^4+5*(6-7+8)-9$
52388	G	$1-2-3*(4*56*7-8+9)$	78554	G	$1-2+3+(4^5+67)*8*9$
52895	G	$1-2-(3^4-5)*(6-78*9)$	79158	G	$-1-2-(3-(4^5-6))*78-9$
53273	G	$1-2+(3+4^5*6)*78/9$	79162	G	$-1+2-(3-(4^5-6))*78-9$
53338	G	$1+2^(3+4+5)*(6+7)+89$	79253	G	$1-2-34*(5*6*7-8+9)$
53373	G	$-1-2-3^4*(67/8+9)$	79371	G	$-1-(23-(4^5-6)*78)-9$
53724	P	$-1-(2/3^4*5+6)*78+9$	79626	G	$-1-2-(3-4^5+6)*78-9$
53786	G	$1*2-3^4*(5-678+9)$	80036	P	$-(1+(-2^3-4^5+6)*78)+9$
54255	G	$-1-2^3+456*7*(8+9)$	80444	P	$-(1-23)+(4^5-6)*(7+8*9)$
54286	G	$-1+23+456*7*(8+9)$	80562	G	$-1-2+(3+(4^5+6))*78-9$
54616	G	$-1+23+(4^5*6-78)*9$	80720	G	$((1*2^3)^4-5^6*(6+7+8+9)$
55381	G	$1+234*5*6*(7+8/9)$	81463	G	$(-1*2*(-3^4+5))*67*8-9$
55492	G	$1+(23+4^5)*((6+7*8)-9)$	81481	G	$1*2*(3^4-5)*67*8+9$
56438	G	$-1+(23*(-45+6)*-7-8)*9$	82163	G	$-1-(2*3^4+5)*6*(7-89)$
56708	G	$(-1+2)*(-3^4+56789)$	82501	G	$((-1*2^3*4)^5*6+7)*(-8-9)$
56755	G	$(1-2)*34+56789$	82518	G	$(-1+2*3^4*5)*(6+7+89)$
58049	G	$1-2+(3^4+5)*(67+8)*9$	82739	G	$1*(2*3^4-5)*(67*8-9)$
58051	G	$-1+(2+(3^4+5)*(67+8)*9)$	82912	G	$-1-(2*((3^4-4)^5/6+7)+8)-9$
58647	G	$-1-2-34*5*(-6*7*8-9)$	83073	G	$-1+2*((3^4)^5/6-(7-8*9))$
59640	G	$(1+2/3-4^5*6)*(7*-8*9)$	83227	G	$-1-2+(3-4^5+6)*(7-89)$
59668	G	$-1-(23-4*(5^6-78*9))$	83498	P	$-1+23+(4^5-6)*(-7-89)$
59775	G	$-1-(2+(3/(4-5))^6*(7-89))$	85566	G	$1+(2*3^4-5)*(67*8+9)$
61636	G	$(-1-2*3^4*5)*(6+7-89)$	87016	G	$-1-23+4^5*(6+7+8*9)$
61708	P	$(-1+2)*(-3-(4/5^6-789))$	87062	G	$-1+23+4^5*(6+7+8*9)$
61733	G	$-1+23+4^5*6-789$	87531	G	$1+2+(3+4^5/6)*(7*8*9)$
62022	G	$-1+(2-3)+4*(5^6-7*(8+9))$	87578	G	$1-2+(3^4+5*6)*789$
62128	P	$-1-23-4*(-(-5^6+78)-9)$	87582	G	$1+2+(3^4+5*6)*789$
62138	P	$-1+23-4*(-(-5^6+7)-89)$	87633	G	$(1*2*3^4)*(5+6*7*8)-9$
62148	G	$-1-(23-4*(5^6+7-89))$	87651	G	$(1*2*3^4)*(5-6*7*8)+9$
62709	G	$(-1*2)*3+4*(5^6+7*8)-9$	88302	G	$-1-2+(-3-(-4^5+6))*(78+9)$
62770	G	$-1-2-3+4*(5^6+78-9)$	88701	G	$-1-2+(34*5+6)*7*8*9$
62842	G	$-1-2-3+4*(5^6+78+9)$	88743	P	$1+2-34*5*6*7-(78+9)$
62860	G	$-1-23+4*((5^6+7)+89)$	89346	G	$-1-2-(3-4^5-6)*(78+9)$

89601	G	$(-1-2)^*3+(4^5+6)^*(78+9)$	110013	P	$(-1-23*4-5^6)^*7-8)+9$
89604	G	$(-1^*2)^*3+(4^5+6)^*(78+9)$	110437	G	$1^*(2^*3^4+5^6)^*7-8^*9$
89989	G	$1-2^*3^*(4-(5^6-7^*89))$	110508	G	$(1^*2^*3^4+5^6)^*7+8-9$
90023	G	$-1-(-2+3-4^5)^*(6-7+89)$	110811	G	$1+2+3^*(4^4(5-6+7)+8)^*9$
90325	G	$1-(2^*3^4*(5-67)+8)^*9$	111015	G	$1-(-234-5^6)^*7-8+9$
90467	G	$-1-(2^*3^4*(5-67)-8)^*9$	111617	G	$-1+(2^*(-3-4^5)^*-6+78)^*9$
90555	G	$-1-2+(3^*45-6)^*78^*9$	111724	G	$1+(2^*3^4+5)^*(678-9)$
90813	G	$1-2-34^*(5^*67^*-8+9)$	112001	G	$-1+2^*(3+(4^5*6+78)^*9)$
91828	G	$-1+(2^*(3^4*567-8)-9)$	112637	G	$-1-2-3^*4^5*6^*(7-8/9)$
91896	G	$-1-2+(-3+4^5)^*6^*(7+8)+9$	112749	G	$-1-2+(-34+5)^*6^7/(-8^*9)$
92436	G	$-1-2+(3+4^5)^*6^*(7+8)+9$	113216	G	$-1+(2^*3^4+5)^*678-9$
92778	G	$(-1^*2^*3^4+5^6)^*(7+8-9)$	113234	G	$-1+(2^*3^4+5)^*678+9$
93561	G	$-1-2^*(3^*(4-5^6)-7+89)$	113382	G	$(1^*2^3)^4+5^6*7-89$
94062	G	$-1^*2/3^*((4-5^6-7^*8)^*9)$	113488	G	$(1^*2^3)^4+5^6*7+8+9$
94469	G	$-1+2^*(3+4^5*(6-7/8)^*9)$	113543	G	$(1^*2^3)^4+5^6*7+8^*9$
94722	P	$(-1^*2^*3^4-5^6)^*(-7+8-9)$	113560	G	$(1^*2^3)^4+5^6*7+89$
95483	P	$1+2+(-3+4-5^6)^*(-7-8/9)$	113562	G	$(1^*2^*3^4)^*(5-6+78^*9)$
95608	G	$(-1^*2^*(-3^4+5))^*(6+7^*89)$	114309	G	$(1^*2^*3^4+5/6)^*78^*9$
95615	G	$-1-(-2-3^4)^*(-5-(-6-7)^*89)$	115125	G	$-1-2+(34^5-6)^*78^*9$
96066	G	$(-1^*2^*3^4)^*(5^*6-7^*89)$	115302	G	$-1+2^*(3+(-4^5-6)^*7)^*-8-9$
96765	G	$-1-(2+3^4*5/(6/7-8/9))$	115563	G	$-1-(2-34^*(5^*678+9))$
96998	G	$1+2-(-3-4^5)^*((6+7)^*8-9)$	115671	P	$1+2-3^*4^5*67^*(-8+9)$
97214	P	$-(1^*2)+(-3+4-5^6)^*-7^*8/9$	117527	G	$-1-2+(3^*4-5)^4*6-7^*(8+9)$
97437	G	$-1-2+(-3-(-4^5+6))^*(7+89)$	117615	G	$-1+(2+(3+4)^5+6)^*7-89$
97562	G	$-1-2+(3+4^5)^*((6+7)^*8-9)$	117974	G	$-1+(2+3^4(4+5))^*6-(7+8)^*9$
97667	G	$-1-(2-3^4*(56+78))^*9$	118277	G	$1+2^*(3^4(4+5-6+7)+89)$
97685	G	$1-2+3^4*(56+78)^*9$	118356	G	$(1^*234+5/6)^*(7^*8^*9)$
97733	G	$1^*2+3+(4^5-6)^*(7+89)$	121088	G	$-1-2-(3-(4^5-6)^*7)^*(8+9)$
97923	P	$1+2-34^*5^*6^*(-7+89)$	122516	G	$-1-2-(3-(4^5+6)^*7)^*(8+9)$
98871	G	$(-1-2)^*3+(4^5+6)^*(7+89)$	122518	G	$1-2+(3+(-4^5-6)^*7)^*(-8-9)$
99040	P	$(-(-1-2/3-4^5)+6)^*(7+89)$	122575	G	$1^*2+3+(4^5+6)^*7^*(8+9)$
99774	G	$-1-((2^*3)^4*(5-6)^*7+8)-9$	122795	G	$-1+2^*3^4*(56+78^*9)$
101331	G	$(1+(2+3)^4*(5+6+7)+8)^*9$	123164	G	$-1+23^*(4^5*6-789)$
101398	G	$-1+23+4^5*(6^*(7+8)+9)$	123704	P	$(-1^*2^*-3^4-5^6)^*(-7-(8-9))$
101870	G	$-1-(-2-(3+4^5))^*(6^*(7+8)+9)$	124249	G	$((1-23)^4+5^6)-7)^*8+9$
102392	G	$-1-(2^*3)^4*(5-(6+78))+9$	124302	P	$-1-(-2+3^4-5^6)-7)^*8-9$
102515	G	$-1+2^*(3-45^*67^*(-8-9))$	124328	P	$(-1-2-3^4+5^6)^*(-7+8-9)$
102786	P	$-1-2+3^4(-4-5)+6)^*(7^*8-9)$	124350	G	$1^*2^*(3+4^*(5^6+7-89))$
102792	P	$1+2+3^4(-4-5)+6)^*(7^*8-9)$	124520	P	$-(1+(2^*34-(5^6+7))^*8)+9$
103065	G	$(1-2^*(3^4-5))^*678+9$	124664	P	$-1-(-2-(34-5^6)-7)^*8)+9$
103075	G	$1+2^*((3^4-5)^*678+9)$	124719	G	$(-1^*(23+4-5^6+7))^*8-9$
104305	G	$-1-23+(4^5*6-7)^*(8+9)$	124790	G	$-1-2-(34-5^6-7)^*8+9$
104351	G	$-1+23+(4^5*6-7)^*(8+9)$	125117	G	$1-2^*(3-4^*(5^6-7)-89)$
104418	G	$-1-(2-3^*(4^5*(5-(6+78)-9)))$	125186	G	$-1^*2^*(3-4^5*6-(7+89))$
104513	G	$-1-2-(3-4^5*6-7)^*(8+9)$	125300	G	$1+234+(5^6+7)^*8+9$
105117	G	$-1-(2-3^*(45+6^7/8))+9$	125560	G	$(1-2^*3)^4+(5^6-7)^*8-9$
105330	G	$-1-2+3^*((4^5+6^7)/8-9)$	125578	G	$(1-2^*3)^4+(5^6-7)^*8+9$
105846	G	$(1-2+(3+4)^*(5^6-7^*8^*9))$	125603	G	$1^*2+(3^4+5^6-7)^*8+9$
106110	G	$1^*2^*3^4*5^*(6^*7+89)$	125715	G	$1^*2+(3^4+5^6+7)^*8+9$
106111	G	$1+2^*3^4*5^*(6^*7+89)$	125730	G	$1-(-2-(3^4+5^6+7))^*8+9$
106172	G	$-1-(2+(3-4^5)^*(6+7)^*8+9)$	125769	G	$((1+2)^*34+5^6)-7)^*8+9$
106317	G	$1-2-34^*(56^*7^*-8+9)$	126243	G	$(-1+(2^*3^4+5)^*(6+78))^*9$
106554	G	$-1^*(2-34^*(5^6(6+7-8)+9))$	126296	P	$(-1^*2^*3^4-5^6)^*(-7-(8-9))$
106796	G	$-1-2+(3+4^5)^*(6+7)^*8-9$	126725	G	$-1+2^*(3+4^5*(6+7/8)^*9)$
107859	G	$1^*(2^*3^4-5)^*(678+9)$	128005	G	$1^*2+3+4^5*(6+7^*(8+9))$
108018	G	$-1-(2-3^*(4^5+(6^7/8-9)))$	128608	G	$1+(2^*3^4-5+6)^*789$
108052	G	$-1+(23-4)^*(5678+9)$	128997	P	$(-1-(2^*3)^4*(5+6)+78)^*9$
108069	G	$-1-2+3^4*56^*(7+8^*9)$	129765	G	$1+2+3^4*(5+6+7)^*89$
108242	P	$(-1^*2^*3^4-5^6)^*7-8)+9$	129927	P	$(-1-(2+3)^4-5^6)-7)^*8-9$
108258	G	$(-1^*2^*3^4+5^6)^*7+8+9$	130029	G	$(1+2+3^4*(5+6+7))^*89$
108330	G	$(-1^*2^*3^4+5^6)^*7+89$	130952	G	$-1+2^4(3+4^5-6)-7^*(8+9)$
108434	G	$-1+((2^*3)^4-5)^*(6+78)-9$	132030	G	$(1^*2^*3^4)^*(5+6^*(7+8)^*9)$
108461	G	$(-1-(2^4(3+4)-5^6)^*7-8)-9$	132359	G	$-1-(2-34^*(5+6^7/(8^*9)))$
108533	G	$-1+2^*(3-456^*7^*(-8-9))$	132482	G	$1-2-(3+4^5)^*(6-(7+8)^*9)$
108790	G	$1-2-(3^4-5^6)^*7-8-9$	132881	G	$(1^*2^*34)^*(5^6+7)/8+9$
108866	G	$1^*(-2-3^4+5^6)^*7+8^*9$	132890	G	$(1^*2)^*(34^*(5^6+7)/8+9)$
108879	G	$-1-2+(3+4^5)^*6^*789$	133908	P	$-1-2-(-3+4)^5+67)^*8-9$
108987	G	$-1-(2^*34-5^6)^*7+89$	134622	G	$(-1^*2^*-3^4)^*(56^*(7+8)-9)$
109017	G	$(-1^*2/3^4)^*(5-678)-9$	134816	G	$-1-(-2-(3+4)^5-6^*7)^*8+9$
109952	G	$(1-2+3^4+5^6)^*7+8+9$	134998	G	$-1+(2+(3+4)^5+67)^*8-9$

135353	G	$-1-2-(3+4-5^6)*78/9$	172775	P	$1*2+3^(-4-5)+6)^*(7+8*9)$
136498	G	$1+(2*3^4+5+6)*789$	172845	P	$-(1+2-(3+4)^(5+6-7)*8)^9$
136581	G	$-1-2+(34^5*6-7)*8*9$	173128	P	$(1*2*(-3^4+5))^*67*-8+9)$
136748	P	$-((1+2*(3-4^5))*67+8)+9$	173708	G	$-1-(2*3)^4-5*(-6^7/8-9)$
136992	G	$-1*2*((3-4^5)*67-89)$	174379	G	$-1-(2+3)^4+5*(6^7/8+9)$
137146	G	$-1-2+(3+4^5)*67*89$	175076	G	$-1+2*3^4+5*(6^7/8-9)$
137204	G	$1-2*(3-4^5*67+8)+9$	175184	G	$-1+234+5*6^7/8-9$
137310	G	$-1+2*(3+4^5*67)+89$	175629	G	$-1+(2+3)^4+5*(6^7/8+9)$
137566	G	$1-(2-((3+4^5)-6))*(7+8)*9$	176294	G	$-1+23*((4^5-67)*8+9)$
137635	G	$(1*2)*(3+4^5)*67+8+9$	176300	G	$-1+(2*3)^4-5*(-6^7/8-9)$
139144	G	$-1-(-2*(3-4+5)^6+7)*(8+9)$	176373	G	$(-1*(2-3^4(4+5)+6)-78)*9$
140343	G	$-1-2+(3+4^5)*678*9$	176454	G	$-1*((2-3^4(4+5))+67)+8)^9$
141863	G	$-1+23*(4^5*6+7+8+9)$	176995	G	$(-1+23*4)*((5^6+7)/8-9)$
142312	G	$-1-(23-4^5*(67+8*9))$	178824	G	$1+(2*3^4-5)*67*(8+9)$
142341	G	$1*2+3+4^5*(67+8*9)$	178939	G	$-1+23*4*((5^6+7)/8-9)$
142350	P	$1+2+3^(-4-5+6))*7*8+9)$	179170	G	$(1*2-3^4(-4+5+6))*7(8-9)$
143063	G	$-1-(2*(-3-4^5)+67)*8*9$	179498	G	$(-1*2-3^4(-4+5+6))*7(8-9)$
143308	G	$(1-2^(3*4))*-5-6)^7-8-9$	179562	G	$1+23*(4*(5^6+7)/8-9)$
143447	G	$-1-(-2^3-4^5)*67+8*9$	179815	G	$1+23*(4*(5^6-7)/8+9)$
143960	G	$1-2+(3-4^5)*(6+(7+8)*9)$	180063	P	$-((-1+2^4(3*4))*-5+6*78)^9$
144406	G	$-1+23+4^5*(6+(7+8)*9)$	180143	G	$-1-(2*3)^4*(5-6*(7+8+9))$
145229	G	$1-2+3*(4^5+6)*7*8-9$	181278	G	$1+2+3*(4^5*(67-8)+9)$
145405	G	$-1-2-3*4^5*-6*(7+8*9)$	182506	G	$1+23^4*5/(6-(-7-8)/9)$
145589	G	$-1+2*(3+(4^5-6-7)*8*9)$	183011	G	$-1+2*(3-(4-(5+6))^7+8)/9$
146206	P	$-(1+2*3^4*(5+6))*7(8-9)$	183573	G	$(1+2^4(3*4)*5-6-78)*9$
147612	G	$-1-2+3*(4^5*6+7)*8-9$	183654	G	$(1+2^4(3*4)*5-67-8)*9$
151041	G	$(1*2+3^4(-4+5+6))*7(8-9)$	184976	G	$-1-(2-3^4*5)*(6*78-9)$
151635	G	$1+2+(-34-5)*6^7/(-8*9)$	184986	G	$(1+2^4(3*4)*-5-67-8)*-9$
153363	G	$-1+23*(4-56*7*(-8-9))$	185067	G	$(1+2^4(3*4)*-5-6-78)*-9$
153768	P	$1+2-3*45*67*(-8+9)$	185898	G	$1+2+3^4*5*(6*78-9)$
154841	G	$1*23^4-5^6*(7-(8-9))$	186834	P	$-1-2-3*4*-5(6-7*8)+9$
154888	G	$(1*23)^4-(5^6-7)*8-9$	187197	G	$-1-2+3*(4*(5^6-7)-8*9)$
154906	G	$1*23^4-(5^6-7)*8+9$	188022	G	$-1-(2-345*(67*8+9))$
156158	G	$-1*23^4-5^6*(7-(8+9))$	188178	P	$-1-2-3*4*-5(6+7*8)+9$
156166	G	$-1+2*(3+(4-(5-6))^7)-89$	188812	G	$-1+(2+3^4*(5*6*78-9))$
156167	G	$1*2*(3+(4-(5-6))^7)-89$	189453	G	$(1-2+3^4*5*6)*78-9$
156335	G	$-1+2*(34+5^6-(7-8)+9)$	189519	G	$-1+23*(4^5+6)*(7-8+9)$
156367	G	$-1-(2+(3*4+5^6))*(7-(8+9))$	189552	G	$1+2+3^4*5*6*78+9$
156963	P	$1+2+(3^4(-4-5+6)-7)*8*9$	189687	G	$1*(2+3^4*5*6)*78-9$
156993	G	$-1-2+(-3+45)*6*7*89$	189705	G	$1*(2+3^4*5*6)*78+9$
157413	G	$-1-(2-(3^4(4+5)-6)*(7-(8-9)))$	190272	P	$1+2-3^4(-4-(-5-6))*-(78+9)$
157870	G	$(-1*2*3^4-5^6)*7(8+9)$	191643	G	$-1-2+(3+45^6)*78*9$
157965	P	$-1-2+(3^4(-4-5+6)+7)*8*9$	193472	G	$-1-(-2-3^4)*5(6*78-9)$
157971	P	$1+2+(3^4(-4-5+6)+7)*8*9$	193633	P	$1+2-34*5*67*(-8+9)$
159351	G	$-1-2+(3+4^5*6)*78*9$	194138	G	$-1+(2+3^4*5)*(6*78+9)$
159751	G	$1+2*3+4^5*(67+89)$	194203	G	$-1+2*(3+(4^5+67)*89)$
160209	G	$-1-(2+(-3-4^5)*67+89))$	195372	G	$(1*2*3^4)*(56+78)*9$
160683	G	$1*2*(-3+(4^5+6)*78)+9$	196574	G	$1-2-3*(-4*(56/7)+8)-9$
160691	G	$-1+2*(-3+(4^5+6)*78+9)$	198285	G	$-1-2-(3/4-5)*6^(7+8-9)$
161624	G	$(-1-(2-3^4)*5*6-7)*89$	199258	G	$-1*2-3^4*5*6*(7-89)$
162795	P	$1+2-3*456*7*(-8+9)$	199317	G	$-1-(2-3*((4+5)^6+7)/8+9))$
163509	G	$-1-2+(3+4^5*67)*8*9$	199424	P	$(1*2+3^4*5*6)*-(7-89)$
164562	G	$-1-(2-345*(6*78+9))$	200243	G	$-1-(2+3^4*5)*6*(7-89)$
165486	G	$1+2+3*(4^5*6-(7+8))*9$	202605	G	$-1-2+(-3+45)*67*8*9$
166292	G	$-1-2+3*(4^5*6+7+8)*9$	203514	G	$-1+((2-(3+4))^5-6)*(7-8*9)$
166296	G	$1+2+3*(4^5*6+7+8)*9$	205554	G	$-1-2+3*(4^5*67-89)$
167485	G	$-1+23*((4^5+6)*7+8*9)$	205692	G	$1-((2-3*4^5)*67+8)+9$
167667	G	$-1-2+3^4*5*6*(78-9)$	209184	G	$1*2/3*((-4^5+6^7)/8*9)$
167673	G	$1+2+3^4*5*6*(78-9)$	210104	G	$-1+23*(4^5+6-(7+8))*9$
168919	G	$-1-(-2*(-3-4^5)+6)*7(8-9)$	210144	G	$(1*2+3^4*(-4+5+6))*7(8+9)$
170449	G	$1*23^4-5^6*7-8-9$	210699	G	$(-1*2*(3/4*(-5^6+7)+8))^9$
170450	G	$1+23^4-5^6*7-8-9$	211407	G	$-1-2+3^4*5*6*(78+9)$
170465	G	$1*23^4-5^6*7+8-9$	212109	G	$-1-2+3*(4^5-6*7)*8*9$
170538	G	$1*23^4-5^6*7+8*9$	212177	G	$(1+2*3^4*(5+6))*7*(8+9)$
170579	G	$1*2+3^4(-4+5+6)*78-9$	212379	G	$-1-2+(3*4^5+6)*(78-9)$
170593	G	$-1*2+3^4(-4+5+6)*78+9$	212454	G	$(1*(2+3^4*5)*6)*7(8+9)$
170597	G	$1*2+3^4(-4+5+6)*78+9$	212934	G	$-1+2*(3-4^5*(6+7))*-8-9$
171026	G	$(1+2*3+4)*(5^6-78)+9$	213027	G	$(1-2)*(3-45*6*789)$
172615	G	$-1*(2-3^4(-4+5+6))*(7+8*9)$	213422	G	$(-1-2+(3+4)^(5+6-7))*89$
172632	G	$(1+23)*(4^5+6)*7-(8+9)$	213686	G	$-1-2+(3+4)^(5+6-7)*89$

213828	G	$-1-2+(3^4)^5-6^7/8-9$	244289	G	$1^2+(3^4*5^6+7+8)^9$
214818	G	$-1-(-2-3/4)^*(5^6-(7-8))-9$	244290	G	$1+2+(3^4*5^6+7+8)^9$
216097	G	$1-2/3*((-4^5-6^7/8)^9)$	245091	G	$-1-2+(3^4)^5-6^7*89$
216117	G	$(1^2+3^4*5)^*(6^7-8)^9$	245493	G	$1*((2+3^4*5)^6+7+8)^9$
216191	P	$-1-2^-(3-4)^*(5^6-7^8-9)$	245805	G	$-1-2-(-3^4)^5-6^7*8^9$
216714	G	$-1-(2-3^4*5^6-7)^*89$	246333	P	$1+2-345^6*7^8-(8+9)$
216895	G	$1^2+(3^4*5^6+7)^*89$	247114	P	$-((1+2^3)^4*5-6^7+8)-9$
216896	G	$1+2+(3^4*5^6+7)^*89$	247132	P	$-((1+2^3)^4*5-6^7+8)+9$
217293	G	$-1-2+(3+45^6)^*8^9$	247224	G	$-1*(23*(4^5/6)^7+8)^9$
217527	G	$(-1^2*(3^4-5^6))^*7-89$	247330	G	$-1-(2-3^4*5+6)^*7^89$
217544	G	$(-1^2*(3^4-5^6))^*7-8^9$	247368	G	$1*(23*(4^5/6)^7+8)^9$
217599	G	$(-1^2*(3^4-5^6))^*7-(8+9)$	248046	G	$-1-2+(3^4)^5+6-789$
217607	G	$(-1+2+3^4*5)^*6^7*8-9$	248115	G	$-1-2-(-3^4)^5-6^7*(8+9)$
217615	G	$(-1^2*(3^4-5^6))^*7+8-9$	248121	G	$-1-(2-(3^4)^5+6)-78^9$
217617	G	$(-1^2*(3^4-5^6))^*7-(8-9)$	248123	G	$1-2-(-3^4)^5-(6+78^9)$
217633	G	$(-1^2*(3^4-5^6))^*7+8+9$	248284	G	$-1-2+(3^4)^5-6^7*8-9$
217688	G	$(-1^2*(3^4-5^6))^*7+8^9$	248321	G	$1-2-((-3^4)^5+6-7^8*9)$
217705	G	$(-1^2*(3^4-5^6))^*7+89$	248343	G	$1+2+((3^4)^5+6*(7-89))$
219795	G	$(1^2*(3^4+5^6))^*7-89$	248361	G	$1+2+(3^4)^5-6^7(7+8^9)$
219812	G	$(1^2*(3^4+5^6))^*7-8^9$	248399	G	$-1*(2-(3^4*5-6)^7)^*89$
219867	G	$(1^2*(3^4+5^6))^*7-(8+9)$	248439	G	$-1-2+((3^4)^5-6^7(7+8+9))$
219883	G	$(1^2*(3^4+5^6))^*7+8-9$	248502	G	$-1-2+(3^4)^5-6^7*8+9$
219885	G	$(1^2*(3^4+5^6))^*7-(8-9)$	248547	G	$-1-2+(3^4)^5-6^7(7^8-9)$
219901	G	$(1^2*(3^4+5^6))^*7+8+9$	248583	G	$(-1^2*(3^4-5^6+7))^*8-9$
219956	G	$(1^2*(3^4+5^6))^*7+8^9$	249219	G	$-1-2+(3^4)^5-6^7(7-8^9)$
219973	G	$(1^2*(3^4+5^6))^*7+89$	249288	G	$-1-2+(3^4)^5+6^7*8-9$
221692	G	$-1-(-2-3^4)^*(5^6+7^8-9)$	249446	G	$-1-(2-(3^4)^5+6)+7^89$
222345	G	$((1+23)^*(4^5+6)-(7+8))^*9$	249448	G	$(-1-2*(3^4-5^6))^*(7-(8-9))$
222471	G	$((1+23)^*(4^5+6)+7-8)^*9$	249498	G	$-1-2+(3^4)^5+6^7*8-9$
223996	G	$-1-23-4/5*(-6^7-89)$	249516	G	$-1-2+(3^4)^5+6^7*8+9$
224017	P	$(-1+2)^*(-3-4/-5*(-6^7-89))$	249525	G	$-1-(2-(3^4)^5+6)+78^9$
225638	G	$-1-(2+(3-4^5)^*(6+7)^*(8+9))$	249612	G	$-1-(2-(3^4)^5+6)+789$
226286	G	$-1-(-2+3-4^5*(6+7))^*(8+9)$	249624	G	$-1-2+(3^4)^5+6+789$
226579	P	$1+2-34^5*6^7*(8+9)$	250198	G	$1^2*(34+(5^6+7)^*8+9)$
228309	G	$-1-2+(-3+456)^*7^8^9$	250263	G	$-1+(2-3*(4^5-6))^*(7-89)$
229272	G	$-1-(2*(3-(4-5))^6)^*7^8+9$	250323	G	$1+2*((3^4+5^6+7)^*8+9)$
229293	G	$-1+2^*(3^4)^5+6+7-89$	251175	G	$(1^2*(3^4-(-5^6+7)))^*8-9$
229305	G	$1+2^*(3^4)^5+6)^*7-8^9$	251231	G	$(1^2*(3^4+5^6)-7)^*8-9$
230000	G	$1+2^*(3^4)^5+6+7^89$	251296	G	$(1^2*(3^4+5^6))^*(7-8+9)$
230037	G	$-1-2+(3+456^7)^*8^9$	251343	G	$(1^2*(3^4+5^6+7)^*8-9$
230253	G	$-1-2+3*(4^5+6^7)^*8^9$	251361	G	$(1^2*(3^4+5^6+7)^*8+9$
230430	G	$1+2-3*(4^5*(6-7-8)-9)$	251399	G	$(1^2*(3^4+5^6+7))^*8-9$
231199	G	$1+(23^4-5^6)^*7/8+9$	251417	G	$(1^2*(3^4+5^6+7))^*8+9$
231936	G	$(-1^2*3^4+5^6)^*(7+8)-9$	253136	G	$1^2+3^4*5^6(6+7-8)+9$
231954	G	$(-1^2*3^4+5^6)^*(7+8)+9$	253653	G	$-1-(2-(3^4)^5-6^7*8^9)$
231983	G	$-1-(2^3)^4*(-5*(6^7-8)-9)$	253857	G	$(1+2-3^4*5^6)^*7^8+9$
233045	G	$-1-(23^4-5^6*(7+8)-9)$	253895	G	$(-1^2+3^4*5^6)^*7^8-9$
233071	G	$1-(2^3)^4+5^6*(7+8)-9$	253913	G	$(1^2-3^4*5^6)^*7^8+9$
233171	G	$1^2-((3^4-5^6)^*(7+8)-9)$	253969	G	$(1-2+3^4*5^6)^*7^8+9$
233188	G	$-1^2*3^4+5^6*(7+8-9)$	254005	G	$(1+2^*(3+4+5))^*(6+7^8)-9$
233212	G	$-1^2*3^4+5^6*(7+8-9)$	254009	G	$-1*(2-3^4*5^6)^*8+9$
233246	G	$((1-2)^*34+5^6*(7+8-9))$	254010	G	$1-(2-3^4*5^6)^*8+9$
234133	G	$1-234+5^6*(7+8)-9$	254040	G	$-1+((2+3^4*5^6)^*8+9)$
235406	G	$-1+2^3*(4+5)^*6-789$	254119	G	$(1^2+3^4*5^6)^*7^8-9$
235662	G	$1*(2^3)^4+5^6*(7+8)-9$	254127	G	$(1+(2+3^4*5^6)^*7)^*8-9$
236814	G	$(1^2/3^4-4+5^6)^*(7+8)+9$	254137	G	$(1^2+3^4*5^6)^*7^8+9$
238200	G	$-1-2+3*(4^5-6)^*78-9$	254471	G	$(1^2/(3-4/5))^*(6^7-8)-9$
238202	G	$1-2+3*(4^5-6)^*78-9$	254489	G	$(1^2/(3-4/5))^*(6^7-8)+9$
238480	G	$1^2*(3^4)^5+6^7(7+8)+9$	255763	P	$-(1+(2-3^4(4+5))^*(6+7))-89$
239136	G	$-1-2-(3^4-4^5+6)^*78-9$	255861	G	$-1+((-2+3^4(4+5))/6^7+8+9)$
239138	G	$1-2-(3^4-4^5+6)^*78-9$	256231	G	$1*(2+(3^4*5+6)^*7)^*89$
239235	G	$(-1+(2+3^4*5)-6)^*78+9$	256941	P	$-(-1+(2^3*45-6)^*78)^9$
239999	G	$-1-(2+3)^4*(5^6-(6-7-8)-9)$	258627	G	$-1-(-2-3^4)^*(5^6(6+7-8)-9)$
240072	G	$-1-2+(3^4*5+6)^*78-9$	259374	G	$-1-(-2-3^4)^*5^6(6+(7-8)^9)$
241010	G	$1+2+3*(4^5+6)^*78-9$	260015	G	$1*(-2+3^4(-4+5+6))^*7^8(8+9)$
241046	P	$1+2-3*(-4^5+6)^*78-9$	260181	G	$(1-2)^*(3^4(4+5)-6^7)-8^9$
243159	G	$-1-(2-(3^4*5+6)^*(7+8^9))$	260202	P	$(1+2-3^4(-4-(-5-6))^*7)^*(8+9)$
243290	G	$-1-((2+3)^4*(5+6)^*78+9)$	260304	G	$(1+2+3^4(-4-(-5-6))^*7)^*(8+9)$
244005	G	$-1-2+(3^4)^5-6^7*8^9$	260491	G	$-1*(-2-3^4(-4+5+6))^*7^8(8+9)$
244226	P	$-1-((2+3)^4*5+6)^*78+9$	260492	G	$1-(-2-3^4(-4+5+6))^*7^8(8+9)$

261996	G	$(1 - (2+3)^4 * 5/6) * 7^* - 8^* 9$	277230	G	$-1 + 23^4 - 5^* 6^* (78+9)$
262256	G	$1 + 23^4 - (5^6 + 7) / 8^* 9$	277770	G	$-1 + 23^4 - 5^* 6^* (78-9)$
262990	G	$(-1 * 2^* 3^4 + 5^6 + 7) * (8+9)$	278233	G	$-1 * 2 + 3^4 * 5^* (678+9)$
263737	G	$1 - (2 + 3^4 * 5) * (6 - 78) * 9$	278572	G	$-1 - (2^* 3)^4 + 5 + 6^7 - 8^* 9$
263941	G	$-1 - (23^4 - 5^6 + 7) * (8+9)$	278627	G	$-1 - (2^* 3)^4 + (5 + 6^7 - 8 - 9)$
264080	G	$-1 + 23^4 - (5^6 + (7+8) * 9)$	278734	P	$-(1 * (2^* 3)^4) + 5 + ((6^7) + 89)$
264349	G	$-1 - (2^* 34 - 5^6 + 7) * (8+9)$	279114	G	$((1 - 2^* 3^4) * 5 + 6^7 - 8 - 9)$
265299	G	$-1 - (2 + (3^4 - 5^6 + 7) * (8+9))$	279411	G	$-1 + (23^4 - 5^* (6+78)) - 9$
265486	G	$-1 - 23 + 4 - (5^6 - 7) * (-8 - 9)$	279429	G	$-1 + (23^4 - 5^* (6+78)) + 9$
265532	G	$-1 + 23 + 4 - (5^6 - 7) * (-8 - 9)$	280940	G	$(1 - 2)^* (3 - 4^5) + (6^7 - 8) - 9$
265550	G	$-1 - (23 + (-4 - 5^6 + 7) * (8+9))$	281147	G	$-1 + (-2^* 3)^4 + 5 + 6^7 - 89$
265556	G	$-1 - (-2 + 3 - 4 - 5^6 + 7) * (8+9)$	281219	G	$-1 + (2^* 3)^4 + (5 + 6^7 - 8 - 9)$
265565	P	$-1 - 2^3 + (-4 - 5^6 + 7) * (-8+9)$	282510	G	$(-1 * (-2 * (3^4 - (-5^6 + 7))) + 8)) * 9$
265740	G	$(1 - 2)^3 * 4 + (5^6 + 7) * (8+9)$	283224	G	$-1 + 23^4 + (5 + 6^7) * 8^* 9$
265860	G	$-1 - (2 - (3 + (4 + 5^6 + 7))) * (8+9))$	283706	G	$1 + 23^4 + 56^* (78-9)$
265979	G	$1 + 23 + 4 + (5^6 + 7) * (8+9)$	283716	G	$(1 * 2 * (3^4 + 5^6 - 7^* - 8)) * 9$
266081	G	$-1 - (2 + (-34 - 5^6 + 7) * (8+9))$	283812	G	$-1 - 2 + (3^4)^5 + 6^7 / 8 - 9$
266258	G	$1 + 2^3 + (3^4)^5 * 5 * (6+7) + 8 + 9$	284085	G	$(1 - 2)^* (3 - 456 * 7 * 89)$
266319	G	$-1 - (2 - (34 + (5^6 + 7))) * (8+9))$	285495	G	$-1 - 2 + ((3+4)^5 - 6 - 7) * (8+9)$
266466	G	$-1 - (2 - 3^4 * (5 - 6^7)) * 89$	285531	G	$-1 + ((2 + ((3+4)^5 - 6)) - 7) * (8+9)$
266631	G	$1 + (2^3 + 4 + 5) + 6) * (7^* 8 + 9)$	285571	G	$1 - ((2 - 3^4 * 56) * 7 + 8) * 9$
266740	P	$-(1 * 2) + (3 / 4^5 - 6) * (78 + 9)$	285678	G	$-1 * (2 - 3^4 * 56 * 7 + 8) * 9$
266802	G	$1 * (2^* 3)^4 + (5^6 - 7) * (8+9)$	285822	G	$(-1 * 2 + 3^4 * 56 * 7 + 8) * 9$
266885	G	$1 * 2 + (3^4 + 5^6 - 7) * (8+9)$	285839	G	$1 - 2 + (3^4 * 56 * 7 + 8) * 9$
268124	G	$-1 - (2 + 3)^4 * (5^* (-6 - 78) - 9)$	285858	G	$1 * (2 + 3^4 * 56 * 7 + 8) * 9$
268269	G	$-1 - 2 + (3 / 4 + 5) * 6^* (7 + 8 - 9)$	285965	G	$-1 + ((2 + 3^4 * 56) * 7 + 8) * 9$
268332	G	$(1 - 2)^* (3 - 45 * 67 * 89)$	286029	G	$((1 + 2 + 3^4 * 56) * 7 + 8) * 9$
268498	G	$1 * (2^3 + 4 + 5^6 + 7) * (8 + 9)$	286739	G	$1 - 2 + 3^4 * 5^* (6 + 78^* 9)$
268816	G	$(1 - 2 + (3 + 4)^5 / 6) * (7 + 89)$	286741	G	$-1 + 2 + 3^4 * 5^* (6 + 78^* 9)$
269637	P	$(- (1 - 2) + 3456) * 78 - 9$	288156	G	$1 * (2 + 3^4 * 5) * (6 + 78^* 9)$
270943	G	$-1 * 2 + 3^4 * 5^* (678 - 9)$	288766	P	$- (1 - 2 + 3) + 4^5 * 6^* (7^* 8 - 9)$
272142	P	$(- (1 + (2 / (3^4)))^5 - 6^7) - 8) - 9$	288906	G	$-1 - 2 + (3 + 4^5 * 6) * (7^* 8 - 9)$
272165	G	$-1 + 2^* (3 - 45 * 6^* 7^* - 8^* 9)$	288932	G	$-1 * (2 - 3^4 * 5^* 6) * 7^* (8 + 9)$
272283	G	$(1 * 2 + 3^4 * 5) * (678 - 9)$	289203	G	$-1 + (2 + 3^4 * 5^* 6^* 7) * (8 + 9)$
272952	G	$(1 + 2 + 3^4 * 5) * (678 - 9)$	289205	G	$1 + (2 + 3^4 * 5^* 6^* 7) * (8 + 9)$
273176	G	$-1 + 23^4 - 56 * 7^* (8 + 9)$	289408	G	$(1 * 2 + 3^4 * 5^* 6) * 7^* (8 + 9)$
273224	G	$-1 - (2 - 3^4 * 5) * 678 - 9$	289926	G	$1 * (2 + 3^4 * 5 + 6) * 78^* 9$
273226	G	$1 - (2 - 3^4 * 5) * 678 - 9$	290598	G	$1 * (2 + 3^4 * 5) * 6^* 7^* (8 + 9)$
273298	P	$- ((1 + 2^3)^4 + 5) + 6^7 - 8^* 9$	290717	G	$(1 + (2 + 3^4 * 5) * 6) * 7^* (8 + 9)$
273353	P	$- ((1 + 2^3)^4 + 5 - 6^7 + 8) - 9$	291603	G	$1 + 2 + 3^4 * 5 (56^* 7 + 8) * 9$
273371	P	$- ((1 + 2^3)^4 + 5 - 6^7 + 8) + 9$	291837	G	$-1 - 2 - 3^4 * 5^* ((-6 - 7) * 8 + 9)$
273397	P	$- (1 + 2^3)^4 + 5 + 6^7 + 8 + 9$	294405	P	$-1 - 2 + (- (3 - 4 + 5)^6 + 7) * -8^* 9$
273438	G	$-1 - ((2^* 3)^4 * 5 - 6^7 + 8) - 9$	294890	G	$1 - 23 + 4^5 (5 - 6 + 7) * 8^* 9$
273442	P	$- ((1 + 2^3)^4 + 5) + 6^7 + 8^* 9$	294971	G	$1 + (2 + 3^4 * 5^* 6) * (7^* 8 + 9)$
273618	G	$(-1 * 2^* 3^4) * (5^* 6^* - 7^* 8 - 9)$	295282	G	$1 - (2^3 + 4) + 5) * (6 - 78) + 9$
274079	G	$-1 + (2^3 + 4) - 5) * 67 - 8 - 9$	295650	P	$(1 + 2 + 3^4 - (- (4 - 5) + 6)) * - (- (7 - 8) * 9)$
274095	G	$-1 + (2^3 + 4) - 5) * 67 + 8 - 9$	302903	G	$-1 + 2 * ((3 + 4)^5 + 6 + (7 + 8)) * 9$
274145	G	$-1 + 23^4 - 5^* 6^* 7^* (8 + 9)$	304423	P	$- ((-1 - 23) / 4^5 - 6^7) - 89$
274602	G	$1 + 2 + 3^4 * 5 * 678 + 9$	306117	G	$(1 + 23^4 * 5) * (6 + 7) + 8^* - 9$
274726	P	$- (1 + (2 + 3) / 4^5 - 6^7) - 89$	306158	G	$-1 - (23^4 * 5^* (-6 - 7) + 8 + 9)$
274783	G	$-1 + (2^3 + 4) + 5) * 67 + 8 + 9$	306178	G	$1 + 23 / 4^5 - 5^* (6 + 7) - (8 - 9)$
274785	G	$1 + (2^3 + 4) + 5) * 67 + 8 + 9$	306182	G	$1 * 2 + 3^4 * 5^* (6 + 78) * 9$
274904	P	$- (1 + (2 + 3) / 4^5 - 6^7) + 89$	307692	G	$1 * (2 + 3^4 * 5) * (6 + 78) * 9$
275061	G	$-1 + 23^4 + (5 - 67 * 8) * 9$	310880	P	$(-1 * 2 * (3^4 - 5^6)) * (- (7 - 8) + 9)$
275250	G	$1 + 23^4 + 56^* (7 - 89)$	311297	G	$1 - 2^3 + (4 + 5) * (6 + 7 - 89)$
275460	G	$-1 - (2 * (-3^4 + 5) + 6) * 7 + 8) - 9$	312458	G	$-1 * 2^* 3 + 4^* (5^6 - (7 - 8)) - 9)$
275502	G	$1 * 2 * ((3^4 + 5) + 6) * 7 - 8^* 9)$	312522	G	$-1 + 23 + 4^5 * (6 - (7 - 8)^9)$
275628	G	$(1 + 2^* 3^4 + 5) + 6) * 7 + 8 + 9$	312754	G	$-1 - (-2 - 3) * (4^* (5^6 + 7 + 8) - 9)$
275657	G	$-1 + 23^4 - (5 + 6^7) * 89$	313515	G	$(1 * 2^* 3^4 - 5 - 6^7 / 8) * - 9$
275673	G	$-1 + 23^4 + (5 - 6^* 78) * 9$	313626	G	$-1 - ((2^* 3)^4 + 5 + 6^7 / - 8^* 9)$
275804	G	$-1 - (-2 - 3) * (4^5 * 6 - (7 + 8)) * 9$	315376	G	$1 - 2^3 + 4) * (-5 - 6) * 7 - (8 + 9)$
275927	G	$1 + 23^4 + 5^* (6 - 789)$	315410	G	$1 + 2^3 + 4) * (5 + 6) * 7 + 8 + 9$
275937	G	$(1 * 2 + 3^4 * 5) * 678 - 9$	316341	G	$(1 * 2^* 3^4 - 5 + 6^7 / 8) * 9$
275938	G	$1 + (2 + 3^4 * 5) * 678 - 9$	317118	G	$1 + 2 - 3^4 * 5^* (6 - 789)$
276240	P	$- (1 - 23^4) - (56^* 7 + 8) * 9$	320356	G	$1 + (2^3 + 4) + 5 + 6) * 78 + 9$
276450	G	$-1 - (2 - 3^4 * (4^5 * 6^* (7 + 8) - 9))$	321471	G	$1 + 2 + (3^4 + 5) * 6^* 7 * 89$
276535	P	$(- (1 - 2) + 34567) * 8 - 9$	321974	G	$1 - 2 + 3^4 * 5^* (6 + 789)$
276600	G	$-1 + (23^4 + 5^* (6 - 78) * 9)$	321978	G	$1 + 2 + 3^4 * 5^* (6 + 789)$
276753	P	$- (1 - 23^4) - (5^* 67 + 8) * 9$	322770	G	$(1 - 2 - 3^4 * 5) * (-6 - 789)$
276960	G	$-1 + 23^4 - 5^* 6^* (7 + 89)$	323565	G	$(1 * 2 + 3^4 * 5) * (6 + 789)$

323866	G	$1+(2^{(3^4)}+56)^*78+9$	361586	G	$1*2-3^4*(5-67)^*8*9$
324281	G	$1^*2+(3^4*5+6)^*789$	361674	G	$-1+23*(4+5^6+(7+89))$
324282	G	$1+2+(3^4*5+6)^*789$	362241	G	$(-1+2+(3^4+5)^*6^*78)^*9$
325856	G	$-1+(2+3^4*5+6)^*789$	363423	G	$-1-2+3*(4^5-6)^*7*(8+9)$
326070	G	$-1*(2-(3^4*56-7)^*8)^*9$	364521	G	$-1^*23+4^5(5-6+7)^*89$
326085	G	$-1-2+(3^4*56-7)^*8*9$	364851	G	$-1-2+(3/4^5-6)^*7*(8+9)$
326106	G	$1*(2+(3^4*56-7)^*8)^*9$	366690	G	$1+2+3^4*(567*8-9)$
327078	G	$-1*(2-(3^4*56+7)^*8)^*9$	369751	G	$-1-2-(3+4)^5*(67-89)$
327095	G	$1-2+(3^4*56+7)^*8*9$	371112	P	$(-1^*2^*-3^4-5^6)^*-(7+8+9)$
327097	G	$-1+2+(3^4*56+7)^*8*9$	371331	P	$-(1-2^*3^4*5)^*(6^*78-9)$
327114	G	$1*(2+(3^4*56+7)^*8)^*9$	371788	G	$(1^*2-3^4*56)^*(7-89)$
327165	G	$-1-2+(3^4)^5/6*(7+8/9)$	374831	G	$1-2-(3+4+5)^6*(7+8+9)$
327771	G	$-1-2-3*((4-5^6)^*7+89)$	374930	G	$-1+2^*3^4*5^6-78+9$
332180	G	$(1*(2-3/4)^*(5^6+7))^*(8+9)$	375468	G	$(-1^*2/-3*(4/5^6-6+78))^*9$
332245	P	$-((-1+23)^4+5)-6^*-(7+8^*9)$	375788	G	$-1+2^*3^4*5^6+789$
333175	G	$(1^*2/3^*-4*(5^6+7))^*8-9$	378071	G	$-1-(-2^*(3+4)-5^6)^*(7+8+9)$
333193	G	$(-1^*2/3^*4*(5^6+7))^*8+9$	378888	G	$(-1^*2^*-3^4+5^6)^*(7+8+9)$
333287	G	$(-1^*2/3^*(4^5+6+7))^*8-9$	379063	G	$1+2*(3^4*5^6*78-9)$
333866	G	$1-2-(3-4^5)^*(6^*7^*8-9)$	379071	G	$1^*2^*3^4*5^6*78-9$
333894	G	$-1-(2-(3^4(4+5)-6^*7)^*(8+9))$	379089	G	$1^*2^*3^4*5^6*78+9$
334387	G	$-1-(2-(3^4(4+5)-6-7)^*(8+9))$	379097	G	$-1+2*(3^4*5^6*78+9)$
334591	G	$-1-(2-(3^4(4+5)+(6-7))^*(8+9))$	379098	G	$1^*2*(3^4*5^6*78+9)$
334625	G	$-1-(2-(3^4(4+5)-6+7)^*(8+9))$	380537	G	$-1+2^*3^4*(-4+(5+6))^*(78+9)$
334824	G	$-1-23+4^5*(6^*7^*8-9)$	383046	G	$-1-(2+3^4*(5-6^*789))$
334829	G	$-1-2+(3^4(4+5)+6+7)^*(8+9)$	383048	G	$1-2-3^4*(5-6^*789)$
334870	G	$-1+23+4^5*(6^*7^*8-9)$	383050	G	$-1+(2-3^4*(5-6^*789))$
335322	G	$-1-(2-(3^4(4+5)+6^*7)^*(8+9))$	383858	G	$1-2+3^4*(5+6^*789)$
335379	G	$-1-(2^*(3+4+5)-6)^*(7-89)$	383861	G	$1^*2+3^4*(5+6^*789)$
335869	G	$-1-(2+(3-(4-5))^6*(7-89))$	386537	G	$-1-2^*(3^4)+(5/(6-7))^6+9$
336775	G	$1-(2^*(3^4)+5+6)^*(7-89)$	389128	G	$1+23^4+5^6*7-89$
337526	G	$1-2-3^4*(5-6^*78)^*9$	389200	G	$1+23^4+5^6*7-8-9$
337530	G	$1+2-3^4*(5-6^*78)^*9$	389217	G	$(1^*23)^4+5^6*7-8+9$
338170	G	$1+(2/3+(4+5))^*(6^7/8-9)$	389305	G	$1^*23^4+5^6*7+89$
338344	G	$1+(2/3+(4+5))^*(6^7/8+9)$	392032	G	$-1-2+(-3-4)/5*(-6^7-89)$
338556	G	$(-1-2+3^4*(5+6^*7))^*89$	393051	G	$-1-2+3/(4*(5+6))^*(7^8-9)$
338734	G	$(1-2+3^4*(5+6^*7))^*89$	393182	G	$1^*2*(3/4^5(5-6-7)-8-9)$
340765	G	$-1^*2-3^4*(5-6^*78^*9)$	393793	G	$1+(2^*(3+4+5)+6)^*(7+89)$
340769	G	$1^*2-3^4*(5-6^*78^*9)$	394371	G	$(-1-2+3^4*56)^*(78+9)$
340770	G	$1+2-3^4*(5-6^*78^*9)$	394458	G	$(-1^*2+3^4*56)^*(78+9)$
341275	G	$-1+2*(3^4(4+5)+6)^*78/9$	394631	G	$1-2+3^4*5^6*(78+9)$
341384	G	$-1-(-2^3+4^5)^*6^*7^*-8+9$	394633	G	$-1+2+3^4*5^6*(78+9)$
341887	P	$-1+2^*-(-3-4)^*(5^6*7^*8-9)$	394805	G	$-1+(2+3^4*56)^*(78+9)$
342374	G	$-1-(-2-3+4^5)^*6^*7^*-8-9$	394806	G	$1*(2+3^4*56)^*(78+9)$
344816	G	$1-2+3^4*(5+6^*78)^*9$	398105	G	$-1-((2^*3)^4+5)^*(6^*-7+8)^*9$
344820	G	$1+2+3^4*(5+6^*78)^*9$	398259	G	$(1^*2^*3/4*(5^6-7))^*(8+9)$
349065	G	$(-1^*2*(3^4-4+5))^*-6^7/8+9$	399336	G	$-1-23+4^5*6^*(7^*8+9)$
352547	G	$1-(-2-(3^4)^5(5+6-7))^*(8+9)$	399382	G	$-1+23+4^5*6^*(7^*8+9)$
353699	P	$-1-(2*(3^4-(-4-5)-6)+78)^*9$	399433	G	$1+(2^*(3^4)+56^*7)^*89$
353801	G	$1^*2+3^4*56^*78-9$	399687	G	$(1+23^4*5^6-6^*7)^*(8+9)$
353802	G	$1+2+3^4*56^*78-9$	400255	P	$-1+2^*-(-3-4)^*(56^*7^*8-9)$
353816	G	$1-2+3^4*56^*78+9$	401964	G	$(1+2^*(3+4))^*(5^6(6+7-8)-9)$
353820	G	$1+2+3^4*56^*78+9$	402429	G	$-1-2-3^4*5^6*(-6^*7-89)$
355427	P	$-1-(2*(3^4-(-4-5)-67)+8)^*9$	402863	G	$-1-(2*(3+4)^5/6+7)^*8*9$
357308	G	$-1+(2^*(3^4)+5+6)^*(78+9)$	403511	G	$1-2+((3+4)^5+6)^*(7+8+9)$
357580	G	$-1+23*(4+5^6+(7-89))$	404841	G	$1^*23^4+5^6*(7-(8-9))$
358186	G	$(-1^*2+3^4*56)^*(7+8^*9)$	404906	G	$1^*23^4+(5^6+7)^*8+9$
358502	G	$1*(2+3^4*56)^*(7+8^*9)$	404907	G	$1+23^4+(5^6+7)^*8+9$
358667	G	$-1-2^*3^4*(-4+(5+6))^*(7-89)$	407707	G	$1+234*(5^6+7^*8)/9$
359186	P	$-(1+23*(4-5^6))-7-89$	408279	G	$1+234*(5^6+78)/9$
359200	G	$-1-(23*(4-5^6)-7)-89$	411113	G	$-1+2^*3*(4^5*67-89)$
359203	G	$-1-(23*(4-5^6)+7)-8^*9$	411590	G	$-1+2^*3*(4^5*67-8)-9$
359235	G	$(1+2-3*(4^5*(6+7)+8))^*9$	411608	G	$-1+2^*3*(4^5*67-8)+9$
359347	G	$-1+23*(4+5^6)-7*(8+9)$	411617	G	$-1+2*(-3*(-4^5*67+8)+9)$
359378	G	$1^*23*(4-(-5^6+7))+8^*9$	411674	G	$1-2*(3/-4^5*67-8)+9$
360302	P	$1+2^*-(-3-4+5)^*(6+7^*8+9)$	411825	G	$-1+2*(3^4*5^6*67+89)$
361053	G	$-1+23*(4+5^6+(78-9))$	413372	P	$-(1-((2+3+4)^5-6)^*7)+8^*9$
361085	P	$-1+23*(4-5^6-78))+9$	413401	G	$-1+((2+3+4)^5+6)^*7+8+9$
361440	G	$-1*(2+3^4*(5-67))^*8^*9$	415527	G	$-1-2-(3^4*5+6)^*(7-8)^*9$
361467	G	$-1+23*(4+5^6+(78+9))$	415529	G	$1-2-(3^4*5+6)^*(7-8)^*9$
361582	G	$-1^*2-3^4*(5-67)^*8^*9$	416471	G	$(-1*(2/-3+4)^*(5^6+7))^*8-9$

416489	G	$(-1*(2/-3+4)*(-5^6+7))^*8+9$	472218	G	$1*2+(34*5^6-7)*8/9$
417809	G	$(1+2*3^4*(5-6+7))^*(8+9)$	472245	G	$-1-(2-(3^4(4+5)-6))*(7+8+9))$
419177	G	$1*2+3^4*(567+8)*9$	472512	G	$(1-2+3^4(4+5)+6)*(7+8+9)$
419178	G	$1+2+3^4*(567+8)*9$	478277	P	$-1+2*(-(3*4^5+6)*78-9)$
419971	P	$-(1*2-3*4*(5+6^7/8))+9$	478286	P	$-1+2*(-(3*4^5+6)*78-9)$
422691	G	$-1-2+(-3+4^5)*6*(78-9)$	478304	P	$-1+2*(-(3*4^5+6)*78+9)$
424140	G	$-1-2+(3+4^5*6)*(78-9)$	479004	G	$-1-2+(-3+4^5*6)*78+9$
424280	G	$-1-(-2-3-4^5*6)*(78-9)$	479379	G	$(1+2/-3+4^5)*6*78-9$
424626	G	$(-1-2/3-4^5)*-6*(78-9)$	480021	G	$(1-2/-3+4^5)*6*78+9$
425428	P	$1-(-(2*3)^4-5)*(6*7*8-9)$	480397	G	$-1-2+3/4*(5-6+7*8)/9$
426384	G	$(-1*2*3^4)*56*(-7*8+9)$	480470	P	$-(1+(2-(3+4^5)*6)*78)-9$
426870	G	$(-1*2*3^4)*5*(-67*8+9)$	480488	P	$-(1+(2-(3+4^5)*6)*78)+9$
430110	G	$(-1*2*3^4)*5*(-67+8)*9$	480761	G	$1+(2^4(3^4)-56)*7*(8+9)$
431294	G	$(1*2)*(3^4*5*6-7)*89$	481580	G	$-1-(-2-3-4^5)*6*78+9$
431917	P	$-((1*2*3^4)*5*-6+7)*89$	481985	G	$-1+2*3*((4^5+6)*78-9)$
432702	G	$(1*2/3^4-4)*(5*6*7*8-9)$	482109	G	$(1-(2*3-4^5)*6)*78-9$
433048	G	$(1-2-3^4(4+5))*(67-89)$	482597	G	$1-2-3^4*(5-6*7*89)$
435618	G	$(-1*2*3^4)*(5*6*7*8-9)$	482601	G	$1+2-3^4*(5-6*7*89)$
436091	G	$1*23^4-5^6*(7-(8+9))$	483407	G	$1-2+3^4*(5+6*7*89)$
437406	G	$1-2+3^4*5^6*7-89$	483411	G	$1+2+3^4*(5+6*7*89)$
437407	G	$1-2-3+4*5^6*7-89$	484583	G	$(-1*(2^4-3-4)*(5^6+7))^*8-9$
437412	G	$1-(23-4^5*6)*7+8*9$	484601	G	$(-1*(2^4-3-4)*(5^6+7))^*8+9$
437427	G	$-1-(23-4/5^6-6)*7+89$	488358	P	$-((-1*2*3^4)*5*6*7+8)*9$
437479	G	$1-23+4^5*6*7-8+9$	488470	G	$-1+23+4^5*(6*7+8)+9$
441168	G	$(1+23)^4+5^6*7+8+9$	488502	G	$((1*2*3^4)*5*6*7+8)*9$
441450	G	$(1*2*3^4)*5*(6*7*8+9)$	489078	G	$(-1*2*3^4)*(5-6*7*8*9)$
442149	G	$-1-2-3*((4*(5-6))^7+8)*9$	490698	G	$(1*2*3^4)*(5+6*7*8*9)$
443159	G	$1-2+((-3-4^5)*6+7)*-8*9$	492050	G	$(1-2+3^4(4+5))*((6*7-8)-9)$
445394	P	$-1-(-(2*3)^4+5)*(6*7*8+9)$	497136	G	$-1+2*(3^4)^5-(6*7*8-9)$
446781	G	$1-(2+3^4*(5-6*7))^*89$	497178	G	$(1*2*3^4)*(5+6*7*8)*9$
451980	G	$(1*2*3^4)*5*(-6-7*8)*-9$	497204	G	$-1+2*(3^4)^5-(6*7*8-9)$
453185	G	$-1-2+(3^4-5)*6*7*89$	497381	G	$-1-(2*(3^4-4)^5-6*(-7*8+9))$
454809	G	$-1+23^4+5*6^7/8+9$	498009	G	$1*2*(3^4)^5+6*7*8+9$
456786	G	$(1-2)*(3-456789)$	498161	G	$-1-(2*(3^4-4)^5+6-7*8*9)$
457993	G	$-1-(-2-3^4)*(-5+6*7)*89$	498179	G	$-1+2*((3^4)^5+6)-7*-8*9$
458705	P	$(-1-2*3)*-(4^5(56/7)-8)+9$	498208	P	$-(1+2*(-3^4)^5-6*7*8)+9$
458812	G	$-1-2+(3+4)*((5+6-7)^8+9)$	499582	G	$-1+(-23-4*(-5^6+7))^*8-9$
458814	P	$1-2+(3+4)*-((-5-(-6+7))^8-9)$	499818	G	$1*2*3+4*((5^6-7)^8+9)$
459906	G	$-1-2+3^4*5678-9$	500266	G	$1*2*3+4*((5^6+7)^8+9)$
459908	G	$1-2+3^4*5678-9$	501551	G	$-1+(23/4+5)*6^7(7+8-9)$
459910	G	$-1+2+3^4*5678-9$	502730	G	$-1-(-2-3^4)*(-5+6*7)*9$
459911	G	$1*2+3^4*5678-9$	503559	G	$-1-2+(3-4^5*6)*(7-89)$
459924	G	$-1-2+3^4*5678+9$	503563	G	$-1+2+(3-4^5*6)*(7-89)$
460649	G	$1*2+3^4*(5678+9)$	503830	G	$-1+23-4^5*6*(7-89)$
460822	G	$-1+23+4^5*(6*7+8)*9$	504135	G	$-1-(2/3+4^5)*6*(7-89)$
461244	P	$-(1+2-3^4*5*6*7)*(8+9)$	505281	G	$-1-2+(-3-4^5)*6*(7-89)$
461278	G	$(1-2+3^4*5*6*7)*(8+9)$	506574	G	$(1*2/3^4-4)*(56*7*8-9)$
461346	G	$(1+2+3^4*5*6*7)*(8+9)$	507379	G	$-1-(2-34^5*(5^6-7*8*9))$
462434	G	$(1-2-3^4*5)*-6*7*(8+9)$	507708	G	$1*2*3^4*(5^6(6+7-8)+9)$
463573	G	$(1*2+3^4*5)*6*7*(8+9)$	508022	G	$-1-(2*3)^4*(-56+7)*8-9$
466311	G	$(-1*2*(3^4-5^6))^*(7+8)-9$	510065	G	$-1-(2-34^5*(5^6-7*8*9))$
466329	G	$(-1*2*(3^4-5^6))^*(7+8)+9$	511037	G	$-1+2*3*(4^5-6*7)*89$
468048	P	$(-1*(2/3-4)*5^6-78)*9$	511557	G	$-1-2+(3-4^5+6)*7*-8*9$
468246	G	$(-1*(2/3-4)*5^6-7*8)*9$	511559	G	$1-2+(3-4^5+6)*7*-8*9$
468300	G	$(-1*(2/3-4)*(5^6-(7+8)))^*9$	512232	G	$(1+2/3-4^5+6)*(7*-8*9)$
468468	P	$(-1*(2/-3+4)*-(-5^6+7)+8)*9$	512819	G	$-1+2+(3^4+5)*6*7*89$
468660	G	$-1+2*3*(4-5+6)^7-89$	512821	G	$1+2+(3^4+5)*6*7*89$
468672	G	$-1*2*3*((4-5^6(6-(7-8))))+9$	512904	G	$(1-2/3-4^5+6)*(7*-8*9)$
468828	G	$1*2*3*((4+5^6(6-(7-8))))+9$	513215	G	$-1+(2+3/4)*(5-6+7)^8/9$
468838	G	$-1+2*3*(4-5+6)^7+89$	513285	G	$-1-2+(3+(4^5-6)*7)*8*9$
468869	P	$1-2-3*(-4-5^6)*-(7-(8+9))$	513912	G	$(1+2/3+4^5-6)*7*8*9$
469200	G	$(-1*(2/3-4)*(5^6+7+8))^*9$	514113	G	$(1-2+34*(5^6-7*8*9))$
469254	G	$(-1*(2/3-4)*5^6+7*8)*9$	514207	G	$1*23^4+5^6*(7+8)-9$
469452	G	$(1*(2/-3+4)*5^6+7*8)*9$	516171	G	$(1+2*3/4^5-5)*(6+7*8)-9$
470430	G	$(1*(2/-3+4)*(5^6+7*8))^*9$	516189	G	$(1+2*3/4^5-5)*(6+7*8)+9$
471090	G	$(-1*(2/3-4)*(5^6+7*8))^*9$	517605	G	$-1-2+(-3+4^5+6)*7*8*9$
471171	G	$(1*2*(3^4+5^6))^*(7+8)-9$	519333	G	$-1-2+(3+(4^5+6)*7)*8*9$
471189	G	$(1*2*(3^4+5^6))^*(7+8)+9$	519456	G	$(1*2/3+4^5+6)*7*8*9$
472213	G	$-1-2+(34*5^6-7)*8/9$	519715	G	$1+(23^4+5)*6(7-(8-9))$
472215	G	$1-2+(34*5^6-7)*8/9$	519960	G	$(1+2/3+4^5+6)*7*8*9$

520416	G	$(1+2+(-3-(4^5+6))^7)^{-8*9}$	565837	G	$-1+2*(3^4*5+6^7-89)$
524183	G	$-1-2^3*4-(5+6-7)^8+9$	569205	G	$(-1+2^(3+(4+5)))*(67+8*9)$
525002	G	$1-2-3*(4-5*(6^7/8+9))$	571216	G	$-1+(2*(3+4)^5-(6+7))*(8+9)$
526168	G	$-1-2*((3+4)^5-6^7)-89$	571522	G	$-1-(2*((3+4)^5+6)-7)*(-8-9)$
526346	G	$-1-2*((3+4)^5-6^7)+89$	571680	G	$1*2*(3^4*5*6^7+8)*9$
527983	P	$-1-2-34*(-(-5^6+7)-89)$	578101	G	$(1+2+34)^5*6-(7+8)-9$
528258	G	$(1*2*(3^4-5^6+7))*(-8-9)$	580266	G	$(1*(2^3-3+4)*(5^6+7)-8)*9$
528289	P	$-1-2-34*(-(-5^6+78)-9)$	580410	G	$((1*(2^3-3+4)*(5^6+7))+8)*9$
528377	P	$(-1*2*(3^4-5^6+7))*(-8+9)$	580624	G	$-1+(2/((3^4)^5-6^7)+8+9)$
528459	G	$-1-(2-34*(5^6+7-89))$	583063	G	$(-1*(2/3+4)*(-5^6+7))*8-9$
528615	G	$(-1*2*(3^4-5^6+7))*8+9$	583853	G	$1-2+(3^4+5)^6*789$
528901	G	$-1-2-34*(-5^6+78-9)$	588093	G	$-1-2-(3-4^5)*6*(7+89)$
531200	G	$-1-2+34*5^6-7*8+9$	590109	G	$-1-2+(3+4^5*6)*(7+89)$
531202	G	$1-2+34*5^6-7*8+9$	590303	G	$-1+(2+(3+4^5*6))*(7+89)$
531870	G	$-1-(2-34*5^6)+7*89$	595169	G	$1-23^4+5^6*7*8+9$
532959	G	$-1-2-(3-4^5)*6*(78+9)$	600118	G	$-1-((2-3^4)^5*6-7*(8+9))$
533593	G	$-1-(2-34*(5^6+78-9))$	604746	G	$(-1*2^3*4^4)*(5-6*7*89)$
533766	G	$(-1*2*(3^4-(-5^6+7)))*(-8-9)$	605049	G	$-1-2+(3+4)^5*6*(7+8-9)$
533885	G	$(1*2*(3^4+5^6)-7)*(8+9)$	606366	G	$(1*2^3*4^4)*(5+6*7*89)$
534035	G	$-1-2-34*(-5^6+7-89)$	613016	G	$-1+(2^3)^4*(5+6*78)+9$
534123	G	$(1*2*(3^4+5^6+7))*(8+9)$	615854	G	$-1-(2-(3-4/5)*(6^7+8-9))$
534205	G	$-1-2+34*((5^6+78)+9)$	617422	G	$-1+23+(4^5*6^7-8)*9$
534209	G	$-1+2+34*((5^6+78)+9)$	625185	G	$(-1+23+(4-(5-6))^7)*8+9$
534242	G	$(1*2*(3^4+5^6+7))*(8+9)$	628308	G	$(-1*2*(3^4+5-6^7/8))*9$
534511	G	$-1-2+34*((5^6+7)+89)$	628415	G	$-1+2^3*(4^5+6^7)*8*9$
534515	G	$-1+2+34*((5^6+7)+89)$	631224	G	$(1*2*(3^4-(5-6^7/8)))*9$
534962	G	$-1-(-2-3-4^5*6)*(78+9)$	633567	G	$(1-2*3^4*5+6)*-789$
535935	G	$-1-(-2+3^4)*5*(5-6789)$	636082	G	$1-2+(3+4^5-6)*7*89$
538064	G	$-1-2-(3-4^5)*(67*8-9)$	640008	G	$-1-((-2-3)^4)^5/(6+7-8)+9$
539750	P	$(-1*2-3^4*5*6*7)*(8+9)$	641600	G	$-1-(-2+3-(4^5+6)^7)*89$
539818	G	$(1*2+3^4*5*6*7)*(8+9)$	641957	G	$(-1+2)*(3+(4^5+6)^7)*89$
539835	G	$(1+2+3^4*5*6*7)*(8+9)$	642647	G	$-1+2^3*((4^5+6)^7*8-9)$
541664	G	$-1-2+(3+4/(5^6-6/78))/9$	643155	G	$(-1+2^3*4^5)*(6+789)$
541666	G	$1-2+(3+4/(5^6-6/78))/9$	643950	G	$1*2^3*4^5*(6+789)$
541668	G	$-1+2+(3+4/(5^6-6/78))/9$	644072	G	$-1-(23-4^5*(6+7*89))$
541670	G	$1+2+(3+4/(5^6-6/78))/9$	644101	G	$1*2+3+4^5*(6+7*89)$
541890	G	$1*2^3*4^5*(678-9)$	654841	G	$1*23^4+5^6*(7+8+9)$
542148	G	$-1-(2+(3-4^5)*(67-8)*9)$	655620	G	$(1*(2/3+4)*(5^6-(7+8)))*9$
542150	G	$1-2-(3-4^5)*(67-8)*9$	655746	P	$(-1*(2/3+4)^5*6+7*8)*9$
545094	P	$(-1*(2^3-3-4)*(5^6+7))-8)*9$	656028	G	$(-1*(2/3+4)*(-5^6+7)+8)*9$
545125	G	$(1*2*(3^4*5-6)-7)*89$	656035	G	$1-2/3*((-4+5^6)^7-7+8)*9$
545238	G	$(1*(-2^3-3+4)*(5^6+7)+8)*9$	656238	G	$(-1*(2-(3+4)^5*6))*(7+8-9)$
545334	G	$-1-2+(3+4^5)*(67-8)*9$	656240	G	$(1*2)^3*(3*(4+5^6)^7-89)$
545585	G	$1*23^4+(5^6+7)*(8+9)$	656467	G	$1+2/3*((-4-5^6)^7-7+8)*9$
546215	G	$-1+23+(4^5*6-7)*89$	656754	P	$(-1*(2/3+4)^5*6-7*8)*9$
547722	G	$1*2^3*4^5*(5*678-9)$	656880	G	$(1*(2/3+4)*(5^6+7+8))*9$
548385	G	$1-2+34*(5^6+7*8*9)$	658602	G	$(1*(2/3+4)*(5^6+7*8))*9$
549129	G	$-1+2*(3^4*5-(-6-7))*89$	659526	G	$(1*(2/3+4)*(5^6+78))*9$
550638	G	$1*2^3*4^5*(5*678+9)$	665493	G	$-1-(2+(-3-4^5)*(-6+78)*9)$
551552	G	$-1-(-2-3-4^5)*6*7*8+9$	669228	G	$-1-2+(3^4+4^5)*(6*7-8)+9$
552079	G	$(1-(2^3-3-4^5)*6*7)*8-9$	669701	P	$-1+2*(3-4^5*(-6*7*8-9))$
552097	G	$(1-(2^3-3-4^5)*6*7)*8+9$	670031	G	$-1-(2^3)^4*(5-6)*(7*8-9)$
552429	G	$-1-(2-34*(5^6+7*89))$	675054	G	$(1*2^3*4^4)*(-5+6*78)*9$
552968	G	$-1+2*3/4^5-5*6*(-7-8)+9$	679937	G	$1+2^3*(3^4)*((-5-6)*-7+89)$
553920	G	$-1*23^4*5+(6+7-8)^9$	681534	G	$(-1*2^3*4^4)*(5-6*78*9)$
555115	G	$-1-(2-34*(5^6+78*9))$	683154	G	$(1*2^3*4^4)*(5+6*78*9)$
556470	G	$1*2^3*4^5*(678+9)$	683191	G	$-1+(-2+3^4*(4^5-6))/7-89$
556471	G	$1+2*3^4*5*(678+9)$	683193	G	$1+(-2+3^4*(4^5-6))/7-89$
558056	G	$-1-23+4^5*(67*8+9)$	683210	G	$1-(2-3^4*(4^5-6))/7-8*9$
558102	G	$-1+23+4^5*(67*8+9)$	683354	G	$1-(2-3^4*(4^5-6))/7+8*9$
559180	G	$-1*2*(345-6^7-8+9)$	683369	G	$-1+(-2+3^4*(4^5-6))/7+89$
559198	G	$-1-(2*(345-6^7)-8)+9$	683371	G	$1+(-2+3^4*(4^5-6))/7+89$
559206	P	$(-1+2*(345-6^7-8))+9$	685063	G	$1+2*3+4^5*(678-9)$
559584	G	$-1+(-2*(3^4*5-6^7)-(8+9))$	687060	G	$-1-(2+(-3-4^5)*(678-9))$
560560	G	$1*2*(345+6^7+8-9)$	687800	G	$-1+2*(-3+4^5*6)*7*8+9$
560578	P	$(-1-2*(345+6^7)-8)+9$	688072	G	$1-2*(3-4^5*6*7)*8-9$
560595	G	$-1+2*(345+6^7+(8+9))$	688112	P	$(-1+2*(3-4^5*6*7*8))-9$
561747	G	$-1+2*(3+(4^5+6^7-89))$	688142	G	$-1+2*(3-4^5*6*-7*8)+9$
562618	G	$1-(23-4*(5^6+7)-8)*9$	688454	G	$-1+2*(3+4^5*6)*7*8-9$
563217	P	$(-1-2/3-4*5^6-78)*9$	689172	G	$-1-2-(3-4^5)*(67+8)*9$

689174	G	$1-2-(3-4^5)^*(67+8)^*9$	780725	G	$-1*(2-3^4*567)^*(8+9)$
689634	G	$(1*2^3*4)^*(5+6*78)^*9$	781078	G	$-1-2*(3^4-(5*(6-7))^8)-9$
690212	P	$-(1+(2^3-4^5)^*678)+9$	781096	G	$-1-2*(3^4-(5*(6-7))^8)+9$
692244	G	$-1-2+(-3+4^5)^*678+9$	781172	G	$-1+2*(-34+(5*(6-7))^8)-9$
693242	G	$-1+(2+(3+4^5)^*(67+8))^*9$	781190	P	$-(1+2*(34-(5/(6-7))^8))+9$
694489	G	$(1+2/-3+4^5)^*678-9$	786537	P	$-1-2-3^4*(-(5+6-7)^8-9)$
694732	G	$-1+(2/3+4^5)^*678+9$	788778	G	$(1*2^3*4)^*(5+67*8)^*9$
695456	G	$-1+((-2^-3+4^5)^*6^7/8-9)$	789263	G	$-1+2^3*4^5*6*(78+9)$
696312	G	$-1-2+(3+4^5)^*678+9$	789926	G	$-1-2-(3+4)^5*(6*7-89)$
700605	G	$(1*(-2+3+4)^*(5^6-7*8))^*9$	791039	G	$-1+2^3*3*(4^5+6)^*(7+89)$
700632	G	$(-1-2+3^4*(5+6))^*789$	796549	G	$-1-(2+(3*(4-5^6)+7))^*(8+9))$
701667	G	$(-1*2^3*4+5^6(6-(7-8)))^*9$	796957	P	$-1-2+(3*(-4-5^6)+7)^*(-8+9)$
702333	G	$((1-23)^4*5^6(6-(7-8)))^*9$	797025	G	$-1-(2+3*(4-5^6-7))^*(8+9))$
702369	G	$(-1-2-(3^4-5^6(6-(7-8))))^*9$	797433	G	$-1-2+3*(4+(5^6+7))^*(8+9)$
702905	P	$-(1+(-2-3*(4-5^6))^*(-7-8))-9$	806733	G	$-1-2+(3+4)^5*6*(7-8+9)$
702933	G	$-1-(2+3*(4-5^6)^*(7+8))-9$	808542	G	$1*2^3/4*(5^6+7-8)^*9$
703001	G	$1*2+3^4*(5+6)^*789$	809028	G	$(1*2^3/4*(5^6+7)+8)^*9$
703014	G	$-1-2-(3^4-5^6(6-(7-8)))^*9$	814087	G	$1+2^3+4^5*6*(78+9)$
703241	G	$-1+(2+3+(4-5+6)^7+8)^*9$	815022	G	$(1*2^3*4)^*(567-8)^*9$
703265	G	$-1-(2-3*(4+5^6))^*(-7-8)-9$	815031	G	$(1+2/(3^4-4*(567-8)))^*9$
703293	G	$-1-2-3*(-4-5^6)^*(7+8)-9$	816041	G	$((1+2)^3*(4^5-6)+7)^*89$
703495	G	$1+2^3+4^5*(678+9)$	816462	G	$-1-(2+(-3-4^5)^*(6+789))$
703788	G	$(-1+2+3^4*(5+6))^*789$	819623	G	$1+(2/-34)^-5+6^7*8-9$
703827	G	$(-1*(2-3-4)^5*6+78)^*9$	826542	G	$(1*2*(3^4*567-8))^*9$
704902	G	$-1-(2+((3^4)^5/-6+7))^*(8+9))$	826733	G	$(-1+2-3^(4+5))^*6*-7+89$
705546	G	$-1-(2+(-3-4^5)^*(678+9))$	826751	G	$(1-2+3^(4+5))^*6*7+8*9$
705645	G	$(-1*(2-3-4)^*(5^6+7*8))^*9$	827013	G	$1+2-(3-4^5)^*6*(7+8)^*9$
706158	G	$(1*2^3*4)^*(56*78-9)$	836716	G	$-1-(2+3*(4^5-6^7)+8)-9$
706635	G	$(-1*(-2+3+4)^*(-5^6-78))^*9$	836766	G	$-1-2-3*(4^5-6^7-8)+9$
707598	G	$(1*2)^*(3^4*56*78-9)$	839555	P	$-1-((-2+3)+4)^*(-(5+6^7)+89)$
707626	G	$1+2^3*4^5*6*78+9$	839973	G	$-1-(2-3*(45+6^7+8))+9$
707634	G	$(1*2)^*(3^4*56*78+9)$	839982	G	$1*2^3*(4*(5+6^7/8)+9)$
708016	G	$(1*2/3*-4*(-5^6+7))^*(8+9)$	840081	G	$1+2-3*(4-(5+6^7+89))$
708254	G	$(-1*2/3*(-4*5^6+7))^*(8+9)$	840099	G	$-1-(2-3*(4+5+6^7+89))$
709074	G	$1*2^3*4*(56*78+9)$	840101	G	$1-2+3*(4+5+6^7+89)$
710613	G	$-1-2+(3-4^5)^*(6-78*9)$	840207	G	$-1-(2-3*(45+6^7+89))$
716741	G	$1-2+(3+4^5-6)^*78*9$	840293	G	$1-2^3*4^5+6^7*8+9$
724968	G	$-1-(23-4^5*(6+78*9))$	842805	G	$-1-2+3*(4^5+6^7)-8*9$
724997	G	$1+2+3+4^5*(6+78*9)$	842860	G	$-1-2+(3*(4^5+6^7)-8-9)$
725014	P	$(-1-(2^3)^4)^*(-(567-8)-9)$	842910	G	$-1-(2-3*(4^5+(6^7/8)))^*9$
726761	G	$(-1*2/3^-4+5^6)^*(7*8-9)$	842930	G	$1-2+3*(4^5+6^7+8+9)$
728134	G	$((-1+234)^5*6(7+8)+9)$	843266	G	$1-(2-3^-4-5)^*6^7-8+9$
730655	G	$-1-(-2^3-4^5)^*(6+78*9)$	843280	G	$-1-((2-3^-4)-5)/6^-7+8+9$
730776	G	$-1-2-(3-4^5*6)^*7*(8+9)$	860144	G	$1-2^2(3^4)^*-5*6*7-8-9$
731112	G	$-1-23-4^5*6*-7*(8+9)$	860162	G	$1-2^2(3^4)^*-5*6*7-8+9$
731158	G	$-1+23-4^5*6*-7*(8+9)$	860178	G	$1-2^2(3^4)^*-5*6*7-(-8-9)$
731184	G	$-1-2+(3+4^5*6*7)^*(8+9)$	865919	G	$(-1*2^3*4+5^6)^*7*8-9$
732736	G	$-1+(2-3*(4^5+6)-7)^*89$	865937	G	$(-1*2^3*4+5^6)^*7*8+9$
732774	G	$-1-2-(34-5^6)^*(7*8-9)$	866301	P	$-1-2-3^4*5^6*-7*(8-9)$
733275	G	$-1-2+(-3-4^5)^*6*7*(-8-9)$	873119	G	$(-1*2^3+5^6*7)^*8-9$
733374	G	$1*2^3*4*(567*8-9)$	873137	G	$(-1*2^3+5^6*7)^*8+9$
733808	G	$-1-2+(3^4-5^6)^*(-7*8+9)$	874367	G	$1-(2+3)^4+5^6*7*8-9$
734163	G	$-1-23-(4-5^6)^*(7*8-9)$	874756	G	$1-(-2-(-3-4))^*(5/(6^-7*-8)+9)$
734308	G	$1-2*3+4+5^6*(7*8-9)$	874956	P	$(-1*2)^*(-(-3-4*-5^6)^*7+8-9)$
734362	G	$1-2*(3+4)+5^6*(7*8-9)$	875097	G	$(1-2+3^4+5^6*7)^*8+9$
734381	G	$1-2+3+4+5^6*(7*8-9)$	875535	G	$(1*2^3+4+5^6*7)^*8-9$
734390	G	$1+2*(3+4)+5^6*(7*8-9)$	875727	G	$(1*2^3*4+5^6*7)^*8-9$
734444	G	$1+2*3+4+5^6*(7*8-9)$	875935	P	$-1+2^3*(-(-4-5^6)^*7+89)$
734467	G	$1*2^3*4+5^6*(7*8-9)$	876520	G	$-1-(-23-4-5^6)^*7*8+9$
734471	G	$(1+23)^4+5^6*(7*8-9)$	876528	G	$((1*2^3)^4(4+5-6)+7)^*8*9$
734585	P	$-1+23+(-4-5^6)^*(-7*8-9)$	877024	G	$-1-(-2-34-5^6)^*7*8+9$
734742	G	$-1+(2^3)^4*567-89$	877951	G	$-1+2*(3^4-5)^6/(7-8)+9$
736290	G	$1*2^3*4*(567*8+9)$	879087	G	$(1*2^3)^4+5^6*7*8-9$
740015	G	$-1-(2^3)^4*(5-6*(7+89))$	879105	G	$(1*2^3)^4+5^6*7*8+9$
741989	G	$(-1*2^3*4-5^6)^*(-7*8+9)$	883733	G	$-1+2*(3+(4^5*6-7)^*8*9)$
771873	G	$-1-2-(3-4^5)^*(6+78)^*9$	884063	G	$(-1*2^3*4-5^6)^*-7*8-9$
771875	G	$1-2-(3-4^5)^*(6+78)^*9$	884081	G	$(-1*2^3*4-5^6)^*-7*8+9$
776429	G	$-1+(2+(3+4^5)^*(6+78))^*9$	885020	G	$(-1*(2/-3+4)^*(-5^6+7))^*(8+9)$
777616	G	$-1-2*(-3^4)^5+6^7+8+9$	885833	P	$-1-((2+3+4)^5+6)^*(7+8))+9$
780678	G	$(-1*2^3*4)^*(5-6*7*8*9)$	905217	G	$1-2^2(3-(-4-5))^*(-6-7)^*(8+9)$

919819	G	$1+2*(3^4*5678-9)$	1057446	P	$-(1-2*((3*4)^5+(6^7))) -89$
922590	G	$1*2*3^4*5*67*(8+9)$	1059837	G	$-1-2-3*4^5*(-6*7*8-9)$
925098	G	$-1-2-3^4(4+5)*(6*7-89)$	1060867	G	$-1+2*34*(5^6-(7+8+9))$
927287	G	$-1-(2^4-3-4*5)*6^4(7+8-9)$	1061463	G	$1+2*(34*(5^6-7-8)-9)$
927504	G	$(1*2*(3^4-5))*678*9$	1061951	G	$-1+2*-34*(-5^6+7)-8*9$
933097	G	$-1*23+4*5*6^4(7+8-9)$	1061955	G	$-1+2*34*(5^6-(7-8+9))$
936191	G	$(1*2/3^4-5)*67*89$	1061970	G	$-1-(2+(3-4*(5^6-7)))*(8+9))$
937487	G	$1-23-4/(5^6-6/(-7-8))+9$	1062095	G	$-1+2*-34*(-5^6+7)+8*9$
937531	G	$-1+23+4/(5^6-6/(7+8))+9$	1062532	G	$1+2*(34*5^6+7)+8+9$
941110	G	$-1-(2-(-3*4+5)^6+7)*8-9$	1062614	G	$1-2*3+(4*5^6+7)*(8+9)$
941144	P	$1-2-((-3*4+5)^6+7)*8+9$	1062624	G	$-1+2*3+(4*5^6+7)*(8+9)$
941516	G	$-1-(2-((3+4)^5+6)*7*8+9)$	1062626	G	$1+2*3+(4*5^6+7)*(8+9)$
944432	G	$(1*2)*(34/5^6-6-7)*8/9$	1062808	G	$1-2*(3-(4+5)^6)-78+9$
944634	G	$-1-2-3*(4+(5-6^4/7/8)*9)$	1062915	G	$-1+2*(3^4(4-(5-(6+7))))+8+9)$
945996	G	$-1-2+3*(45+6^4/7/8)*9$	1063379	G	$-1-2*(3-(4+5)^6)-7*-8*9$
947853	G	$-1-2+3*(4^5+6^4/7/8*9)$	1063391	G	$-1+2*(3+(4+5)^6)+7*8*9$
957978	G	$-1*2*((3-4^5*6)*78+9)$	1063750	G	$-1-(2-(3+4/5)*(6^4+7+8-9))$
957986	G	$-1-2*(3-4^5*6)*78-9$	1066947	G	$(-1*2*3^4+5^6)*(78-9)$
964221	G	$-1-2+(3^4-4)^5*(6-7/8-9)$	1067459	P	$-(1+23)^4-5*(-6^4+7+89)$
966816	G	$(1*2*3^4)*(5+6*7*89)$	1067899	P	$-(1+23)^4-5*(-6^4+7+8+9)$
974097	G	$((-1*2*3^4+5^6)*7-8)*9$	1067989	P	$-(1+23)^4-5*(-6^4+7-8-9)$
974241	G	$((-1*2*3^4+5^6)*7+8)*9$	1077294	P	$-1-2+(3*4-5^6)*-(78-9)$
981233	G	$-1-2*3^4*(5-678)*9$	1077296	G	$-1-(2^3+4-5^6)*(78-9)$
981235	G	$1-2*3^4*(5-678)*9$	1078053	G	$-1-(2+(-3+4+5^6)*(78-9))$
981821	G	$-1*2-3^4(4*5-6)+7^8-9$	1078120	G	$(1-2)^3-4+5^6*(78-9)$
981822	G	$1-2-3^4(4*5-6)+7^8-9$	1078129	G	$(1*2)^3-4+5^6*(78-9)$
981824	G	$-1+2-3^4(4*5-6)+7^8-9$	1078275	G	$1+2+(3*4)^5*(6+(-7-8)/9)$
981838	G	$-1-2-3^4(4*5-6)+7^8+9$	1078392	G	$-1-(2^3-4+5^6)*(78-9)$
982341	G	$(-1*23+4+5^6*7+8)*9$	1078605	G	$-1-(2-(3+(4+5^6)))*(78-9))$
984147	G	$-1-2+3^4(4+5)*(67-(8+9))$	1082241	G	$1+(23^4(4+5-6)-7)*89$
984237	G	$-1-(2-((-3+4-5^6)*7-8)*9)$	1083335	G	$1+2*(3+4/(5^6-6/78))/9$
984261	P	$-((1*2)/3+4-5^6*7+8)*9$	1089303	G	$(1*2*3^4+5^6)*(78-9)$
984333	P	$-((1*2)/3-4-5^6*7+8)*9$	1092062	G	$-1-2-((3+4)^5-6)*(7-8*9)$
984345	G	$((1*2)/3+4+5^6*7-8)*9$	1093661	G	$(-1*(2*3+4)/-5^6-6)*7-8-9$
984405	P	$-((1*2)/3+4-5^6*7-8)*9$	1093678	G	$(-1*(2-3*4)*5^6)*7-8*9$
984417	G	$((1*2)/3-4+5^6*7+8)*9$	1093747	G	$-1-2+(-3-4)/(5^6-6/(7-8-9))$
984477	P	$-((1*2)/3-4-5^6*7-8)*9$	1093822	G	$(1*(-2+3*4)*5^6)*7+8*9$
984489	G	$((1*2)/3+4+5^6*7+8)*9$	1093839	G	$(-1*(2-3*4)*5^6)*7+8+9$
984507	G	$-1-(2+((3-4-5^6)*7-8)*9)$	1093875	G	$-1+2*(3+4)*(5^6(6-(7-8))+9)$
994509	P	$-((1*2*3^4+5^6)*7+8)*9$	1094433	G	$(1+2*(3+4+5^6+7))*89$
994653	G	$((1*2/3^4-4+5^6)*7+8)*9$	1094883	G	$-1+2*(3+(4^5*6+7)*89)$
995284	G	$-1-23-4*(5-6^4*7*8/9)$	1096194	G	$(1*(2^4-3+4)*(5^6+7))*(8+9)$
995353	G	$1*(2+3+4*(5+6^4*7*8/9))$	1097458	G	$-1-(2*(-3-4^5)*6-7)*89$
995814	G	$(1*2*3^4)*(5+678)*9$	1101241	P	$1+(-2+3^4(-4-5+6))*7*8*9$
999671	P	$-(1-2^3*(-4+5^6+7)*8-9)$	1101865	G	$(1-(2-3^4(4+5+6)))*7*8+9$
1000302	G	$-1+(-2^3*(-4-5^6+7)*8-9)$	1102245	G	$-1-2+3^4(-4+5+6)*7*8*9$
1003835	G	$1+2+3^4(4+5-6+7)*(8+9)$	1102251	G	$1+2+3^4(-4+5+6)*7*8*9$
1005095	G	$(-1*2*3^4+5^6)*7*(8+9)$	1102425	G	$(-1-2+3^4(4+5+6)*7*8+9)$
1012499	G	$-1-(-2-34)*5^6(6+7-8)*9$	1102537	G	$(1-2+3^4(4+5+6)*7*8+9)$
1013412	G	$-1-2+(34-5^6)*(7-8*9)$	1102585	G	$(1-2+(3^4(4+5+6)*7)*8+9)$
1014504	G	$-1-2+(34-5)*(6^4/7-8-9)$	1103257	P	$1-(-2-3^4(-4-5+6))*7*8*9$
1015341	G	$-1-23+(4-5^6)*(7-8*9)$	1109247	G	$(1-23)^4+5^6*7*8-9$
1015387	G	$-1+23+(4-5^6)*(7-8*9)$	1109259	G	$-1-(2-(3+4)^5*(67+8-9))$
1015607	G	$1-23+4+5^6*(7*8+9)$	1113840	G	$(1*2*3^4-5^6-7)*8*9$
1015617	G	$1-2-3-4+5^6*(7*8+9)$	1114111	G	$-1-(2^3-4)^5(56/7)*(-8-9)$
1015621	G	$1+2-3-4+5^6*(7*8+9)$	1117652	P	$-(1+((2*3)^4-4-5^6)*78)-9$
1015640	G	$1+2*(3+4)+5^6*(7*8+9)$	1119257	G	$((1+23^4)*5-6^4+7-8-9)$
1015658	G	$1-2+34+5^6*(7*8+9)$	1119285	G	$-1+23^4*5-6^4+7+8+9$
1015717	G	$1*23*4+5^6*(7*8+9)$	1119342	G	$1+23^4*5-6^4+7+8*9$
1016402	G	$-1-2+(3^4+5^6)*(7*8+9)$	1119358	G	$(1*23)^4*5-6^4+7+8+9$
1026155	G	$(1*2*3^4+5^6)*7*(8+9)$	1119393	G	$-1-(23^4-5*(6^4+7-89))$
1029758	G	$(-1*(2^4-3-4)*(5^6+7))*(8+9)$	1119478	G	$1-2+3+4*(5+6^4+7-8*9)$
1031250	G	$(1*(2+3/4)*5^6)*(7+8+9)$	1120111	P	$(-1-2)*3-4*(-5-(-6^4+7-89))$
1032162	G	$-1-2-3*(4^5*6*-7*8+9)$	1120127	P	$1-2*-3-4*(-5+6^4+7+89)$
1037229	G	$-1-2+(3+4)^5*6/7*8*9$	1120198	G	$-1-(23^4-5*(6^4+7+8*9))$
1037235	G	$1+2+(3+4)^5*6/7*8*9$	1124429	G	$1-2*34+(5^6-7)*8*9$
1040625	G	$(1+2+34)*5^6(6+7-8)*9$	1124439	G	$-1-2+(3/4-5^6+7)*8*9$
1042022	G	$-1-2+(3+4)^5*(6+7*8)-9$	1124709	G	$-1-(2+3*(4-5^6)*(7+8+9))$
1048622	G	$-1+(2^4(3+(4*5-6))+7)*8-9$	1124935	G	$(1*(2+(3+4))*5^6-7)*8-9$
1048640	G	$-1+(2^4(3+(4*5-6))+7)*8+9$	1124953	G	$(1*(2+(3+4))*5^6-7)*8+9$

1125437	G	$1-2*34+(5^6+7)*8*9$	1241759	P	$-(1-2^3)^4-5*-6^7*8/9$
1125447	G	$-1-(2+(3/4-(5^6+7)))*8*9$	1244078	G	$1-2-3^4+5*6^7*8/9$
1125770	G	$1-23+(4+(5^6+7))*8*9$	1244240	G	$1-2+3^4+5*6^7*8/9$
1127951	G	$1-2+(34+5^6+7)*8*9$	1245165	G	$-1-(-2-3^4)*(5^6-7*89)$
1131990	G	$-1-((2*3)^4-5^6)*(7+8*9)$	1247173	G	$(-1*2*-3^4+5^6)*(7+8*9)$
1133762	G	$-1+(2*3^4+5)*6789$	1249431	G	$(-1*(2*3+4)*(-5^6+7))*8-9$
1162916	G	$-1-2-(3-4^5)*67*(8+9)$	1249449	G	$(-1*(2*3+4)*(-5^6+7))*8+9$
1165513	P	$-((1-23)^4-5*6^7)+89$	1250048	G	$1+((2*3+4)*5^6+7)*8-9$
1165869	P	$-(1-23)^4-5*(-6^7-89)$	1250119	G	$(1-2+3^4)*5^6-7*(-8-9)$
1165928	G	$(-1-23+4^5*67)*(8+9)$	1250504	G	$(1-2+3^4)*5^6-7*-8*9$
1166384	G	$-1-2+(3+4^5*67)*(8+9)$	1250551	G	$(-1*(2-3^4)*(5^6+7))*8-9$
1166420	G	$-1-(2-3-4^5*67)*(8+9)$	1250569	G	$(-1*(2-3^4)*(5^6+7))*8+9$
1179108	G	$(-1+(2^(-3+4^5)-67)+8)*9$	1264834	G	$-1*2+3^4/5^6-789$
1179556	G	$-1-2-((3/4)^5-6^7+89)$	1264921	G	$-1*2+3^4*5^6-78*9$
1179861	G	$-1-2+(3-(4/(5-6)))^7)*8*9$	1265000	G	$-1*2+3^4*5^6-7*89$
1180287	G	$-1-(2^(-3+4^5)-6)+78)*9$	1265004	G	$1*2+3^4*5^6-7*89$
1180322	P	$-1+(2^(-3-4^5)+67+8)*9$	1265055	P	$-1-(2+3^4*(-5^6+7))^(8-9))$
1180403	P	$-1+(2^(-3-4^5)+6+78)*9$	1265118	G	$-1-2+3^4/5^6-6-7*8*9$
1181294	G	$-1-2-(3-4^5)*(6+7)*89$	1265119	G	$-1*2+3^4/5^6-6-7*8*9$
1181296	G	$1-2-(3-4^5)*(6+7)*89$	1265120	G	$1-2+3^4/5^6-6-7*8*9$
1181297	G	$(1-2)*(3-4^5)*(6+7)*89$	1265577	G	$1-2+3^4*5^6-7*8+9$
1188416	G	$-1+(2+(3+4^5)*(6+7))*89$	1265599	G	$-1*2+3^4*5^6-7-8-9$
1189419	G	$-1-2-(3/4-5)*(6^7-8*9)$	1265687	G	$-1-2-3^4*5^6-7+8*9$
1189564	G	$-1-2-34*(5-6^7/8)+9$	1267966	G	$(1*2*3^4-5^6)*(7-89)$
1189904	G	$-1-(2-34*(5+6^7/8))+9$	1271739	G	$(1-2+3^4*5^6)*(78-9)$
1190031	G	$-1-2-(3/4-5)*(6^7+8*9)$	1271805	G	$-1-2-3^4*5^6*(-78+9)$
1191709	G	$-1-(2*3+4^5)*(-6-7)*89$	1278459	G	$-1-(2-(34-5^6)*(7-89))$
1196352	G	$((-1-2)*3^4-5)*67*8*-9$	1278874	G	$-1-(2-(3^4(4+5)-6))*(7^8+9)$
1206105	G	$(-1*2*3^4+5^6)*78-9$	1279070	G	$(1-2-3^4(4+5)+6)*(7-8*9)$
1206123	G	$(-1*2*3^4+5^6)*78+9$	1280673	G	$-1-(2+(-3-(4-5^6)))*(7-89))$
1211582	G	$-1-(23^4-5^6)*78+9$	1280675	G	$1-2+(3+4-5^6)*(7-89)$
1212408	G	$1-2^(3*4)*(-5+6*7)*-8-9$	1280898	G	$-1-(23-(4-5^6)*(7-89))$
1212440	G	$1-2-(3^4-5^6)*78+9$	1280913	G	$-1-(2^3-(4-5^6)*(7-89))$
1213454	G	$-1-(2*3^4-5^6)*78+9$	1281017	G	$1-234-5^6*(7-89)$
1214664	G	$1-2^(3*4)+5^6*78+9$	1281158	G	$-1*23^4-5^6*(7-89)$
1217820	G	$-1-2-(3^4-5^6)*78+9$	1281245	G	$1*2-3-4-5^6*(7-89)$
1218115	P	$(-1-2+3^4)*(-5^6+7)-89$	1281264	G	$1*2+3^4-5^6*(7-89)$
1218210	G	$-1-(2+(3+(4-5^6)))*78-9$	1281286	G	$1*2+34-5^6*(7-89)$
1218469	G	$-1+23-(4-5^6)*78+9$	1281318	G	$1*2*34-5^6*(7-89)$
1218660	G	$(1-2)*3^4+5^6*78-9$	1281342	G	$1*23^4-5^6*(7-89)$
1218709	G	$1*2-34+5^6*78-9$	1282231	P	$-1-2+(3^4+5^6)*(-7-89)$
1218724	G	$1-2-34+5^6*78+9$	1282233	G	$-1-(2^3+4+5^6)*(7-89)$
1218725	G	$(1-2)*34+5^6*78+9$	1282845	G	$-1-2*(3-(4^5+6)*7)*89$
1218731	G	$1*2-3^4+5^6*78-9$	1288906	G	$-1-(-2-3^4)*(5^6-(7+89))$
1218732	G	$1+2-3^4+5^6*78-9$	1289653	G	$-1-(-2-3^4)*(5^6-(78+9))$
1218834	G	$1+23^4+5^6*78-9$	1290068	G	$-1-(-2-3^4)*(5^6+7-89)$
1219302	G	$-1-2+(3+(4+5^6))*78+9$	1291147	G	$-1-(-2-3^4)*(5^6-(78-9))$
1219692	G	$-1-2+(3^4+5^6)*78+9$	1294534	G	$(-1*2*3^4-5^6)*(7-89)$
1220334	G	$-1-(2-3^4(4+5))*(6+7*8)-9$	1299075	G	$-1-2+3^4(4+5)*(67+8-9)$
1221241	G	$(1*2+3)^4*(5^6+7)/8-9$	1302069	G	$-1-2/3*(4^5-(6+(7-8)))^9$
1221577	G	$(-1*2*3^4+5^6)*(7+8*9)$	1302094	G	$-1+(2/3*(4+5^6(-6-(-7-8))))+9$
1222837	G	$(1*2^3)^4+5^6*78-9$	1302096	G	$1+2/3*(4+5^6(-6-(-7-8)))^9$
1222855	G	$1*2^2(3^4)+5^6*78+9$	1302601	G	$-1-(-2-3^4)*(5^6+78-9)$
1224507	G	$-1-(2-(3+4)^5*(6/7+8*9))$	1303680	G	$-1-(-2-3^4)*(5^6-(7-89))$
1224728	G	$1-2+(3+4)*5^6*7/8+9$	1304095	G	$-1-(-2-3^4)*(5^6+78+9)$
1224780	P	$-1-2+(-3-4)*(-5^6*7/8+9)$	1304842	G	$-1-(-2-3^4)*(5^6+7+89)$
1226908	G	$-1-2-(3+4)^5*(6-(7+8*9))$	1304999	G	$-1-((2+3)^4-5^6)*(78+9)$
1233424	G	$-1-(2+(3^4-5^6)*(7+8*9))$	1306361	G	$1*2+(3^4)^5*6^7/8-9$
1233838	G	$-1-(-2+3^4)*(-5^6+7)+8+9$	1310330	G	$-1-(2-(3+4)^5+6)*78+9$
1234343	G	$1*2-34+5^6*(7+8*9)$	1310466	P	$-1-2-(-3+4)^5+6)*78-9$
1234467	G	$(1*23)*4+5^6*(7+8*9)$	1310485	P	$-(1*2-((3+4)^5-6)*78)+9$
1234667	P	$-1-23+(-4-5^6)*(-7+8*9)$	1311560	G	$-1+(2+(3+4)^5+6)*78-9$
1234713	G	$-1-(-23+(-4-5^6)*(7-8*-9))$	1312426	G	$1+(2-3^4*5^6)*7-89$
1235093	G	$-1+2*(3+(4^5*67+8)*9)$	1312427	G	$1-2+3^4*5^6*7-8*9$
1237058	P	$-1-2+(-34-5^6)*(-7+8*9)$	1312481	G	$-1*2-3*-4/5^6-6*7-8-9$
1237599	P	$-(1+2^3)^4-5*6^7*8/9$	1318605	G	$(1-2+3^4(4+5))*67-89$
1238608	G	$-1-(2-3^4)*(5^6-78*9)$	1318811	G	$(-1+2+3^4(4+5))*67-8-9$
1238633	G	$-1-(2*(-3-4^5)*67-8)*9$	1318829	G	$(-1+2+3^4(4+5))*67-8+9$
1239028	G	$(-1*(2/3+4)*(-5^6+7))*(8+9)$	1319726	G	$-1+(-2/(3+4)+5)*(6^7+8)-9$
1239933	P	$-(1-(2-(3-4))^5+6)*7-89$	1319744	G	$-1-((2/(3+4)-5)*(6^7+8)-9)$

1326597	G	$-1-2+(3^4 \cdot 5^6 - 6^7) \cdot 8^9$	1399292	G	$-1+23^4 \cdot 5^6 + 6^7 + 8^9$
1327107	G	$1+2+(3/4)^{-5} \cdot 6^7/8^9$	1399305	G	$-1-(2+3^4-5^6)(6^7-8^9)$
1327222	G	$-1-((2^3 \cdot 3^4)^{-5}/6-7^8)(8+9)$	1399393	P	$1+((-2^3 \cdot 3^4)^{-4}+5^6) \cdot 6^7-8^9$
1327530	G	$(-1^*(-2+3+4)^5 \cdot (-5^6+7^8))^*(8+9)$	1399427	P	$1+23^4 \cdot 5^6 + (-6^7)^5 \cdot (-8+9)$
1328071	P	$-1-2+(3-(4-5+6)^7)^5 \cdot (-8+9)$	1399959	G	$((1-2)^3 \cdot 3^4 + 5^6)(6^7+8^9)$
1328075	G	$-1-(-2+(3-(4-5+6)^7))^5 \cdot (8+9)$	1399998	G	$-1+234+5^6(6^7+8+9)$
1339757	G	$1-2+(3+4)^5 \cdot (6/7+8)^9$	1400002	G	$-1+234+5^6 \cdot 6^7+8^9$
1339759	G	$-1+2+(3+4)^5 \cdot (6/7+8)^9$	1400012	G	$-1-(23+4-5^6)(6^7+8^9)$
1344366	G	$-1-((2/3)^4-5^6)/6^7-7-8-9$	1400030	G	$1^2-3^4+5^6(6^7+8^9)$
1345281	G	$(-1^2 \cdot 3^4 + 5^6)^7(78+9)$	1400058	G	$1-2^3 \cdot 34-5^6(-6^7-8^9)$
1348583	G	$-1-(-2 \cdot 3^4)^5 \cdot (5^6+7^8)^9$	1400094	G	$1+2-34+5^6(6^7+8^9)$
1353022	G	$-1+((2/(3^4-4)^5)+5^6)^7+8^9-9$	1400301	G	$(1+(2+3)^4+5^6)(6^7+8-9)$
1355140	G	$-1-(-2 \cdot 3^4)^5 \cdot (5^6+7^8+9)$	1401210	G	$(1^*(-2+3^4)^5 \cdot (5^6-7^8))^9$
1359285	G	$-1-(2+(-3+4-5^6))^7(78+9)$	1402944	G	$1+23^4 \cdot 5^6 + 6^7 \cdot 8^9$
1359443	G	$1^2 \cdot 3^4 + 5^6 \cdot (78+9)$	1403330	P	$-1+2^{\wedge}(3^4)-5^6 \cdot (-6^7-8^9)$
1359699	G	$-1+(23-(4+5^6))^7(78+9)$	1403415	G	$-1+(2^{\wedge}(3^4)-5^6)(-6^7+8^9)$
1359714	G	$(-1-2)^3+3+(4+5^6)^7(78+9)$	1403726	G	$-1+2^{\wedge}(3^4)-5^6(-6^7+8-9)$
1359981	G	$-1-(2-(3+(4+5^6)))^7(78+9)$	1403806	P	$-1+2^{\wedge}(3^4)-5^6(-6^7+8)-9$
1360416	G	$-1-2+(3^4+5^6)^7(78+9)$	1404135	G	$-1+(2^{\wedge}(3^4)-5^6)(-6^7-8^9)$
1362330	G	$-1-(2-(34+5^6))^7(78+9)$	1404900	G	$(-1^*(2-3^4)^5 \cdot (5^6-7^8))^9$
1364223	G	$1+23^4 \cdot 5^6-6^7/8+9$	1405620	G	$(1^*(-2-3)/4)^5 \cdot (5^6+7^8) \cdot 8^9$
1364334	G	$-1-2+(34+5)^6(6^7/8-9)$	1405666	G	$(1^2 \cdot 3^4 + 5^6 + 7^8) \cdot 8^9$
1370510	G	$-1+(2^{\wedge}(3+4)+5^6)^7(78+9)$	1405746	G	$(1^*(2+3)/4)^5 \cdot 6^7 \cdot 8^9$
1373469	G	$(1^2 \cdot 3^4 + 5^6)^7(78+9)$	1406172	G	$-1^2 \cdot (3+(4-5^6)(6-7-8))^9$
1374872	G	$1+23^4 \cdot 5^6(5+6/(-78+9))$	1406184	G	$1^2 \cdot (3-(4-5^6)(6-(7-8)))^9$
1376248	G	$1+2^{\wedge}(3+4+5)^6 \cdot 7^8-9$	1406264	G	$1^2 \cdot (3+4+5^6)(6-(7-8))^9$
1376830	G	$(-1^2 \cdot 3^4 + 5^6 + 7^8) \cdot 8^9$	1406316	G	$-1^2 \cdot (3-(4+5^6)(6-(7-8)))^9$
1386449	G	$-1+2^*(3+4^5)^6(67+8)^9$	1406328	G	$1^2 \cdot (3+(4+5^6)(6-(7-8)))^9$
1388558	G	$-1+2^*(3+4^5 \cdot 678)+9$	1406754	G	$(-1^*(2-3^4)^5 \cdot 6^7+8^9)^9$
1389910	G	$-1-2+(3-4+(5^6-7))^8 \cdot 8^9$	1406880	G	$(1^*(2-3/4)^5 \cdot (5^6+7^8))^8 \cdot 9$
1389992	G	$1^2-3^4+(5^6-7)^8 \cdot 8^9$	1407600	G	$(-1^*(2-3^4)^5 \cdot (5^6+7^8))^9$
1390130	G	$1^2 \cdot (3+4)^5 + (5^6-7)^8 \cdot 8^9$	1410276	G	$(1+2+(-3-4)^5/6)^7 \cdot (-7^8 \cdot 8^9)$
1390164	G	$1^2 \cdot 3^4 + (5^6-7)^8 \cdot 8^9$	1411290	G	$(1^*(-2+3^4)^5 \cdot (5^6+7^8))^9$
1391121	G	$1-2^{\wedge}(3+4)^5 + (5^6+7)^8 \cdot 8^9$	1412349	G	$-1-2+(3^{\wedge}(4+5)-67)^8 \cdot 8^9$
1391214	G	$(1-2)^3+3+(5^6+7)^8 \cdot 8^9$	1413270	G	$(1^*(2^3+4)^5 \cdot (5^6+7^8))^9$
1391238	G	$1^2-3^4+(5^6+7)^8 \cdot 8^9$	1414151	G	$1-2+(3^{\wedge}(4+5)-6^7)^8 \cdot 8^9$
1391285	G	$1+2+34+(5^6+7)^8 \cdot 8^9$	1414561	G	$-1+2^*(34-5)^{\wedge}(-6-7+8+9)$
1391376	G	$1^2 \cdot (3+4)^5 + (5^6+7)^8 \cdot 8^9$	1414563	G	$1+2^*(34-5)^{\wedge}(-6-7+8+9)$
1391410	G	$1^2 \cdot 3^4 + (5^6+7)^8 \cdot 8^9$	1416237	G	$-1-2+(3^{\wedge}(4+5)-6-7)^8 \cdot 8^9$
1391868	G	$-1-(2-(3+4+(5^6+7)))^8 \cdot 8^9$	1417101	G	$-1-(2-(3^{\wedge}(4+5)+6-7))^8 \cdot 8^9$
1393047	P	$-((1+2^{\wedge}3)^4-5^6 \cdot 6^7)-8^9$	1418109	G	$-1-2+(3^{\wedge}(4+5)+6+7)^8 \cdot 8^9$
1393102	G	$-1+23^4 \cdot 5^6-678^9$	1423540	P	$1+23^4 \cdot 5^6(5+6/(-78+9))$
1393191	P	$-((1+2^{\wedge}3)^4-5^6 \cdot 6^7)+8^9$	1434211	G	$((1+23^4)^5+6^7/8+9)$
1394098	G	$1^2 \cdot (3^4)^5 + (5^6-7)^8 \cdot 8^9$	1435291	G	$-1+23^4 \cdot 5^6(5^6-7+8+9)$
1395138	P	$-1-2^{\wedge}(3^4)-5^6(-6^7-8^9)$	1436763	G	$-1+23^4 \cdot 5^6(5^6-7-8+9)$
1395223	P	$-1-2^{\wedge}(3^4)-5^6(-6^7-8^9)$	1436783	G	$-1+23^4 \cdot 5^6(-5^6+7^8)-8^9$
1395344	G	$1^2 \cdot (3^4)^5 + (5^6+7)^8 \cdot 8^9$	1436927	G	$-1+23^4 \cdot 5^6(-5^6+7^8)+8^9$
1395468	G	$1+23^4 \cdot 5^6-6^7 \cdot 8^9$	1437200	G	$-1+23^4 \cdot 5^6(5^6+7-8-9)$
1395534	G	$-1-2^{\wedge}(3^4)-5^6(-6^7+8)-9$	1437679	P	$1-23^4 \cdot (4^5 \cdot 5^6+7^8)+8^9$
1395614	P	$-1-2^{\wedge}(3^4)-5^6(-6^7+8)-9$	1438534	G	$-1+23^4 \cdot (-4^5 \cdot (-5^6-7^8)+8+9)$
1395656	G	$-1^2 \cdot (3^4)^5 + 5^6 \cdot 6^7+8^9$	1446065	G	$-1-2^*(3-(4^5+6)^7+8^9)^9$
1395943	P	$-1-2^{\wedge}(3^4)-5^6(-6^7+8^9)$	1447872	G	$-1+23^4(4+5-6)^7 \cdot 8^9$
1397280	G	$(-1-2+3^{\wedge}(4+5))^7(6-7+8^9)$	1456125	G	$-1-2-3^4 \cdot 5^6-6^7(7+8^9)$
1398023	G	$-1-((2^3)^4-5^6)(6^7-8^9)$	1461136	G	$(-1^2 \cdot (3^4-5^6))^7(7^8-9)$
1398049	G	$1+23^4 \cdot 5^6-(6+7)^8 \cdot 8^9$	1465341	G	$-1-2-3^4 \cdot 5^6(-6^7-8-9)$
1398067	G	$1+23^4 \cdot 5^6-67^8(8+9)$	1469149	G	$1+(23^4-5)^6 \cdot 6^7/8+9$
1398270	G	$1+23^4 \cdot 5^6+(-6-7)^8 \cdot 8^9$	1470039	G	$-1-2-(3-45)^6(6^7/8+9)$
1398296	G	$1-(2^3)^4-5/6^7-7-8-9$	1476065	P	$-(1+(2-3^{\wedge}(4+5))^6(67+8))-9$
1398411	G	$1+23^4 \cdot 5^6-(6+78)^9$	1476215	G	$1-2+3^{\wedge}(4+5)^6(67+8)-9$
1398473	G	$-1^*(2^3)^4-5/6^7-7+8^9$	1476224	G	$1-2+3^{\wedge}(4+5)^6(6+78-9)$
1398508	G	$-1+23^4 \cdot 5^6+6-78^9$	1476364	G	$(1^2 \cdot (3^4+5^6))^7(7^8-9)$
1398510	G	$1+23^4 \cdot 5^6+6-78^9$	1479694	P	$-(1-(2/(3+4)+5)^6(6^7+8))-9$
1398610	G	$-1^*((2+3)^4-5^6)(6^7-8^9)$	1479712	P	$-(1-(2/(3+4)+5)^6(6^7+8))+9$
1398695	G	$(1^2 \cdot 23)^4 \cdot 5^6-6-7^8 \cdot 8^9$	1484448	G	$(-1^2 \cdot 3^4+5^6)^7(7+8^9)$
1398714	P	$1+23^4 \cdot 5^6-6^7-7-8^9$	1490823	G	$(1+23^4 \cdot (4^5+6)^7-8^9)^9$
1399050	G	$1+23^4 \cdot 5^6-(67+8^9)$	1492200	G	$-1-2+(3^4)^5 \cdot 6^7-8^9$
1399064	G	$(1^2 \cdot 23)^4 \cdot 5^6-6-(7+8)^9$	1492485	G	$-1-2+(3^4)^5 \cdot 6^7-8^9$
1399085	G	$-1-234+5^6(6^7-8^9)$	1492757	G	$-1-2/3^*(45-6^7)^8 \cdot 8-9$
1399106	G	$(1^2 \cdot 23)^4 \cdot 5^6-6^7(7+8)-9$	1492904	G	$1-2+(3^4)^5 \cdot 6^7-8-9$
1399287	G	$1+23^4 \cdot 5^6+6+78+9$	1492942	G	$-1-2+(3^4)^5 \cdot 6^7-8+9$

1493054	G	$-1-2+(3^4)^5*6+7*8+9$	1646811	P	$-(1+2^3)^4*5+6^7(7-8+9)$
1493493	G	$-1-2+(3^4)^5*6-7*-8*9$	1653362	G	$1-2+3^4(4+5)^*(6+78)-9$
1493612	G	$-1-2+(3^4)^5*6+7*8*9$	1657006	G	$-1-2-3^4-4^*((5-6)^7-8^9)$
1493691	G	$-1-2+(3^4)^5*6+78*9$	1667611	P	$-(1-2^3)^4*5+6^7(7-8+9)$
1496136	G	$(-1-2-3^4(4+5))^*((6+7)-89)$	1673052	G	$-1-(2-3^4(4+5))^*(6+7+8^9))$
1499317	G	$-1*2-3^4*(-5^6+7)^*8-9$	1673135	G	$-1-(2^3)^4*5+6^7(7-(8-9))$
1499318	G	$1-2-3^4*(-5^6+7)^*8-9$	1673437	G	$-1+2^*(3^4(5-6^7)-8-9)$
1499447	G	$-1-(23/4-5^6)^*(7+89)$	1674237	G	$-1-2-3^4*5^*(6-7^8-9)$
1499908	G	$-1*23^4+5^6*(7+89)$	1678310	G	$-1-(2^3)^4+(5-6+7)^8-9$
1499955	G	$1^2+(3^4*5^6-7)^*8+9$	1678806	G	$(-1*2^3)^4*5+6^7(7-(8-9))$
1500067	G	$1^2+(3^4*5^6+7)^*8+9$	1679181	G	$-1-2+(3+45)^*(6^7/8-9)$
1500092	G	$1^23^4+5^6*(7+89)$	1679229	G	$-1+23^4*5+6^7+89$
1500179	G	$1^2-3^*(4^5*6+7)^*-8+9$	1679230	G	$1^23^4*5+6^7+89$
1500180	G	$1+2-3^*(4^5*6+7)^*-8+9$	1679383	P	$-((-1+((2^3)^4-4-5))^*6^7+8)-9$
1500375	G	$-1-(2^3-(4+5^6)^*(7+89))$	1679965	G	$-1+23^4-5^*(6^7-89)$
1500661	G	$-1*(2-3^4-4^*(5^6+7)^*8-9$	1680203	G	$-1+2^*-3^*(4-5+6^7-89)$
1500662	G	$1-2-3^*-4^*(5^6+7)^*8-9$	1680426	G	$(1^2*3^4)^*5+6^7(7-(8-9))$
1500669	G	$-1-(2-(3+(4+5^6)))^*(7+89))$	1680637	G	$(1-2)^*(3-4^5)+6^7(7-8+9)$
1501149	G	$-1-2+(3^4+5^6)^*(7+89)$	1680902	G	$-1+(2^3)^4+(5-6+7)^8-9$
1503261	G	$-1-(2-(34+5^6)^*(7+89))$	1685703	G	$(1^2)^3*(4^5+6^7-8)-9$
1503377	G	$1-2+34^5(5+6-7)/8^9$	1685725	G	$-1+2^*((3^4(4^5+6^7)-8)-9)$
1503379	G	$-1+2+34^5(5+6-7)/8^9$	1685766	G	$1^2*3^*(4^5+(6^7-(8-9)))$
1503381	G	$1+2+34^5(5+6-7)/8^9$	1686095	G	$-1+(2^3)^4*5+6^7(7-(8-9))$
1503397	G	$1+(2+34^5(5+6-7)/8)^*9$	1687497	G	$-1-2-3^4*5^6/((7-8)/9)$
1504646	G	$-1-(-23-4^5)^*6^7/8-9$	1688508	G	$(-1*2^*(3/4^5*6+7))^*-8^9$
1512287	G	$-1+(2^4(3+4)+5^6)^*(7+89)$	1712940	G	$-1-2+(3^4(4+5)+6)^*(78+9)$
1512644	G	$-1*(2-3^4*5^6)^*7*8*9$	1725540	P	$-1-(2-3^4(-4-5)+6)^*789$
1513711	G	$-1-(2-3^4*5^6*7)^*8*9$	1727910	G	$(1+2+3^4(-4+5+6))^*789$
1513801	G	$(1-2+3^4*5^6*7)^*8*9$	1732101	G	$-1-(2-3^4(4+5))^*(6-7+89))$
1514067	G	$-1+(2+3^4*5^6*7)^*8*9$	1739060	G	$(1^*(2-3/4)^*(5^6+7))^*8*9$
1515136	G	$1^*(2+3^4*5^6)^*7*8*9$	1740919	G	$(-1*2^*(3^4-5^6))^*7*8-9$
1515552	G	$(1^2*3^4+5^6)^*(7+89)$	1740937	G	$(-1*2^*(3^4-5^6))^*7*8+9$
1520643	G	$1+2+(3^4)^5*(6+(-7+8)/9)$	1745735	G	$((1-(2-3^4(4+5)))^6-7)^*8*9$
1531161	G	$(1^*(2+3^4)^5*6)^*7-8*9$	1759063	G	$(1^2*3^4(4+5^6))^*7*8-9$
1531178	G	$(1^*(2+3^4)^5*6)^*7-8^9$	1759081	G	$(1^2*3^4(4+5^6))^*7*8+9$
1531233	G	$(1^*(2+3^4)^5*6)^*7-(8+9)$	1764713	P	$-(1+(2-(3^4-4+5)^6)^*(7+8))+9$
1531249	G	$(1^*(2+3^4)^5*6)^*7+8-9$	1767678	G	$(-1+23)^*((4^5+6)^*78+9)$
1531250	G	$(-1*2^*(3+4)^5*6)^*7/(8-9)$	1769577	G	$-1-(2-3^*(4+(5+6-7)^8))^*9$
1531251	G	$(1^2*(3+4)^5*6)^*7-(8-9)$	1771524	G	$-1-2-34+(5+6)^7(7+8-9)$
1531267	G	$(1^*(2+3^4)^5*6)^*7+8+9$	1771579	G	$-1+23-4+(5+6)^7(7+8-9)$
1531322	G	$(1^*(2+3^4)^5*6)^*7+8^9$	1771587	G	$-1+23+4+(5+6)^7(7+8-9)$
1531339	G	$(1^*(2+3^4)^5*6)^*7+8*9$	1781250	G	$(1^*(23-4)^5*6)^*(7+8-9)$
1535272	P	$-(1^2)^3+3^4(-4-5+6)^*78*9$	1797173	G	$-1+23^*(4+5^6(6-7+8)+9)$
1535276	G	$1^2+3^4(-4+5+6)^*78*9$	1821652	G	$(1+2^4(3^4)^5-6-7)^*8*9$
1537380	G	$(1+2+3^4(-4-(-5-6)))^*78*9$	1823788	G	$(1+2^4(3^4)^*-5-6-7)^*-8*9$
1539213	G	$-1-2+3^*(4^5-6)^*7*8*9$	1826498	G	$-1+23^*((4^5-6)^*78+9)$
1539630	P	$-(1-(2^4(3-4)+5)^*6^7+8)-9$	1830516	G	$-1-(2-3^4(4+5))^*(6+78+9))$
1539849	G	$-1+23^*(4^5+6)^*(7+8+9)$	1830518	G	$1-2+3^4(4+5)^*(6+78+9)$
1540088	G	$1+2^4(3^4)^*(-5-6^7)^*-8-9$	1836596	G	$-1+(23^4*5^6)^*78+9$
1551309	G	$-1-2+(3^4*5^6+7)^*8*9$	1840097	G	$(-1*2^3*4^5+6)^*7*(8+9)$
1552823	G	$-1+2^*(3-4^5)^*(-6-78)^*9$	1849488	P	$-(1-23^4+5^6)^*7-(8+9)$
1554480	G	$-1-(2-(3^4(4+5)-6)^*(7+8^9))$	1849506	P	$-(1-23^4+5^6)^*7-(8-9)$
1561091	G	$1^23^4-5^6*(7-89)$	1849600	P	$-(1-(23^4-5^6)^*7)+89$
1562440	G	$-1-23+4^*((5/(6-7))^8-9)$	1855326	G	$-1-2-(34-5^6)^*7*(8+9)$
1570485	G	$(1-2)^*(3+4^5(5+6))^7+8-9$	1855414	G	$(1-234+5^6*7)^*(8+9)$
1594095	G	$-1-2+3^*((4+5)^6-78)+9$	1857794	P	$-(1+23^4-5^6*7)^*(8+9)$
1594479	G	$-1-2+3^*((4+5)^6+7^8)-9$	1858236	G	$(1-2^3*4+5^6*7)^*(8+9)$
1596662	G	$-1-2+(3+4)^5*((6+7)^*8-9)$	1858875	G	$-1-23-(4-5^6)^*7*(8+9)$
1603581	G	$-1-2-3^4*5^6*(-78-9)$	1858921	G	$-1+23-(4-5^6)^*7*(8+9)$
1605648	G	$-1+2^4(3^4)^*5^6*7+8+9$	1858947	G	$-1-2+(3-(4-5^6)^*7)^*(8+9)$
1605650	G	$1+2^4(3^4)^*5^6*7+8+9$	1859173	G	$1^2-(3^4-5^6*7)^*(8+9)$
1609215	G	$-1-2+(3/4+5)^*(6^7-8^9)$	1859312	G	$1^2+3-(4-5^6*7)^*(8+9)$
1610043	G	$-1-2+(3/4+5)^*(6^7+8^9)$	1859330	G	$1^23-(4-5^6*7)^*(8+9)$
1621354	P	$-(1+23)^4+5+6+(6+7-8)^9$	1859370	G	$1^2-3-4+5^6*7*(8+9)$
1624144	G	$-1-(-2-3-4/5)^*(6^7+89)$	1859402	G	$1^23+4+5^6*7*(8+9)$
1625345	G	$-1+2^*(3+(4^5+6)^*789)$	1859442	G	$1^2-3+(4+5^6*7)^*(8+9)$
1625501	G	$-1-(-23^4*5^6)^*(78-9)$	1859448	G	$1^2+3+(4+5^6*7)^*(8+9)$
1634679	G	$(1+23^*(4^5+6))^*(78-9)$	1859466	G	$1^23+(4+5^6*7)^*(8+9)$
1642314	G	$-1-(2-3^*(4^5*6+7)^*89)$	1859562	G	$(1+2^3*4+5^6*7)^*(8+9)$
1642546	G	$1-23^4(4+5-6)^*(-7-8)^*9$	1859581	G	$1^2+3^4+5^6*7)^*(8+9)$

1859899	P	$-1-2+(-3+(-4-5^6)^7)^*(-8+9)$	2000744	G	$-1-2+((3+4)^5+6)^7*(8+9)$
1860514	P	$-(1-2^3*4-5^6)^7*(8+9)$	2000878	P	$-(1-2^3(3+4)^*(5^6+7)+8)-9$
1860800	G	$-1-2+(3^4+5^6)^7*(8+9)$	2001023	G	$-1+2^3(3+4)^*(5^6+7-(8-9))$
1874945	G	$-1+2^3*(4/5^4(-6-(-7+8)))-9$	2002005	G	$(1+23*4^5)^*(6+7-8^*-9)$
1875016	G	$1+2^3(3-4/(5^4-6/(-7-8)))+9$	2006015	G	$-1+2^3(3+4)^*(5^6+7*(8-9))$
1878653	G	$(-1*2^3-3^4+5^6)^7*(8+9)$	2006209	G	$1+(23+4^5)^6*(7+8-9)$
1882289	G	$-1+2^3((3^4-4+5)^6-7)^8*(8+9)$	2007663	G	$-1-(2-3^4(4+5)^*(6+7+8+9))$
1888429	P	$-(1-23+4)^5-6^7*(8+9)$	2007665	G	$1-2+3^4(4+5)^*(6+7+8+9)$
1889046	P	$-(1-23+4)^5-6^7*(78+9)$	2020720	G	$(1*2^3(3^4-5^6))^*(7-8^*9)$
1889789	P	$-(1-23+4)^5+(6+7)^*(8+9)$	2035890	G	$(1*2/(3-4/5))^*(6^7*8-9)$
1890141	G	$-1-2+(3^4(4+5)+6)^*(7+8+9)$	2041780	G	$(-1*2^3(3^4+5^6))^*(7-8^*9)$
1899188	G	$-1-(2-(3+4)^5*(6+7)^8+9))$	2046937	G	$(1-2+3^4(4+5))^*(6+7)^8+9$
1900543	G	$-1+2^3(3^4+5)/6^7*(78+9)$	2078036	G	$(1*(23-4)/5^4-6)^7-8-9$
1903555	G	$-1-2+34/5^6(6^7+8-9)$	2078053	G	$(1*(23-4)^5*6)^7-8^*9$
1904167	G	$-1-2-34/5^6(-6^7-8-9)$	2078108	G	$(1*(23-4)^5*6)^7-(8+9)$
1907715	G	$1+2+(3^4)^5*(6-(7-8)/9)$	2078124	G	$(1*(23-4)^5*6)^7+8-9$
1910143	G	$-1+2^3(3+4)^*(5^6-78^*9)$	2078125	G	$(-1*(23-4)^5*6)^7/(8-9)$
1910295	G	$-1+(2+(3^4*5-6)^7)^*8-9$	2078126	G	$(1*(23-4)^5*6)^7-(8-9)$
1917272	G	$1+2+3^4*5^6*78-9$	2078142	G	$(1*(23-4)^5*6)^7+8+9$
1920255	G	$-1+2^3(3+4)^*(5^6-7^*8-9)$	2078197	G	$(1*(23-4)^5*6)^7+8^*9$
1925069	G	$1-2-3^4(4^5+6)^7-7^*8-9$	2078214	G	$(1*(23-4)/5^4-6)^7+8-9$
1925073	G	$1+2-3^4(4^5+6)^7-7^*8-9$	2079743	G	$-1+2^3(3+4)^*(5^6+7^*8-9)$
1928445	G	$-1-(2-(3^4)^5)+6^7(7-8+9)$	2082012	G	$-1-(2+(3^4(4+5)-6^7)^8)-9$
1948418	P	$-1+(-2+3^4(-4-5))^*(6^7(7+8)+9)$	2082786	G	$-1-2+3^4(4^5*6^7-8-9)$
1948896	G	$(1-2+3^4*5)^6*7^8*9$	2087505	G	$(-1*2^3*4+5^6)^*(7+8)^*9$
1951819	G	$-1-((-2^3)^4-5^4(-6-(-7-8)))+9$	2089855	G	$-1+2^3(3+4)^*(5^6+7^*8-9)$
1951837	G	$-1-((-2^3)^4-5^4(-6-(-7-8)))+9$	2097175	G	$-1+2^3(-3^4(4-5-6))+7+8+9$
1952315	G	$(-1*2^3*4)^5+(6+7-8)^9$	2097233	G	$-1+2^3(-3^4(4-(5+6)))-(7-8-9)$
1952971	G	$-1-2^3*4+5^4(-6+7+8)+9$	2097655	G	$-1+2^3(-3^4(4-5-6))+7^*8^*9$
1953525	G	$(1-2+3^4)^5+(6+7-8)^9$	2099542	G	$-1+23+45*6^4(7+8-9)$
1953737	G	$-1+(2+3^4*5^6*7^8)^*9$	2099608	G	$-1+2^3/4*5^6*7+8-9$
1953738	G	$(1*2+3^4*5^6*7^8)^*9$	2104782	G	$-1-2-(34-5^6)^*(7+8)^*9$
1953759	G	$1*(2+3)^4+5^4(-6+7+8)+9$	2104784	G	$1-2-(34-5^6)^*(7+8)^*9$
1953930	G	$(-1+2^3*4)^5+(6+7-8)^9$	2108888	G	$-1+(2^3+(-4+5^6)^*(7+8))^*9$
1954429	G	$-1+((-2^3)^4+5^4(-6-(-7-8)))+9$	2109352	G	$1-2^3*4+5^6*7(7+8)^*9$
1955616	G	$(-1+(2+3)^4)^*(5^4(6+7-8)+9)$	2109372	G	$-1-2-3^4/5^4-6^*(7+8)/9$
1958472	P	$-((1*2^3(3^4-5^6))^7+8)^*9$	2109400	G	$1+2^3*4+5^6*7(7+8)^*9$
1958616	G	$((1*2^3(3^4-5^6))^7+8)^*9$	2109428	G	$-1-(2-3/(4-(5-6)))^7-8)^*9$
1958661	G	$1+(23^4-5^6)^7-8-9$	2109467	G	$1*23^4+5^6*7(7+8)^*9$
1958912	G	$1+(23^4-5+6)^7+8+9$	2109507	G	$-1-(2+(3-4-5^6)^*(7+8)^*9)$
1958926	G	$-1-(2-(3^4-5)^*(6^7-8-9))$	2109860	G	$-1-(2^3+(-4-5^6)^*(7+8))^*9$
1958956	P	$-(1-23^4-(5+6))^7+8-9$	2109893	G	$1-23+(4+5^6)^*(7+8)^*9$
1958961	G	$-1-(2-(3+4)^*(5+6^7-8-9))$	2110121	G	$-1+(23+(4+5^6)^*(7+8))^*9$
1958974	P	$-(1+23^4-(5+6))^7+8+9$	2113982	G	$-1+(2+(34+5^6)^*(7+8))^*9$
1959082	G	$1-2+(3+4)^*(5+6^7-8^*9)$	2126033	G	$-1+2^3(3^4(4+5)^6+7+8)^*9$
1959191	G	$1+(23^4+56)^7-8-9$	2128189	G	$-1+2^3(-3-4/5)^*(6^7-8-9)$
1959656	G	$-1-(2-(3+4)^*(5+6^7))+8^*9$	2131245	G	$(-1*2^3*4-5^6)^*(7-8)^*9$
1959668	G	$-1-(2-(3^4-5)^*(6^7+8+9))$	2145072	G	$(-1*2^3(3^4-5^6))^*(78-9)$
1960053	G	$-1-2+(3^4-5)^*(6^7+8^*9)$	2146754	G	$-1-(23^4-5^6)^*(7/8-9)$
1960090	G	$1-2+(3+4)^*(5+6^7+8^*9)$	2156489	G	$-1-2+((3^4-4)^5+6)^7-8/9$
1960207	P	$-1-2+(-3-4)^*(5-(-6^7-8-9))$	2167428	G	$(1*2^3(3^4+5^6))^*(78-9)$
1961694	G	$(1*(2+3^4)^*(5^6-7^*8))^*9$	2169179	G	$1-2-3^4(4^5+6)^7-8^*9$
1962992	P	$1+(-(-2-3^4-4)+5)^6*7-8(8+9)$	2169183	G	$1+2-3^4(4^5+6)^7-8^*9$
1963647	G	$1-2^3(3^4(4^5-6)-7^8+9)$	2173942	G	$-1-(2^3*4^5-6^7)^8-9$
1966860	G	$(1*(2+3^4)^*(5^6-7+8))^*9$	2187411	G	$(1*(-2-3)^4*5^6)^7-8-9$
1967346	G	$(1*2^3((3+4)^5*6-78))^*9$	2187428	G	$(1*(-2-3)^4*5^6)^7-8^*9$
1969758	G	$(1*2^3((3+4)/5^4-6+7^8))^*9$	2187483	G	$((1*(2+3)^4*5^6)^7-8)-9$
1970154	G	$(1*2^3((-3-4)^5*6+7^8))^*9$	2187517	G	$(1*(-2-3)^4*5^6)^7+8+9$
1970640	G	$(1*2^3(3+4)^*(5^6+7+8))^*9$	2187572	G	$(-1*(-2-3)^4*5^6)^7+8^*9$
1975806	G	$(1*(2+3^4)^*(5^6+7^*8))^*9$	2187589	G	$(-1*(-2-3)^4*5^6)^7+8-9$
1978578	G	$(1*2^3(3+4)^*(5^6+7^*8))^*9$	2187976	G	$(1-2^3(3+4+5)^6-6+7)^8-9$
1978884	P	$-((1*2^3(3^4+5^6))^7+8)^*9$	2198013	G	$-1-2+(3^4)^5*(6^7(7-8)+9)$
1979028	G	$((1*2^3(3^4+5^6))^7+8)^*9$	2201714	G	$-1-2+(3+4)^5*(6^7+8+9)$
1990540	G	$-1-2+((3^4)^5-6-(6+7))^8-9$	2201954	G	$-1-2+(3^4)^5+(6+7-8)^9$
1990605	G	$-1-2-((3^4)^5-6)^*(7+8-9)$	2208381	P	$-1-2+(3^4)^5*(-(6+7)/8+9)$
1990627	P	$-(-1+23)^4+5^6(6-7-8)^9$	2230136	G	$-1-(23^4*5-6^7)^8+9$
1990686	P	$((1+23)^4+5)^6/(7-8)^9$	2231216	G	$-1-(23^4*5-6^7)^8+9$
1990748	G	$-1-2+((3^4)^5+6+7)^8-9$	2231260	G	$-1-(2+(3+4)^5-6^7)^8)-9$
1998959	G	$-1+2^3(3+4)^*(5^6+7/8-9)$	2233383	G	$-1-2+((3^4)^5-678)^*9$
1999086	G	$-1-(2^3(3+4)^*(5^6+7)+8+9)$	2233976	G	$-1-(2^3*345-6^7)^8+9$

2236249	G	$(1-2-3^4*5+6^7)*8+9$	2415282	G	$(1+2+3^4*5*67)*89$
2236255	G	$(1*2-3^4*5+6^7)*8-9$	2417526	G	$(1*2*3^4)*5*(5^6-78*9)$
2236273	G	$(1*2-3^4*5+6^7)*8+9$	2420205	G	$-1-2+(3+4)^5*6*(7+8+9)$
2237328	G	$(1*2*(3^4-5^6+7))^*-8*9$	2424855	G	$(-1*2*(3^4-5^6))^*78-9$
2237689	G	$(-1+(-2-3)*45+6^7)*8+9$	2424873	G	$(-1*2*(3^4-5^6))^*78+9$
2237832	P	$(-1*2*(3^4-5^6+7))^*-8*9$	2428539	G	$-1-2+(3/4^5+6)*789$
2238049	G	$(-1+(-2-34)*5+6^7)*8+9$	2430324	G	$(1*2*3^4)*5*(5^6-7*89)$
2238134	G	$-1+(2-34*5+6^7)*8-9$	2435645	P	$-1+2*(-(3^4-5^6)*78+9)$
2238177	G	$((-1-2^3*4)*5+6^7)*8+9$	2440684	G	$(1+2*3^4(4+5))*(6+7*8)-9$
2238187	G	$-1-((2*3)^4-5-6^7*8)-9$	2449448	G	$-1-(2+3*4)*5/(-6^7-7*8)+9$
2238263	G	$(1*2*(3^4+5)+6^7)*8-9$	2449602	G	$(1*2/3^4-4)*5*(5^6-7*8*9)$
2238344	G	$1+(23^4-5-6^7)*8-9$	2450127	G	$(1*2*(3^4+5^6))^*78-9$
2238414	P	$-(1+(2^3(3+4)+5-6^7)*8)-9$	2450145	G	$(1*2*(3^4+5^6))^*78+9$
2238452	G	$(1-2)*(3+4^5-6^7*8)-9$	2455952	G	$(-1*2*(3^4-5^6))^*(7+8*9)$
2238507	G	$(1-23)*45+6^7*8+9$	2470410	G	$-1-(2+3*((4-(5+6))^7+8*9))$
2238592	G	$-1+(23^4-5-6^7)*8+9$	2470659	G	$-1-2-3*((4-(5+6))^7-8)+9$
2238669	G	$(-1+(2^3+4)^5-6*(7+8))^*9$	2470842	G	$-1-(2+3*((4-(5+6))^7-8*9))$
2238864	G	$1+(23^4+5+6+7)*8-9$	2471292	G	$(-1*2+3^4*5*678)*9$
2238888	G	$1-2-(3^4-5-6^7)*8+9$	2471311	G	$-1+2+3^4*5*678*9$
2239064	G	$(-1*2-3^4)*5+6^7*8-9$	2471328	G	$(1*2+3^4*5*678)*9$
2240500	G	$(1-2)*(3-(4^5+6^7*8)+9)$	2475708	G	$-1+(23-4)^5-6*(7*8+9)$
2240695	G	$(-1*2*(3^4+5)+6^7)*8-9$	2476380	G	$-1+(23-4)^5-6*(7*8+9)$
2240713	G	$(-1*2*(3^4+5)+6^7)*8+9$	2481548	G	$(1*2*(3^4+5^6))^*(7+8*9)$
2240752	P	$-1-(2*3)^4+(-5+6^7)*8+9$	2482176	G	$(1*2*(3^4-4+5))/6^7-8*9$
2240779	G	$-1+((2*3)^4+5+6^7*8-9)$	2483514	G	$1*(2+3^4*5)*678*9$
2241433	P	$(-1-(2-(3-4))^5-6^7)*8+9$	2488359	G	$-1+(2-(3*4)^5-6)*(7-(8+9))$
2242729	G	$(1-2+3^4*5+6^7)*8+9$	2488377	P	$-1-2-((3^4-4)^5-6)^*(7-8-9)$
2242753	G	$(1*2+3^4*5+6^7)*8+9$	2498390	G	$-1-((2345-6^7)-8)*9$
2243552	G	$-1+2^3(3^4)+(-5+6^7)*8+9$	2498871	G	$(1*(-2-3)*4*(-5^6+7))^*8-9$
2243632	G	$-1+2^3(3^4)-(-5-6^7)*8+9$	2498889	G	$(1*(-2-3)*4*(-5^6+7))^*8+9$
2245937	G	$((-1+2*3^4)*5+6^7)*8+9$	2499729	G	$(1*(2+3)*4*(5^6-7))^*8+9$
2247644	G	$-1-(2+(3-4^5-6^7)*8)-9$	2500271	G	$(-1*(-2-3)*4*(5^6+7))^*8-9$
2248389	G	$(1+2*(-34-(-5^6+7)*8))^*9$	2501111	G	$(-1*(-2-3)*4*(5^6+7))^*8-9$
2249575	G	$1+2*(3+(-4-5^6+7)*8-9)$	2501129	P	$(1*(-2-3)*4*(-5^6+7))^*8+9$
2251611	P	$(-1+2*(-34-(5^6+7)*8))^*9$	2509380	G	$(1*2/3^4-4)*5*(5^6-(7+8)*9)$
2260656	G	$(1*2*(3^4-(5^6+7)))^*8*9$	2511972	G	$(1*2/3^4-4)*5*(5^6-7*(8+9))$
2261160	G	$(1*2*(3^4+5^6)-7)*8*9$	2512062	G	$((-1*2*3^4)*5+6^7-8)*9$
2262168	G	$(1*2*(3^4+5^6)+7)*8*9$	2512206	P	$(-((1*2*3^4)*5-6^7)+8)*9$
2262672	G	$(1*2*(3^4+5^6+7))^*8*9$	2513817	G	$(-1-((2+3)^4+5)+6^7+8)*9$
2270589	G	$-1-2+(3^4)^5*((-6+7)/8+9)$	2514975	P	$-((1+23*(4-5^6))^7+8)+9$
2278124	G	$1-2+3^4*5^6(6+7-8)*9$	2515481	G	$-1+(23^4-5*67-8)*9$
2278128	G	$1+2+3^4*5^6(6+7-8)*9$	2515533	G	$1*23*(4-5^6*7)/(8-9)$
2280957	G	$-1-2+(3^4)^5*(6^7(7-8)+9)$	2515698	G	$(1*2*3^4)*5*(5^6-(7+89))$
2286000	G	$-1-(2-3^4*56*7)*8*9$	2515717	G	$-1*23*(4+5^6*7)/(8-9)$
2286127	G	$1-(2-3^4*56*7*8)*9$	2516179	G	$-1-(23*(-4-5^6)*7+89)$
2286161	G	$-1+(2+3^4*56*7*8)*9$	2518316	G	$1*23*((4+5^6)*7+89)$
2286162	G	$1*(2+3^4*56*7*8)*9$	2518350	G	$-1+23-4^5+(6^7-8)*9$
2286288	G	$1*(2+3^4*56*7)*8*9$	2518798	G	$-1+23+(4+5)*6^7-8*9$
2291336	G	$-1-((2*3)^4*5-6^7)*8+9$	2520094	G	$-1+23+(4+5)*6^7+8*9$
2313440	G	$-1+(2*3-45)^4(-6-7+8+9)$	2520179	G	$-1-(-2-3-4)*(-5+6^7+89)$
2342178	G	$(-1-(2+3^4(4+5)-6^7)-8)*9$	2520269	G	$-1-(-2-3-4)*5(6^7+89)$
2342988	G	$-1-2+(3^4(4+5)+6)*7*(8+9)$	2520765	G	$(1*2*3^4-5+6^7-8)*9$
2343671	G	$-1+2*-3*(4-5^6((-6+7)*8)+9)$	2526642	G	$((1*2*3^4)*5+6^7-8)*9$
2343707	G	$-1+2*(3*(-4+5*(6-7))^8)-9$	2526786	G	$((1*2*3^4)*5+6^7+8)*9$
2343743	G	$-1+2*(-3*(4-5^6((-6+7)*8))+9)$	2527362	G	$(1*2/3^4-4)*5*(5^6-(7+8+9))$
2369786	G	$1-2+(3+4)^5*(6+(7+8)*9)$	2528829	G	$(1*2/3^4-4)*5*(5^6-(7+8))+9$
2376055	G	$(1*(23-4)*5^6+7)*8-9$	2529630	G	$(1*2/3^4-4)*5*(5^6+7-(8+9))$
2376073	G	$(1*(23-4)*5^6+7)*8+9$	2529672	G	$1*2*(3^4*5^6-789)$
2376477	G	$-1+2*(-3-4^5)*(-6-7)*89$	2529954	G	$(1*2/3^4-4)*5*(5^6-(7-(8-9)))$
2378647	G	$1+(23^4-5^6+78)*9$	2530044	G	$(-1*2/3^4-4)*(-5^6+7)-8*9$
2379421	G	$-1-2*((3/4-5)/6^7-7+(8+9))$	2530099	G	$(-1*2/3^4-4)*(-5^6+7)-(8+9)$
2390506	G	$(1*((2+3)+4)/5^6-6-7)*(8+9)$	2530133	G	$(-1*2/3^4-4)*(-5^6+7)+8+9$
2390744	G	$(1*((2+3)+4)*5^6+7)*(8+9)$	2530188	G	$(-1*2/3^4-4)*(-5^6+7)+8*9$
2396940	G	$-1-(2-(3^4(4+5)+6^7)*8)-9$	2530205	G	$(-1*2*3^4)*(-5^6+7)+89$
2403432	G	$(1*2*3^4)*5*(5^6-789)$	2530243	G	$1+2*(3^4/5^6-6-7*8*9)$
2406241	G	$(1*(2+3/4)*5^6)*7*8-9$	2530278	G	$(1*2/3^4-4)*5*(5^6-(7+8-9))$
2406259	G	$(1*(2+3/4)*5^6)*7*8+9$	2530462	G	$1+2*3^4*5^6-789$
2414926	G	$(1-2+3^4*5*67)*89$	2530981	G	$1+2*(3^4*5^6+(-7-8)*9)$
2415012	G	$-1-2+3^4*5*67*89$	2531058	G	$1*2*(3^4*5^6-7-89)$
2415016	G	$-1+2+3^4*5*67*89$	2531076	G	$1*2*(3^4*5^6-78-9)$

2531079	G	$(-1*2/-3^4-4)*(5^6+7-8)-9$	2662299	G	$(1*(23-4)*(5^6-7*8))^*9$
2531085	G	$-1*2*(3^4*5^6+78)-9$	2669310	G	$(1*(23-4)*(5^6-(7+8)))^*9$
2531093	G	$1-2*(3^4*5^6+7+8)*9$	2671173	G	$(1*(23-4)*5^6-78)^*9$
2531097	G	$(1*2/3^4-4)*(5^6+7-8)+9$	2671371	G	$(1*(23-4)*5^6-7*8)^*9$
2531112	G	$1*2*(3^4*5^6-78+9)$	2671704	G	$(1*(23-4)*(5^6+7-8))^*9$
2531121	G	$1+2*(3^4*5^6+7-8)*9$	2671740	G	$(1*(23-4)*5^6-7-8)^*9$
2531132	G	$1+2*3^4*5^6-7*(8+9)$	2672010	G	$(1*(23-4)*5^6+(7+8))^*9$
2531153	G	$-1+(2/3^4-4*5^6-7)-8*9$	2672046	G	$(1*(23-4)*(5^6-(7-8)))^*9$
2531157	G	$1+2*(3^4*5^6-7*8+9)$	2672379	G	$(1*(23-4)*5^6+7*8)^*9$
2531162	G	$-1+(2/3^4-4*5^6-78)-9$	2672577	G	$(1*(23-4)/5^6+78)^*9$
2531165	G	$1+2*(3^4*5^6-7)+8*9$	2672582	G	$-1+2*3^4*(5+6-7)-8*9$
2531180	G	$-1+(2/3^4-4*5^6-78)+9$	2673144	G	$(1*(23-4)*(5^6+7)+8)^*9$
2531182	G	$1+2*3^4*5^6-78+9$	2674440	G	$(1*(23-4)*(5^6+7+8))^*9$
2531225	G	$-1-(2*3^4*5^6+7+8)-9$	2681451	G	$(1*(23-4)*(5^6+7*8))^*9$
2531331	G	$-1+(2/3^4-4*5^6-7)+8*9$	2685213	G	$(1*(-23+4)*(-5^6-78))^*9$
2531368	G	$-1-(2*3^4*5^6-7*(8+9))$	2704656	G	$(-1*2*(3^4-5^6)*(7+8))^*9$
2531381	G	$1+2*(3^4*5^6+7*8+9)$	2732844	G	$(1*2*(3^4+5^6))^*(78+9)$
2531388	G	$1*2*(3^4*5^6+78-9)$	2749543	G	$-1*2+3^4*5^6*789$
2531403	G	$(1*2/3^4-4)*(5^6-(7-8))-9$	2749544	G	$1-2+3^4*5^6*789$
2531409	G	$1+2*(3^4*5^6+7+8)*9$	2760705	G	$1+2^4(3^4)*5^6(78-9)$
2531421	G	$(1*2/3^4-4)*(5^6-(7-8))+9$	2765586	G	$(-1*2*(3^4-5^6+7))^*8*9$
2531424	G	$1*2*(3^4*5^6+78+9)$	2766209	G	$(-1*(2*(3^4-5^6)+7))^*8*9$
2531442	G	$1*2*(3^4*5^6+7+8)*9$	2767455	G	$(-1*2*(3^4-5^6+7))^*8*9$
2531753	G	$-1-2*3^4/5^6-7*-8*9$	2775300	G	$-1-(2-3^4(4+5)*(6+(7+8)*9))$
2531951	G	$-1+2*3^4*5^6+78*9$	2780072	G	$1*2*(34+(5^6-7)*8*9)$
2532222	G	$(1*2/3^4-4)*(5^6+7+8-9)$	2782564	G	$1*2*(34+(5^6+7)*8*9)$
2532259	G	$1+2*(3^4/5^6-6-7*-8)*9$	2792359	G	$(1*2*(-3^4-4+5))/6^6-7-8*9$
2532295	G	$(1*2*3^4)*(5^6+7)-8*9$	2792376	G	$(1*2*(-3^4-4+5))/6^6-7-8*9$
2532312	G	$(1*2/3^4-4)*(5^6+7)-8*9$	2792431	G	$(-1*2*(3^4-4+5))/6^6-7-8-9$
2532367	G	$((1*2*3^4)*(5^6+7)-8)-9$	2792465	G	$(-1*2*(3^4-4+5))^*6^6+7+8*9$
2532383	G	$(1*2/3^4-4)*(5^6+7)+8-9$	2792520	G	$(1*2*(-3^4-4+5))/6^6-7+8*9$
2532401	G	$(1*2/3^4-4)*(5^6+7)+8+9$	2792537	G	$(1*2*(-3^4-4+5))/6^6-7+8*9$
2532456	G	$(1*2/3^4-4)*(5^6+7)+8*9$	2794422	G	$(1*2*((3^4+5^6)-7))^*8*9$
2532473	G	$(1*2*3^4)*(5^6+7)+8*9$	2795045	G	$(1*2*(3^4+5^6)-7)^*8*9$
2532708	G	$(-1*2/3^4-4)*(5^6/(7-8)-9)$	2796180	P	$-1-(2/3*(-4^4-(5-6)+7)+8+9)$
2532828	G	$1*2*(3^4*5^6+78*9)$	2796291	G	$(1*2*(3^4+5^6)+7)^*8*9$
2532870	G	$(1*2/3^4-4)*(5^6-(7-(8+9)))$	2796914	G	$(1*2*(3^4+5^6+7))^*8*9$
2533671	G	$(1*2/3^4-4)*(5^6+7+8)-9$	2799597	G	$-1+2*(34+5*(6^6+7+8+9))$
2535138	G	$(1*2/3^4-4)*(5^6+7+8+9)$	2802420	G	$(1*(-2-3)*4*(5^6+7*-8))^*-9$
2538864	G	$(1*2/3^4-4)*(5^6+7*8-9)$	2806183	G	$(1*2*(3^4-4+5))/6^6-7-8*9$
2540313	G	$(1*2/3^4-4)*(5^6+7*8)-9$	2806200	G	$(1*2*(3^4-4+5))/6^6-7-8*9$
2540331	G	$(1*2/3^4-4)*(5^6+7*8)+9$	2806255	G	$(1*2*(3^4-4+5))^*6^6-7-8*9$
2541780	G	$(1*2/3^4-4)*(5^6+7*8+9)$	2806289	G	$(1*2*(3^4-4+5))^*6^6+7+8*9$
2542428	G	$(1*2*3^4)*(5^6+78-9)$	2806344	G	$(1*2*(3^4-4+5))/6^6-7+8*9$
2543877	G	$(1*2*3^4)*(5^6+78)-9$	2806361	G	$(1*2*(3^4-4+5))/6^6-7+8*9$
2543895	G	$(1*2*3^4)*(5^6+78)+9$	2808990	G	$(1*(2+3)*(4*5^6-78))^*9$
2544048	G	$(1*2/3^4-4)*(5^6+7+8)*9$	2809800	G	$(-1*(-2-3)*4*(5^6-(7+8)))^*9$
2544072	G	$(1+23)*4^5+(6^6+7*8)*9$	2809980	G	$(1*(2+3)*4*(5^6-7*8))^*9$
2549216	G	$(1*2*(3^4-5^6))^*(7-8*9)$	2810880	G	$(1*(-2-3)*4*(-5^6+7+8))^*9$
2553120	G	$(1*2/3^4-4)*(5^6+(7+8)*9)$	2811168	P	$-(-1*(-2-3)*4*(-5^6+7+8))^*9$
2563149	G	$-1-2*(3+(4+5^6))*(7-8*9)$	2811312	G	$(1*(-2-3)*4*(-5^6+7+8))^*9$
2575784	G	$(-1*2*(3^4+5^6))^*(7-8*9)$	2811600	G	$(1*(-2-3)*(-4*(-5^6+7+8)))^*-9$
2578422	G	$(1-2+34)*(5^6(6-7+8)+9)$	2811798	G	$(1*(2+3)*4*5^6-78)^*9$
2586695	G	$-1+(2^4(3^4)+56)*7*8*9$	2811996	G	$(1*(2+3)*4*5^6-7*8)^*9$
2612898	G	$(1*2/3^4-4)*(5^6+7*8*9)$	2812113	G	$(1*(2+3)*4(5^6-6-7)-8)^*9$
2620946	P	$-1-2*(-(3+4)^5+6)*78-9$	2812522	G	$-1+23+4*5^6(6-7+8)^*9$
2621432	G	$(1-(-2-3)*4^4(5+6)+7)/8-9$	2812887	G	$(-1*(-2-3)*4(5^6-6+7)+8)^*9$
2624316	G	$-1-2-3*(4-5^6)*7*8-9$	2813004	G	$(1*(2+3)*4*5^6+7*8)^*9$
2624318	G	$1-2-3*(4-5^6)*7*8-9$	2813202	G	$(1*(-2-3)*4*5^6+78)^*9$
2625660	G	$-1-2-3*(-4-5^6)*7*8-9$	2813400	G	$(1*(2+3)*4*(5^6+7-8))^*9$
2625662	G	$1-2-3*(-4-5^6)*7*8-9$	2813688	G	$(1*(2+3)*4*(5^6+7-8))^*9$
2632176	G	$(1*2*3^4)*(5^6+7*8*9)$	2813832	G	$(-1*(-2-3)*4*(5^6+7+8))^*9$
2637432	G	$-1+2*3^4(4+5)*6*7-8*9$	2813953	G	$1+2^4(3+4+5)*(6*7+8+9)$
2644974	G	$(1*2*3^4)*(5^6+78*9)$	2814120	G	$(1*(-2-3)*4*(5^6+7+8))^*-9$
2655060	G	$(-1*(2*3+4)*(-5^6+7))^*(8+9)$	2815020	G	$(1*(2+3)*4*(5^6+7*8))^*9$
2655943	G	$1-2+34*(5^6(6-(7-8))-9)$	2815200	G	$(-1*(-2-3)*4*(5^6+7+8))^*9$
2657136	G	$(1*(2+3)/(4+5)^6-(7-8)-9)$	2816010	G	$(-1*(-2-3)*4*(5^6+78))^*9$
2657287	G	$1*(2+3)*(4+5)^6-(7-8*9)$	2822580	G	$(1*(-2-3)*4*(5^6-7*8))^*-9$
2658012	G	$-1-(2-(3^4(4+5)+6)*(7+8)*9)$	2825305	G	$(1-2+3^4*5^6)*7*8*9$
2658537	G	$(1*(23-4)*(5^6-78))^*9$	2825751	G	$1-(2-3^4*5^6)*7*8*9$

2825927	G	$1-2+3^4*56^7*89$	3150738	G	$(1*2*(3^4+5/(6^4-7^8)))^9$
2825929	G	$-1+2+3^4*56^7*89$	3157056	G	$(1*2*(3^4-4+5))/(6^4-7^8)^9$
2826540	G	$(-1*(-2-3)*4*(5^6+78))^9$	3184254	G	$(1*2-3^4*56^7*8)^9$
2843749	G	$(-1+234*5^6*7-8)/9$	3184273	G	$-1+2+3^4*56^7*8^9$
2873795	G	$1*23*(4+(5^6-7)*8)-9$	3184290	G	$1*(2+3^4*56^7*8)^9$
2873813	G	$1*23*(4+(5^6-7)*8)+9$	3186021	G	$-1-((-2-3)*4^5+6)^7*89$
2874654	P	$-1+23*(-(-4-5^6+7)*8+9)$	3188764	G	$-1+(2*3*(4+5)^6-7*(-8-9))$
2875000	G	$(1*2/3^4*5^6)^*(78-9)$	3188893	G	$-1-(2-3*4*(5^6+7))^*(8+9)$
2876371	G	$1*23*(4+(5^6+7)*8)-9$	3200499	G	$((1+((2+3)^4)^5)-6+7*8^9)$
2876389	G	$1*23*(4+(5^6+7)*8)+9$	3208075	G	$1+(2^4(3^4)-5^6)^*789$
2892671	G	$-1+(2+3^4*5)/6^4(-7-(8-9))$	3208539	G	$(1+(2+3)*(4^5+6)^7)^*89$
2899260	G	$(-1+2^4(3+(4+5)))^*(6+78^9)$	3219229	G	$-1+2*((3/4+5)/6^4-7-(8+9))$
2929675	G	$1+2*3/4*(5^4(-6-(-7-8))-9)$	3233541	G	$-1-2*3^4*5^6+7^8-9$
2937638	G	$-1-2+(3+4/5^4-6)^*(7^8-9)$	3233544	G	$-1-(2+3*(4-5^6))^*(78-9)$
2948760	G	$(1*(-2-3)*(-4^5(56/7)+8))^9$	3234891	G	$1+2+(3^4)^5*(6+7)+8^9$
2949048	G	$(-1*(-2-3)/4^5(56/7-8))^9$	3276285	G	$-1-2+(3^4)^5/6^4*(7+8^9)$
2949192	G	$(-1*(-2-3)*4^5(56/7)+8)^9$	3281251	G	$1+(2/3+4)^*(5^4(6-(7-8))^9)$
2949480	G	$(-1*(-2-3)*(4^5(56/7)+8))^9$	3281518	G	$-1-(2*3^4*5^6-7)^*89$
2952582	P	$-1-2-3*(-(-4+5^6)^7+8)^9$	3313632	G	$(-1*2*3^4-4)^*(5^6+7-8^9)$
2953036	G	$(1*(23+4)/5^4-6)^7-89$	3358084	G	$1+23^4*(5+6-(7-8))-9$
2953108	G	$(1*(23+4)*5^6)^7-8+9$	3358365	G	$-1-2+(3+(4+5))^*(6^7-8^9)$
2953124	G	$(1*(23+4)*5^6)^7+8-9$	3358421	G	$-1-2*(3^4*5-6^4(7-8+9))$
2953142	G	$(1*(23+4)*5^6)^7+8+9$	3358953	G	$-1-2-3*(4*(5-6^7)+8^9)$
2953214	G	$(1*(23+4)/5^4-6)^7+89$	3358961	G	$-1-2*(3^4*5-6^4(7-(8-9)))$
2954094	G	$-1-(2-3*((-4-5^6)^*-7+8))^9$	3359707	G	$-1*23^4*5+6^7*(8+9)$
2984448	G	$(-1*2*(3^4-5^6))^*(7+89)$	3359921	G	$-1+2*(345+6^4(7-(8-9)))$
2986175	P	$-1+2*(-((3*-4)^5*6-7)+89)$	3360043	G	$1+2*(3^4*5+6^4(7-8+9))$
2998647	G	$(-1*2*3^4*(-5^6+7))^*8-9$	3360093	G	$-1-2+(3+(4+5))^*(6^7+8^9)$
2998665	G	$(1*2*3^4*(-5^6+7))^*8+9$	3360237	G	$-1-2-3*4*(5-(6^7+89))$
2999496	G	$(-1*2/3^4*5^6+7)^*8-9$	3362904	G	$(1*2*3^4*5^6-7^8)^9$
2999655	G	$(-1*2*3^4*(-4^5*6+7))^*8-9$	3370788	G	$(-1*2*3^4*(-4/5^4-6+78))^9$
2999664	G	$(-1*2*3^4*(-4^5*6+7))^*8+9$	3373056	G	$(-1*2*3^4*(4*(-5^6+7)+8))^9$
2999673	G	$(-1*2*3^4*(-4^5*6+7))^*8+9$	3373344	G	$(-1*2*(3^4*5^6-7+8))^9$
2999879	G	$(-1*2*(3^4*5^6+7))^*8-9$	3373382	G	$1*2-3*(4-(5^6-7)*8)^9$
2999897	G	$(-1*2*(3^4*5^6+7))^*8+9$	3373598	G	$1*2+3*(4+(5^6-7)*8)^9$
2999935	G	$(-1*(2*3^4-4*5^6+7))^*8-9$	3373629	G	$-1-2-(3*(4-5^6)+7)^*8^9$
2999953	G	$(-1*(2*3^4-4*5^6+7))^*8+9$	3373631	G	$1-2-(3*(4-5^6)+7)^*8^9$
3000047	G	$(1*2*3^4*5^6+7)^*8-9$	3374190	G	$(-1*2*3^4*(-4*5^6+7+8))^9$
3000065	G	$(1*2*3^4*5^6+7)^*8+9$	3374298	G	$(-1*2*3^4*5^6-78)^9$
3000103	G	$(1*2*(3^4*5^6+7))^*8-9$	3374478	G	$(-1*2*(3^4*(-4*5^6+7)+8))^9$
3000121	G	$(1*2*(3^4*5^6+7))^*8+9$	3374550	G	$(1*2*3^4*(4*5^6-7)-8)^9$
3000327	G	$(1*2*3^4*(4*5^6+7))^*8-9$	3374694	G	$(-1*2*3^4*(-4*5^6+7)+8)^9$
3000345	G	$(1*2*3^4*(4*5^6+7))^*8+9$	3374730	G	$(-1*2*(3^4*5^6-7+8))^9$
3000504	G	$(-1*2/3^4*4*5^6+7)^*8^9$	3374766	G	$(1*2*(3^4*(-4*5^6+7)+8))^9$
3001335	P	$(-1*2*3^4*5^6-7+8)^*8-9$	3374865	P	$(-1*2*3^4*5^6+7+8)^9$
3001353	G	$(1*2*3^4*5^6+7)^*8+9$	3374946	G	$(-1*2*3^4*(-4*5^6-(7-8)))^9$
3009294	G	$-1+(23/4+5)/6^4-7-8-9$	3374953	G	$(1*(23+4)*5^6-7)^*8+9$
3009310	G	$-1+(23/4+5)*6^4+7+8-9$	3375047	G	$(1*(23+4)*5^6+7)^*8-9$
3015552	G	$(1*2*(3^4+5^6))^*(7+89)$	3375054	G	$(-1*2*3^4*(-4*5^6+7-8))^9$
3070392	G	$(1-2+3^4(4+5))^*(67+89)$	3375065	G	$((1*(23+4)*5^6)+7)^*8+9$
3076097	G	$1+-2^4(3^4)^*(5+(-6-78))^9$	3375135	G	$(-1*2*3^4*5^6+7+8)^9$
3078133	G	$1+23^4*(5+6)-7*(8+9)$	3375270	G	$(1*2*(3^4*5^6+7+8))^9$
3078227	G	$1*23^4*(5+6)-7-8-9$	3375306	P	$(-1*2*3^4*(-4*5^6+7)+8)^9$
3078245	G	$1+23^4*(5+6)+7/(8-9)$	3375357	G	$-1-2+(3*(-4-5^6)+7)^*8^9$
3078371	P	$1+23^4*(5+6)-7*(8+9)$	3375359	G	$1-2+(3*(-4-5^6)+7)^*8^9$
3087501	G	$-1-2+(-3+4^5)*6^7*8^9$	3375450	G	$(1*2*3^4*(4*5^6+7)+8)^9$
3092364	G	$(1*(-2-3/4)*(-5^6+7))^*8^9$	3375522	P	$(-1*2*(3^4*(4*5^6+7)+8))^9$
3093246	G	$(1*(2+3/4)*5^6-7)^*8^9$	3375702	G	$(-1*2*3^4/5^4-6+78)^9$
3094254	G	$((1*(2+3/4)*5^6)+7)^*8^9$	3375810	G	$(-1*2*3^4*(-4*5^6-(7+8)))^9$
3095736	G	$(1-2/(-3-4^5*6))^*(7^8*9)$	3376406	G	$1*2-3*(4-(5^6+7)*8)^9$
3096408	G	$(1+2/(-3-4^5*6))^*(7^8*9)$	3376622	G	$1*2+3*(4+(5^6+7)*8)^9$
3096744	G	$(1+2/(-3+4^5*6))^*(7^8*9)$	3376656	G	$(1*2*(3^4*5^6+7)+8)^9$
3096789	G	$-1-2+(3+4^5*6)^7*8^9$	3376944	G	$(1*2*3^4*(4*(5^6+7)+8))^9$
3097416	G	$(1-2/(-3+4^5*6))^*(7^8*9)$	3379212	G	$(1*2*3^4*(4/5^4-6+78))^9$
3107604	G	$-1-(2+3)^*(4+5)^6+7^8+9$	3387096	G	$(1*2*3^4*(5^6+7+8))^9$
3124976	G	$-1*2*(3-4/5^4((6-7)^8)+9)$	3390616	G	$(-1*(2^4-3-4)*5^6)^7*8-9$
3125002	G	$-1-2*(3-4*(5/(6-7))^8)+9$	3390634	G	$(-1*(2^4-3-4)*5^6)^7*8+9$
3145698	G	$-1-2+3*(4^4((5+6+7)-8)-9)$	3391848	G	$(-1*2*3^4*4*(-5^6-78))^9$
3145702	G	$-1+2+3*(4^4((5+6+7)-8)-9)$	3411720	G	$1*2*3^4*5^6*78^9$
3147822	G	$(-1*2*(3^4-5/(6^4-7^8)))^9$	3483748	G	$-1+2*((3^4)^5+6)^7+8+9$

3483765	G	$-1+2*((3^4)^5+6)^7+8+9)$	3906201	P	$1-2*(34-5^4(-6-7)+8)-9)$
3499005	G	$-1-2-3^4^5^*-6^7*(8+9)$	3906219	P	$1-2*(3+4-5^4(-6-7)+8)+9)$
3499806	P	$-1-(-23+4^5^6^7)^*8+9)$	3906231	P	$1-2*(-(3-(4-5^4(-6-7)+8))))+9)$
3499951	P	$-(1^2+3-4^5^6^7)^*8-9$	3906271	P	$1+2*(-(3-(4+5^4(-6-7)+8))))+9)$
3499975	P	$-(1-2+3-4^5^6^7)^*8-9$	3906301	P	$1+2*(34+5^4(-6-7)+8)-9)$
3499983	G	$(1^2)^3^4^5^6^7-8-9$	3906337	P	$1+2*(34+5^4(-6-7)+8)+9)$
3499985	G	$1-(2^3-4^5^6)^*7^8-9$	3906395	G	$1+2*(3^4-(-5^4(-6-(-7-8))))+9)$
3500025	G	$(1-2+3-4^5-5^6^7)^*8+9$	3906431	G	$1+2*(3^4+5^4(-6-(-7-8)))+9)$
3500031	G	$(1^2+3-4^5-5^6^7)^*8-9$	3907439	G	$-1+2^3^4^5^6^7^8^9$
3500049	G	$(1^2+3-4^5-5^6^7)^*8+9$	3918700	G	$-1+23^4^5+6^7+8)^9$
3504018	P	$-1-(2^*(-3^4(-4-5)-6)+7)^*89$	3937411	G	$(1*(2+34)/5^4-6)^7-89$
3516920	P	$-(1-(2^3)^4)+(5*(6-7))^8^9$	3937419	P	$-((1+2)/3-4^5^6^7+8)^9$
3520000	P	$(-1+23)^*(4^5)^4-(-6-7+8)-9)$	3937422	P	$-((1^2)/3-4^5^6^7+8)^9$
3551233	G	$1+2^4(3^4)^*(5-6)^7-8+9)$	3937434	G	$((1^2)/3+4^5^6^7-8)^9$
3578902	G	$-1^2+3^4^5^6^7^89$	3937483	G	$(1*(2+34)^5^6)^7-(8+9)$
3578903	G	$1-2+3^4^5^6^7^89$	3937499	G	$(1*(2+34)^5^6)^7+8-9$
3602998	G	$1+2-3/4^5/6^*(7^8+9)$	3937517	G	$(1*(2+34)^5^6)^7+8+9$
3609366	G	$(1*(2^3-3+4)^5^6)^7^8-9$	3937527	G	$(-1^2-3-4^5^6^7+8)^9$
3609384	G	$(1*(2^3+3+4)^5^6)^7^8+9$	3937566	P	$-((1^2)/3-4^5^6^7-8)^9$
3615299	G	$-1-(2^3)^*(4^5+6)^7^8^9$	3937578	G	$((1^2)/3+4^5^6^7+8)^9$
3615309	P	$-(-1+(-2-3)^*(4^5+6)^7^8)^9$	3937589	G	$(1*(2+34)/5^4-6)^7+89$
3640615	G	$(-1+234)/5^4-6+7-(8+9)$	3984372	G	$-1-(2-3*(4-(5-6)))^7*(8+9))$
3640633	G	$(-1+234)/5^4-6+7-(8-9)$	3998199	G	$(-1^2^3^4*(5^6+7))^8-9$
3654594	G	$-1-(234^5(-5^6+7)+8)-9$	3998217	G	$(-1^2^3^4*(5^6+7))^8+9$
3654793	G	$-1+234^5(5^6-7^8/9)$	3999543	G	$(1^2^3^4*(5^6-7))^8-9$
3656368	G	$-1+234^5(5^6+7^8)^9$	3999561	G	$(1^2^3^4*(5^6-7))^8+9$
3657870	P	$-(1-234^5(5^6+7)+8)-9$	4000439	G	$(1^2^3^4*(5^6+7))^8-9$
3659337	G	$1-(2/3-4)^5-5+6^7^8-9$	4000457	G	$(1^2^3^4*(5^6+7))^8+9$
3691007	G	$-1+2^*(3^4)^5(-6+7)^*89$	4040777	G	$-1-((2^3)^4^5-6)^7^8^9$
3699472	G	$(-1^2*(3^4-5^6))^7*(8+9)$	4061663	G	$-1+(2^3)^4^5(5^6+7-8)+9)$
3702174	G	$-1-(2+3^*(4-5^6)^*(7+8^9))$	4062491	G	$(-1*(2/3-4)/5^4-6)^7^8-9$
3704903	G	$-1-(2^3*4^5^6-6^7-8)^9$	4062509	G	$(1*(2/3+4)/5^4-6)^7^8+9$
3706672	G	$(-1^2/3^4*(5^6+7))^*89$	4063349	G	$-1-(-2-3)^*(4^5+6)^7^89$
3707918	G	$(-1^2/3^4*(-4/5^4-6+7))^*89$	4085793	G	$-1-(23^4-5)^6+7^8+9$
3714344	G	$-1-(2-(3+4)^5*(6+7)^*(8+9))$	4087501	G	$-1^2+3^4^5^6^7^89$
3718677	G	$1-2+34^5^6^7-8^9$	4125000	G	$(1*(2+3/4)/5^4-6)^*(7+89)$
3718730	G	$(-1-2-34^5-5^6)^*7-(8-9)$	4125065	G	$((1-2+34)^5^6+7)^8+9$
3718819	G	$-1-2+34^5^6^7+8^9$	4139261	G	$1-2+3^4^5^6^7^8^9$
3728286	G	$-1+23+(4^5(5+6)-7)^*8/9$	4165649	G	$-1+2^*(3^4^5^6^7+8+9)$
3731520	G	$(-1^2)/3^*(4^5-5^*(6^7-8^9))$	4194145	G	$-1-23+4^5(5+6)-(7+8)^9$
3733440	G	$(-1^2)/3^*(4^5-5^*(6^7+8^9))$	4196880	G	$(1^2*(3^4-5^6))^*(7-8)^9$
3738028	G	$(1^2*(3^4+5^6))^*7*(8+9)$	4198073	G	$-1+(23^4+5^6)^*(7+8)+9$
3748320	G	$(1*(2/3+4)^*(5^6+7))^*-8^9$	4198833	G	$-1-2+3^*(4+5/6^4-7-8^9)$
3749496	P	$-(((1^2)/3-4)^5^6+7)^*8^9$	4198998	G	$1+2-3^*(4-5^6^7+8)-9$
3750504	G	$(-1*(2/3-4)^5^6+7)^*8^9$	4199196	G	$-1-2+3^*(4+5^*(6^7+8)+9)$
3764814	P	$-(1+(-2+3^4)^5+6)^7+89$	4199265	G	$-1-2+3^*(4+5/6^4-7+8^9)$
3777921	G	$(1*(23+4)^*(5^6-78))^9$	4199267	G	$1-2+3^*(4+5/6^4-7+8^9)$
3778730	G	$1-2-3^4^5(5-6^4(7+8-9))$	4200384	G	$-1-(2-3*(4-5^4(-6^7-89)))$
3778734	G	$1+2-3^4^5(5-6^4(7+8-9))$	4229002	P	$-1-2+((3^4-4)^5+6^7)^*(8+9)$
3779540	G	$1-2+3^4^5(5+6^4(7+8-9))$	4240620	G	$(1^2*(3^4+5^6))^*(7+8)^9$
3779544	G	$1+2+3^4^5(5+6^4(7+8-9))$	4248070	G	$-1+(-2-34^5(-5^6+7))^8-9$
3793230	G	$(1*(23+4)^*(5^6-7+8))^9$	4249954	G	$-1+(2+(34^5^6-7)^*8+9)$
3795102	G	$(1*(-23-4)^*(5^6+7-8))^9$	4251296	G	$-1-(23-(4+5)^6+7)^*8+9$
3795246	P	$-(-1*(-23-4)^*(5^6+7-8))^9$	4251758	G	$-1+(23+(4+5)^6+7)^*8-9$
3796740	G	$(1*(23+4)^5^6-7-8)^9$	4302064	P	$-(1+(-2+3^4)^5+6^7)^*8+9$
3797010	G	$(1*(23+4)^5^6+(7+8))^9$	4323453	G	$-1-2+(3^4)^5*(6^7+8+9)$
3798648	G	$(1*(23+4)^*(5^6+7)+8)^9$	4323549	G	$-1-2-3/4^5(56-7^8+9)$
3800520	G	$(1*(23+4)^*(5^6+7+8))^9$	4323588	G	$1+2-3/4^5(5^6-7^8-9)$
3801127	G	$-1+2^3^4(4^5-6)^7-8-9$	4325721	G	$-1-2+(-3-4^5)^6-7^8-9$
3810483	G	$(1*(23+4)^*(5^6+7^8))^9$	4357422	G	$(-1*(-2^3-3+4)^*(5^6+7))^*8^9$
3815829	G	$(1*(-23-4)^*(5^6-78))^9$	4358871	P	$(-1*(2^3-3+4)/5^4-6)^7^8+9$
3816495	G	$-1-2+(-3+4^5)^6*7^8^9$	4359879	G	$(-1*(-2^3-3+4)^*(5^6+7))^*8^9$
3825789	G	$-1-(2+(3-(4+5))^6*(7-89))$	4361328	G	$(1*(-2^3-3+4)^*(5^6+7))^*8^9$
3834539	G	$-1+2^3^4^5^6^7^89$	4365600	G	$1-23^4^5-6+7^8+9$
3838923	G	$-1-2+(-3-4^5)^6*7^8-89$	4453133	G	$-1+(-23+4)/(5^4-6/(-7-8))+9$
3844731	G	$-1-(2+3^*(4+5^6)^*(7-89))$	4456328	G	$-1+((2-3+(4+5))^6-7)^*(8+9)$
3872862	G	$-1-(2-3^4)^*(5+6^4(7+8-9))$	4456456	G	$-1+2^3^4^5(5+6-7)^8+9$
3905559	G	$-1-2^*(345-(6+7-8)^9)$	4467916	P	$-(1-(-2-3^4)^5^6-7^8)-9$
3906071	G	$1-2^*(3^4-5^4(-6-(-7-8))+9)$	4467917	G	$1*(-2-3^4)^5^6+7^8-9$
3906107	G	$1-2^*(3^4-5^4(-6-(-7-8))+9))$	4467935	G	$(-1^2-3^4)^5^6+7^8+9$

4477448	G	$1-23^4*(-56/7-8)-9$	4754820	G	$-1-(2^*(3^4)-5)-6^7*(-8-9)$
4477466	G	$1-23^4*(-56/7-8)+9$	4756328	P	$(-1*2^*(3^4+5)-6^7)*-(8+9)$
4477591	G	$(-1*2^*(3^4+5-6^7))*8-9$	4757610	G	$-1-(2*3)^4-(5-6^7*(8+9))$
4477609	G	$(-1*2^*(3^4+5-6^7))*8+9$	4758102	G	$(1*2*3^4)*5-6^7*(-8-9)$
4477751	G	$(-1*2^*(3^4-(5+6^7)))*8-9$	4758195	G	$-1-(2-(3-45+6^7))*(8+9)$
4477769	G	$(-1*2^*(3^4-(5+6^7)))*8+9$	4758314	G	$-1-(2+((3+4)*5-6^7))*(8+9)$
4478184	G	$-1+(23^4-5+6^7)*8+9$	4758566	G	$1-2-345+6^7*(8+9)$
4478241	G	$(-1*2)*(3+(45-6^7)*8)-9$	4758620	G	$-1-2-(3-4*5)*(6^7-(8+9))$
4478840	G	$1+2^*(3-4+5)*(6^7-8)-9$	4758682	G	$-1-(234-5-6^7*(8+9))$
4479155	G	$-1-(23^4-(5+6^7))*(8+9)$	4758799	G	$-1-23-4-(5-6^7)*(8+9)$
4480183	G	$(1*2^*(3^4-(5-6^7)))*8-9$	4759078	G	$(-1+2)*(3^4+(5+6^7))*(8+9)$
4480201	G	$(1*2^*(3^4-(5-6^7)))*8+9$	4759140	P	$-1-(234)-5+6^7*(8+9)$
4480343	G	$(1*2^*(3^4+5+6^7))*8-9$	4759228	G	$-1-23+(4*5+6^7)*(8+9)$
4480361	G	$(1*2^*(3^4+5+6^7))*8+9$	4759300	G	$-1-2+(3+4*5+6^7)*(8+9)$
4483542	P	$-((-1+2+3^4)*5^6-7^8)-9$	4759402	G	$-1-(2-(34-5+6^7))*(8+9)$
4483872	G	$(1*2^3*4*(5^6-7^8))*9$	4759572	G	$-1-(2-(34+5+6^7))*(8+9)$
4494384	G	$(1*2^3*4*(5^6-7^8))*9$	4759653	G	$-1-(23-(45+6^7))*(8+9)$
4495680	G	$(1*2^3*4*(5^6-(7+8)))*9$	4759668	G	$(-1-2)*3+(45+6^7)*(8+9)$
4495968	G	$(1*2^3*4*(5^6-7^8))*9$	4759722	G	$(1*2*3^4)*5+6^7*(8+9)$
4497962	G	$1-23+4*(5^6-7^8)*8+9$	4759725	G	$-1-(2-(3+(45+6^7)))*(8+9)$
4497986	G	$1-2+3+4*(5^6-7^8)*8+9$	4760202	G	$-1+(2*3)^4-(5-6^7*(8+9))$
4497990	G	$1+2+3+4*(5^6-7^8)*8+9$	4760203	G	$1*(2*3)^4-(5-6^7*(8+9))$
4499164	G	$-1-2-3^4*5^6+7^8-9$	4761204	G	$-1-2+(3*45+6^7)*(8+9)$
4499167	P	$(-1+2)*-(3^4*5^6-7^8+9)$	4761308	P	$(1-2*3)^4-4-5-6^7*(8+9)$
4499182	G	$-1-2-3^4*5^6+7^8+9$	4761496	G	$(-1*2^*(3^4+5)+6^7)*(8+9)$
4499185	P	$-((-1+2)/3^4-4*5^6-7^8)+9$	4761799	G	$-1-2+(34*5+6^7)*(8+9)$
4499709	G	$-1-2+(3+4/5^6-7^8)*8+9$	4763002	G	$-1+2^*(3^4)-5-6^7*(-8-9)$
4499997	G	$-1-2+3^4/(5^6-6/(7+8+9))$	4764774	G	$-1-(2-(345+6^7))*(8+9)$
4500003	G	$1+2+3^4/(5^6-6/(7+8+9))$	4772682	G	$((1*2*3^4)*5+6^7)*(8+9)$
4501994	G	$1-23+4*(5^6+7^8)*8+9$	4775716	G	$-1-2+((3+4)^5+6^7*(8+9))$
4502018	G	$1-2+3+4*(5^6+7^8)*8+9$	4776296	G	$-1-(23-(4^5+6^7))*(8+9)$
4502020	G	$-1+2+3-4*(5^6+7^8)*8+9$	4776302	G	$-1+(2-(3-4^5+6^7))*(8+9)$
4502022	G	$1*2^3*4*(5^6+7^8)*8+9$	4776368	G	$-1-(2-(3+(4^5+6^7)))*(8+9)$
4504320	G	$(1*2^3*4*(5^6+7^8))*9$	4780944	G	$(1-2)*-34*(5^6+7^8)*9$
4510077	G	$-1-(2+(3^4)^5-6^7*(8+9))$	4781114	G	$1-2+(34*5^6-7^8)*9$
4516128	G	$(1*2^3*4*(5^6+7^8))*9$	4781116	G	$-1+2+(34/5^6-7^8)*9$
4518323	G	$-1+2*(3^4(4+5)+6^7*8-9)$	4781384	G	$1-2+(34*5^6+7^8)*9$
4522464	G	$(1*2^3*4*(5^6+7^8))*9$	4781556	G	$(-1+2)*34*(5^6-7^8)*9$
4553171	G	$-1-((2*3)^4*5-6^7)*8+9$	4781951	G	$1-2+(34*5^6+7^8)*9$
4593678	P	$-((-1*(2/3+4)*5^6)*7+8)*9$	4783067	G	$1*2+3^4(4^5-6^7)+7+8+9$
4593822	G	$((1*(2/3+4)*5^6)*7+8)*9$	4783317	G	$-1-2+(34*(5^6+7^8)-8)*9$
4599906	G	$-1-2+3^4*5^6+7^8+9$	4783461	G	$-1-2+(34*(5^6+7^8)+8)*9$
4611803	G	$-1-(23-4/-5*(6-7^8)+9)$	4793894	G	$-1-(2-3^4*5)*6^7/8-9$
4611867	G	$-1+23-4/5*(6-7^8)+9$	4826807	G	$-1*2+(3^4-5+6^7)^8(7+8-9)$
4633340	G	$(-1*(2/-3+4)*(-5^6+7^8))*8+9$	4830029	G	$-1+2*3^4*5^6*7^8+9$
4638546	G	$(1*(2^4-3+4)*(-5^6+7^8))*8+9$	4858911	P	$-1-(2*3+4)^5+6^7*(8+9)$
4640121	G	$(1*(2^4-3+4)*5^6+7^8)*8+9$	4874618	G	$-1+(-2-3-4/-5^6-6^7)+8+9$
4641129	G	$(-1*(2^4-3+4)*5^6+7^8)*8+9$	4874993	G	$1-2+3+4*5^6*7^8-9$
4642704	G	$(1*(2^4-3+4)*5^6+7^8)*8+9$	4874996	G	$1*2+3+4*5^6*7^8-9$
4687389	G	$-1-2+3^4*(5^6((6+7)^8)-9)$	4890374	G	$-1+(2-3^4-4)*5^6-6*(7+8)^9$
4687470	G	$-1-2+3^4*(4*5^6((6+7)^8)-9)$	4923213	G	$(-1-2)*(3^4*5^6-6^7)*8+9$
4687605	G	$-1-2+3^4*((5/(6-7))^8+9)$	4925301	G	$-1-2+(-3+4^5)*6^7*8+9$
4689263	G	$(-1-2^*(3+(4+5))+6^7)*(8+9)$	4942619	G	$-1+2*3^4*5^6*7^8+9$
4701921	G	$-1-2*(3+(4+5)^6)+7^8+9$	4951124	G	$-1-(2-3^4-4)*5^6-6*(7+8)^9$
4701933	G	$-1+2*(3-(4+5)^6)+7^8+9$	5007741	G	$-1-(2-(3^4)^5-6^7*(8+9))$
4706685	G	$-1-(2+(3^4*4^5-6^7))*(8+9)$	5018111	G	$-1+(-2-3^4-4+5)*6^7(7-(8-9))$
4711463	G	$1-2-3*(4^5(5+6)-7^8+9)$	5031250	G	$(1*(2/3+4)*5^6)*7(8-9)$
4711497	G	$-1-2-3*(4^5(5+6)-7^8)+9$	5035773	G	$-1-(2+3*(4^5-6^7(7-8+9)))$
4718879	G	$-1+2*3*(4+(5+6-7)^8)*9$	5037372	G	$(-1*2*(3^4+5-6^7)+8)*9$
4719064	G	$(1-2345+6^7)*(8+9)$	5037408	P	$-1*2*(3^4-(5+6^7))+8)*9$
4735359	G	$-1-(23^4*5-6^7*(8+9))$	5037444	G	$(-1*2*((3^4+5-6^7)-8))*9$
4738432	P	$(-1*2^*(3^4))*5-6^7*(8+9)$	5038942	G	$-1+2*(3+(-4-5)*6^7)+8+9$
4739571	G	$-1-2+(3+4)^5*6*(7^8-9)$	5040252	G	$(1*2*((3^4+5+6^7)-8))*9$
4741486	G	$-1+(2-(3+4^5)+6^7)*(8+9)$	5040288	G	$(1*2*(3^4-(5+6^7))+8)*9$
4741552	G	$-1-(2-(3-4^5+6^7))*(8+9)$	5040324	G	$(1*2*(3^4+5+6^7)-8)*9$
4742102	G	$-1-2-((3+4)^5-6^7*(8+9))$	5041917	G	$-1-2+3*(4^5+6^7(7-8+9))$
4745142	G	$((-1*2*3^4)*5+6^7)*(8+9)$	5041921	G	$-1+2+3*(4^5+6^7(7-8+9))$
4752432	G	$1*(2*3)^4*5-6^7*(-8-9)$	5044356	G	$(1*(2+34)*5^6-7^8)*9$
4752767	G	$-1-(2*3/4^5-6^7*(8+9))$	5046756	G	$(1*(23-4)/5^6-6^7)*(8+9)$
4754810	G	$-1-2^*(3^4)-5-6^7*(-8-9)$	5046994	G	$((1*(23-4)/5^6-6^7)+7)*(8+9)$

5049136	G	$(1*(23-4)*(5^6+7))*(8+9)$	5565016	G	$1+23+4*(5^6+7)*89$
5057640	G	$(1*(2+34)*(5^6-(7+8)))*9$	5600476	G	$-1-23-4*5*(-6^7-89)$
5059583	G	$-1-(2-3^4-4-5)*6^7-(8-9)$	5600522	G	$-1+23-4*5*(-6^7-89)$
5060160	G	$(1*(-2-34)*(-5^6+7)-8)*9$	5622480	G	$(-1*(-2+3+4)*(-5^6+7)))*8*9$
5060304	P	$-(-1*(-2-34)*(-5^6+7)-8)*9$	5647814	G	$-1-(2+(3+4)^5)*6^7*-8-9$
5061996	G	$(1*(2+34)/5^6-6-7*8)*9$	5655416	G	$1-2-(3+4)*5^6+7^8-9$
5062365	G	$(1*(2+34)*5^6-7-8)*9$	5655434	G	$1-2-(3+4)*5^6+7^8+9$
5062635	G	$(1*((2+34)*5^6+(7+8)))*9$	5666436	G	$(-1*2^3*4)*(-5-6^7/8+9)$
5063004	G	$(1*(2+34)/5^6-6+7*8)*9$	5667885	G	$(-1*2^3*4)*(-5-6^7/8)-9$
5063202	G	$(1*(2+34)*5^6+78)*9$	5667903	G	$(-1*2^3*4)*(-5-6^7/8)+9$
5064840	G	$(1*(2+34)*(5^6+7)+8)*9$	5668056	G	$(1*2/3^4-4)*(5+6^7/8-9)$
5067360	G	$(1*(2+34)*(5^6+7+8))*9$	5669352	G	$(-1*2/3^4-4)*(-5-6^7/8-9)$
5080644	G	$(1*(2+34)*(5^6+7*8))*9$	5669505	G	$(1*2^3*4)*(-5+6^7/8)-9$
5087772	G	$(1*(-2-34)*(-5^6-78))*9$	5669523	G	$(1*2^3*4)*(-5+6^7/8)+9$
5093520	G	$-1-2+(3^4(4+5)+6^7)*(8+9)$	5670972	G	$(1*2^3*4)*(-5+6^7/8+9)$
5124976	G	$-1-23-4*5^6*(7-89)$	5687491	G	$(1*2)/3+4*(5^6*78-9)$
5124978	G	$1-23-4*5^6*(7-89)$	5687509	G	$((1*2)/3+4)*5^6*78+9$
5125001	G	$-1*2+3-4*5^6*(7-89)$	5692215	G	$-1-(2^3)^4*5^6+7^8-9$
5125004	G	$-1+2+3-4*5^6*(7-89)$	5692762	G	$(1-2^3)^4*5^6+7^8-9$
5125022	G	$-1+23-4*5^6*(7-89)$	5702332	G	$1+23-4*5^6+7^8+9$
5125024	G	$1+23-4*5^6*(7-89)$	5717944	G	$-1-(2-3*(4-5^6))+7^8+9$
5133519	G	$-1+2^3*(4^5+6)*7*89$	5719754	G	$(1*2^3)^4*(-5-6)+7^8+9$
5164804	P	$-((1-(2-3^4)^5)*6-7^8)+9$	5725396	P	$-(((1+2^3)^4+5)*6-7^8)-9$
5202309	P	$-1-(1-(2-34)*5^6-7^8)+9$	5731999	P	$-((1+2^3)^4*5^6+6-7^8)+9$
5217917	P	$-((-1+(2+34))/5^6-7^8)-9$	5732011	P	$-(1+2^3)^4*5^6+7^8+9$
5225975	G	$-1-((2^3)^4*5^6-7^8)*8*9$	5733473	P	$-(1+2^3*(34+5^6))+7^8-9$
5233557	G	$-1-2-34*5^6+7^8+9$	5738898	G	$(-1*(2^2-3+4)*(-5^6-7)))*89$
5247648	G	$(-1*(2/3+4)*(-5^6+7))*8*9$	5741121	G	$1-23*(4^5+6)+7^8+9$
5249496	G	$((1*2)/3+4)*5^6-7)*8*9$	5741397	G	$1+23*(-4^5+6)+7^8+9$
5250000	G	$(1*(2+3^4)*5^6*(7+8+9))$	5742624	P	$-((1+2^3)^4+5^6)+7^8+9$
5250504	G	$(1*(2/3+4)*5^6+7)*8*9$	5744307	G	$1-2^2(3^4)*5^6+7^8-9$
5267121	G	$-1-(2*(3^4)^5+6)+7^8-9$	5749086	G	$(1-2)^3*4-5^6+7^8-9$
5310120	G	$(1*(-2-3)*4*(-5^6+7))*(8+9)$	5750462	G	$-1+((2^3)^4-(5^6)+((7^8)-9))$
5311905	G	$(1*(-2-3)*(-4^5+6+7))*(8+9)$	5752799	P	$-((1-2^3)^4*5^6+6-7^8)+9$
5312381	G	$(1*(2+3)*4*5^6-7)*(8+9)$	5754760	G	$((1-23)*456+7^8-9)$
5312497	G	$-1-2-34/(5^6-6/(7-8-9))$	5755720	G	$(-1*2^3*4)*5^6+7^8-9$
5312619	G	$(-1*(-2-3)*4*5^6+7)*(8+9)$	5755738	G	$(-1*2^3*4)*5^6+7^8+9$
5314880	G	$(-1*(-2-3)*4*(5^6+7))*(8+9)$	5757045	P	$-1+(-(2^3)^4+5)*6+7^8-9$
5318775	G	$(-1*2*(-3^4+5))*6^7/8-9$	5757916	G	$-1-((2+3)^4*(5+6)-7^8)-9$
5318793	G	$(-1*2*(-3^4+5))*6^7/8+9$	5758219	P	$-((1+2^3)^4+5^6)+7^8+9$
5342934	P	$-(1-(-23-4)*5^6-7^8)+9$	5758260	P	$-(1+2^3)^4+5^6+7^8+9$
5371069	G	$(1*(2+3/4))*5^6(-6+7+8)-9$	5758317	G	$-1-(2^3)^4*5^6+7^8-9$
5391086	G	$(-1*(-2^2-3+4)*(-5^6-7))*89$	5758510	G	$1*(-23-4^5)*6-(-7^8+9)$
5405324	P	$-1+23*(4+5^6))+7^8-9$	5758516	G	$(1-23-4^5)*6+7^8-9$
5410510	P	$-(1+(2+(3+4))^5)*6+7^8+9$	5758792	G	$(1+23-4^5)*6+7^8-9$
5412094	G	$-1+((2/3-4^5)*-6^7+8)-9$	5759932	G	$(-1*2^3*4)*5^6+7^8-9$
5493735	G	$(-1*2*-3^4-5)*6^7/8-9$	5759950	G	$(-1*2^3*4)*5^6-(-7^8-9)$
5493753	G	$(-1*2*-3^4-5)*6^7/8+9$	5760144	G	$1*(-2-3^4)*5^6-(-7^8+9)$
5499089	G	$-1+2*3^4*5^6*789$	5760200	G	$(1-2-3^4)*5^6+7^8-9$
5515951	G	$-1-2-(3^4)^5-6+7^8-9$	5760256	G	$(1-2)*(3^4*5^6-7^8)-9$
5515953	G	$1-2+(-3^4)^5-6+7^8-9$	5760274	G	$(1-2)*(3^4*5^6-7^8)+9$
5515971	G	$(1-2-(3^4)^5-6)+7^8+9$	5760424	G	$(1+2-3^4)*5^6+7^8-9$
5529500	G	$-1-(2-(3^4-5)^6*(7^8-9))$	5761006	G	$(-1-(2+3)^4-5)*6+7^8-9$
5535416	G	$(1*2)^(3^4)*-56+7^8-9$	5761066	P	$-((1+(2+3)^4)+5)*6+7^8-9$
5559986	G	$1-23+4*(5^6-7)*89$	5761071	G	$-1-((2+3)^4-5)*6+7^8-9$
5560004	G	$1-2-3+4*(5^6-7)*89$	5761618	G	$(1-2^3)*456+7^8+9$
5560010	G	$1-2+3+4*(5^6-7)*89$	5762062	G	$(1-23^4)*5^6+7^8-9$
5560014	G	$1*2^3+4*(5^6-7)*89$	5762119	G	$(-1-2)^3*4*(5+6)+7^8-9$
5560032	G	$1+23+4*(5^6-7)*89$	5762272	G	$(1+2+3^4)*-5^6+7^8-9$
5561870	G	$-1-2*3+(4*5^6-7)*89$	5762364	G	$1*2-3^4*5^6+7^8-9$
5561885	G	$(1*2)^3+(4*5^6-7)*89$	5762382	G	$1*2-3^4*5^6+7^8+9$
5563116	G	$-1-2*3+(4*5^6+7)*89$	5762512	G	$(1-2^3)*456+7^8-9$
5563131	G	$(1*2)^3+(4*5^6+7)*89$	5762775	G	$1+2*(3-4^5)+6+7^8+9$
5563211	G	$-1+(-2+3-4*-5^6+7)*89$	5763437	G	$1-(234-5)*6+7^8+9$
5564970	G	$1-23+4*(5^6+7)*89$	5763457	G	$-1-((2^3)^4+56)+7^8+9$
5564988	G	$1-2-3+4*(5^6+7)*89$	5763494	G	$-1-(-2^3)^4+5-6+7^8-9$
5564993	G	$-1*2+3-4*(-5^6-7)*89$	5763506	G	$-1-((2^3)^4-5-6)+7^8-9$
5564994	G	$1-2+3+4*(5^6+7)*89$	5763512	G	$-1-(-2^3)^4+5-6+7^8+9$
5564996	G	$-1+2+3-4*(-5^6-7)*89$	5763524	G	$-1-((2^3)^4-5)+6+7^8+9$
5564998	G	$1+2+3+4*(5^6+7)*89$	5763901	G	$(-1+2)/(3^4-4/(-5-6))-(-7^8+9)$

5763918	G	$1-2+3^4*(-5-6)+7^8+9$	6093739	G	$(-1*2-3)*(4-5^6*78)+9$
5763921	G	$1^*2+3^4*(-5-6)+7^8+9$	6093761	G	$(1^*2+3)*(4+5^6*78)-9$
5763924	G	$1+(2-3^4)*(5+6)+7^8-9$	6093779	G	$(1^*2+3)*(4+5^6*78)+9$
5764275	G	$-1+2*(3-45^6)+7^8+9$	6110819	G	$-1-(23*(4-5^6)+7)*(8+9)$
5765613	P	$-(1+(-2-3^*45)*6-7^8)-9$	6124092	G	$-1+(-23*(4-5^6)+7^8+9)$
5765662	G	$1-(2-3^4)*5+6+7^8-9$	6132240	G	$(1+23^(4+5-6))^7*8^9$
5765704	P	$-1-(-2-3^4)*(-5-6)-(-7^8+9)$	6186666	G	$-1+(23+4)/5^6-6+7^8-9$
5765875	G	$1+(23-4)*56+7^8+9$	6217747	P	$-1+2*(-(-3+(4^5)^6)+7)+8^9$
5766086	G	$-1+(-2^*3)^4+5-6+7^8-9$	6220797	G	$-1-2+(3^*-4)^5*(-6^*7+8+9)$
5766104	G	$-1+(-2^*3)^4+5-6+7^8+9$	6223391	G	$-1+2*(3-45)^4*(-6-7+8+9)$
5766143	G	$-1+(-2^*3)^4+56+7^8-9$	6262467	G	$-1+2*((3^*4)^5+6)+7^8-9$
5766185	G	$1+(234-5)*6+7^8+9$	6262485	G	$-1-(-2*((3^*4)^5+6)-7^8)+9$
5766217	G	$-1+2^*(3+4)*(5+6)+7^8+9$	6288862	G	$-1^*2+3^*4/(5+6)*(7^8-9)$
5767224	G	$1^*2+3^4*5^*6+7^8-9$	6296057	G	$-1-2+34^5*6+7^8+9$
5767242	G	$1^*2+3^4*5^*6+7^8+9$	6322176	G	$(1^*(2+3^4)^(5+6))^7*8^9$
5768511	G	$-1+((2+3)^4-5)^*6+7^8-9$	6327291	G	$-1+(2+34)/5^6+6+7^8-9$
5769216	G	$1^*(-2+3^4)*56-(-7^8+9)$	6329726	G	$-1+(-2-3*(-4-5^6)*(7+8))^*9$
5769272	G	$(1-2+3^4)*56+7^8-9$	6343750	G	$(1^*(2/3+4)^5*6)^*(78+9)$
5770798	G	$1^*(-23+4^5)*6-(-7^8+9)$	6368544	G	$(1^*2^*3^4*56)^*78^9$
5770804	G	$(1-23+4^5)*6+7^8-9$	6374286	G	$(-1^*2^*3*(-4^5^6+7))^*(8+9)$
5771080	G	$(1+23+4^5)*6+7^8-9$	6374762	G	$(-1^*2^*(3^*4^*-5^6+7))^*(8+9)$
5771277	G	$-1+(2^*3)^4*5+6+7^8-9$	6375238	G	$(1^*2^*(3^*4^*5^6+7))^*(8+9)$
5771904	G	$(-1+2^*(3+4))^*56-(-7^8+9)$	6375714	G	$(1^*2^*3^*(4^5^6+7))^*(8+9)$
5772573	G	$-1+((2/(3^*4))^4-5+6)+7^8-9$	6436223	P	$-1-23^*(4-5+6)-7^*(8+9)$
5772597	G	$-1+((2^*3)^4+5)*6+7^8-9$	6437509	G	$-1-(23*(45-6^7)-8)+9$
5780336	G	$(1-2)^*(3^4-5^6+7^8)+9$	6437685	P	$-(1+23*(45-6^7-8))+9$
5781712	G	$-1+(-2^*3)^4+5^6+7^8-9$	6438050	G	$-1+(-23*(4^5-6^7)-8+9)$
5785267	G	$1+2^*(3^4)*5-6+7^8-9$	6438970	G	$-1-(-23*(4^5+6^7)+8+9)$
5785342	G	$-1+((2/3+4^5)*6^7+8)-9$	6439579	P	$-(1-23*(45+6^7)-8)+9$
5788225	G	$1-23*(-4^5+6)+7^8+9$	6439953	G	$-1+23*(45+6^7+8+9)$
5788501	G	$1+23*(4^5+6)+7^8+9$	6469809	P	$-1+2*((3^*4)^5*(-6-7)+89)$
5795991	G	$-1+(-2*(34-5^6)+7^8+9)$	6483627	G	$-1-(-2-3^4)*5^*(6-(7-8))-9$
5804128	P	$-((-1+2^3)^4+5)*6-7^8-9$	6486676	G	$(-1^*(2/3+4)*(-5^6+7))^*89$
5811666	G	$-1+(((2-3)+4)^5*6+7^8-9)$	6490699	G	$-1-2+(34^5-6)/7-8^9$
5811694	G	$-1-(2-3*(4+5^6))+7^8+9$	6490843	G	$-1-2+(34^5-6)/7+8^9$
5812500	G	$(-1*(2^3-3-4)^5*6)^*(7+89)$	6495730	G	$-1-(2-3*(4+((5+6)^7-8)/9))$
5813950	P	$-((-1-2^3/4^5)*6-7^8)-9$	6581249	G	$-1+234^5*(6+7-8)^9$
5827332	G	$-1+23+4^5*6+7^8+9$	6588304	G	$-1-(2^3*(-4+5+6)^7)*8+9$
5837367	G	$-1+(2^*3)^4*56+7^8-9$	6715398	G	$-1-2-3*(4^5-6^7*8)+9$
5859237	G	$-1+(-2^*3*(45-6+7-8)^9)$	6715416	G	$-1-(2+3*(4^5-6^7*8-9))$
5859333	G	$-1-2-3*(4-5^6(-6+7+8)+9)$	6716159	G	$-1+(23^4+5-6)*(7+8+9)$
5859335	G	$1-2-3*(4-5^6(-6+7+8)+9)$	6717354	G	$-1-2-3*((45-6^7)^8+9)$
5859337	G	$-1+2-3*(4-5^6(-6+7+8)+9)$	6718236	G	$-1-(2+3*(4+5-6^7)*8+9)$
5859353	G	$(-1-2-3*(4-5^6(-6+7+8)))-9$	6718795	G	$1+2*(3^4*5^6+7^8+9)$
5859356	G	$(1^*2-3*(4-5^6(-6+7+8)))-9$	6718914	G	$-1-(2-3*((4^5+6^7)^8-9))$
5859394	G	$-1^*2+3*(4+5^6(-6+7+8))+9$	6719514	G	$-1-2+3*((45+6^7)^8-9)$
5859413	G	$1-2+3*(4+5^6(-6+7+8)+9)$	6721542	G	$-1-(2-3*(4^5+6^7*8))+9$
5859415	G	$-1+2+3*(4+5^6(-6+7+8)+9)$	6721562	G	$1-2+3*(4^5+6^7*8+9)$
5859417	G	$1+2+3*(4+5^6(-6+7+8)+9)$	6827685	G	$-1-2*(3-(4+5)^6)+7^8+9$
5859432	G	$-1-(2+3*(-4^5-6+7-8)^9)$	6827697	G	$-1+2*(3+(4+5)^6)+7^8+9$
5874164	G	$-1-(2-(3+4)/5^6-6)+7^8-9$	6890706	P	$(-1-2+(-3-4)^5*6^7+8)^*9$
5874167	P	$(-1+2)*(-(-3-4)/5^6-6-7^8)-9$	6996017	G	$1+23^4*5^6(6+7-8)-9$
5874187	G	$1^*2+(3+4)*5^6+7^8+9$	6996035	G	$1+23^4*5^6(6+7-8)+9$
5880726	G	$-1+((2+3^4+5)^6+7)/8-9$	6999167	G	$(-1^*2+3^4)*5^6+7^8-9$
5889759	G	$-1+(-2^3*(4-5^6)+7^8-9)$	7014792	G	$(1-2+3^4)*5^6+7^8-9$
5906241	G	$(1+23/4)^5*6^7*8-9$	7030414	G	$-1-(2-(3^4*5^6+7^8)+9)$
5971823	P	$1-2+((3^*-4)^5+6)*(-7+8+9)$	7030432	G	$-1-2-3^4*5^6+7^8+9$
5971936	P	$-1-(2^*(-(3+4+5)^6+7)+8)-9$	7125000	G	$(1^*(23-4)^5*6)^*(7+8+9)$
5972607	G	$-1+2^*(3+4)*(5+6^7+8+9))$	7139810	G	$(-1+23)^4*5^6+7^8+9$
5999976	G	$-1-23+4^5*6^*(7+89)$	7157807	G	$-1+2^*3^4*5^6*789$
5999978	G	$1-23+4^5*6^*(7+89)$	7168662	G	$(1^*(-23-4)*(-5^6+7))^*(8+9)$
6000022	G	$-1+23+4^5*6^*(7+89)$	7171756	G	$(1^*(23+4)^5*6-7)^*(8+9)$
6000024	G	$1+23+4^5*6^*(7+89)$	7171994	G	$((1^*(23+4)^5*6)+7)^*(8+9)$
6013615	G	$-1-2+(3^4)^5-6+7^8-9$	7173361	G	$(1+2^3-3+4)^5*6^7-8-9$
6013617	G	$1-2-(-3^4)^5-6+7^8-9$	7175088	G	$(1^*(23+4)^5*(5^6+7))^*(8+9)$
6013635	G	$(1-2+(3^4)^5-6)+7^8+9$	7260117	G	$-1-2+((3+4)^5*6-7)^*8^9$
6018614	G	$-1-(-2-34^5)*6^7+8-9$	7278413	G	$-1+234^5*(-5+6^7+8)/9$
6029320	G	$-1+23^4*(5+6-7)^8+9$	7343750	G	$(1^*(2^3+4)^5*6)^*(7^8-9)$
6061666	G	$-1+(23-4)/5^6-6+7^8-9$	7358678	G	$-1+(2^*3)^4*5678-9$
6093721	G	$(-1^*2-3)*(4-5^6*78)-9$	7406250	G	$(-1^*(2-3^4)^5*6)^*(7+8-9)$

7437140	P	$-1-2+(3-4/5^{\wedge}6)^{*}7^{*}-(8+9)$	8115560	G	$-1-2+(34-5)^{*}(6^{\wedge}7-89)$
7437415	P	$(1^{*}2+3-4^{*}5^{\wedge}6^{*}7)^{*}-(8+9)$	8115562	G	$1-2+(34-5)^{*}(6^{\wedge}7-89)$
7437475	G	$(1^{*}2)^{*}(34^{*}5^{\wedge}6^{*}7-8)-9$	8175005	G	$-1+2^{*}3^{\wedge}4^{*}567^{*}89$
7437525	G	$(1^{*}2)^{*}(34^{*}5^{\wedge}6^{*}7+8)+9$	8278523	G	$-1+2^{*}3^{\wedge}4^{*}5678^{*}9$
7437585	G	$(1^{*}2+3-4^{*}5^{\wedge}6^{*}7)^{*}(8+9)$	8280417	G	$(-1+2/3^{\wedge}4)^{*}5^{\wedge}6+7^{\wedge}8-9$
7529654	G	$-1+((2^{*}(-3^{*}4+5))^{\wedge}6-7^{*}(-8-9))$	8280435	G	$(-1+2/3^{\wedge}4)^{*}5^{\wedge}6-(-7^{\wedge}8-9)$
7554762	G	$(1-23^{\wedge}4/5+6)^{*}(-7-8)^{*}9$	8296041	G	$-1+2^{*}3^{\wedge}4^{*}5^{\wedge}6+7^{\wedge}8-9$
7554981	G	$-1-2-3^{*}(4^{\wedge}5-(6^{\wedge}7-8)^{*}9)$	8356608	G	$(1^{*}2^{*}3^{\wedge}4-5)^{*}-6^{\wedge}(7-8+9)$
7555413	G	$-1-2-3^{*}(4^{\wedge}5-(6^{\wedge}7+8)^{*}9)$	8387893	G	$-1+2^{\wedge}(3+4^{*}5)-6^{*}7^{*}(8+9)$
7555708	G	$1+23^{\wedge}4^{*}(-5+(-6+7)^{*}8)^{*}9$	8388707	G	$1^{*}2^{\wedge}(3+4^{*}5)+6^{*}(7+8)+9$
7556652	P	$(1+23^{\wedge}4/5+6)^{*}-(-7-8)^{*}9$	8388828	G	$-1+2^{\wedge}(3+4^{*}5)+(6+7)^{*}(8+9)$
7557462	G	$(-1^{*}2/3^{\wedge}4)^{*}(5-6^{\wedge}(7+8-9))$	8388997	G	$-1+2^{\wedge}(3+4^{*}5)-6^{*}(7-8^{*}9)$
7558080	G	$-1-(2-3^{*}(4+5+(6^{\wedge}7-8)^{*}9))$	8395151	G	$1^{*}23^{\wedge}4^{*}5^{*}6-7-8^{*}9$
7558545	G	$-1-2+3^{*}(4^{*}5+(6^{\wedge}7+8)^{*}9)$	8395220	G	$(1^{*}23)^{\wedge}4^{*}5^{*}6+7-8-9$
7558620	G	$-1-2+3^{*}(45+(6^{\wedge}7+8)^{*}9)$	8395222	G	$(1^{*}23^{\wedge}4^{*}5)^{*}6-7+8-9$
7559082	G	$(1^{*}2^{*}3^{\wedge}4)^{*}(5+6^{\wedge}(7+8-9))$	8395277	G	$1^{*}23^{\wedge}4^{*}5^{*}6+7^{*}8-9$
7561127	G	$1-2+3^{*}(4^{\wedge}5+(6^{\wedge}7-8)^{*}9)$	8395349	G	$(1^{*}23^{\wedge}4^{*}5)^{*}6+7^{*}(8+9)$
7561559	G	$1-2+3^{*}(4^{\wedge}5+(6^{\wedge}7+8)^{*}9)$	8395734	G	$1^{*}23^{\wedge}4^{*}5^{*}6+7^{*}8^{*}9$
7572474	G	$-1+((-2-34^{\wedge}5)/-6-7-89)$	8396783	G	$-1-(2^{*}3)^{\wedge}4+5^{*}6^{\wedge}(7-(8-9))$
7572483	G	$-1+((-2-34^{\wedge}5)/-6-78-9)$	8397824	G	$-1+2^{*}3^{*}(-4-5^{*}(-6^{\wedge}7+8))+9$
7572523	G	$(-1+(2+34^{\wedge}5)/6-7^{*}8)+9$	8397845	G	$-1-234+5^{*}6^{\wedge}(7-8+9)$
7781250	G	$(-1^{*}(-2-3^{\wedge}4)^{*}5^{\wedge}6)^{*}(7+8-9)$	8397979	G	$-1-(2+3)^{*}(4^{*}5-6^{\wedge}(7-(8-9)))$
7793352	G	$(1^{*}2^{*}3^{\wedge}4-5^{\wedge}6)^{*}7^{*}-8^{*}9$	8398046	G	$(1-2)^{*}(34-5^{*}6^{\wedge}(7-(8-9)))$
7812440	G	$-1-23+4^{*}(5^{\wedge}(-6+7+8)-9)$	8398304	G	$-1+2^{*}-3^{*}(4-5^{*}(6^{\wedge}7+8))+9$
7812459	P	$1-2^{*}3-4^{*}-(5^{\wedge}(-6+7+8)-9)$	8403199	G	$-1+(2+3)^{*}(4^{\wedge}5+6^{\wedge}(7-(8-9)))$
7812467	G	$-1-(23-4^{*}5^{\wedge}(-6+(7+8)))-9$	8460323	P	$1+2^{*}(-((3^{*}4)^{\wedge}5+6)+7)^{*}(8+9)$
7812560	G	$1+23+4^{*}(5^{\wedge}(-6+7+8)+9)$	8460729	G	$-1+2^{*}((3^{*}4)^{\wedge}5+6+7)^{*}(8+9)$
7838296	G	$-1-(2^{\wedge}3+4^{*}5)^{*}-6^{\wedge}7+89$	8470221	P	$-1-2+(-(-3^{*}4+5)^{\wedge}6+7)^{*}-8^{*}9$
7857861	G	$-1-2+(-34+5^{\wedge}6)^{*}7^{*}8^{*}9$	8495580	G	$1^{*}2^{*}34^{*}((5^{\wedge}6-7)^{*}8-9)$
7868376	P	$-(1^{*}23^{*}4-5^{\wedge}6^{*}7)^{*}8^{*}9$	8496804	G	$1^{*}2^{*}34^{*}((5^{\wedge}6-7)^{*}8+9)$
7870104	P	$-(1^{*}2^{*}34-5^{\wedge}6^{*}7)^{*}8^{*}9$	8499048	G	$(1^{*}2^{\wedge}3^{*}(4^{*}5^{\wedge}6-7))^{*}(8+9)$
7871469	G	$-1-2+(-3-(4-5^{\wedge}6))^{*}7^{*}8^{*}9$	8499870	G	$1^{*}2^{*}((34/5^{\wedge}6-7)^{*}8-9)$
7873006	G	$-1+23+(-4+5^{\wedge}6)^{*}7^{*}8^{*}9$	8499881	G	$(1^{*}2^{\wedge}3^{*}4^{*}5^{\wedge}6-7)^{*}(8+9)$
7873197	G	$-1-2+(3-(4-5^{\wedge}6)^{*}7)^{*}8^{*}9$	8499906	G	$1^{*}2^{*}((34/5^{\wedge}6-7)^{*}8+9)$
7874160	G	$(1-2/3^{*}4+5^{\wedge}6)^{*}(7^{*}8^{*}9)$	8500094	G	$1^{*}2^{*}((34/5^{\wedge}6+7)^{*}8-9)$
7874760	G	$((1^{*}2)/3-4+5^{\wedge}6^{*}7)^{*}8^{*}9$	8500119	G	$(1^{*}2^{*}3^{*}4^{*}5^{\wedge}6+7)^{*}(8+9)$
7874908	G	$-1^{*}23^{*}4+5^{\wedge}6^{*}7^{*}8^{*}9$	8500130	G	$1^{*}2^{*}((34/5^{\wedge}6+7)^{*}8+9)$
7874910	G	$(-1-(2+3)/4+5^{\wedge}6^{*}7)^{*}8^{*}9$	8500952	G	$(1^{*}2^{\wedge}3^{*}(4^{*}5^{\wedge}6+7))^{*}(8+9)$
7874916	G	$1^{*}(2/(3^{*}4)+5^{\wedge}6)^{*}(7^{*}8^{*}9)$	8502549	G	$-1-2+(3^{\wedge}(4+5)^{*}6-7)^{*}8^{*}9$
7874966	G	$(1-2)^{*}34+5^{\wedge}6^{*}7^{*}8^{*}9$	8502879	G	$1-2^{*}((3-(4+5)^{\wedge}6+7)^{*}8+9)$
7874970	G	$((1^{*}2)/3-4+5^{\wedge}6^{*}7^{*}8)^{*}9$	8502982	G	$-1-2^{*}(-3-(4+5)^{\wedge}6+7)^{*}8-9$
7874993	G	$(1-2)^{*}(3+4)+5^{\wedge}6^{*}7^{*}8^{*}9$	8503196	G	$1^{*}2^{*}34^{*}((5^{\wedge}6+7)^{*}8-9)$
7875030	P	$-((1^{*}2)/3-4-5^{\wedge}6^{*}7^{*}8)^{*}9$	8503215	P	$(-1-2^{*}(-(-3-(4+5)^{\wedge}6)+7))^{*}-8-9$
7875090	G	$(1-2)/3-4-5^{\wedge}6^{*}7)^{*}8^{*}9$	8503818	G	$1+2^{*}34^{*}(5^{\wedge}6+7)^{*}8+9$
7875091	G	$-1+23^{*}4+5^{\wedge}6^{*}7^{*}8^{*}9$	8504420	G	$1^{*}2^{*}34^{*}((5^{\wedge}6+7)^{*}8+9)$
7875240	P	$-((1^{*}2)/3-4-5^{\wedge}6^{*}7)^{*}8^{*}9$	8506458	G	$(-1-2)^{*}3^{\wedge}4^{*}(-5-(6^{\wedge}7/8+9))$
7875375	G	$-1-2+(3/4+5^{\wedge}6)^{*}7^{*}8^{*}9$	8640536	G	$(-1^{*}(2-3^{\wedge}4)^{*}5^{\wedge}6)^{*}7-89$
7875501	G	$-1-2+(-3+4+5^{\wedge}6)^{*}7^{*}8^{*}9$	8640553	G	$(-1^{*}(2-3^{\wedge}4)^{*}5^{\wedge}6)^{*}7-8^{*}9$
7875840	G	$(1-2/3^{*}4-5^{\wedge}6)^{*}(-7^{*}8^{*}9)$	8640608	G	$(1^{*}(-2+3^{\wedge}4)/5^{\wedge}6)^{*}7-8-9$
7877229	G	$-1-2+(-3+(-4-5^{\wedge}6)^{*}7)^{*}-8^{*}9$	8640624	G	$(1^{*}(-2+3^{\wedge}4)^{*}5^{\wedge}6)^{*}7+8-9$
7879096	G	$(1^{*}2^{\wedge}3)^{\wedge}4+5^{\wedge}6^{*}7^{*}8^{*}9$	8640626	P	$(-1^{*}(2-3^{\wedge}4)^{*}5^{\wedge}6)^{*}7-8)+9$
7879896	G	$(1^{*}2^{*}34+5^{\wedge}6^{*}7)^{*}8^{*}9$	8640642	G	$(-1^{*}(2-3^{\wedge}4)^{*}5^{\wedge}6)^{*}7+8+9$
7881045	G	$-1-2+(3^{*}4+5^{\wedge}6)^{*}7^{*}8^{*}9$	8640697	G	$(-1^{*}(2-3^{\wedge}4)^{*}5^{\wedge}6)^{*}7+8^{*}9$
7881624	G	$(1^{*}23^{*}4+5^{\wedge}6^{*}7)^{*}8^{*}9$	8640714	G	$(1^{*}(-2+3^{\wedge}4)^{*}5^{\wedge}6)^{*}7+89$
7913264	G	$-1+23^{*}(4^{\wedge}5^{*}6^{*}7^{*}8-9)$	8678104	G	$-1-(-2-34+5)^{*}6^{\wedge}7+89$
7931518	G	$-1^{*}2+34^{*}5^{*}6^{\wedge}(7+8-9)$	8749991	G	$(-1^{*}(2-3^{\wedge}4)^{*}5^{\wedge}6)^{*}7^{*}8-9$
7956648	G	$(1^{*}2^{*}3^{\wedge}4+5^{\wedge}6)^{*}7^{*}8^{*}9$	8750009	G	$(-1^{*}(2-3^{\wedge}4)^{*}5^{\wedge}6)^{*}7^{*}8+9$
7961813	G	$-1-((2^{*}3^{*}4)^{\wedge}5-6^{*}(-7-8)^{*}9)$	8836470	G	$(1^{*}2+3^{\wedge}(4^{*}5-6)-7^{\wedge}8)^{*}-9$
7962133	G	$1-(2^{*}-3^{*}4)^{\wedge}5+6^{*}(7-89)$	8859317	G	$1^{*}(2-3^{\wedge}4/-5^{\wedge}6)^{*}7-8^{*}9$
7962675	G	$1-(2^{*}-3^{*}4)^{\wedge}5+67-(8+9)$	8859433	G	$-1^{*}(2-3^{\wedge}4/5^{\wedge}6)^{*}7+8^{*}9$
7963039	G	$1-(2^{*}-3^{*}4)^{\wedge}5+6^{*}(78-9)$	8954913	G	$1+23^{\wedge}4^{*}(56-(7+8+9))$
7963147	G	$1-(2^{*}-3^{*}4)^{\wedge}5+6^{*}(78+9)$	8957732	G	$-1-23-4^{*}((5-6^{\wedge}7)^{*}8+9)$
7963201	G	$1-(2^{*}-3^{*}4)^{\wedge}5+6^{*}(7+89)$	8958030	G	$(1+(2+(3^{*}4)^{\wedge}5)^{*}6)^{*}(7+8-9)$
7963764	G	$1-(2^{*}-3^{*}4)^{\wedge}5+67^{*}(8+9)$	8958052	G	$-1-23+4^{*}((5+6^{\wedge}7)^{*}8-9)$
7971618	G	$-1-(2+3-(4+5)^{\wedge}6)^{*}(7+8))+9$	8984273	G	$-1+23^{*}(-4+(5^{*}(6-7))^{\wedge}8)-9$
7999920	G	$-1-(-2^{\wedge}-3^{*}(4^{*}5)^{\wedge}6+7)-8^{*}9$	8984291	P	$(-1+23^{*}(4-(5/(6-7))^{\wedge}8))+9$
7999975	G	$-1-(-2^{\wedge}-3^{*}(4^{*}5)^{\wedge}6+7+8)-9$	8998362	G	$1-2^{*}(3^{\wedge}4^{*}5^{\wedge}6-7^{\wedge}8)+9$
8011106	G	$-1-(-23+5)^{*}(6^{\wedge}7/8-9)$	8999927	G	$-1-(2^{*}(-3-4/5^{\wedge}6)+7)^{*}8^{*}9$
8016936	G	$-1-2+(3+4)^{\wedge}5^{*}(6^{*}7+8+9)$	9027207	G	$1+2+34^{*}(5^{\wedge}6-7)^{*}(8+9)$
8047938	G	$-1+(23/4^{*}-5^{*}(-6^{\wedge}7+8)+9)$	9034324	G	$-1-2-(3-((4+5)^{\wedge}6-7))^{*}(8+9)$

9034494	G	$-1-2+3^4(4+5) \cdot (6 \cdot 78-9)$	9566013	G	$1 \cdot 2 \cdot (3^4(4 \cdot 5-6)-7)+89$
9034562	G	$-1-2+(3-(4+5)^6-7) \cdot (-8-9)$	9566014	G	$1+2 \cdot (3^4(4 \cdot 5-6)-7)+89$
9058981	G	$-1+(2+3/(4-(5+6))) \cdot 7^8+9$	9566023	P	$-(1+2 \cdot (-3^4(4 \cdot 5-6)-7))+8 \cdot 9$
9069894	G	$(-1 \cdot 2/3^4-4)/5 \cdot (-6^7-8+9)$	9566024	G	$-1+2 \cdot 3^4(4 \cdot 5-6)+78+9$
9072810	G	$(1 \cdot 2 \cdot 3^4)/5 \cdot (6^7+89)$	9566033	G	$-1+2 \cdot 3^4(4 \cdot 5-6)+7+89$
9078036	G	$(1 \cdot (2+3^4) \cdot 5^6) \cdot 7-89$	9566035	G	$1+2 \cdot 3^4(4 \cdot 5-6)+7+89$
9078053	G	$(-1 \cdot (-2-3^4) \cdot 5^6) \cdot 7-8 \cdot 9$	9566060	G	$1+2 \cdot (3^4(4 \cdot 5-6)+7 \cdot 8)+9$
9078108	G	$(1 \cdot (-2-3^4)/5^6-6) \cdot 7-8-9$	9566069	P	$1-2 \cdot (-3^4(4 \cdot 5-6)+7 \cdot 8)-9$
9078124	G	$(-1 \cdot (-2-3^4) \cdot 5^6) \cdot 7+8-9$	9566085	G	$1 \cdot 2 \cdot (3^4(4 \cdot 5-6)+78)-9$
9078126	P	$-((1 \cdot (-2-3^4) \cdot 5^6) \cdot 7+8)+9$	9566129	G	$-1+2 \cdot (3^4(4 \cdot 5-6)+7+89)$
9078142	G	$(-1 \cdot (-2-3^4) \cdot 5^6) \cdot 7+8+9$	9566177	P	$1+2 \cdot (3^4(4 \cdot 5-6)-7 \cdot (8+9))$
9078197	G	$(-1 \cdot (-2-3^4) \cdot 5^6) \cdot 7+8 \cdot 9$	9566207	G	$-1+2 \cdot (3^4(4 \cdot 5-6)-(-7-8) \cdot 9)$
9123837	G	$-1-2+(3 \cdot 4)^5 \cdot 6 \cdot (7-8/9)$	9566712	G	$1 \cdot (2 \cdot 34 \cdot (5^6+7)-8) \cdot 9$
9159812	G	$-1-2+(3+4)^5 \cdot (6 \cdot 7 \cdot 8+9)$	9566727	G	$1 \cdot 2 \cdot 3^4(4 \cdot 5-6)+789$
9199817	G	$-1+2 \cdot 3^4 \cdot 5 \cdot 6 \cdot 7 \cdot 8 \cdot 9$	9566784	G	$(1 \cdot (2+34) \cdot (5^6+7)) \cdot (8+9)$
9374945	G	$-1+2 \cdot 3 \cdot (-4 \cdot (5/(6-7)))^8+9$	9566856	G	$1 \cdot (2 \cdot 34 \cdot (5^6+7)+8) \cdot 9$
9375017	G	$-1+2 \cdot (3 \cdot 4 \cdot 5^4 \cdot ((-6+7) \cdot 8)+9)$	9566929	G	$1+2 \cdot (34 \cdot (5^6+7)+8) \cdot 9$
9375053	G	$-1+2 \cdot 3 \cdot (4 \cdot 5^4 \cdot ((-6+7) \cdot 8)+9)$	9566945	G	$-1+2 \cdot (3^4(4 \cdot 5-6)-7 \cdot 8 \cdot 9)$
9421041	G	$-1+2 \cdot 34 \cdot 5^6+7^8-9$	9567185	G	$1+2 \cdot (3^4(4 \cdot 5-6)+7 \cdot 89)$
9422928	G	$-1 \cdot 2 \cdot 3 \cdot (4^4(5+6)-7^8+9)$	9599970	P	$-1-2-3 \cdot ((4 \cdot 5)^4(6+7-8)-9)$
9447848	G	$-1+2 \cdot 3 \cdot 45/(6^4-7 \cdot 8)+9$	9599974	G	$-1+(2+3 \cdot ((4 \cdot 5)^4(6+7-8)-9))$
9514900	G	$(-1 \cdot 2 \cdot (3^4+5-6^7)) \cdot (8+9)$	9633449	G	$(-1 \cdot 2 \cdot 3^4+5^6) \cdot 7 \cdot 89$
9514965	P	$-1-2-34 \cdot (-5+6^7)+89$	9647215	G	$-1-(2+(3 \cdot 4-5)^6 \cdot (7-89))$
9515240	G	$(1 \cdot 2 \cdot (-3^4+5+6^7)) \cdot (8+9)$	9684033	G	$-1-2-3^4(4+5) \cdot 6 \cdot (7-89)$
9516288	G	$-1 \cdot 2 \cdot (3+(45-6^7) \cdot (8+9))$	9726988	P	$-(1-2+(3 \cdot 4-5^6) \cdot 7) \cdot 89$
9517388	G	$-1-2-34 \cdot (5-6^7+8)+9$	9728767	G	$-1-((2+3)+4 \cdot 5^6) \cdot 7 \cdot 89$
9517413	G	$-1-2+34 \cdot (5+(6^7-(8+9)))$	9733309	G	$1 \cdot 2 \cdot (3 \cdot 4-5^6 \cdot 7) \cdot 89$
9517731	G	$(-1+2) \cdot 34 \cdot (5-(-6^7+8))+9$	9733749	G	$-1-2+(3-4+5^6) \cdot 7 \cdot 89$
9517932	G	$-1-2-34 \cdot (5-(6^7+8))+9$	9734014	G	$1-2 \cdot 3 \cdot (4-5^6 \cdot 7) \cdot 89$
9518272	G	$-1-(2-34 \cdot (5+6^7+8))+9$	9734018	G	$1 \cdot 2 \cdot 3 \cdot (4-5^6 \cdot 7) \cdot 89$
9518569	G	$-1-2+34 \cdot (5+(6^7+8+9))$	9734024	G	$1+2 \cdot 3 \cdot (4-5^6 \cdot 7) \cdot 89$
9518573	G	$-1+2+34 \cdot (5+(6^7+8+9))$	9734026	G	$1+2 \cdot 3 \cdot (4-5^6 \cdot 7) \cdot 89$
9520408	G	$(-1 \cdot 2 \cdot (-3^4+5-6^7)) \cdot (8+9)$	9734042	G	$1 \cdot 2 \cdot 3 \cdot (4-5^6 \cdot 7) \cdot 89$
9520748	G	$(1 \cdot 2 \cdot (3^4+5+6^7)) \cdot (8+9)$	9734248	G	$1-2^2(3+4)+5^6 \cdot 7 \cdot 89$
9521017	G	$-1-(2-34 \cdot (5+6^7+89))$	9734356	G	$1-(2+3) \cdot 4+5^6 \cdot 7 \cdot 89$
9558073	G	$1+2 \cdot (34 \cdot (5^6-7)-8) \cdot 9$	9734730	G	$1 \cdot 2 \cdot 3+(4+5^6 \cdot 7) \cdot 89$
9558144	G	$1 \cdot (2 \cdot 34 \cdot (5^6-7)-8) \cdot 9$	9734736	G	$1 \cdot 2+3+(4+5^6 \cdot 7) \cdot 89$
9558216	G	$(1 \cdot (-2-34) \cdot (-5^6+7)) \cdot (8+9)$	9734754	G	$1 \cdot 2+3+(4+5^6 \cdot 7) \cdot 89$
9558288	G	$1 \cdot (2 \cdot 34 \cdot (5^6-7)+8) \cdot 9$	9735445	G	$1 \cdot 2+3+(4+5^6 \cdot 7) \cdot 89$
9558361	G	$1+2 \cdot (34 \cdot (5^6-7)+8) \cdot 9$	9736843	P	$-(1+23)+(4+5^6) \cdot 7 \cdot 89$
9561888	G	$1 \cdot 2 \cdot 34 \cdot (5^6+7-8) \cdot 9$	9736872	G	$1 \cdot 2+3+(4+5^6) \cdot 7 \cdot 89$
9562381	G	$(1 \cdot (2+34) \cdot 5^6-7) \cdot (8+9)$	9738471	G	$(1 \cdot 2 \cdot 3)^4+5^6 \cdot 7 \cdot 89$
9562619	G	$((1 \cdot (2+34) \cdot 5^6+7) \cdot (8+9))$	9752567	P	$-1+2 \cdot 3 \cdot (-4-5^6) \cdot 7+89$
9563112	G	$1 \cdot 2 \cdot 34 \cdot (5^6-7+8) \cdot 9$	9764835	G	$-1+(2+3)^4 \cdot 5^6-6-789$
9564693	G	$1+2 \cdot (3^4(4 \cdot 5-6)-7 \cdot 89)$	9794411	P	$-((-1-23^4) \cdot 5+6) \cdot 7-(8+9)$
9564929	G	$-1+2 \cdot (3^4(4 \cdot 5-6)-7 \cdot 8 \cdot 9)$	9794429	P	$-((-1-23^4) \cdot 5+6) \cdot 7-(8-9)$
9565667	G	$-1+2 \cdot (3^4(4 \cdot 5-6)+(-7-8) \cdot 9)$	9797162	G	$-1-2+(3+4) \cdot 5 \cdot (6^7-(8+9))$
9565701	G	$1+2 \cdot (3^4(4 \cdot 5-6)-7 \cdot (8+9))$	9797722	G	$-1-2+(3+4) \cdot 5 \cdot (6^7+8-9)$
9565745	G	$-1+2 \cdot (3^4(4 \cdot 5-6)-7-89)$	9797792	G	$-1-2+(3+4) \cdot 5 \cdot (6^7-(8-9))$
9565773	G	$1 \cdot 2 \cdot (3^4(4 \cdot 5-6)-78)-9$	9797859	G	$-1-23^4+5-(6/(7-8))^9$
9565791	G	$1 \cdot 2 \cdot (3^4(4 \cdot 5-6)-78)+9$	9798106	P	$1+2+(-3-4) \cdot (-5 \cdot (6^7+8)+9)$
9565809	G	$1+2 \cdot (3^4(4 \cdot 5-6)-7 \cdot 8-9)$	9798352	G	$-1-2+(3+4) \cdot 5 \cdot (6^7+8+9)$
9565820	P	$1+2/3^4-(4 \cdot 5-6)-7 \cdot (8+9)$	9835301	G	$(1 \cdot 2 \cdot 3^4+5^6) \cdot 7 \cdot 89$
9565836	G	$1+2 \cdot (3^4(4 \cdot 5-6)-7)-89$	9843678	G	$((-1 \cdot (2-3^4) \cdot 5^6) \cdot 7-8) \cdot 9$
9565841	G	$-1+2 \cdot 3^4(4 \cdot 5-6)-7-89$	9843822	G	$((1 \cdot (-2+3^4) \cdot 5^6) \cdot 7+8) \cdot 9$
9565845	P	$1-2 \cdot (-3^4(4 \cdot 5-6)-7 \cdot 8)-9$	9870567	G	$(-1 \cdot (-2+3^4) \cdot (-5^6+7)) \cdot 8-9$
9565855	G	$-1+2 \cdot 3^4(4 \cdot 5-6)+7-89$	9870585	G	$(-1 \cdot (-2+3^4) \cdot (-5^6+7)) \cdot 8+9$
9565863	G	$1 \cdot 2 \cdot (3^4(4 \cdot 5-6)+7)-89$	9874935	P	$(-1 \cdot (2-3^4) \cdot 5^6-7) \cdot 8-9$
9565868	G	$-1+2 \cdot 3^4(4 \cdot 5-6)-78+9$	9874953	P	$(-1 \cdot (2-3^4) \cdot 5^6-7) \cdot 8+9$
9565880	G	$1 \cdot 2 \cdot (3^4(4 \cdot 5-6)+7)-8 \cdot 9$	9875047	G	$(1 \cdot (-2+3^4) \cdot 5^6+7) \cdot 8-9$
9565899	G	$1 \cdot 2 \cdot (3^4(4 \cdot 5-6)-7-8)-9$	9875065	G	$(-1 \cdot (2-3^4) \cdot 5^6+7) \cdot 8+9$
9565907	G	$1 \cdot 2 \cdot (3^4(4 \cdot 5-6)-7)-8-9$	9879415	G	$(-1 \cdot (2-3^4) \cdot (5^6+7)) \cdot 8-9$
9565917	G	$1 \cdot 2 \cdot (3^4(4 \cdot 5-6)-7-8)+9$	9879433	G	$(-1 \cdot (2-3^4) \cdot (5^6+7)) \cdot 8+9$
9565959	G	$1 \cdot 2 \cdot (3^4(4 \cdot 5-6)+7+8)-9$	9906304	G	$1 \cdot 2 \cdot 3^4 \cdot 5^6-7^8+9$
9565977	G	$1 \cdot 2 \cdot (3^4(4 \cdot 5-6)+7+8)+9$	9923253	G	$-1-2+(3^4(4+5)+6) \cdot 7 \cdot 8 \cdot 9$
9565978	G	$1+2 \cdot (3^4(4 \cdot 5-6)+7+8)+9$	10000065	G	$((1-2+3^4) \cdot 5^6+7) \cdot 8+9$
9565985	G	$1 \cdot 2 \cdot 3^4(4 \cdot 5-6)+7 \cdot 8-9$	10073594	G	$-1-2^2(3 \cdot 4)-5+6^4 \cdot ((-7+8) \cdot 9)$
9565996	G	$1 \cdot 2 \cdot (3^4(4 \cdot 5-6)-7)+8 \cdot 9$	10076399	G	$-1-(2 \cdot 3)^4+(5+(6-7)^8)^9$
9566006	G	$-1+2 \cdot 3^4(4 \cdot 5-6)+78-9$	10076538	G	$-1+(2 \cdot 3)^4(4+5)-(6+7) \cdot 89$
9566008	G	$1+2 \cdot 3^4(4 \cdot 5-6)+78-9$	10076939	G	$-1+(2 \cdot 3)^4(4+5)-(6+78) \cdot 9$

10077047	G	$-1+(2*3)^{(4+5)}+(6-78)*9$	11104470	G	$(-1*(-2+3^4))*(-5^6+7)+8)*9$
10077066	P	$-(1*(2+3)^{4+5}+(-6/(7-8)))^9$	11108871	G	$(-1*(2-3^4)*5^6-7*8)*9$
10077164	G	$-1+(2*3)^{(4+5)}-(67-8)*9$	11109240	G	$(-1*(2-3^4)/5^6-6-(7+8))*9$
10077995	G	$(-1-2)*3+4*(5+(6^7+8)*9)$	11109510	G	$(-1*(2-3^4)*5^6+7+8)*9$
10078026	G	$-1+23+4*(5+(6^7+8)*9)$	11109879	G	$(-1*(2-3^4)*5^6+7*8)*9$
10078226	G	$-1+(2*3)^{(4+5)}+(67-8)*9$	11114280	G	$(-1*((2-3^4)*(5^6+7)+8))*9$
10078343	G	$-1+(2*3)^{(4+5)}-(6-78)*9$	11114424	G	$(-1*(2-3^4)*(5^6+7)+8)*9$
10078451	G	$-1+(2*3)^{(4+5)}+(6+78)*9$	11120040	G	$(-1*(2-3^4)*(5^6+7+8))*9$
10078852	G	$-1+(2*3)^{(4+5)}+(6+7)*89$	11149191	G	$(1*(-2+3^4)*(5^6+7*8))*9$
10078991	G	$-1+(2*3)^{4+5}+(5+(6-7)^8)^9$	11159991	G	$-1-(2-3*((4+5)^6*7-89))$
10081433	G	$-1+(2*3)^{(4+5)}+6*7*89$	11160042	G	$-1-(2-3*((4+5)^6*7-8*9))$
10081907	G	$-1+(2*3)^{(4+5)}+6*7*8*9$	11160207	G	$-1-(2-3*((4+5)^6*7-(8+9)))$
10082519	G	$-1+(2*3)^{(4+5)}+6*7*8*9$	11160309	G	$-1-(2-3*((4+5)^6*7+8+9))$
10120464	P	$(-1*(-(-2-3)+4)*(-5^6+7))*8*9$	11160474	G	$-1-(2-3*((4+5)^6*7+8*9))$
10124918	G	$-1-((2-3^4*5^6+7)*8+9)$	11164833	G	$(-1*(-2+3^4))*(-5^6-78))*9$
10124952	G	$1+(2+3^4*5^6-7)*8-9$	11193650	G	$1-23^4*5/(6-7)*8+9$
10124968	P	$-1+(-(-2-3^4*5^6+7)*8+9)$	11196161	G	$(1-2*3^4+5/6^7-7)*8+9$
10125039	G	$(1-2+3^4*5^6+7)*8-9$	11197229	G	$-1*(2+3)*4+(5-6^7)*8+9$
10125049	G	$1*2+(3^4*5^6+7)*8-9$	11197619	G	$-1+(2+3)*(45+(6^7*8-9))$
10125057	G	$(1-2+3^4*5^6+7)*8+9$	11197974	G	$-1-(2*-34-5*6^7)*8-9$
10125080	G	$-1+((2-3^4*5^6+7)*8+9)$	11198166	G	$-1-(23*-4-5*6^7)*8-9$
10129536	G	$(1*((2+3)+4)*(5^6+7))*8*9$	11198472	G	$-1+(2^(3+4)+5/6^7-7)*8+9$
10162881	G	$(1+23*(4^5*6-7)*8)*9$	11200999	G	$-1-(2+(3-45))*6^7+89$
10202109	G	$-1-2+(3*-4)^5*(6-7*8+9)$	11244960	G	$(1*(2*3+4)*(5^6-7))*8*9$
10229757	G	$-1-2+(3*-4)^5*(-6*7+8/9)$	11255040	G	$(1*(-2+3^4)*(5^6+7))*8*9$
10235460	G	$-1-2+(3^4-5)^6*(78+9)$	11290752	G	$(1-(2-(3-4))^5)*-6^7+(8+9)$
10249994	G	$-1*2*(3+4/(5^6-6/(7-89)))$	11294301	G	$-1-2+(3^4-5)^6*(7+89)$
10250006	G	$1*2*(3-4/(5^6-6/(7-89)))$	11403263	G	$-1+2*(3+(4^5-6))^7*(78+9)$
10281250	G	$(1*(2+3^4)*5^6)*7*(8-9)$	11492728	G	$-1-(-2*(3^4*5^6-6+7^8)+9)$
10326525	G	$-1-2-(-3^4)^5+6^7*(-7+8)*9$	11500000	G	$(1*23^4*5^6)*7-(8-9)$
10354687	G	$-1+2^3(3-4*5-6)*7*(8-9)$	11501279	G	$1*23*(4^5*6+7)*8-9$
10360924	G	$-1-(2^3(3-45)*6^7+89)$	11501280	G	$1+23*(4^5*6+7)*8-9$
10369916	G	$-1-2-(3+4)^5*(6-7*89)$	11514554	G	$-1-(2-3+4)^5(5+6)*7*(8*9)$
10370343	G	$(1*(-2-3^4))*(-5^6+7))*8-9$	11520522	G	$1-2*(3^4*5^6-7^8)-9$
10370361	G	$(1*(-2-3^4))*(-5^6+7))*8+9$	11520540	G	$1-2*(3^4*5^6-7^8)+9$
10372938	G	$-1-2+3^4(4+5)*(67*8-9)$	11527527	G	$(-1*2)*(3+4^5+6-7^8)-9$
10379639	G	$(-1*(-2-3^4)*(5^6+7))*8-9$	11528772	G	$1-2*(3^4*5^6+6-7^8)-9$
10379657	G	$(-1*(-2-3^4)*(5^6+7))*8+9$	11528790	G	$1-2*(3^4*5^6+6-7^8)+9$
10451013	G	$-1-2+(3^4)^5*6*7+8*9$	11528796	G	$1-2*(3^4*5^6-7^8)-9$
10499990	G	$1-2+3^4*5^6*7*8-9$	11529049	G	$-1+2*(3-45*6-7^8+9)$
10672125	G	$-1-2+(3*-4)^5*(-6*7-8/9)$	11529106	P	$-(1+2*((-3+45)*6-7^8))+9$
10684223	G	$-1+(234-5)*6^7((7+8)-9)$	11529133	P	$-1+2*(-(3^4-(-4+5-6)-7^8)+9)$
10690678	G	$1-2+34^5(5+6-7)*8-9$	11529907	G	$-1+2*(-3*(-4-5)*6+7^8-9)$
10699773	G	$-1-2+(3^4-4)^5*(67*8-9)$	11530105	G	$-1+2*(3^4(4-5+6)+7^8+9)$
10707243	G	$-1-(2+(3/4-5)*6^7-8)*9$	11530392	G	$1+2*(3^4*5^6+6+7^8)-9$
10709079	G	$-1-2+34^5(5+6^7/8)*9$	11530410	G	$1+2*(3^4*5^6+6+7^8)+9$
10718776	G	$-1+(23/4^5(-5-6)-(7-8))/9$	11530416	G	$1+2*(3^4*5^6+6+7^8)-9$
10846561	G	$-1-2+34^5-6*(7^8+9)$	11530434	G	$1+2*(3^4*5^6+6+7^8)+9$
10846674	G	$1*2+34^5-6*(7^8-9)$	11531622	G	$-1+(-2*(3-4^5+6-7^8)-9)$
10855026	G	$(-1*2*3^4+5^6)*7*8*9$	11538666	G	$1+2*(3^4*5^6+7^8)-9$
10911890	G	$1*2-(3^4-5^6)*7*8*9$	11538684	G	$1+2*(3^4*5^6+7^8)+9$
10914032	G	$(1-2+(34+5)*6^7-89))$	11568946	G	$-1-(-2*(3^4(4+5)-(6-7^8))+9)$
10914693	G	$-1-2+(34+5)*6^7-8*9$	11613609	G	$(-1*(-2-3^4)*(5^6-78))*9$
10920309	G	$-1-2+(34+5)*6^7+8*9$	11630043	G	$(-1*(-2-3^4)*(5^6-7*8))*9$
10960335	G	$(-1+(2-(3^4-5^6)*78))*9$	11660670	G	$(-1*(-2-3^4)*(5^6-(7+8))*9$
10967598	P	$-(1*2^3(3+4)-5^6*78)*9$	11666564	P	$-1+(2^3(3-4^5)+6+7)*89$
10968720	G	$((1*2)/3-4+5^6*78)*9$	11666574	P	$-(-1*(-2-3^4))*(-5^6+7)+8)*9$
10968737	G	$1-2-3^4+5^6*78*9$	11666718	P	$(-1*(-2-3^4))*(-5^6+7)+8)*9$
10968742	G	$1-2-3-4+5^6*78*9$	11671128	G	$(-1*(-2-3^4)*(5^6+7-8))*9$
10968780	P	$-((1*2)/3-4-5^6*78)*9$	11671173	G	$(-1*((-2-3^4)*5^6+78))*9$
10968792	G	$((1*2)/3+4+5^6*78)*9$	11671740	G	$(-1*(-2-3^4)/5^6-6-(7+8))*9$
10969902	G	$(1*2^3(3+4)+5^6*78)*9$	11672010	G	$(-1*(-2-3^4)*5^6+7+8)*9$
10972846	G	$(1*2^3)^4+5^6*78*9$	11672379	G	$(-1*(-2-3^4)*5^6+7*8)*9$
11025614	G	$1*2+(3^4+5^6)*78*9$	11672577	G	$(-1*(-2-3^4)*5^6+78)*9$
11031934	G	$-1-(-2*((-3^4)^5-(6-7^8))-9)$	11672622	G	$(-1*(-2-3^4)*(5^6-(7-8)))^9$
11053917	G	$(-1*(2-3^4)*(5^6-78))*9$	11677032	G	$(-1*((-2-3^4)*(5^6+7)+8))*9$
11069559	G	$(-1*(2-3^4)*(5^6-7*8))*9$	11677176	G	$(-1*(-2-3^4)*(5^6+7)+8)*9$
11082474	G	$1*(2*3^4+5^6)*78*9$	11683080	G	$(-1*(-2-3^4)*(5^6+7+8))*9$
11098710	G	$(1*(-2+3^4)*(5^6-(7+8)))^9$	11691623	G	$(-1+23)*(4+5)^6-(7+8*9)$
11104326	G	$(-1*((-2+3^4))*(-5^6+7)+8))*9$	11697669	G	$-1-2-(3+4)^5*(6-7*8*9)$

11713707	G	$(-1*(-2-3^4)*(5^6+7*8))^9$	12601116	G	$-1-2^3-45*(-6^7-89)$
11718709	G	$((1+(2+3)^(4+5))^6-7*8+9)$	12601147	G	$-1+23+45*(6^7+89)$
11730141	G	$(1*(-2-3^4)*(-5^6-78))^9$	12632110	G	$-1+((2^3-3+45)/6^7-8+9)$
11736575	G	$-1+((2-3^4-4)+5)*6^7(7-(8-9))$	12654792	G	$1*2^3*3^4*(5^6(6-7+8)-9)$
11753571	G	$-1-2-(3-45)*(6^7-89)$	12657708	G	$1*2^3*3^4*(5^6(6-7+8)+9)$
11756766	G	$-1*(2/3+4)*(5-6^7+8)^9$	12749997	G	$-1-2+34*5^6*(7+8+9)$
11757344	G	$-1-(2-(3+4)*(5+6^7(7-(8-9))))$	12754509	G	$-1-2-(3-(4+5)^6)*(7+8+9)$
11761047	P	$-1-2+(-3+45)*(-6^7-89)$	12754641	G	$(1-2+3*(4+5)^6+7)^8+9$
11778045	G	$-1-2+(3^4)^5*6^7(7+8/9)$	12783726	G	$-1+(2/3+45)/6^7-7-8-9$
11812419	P	$-(-1+2-3^4*5^6*7+8)^9$	12783742	G	$-1+(2/3+45)*6^7+8-9$
11812581	G	$(-1+2-3^4*5^6*7+8)^9$	12877320	G	$-1+23^4+5*(6^7+8)^9$
11812590	G	$(1*2-3^4*5^6*7+8)^9$	12938877	G	$1*(23^4*(4^5*6+7)-8)^9$
11812599	G	$(1+2-3^4*5^6*7+8)^9$	12970779	P	$-1-2+(3/4*5+6)*(-7^8+9)$
11897288	G	$-1+2*34^5/(6^7-7*8)+9$	13159878	G	$-1-2-(3+4)^5*(6-789)$
11943868	G	$-1-2-((3^4)^5*6+7)^8-9$	13176630	G	$-1-(2*(3-(4-(5-6)))^7)^8+9$
11943980	G	$-1-2+(3^4)^5*6+7)^8-9$	13280941	G	$-1-2+34*((5/(6-7))^8-9)$
12037319	G	$-1-(-23-4^5)/6^7-7+8^9$	13281553	G	$-1-2+34*((5/(6-7))^8+9)$
12037978	G	$-1+(23+4^5)*(6^7+(8+9))$	13337362	G	$-1-((-2-34^5)/6-7^8)-9$
12058615	G	$(-1*23/-4^5(56/-7))^8-9$	13344387	G	$(1-2+3^4(4+5))^6*78-9$
12130557	G	$(1*2-3^4)^5*6^7(7/8-9)$	13432360	G	$1+23^4*(5^6+78)-9$
12223261	G	$-1+23*(4+5)^6+7*(8+9)$	13432369	G	$1-23^4*(5-6-(7^8-9))$
12227132	P	$-1+(-2^3-(-3-4)+5^6)^7*89$	13432378	G	$1+23^4*(5^6+78)+9$
12249991	G	$(1*(2+3^4)*5^6)^7*8-9$	13432655	G	$1*((23^4+5)^6+7)^8-9$
12250009	G	$(1*(2*(3+4)*5^6)^7*8+9$	13433469	G	$-1-2+(3+45)*(6^7-8^9)$
12258768	G	$-1-2+(3^4(4+5)-6)^7*89$	13436809	G	$1-2/3*((4^5-6^7*8)^9)$
12264984	P	$-(1+23)^4*5^6-(6^7-8)^9$	13440381	G	$-1-2+(3+45)*(6^7+8^9)$
12295217	G	$-1+(2+((3+4)/5)^6)/7^8-8-9$	13521534	G	$(1-2+3^4(4+5))^6(678+9)$
12317272	G	$-1-(-2+3-45)/6^7-7+89$	13565880	G	$1*(23^4*(56/7)-8)^9$
12317638	G	$-1-23^4+5*(6^7+8)^9$	13566024	G	$1*(23^4*(56/7)+8)^9$
12328044	G	$(1-2)^3*4+5^6*789$	13671810	G	$-1*2+(3+4)*(5^6(-6+7+8)-9)$
12332221	G	$(1*2^3)^4+5^6*789$	13671814	G	$1*2+(3+4)*(5^6(-6+7+8)-9)$
12386305	G	$1+2^3(3+4+5)^6*7*8^9$	13671827	G	$-1+((2+3)^(4+5)+6)^7*89$
12580542	G	$-1-2+3*(4^5(5+6)-789)$	13671936	G	$-1*2+(3+4)*(5^6(-6+7+8)+9)$
12581397	G	$-1-2+3*(4^5(5+6)-7^8+9)$	13671940	G	$1*2+(3+4)*(5^6(-6+7+8)+9)$
12582504	G	$-1-2+3*(4^5(5+6)-(7+8)^9)$	13781322	G	$((1*(2+3^4)*5^6)^7+8)^9$
12582554	G	$1-2+3*(4^5(5+6)-7*(8+9))$	13813251	G	$-1-2+(3^4(4+5)-6)^7*8^9$
12582558	G	$1+2+3*(4^5(5+6)-7*(8+9))$	13817379	P	$-(1-(2-(3-4))^(5+6))^7*8-9$
12582793	G	$(-1+2)^3*(3^4(5+6)-7*(8+9))$	13835478	P	$-1-2-3*(4/5*(6-7^8)-9)$
12583138	G	$-1+2-3*(4^5(5+6)-78)-9$	13888466	P	$-(1-2^3(3+4))^6(5^6*7-8-9)$
12583268	G	$1-2+3*(4^5(5+6)+7*(8+9))$	13900020	G	$(-1*(2-3^4))^5(5^6-7)^8*9$
12583272	G	$1+2+3*(4^5(5+6)+7*(8+9))$	13906249	G	$-1+2*((3-4)^5+6)^7*89$
12583314	G	$-1-2+3*(4^5(5+6)+(7+8)^9)$	13912480	G	$(1*(2^3+3^4)*5^6(7+8))^8*9$
12584421	G	$-1-2+3*(4^5(5+6)+7^8+9)$	13953125	G	$(1*(23-4)^5*6^7)^8-9$
12585276	G	$-1-2+3*(4^5(5+6)+789)$	13994534	P	$(1-(2-(3-4))^(5+6))^7*(7+8^9)$
12588022	G	$1+(23^4*5-67*8)^9$	13997824	G	$(1*2)^(3+4)*(5^6*7-8-9)$
12589830	G	$(1+23^4*5-67*8)^9$	13998967	G	$1*2^2(3+4)*(5^6*7-8)-9$
12591900	P	$-(1+23^4*5-(-6-7)^8)^9$	13998985	G	$1*2^2(3+4)*(5^6*7-8)+9$
12591918	G	$(1-23^4*5+(-6-7)^8)^9$	13999872	G	$(1*2^2(3+4))^5(5^6*7+8-9)$
12592098	G	$(1-23^4*5-(6+78))^9$	13999929	G	$1+2^2(3+4)^5*6^7*8^9$
12592152	P	$-(-((-1+23^4)^5+6)+78)^9$	14000094	G	$-1-(2^3+4-(4-5-6)^7)^8+9$
12592161	G	$(-1+23^4*5-67-8)^9$	14000177	P	$-1-2+(3-(-4-5)+6)^7)^8-9$
12592171	G	$1+(23^4*5-67-8)^9$	14000207	G	$-1-(23+(4-(5+6))^7)^8+9$
12592206	G	$(1+23^4*5+6-78)^9$	14001015	G	$1*2^2(3+4)*(5^6*7+8)-9$
12593772	P	$-(1+23^4*5+(-6-7)^8)^9$	14001033	G	$1*2^2(3+4)*(5^6*7+8)+9$
12593790	G	$(1-23^4*5-(-6-7)^8)^9$	14002176	G	$(1*2)^(3+4)*(5^6*7+8+9)$
12595302	G	$(-1*2^3*4+5*(6^7-8))^9$	14053659	G	$-1-2-3^4(4+5)^6*7*(-8-9)$
12595590	G	$(-1*2^3*4+(5^6*7-8))^9$	14060844	G	$1+2*(3^4*5^6+7^8)-9$
12595734	G	$(-1*2^3*4+5^6*7+8)^9$	14060862	G	$1+2*(3^4*5^6+7^8)+9$
12595878	G	$(1-23^4*5-6^7-8)^9$	14134443	G	$-1-(2-(3-(4^5(5+6)-7^8)))^9$
12596525	P	$-(1+234)+5*(6^7-8)^9$	14134445	G	$1-2-(3+4^5(5+6)-7^8)^9$
12596668	G	$(-1*23)^4+5*(6^7-8)^9$	14134491	G	$(1-2+3-4^5(5+6)+7^8)^9$
12596692	G	$(-1*2)^3+4+5*(6^7-8)^9$	14273661	G	$-1-2-3*(4^5-6^7*8+9)$
12596815	G	$1-234+(5^6*7-8)^9$	14276274	G	$-1-(2+3*(4+(5-6^7)))^8+9$
12596855	G	$-1*(2+3)^4+5*(6^7+8)^9$	14276762	G	$1-2+3*(4+5+6^7*(8+9))$
12597308	G	$-1-(23-4-5*(6^7+8))^9$	14328993	G	$-1+(2+3*(4^5+6^7))^8+9$
12597558	G	$-1-(2-3^4-5*(6^7+8))^9$	14348516	G	$-1+(23+4)^5*6^7(7^8+9)$
12597713	G	$-1+234+5*(6^7+8)^9$	14349188	G	$-1+(23+4)^5*6^7(-7^8+9)$
12598506	G	$(1*2^3*4+5*6^7-8)^9$	14486271	G	$-1-(2+(3/4+5)^6*(6^7+8)^9)$
12598650	P	$-(-1*2^3*4-(5^6*7+8))^9$	14615442	G	$-1-(2-3/4*((5+6)^7+89))$
12600336	G	$-1-23+45*(6^7+8)^9$	14622721	G	$1+2^2(3^4)^5*6^7*(-8-9)$

14624972	G	$1-2+3*(4/(5^{\wedge}-6/78)-9)$	16795890	G	$-1-(2-3*(4*5/6^{\wedge}-7-89))$
14624974	G	$-1+2+3*(4/(5^{\wedge}-6/78)-9)$	16796282	P	$1-2-3*(4*(5*6^{\wedge}7+8)+9)$
14624976	G	$1+2+3*(4/(5^{\wedge}-6/78)-9)$	16796424	P	$-1-2-3*(4*5/6^{\wedge}-7+89)$
14624990	G	$1-2+3*4*5^{\wedge}6*78-9$	16796666	P	$1-2-3*(4*5*(6^{\wedge}7+8)-9)$
14625006	G	$-1-2+3*4/(5^{\wedge}-6/78)+9$	16796745	G	$-1-2-3*4*(-5*(6^{\wedge}7+8)-9)$
14625024	G	$-1-2+3*(4/(5^{\wedge}-6/78)+9)$	16797021	G	$-1-2-3*4*(-5/6^{\wedge}-7-8*9)$
14625026	G	$1-2+3*(4/(5^{\wedge}-6/78)+9)$	16797177	P	$-1-2-3*4*5*(6^{\wedge}7+8+9)$
14625028	G	$-1+2+3*(4/(5^{\wedge}-6/78)+9)$	16800477	G	$-1-2-3*4*5*(6^{\wedge}7+8*9)$
14687500	G	$(1*(2+3)*4*5^{\wedge}6)*(7*8-9)$	16801497	G	$-1-2-3*4*5*(-6^{\wedge}7-89)$
14743293	G	$-1-2+(3*4)^{\wedge}5*6*(-7/8-9)$	17106877	G	$-1+2-3*(4/5^{\wedge}-6-7^{\wedge}8+9)$
14836555	G	$1*(2^{\wedge}3+45)*(6^{\wedge}7+8-9)$	17168202	G	$-1-(-2*(3^{\wedge}(4+5+6)-7^{\wedge}8)+9)$
14836606	G	$-1+((2^{\wedge}3+45)/6^{\wedge}-7+8)-9$	17168991	P	$-1-2+((3*4)^{\wedge}5+6)*-(78-9)$
14837509	G	$1*(2^{\wedge}3+45)*(6^{\wedge}7+8+9)$	17222622	G	$-1-2+(3+4)*5^{\wedge}-6*(7+8)^{\wedge}9$
14841324	G	$-1-(2^{\wedge}3+45)*(-6^{\wedge}7-89)$	17247566	P	$1-2-3*(4-5^{\wedge}6+7^{\wedge}8+9)$
15059556	P	$-(1*2^{\wedge}3+4-5^{\wedge}(-6+7+8))^{\wedge}9$	17275997	G	$1-2-3*(4^{\wedge}5*6-7^{\wedge}8-9)$
15110973	G	$-1+(2^{\wedge}3+4)^{\wedge}5*6-78)^{\wedge}9$	17281250	G	$(1*(2+3+4)*5^{\wedge}6)^{\wedge}9*(7+8*9)$
15111406	P	$1+2^{\wedge}3+4*(-(5-67)-8)-9$	17291301	G	$-1-(2+3*(4^{\wedge}5+6-7^{\wedge}8))-9$
15111415	G	$1-2^{\wedge}3+4*(5+6+7-8*9)$	17291319	G	$-1-(2+3*(4^{\wedge}5+6-7^{\wedge}8))+9$
15111424	P	$1+2^{\wedge}3+4*(-(5-67)-8)+9$	17291355	G	$-1-(2+3*(4^{\wedge}5-(6+7^{\wedge}8)))+9$
15111837	G	$(1-(2^{\wedge}3+4-5)*6-78)^{\wedge}9$	17293565	G	$1-2-3*(45*6-7^{\wedge}8+9)$
15111855	G	$(1+(2^{\wedge}3+4-5)*6+78)^{\wedge}9$	17293599	G	$-1-(2+3*(45*6-7^{\wedge}8))+9$
15116109	G	$-1-(2+(3-4-5)*6^{\wedge}7-8)^{\wedge}9$	17293703	G	$1-2-3*(4*5*6-7^{\wedge}8+9)$
15330729	G	$-1+2*3^{\wedge}(4*5-6)+7^{\wedge}8-9$	17293737	G	$-1-(2+3*(4*5*6-7^{\wedge}8))+9$
15396477	G	$-1-2+(3^{\wedge}-4)^{\wedge}5*6*(-6-7/8)^{\wedge}9$	17293915	G	$-1-(2+3*(4^{\wedge}5/6-7^{\wedge}8-9))$
15412572	G	$(1-2-3^{\wedge}(4+5))^{\wedge}6-789$	17294267	P	$1-2-3*(-(-4-5)*6+7^{\wedge}8+9)$
15427572	G	$-1-2+(3*4)^{\wedge}5*(6+7*8)-9$	17294557	G	$1-(-23-4)*5*(-6-7^{\wedge}8/9)$
15524364	G	$((1-(2-3^{\wedge}(4+5)))-6)^{\wedge}789$	17294582	G	$1-2+3*(45+6+7^{\wedge}8+9)$
15624896	P	$(-1*2^{\wedge}3*(4-5^{\wedge}(-6-7+8)+9))$	17294589	G	$1+2-3*(4-5*6+7^{\wedge}8+9)$
15624959	G	$-1+2^{\wedge}3*(4+5^{\wedge}(-6-(-7-8))-9)$	17294609	G	$1-2+3*(4+5+6+7^{\wedge}8+9)$
15624977	G	$(-1*2^{\wedge}3*(4-5^{\wedge}(-6+(7+8)))+9)$	17294733	P	$-1-2-3*(-(4*5*6+7^{\wedge}8)+9)$
15625023	G	$(1*2)^{\wedge}3*(4+5^{\wedge}(-6+(7+8)))-9$	17294735	P	$1-2-3*(4*5*6+7^{\wedge}8-9)$
15625104	G	$1*2^{\wedge}3*(4+(5^{\wedge}(-6+(7+8))+9))$	17294905	G	$1-2-3*(4^{\wedge}5/6-7^{\wedge}8-9)$
15625526	G	$-1+((2+3)^{\wedge}(4+5)+67)^{\wedge}8-9$	17295047	G	$1-2-3*(-4*5*6-7^{\wedge}8+9)$
15647190	G	$(1-2+3^{\wedge}(4+5))^{\wedge}6+789$	17295081	G	$-1-2-3*(-4*5*6-7^{\wedge}8)+9$
15668352	G	$(1*2*(3^{\wedge}4-5^{\wedge}6))^{\wedge}7*8-9$	17295185	G	$1-2-3*(-45*6-7^{\wedge}8+9)$
15671239	G	$((1+2^{\wedge}3)*56+78+9)$	17295219	G	$-1-2-3*(-45*6-7^{\wedge}8)+9$
15671248	G	$((1+2^{\wedge}3)*56+7+89)$	17295741	P	$-1-2-3*(-(45+6+7^{\wedge}8)+9)$
15674240	G	$-1+(2^{\wedge}3+4+56)^{\wedge}7*8+9$	17295795	G	$-1-(2-3*(45+6+7^{\wedge}8)+9)$
15676387	G	$-1-(2+((3+4)*(5-6^{\wedge}7*8)-9))$	17297463	G	$-1-2+3*(4^{\wedge}5-6+7^{\wedge}8)+9$
15676511	G	$-1-2+(3+4)*(5+(6^{\wedge}7*8+9))$	17297499	G	$-1-2+3*(4^{\wedge}5-(6-7^{\wedge}8))+9$
15700056	G	$1+2-3*((4+5)^{\wedge}6-7^{\wedge}8+9)$	17356120	G	$-1+(2+3*4*5)*6^{\wedge}7+89$
15700068	G	$-1-(2+3*((4+5)^{\wedge}6-7^{\wedge}8)+9)$	17481897	G	$1+2-3*(-4*5^{\wedge}6-7^{\wedge}8)-9$
15752960	G	$-1+(2*3-4)^{\wedge}(-6-7+8+9)$	17498111	G	$1-2+3/(4^{\wedge}(5-6-7)/89)$
15765371	P	$(-1-(2-3-4))^{\wedge}(5+6+7)^{\wedge}89$	17498113	G	$-1+2+3/(4^{\wedge}(5-6-7)/89)$
15831648	G	$(1*2*(3^{\wedge}4+5^{\wedge}6))^{\wedge}7*8*9$	17499991	G	$(1*(-2-3)*4*5^{\wedge}6)^{\wedge}7*8-9$
15991680	G	$1*2^{\wedge}(3+4)*((5^{\wedge}6-7)^{\wedge}8-9)$	17500009	G	$(1*(-2-3)*4*5^{\wedge}6)^{\wedge}7*8*9$
15992823	G	$1*2^{\wedge}(3+4)*(5^{\wedge}6-7)^{\wedge}8-9$	17541261	G	$(-1*2^{\wedge}(3*4)+5^{\wedge}(-6-(-7-8)))^{\wedge}9$
15992841	G	$1*2^{\wedge}(3+4)*(5^{\wedge}6-7)^{\wedge}8+9$	17572014	P	$(-1-(2+3)^{\wedge}4+5^{\wedge}(-678))^{\wedge}9$
15993984	G	$1*2^{\wedge}(3+4)*((5^{\wedge}6-7)^{\wedge}8+9)$	17572500	P	$-(1*(2+3)^{\wedge}4-5^{\wedge}(-6+7+8))^{\wedge}9$
16006016	G	$1*2^{\wedge}(3+4)*((5^{\wedge}6+7)^{\wedge}8-9)$	17576010	G	$(-1-23+5^{\wedge}(-6+7+8))^{\wedge}9$
16007159	G	$1*2^{\wedge}(3+4)*(5^{\wedge}6+7)^{\wedge}8-9$	17576667	G	$(-1*2/3^{\wedge}-4+5^{\wedge}(-6+(7+8)))^{\wedge}9$
16007177	G	$1*2^{\wedge}(3+4)*(5^{\wedge}6+7)^{\wedge}8+9$	17576974	G	$1-(2^{\wedge}(3+4)-5^{\wedge}(-6+(7+8)))^{\wedge}9$
16008320	G	$1*2^{\wedge}(3+4)*((5^{\wedge}6+7)^{\wedge}8+9)$	17577297	G	$-1*(2^{\wedge}3+4-5^{\wedge}(-6+7+8))^{\wedge}9$
16096317	G	$-1-2+345*6^{\wedge}(7+8-9)$	17577360	P	$(-1-(2+3)^{\wedge}(4+5)+6+78)^{\wedge}9$
16096328	G	$-1+23*4*5/(6^{\wedge}-7*8)+9$	17577414	G	$1*(2-3+4+5^{\wedge}(-6+7+8))^{\wedge}9$
16174467	G	$-1-2-((3*4)^{\wedge}5+6)*(7-8*9)$	17577441	P	$(-1-(2+3)^{\wedge}(4+5)+6+78)^{\wedge}9$
16312497	G	$-1-2-3*4/(5^{\wedge}-6/(-78-9))$	17577513	G	$((-1*2)^{\wedge}3+4+5^{\wedge}(-6+7+8))^{\wedge}9$
16422909	G	$-1-2+(3*4)^{\wedge}5*(67+8-9)$	17577594	G	$(1*(2+3)^{\wedge}(4+5)-(67-8))^{\wedge}9$
16542969	P	$(-((1-23)^{\wedge}4-(56/7)^{\wedge}8)+9)$	17577816	G	$-1-(2+(3+4-5^{\wedge}(-6+7+8))^{\wedge}9)$
16570090	P	$(1*2^{\wedge}3-4)^{\wedge}5*(6-(7+8^{\wedge}9))$	17577890	G	$-1-23+5^{\wedge}(-6+7+8)^{\wedge}9$
16609541	G	$-1+2/-3*(-4-5-6^{\wedge}7*89)$	17577891	G	$-1*23+5^{\wedge}(-6+7+8)^{\wedge}9$
16624991	G	$(1*(23-4)*5^{\wedge}6)^{\wedge}7*8-9$	17577908	P	$-1+(2*3*-4+5^{\wedge}(-6-7+8))^{\wedge}9$
16625009	G	$(1*(23-4)*5^{\wedge}6)^{\wedge}7*8+9$	17577910	P	$1+(2*3*-4+5^{\wedge}(-6-7+8))^{\wedge}9$
16671813	G	$-1-2+(3*4)^{\wedge}5*6^{\wedge}7+8*9$	17577962	G	$-1-2*3+4+5^{\wedge}(-6+7+8)^{\wedge}9$
16686879	G	$1*2+(3*4*5^{\wedge}6-7)^{\wedge}8*9$	17577963	G	$-1*2*3+4+5^{\wedge}(-6+7+8)^{\wedge}9$
16688125	G	$1*2+(3*4*5^{\wedge}6+7)^{\wedge}8*9$	17577996	G	$-1-2^{\wedge}(3+4)+5^{\wedge}(-6+7+8)^{\wedge}9$
16770664	P	$-(1+2^{\wedge}3)^{\wedge}4+(56/7)^{\wedge}8+9$	17577999	G	$(-1*2-3*4+5^{\wedge}(-6+7+8))^{\wedge}9$
16791837	G	$-1-2-3*4*5*(6^{\wedge}7-8*9)$	17578014	P	$-1-(2+(3*4-5^{\wedge}(-6+7-8))^{\wedge}9)$
16795089	G	$-1-2-3*4*(-5/6^{\wedge}-7+89)$	17578033	G	$-1*2*3+4+5^{\wedge}(-6+7+8)^{\wedge}9$
16795137	P	$-1-2-3*4*5*(-6^{\wedge}7-(8+9))$	17578057	G	$-1*2*3+4+5^{\wedge}(-6+7+8)^{\wedge}9$

17578074	P	$-(1+2/3+4-5^{\wedge}(-(-6-7)+8))^*9$	19035690	G	$-1+23+4*(5+6^{\wedge}7*(8+9))$
17578082	G	$1-2^{\wedge}3+(-4+5^{\wedge}(-6-(-7-8)))^*9$	19036036	G	$-1-2+(3+4*(5+6^{\wedge}7))^*(8+9)$
17578086	P	$-(1-2/3+4-5^{\wedge}(-(-6-7)+8))^*9$	19036123	G	$-1+(2^{\wedge}3+4*(5+6^{\wedge}7))^*(8+9)$
17578096	G	$-1+2^{\wedge}3-(4-5^{\wedge}(-6+(7+8)))^*9$	19216035	G	$1*2/3*(4+5*(6+7^{\wedge}8))+9$
17578109	G	$(1+-2-3)*4+5^{\wedge}(-6+(7+8))^*9$	19252826	P	$-((1-23)^{\wedge}4-(5+6)^{\wedge}7)-89$
17578112	G	$1-2-3*4+5^{\wedge}(-6+7+8)^*9$	19296875	G	$(-1*(23-4)*5^{\wedge}6)^*(7-8*9)$
17578147	G	$-1+23+(4+5)/(6+7-8)^{\wedge}-9$	19316135	G	$-1+(2/3*4+5)*(6^{\wedge}7+8)^*9$
17578159	G	$(-1+2)*(34+5^{\wedge}(-6+7+8))^*9$	19367824	G	$(-1*2*(3^{\wedge}4-5^{\wedge}6))^*7*89$
17578164	P	$(1+2/-3+4+5^{\wedge}(-(-6-7)+8))^*9$	19409371	P	$-(1*2-((3*4)^{\wedge}5+6)*78)+9$
17578166	G	$1*2+3+(4+5^{\wedge}(-6+(7+8)))^*9$	19480521	P	$-((1+2^{\wedge}3)^{\wedge}4-(5+6)^{\wedge}7)-89$
17578184	G	$1*23+(4+5^{\wedge}(-6+7+8))^*9$	19480538	P	$-(1+2^{\wedge}3)^{\wedge}4+(5+6)^{\wedge}7-8*9$
17578230	P	$-1-(2*(3*4+5^{\wedge}(-(-6+7)-8)))^*9$	19480682	P	$-(1+2^{\wedge}3)^{\wedge}4+(5+6)^{\wedge}7+8*9$
17578251	G	$(1*2+3*4+5^{\wedge}(-6+7+8))^*9$	19480699	P	$-((1+2^{\wedge}3)^{\wedge}4-(5+6)^{\wedge}7)+89$
17578254	G	$1-2^{\wedge}(3+4)+5^{\wedge}(-6+7+8)^*9$	19485802	G	$-1-(2*3)^{\wedge}4+(5+6)^{\wedge}7-8*9$
17578340	P	$-1-(2*3*-4-5^{\wedge}(-(-6-7)+8))^*9$	19485857	G	$-1-(2*3)^{\wedge}4+(5+6)^{\wedge}7-(8+9)$
17578342	P	$1-(2*3*-4-5^{\wedge}(-(-6-7)+8))^*9$	19488394	G	$-1+(2*3)^{\wedge}4+(5+6)^{\wedge}7-8*9$
17578428	G	$-1-(2-(34+5^{\wedge}(-6+7+8)))^*9$	19488449	G	$-1+(2*3)^{\wedge}4+(5+6)^{\wedge}7-(8+9)$
17578737	G	$((1*2)*34+5^{\wedge}(-6+7+8))^*9$	19531161	G	$1+(-2+3*4)*(5^{\wedge}(-6+7+8)-9)$
17578773	G	$(1*(2+3)^{\wedge}(4+5)-6-78))^*9$	19531243	P	$-1-2*(3-(-4-5)-6)^{\wedge}(-(-7-8)+9))$
17578953	G	$1*(2*3+4+5^{\wedge}(-6+7+8))^*9$	19531245	P	$1-2*(3-(-4-5)-6)^{\wedge}(-(-7-8)+9))$
17579278	G	$1+(2^{\wedge}(3+4)+5^{\wedge}(-6+(7+8)))^*9$	19531255	P	$-1+2*(3+((4-5)+6)^{\wedge}(-(-7-8)+9))$
17579583	G	$(1*2/3^{\wedge}-4+5^{\wedge}(-6+(7+8)))^*9$	19531257	P	$1+2*(3+(-4-5)-6)^{\wedge}(-(-7-8)+9))$
17583750	G	$(1*(2+3)^{\wedge}4+5^{\wedge}(-6+7+8))^*9$	19531341	G	$1-(2-3*4)*(5^{\wedge}(-6+7+8)+9)$
17614989	G	$((1*2)^{\wedge}(3*4)+5^{\wedge}(-6-(-7-8)))^*9$	19531411	G	$-1+2*(3^{\wedge}4+5^{\wedge}6*(7+8)/9))$
17625000	G	$(-1*2*3*4*5^{\wedge}6)^*(-7*8+9)$	19569676	G	$(1*2*(3^{\wedge}4+5^{\wedge}6))^*7*89$
17635496	G	$-1-(2-(3+4)*5+(6^{\wedge}7-8)^*9))$	19595613	P	$-1+2*((-3-4)*-(5*6^{\wedge}7+8)-9)$
17636156	G	$1-2-(3+4)*(5-6^{\wedge}7-8)^*9$	19657251	G	$-1-2-((3*4)^{\wedge}5+6*(7+8)^*9)$
17636469	G	$-1-2+(3*4-5)*(6^{\wedge}7+8)^*9$	19687428	P	$-((1*(-2-3)*4*5^{\wedge}6*(7+8))^*9$
17636504	G	$-1-(2-(3+4)*(5+(6^{\wedge}7+8)^*9))$	19687572	G	$((1*(-2-3)*4*-5^{\wedge}6*(7+8))^*9$
17672976	G	$(-1*2*(3^{\wedge}(4*5-6)-7^{\wedge}8))^*9$	19828125	G	$(1*(23+4)*5^{\wedge}6)^*(7*8-9)$
17718927	G	$-1+2*(3^{\wedge}4*5^{\wedge}6*7+89)$	19875910	G	$-1-(23^{\wedge}4-(5+6^{\wedge}7)*8*9)$
17909823	G	$-1+23^{\wedge}4*(5-(6+7-8)^*9))$	19934211	G	$1+2+(3*4^{\wedge}5-6^{\wedge}7)^*-8*9$
17910144	G	$(1*2^{\wedge}(3+4)*(5^{\wedge}6-78))^*9$	20081877	G	$-1-2+(3-4^{\wedge}5+6^{\wedge}7)*8*9$
17914965	G	$-1-2-((3*4)^{\wedge}5-6-7)^*-8*9$	20096694	G	$1*(23^{\wedge}4+5^{\wedge}(-6+7+8))^*9$
17915571	G	$-1+2*((3-4*(5-6^{\wedge}7)*8)-9)$	20122587	G	$(1+2^{\wedge}3)^{\wedge}4*-5-6^{\wedge}7*-8*9$
17916211	G	$-1+2*(3-4*(5-6^{\wedge}7)*8-9)$	20143387	G	$(1-2^{\wedge}3)^{\wedge}4*-5-6^{\wedge}7*-8*9$
17935488	G	$(1*2^{\wedge}(3+4)*(5^{\wedge}6-7*8))^*9$	20147985	G	$(1+(23^{\wedge}4-56/7)*8)^*9$
17937500	G	$(-1*2*(3+4)*5^{\wedge}6)^*(7-89)$	20148102	G	$((-1*2*3^{\wedge}4)*5+6^{\wedge}7*8)^*9$
17951121	G	$-1-2*((3+4)^{\wedge}5*6+7)^*-89$	20148642	G	$1+23^{\wedge}4*(5+6+7)+89$
17982720	G	$(-1*2^{\wedge}(3+4)*(5-6+7+8))^*9$	20152314	G	$(1+(2-345)+6^{\wedge}7*8)^*9$
17991864	G	$(-1*(2^{\wedge}(3+4)*(5^{\wedge}6+7+8)))^*9$	20152869	G	$-1-2-((3+4)*5-6^{\wedge}7)*8*9$
17992008	G	$(-1*2^{\wedge}(3+4)*(5^{\wedge}6+7+8))^*9$	20153445	G	$-1-2-(3*(4+5)-6^{\wedge}7)*8*9$
17998992	G	$(1*2^{\wedge}(3+4)*(5^{\wedge}6-7/8))^*9$	20154885	G	$-1-2+(3*-4+5+6^{\wedge}7)*8*9$
17999298	G	$(1*2^{\wedge}(3+4)*5^{\wedge}6-78)^*9$	20155659	G	$-1-23^{\wedge}4+(5+6^{\wedge}7)*8*9$
17999865	G	$(1*2^{\wedge}(3+4)*5^{\wedge}6-7-8)^*9$	20157045	G	$-1-2+(3+4*5+6^{\wedge}7)*8*9$
17999997	G	$-1-2-3*4/(5^{\wedge}-6/(-7-89))$	20159709	G	$-1-2+(3*4*-5-6^{\wedge}7)^*-8*9$
18000003	G	$1+2-3*4/(5^{\wedge}-6/(-7-89))$	20162682	G	$((1*2*3^{\wedge}4)*5+6^{\wedge}7*8)^*9$
18000135	G	$(1*2^{\wedge}(3+4)*5^{\wedge}6+7+8)^*9$	20225373	G	$-1-2+(3/4-5)*-6^{\wedge}7*(8+9)$
18000702	G	$(1*2^{\wedge}(3+4)*5^{\wedge}6+78)^*9$	20229333	G	$-1-2+(3+4^{\wedge}5+6^{\wedge}7)*8*9$
18001008	G	$(1*2^{\wedge}(3+4)*(5^{\wedge}6+7/8))^*9$	20239907	G	$-1-(23+4)^{\wedge}5+6*7^{\wedge}8+9$
18007992	G	$(1*2^{\wedge}(3+4)*(5^{\wedge}6+7)-8)^*9$	20249930	G	$-1+(2*3)^{\wedge}4*5^{\wedge}6-(78-9)$
18008136	G	$(1*2^{\wedge}(3+4)*(5^{\wedge}6+7)+8)^*9$	20250081	G	$-1+(2*3)^{\wedge}4*5^{\wedge}6-(7-89)$
18017280	G	$(1*2^{\wedge}(3+4)*(5^{\wedge}6+7+8))^*9$	20259054	G	$-1+(2*3)^{\wedge}4*(5^{\wedge}6+7)-(8+9)$
18064512	G	$(1*2^{\wedge}(3+4)*(5^{\wedge}6+7*8))^*9$	20312500	G	$(-1*(2+3)*4*5^{\wedge}6)^*(7-8*9)$
18089856	P	$(-1*2^{\wedge}(-3-4)*(5^{\wedge}6-78))^*9$	20403729	G	$-1-2+((3*4)^{\wedge}5+6)^*(7-89)$
18189713	P	$-((-1-23^{\wedge}4)*5*(6+7+8)-9)$	20404221	G	$-1-2+(3*4)^{\wedge}5-6^{\wedge}7*-8*9$
18205222	G	$(-1+234)*(5^{\wedge}(6-(7-8))+9)$	20404551	G	$-1+(2-(3*4)^{\wedge}5-6)^*(7-89)$
18283355	G	$-1+234*(5^{\wedge}(6-(7-8))+9)$	20404713	P	$-1-2+((3*4)^{\wedge}5+6)*-(7-89)$
18425159	G	$-1+(2+3^{\wedge}(4+5))*(6+7)*8*9$	20435336	G	$-1+(2^{\wedge}-3+(4+5))/6^{\wedge}-7*8+9$
18703053	P	$-((1*(-23+4)*5^{\wedge}6*(7+8))^*9$	20968999	G	$-1-(-2-3)*4^{\wedge}(5+6)-7*8*9$
18703197	G	$((1*(23-4)*5^{\wedge}6*(7+8))^*9$	20970730	G	$-1-(-2-3)/4^{\wedge}(-5-6)-789$
18755709	G	$-1-2+(3*4)^{\wedge}5*6/7/8*9$	20970924	G	$-1-(-2-3)*(4^{\wedge}(5+6)-7*(8+9))$
18756187	G	$-1*23^{\wedge}4*5+6^{\wedge}7*8*9$	20971472	P	$-(1-(2+3)*4^{\wedge}(5+6)+7*8)+9$
18888714	G	$-1-2+3*((4+5)^{\wedge}6+7^{\wedge}8)-9$	20971495	P	$-(1-(2+3)/4^{\wedge}(-5-6)+7+8)-9$
18982188	G	$(-1-2)*3^{\wedge}4*(-5^{\wedge}(6-(7-8))+9)$	20974039	G	$-1-(-2-3)*(4^{\wedge}(5+6)-7*-8*9)$
18984337	G	$1+(2-3^{\wedge}4/5^{\wedge}-6)^*(-7-8)-9$	20974974	G	$(-1*(-2+3^{\wedge}4)*(-5^{\wedge}6+7))^*(8+9)$
18984355	G	$1+(2-3^{\wedge}4/5^{\wedge}-6)^*(-7-8)+9$	20984256	P	$(-1*(2-3^{\wedge}4)*5^{\wedge}6-7)^*(8+9)$
19035299	G	$-1-(2^{\wedge}3+4*(5-6^{\wedge}7))*(8+9)$	20984494	G	$(-1*(2-3^{\wedge}4)*5^{\wedge}6+7)^*(8+9)$
19035356	G	$-1-2+(3-4*(5-6^{\wedge}7))*(8+9)$	20993776	G	$(-1*(2-3^{\wedge}4)*5^{\wedge}6+7))^*(8+9)$
19035659	G	$-1-2^{\wedge}3+4*(5+6^{\wedge}7*(8+9))$	20999991	G	$1*2*3*4*5^{\wedge}6*7*8-9$

21000000	G	$(1*(2+3^4)*5^6)*(7+89)$	23437530	P	$1+2-3^*- (4*5^{\wedge}(-6+7+8)+9)$
21095530	P	$-1+2*(3^{\wedge}-(-4*5+6)+7^{\wedge}8)-9$	23437557	G	$-1-(-2-3^4*4*(5+(6+7-8)^{\wedge}9))$
21374496	G	$(1*(23-4)*5^6-7)*8*9$	23437605	P	$-1-2-3^4*4*(5^{\wedge}(-6-7)+8)+9$
21375504	G	$(-1*(-23+4)*5^6+7)*8*9$	23437607	P	$1-2-3^*-4*(5^{\wedge}(-6-7)+8)+9$
21381358	G	$1*2*(34^{\wedge}(5+6-7)*8-9)$	23437609	P	$-1+2-3^4*4*(5^{\wedge}(-6-7)+8)+9$
21384576	G	$(1*(23-4)*(5^6+7))*8*9$	23437611	P	$1+2-3^*-4*(5^{\wedge}(-6-7)+8)+9$
21435889	G	$1+23^4*56+7^{\wedge}8-9$	23453125	G	$(1*(23-4)*5^6)*(7+8*9)$
21435906	G	$1*23^4*56+7^{\wedge}8+9$	23500000	G	$(1*2^3*4/5^{\wedge}-6)*(7*8-9)$
21435944	G	$((1+23^4)*56+7^{\wedge}8-9)$	23513933	G	$-1-2*((3-45)*(6^{\wedge}7-8)+9)$
21515489	G	$(1+-2-3^4/-5^{\wedge}-6-7)*(8+9)$	23514718	G	$-1-23^4+5/6^{\wedge}-7*(8+9)$
21515503	P	$-1-2+(3^4*-5^6+7)*-(8+9)$	23515099	G	$-1*23^4*5+6^{\wedge}7*89$
21515539	G	$-1+(-2-3^4*5^6+7)*(-8-9)$	23624928	P	$-((1*2^3*4*5^6)*-7+8)*9$
21515541	G	$1+(-2-3^4*5^6+7)*(-8-9)$	23625072	G	$((1*2^3*4*5^6)*7+8)*9$
21515711	G	$1+(-2+3^4*5^6+7)*(8+9)$	23631045	G	$-1-2-3*(-4-5^6)*7*8*9$
21515779	G	$1-(-2-3^4*-5^6+7)*(-8-9)$	23639037	G	$-1-2+(3^*-4)^5*((-6-7)*8+9)$
21618057	G	$-1-2-3/4*-5*(6+7^{\wedge}8+9)$	23779808	G	$-1+(2^{\wedge}-3+4)*(5-(6-7^{\wedge}8))+9$
21618061	G	$-1+2-3/4*-5*(6+7^{\wedge}8+9)$	23786486	G	$1+23^4*(-5-6+7+89)$
21647859	P	$-1-2+((3^*-4)^5+6)*-(78+9)$	23791806	G	$(-1*2^3*4+5/6^{\wedge}-7)*(8+9)$
21656250	G	$(-1*(-2-3/4)*5^6)*7*8*9$	23794353	G	$-1-(-2+(3^4-5*6^{\wedge}7)*(8+9))$
21823776	G	$(-1*2*(3^4-5^6))*78*9$	23794431	G	$-1-2^{\wedge}(3+4)+5*6^{\wedge}7*(8+9)$
21906209	G	$-1-2+(-3-4/5)*(6-7^{\wedge}8)-9$	23794721	G	$-1+2*3^4+5/6^{\wedge}-7*(8+9)$
21906275	G	$-1-(2+(3-4/5-6)*(7^{\wedge}8+9))$	23797314	G	$(1*2^3*4+5/6^{\wedge}-7)*(8+9)$
22036998	G	$(1*(-2-3^4)*(-5^6+7))*(8+9)$	23831738	G	$-1+(2^{\wedge}(-3-4)+5)*6^{\wedge}7*(8+9)$
22046756	G	$(-1*((-2-3^4)/5^{\wedge}-6+7))*(8+9)$	23887293	P	$-1-2+((3^*-4)^5+6)*-(7+89)$
22046994	G	$(-1*(-2-3^4)*5^6+7)*(8+9)$	24117040	G	$-1+23*(4^{\wedge}(5+6+7-8)-9)$
22051224	G	$(1*2*(3^4+5^6))*78*9$	24136429	G	$-1-((2/-34)^{\wedge}-5+67)*(8+9)$
22056752	G	$(-1*(-2-3^4)*5^6+7)*(8+9)$	24351040	G	$1+(23^4+56)*(78+9)$
22114627	G	$-1-(-2+3^4)*5-(6^{\wedge}7-8)-9$	24355128	G	$1*(2/3+4+5)*(6^{\wedge}7+8)*9$
22140082	G	$-1-2+((3^4)^{\wedge}5-67)*89$	24374991	G	$(1+23-4)/(5^{\wedge}-6/78)-9$
22320571	G	$1+2/3*((4+5)^6*7+8)*9$	24375000	G	$(-1*2^3*4*5^6)*(7-8*9)$
22339575	G	$(-1*2*(-3^{\wedge}-4+5))*-6^{\wedge}7*8-9$	24375009	G	$(1+23-4)/(5^{\wedge}-6/78)+9$
22339593	G	$(-1*2*(-3^{\wedge}-4+5))*-6^{\wedge}7*8+9$	24416639	G	$-1-(2*(3^4)+5-6^{\wedge}7*89)$
22387281	G	$1+23^4*(56+7+8+9)$	24528432	G	$(-1*2*(3^4-5^6))*789$
22393575	G	$(-1*2*(3^4-5^6*7))*8-9$	24609402	P	$-((-1-2+(-3-4)*5*(6-7))^{\wedge}8)*9$
22393593	G	$(-1*2*(3^4-5^6*7))*8+9$	24634365	G	$-1-2+(3^4)^5*(6*(7+8)+9)$
22396167	G	$(1*2*(3^4+5^6*7))*8-9$	24635182	G	$(-1+23)*(4*(5+6^{\wedge}7)+(8+9))$
22396185	G	$(1*2*(3^4+5^6*7))*8+9$	24665469	G	$-1-2+(-3^4)^5+6^{\wedge}7*89$
22450167	G	$(1*2*(3^{\wedge}-4+5))*6^{\wedge}7*8-9$	24680043	P	$-((1-23)^{\wedge}4+5+6^{\wedge}7*89)$
22450185	G	$(1*2*(3^{\wedge}-4+5))*6^{\wedge}7*8+9$	24680053	P	$-(1-23)^{\wedge}4+5+6^{\wedge}7*89$
22489920	G	$(1*(-2-3)*4*(-5^6+7))*8*9$	24687500	G	$(-1*(-2-3)*4*5^6)*7(7+8*9)$
22497480	G	$(1*(2+3)*4*5^6-7)*8*9$	24784068	G	$(1*2*(3^4+5^6))*789$
22499496	G	$(1*(2+3)*4/5^{\wedge}-6-7)*8*9$	24842214	G	$((-1*2^3*4)^5+6^{\wedge}7)*89$
22500504	G	$(-1*(-2-3)*4/5^{\wedge}-6+7)*8*9$	24893824	G	$(-1*2^{\wedge}(3^4))*5+6^{\wedge}7*89$
22502520	G	$(1*(-2-3)*4*(4*5^6+7))*-8*9$	24900776	G	$(1*2*(-3^4+5)+6^{\wedge}7)*89$
22510080	G	$(-1*(-2-3)*4*(5^6+7))*8*9$	24907823	G	$-1-((2*3)^{\wedge}4*5-6^{\wedge}7*89)$
22667032	G	$(1+2*34)^{\wedge}(5+6-7)-89$	24910653	G	$-1*(2^{\wedge}(3^4)+(-5-6^{\wedge}7)*89)$
22675058	G	$-1-(2+(3+4))*5-(6^{\wedge}7-8)*9$	24911229	G	$-1-2-3/4^{\wedge}-5+6^{\wedge}7*89$
22749999	G	$-1+234*5^6*7*8/9$	24913277	G	$(1-2)*(3+4^5-6^{\wedge}7*89)$
22780737	P	$(-1-2*3^4*5^6+7*8)*9$	24914147	G	$-1*2^3*4+5+6^{\wedge}7*89$
22780755	G	$(1+2*3^4*5^6-7*8)*9$	24914228	G	$(-1+2)*-3^4+5+6^{\wedge}7*89$
22781061	G	$(1+2*(3^4/5^{\wedge}-6-7)-8)*9$	24915113	G	$(1*2)^3+(4+(5+6^{\wedge}7))*89$
22781187	P	$(-1-2*(3^4/5^{\wedge}-6-7)-8)*9$	24915325	P	$(-1+2)*-3(-4+5-6^{\wedge}7*89)$
22781295	P	$(-1-2*(3^4*5^6+7)+8)*9$	24915594	G	$-1+(2*3)^{\wedge}4-(5-6^{\wedge}7*89)$
22781457	G	$(1+2*(3^4*5^6+7)+8)*9$	24927832	G	$(-1*2*(-3^4+5)+6^{\wedge}7)*89$
22781745	P	$(-1-2*3^4*5^6-7*8)*9$	24977583	P	$-1-2+(3-(4+5)^6)*-(7*8-9)$
23058983	G	$(-1*2)*3-4*(56-7^{\wedge}8)+9$	24986394	G	$1*(2*3^4*5+6^{\wedge}7)*89$
23059355	G	$1+2*-3-4*(-5*6-7^{\wedge}8-9)$	25131960	G	$((-1*2*(3^{\wedge}-4-5))*6^{\wedge}7-8)*9$
23059471	P	$1-2*-3-4*(-56+7^{\wedge}8+9)$	25132104	G	$((-1*2*(3^{\wedge}-4-5))*6^{\wedge}7+8)*9$
23062500	G	$(1-23+4)/(5^{\wedge}-6/(7-89))$	25161089	G	$-1+2*3*(4^{\wedge}(5+6)-789)$
23121661	P	$1-2^3-4*(-5^6+7^{\wedge}8-9)$	25162799	G	$-1+2*3*(4^{\wedge}(5+6)-7*8*9)$
23227715	G	$-1-(-2-3^4)*5+6^{\wedge}7-89$	25163133	G	$-1-(2-(3^4)^5-6^{\wedge}7*89)$
23235019	G	$-1-(-2-3^4)*5+6^{\wedge}7+8-9$	25165013	G	$-1+2*3*(4^{\wedge}(5+6)+(-7-8)*9)$
23437389	P	$-1-2-3^4*(-5^{\wedge}(-6-7)+8)+9$	25165247	G	$-1+2*3*((4^{\wedge}(5+6)-7)-89)$
23437391	P	$1-2-3^4*(-5^{\wedge}(-6-7)+8)+9$	25165301	G	$-1+2*3*((4^{\wedge}(5+6)-78)-9)$
23437393	P	$-1+2-3^4*(-5^{\wedge}(-6-7)+8)+9$	25165337	P	$-1+2*(3*(4^{\wedge}(-5-6)-78)-9)$
23437395	P	$1+2-3^4*(-5^{\wedge}(-6-7)+8)+9$	25165603	P	$-1+2*(3*(4^{\wedge}(-5-6)-7)-89)$
23437470	G	$-1-2-3*(-4*5^{\wedge}(-6+7+8)+9)$	25165680	G	$(1*2*3)*(4^{\wedge}(5+6)-7-8-9)$
23437472	G	$1-2-3*(-4*5^{\wedge}(-6+7+8)+9)$	25165734	G	$1*2/3*(4^{\wedge}(5+6)-7-8)*9$
23437474	G	$-1+2-3*(-4*5^{\wedge}(-6+7+8)+9)$	25165850	G	$1-2*-3*(4^{\wedge}(5+6)+7)-(8+9)$
23437526	P	$1-2-3*(-4*5^{\wedge}(-6+7+8)+9)$	25165874	P	$1-2*(-3*(4^{\wedge}(-5-6)+7)-8)-9$

25166273	G	$-1+2*(3*(4^(5+6)+78)-9)$	28031167	G	$(-1*23)*(4-5^6*78)+9$
25166297	G	$-1+2*3*(4^(5+6)+7+8^9)$	28031333	G	$(1*23)*(4+5^6*78)-9$
25166633	G	$-1+2*3*(4^(5+6)-(7-8)^9)$	28031351	G	$(1*23)*(4+5^6*78)+9$
25187534	G	$-1*(2-(3*4^5+6^7))^*89$	28038416	G	$-1-(23*(-4-5^6)^*78+9)$
25192062	G	$(-1*2*(3^4-5*(6^7-8)))^*9$	28336230	G	$(1*2*3^4)^*5*(6^7/8-9)$
25192854	G	$(-1*2*(3^4-5*6^7)+8)^*9$	28342062	G	$(1*2*3^4)^*(5*6^7/8-9)$
25192926	G	$(-1*2*(3^4-(5*6^7+8)))^*9$	28343511	G	$(1*2*3^4)^*5*6^7/8-9$
25194437	G	$-1+(2*(3+4+5*6^7)+8)^*9$	28343529	G	$(1*2*3^4)^*5*(6^7/8+9)$
25195554	G	$(1*2*(3^4-(5*6^7+8)))^*9$	28344978	G	$(1*2*3^4)^*(5*6^7/8+9)$
25195626	G	$(1*2*(3^4+5*6^7)-8)^*9$	28350810	G	$(-1*2*3^4)^*5*(-6^7/8-9)$
25195775	G	$-1+2*(3+4+5*(6^7+8+9))^*9$	28366845	G	$-1-2+(3*-4)^5*(-6^7-8^9)$
25196418	G	$(1*2*(3^4+5*(6^7+8)))^*9$	28398240	G	$-1+(2*34+5)^(-6-7+8+9)$
25256376	P	$-((1*2*(-3^4-4-5))^*6^7+8)^*9$	28500000	G	$(1*(23-4)^5*6)^*(7+89)$
25256520	G	$((-1*2*(-3^4-4-5))^*6^7+8)^*9$	28543783	G	$1+23^4/5*(6-7*8^9)$
25380742	G	$-1-(2+((3^4)^5*-6+7)^*(8+9))$	28544148	G	$-1-23^4-5*(-6-7^8+9)$
25411968	G	$1*2*(3^4)^5+6^7*89$	28544238	G	$-1-(23^4-5*(-6+7^8+9))$
25753628	G	$-1-23*(4*(5-6^7)-8+9)$	28553469	G	$-1-2-(3-4*5)^*6^7(7-(8-9))$
25815598	G	$-1+((2*(3+4))^5*6+7)^*8-9$	28697907	G	$-1+2*(3^(4+5+6)+7^*8-9)$
25837053	G	$-1-2+(3^4)^5/6^7*89$	28819887	G	$-1-2^*(3^4)^5*(6-7^8)+9$
25864236	G	$1*2*(4+(5^6-7)^*8)^*9$	28819930	P	$-((1*2^3)^4-5*(6+7^8))-9$
25887420	G	$1*2*(4+(5^6+7)^*8)^*9$	28819947	P	$-1-2^*(3^4)^5*(6+7^8)+9$
25919999	G	$-1+2*(3^4*5)^(-6-(7-(8+9)))$	28822609	G	$-1-(-2-3)^*(-45*6+7^8-9)$
25941561	G	$-1-2-(3-45/6)^*(7^8-9)$	28822783	G	$-1-((2*3)^4-5*(6+7^8+9))$
25982881	G	$-1-2-3*4*((-5-6)^7+8)/9$	28822839	G	$-1-(-2-3)^*(-4*56+7^8-9)$
26031250	G	$(1*(2+3^4)^5*6)^*7*(8+9)$	28823455	G	$-1*(2+3)^4+5*(6+7^8+9)$
26200251	P	$-1-2^*(3+4*5)^6*(7^8+9)$	28823775	G	$-1+((-2-3)^*(-4*(-5-6)-7^8))-9$
26250000	G	$(1*(2/-3+4)^5*6)^*(7*8^9)$	28824223	P	$-1+234-5*(-6+7^8+9)$
26353399	G	$-1+2*((3+(4*5-6)^7/8)+9)$	28828079	G	$-1+2^*(3^4)^5-5*(6-7^8)+9$
26433712	G	$(1*(-23+4)^*(-5^6-7))^*89$	28828139	P	$-1+2^*(3^4)^5*(6+7^8)+9$
26437500	G	$(1*(2+34)^5*6)^*(7*8-9)$	29103830	G	$-1+23^4-5*(-6-7^8+9)$
26562508	G	$-1+2*34*(5*(-6+7))^8+9$	29109375	G	$(1*(23+4)^5*6)^*(78-9)$
26562517	G	$-1+2*(34/(5*(6-7)))^8+9$	29113341	G	$-1-2+(3^4)^5/6^7*89$
26593596	G	$-1-(-23+4)^*(5*6^7-8-9)$	29163520	G	$(1*2+3)/4^5(5-6-7)^*89$
26626128	G	$-1*(2*3^4)^5-6*(-7^8+9)$	29195646	G	$-1-2-3*(4-5^6)^*7*89$
26690138	G	$-1+2*3^4(4+5)^*678-9$	29249946	G	$(1*2*3)^*(4/(5^6-6/78))-9$
26717385	G	$(-1*2/3^4*(5+6)+7^8)^*9$	29249982	G	$1*2*(3^4/(5^6-6/78))-9$
26873685	G	$-1-2-3*4*(5-6^7*8+9)$	29249999	G	$-1+2/3^4*5^6*7*8^9$
26876472	G	$(-1-23)^*(-4*(5+6^7)-89)$	29250018	G	$1*2*(3^4/(5^6-6/78)+9)$
26911743	G	$-1+(2-34)^5+6^7(-7+8+9)$	29250054	G	$(1*2*3)^*(4/(5^6-6/78)+9)$
26987904	G	$-1+2*3*-4*((-5^6+7))^*8^9$	29296761	P	$(1-(2+3)^4(4+5+6))^*(-7+8)-9$
26996976	G	$(1*2*3*(-4*5^6+7))^*-8^9$	29360053	G	$(1-2+3+4^5(5+6))^*7-89$
26998992	G	$(1*2*(3^4*-5^6+7))^*-8^9$	29360265	G	$(-1+23+4^5(5+6))^*7-8-9$
26999496	G	$(1*2*3*4*-5^6+7)^*-8^9$	29360283	G	$(-1+23+4^5(5+6))^*7-8+9$
27000504	G	$(1*2*3*4*5^6+7)^*8^9$	29531250	G	$(1*(2+3*4)^5*6)^*(7+8)^*9$
27001008	G	$(1*2*(3^4*5^6+7))^*8^9$	29625000	G	$(1*2*3*4*5^6)^*(7+8^9)$
27003024	G	$(1*2*3*(4*5^6+7))^*8^9$	29749990	G	$1-2+34*5^6*7*8-9$
27012096	G	$(1*2*3*4*(5^6+7))^*8^9$	29749992	G	$-1-(2-34*5^6*7)^*8+9$
27083879	G	$-1+((23/4+5)^*6^7+8)^*9$	29760516	G	$-1-2+(3-(4+5)^6)^*7*-8-9$
27103369	G	$-1-(2-(3*(4+5)^6-7))^*(8+9))$	29760852	G	$-1-2+((3+(4+5)^6)^*7*8-9)$
27103845	G	$-1-(2-3*((4+5)^6+7))^*(8+9))$	29877286	G	$-1*(2-3*(4^5(5+6)+7^8-9))$
27343625	G	$1-(2-3^4)^*(5^6(-6+7+8)-9)$	29877321	G	$-1-2+3*(4^5(5+6)+7^8+9)$
27343877	G	$1+(2+3^4)^*(5^6(-6+7+8)+9)$	29877341	G	$1-2+3*(4^5(5+6)+7^8+9)$
27363741	G	$-1-2+(3/4+5)^*6^7*(8+9)$	29976988	G	$-1-(23+(4/5-6)^*(7^8+9))$
27421875	G	$(-1*(23+4)^5*6)^*(7-8^9)$	30222829	G	$1-23^4*(5+6-7*(8+9))$
27424419	G	$1+23^4*(5+6+7+8+9)$	30233220	G	$-1-(2-3*(45-(6/(7-8))^9))$
27647999	G	$-1+2*(3/4*5)^6-6*(7+8)^9$	30233949	G	$-1-2+(3+(4+5))^*(6^7+8)^9$
27671043	G	$-1-2^3-4/5*(-6*7^8-9)$	30265206	G	$-1-(2-3/4*(5+(6-7+8)^9))$
27671074	G	$-1+23-4/5*(-6*7^8-9)$	30361392	G	$(1*(-23-4)^*(-5^6+7))^*8^9$
27671082	P	$-1-(2+3)-4/5*(6*(-7^8+9))$	30374496	G	$(1*(23+4)^5*6)^*8^9$
27671090	P	$1-2+3-4/5*(6*(-7^8+9))$	30375504	G	$(-1*(-23-4)^5*6+7)^*8^9$
27671094	P	$1+2+3-4/5*(6*(-7^8+9))$	30388608	G	$(1*(23+4)^5*(5^6+7))^*8^9$
27800040	G	$(1*(-2-3)^4*(-5^6+7))^*89$	30515625	G	$(1*(-2^2-3+4)^5*6)^*7*8^9$
27807745	G	$1+2^(3+4+5)^*6789$	30750000	G	$(-1*2*3*4/5^6)^*(7-89)$
27809385	G	$(1*(2+3)^*(4*5^6-7))^*89$	31125000	G	$(-1*(-2-3^4)^5*6)^*(7+8+9)$
27815615	G	$(-1*(-2-3)^*(4*5^6+7))^*89$	31498485	G	$-1-2+(3-4/5^6)^*7*-8^9$
27824960	G	$(-1*(-2-3)^4*(5^6+7))^*89$	31499640	G	$(1*2+3-4*5^6*7)^*-8^9$
27984101	G	$1+23^4*(5-(-6-7)^*8-9)$	31499665	G	$1-(2/3-4*5^6)^*(7*8^9)$
27999991	G	$(1*2^3*4*5^6)^*7*8-9$	31499856	G	$(1-2+3-4*5^6*7)^*-8^9$
28000009	G	$(1*2^3*4*5^6)^*7*8+9$	31499991	G	$(1*(2+34)^5*6)^*7*8-9$
28031149	G	$(-1*23)*(4-5^6*78)-9$	31500144	G	$(1-2+3-4*-5^6*7)^*8^9$

31500360	G	$(1^*2+3-4^*-5^*6^*7)^*8^*9$	34585734	G	$-1-(2+3)^{4^*5+6^*}(7^*8+9)$
31639893	P	$-1-2+3^4-(-5^*(6-7))^{8+9}$	34585741	G	$-1^*2-3^*4^5+6^*7^8+9$
31640623	G	$-1^*2+3^4*5^*((-6+78)/9)$	34585785	G	$-1-(2+3/4^4-5-6^*(7^8+9))$
31640627	G	$1^*2+3^4/5^*((6-7)^{8-9})$	34586514	G	$-1-2345-6^*(7^8-9)$
32192616	G	$-1+23^*(4+5^*(6^7+(8-9)))$	34587239	G	$-1+2^*-3^*(45^*6-(7^8+9))$
32192754	G	$-1+23^*((4+5/6^4-7-8)+9)$	34587451	G	$-1^*(2^*3)^{4^4-5-6^*(7^8+9)}$
32194686	G	$-1+23^*(4+5^*(6^7+(8+9)))$	34587524	G	$-1^*(2^*3)^{4^4+5-6^*-7^8+9}$
32484375	G	$(1^*(2^4-3+4)^*5^*6)^*7^*8^*9$	34587568	G	$-1-(2^*3)^{4^4+5-6^*(7^8-9)}$
32721672	G	$1+(2+(3^*4)^5)/(6/789)$	34587704	G	$-1-23-4^5-6^*(7^8+9)$
32897823	G	$-1-2-3^*(4-5^6)^*78^*9$	34587749	G	$-1-23-4^5+6^*7^8-9$
33311786	G	$-1-(2+(3+4)^*(5-6^7)^*(8+9))$	34587942	G	$(-1^*2^*3^4)^*5+6^*(7^8-9)$
33312416	G	$-1-2+(3+4)^*(5+6^7*(8+9))$	34587982	G	$(-1+2^*-3^4)^*5-6^*-7^8-9$
33312500	G	$(1-23-4)/(5^4-6/(7-89))$	34588005	G	$(-1^*2^*3^4)^*5+(6^*7^8+9)$
33328125	G	$(1^*(23+4)^*5^6)^*(7+8^*9)$	34588010	G	$((1-2^*3^4)^*5+6^*7^8+9)$
33343398	G	$-1+2^*(3^4)^5*67-89$	34588050	G	$(-1^*2^*3^4)^*5-6^*(7^8-9)$
33360048	G	$(1^*2^*3^4)^*(5^6-7)^*89$	34588068	G	$1^*2^*(-3^*(4^5+6^*7^8)-9)$
33371262	G	$(-1^*2^*3^*(4/5^4-6+7))^*89$	34588086	G	$1^*2/3^*(4^5*5^*-6+7^8)^*9$
33373754	G	$(-1^*2^*(3^4/5^4-6+7))^*89$	34588229	G	$-1-(2+3)^{4^4-5-6^*(7^8+9)}$
33374377	G	$(-1^*2^*3^4*5^4-6^7-7)^*89$	34588380	P	$(-1-23)^*4^5-6^*(7^8+9)$
33375623	G	$(-1^*2^*3^4/5^4-6+7)^*89$	34588399	G	$-1-(23^4*5^4-6^*(7^8+9))$
33376246	G	$(1^*2^*(3^4/5^4-6+7))^*89$	34588503	G	$1^*2^*3^*(4-(56-7^8))^+9$
33378738	G	$(1^*2^*3^*(4/5^4-6+7))^*89$	34588519	G	$-1-(2^*34^5-6^*(7^8+9))$
33382367	G	$-1-(2^4-3-4^5)^*6^7(7-8-9)$	34588536	G	$-1^*2^*3^*(4+5)^*6-7^8-9$
33389952	G	$(1^*2^*3^*4^*(5^6-7))^*89$	34588579	G	$-1-(2+34^5-6^*(7^8-9))$
33480724	G	$-1+((-2-3^4(4^5-6))^*-7-8^*9)$	34588586	G	$-1^*234+5+6^*7^8+9$
33480781	G	$1+(-2-3^4(4^5-6))^*-7-8-9$	34588589	G	$-1-(2^*34^5-6^*(7^8+9))$
33480797	G	$1+((2+3^4(4^5-6))^*7+8)-9$	34588634	P	$-(1+(2+34)^*5-6^*7^8)+9$
33480799	G	$1-2+3^4(4^5-6)^*7+8+9$	34588640	G	$-1^*2^*3^4+5+6^*7^8-9$
33480815	G	$1+(-2-3^4(4^5-6))^*-7-(-8-9)$	34588676	G	$-1-2^*3^4*5+6^*7^8-9$
33480853	G	$-1+2-3+((4+5)^6*7+8)^*9$	34589192	G	$(-1^*2+3^4)^*5-6^*-7^8-9$
33480857	G	$1-2+3+((4+5)^6*7+8)^*9$	34589441	G	$-1+2^*345-6^*(7^8+9)$
33480871	G	$1-2+3^4(4^5-6)^*7+89$	34589479	G	$-1+(2+3)^{4^4-5-6^*(7^8+9)}$
33480885	G	$1+2-(-3-(4+5)^6*7-8)^*9$	34589562	G	$(1^*2^*3^4)^*5+6^*(7^8-9)$
33548119	G	$-1+2^3*4^4(5+6)-789$	34589670	G	$(1^*2^*3^4)^*5-6^*(7^8-9)$
33553717	G	$-1+(2^3*4^4)^5-6^*7^*(8+9)$	34589752	G	$-1-23+4^5-6^*(7^8+9)$
33554807	G	$-1+2^3*4^4(5+6)+(7^8-9)$	34589786	G	$-1+23^4*5-6^*(7^8+9)$
33560743	G	$-1+2^3*4^4(5+6)+789$	34589797	G	$-1-23+4^5+6^*7^8-9$
33592278	G	$-1-2-3^*(4-5/6^4-7^8+9)$	34589824	G	$(-1+2)^*(3+4^5-6^*-7^8-9)$
33592404	G	$(1+2+3^4)^*(5+6^7*8)+9$	34589921	G	$-1+234^5-6^*(7^8+9)$
33592466	G	$1-2+3^*(4+5^*(6^7*8+9))$	34590167	G	$-1+2^*(3^*(4^5-6^*(7^8+9))+9)$
33593133	G	$1+2-((3^4)^5+6)^*(7-8)^*9$	34590443	G	$-1+2^*(-3^*(4^5*6-7^8)+9)$
33984768	G	$(-1^*2^4(3+4)^*(5^6+7))^*(8+9)$	34591141	G	$-1+2345+6^*7^8-9$
33999881	G	$(1^*2^4(3+4)^*5^6-7)^*(8+9)$	34591159	G	$-1+2345+6^*7^8+9$
34000119	G	$(1^*2^4(3+4)^*5^6+7)^*(8+9)$	34591204	G	$-1+2345-6^*(7^8-9)$
34012207	G	$(1-23+4)^5(5-6+7)-8-9$	34591929	G	$-1-(2-3/4^4-5-6^*(7^8+9))$
34012241	G	$(1-23+4)^5(5-6+7)+8+9$	34592843	G	$1^*2^4(3^4)^5-6^*(7^8+9)$
34015232	G	$(1^*2^4(3+4)^*(5^6+7))^*(8+9)$	34592847	G	$-1+2^4(3+4+5)+6^*(7^8-9)$
34213806	G	$(-1^*2/3^*(4^5*5^6-7^8))^*9$	34592951	G	$1^*2^4(3^4)^4-(5-6^*(7^8+9))$
34309014	G	$-1^*23^4-5-6^*(7^8-9)$	34608540	G	$-1-2+(3^4(4+5)+6^*(7^8+9))$
34354536	P	$-((1-23)^{4+5-6/7^8-8})-9$	34628117	G	$-1+2/3^4(-4-5)-6^*(7^8+9)$
34354546	P	$-(1-23)^{4+5-6/7^8-8}-9$	34744733	G	$-1-2+34^5*(6+7)/(8+9)$
34354554	P	$-((1-23)^{4+5-6/7^8-8})+9$	34837581	G	$-1-2+(3^4)^5+6^*(7^8-9)$
34421180	G	$-1+(2^4(3+4)-5)^*(6^7-89)$	34837689	G	$-1-(2-(3^4)^5-6^*(7^8+9))$
34431134	P	$-(1-(2^4(3+4)-5)^*(6^7-8))^*-9$	35155638	G	$(-1^*2)^*(34-5^4(-6+7+8))^*9$
34457787	G	$-1-(2^4(3^4+5)-6^*(7^8+9))$	35156183	G	$1-2^*(34-5^4(-6+7+8))^*9$
34531249	G	$1-2-34^5*6^*(7-8^*9)$	35156237	G	$1-2^*(3+4-5^4(-6+7+8))^*9$
34531251	G	$-1+2+34^5*6^*(7^8+9)$	35156265	G	$1+2^*(3+4+5^4(-6+7+8))^*9$
34543641	G	$-1-23+(4+5)^6*(7^8+9)$	35156319	G	$1+2^*(34+5^4(-6+7+8))^*9$
34543687	G	$-1+23+(4+5)^6*(7^8+9)$	35156862	G	$(1^*2)^*(34+5^4(-6+7+8))^*9$
34555137	G	$-1-2/(3+4)^5-5+6^*(7^8-9)$	35328125	G	$(1^*(23-4)^*5^6)^*7^*(8+9)$
34555182	G	$-1-(2^*(3+4)^5-6^*7^8+9)$	35431219	G	$-1+(2+3)^*4^*(5+6)^7(7+8-9)$
34556055	P	$-(1+2^3)^{4^4*5-6^*(7^8-9)}$	35437428	P	$-((1^*(2-34)^*5^6)^*7+8)^*9$
34568272	P	$-(1^*2^3)^{4^4*5-6^*(7^8+9)}$	35437572	G	$((1^*(2+34)^*5^6)^*7+8)^*9$
34571942	G	$-1-2+(-3-4)^5-6^*(7^8+9)$	35717640	G	$-1-(2+(3-4^5)^*(6^7/8-9))$
34572050	G	$-1-2-((3+4)^5-6^*(7^8+9))$	35717642	G	$1-2-(3-4^5)^*(6^7/8-9)$
34576855	P	$-(1-2^3)^{4^4*5-6^*(7^8-9)}$	35830134	G	$-1-(2^4(3+4)^*(5-6^7+8)+9)$
34582318	G	$1-(2^3)^{4^4*5-6/7^8-8-9}$	35831679	G	$-1+2^4-3^4*5^*(6^7+8-9)$
34584655	G	$-1-2^4(3+4+5)+6^*(7^8-9)$	35841018	G	$-1-(2+3-4^5)^*(6^7/8+9)$
34584759	G	$-1^*2^4(3^4)-(5-6^*(7^8+9))$	35936774	G	$1-2+((3+4^5)^*6^7/8-9)$
34585626	G	$-1-(-2-3)^4*5-6^*(7^8+9)$	35937508	G	$-1+23^4*(5^*(6+7))^8+9$

35937706	G	$-1+23*(4/(5*(6-7)))^{8+9}$	40352981	P	$-(1+(2+3)^4)+((5-6)^{7+8})^9$
35946024	G	$-1-(2-(3+4^5))*(6^7/8+9)$	40353203	G	$-1+(-2+(-3-4)*(56-7^8))^{-9}$
35946026	G	$1-2+(3+4^5)*(6^7/8+9)$	40353372	G	$-1-234+((5-6)^{7+8})^9$
35983872	G	$(-1*2^3*4*(-5^6+7))^8*9$	40353786	P	$-(1-(2+34)^5)+(6-(7-8))^9$
35988025	G	$((1+23^4)^5+6^7*8+9)$	40353831	P	$-(1-(2+3)^4*5)+(6-(7-8))^9$
35988065	G	$1^*23^4*5+6*(7^8+9)$	40353840	G	$-1+234+((5-6)^{7+8})^9$
35995968	G	$(1*2^3*(4*5^6-7))^8*9$	40354059	P	$-1-2+(-3-4)^*- (56-(7^8-9))$
36004032	G	$(1*2^3*(4*5^6+7))^8*9$	40354897	G	$-1+(2^3)^4-(5-(6-7+8))^9$
36016128	G	$(1*2^3*4*(5^6+7))^8*9$	40386981	G	$-1-2+(34^5-67)^8/9$
36478428	G	$(-1+23-4)^5+6*(7^8+9)$	40462916	G	$-1-2+(3+4)*((5^6+7^8)-9)$
36669219	G	$-1-(2+(3-(4+5)^6)*(78-9))$	40462988	G	$-1-2+(3+4)*(5^6+7^8)+9$
37185434	P	$-(1+2*(-3/4^4(-5-6)-7^8))^9$	40463042	G	$-1-2+(3+4)*(5^6+7^8+9)$
36750000	G	$(1*(2/3+4)^5*6^7)^8*9$	40481856	G	$(1*(-2-34)^*(-5^6+7))^8*9$
36781872	G	$-1+((2-3)-4)^*(5+6)^7+8^9$	40499496	G	$(1*(2+34)^5*6^7)^8*9$
36974904	G	$-1-(2+3*(4-5^6)*789)$	40500504	G	$(-1*(-2-34)^5*6^7)^8*9$
37187500	G	$(1*(-2-3)^4*5^6*7)^8*(8+9)$	40518144	G	$(1*(2+34)^*(5^6+7))^8*9$
37231398	G	$-1-(2-3^4*5)^6*7-89$	40602436	G	$-1-2+(3^4)^5+(6-7+8)^9$
37243324	G	$-1-(-2+3^4*5)^*(-6^7-89)$	40773834	G	$(-1*((-2+3^4)^5*6^7-89))^9$
37471262	G	$-1-2+(-34-5)/6^*(-7^8-9)$	41000000	G	$(-1*2^3*4*5^6)^*(7-89)$
37530054	G	$(1*(23+4)^*(5^6-7))^8*9$	41093750	G	$(-1*(2/3-4)^5/6^7)^8*9$
37534299	G	$-1-2-(3*(4+5)^6-7^8)^9$	41401687	G	$-1-(2-3^4)/((5+6)/(7^8-9))$
37563696	G	$(1*(-23-4)^*(-5^6-7))^8*9$	41437490	G	$1-2+34^5*6^7-89$
37748394	G	$(-1*(23-4^4(5+6)+7)-8)^9$	41452152	G	$-1-2-(3-(4+5)^6)^7*8-9$
37777452	G	$1^*2^3*((4+5)^6+7^8)^9$	41452620	G	$-1-2+(3+(4+5)^6)^7*8-9$
37777469	G	$-1+2*(3^4((4+5)^6+7^8)+9)$	41943007	G	$-1-2+(3-4^4(5+6))^*(7-(8+9))$
37792412	G	$1-2+3*(45*(6^7+8)-9)$	41943069	G	$1-2-(3+4^4(5+6))^*(7-(8+9))$
37803372	G	$-1-2-3^4*5^6*(-6^7-89)$	41943119	G	$-1-(2^3+4^4(5+6))^*(7-8-9)$
38263029	G	$-1-2+(3-(4+5)^6+7)^8*9$	41949812	P	$-(1+(-2+3^4)^5+6^7)^8+9$
38263721	G	$1*(2+3^4(4*5-6)-7)^8+9$	42275203	G	$-1+2/3*(4-((-5-6)/7^8-8+9))$
38263798	G	$1-2+(3^4(4*5-6)+7)^8*9$	42513093	G	$(-1-2)^3*3^4*5^6*7/8+9$
38351303	G	$-1-(-2-3^4*5)/6^7-8+9$	42536744	G	$(-1*2*(-3^4+5))^*(6^7-89)$
38351322	G	$1-(-2-3^4*5)/6^7-7+89$	42539328	G	$(-1*2*(-3^4+5))^*(6^7-8*9)$
38353560	G	$-1+(2+3^4*5)^*(6^7+8+9)$	42547688	G	$(-1*2*(-3^4+5))^*(6^7-(8+9))$
38630707	G	$-1-23*(4*5-6^7(7-(8-9)))$	42549047	P	$(-1*2*(-3^4+5))^*(-6^7+8)-9$
38631158	G	$-1+23*((4-5)^6*7-8-9)$	42549065	P	$(-1*2*(-3^4+5))^*(-6^7+8)+9$
38632202	G	$-1+23*(45+6^7(7-(8-9)))$	42549520	G	$-1-(-23+4)^*(5+6^7)^8+9$
38654719	G	$-1+23*(4^5+6^7(7-(8-9)))$	42550120	G	$(-1*2*(-3^4+5))^*(6^7+8-9)$
38781717	G	$(1+2^3*4^5*6^7)^8*9$	42550183	G	$(1*2*(3^4-5))^6*7-89$
38937055	P	$-(1*2+3-4*5^6*7)^8*9$	42550200	G	$(-1*2*(-3^4+5))/6^7-7-8*9$
38937322	P	$(-1-2+3-4*5^6*7)^8*9$	42550344	G	$(-1*2*(-3^4+5))/6^7-7+8*9$
38937678	G	$(1-2+3-4*5^6*7)^8*9$	42550361	G	$(1*2*(3^4-5))^6*7+89$
38937945	G	$(1*2+3-4*5^6*7)^8*9$	42550424	G	$(-1*2*(-3^4+5))^*(6^7-(8-9))$
38950063	G	$-1+(2-3^4)^5(5+6-7)-8-9$	42550537	G	$-1+(23-4)^*(5+(6^7*8+9))$
38950065	G	$1+(2-3^4)^5(5+6-7)-8-9$	42551479	G	$(-1*2*(-3^4+5))^*(6^7+8)-9$
38950079	G	$-1+(2-3^4)^5(5+6-7)+8-9$	42551497	G	$(-1*2*(-3^4+5))^*(6^7+8)+9$
38950097	G	$-1+(2-3^4)^5(5+6-7)+8+9$	42552856	G	$(-1*2*(-3^4+5))^*(6^7+8+9)$
38950099	G	$1+(2-3^4)^5(5+6-7)+8+9$	42561216	G	$(-1*2*(-3^4+5))^*(6^7+8*9)$
38954402	G	$-1*23^4*5+(6-7+8)^9$	42563800	G	$(1*2*(-3^4+5))^*(-6^7-89)$
38974292	G	$1-2*(34+(-5-6)^7)+8+9$	42666589	P	$-1+2/-3*(-(4*5)^6+7)-8*9$
38974314	G	$-1+(2*(3-4+(5+6)^7-8)-9)$	42666644	P	$-1-(2/3*(-(4*5)^6+7)+8)-9$
39200594	G	$-1-(2-34/-5*(6-7^8+9))$	42666733	P	$-1+2/-3*(-(4*5)^6+7)+8*9$
39200684	G	$-1-(23-(4/5+6)*(7^8+9))$	42815674	G	$1-23^4*((-5-(6+7))^8-9)$
40078125	G	$(1*(23-4)^5*6^7)^8*(7+8)^9$	42828981	G	$-1-2+(3^4+5)^*(6^7-8)^9$
40104772	G	$-1-2-(3^4)^5+(6-7+8)^9$	42968671	G	$(1-23)^*(4-5^6(-6+7+8))+9$
40211334	P	$(-1*(-2-3^4)^5*6^7-8)^9$	42977467	P	$-1+2^4(3+4^5)-6^7-(7^8+9)$
40244238	G	$-1-2+(-3-4)^*(5^6-7^8)+9$	43046874	G	$1*(2+(3^4(4^5-6)+7+8))^9$
40297105	G	$1+23^4*(5+6+7+8)^9$	43346812	G	$-1-2*34^5-67+8^9$
40298400	G	$(1*2*(3^4+5-6^7))^8*9$	43578138	G	$-1-(23+(4+5)^6*(7-89))$
40299840	G	$(-1*2*(3^4-(5+6^7)))^8*9$	43578405	G	$-1-(2+(3+(4+5)^6)^*(7-89))$
40305023	G	$-1-2^4(3+4)^*(5-6^7/8)^9$	43655197	G	$1-23^4*((-5-6)^*(7+8)+9)$
40308606	G	$(1*2*(3^4+(-5+6^7)^*-8))^9$	43874973	G	$(1-2)^*(3-4/(5^6-6/78))^9$
40309416	G	$(-1*2*(3^4-(5+6^7*8)))^9$	43874977	G	$-1*23+4/(5^6-6/78)^9$
40312152	G	$(1*2*(3^4-(5-6^7*8)))^9$	43874991	G	$(1*(2+34)/5^6-6)^7*8-9$
40312962	G	$(1*2*(3^4+(5+6^7)^8))^9$	43875022	G	$-1+23+4/(5^6-6/78)^9$
40321728	G	$(1*2*(3^4-(5-6^7)))^8*9$	43938648	G	$((-1*2)^3*3^4+5)^*(-6^7-8*9)$
40323168	G	$(1*2*(3^4+5+6^7))^8*9$	43947283	G	$(1*2*3^4-5)^*(6^7-8-9)$
40341602	G	$(1+2^3)^4*5+(6-(7-8))^9$	43948687	G	$(1*(2*3^4-5))^*(6^7-8)-9$
40347041	P	$((1+2^3)^4+5)+(6-7+8)^9$	43948705	G	$(1*(2*3^4-5))^*(6^7-8)+9$
40347051	P	$-(1+2^3)^4+5+(6-7+8)^9$	43949795	G	$(1*2/3^4-4-5)^*(6^7+8-9)$
40348486	P	$-((1+(2+3)^4)^5)+(6-(7-8))^9$	43949935	P	$-((-1*2*-3^4-5)^6*7+8)-9$

43949969	G	$(-1*2*-3^4-5)*6^7+8+9$	47458337	G	$-1+(2+3^4)^(5+6-7)+8+9$
43950024	G	$(-1*2/-3^4-5)*6^7+8+9$	47458339	G	$1+(2+3^4)^(5+6-7)+8+9$
43950109	G	$(1*(2/3^4-5))*6^7+8+9$	47471616	G	$(1*2*(-3^4-5))*6^7*(8+9)$
43951199	G	$(1*2*3^4-5)*6^7+8-9$	47495807	G	$-1-(2*3-4^5)*6^7(7+8-9)$
43951217	G	$(1*2*3^4-5)*(6^7+8)+9$	47586366	G	$(-1*2*(3^4-5*6^7))*(8+9)$
43952621	G	$(1*2/3^4-5)*(6^7+(8+9))$	47589695	G	$-1-2+34*(5*6^7+8+9)$
43961256	G	$((-1*2)*3^4+5)*(-6^7+8*-9)$	47590173	G	$1-2+34*(5*(6^7+8)-9)$
44437500	G	$(1*(2+34)*5^6)*(7+8*9)$	47591874	G	$(1*2*(3^4+5*6^7))*(7+8-9)$
44480064	G	$(-1*(2-34)*(5^6-7))*89$	47604247	G	$-1-2-34*5*(-6^7-89)$
44495016	G	$(1*2^3*(4*5^6-7))*89$	47706624	G	$(1*2*(3^4-4*5))*6^7*(8+9)$
44504984	G	$(1*2^3*(4/5^6-7))*89$	47744639	G	$-1-(2/3-4^5)*6^7(7+8-9)$
44519936	G	$(1*2^3*4*(5^6+7))*89$	47781575	G	$-1-(-2^4-3-4^5)*6^7(7+8-9)$
44789700	G	$-1-23+4*(5/6^7-7*8-9)$	47829670	G	$1*(2-3^4(4*5-6))*(7-(8+9))$
44789916	G	$-1-23-4*5*(6^7*-8-9)$	47829710	G	$1*(-2-3^4(4*5-6))*(7-(8+9))$
44789962	G	$-1+23-4*5*(6^7*-8-9)$	47915709	G	$-1-(2-(3+4^5)/6^7(-7-(8-9)))$
44920839	G	$-1-23*(45-(6+7-8)^9)$	48009023	G	$1+(2+(3+4^5))*6^7(7+8-9)$
44921575	G	$-1-23*(4-5^6(-6+7+8)+9)$	48086334	G	$(-1*(23+4)*5^6+7^8)*9$
44921576	G	$-1*23*(4-5^6(-6+7+8)+9)$	48149063	G	$-1-(-2-34^5)/6^7-7+8*9$
45281249	G	$-1+23/4*5^6*7*8*9$	48149082	G	$1-(-2-34^5)/6^7-7+89$
45334243	G	$1-23/4/5*(6*(-7-8)*9)$	48151915	G	$-1+(2+34^5)*(6^7+(8+9))$
45336024	G	$(-1*2/3^4-4)*(-5-6^7+89)$	48275106	G	$-1+2*((3^4+5)^6-7)-8-9$
45346068	G	$(-1*2/3^4-4)*(5-6^7+8+9)$	48508209	G	$(-1*2*3*4*5^6+7^8)*9$
45347517	G	$(-1*2*3^4)*(5-6^7+8)-9$	48692335	P	$1+23^4*((-5-6)*-(7+8)+9)$
45347535	G	$(-1*2*3^4)*(5-6^7+8)+9$	48848831	G	$-1+(23+4^5)*6^7(7+8-9)$
45347688	G	$(1*2*3^4)*(5+6^7-8-9)$	48848985	G	$(1+2^3*4^5*6^7)*89$
45348660	G	$(-1*2/3^4-4)*(5-6^7-8-9)$	49070709	G	$(1*(-2-3)*4*5^6+7^8)*9$
45348733	G	$(-1*2*3^4)*(5-6^7)-89$	49211334	G	$(-1*(23-4)/5^6-6^7+8)*9$
45348805	G	$((-1*2*3^4)*(5-6^7-8)-9)$	49312497	G	$(1-2)*(3-4/5^6-6/789)$
45348839	G	$(-1*2*3^4)*(5-6^7)+8+9$	49443696	G	$(1*2*3^4-5)*6^7/8*9$
45348911	G	$(-1*2*3^4)*(5-6^7)+89$	49633209	P	$-((1-2+3)^4*5^6-7^8)*9$
45348984	G	$(-1*2/3^4-4)*(5-6^7+8-9)$	49813300	G	$(-1*2*(3^4+5-6^7))*89$
45349137	G	$(1*2*3^4)*(5+(6^7-8))-9$	49815080	G	$(-1*2*(3^4-(5+6^7)))*89$
45349155	G	$(1*2*3^4)*(5+(6^7-8))+9$	49831633	G	$-1+2*(3^4-(5-6^7))*89$
45349737	G	$-1-2+3*(4+(5-6+7)^8)*9$	49842136	G	$(1*2*(3^4-(5-6^7)))*89$
45350109	G	$(-1*2*3^4)*(5-(6^7+8))-9$	49843916	G	$(1*2*(3^4+5+6^7))*89$
45350127	G	$(-1*2*3^4)*(5-(6^7+8))+9$	49914459	G	$(-1*(2+3*4)*5^6+7^8)*9$
45350280	G	$(1*2*3^4)*(5+6^7+(8-9))$	49987593	G	$(1+2^3*4^5*6^7)*9$
45350353	G	$(1*2*3^4)*(5+6^7)-89$	50040072	G	$(1*(2+34)*5^6-7)*89$
45350425	G	$((1*2*3^4)*(5+6^7)-8)-9$	50084928	G	$(1*(-2-34)*(-5^6-7))*89$
45350459	G	$(1*2*3^4)*(5+6^7)+8+9$	50380703	G	$-1+((2*3)^4-4*5)*6/(7-8)^9$
45350531	G	$(1*2*3^4)*(5+6^7)+89$	50387062	G	$-1+23-4*5*(6^7+8)*9$
45350604	G	$(1*2*3^4)*(5+6^7-8+9)$	50387183	G	$-1-(2*3)^4-5*(6/(7-8))^9$
45351576	G	$(-1*2/3^4-4)*(5-6^7-8+9)$	50388214	G	$-1+23+4*(5/6^7-8)*9$
45351729	G	$(1*2*3^4)*(5+6^7+8)-9$	50388984	G	$(1+23-4*(-5/6^7-8))^9$
45351747	G	$(1*2*3^4)*(5+6^7+8)+9$	50389775	G	$-1+(2*3)^4-5*(6/(7-8))^9$
45353196	G	$(1*2*3^4)*(5+6^7+(8+9))$	50404499	G	$-1-(-2-34)*5*(6^7+89)$
45363240	G	$(1*2/3^4-4)*(-5+6^7+89)$	50476959	G	$(-1*((2*3+4)*5^6-7^8))^9$
45364860	G	$(1*2*3^4)*(5+6^7+89)$	50617584	G	$(-1*(2+3+4)*5^6+7^8)*9$
45434611	G	$-1-(2-34^5+6*(7+8)*9)$	50703498	P	$(-1-2^4-(3-4^5)-(6-7^8))^9$
45435031	G	$-1-2+34^5-6*(7*8+9)$	51011046	G	$(-1*2*3^4)*(5-6^7/8)*9$
45435460	G	$(-1+2)*(34^5+6*(7+8-9))$	51017526	G	$(-1*2*3^4)*(5-6^7/8*9)$
45435642	G	$-1-(2-34^5-(6+7)*(8+9))$	51018045	G	$-1-(2+(3-(4+5)^6)*7+89))$
45435703	G	$-1-2+34^5+6*(7*8-9)$	51019146	G	$(1*2*3^4)*(5+6^7/8*9)$
45435727	G	$-1-2+34^5+(6^7-8)*9$	51025626	G	$(1*2*3^4)*(5+6^7/8)*9$
45435835	G	$-1-(2-(34^5+6*(78-9)))$	51187500	G	$((1*2)/3+4)*5^6*78*9$
45435997	G	$-1-(2-(34^5+6*(7+89)))$	51226959	G	$(-1*(2/3+4)*5^6+7^8)*9$
45436560	G	$-1-(2-(34^5+6*7*(8+9)))$	51319816	G	$-1+23*(-4^5+6^7)*8+9$
45512882	G	$-1-((2*3)^4+5)*(-6^7/8+9)$	51414459	G	$((1*2)/3-4)*5^6+7^8*9$
46235103	G	$-1-(2+(3-(4+5)^6)*(78+9))$	51507203	G	$(-1*23)*(4+(5-6^7)*8)-9$
46747126	G	$1+(23-4)*5^6*(7+8)^9$	51523743	G	$1-23*(4+5^6)+7^8*9$
46820709	G	$(-1*(2+34)*5^6+7^8)*9$	51523927	G	$1+23*(4-5^6)+7^8*9$
46874946	G	$1*2*3*(4*5^6(-6+7+8)-9)$	51600501	G	$(-1*2*(3^4+5^6)+7^8)*9$
46875054	G	$1*2*3*(4*5^6(-6+7+8)+9)$	51634370	G	$1-2-(3^4)^5-6+7^8*9$
47029336	G	$-1-(2-34^5)/6^7-7+89$	51634372	G	$1-(2^3+4)^5-6+7^8*9$
47044199	G	$-1-(-2+34^5)*(-6^7-89)$	51648182	G	$-1-(2*-3)^4(4+5)*(6+7/-8)-9$
47383209	G	$(-1*2^3*4*5^6+7^8)*9$	51662034	G	$(1+2^4(3+4+5)*-6+7^8)*9$
47458303	G	$-1+(2+3^4)^(5+6-7)-8-9$	51705999	P	$-(-1-(-2-3^4(4+5))+6-7^8)*9$
47458305	G	$1+(2+3^4)^(5+6-7)-8-9$	51741126	G	$(-1*2*3^4*(5^6-7^8))^9$
47458319	G	$-1+(2+3^4)^(5+6-7)+8-9$	51744042	G	$(1*2*3^4-(5^6-7^8))^9$
47458323	G	$1+(2+3^4)^(5+6-7)-8+9$	51773836	G	$1*2-(3+4)*5^6+7^8*9$

51783203	G	$(1^2 \cdot 3^4)^5 - 6 + 7^8 \cdot 9$	52112585	G	$(1^2 \cdot 3^4)^4 \cdot 5^6 + 7^8 \cdot 9$
51783215	G	$(1^2 \cdot 3^4)^5 + 6 + 7^8 \cdot 9$	52132034	G	$1 - 2 + (3^4)^5 - 6 + 7^8 \cdot 9$
51801561	G	$(-1^2 / (3^4 - 4/56) + 7^8) \cdot 9$	52132036	G	$1 + (2^3 + 4)^5 - 6 + 7^8 \cdot 9$
51824154	G	$(1 + 2 \cdot 3^4)^5 - 6 + 7^8 \cdot 9$	52165917	P	$- (1^2 \cdot 3^4) \cdot (3^4 + 5^6) - 7^8 \cdot 9$
51834058	G	$1 - 2^3 \cdot 4^5 \cdot 6 + 7^8 \cdot 9$	52242493	G	$1 - 23^4 \cdot (4 - 5^6) + 7^8 \cdot 9$
51836321	G	$1 - 2 \cdot 3^4 \cdot (4 + 5^6) + 7^8 \cdot 9$	52242677	G	$1 + 23^4 \cdot (4 + 5^6) + 7^8 \cdot 9$
51836325	G	$1 + 2 \cdot 3^4 \cdot (4 + 5^6) + 7^8 \cdot 9$	52254508	G	$(1 + 2^3 + 4)^5 + 6 + 7^8 \cdot 9$
51836345	G	$1 - 2 + 3^4 \cdot (4 - 5^6) + 7^8 \cdot 9$	52351959	G	$(-1^2 \cdot (2/3 - 4)^5 \cdot 6 + 7^8) \cdot 9$
51836349	G	$1 + 2 + 3^4 \cdot (4 - 5^6) + 7^8 \cdot 9$	52421027	G	$(1^2 + 3^4)^5 - 6 + 7^8 \cdot 9$
51836552	G	$1 - 2 - (3 - 4 - 5)^6 + 7^8 \cdot 9$	52421039	G	$(1^2 + 3^4)^5 + 6 + 7^8 \cdot 9$
51839469	G	$((1^2 \cdot 3^4)^5 \cdot 6 - 7^8) \cdot 9$	52539459	G	$((1^2) / 3 + 4)^5 \cdot 6 + 7^8 \cdot 9$
51851959	G	$(1^2) / (3 - 4)^5 \cdot 6 + 7^8 \cdot 9$	52734266	G	$1 + -2 \cdot 3^4 \cdot (4 - 5^6 \cdot (-6 + (7+8))) \cdot 9$
51852027	G	$1^2 \cdot (34 - 5^6) + 7^8 \cdot 9$	52734270	G	$1 + 2 + 3^4 \cdot (-4 + 5^6 \cdot (-6 - (-7-8))) \cdot 9$
51863508	P	$(-1^2 \cdot 3^4 - (4 - (5+6))) + 7^8 \cdot 9$	52734294	G	$(1 + 2 \cdot 3^4 \cdot (4 - 5^6 \cdot (-6 + 7+8))) \cdot 9$
51863529	P	$1 + 2 - (3^4 - (4 - 5 - 6) - 7^8) \cdot 9$	52734372	G	$-1 - (2 \cdot 3^4 \cdot (4 + 5)^6 \cdot (6 + 7 - 8)^9)$
51870897	P	$(-1 + 2) \cdot (3^4 \cdot 456 - 7^8) \cdot 9$	52734456	P	$- (1 + 2 \cdot 3^4 \cdot (4 + 5^6 \cdot (-6 + 7+8))) \cdot 9$
51871680	G	$(1^2 \cdot 3^4)^4 - 5^6 + 7^8 \cdot 9$	52734482	G	$1 + -2 + 3^4 \cdot (4 + 5^6 \cdot (-6 + (7+8))) \cdot 9$
51875529	G	$1^2 \cdot ((-2 \cdot 3)^4 \cdot 5^6 / 6 + 7^8) \cdot 9$	52734486	G	$1 + 2 \cdot 3^4 \cdot (-4 - 5^6 \cdot (-6 - (-7-8))) \cdot 9$
51876697	P	$- ((1 + 2^3)^4 + 5) - (-6 - 7^8) \cdot 9$	53289459	G	$(-1^2 \cdot (2 \cdot 3^4)^5 \cdot 6 + 7^8) \cdot 9$
51877038	G	$(1^2) / (3 \cdot 4)^5 \cdot 6 + 7^8 \cdot 9$	53687091	G	$1 - 2 \cdot 3 / 45^6 \cdot 6^7 \cdot (7+8)^9$
51877062	G	$(1 - 2^3 \cdot 345 + 6 + 7^8) \cdot 9$	53747718	G	$-1 - 2 - (3^4)^{56/7} / -8 + 9$
51879063	G	$-1 - 2^2 \cdot (3^4) + 5 + (-6 + 7^8) \cdot 9$	53747855	G	$-1 + 2^2 \cdot ((3^4)^{56/7} + 8) \cdot 9$
51879127	G	$-1 + 23 - (456 - 7^8) \cdot 9$	53748672	G	$-1^2 / 3^4 \cdot ((-5 - 6^7)^8 \cdot 9)$
51879370	G	$1 - 2^2 \cdot (3 + 4)^5 \cdot 6 + 7^8 \cdot 9$	54207695	G	$-1 + 2^3 \cdot ((4 + 5)^6 + 7)^8 \cdot (8 + 9)$
51879617	G	$-1^2 \cdot (2^3 \cdot 4) + (-56 - 7^8) \cdot 9$	54401275	G	$1 + (23^4 - 56 + 7^8) \cdot 9$
51880473	G	$(-1^2 / 3^4 \cdot 456 + 7^8) \cdot 9$	54555084	P	$- (-1^2 \cdot (-23 + 4) / -5^6 - 6 - 7^8) \cdot 9$
51881019	G	$-1 - 2 - (3^4 \cdot (4 - (5 - 6))) - 7^8 \cdot 9$	54687499	G	$-1 + (2^3 + 4^5)^6 \cdot (6 + 7 - 8)^9$
51881151	G	$1^2 \cdot (2 - 345)^6 + 7^8 \cdot 9$	54695709	P	$- (-1^2 \cdot (-2 \cdot 3)^4 \cdot 5^6 \cdot 6 - 7^8) \cdot 9$
51881305	G	$(1 - 2)^3 \cdot 34^5 \cdot 6 + 7^8 \cdot 9$	54765692	G	$-1 - 2 + 3^4 \cdot (4 - 5/6)^7 \cdot (8 + 9)$
51881766	G	$(-1^2 \cdot 3^4 \cdot 56 + 7^8) \cdot 9$	54869195	G	$1^2 + (3 + 4 + 5)^6 + 7^8 \cdot 9$
51882045	G	$-1 - 2 - (3^4 \cdot 56 - 7^8) \cdot 9$	54991869	G	$-1 - 2 + (3^4 - 4)^5 \cdot (-6 - 7)^8 \cdot (8 + 9)$
51882313	G	$1 - 23^4 \cdot (45 - 6) + 7^8 \cdot 9$	55258209	G	$(-1^2 \cdot 3^4 \cdot 5^6 - 5^6 + 7^8) \cdot 9$
51882428	G	$1 - 23^4 \cdot (4 + 5^6) + 7^8 \cdot 9$	55269863	G	$-1 - (2 + 3 + 4)^5 \cdot (-6 - 7)^8 \cdot 9$
51882572	G	$-1 - 2^3 \cdot 345 + (6 + 7^8) \cdot 9$	55342171	G	$1 - 2^2 \cdot (3 - 4/5^6 \cdot (6^7 \cdot (7^8 + 9)))$
51884116	G	$1 - 2^2 \cdot (3 - 456) + 7^8 \cdot 9$	55342183	P	$1 + 2^2 \cdot (3 - 4/5^6 \cdot (6^7 \cdot (-7^8 + 9)))$
51884221	G	$(1^2 \cdot 3^4)^4 \cdot (5 + 6) + 7^8 \cdot 9$	55427493	G	$(1 + -2 + 34)^5 \cdot (5 + 6^7 \cdot (7 - (8 - 9)))$
51884224	G	$(-1 + 2 / (3^4 \cdot 4 - 5^6) + 7^8) \cdot 9$	55428934	G	$(1 - 23)^4 \cdot (4 - 5 - (6^7 + 8)^9)$
51884652	P	$- (-1^2 \cdot 3^4 \cdot (4 - 5/6) - 7^8) \cdot 9$	55680084	P	$- (-1^2 \cdot (-23 - 4)^5 \cdot 5^6 - 6 - 7^8) \cdot 9$
51886664	G	$1 - 2 + 3456 + 7^8 \cdot 9$	55999904	G	$(-1 + 2^2 - 3^4 \cdot (4^5)^6)^7 \cdot 8 - 9$
51887050	G	$1 - 2^2 \cdot (3 + 4)^5 \cdot 6 + 7^8 \cdot 9$	55999913	P	$(-1 + 2^2 - 3) / - (4^5)^6 - 6 - 7 - 8 - 9$
51887249	G	$(1^2 \cdot 3^4)^4 - 56 + 7^8 \cdot 9$	56000082	G	$(-1 + 2^2 - 3^4 \cdot (4^5)^6)^7 + 8 - 9$
51887255	G	$-1 + 2^2 \cdot (3^4) + 5 + (-6 + 7^8) \cdot 9$	56134737	G	$1^2 \cdot 2^3 \cdot (4 + 5)^6 + 7^8 \cdot 9$
51887275	G	$(1^2 \cdot 3^4)^4 - 5^6 + 7^8 \cdot 9$	56206719	P	$-1 - 2 + (3/4 \cdot 5 + 6)^7 - (7^8 + 9)$
51887361	G	$(1^2 \cdot 3^4)^4 + 56 + 7^8 \cdot 9$	56269041	G	$(1 - 2)^3 \cdot (3 + 4^5 \cdot 6)^7 - 8 - 9$
51887363	G	$-1 + 2^2 \cdot (3^4) + 5 - (-6 - 7^8) \cdot 9$	56824467	P	$(1 - 2^3)^4 - (4 - 5 - 6)^7 - (78 - 9)$
51889326	G	$(1 + 2 / -3^4 \cdot (-4^5 + 6) + 7^8) \cdot 9$	56945709	P	$- (-1^2 \cdot (-2 - 34)^5 \cdot 5^6 - 6 - 7^8) \cdot 9$
51902874	P	$-1^2 \cdot (2 - 3^4 - (4 - (5 + 6))) - 7^8 \cdot 9$	57106977	G	$-1 + (2 + (3 + (4 + 5))) / 6^7 - 7^8 \cdot (8 + 9)$
51902895	P	$1 - 2 - (3^4 - (4 - 5 - 6) - 7^8) \cdot 9$	57107113	G	$1 - 2 + 34^5 \cdot (5 + 6^7 \cdot (7 - 8 + 9))$
51902930	G	$(1^2 \cdot 3^4)^4 + 5^6 + 7^8 \cdot 9$	57289760	G	$-1 + (23^4 - 5)^6 \cdot (-6 - 7 + 8 + 9)$
51903683	G	$(1^2 \cdot 3^4)^4 \cdot 5^6 - 6 + 7^8 \cdot 9$	57289762	G	$1 + (23^4 - 5)^6 \cdot (-6 - 7 + 8 + 9)$
51903695	G	$(1^2 \cdot 3^4)^4 \cdot 5^6 + 6 + 7^8 \cdot 9$	57540605	G	$-1 - 2 + (-3 + 4^5 - 5 + 6) / 7^8 \cdot 9$
51911333	G	$-1 + ((2 + 3)^4 \cdot (4 - (5 - 6))) + 7^8 \cdot 9$	57782265	P	$(-1 + 2)^2 \cdot (-3^4 \cdot (4^5)^6 + 7) - 8 - 9$
51914527	G	$1^2 \cdot (34 + 5^6) + 7^8 \cdot 9$	57782292	G	$1 - 2 - (-3^4 \cdot ((4^5)^6 + 7) + 8^9)$
51926949	G	$((1^2 \cdot 3^4)^5 \cdot 6 - 7^8) \cdot 9$	57926951	G	$-1 + ((23^4 \cdot (4 - (5 - 6))) - 7) - 8) \cdot 9$
51929864	G	$1 - 2 + (3 - 4 - 5)^6 + 7^8 \cdot 9$	57948405	G	$-1 - 2 + (3 + 4^5)^6 \cdot (6^7 + 8) \cdot 9$
51930071	G	$1 - 2 \cdot 3^4 \cdot (4 - 5^6) + 7^8 \cdot 9$	57949442	G	$-1 + 23^4 \cdot (45 + (6^7 + 8)^9)$
51930075	G	$1 + 2 - 3^4 \cdot (4 - 5^6) + 7^8 \cdot 9$	58015625	G	$(1^2 \cdot (-2 + 3^4)^5 \cdot 6)^7 \cdot (8 - 9)$
51930095	G	$1 - 2 + 3^4 \cdot (4 + 5^6) + 7^8 \cdot 9$	58235166	G	$-1 - 23 + (4^5)^6 - 7^8 - 9$
51930099	G	$1 + 2 + 3^4 \cdot (4 + 5^6) + 7^8 \cdot 9$	58235231	G	$1^2 + 3 + (4^5)^6 - 7^8 + 9$
51932362	G	$1 - 2^3 \cdot 4^5 \cdot 6 + 7^8 \cdot 9$	58461231	P	$-1 - 2 + 3^4 \cdot (-4 - (5 + 6)^7 + 89)$
51964857	G	$((1^2 \cdot 3^4)^5 \cdot 6 + 7^8) \cdot 9$	58461434	P	$- (1^2) + 3^4 \cdot (4 + (5 + 6)^7) - 89$
51992586	G	$1^2 + (3 + 4)^5 \cdot 6 + 7^8 \cdot 9$	58461611	G	$-1 - 2 + 3^4 \cdot (4 + (5 + 6)^7) + 89$
52006089	G	$(1^2 \cdot 3^4)^4 \cdot 5^6 + 6 + 7^8 \cdot 9$	58720189	P	$-1^2 \cdot (-(-3 + 4^5 \cdot (5 + 6)))^7 + 8 - 9$
52022376	G	$(-1^2 \cdot 3^4 + 5^6 + 7^8) \cdot 9$	58786487	G	$-1 - ((2/3 + 4)^5 \cdot (5/6^7 - 7) + 8) \cdot 9$
52025292	G	$(1^2 \cdot 3^4 + 5^6 + 7^8) \cdot 9$	58786631	G	$-1 + ((2/3 + 4)^5 \cdot (5/6^7 - 7) + 8) \cdot 9$
52060275	P	$(-1 - 2 + 3^4 - (4 - 5) - (6 - 7^8)) \cdot 9$	58786641	G	$(1 + (2 / -3 - 4)^5 \cdot (5^6 - 6^7) + 8) \cdot 9$
52060293	P	$- (-1 - (-2 + 3^4 \cdot (4 + 5))) + 6 - 7^8 \cdot 9$	59417600	P	$((1 + -2 - 3)^4)^5 + 6^7 \cdot (-7 - 8) \cdot 9$
52077567	G	$-1 - 2^2 \cdot (3 + 4^5) + 6^7 \cdot (-7 + 8 + 9)$	59500000	G	$(1^2 \cdot 2^3 \cdot 4^5 \cdot 6)^7 \cdot 8 \cdot 9$
52077569	G	$1 - 2^2 \cdot (3 + 4^5) + 6^7 \cdot (-7 + 8 + 9)$	59706801	G	$(-1 - 2 - 3^4)^5 + 6^7 \cdot (-7 + 8 + 9)$
52104402	G	$(1 - 2^2 \cdot (3 + 4 + 5)^6 - 7^8) \cdot 9$	59969625	P	$((-1 + 23)^4)^6 - (-5 + 6 + 7) + 89$

60217341	P	$-1 - (2 + (3^4)^5) + 6^{\wedge}(- (7 - 8) + 9)$	63999303	G	$1^*2 + 3 + (4^5)^{\wedge}6 - 7^*8^9$
60217347	P	$1 + (2 - (3^4)^5) + 6^{\wedge}(- (7 - 8) + 9)$	63999371	G	$(-1^*2)^*3 + (4^5)^{\wedge}6 - 7^*8^9$
60305125	G	$(-1 + 2 - 3^4)^5 + 6^{\wedge}(-7 + 8 + 9)$	63999382	G	$1^*2 + 3 + (4^5)^{\wedge}6 - 7^*8^9$
60432562	G	$1^*2 / (-3 - 4)^{\wedge} - 5 + 6^{\wedge}(-7 - (-8 - 9))$	64000480	G	$-1 - 23 + (4^5)^{\wedge}6 - 7^*8^9$
60433371	P	$-(1 + 2^{\wedge}3)^{\wedge}4 * 5 + 6^{\wedge}(- (7 - 8) + 9)$	64000616	G	$1 - 2^{\wedge}3 + (4^5)^{\wedge}6 + 7^*8^9$
60445657	G	$1 - 23^{\wedge}4 * (5 + (-6 - 7)^* (8 + 9))$	64000617	G	$(-1^*2)^*3 + (4^5)^{\wedge}6 + 7^*8^9$
60457985	G	$1 - 2^{\wedge}3 / 4^{\wedge} - 5 + 6^{\wedge}(-7 + 8 + 9)$	64000628	G	$1^*2 + 3 + (4^5)^{\wedge}6 + 7^*8^9$
60462080	G	$-1^*2^{\wedge}(3 + 4 + 5) + 6^{\wedge}(-7 + 8 + 9)$	64000695	G	$1 - 2^{\wedge}3 + (4^5)^{\wedge}6 + 7^*8^9$
60464134	P	$(1^*2)^*(3 - 4^5) + 6^{\wedge}(- (7 - 8) - 9)$	64000696	G	$(-1^*2)^*3 + (4^5)^{\wedge}6 + 7^*8^9$
60464229	G	$-1 - 2 - 3^*(4 + 5 - 6^{\wedge}7)^*8^9$	64000707	G	$1^*2 + 3 + (4^5)^{\wedge}6 + 7^*8^9$
60464875	P	$-1^*((2^*3)^{\wedge}4 + 5 - (6^{\wedge}(- (7 - 8) + 9)))$	64015617	P	$-((-1 - 2^{\wedge}(3^4)) / 5^{\wedge} - 6 + 7) + 8 - 9$
60464885	P	$-1^*(-2^*3)^{\wedge}4 + 5 + 6^{\wedge}(- (7 - 8) + 9)$	64015635	P	$-((-1 - 2^{\wedge}(3^4)) / 5^{\wedge} - 6 + 7) + 8 + 9$
60464960	G	$1 - 2 - 3^*(45 - 6^{\wedge}7^*8)^*9$	64107184	P	$-(1 - (-234 + 5)^*(-6^{\wedge}7 - 8)) + 9$
60465005	G	$-1 - 234^*5 + 6^{\wedge}(-7 + 8 + 9)$	64453124	G	$-1 - (2 - (3 + 4)^*5)^*(6 + 7 - 8)^{\wedge}9$
60465081	G	$-1 - 2 - 3^*(4 + (5 - 6^{\wedge}7)^*8^*9)$	64678230	G	$(-1^*(-2 - 3) / -4^*(5^{\wedge}6 - 7^{\wedge}8))^*9$
60465140	G	$-1 - 23^{\wedge}45 + 6^{\wedge}(-7 + 8 + 9)$	65503870	G	$-1 - (234^*(5 - 6^{\wedge}7) - 8) + 9$
60465145	G	$1 - 2^{\wedge}3 - 4^5 + 6^{\wedge}(-7 + 8 + 9)$	65505021	G	$-1 - (2 - (34 + 5)^*6^{\wedge}(7 - (8 - 9)))$
60465146	G	$(-1^*2)^*3 - 4^5 + 6^{\wedge}(-7 - (-8 - 9))$	65505734	P	$-(1 + 234^*(5 - 6^{\wedge}7 - 8)) + 9$
60465154	G	$(1 - 2 + 3 - 4^5 + 6^{\wedge}(-7 + 8 + 9))$	65505959	G	$-1 + 234^*(5 + 6^{\wedge}7 + (8 - 9))$
60465157	G	$(1^*2 + 3 - 4^5 + 6^{\wedge}(-7 + 8 + 9))$	65506210	P	$-(1 - 234^*(5 + 6^{\wedge}7) - 8) + 9$
60465485	G	$-1 - 2^*345 + 6^{\wedge}(-7 + 8 + 9)$	65510171	G	$-1 + 234^*(5 + 6^{\wedge}7 + (8 + 9))$
60465536	G	$-1^*2^{\wedge}(3 + 4)^*5 + 6^{\wedge}(-7 + 8 + 9)$	66232113	G	$-1 - 2 - (-3^*(4 + 5)^{\wedge}6 - 7^{\wedge}8)^*9$
60465785	G	$-1 + (2 + 34)^{\wedge}5 - 6^*(7^*8 + 9)$	66406077	G	$-1 - (2 + 34^*(5 - (6 + 7 - 8)^{\wedge}9))$
60465815	G	$-1 - 2^*3^{\wedge}45 + 6^{\wedge}(-7 + 8 + 9)$	66430124	G	$-1 + (23 + 4)^*5^{\wedge}6 - 7^*(8 + 9)^{\wedge}9$
60465835	G	$-1 - 2^*34^*5 + 6^{\wedge}(-7 + 8 + 9)$	66937500	G	$(1^*(2 + 34)^*5^{\wedge}6)^*7^*(8 + 9)$
60465836	G	$-1^*2^*34^*5 + 6^{\wedge}(-7 + 8 + 9)$	66961558	P	$(-1 + 2 / 3^{\wedge} - (4^*5 - 6))^*7 + 8 - 9$
60465905	G	$-1 - 2^*3^{\wedge}45 + 6^{\wedge}(-7 + 8 + 9)$	66961576	P	$(-1 + 2 / 3^{\wedge} - (4^*5 - 6))^*7 - (-8 - 9)$
60466004	G	$-1 - 2 - 34^*5 + 6^{\wedge}(-7 + 8 + 9)$	66968895	G	$-1 - 2 / (3 - (4 - 5))^*(6^{\wedge}7 - 8^{\wedge}9)$
60466015	G	$-1 - 2^{\wedge}3^*4^*5 + 6^{\wedge}(-7 + 8 + 9)$	67256162	G	$(-1^*2^*3^{\wedge}(4^*5 - 6))^*7 + 8^{\wedge}9$
60466016	G	$-1^*2^{\wedge}3^*4^*5 + 6^{\wedge}(-7 + 8 + 9)$	68025420	G	$(-1 - 2)^*3^{\wedge}4^*(5 - 6^{\wedge}7 - (8 - 9))$
60466067	G	$-1 + (23 + 4)^*(5 + (6^{\wedge}7^*8 - 9))$	68025906	G	$(-1 - 2)^*3^{\wedge}4^*(5 - 6^{\wedge}7 + 8 - 9)$
60466210	G	$1^*2^{\wedge}(3^*4 + 5) + 6^{\wedge}(-7 + 8 + 9)$	68029794	G	$(-1 - 2)^*3^{\wedge}4^*(5 - 6^{\wedge}7 - (8 + 9))$
60466389	G	$-1 - 2 - 3^*(4 - 5 - 6^{\wedge}7)^*8^*9$	68157439	G	$-1 + 2^{\wedge}(3^*4 + 5 + 6)^*(-7 / 8 + 9)$
60466457	G	$-1 + (2 + 34)^{\wedge}5 - 6^*(7^*8 + 9)$	68354366	G	$(1^*2 + 3)^{\wedge}4^*(5^{\wedge}6^*7 - 8) - 9$
60466816	G	$(1^*2)^{\wedge}(3 + 4)^*5 + 6^{\wedge}(-7 + 8 + 9)$	68354384	G	$(1^*2 + 3)^{\wedge}4^*(5^{\wedge}6^*7 - 8) + 9$
60467241	G	$-1 - 2 - 3^*(4 + (-5 - 6^{\wedge}7)^*8^*9)$	68364366	G	$(1^*2 + 3)^{\wedge}4^*(5^{\wedge}6^*7 + 8) - 9$
60467467	G	$((-1^*2)^*3)^{\wedge}4 - 5 + 6^{\wedge}(-7 - (-8 - 9))$	68364384	G	$(1^*2 + 3)^{\wedge}4^*(5^{\wedge}6^*7 + 8) + 9$
60467477	G	$((((-1^*2)^*3)^{\wedge}4) + 5) + 6^{\wedge}(-7 + (8 + 9))$	68574872	G	$(1 - 23^*4)^{\wedge}(5 + 6 - 7) - 89$
60468230	P	$(1^*2)^*(3 + 4^5) + 6^{\wedge}(- (7 - 8) - 9)$	68854783	G	$-1 + 2^{\wedge}(3 + 4^5) + 6^{\wedge}(-7 + 8 + 9)$
60470272	G	$1^*2^{\wedge}(3 + 4 + 5) + 6^{\wedge}(-7 + 8 + 9)$	68854785	G	$1 + 2^{\wedge}(3 + 4^5) + 6^{\wedge}(-7 + 8 + 9)$
60474369	G	$1 + 2^{\wedge}3 / 4^{\wedge} - 5 + 6^{\wedge}(-7 + 8 + 9)$	68990082	G	$-1 - 2 - 3^*(4^*(5^{\wedge}6 - 7^{\wedge}8) + 9)$
60498981	P	$(1 + 2^{\wedge}3)^{\wedge}4 * 5 + 6^{\wedge}(- (7 - 8) + 9)$	68990118	G	$-1 - 2 - 3^*4^*(5^{\wedge}6 - 7^{\wedge}8) + 9$
60499790	G	$1^*2 / ((3 + 4)^{\wedge} - 5) + 6^{\wedge}(-7 + (8 + 9))$	69124991	G	$(1^*(-2 + 3^{\wedge}4)^*5^{\wedge}6)^*7^*8 - 9$
60627227	G	$-1 - 2 + 3^*(4^5 + 6^{\wedge}(-7 + 8 + 9))$	69125009	G	$(1^*(-2 + 3^{\wedge}4)^*5^{\wedge}6)^*7^*8 + 9$
60715005	P	$-1 - (2 - (3^4)^5) + 6^{\wedge}(- (7 - 8) + 9)$	69176946	G	$-1 - 2 - 3^*4^*(56 - 7^{\wedge}8) + 9$
60715011	P	$1 + (2 + (3^4)^5) + 6^{\wedge}(- (7 - 8) + 9)$	69177750	G	$-1 - 2 + 3^*4^*(5 + 6 + 7^{\wedge}8) + 9$
60953125	G	$(-1^*(-2 - 3^{\wedge}4)^*5^{\wedge}6)^*(7^*8 - 9)$	69178083	G	$1 + 2 - 3^*4^*(5 - 6 + 7^{\wedge}8 - 9)$
61225551	G	$(1 + 2 + 3^4)^{\wedge}5 + 6^{\wedge}(-7 + 8 + 9)$	69284150	G	$-1 - (2^*3)^{\wedge}(4 + 5)^*(6 - 7 / -8) - 9$
61509351	G	$-1 - (23 - 45^{\wedge}6 / ((7 + 8)^*9))$	69365082	G	$-1 - 2 + 3^*(4^*(5^{\wedge}6 + 7^{\wedge}8) - 9)$
61514752	P	$-((1 + (-2 - 3)^*4)^5 + 6^{\wedge}(- (7 - 8) + 9))$	69365118	G	$-1 - 2 + 3^*4^*(5^{\wedge}6 + 7^{\wedge}8) + 9$
61971513	G	$-1 + ((2 - 3) / 4 + (5 + 6))^*(7^{\wedge}8 - 9)$	69424039	G	$((-1 - 2)^*3^{\wedge}4 - 5)^*6^{\wedge}7 - 89$
62499713	G	$1 + 2^{\wedge}3^*4^*(5^{\wedge}6 - 7 + 8) - 9$	69424217	G	$((-1 - 2)^*3^{\wedge}4 - 5)^*6^{\wedge}7 + 89$
62499929	G	$1 + 2^{\wedge}3^*(4^*5^{\wedge}6 - 7 + 8) - 9$	69489471	G	$-1 + 2 / 34^{\wedge} - 5^*(6 + 7) / (8 + 9)$
62500073	G	$1 + 2^{\wedge}3^*(4^*5^{\wedge}6 - 7 + 8) + 9$	69764768	G	$-1 - 23 + (4^5)^{\wedge}6 + 7^*8 - 9$
62500289	G	$1 + 2^{\wedge}3^* - 4^*(5^{\wedge}6 - 7 + 8) - 9$	69883209	G	$(-1^*(-2^{\wedge}(3 + 4)^*5^{\wedge}6 - 7^{\wedge}8))^*9$
62578431	G	$-1 - (23^*4)^{\wedge}(5 + 6 - 7) + 8^{\wedge}9$	70170621	G	$-1 - 2 + (3^*4)^{\wedge}5^*6^*(7^*8 + 9)$
62914205	P	$-(1 + (23 - 4^{\wedge}(5 + 6))^*(7 + 8)) - 9$	70217697	G	$-1 - 23 - ((4^5)^{\wedge}6 + 7) + 8^{\wedge}9$
62964226	G	$1 - 23^{\wedge}4^*5^*(6 - (7 - 8))^*9$	70312437	P	$(1 - 2^{\wedge}3 - 4^*5^{\wedge}6 - 7) + 8))^*9$
62992584	G	$(-1^*(2 - 3^{\wedge}4)^*5^{\wedge}6 + 7^{\wedge}8)^*9$	70312455	G	$-1^*(2 + 3 - 4^*5^{\wedge}6 - 7) + 8))^*9$
63005624	G	$-1 - (2 - 3)^*45^*(6^{\wedge}7 + 89)$	70312470	P	$-1 - 2 - (3 - 4^*5^{\wedge}6 - 7) + 8))^*9$
63241527	G	$-1 - (2 + (-3 - (4 + 5)^{\wedge}6)^*7) * (8 + 9)$	70312472	P	$1 - 2 - (3 - 4^*5^{\wedge}6 - 7) + 8))^*9$
63241833	G	$-1 - 2 + (3 + (-4 - 5)^{\wedge}6)^*7 * (8 + 9)$	70312474	P	$-1 + 2 - (3 - 4^*5^{\wedge}6 - 7) + 8))^*9$
63281267	G	$-1 + 2^*(3^{\wedge}4^*(5 / (6 - 7)))^{\wedge}8 + 9$	70312476	G	$-1 - 23 + 4^*5^{\wedge}6 - 7 + 8))^*9$
63408706	P	$-1 + 2^{\wedge}(3^*4) + (-5 - 6)^*7^{\wedge}8 - 9$	70312477	G	$-1^*23 + 4^*5^{\wedge}6 - 7 + 8))^*9$
63412550	G	$(-1^*2)^*3^{\wedge}4 + (5 + 6)^*(7^{\wedge}8 - 9)$	70312492	G	$1 + ((-2 - 34) / -5^{\wedge}(6 - 7 - 8) - 9)$
63412785	G	$1 + (-2 - 34) + (-5 - 6) / -7^{\wedge}8 - 9$	70312493	G	$1 - 2^{\wedge}3 + 4^*5^{\wedge}6 - 7 + 8))^*9$
63555084	G	$(-1^*(-2 - 3^{\wedge}4)^*5^{\wedge}6 + 7^{\wedge}8)^*9$	70312526	P	$1 - 2 + (3 + 4^*5^{\wedge}6 - 7) + 8))^*9$
63999215	G	$-1 - (2 - 3) + (4^5)^{\wedge}6 - 789$	70312528	P	$-1 + 2 + (3 + 4^*5^{\wedge}6 - 7) + 8))^*9$
63999291	G	$1 - 2^{\wedge}3 + (4^5)^{\wedge}6 - 78^*9$	70312530	P	$1 + 2 + (3 + 4^*5^{\wedge}6 - 7) + 8))^*9$
63999292	G	$(-1^*2)^*3 + (4^5)^{\wedge}6 - 78^*9$	70312545	G	$(1^*2 + 3 + 4^*5^{\wedge}6 - 7 + 8))^*9$

70312563	P	$-(-1-2^3-4^5(-(-6-7)+8))^*9$	79672830	P	$-1+2^3*(4^-(-5-6)+7^8)-9$
70874878	G	$-1-((2-3^4/5^6)^*7^8+9)$	79672911	G	$-1+2^3*(4^-(5+6)+7^8+9)$
70874898	G	$1-(2-3^4/5^6)^*7^8+9$	80024173	G	$-1-2+34^5-6*(7^8+9)$
70875102	G	$-1-((-2-3^4/5^6)^*7^8+9)$	80234375	G	$(1*(2-3^4)^*5^6)^*(7-8^9)$
70875120	G	$-1+((2-3^4/-5^6)^*7^8+9)$	80620113	G	$(-1-2/3+4*(-5+6^7)^*8)^*9$
70875122	G	$1-(-2-3^4/5^6)^*7^8+9$	80622094	G	$-1-(((2^3)^{(4+5)+67})^*-8+9)$
71288375	P	$-(1-(23+4))^5*6+7*(8+9)$	80707061	G	$-1+2^*(-3^4+5+(6-(7-8))^9)$
71303031	G	$-1-(-2+3-4^-(5+6)+7)^*(8+9)$	80707064	G	$-1-(23-(4^5-6)^*(7^8-9))$
71303097	G	$-1-(2-(3+4^-(5+6)-7)^*(8+9))$	80707073	G	$-1-(-2-3^4)^*(5-(6-7^8)-9)$
71303263	G	$-1-23+(4^-(5+6)+7)^*(8+9)$	80707079	G	$(-1-2)^*3+(4^5-6)^*(7^8-9)$
71303335	G	$-1-(2-(3+(4^-(5+6)+7))^*(8+9))$	80707267	G	$-1-2^*(-3*(4+5)-(6-(7-8))^9)$
71303371	G	$-1+((2+3+4^-(5+6))+7)^*(8+9)$	81703053	P	$-((1*(-2-3^4)^*5^6)^*7+8)^*9$
71383473	G	$-1-2-3*(4-5/6^7)^*(8+9)$	81703197	G	$((1*(-2-3^4)^*5^6)^*-7+8)^*9$
71639286	G	$-1+(23^4)^{(5-(6-7)^8)-9}$	82265622	G	$-1-2+3^4*5^6*(7^8+9)$
71639294	G	$-1+(23^4)^{(5+6-7)+8-9}$	82334525	G	$(1^*2^3)^{(4+5)+6-7^8+9}$
71639304	G	$-1+(23^4)^{(5-(6-7)^8)+9}$	82837503	G	$-1+2^*(3^4+5+6)^*(7^8+9)$
71639314	G	$1+(23^4)^{(5+6-7)+8+9}$	83013266	G	$1^*2-3^4/5*(6*(-7^8-9))$
71744497	G	$1+(-2+3^4(4^5-6))^*(7+8)-9$	83589742	G	$-1-2+3*(4+5/6)^*(7^8+9)$
71744515	G	$1+(-2+3^4(4^5-6))^*(7+8)+9$	84296875	G	$(1*(-2-3^4)^*5^6)^*(7-8^9)$
71744557	G	$-1+23+(4+5)^6*(7+8)^9$	84430592	P	$-(-1+2+3^4)^{(5+6-7)+8^9}$
71744573	G	$-1+(-2-3^4(4^5-6))^*(-7-8)+9$	84934653	G	$-1-2+(3/4)^{-5*6^7*8^9}$
71745209	G	$-1-(2-(-3-(4+5)^6))^*(-7-8)^*9$	85658135	G	$-1-2+34*(5+(6^7-8)^9)$
72624991	G	$(1*(-2-3^4)^*5^6)^*-7^8-9$	85663031	G	$-1-2+34*(5+(6^7+8)^9)$
72625009	G	$(-1*(-2-3^4)^*5^6)^*7^8+9$	86412671	G	$1-2-3*((4^5-6)^7-8^9)$
73789565	G	$-1-(2-(34/5+6)^*(7^8+9))$	86472251	G	$1+-2+3*(4+5*(6+7^8+9))$
73811249	G	$-1-(2-(3+4))^5*6/(7+8)^{-9}$	87339678	G	$-1-2+(34+5)^*(6^7*8-9)$
74390625	G	$(1+2^34)/(5^6-7^8-9)$	87339979	P	$-1-((2^*-3)^{-(-4-5)+6})^*78/9$
74730894	G	$-1-(2+3*(45-6^7)^*89)$	87451875	G	$(1*(2+3)^4*(5^6-78))^*9$
74741562	G	$-1-2-3*(4+(5-6^7)^*89)$	87575625	G	$(1*(2+3)^4*(5^6-7^8))^*9$
74741586	G	$-1-2-3*(-4-(-5+6^7)^*89)$	87625111	G	$-1-(-2+(-3+4/5)^6)^*(7^8+9)$
74742849	G	$-1-2-3*(4^5-6^7*89)$	87687764	G	$1-2+3^4(4+5+6)^*(7-8/9)$
74744256	G	$-1-2+3*(4+(5+6^7)^*89)$	87806250	G	$(1*(2+3)^4*(5^6-(7+8)))^*9$
74745981	G	$-1-(2-3*(4^5+6^7*89))$	87851178	G	$(-1*((2+3)^4*(-5^6+7)+8))^*9$
74745983	P	$1-2-3*(-4^5+6^7*89)$	87851322	G	$(-1*(2+3)^4*(-5^6+7)+8)^*9$
74805112	G	$(1+23^4)^{(5+6-7)-89}$	87885000	G	$(1*(2+3)^4*(5^6+7-8))^*9$
74933180	G	$1-2+3*(4+5)^6*(7^8-9)$	87890605	P	$(-1*(2-3)^4*(4-5^6-(7+8)))^*9$
74942293	P	$-1-2+(3^4-(5-6))^*-(-7^8+9)$	87890645	G	$((1^*2)+3)^*(4+5^6-(6+(7+8)))^*9$
75498111	G	$(-1-2*(3-4^-(5+6))+78)^*9$	87896250	G	$(1*(2+3)^4*(5^6-(7-8)))^*9$
75582696	G	$-1-23+45*6^7(7-8+9)$	87929928	G	$(1*(2+3)^4*(5^6+7)-8)^*9$
75756200	G	$-1-(2+3*(4+(5+6)^7))+8^9$	87930072	G	$(1*(2+3)^4*(5^6+7)+8)^*9$
76020779	G	$1+(2^3+4+5)^6+7^8+9$	87975000	G	$(1*(2+3)^4*(5^6+7+8))^*9$
76140923	G	$-1-2-34*((5-6^7)^*8+9)$	88080165	G	$-1-(2-3*(4^-(5+6)^7-8^9))$
76142428	G	$-1-2-34*(5-6^7*8)+9$	88080394	G	$((1-2+3^4*(5+6))^*7+8+9)$
76142589	G	$-1-2+(3^*-4)^5*(6^*-7+8)^*9$	88080597	G	$-1-(2-3*(4^-(5+6)^7+8^9))$
76142768	G	$-1-(2-34*(5+6^7*8))+9$	88080650	G	$1-2+3*(4^-(5+6)^7+89)$
76143065	G	$-1-(2-34*(5+6^7*8+9))$	88182357	G	$-1-2+(3+4)^5*(6^7+8)^*9$
76143643	G	$-1-2+34*((5+6^7)^*8-9)$	88205625	G	$(1*(2+3)^4*(5^6+7^8))^*9$
76527439	G	$(1^*2^3*(4^5-6)-7)^*8-9$	88329375	G	$(-1*(2+3)^4*(-5^6-78))^*9$
76527457	G	$1*(2^3*(4^5-6)-7)^*8+9$	88529280	G	$-1+(23^4+5)^{(-6-7+8+9)}$
76527569	G	$1*(2^3*(4^5-6)+7)^*8+9$	88573499	G	$-1+(2+34)^5*6^7(7+8)^9$
77256936	G	$1*(-2+3^4(4+5+6)-7^8)^*9$	88835184	G	$(-1*(-2+3^4)^*(-5^6+7))^*8^*9$
77613876	G	$(-1^*2^3/4*(5^6-7^8))^*9$	88867286	G	$(-1^*2^3/4*(5+6^7)+8^9)$
77765553	G	$((-1*(2-3^4)^*5^6)^*7-8)^*9$	88868906	G	$(1^*2^3/4*(5-6^7)+8^9)$
77765697	G	$((1*(-2+3^4)^*5^6)^*7+8)^*9$	88875504	G	$(1*(-2+3^4)^*5^6+7)^*8^*9$
77948322	G	$-1^*2^3+4*((5+6)^7-89)$	88914816	G	$(1*(-2+3^4)^*(5^6+7))^*8^*9$
77948571	G	$-1-23+4*(5+6)^7-89$	89631918	G	$(1-2)^*(3-4^-(5+6)-7^8)^*9$
77948664	G	$(1-2)^*(3-4*(5+6)^7)-8-9$	90870046	P	$(-1+2*(-34^5+6))-789$
77948795	G	$-1+23+4*(5+6)^7+89$	90870457	G	$-1+2^34^5-6*(7^8+9)$
77949016	P	$-1-23+4*(-(5+6)^7-89)$	90870589	G	$-1+2*(34^5+6-(7+8)^9)$
78000000	G	$(1-(2+3)^4)/(5^6-7^8-9)$	90870696	G	$1+2*(34^5+6-78)-9$
78035751	G	$(1^*2^3/4*(5^6+7^8))^*9$	90870743	G	$1+2*(34^5-(6+7^8-9))$
78089991	G	$(1^*2+3)^4*(5^6-7)^*8-9$	91124352	G	$(-1^*2-(3^4*5^6+7))^*8^*9$
78090009	G	$(1^*2+3)^4*(5^6-7)^*8+9$	91124568	G	$(-1+2-(3^4*5^6+7))^*8^*9$
78159991	G	$(1^*2+3)^4*(5^6+7)^*8-9$	91125432	G	$(-1+2-(3^4*5^6+7))^*8^*9$
78160009	G	$(1^*(2+3)^4*(5^6+7))^*8+9$	91125648	G	$(-1^*2-(3^4*5^6+7))^*8^*9$
78382146	G	$1+2+(3+4)^*(5^6+7^8+9)$	91408355	P	$-1-234*(-(5^6(6-7))^8-9)$
78382392	G	$-1-2+(-3-4)^5*(-6^7*8-9)$	91667456	G	$(1^*2*(-3^4+5))^*6^7+8^9$
78401229	P	$-1-2*(34^5*(-(6-7^8)+9))$	91797110	P	$(-1-(2+3)^4(4+5))^*6*(7^8-9)$
78750000	G	$(1*(2^3+4)^*5^6)^*7^8+9$	92236730	G	$1-2^*(3-4+5)^*(6-7^8)+9$
79672767	P	$-1+2^3*(4^-(-5-6)-(-7^8+9))$	92236865	G	$1-2^*(3-4+5)^*(6-7^8-9)$

92274619	G	$(-1+23)/4^{\wedge}(-5-6)-78+9$	101261663	G	$-1+(2*3)^{\wedge}4*(5^{\wedge}(6-(7-8))+9)$
92274770	G	$(-1+23)/4^{\wedge}(-5-6)-7+89$	101523336	G	$-1-(-2*(3+4+5)^{\wedge}6+7)*(8+9)$
92530432	G	$(1*2*3^{\wedge}4)*5*6^{\wedge}7-8^{\wedge}9$	101523693	G	$-1+2*((3+(4+5))^{\wedge}6+7)*(8+9)$
93333168	G	$(1*(-2-3^{\wedge}4)*(-5^{\wedge}6+7))*8*9$	101797668	G	$(-1*2*((3+4)/5^{\wedge}6-7^{\wedge}8))*9$
93374496	G	$(-1*(-2-3^{\wedge}4)*-5^{\wedge}6+7)*-8*9$	102000000	G	$(1*2*34/5^{\wedge}6)*(7+89)$
93375504	G	$(-1*(-2-3^{\wedge}4)*5^{\wedge}6+7)*8*9$	102374991	G	$(1+2+3^{\wedge}4)/(5^{\wedge}6-7^{\wedge}8)-9$
93416832	G	$(-1*(-2-3^{\wedge}4)*5^{\wedge}6+7)*8*9$	102453125	G	$(-1*(-2-3^{\wedge}4)*5^{\wedge}6)*(7+8*9)$
94000000	G	$(1*2^{\wedge}(3+4)/5^{\wedge}6)*(7*8-9)$	103016445	G	$-1-2+(3*4)^{\wedge}5*6*(78-9)$
94058286	G	$(-1*(2/3+4))*((5-6^{\wedge}7*8)^{\wedge}9)$	103293431	G	$-1+(2+(3+4+5))*6^{\wedge}7-8)^{\wedge}9$
94596497	G	$-1+2*3^{\wedge}(4-5+6+7)*89$	103483710	G	$(-1*2*(3^{\wedge}4+5^{\wedge}6-7^{\wedge}8))*9$
95178262	G	$-1+23-4*5/-6^{\wedge}-7*(8+9)$	103486626	G	$(1*2*(3^{\wedge}4-5^{\wedge}6+7^{\wedge}8))*9$
95178288	G	$-1-2+(3-4*5*-6^{\wedge}7)*8(8+9)$	103747896	G	$(1*(2-(3+4)^{\wedge}5*6)*7^{\wedge}8)^{\wedge}9$
95271551	G	$-1-2*(3-4^{\wedge}5)*6^{\wedge}(7+8-9)$	103762610	P	$-(1*2)*(34*56-7^{\wedge}8*9)$
96216183	G	$(1-2+34^{\wedge}(5+6-7)*8)^{\wedge}9$	103763334	G	$-1-(2+3*(4^{\wedge}5-6*7^{\wedge}8))-9$
96216191	G	$1-2+34^{\wedge}(5+6-7)*8*9$	103763370	G	$-1-(2+3*(4^{\wedge}5-6/7^{\wedge}8-9))$
96216193	G	$1-2+34^{\wedge}(5+6-7)*8*9$	103763952	G	$(-1*2*(3^{\wedge}4+5^{\wedge}6-7^{\wedge}8))*9$
96216201	G	$(-1+2+34^{\wedge}(5+6-7)*8)^{\wedge}9$	103764420	G	$(-1*2*(3^{\wedge}4-5*-6-7^{\wedge}8))*9$
96354531	G	$(1*(2-(3+4)^{\wedge}(5-6))*7^{\wedge}8)^{\wedge}9$	103764762	G	$(-1*2*(3^{\wedge}4+5+6-7^{\wedge}8))*9$
96457399	G	$-1+23*(4^{\wedge}(5+6)+7*-8*9)$	103764942	G	$(-1*2*(3^{\wedge}4-(5-6)-7^{\wedge}8))*9$
96467174	P	$-1+23*(4^{\wedge}(-5-6)-7-8*9)$	103764945	G	$(-1*2*(3^{\wedge}4+5/6-7^{\wedge}8))*9$
96467496	G	$-1+23*(4^{\wedge}(5+6)-(7*8+9))$	103764975	G	$(-1*2*(3^{\wedge}4-5/6-7^{\wedge}8))*9$
96468639	G	$1+23*(4^{\wedge}(5+6)-(7+8))-9$	103764978	G	$(-1*2*(3^{\wedge}4+5-6-7^{\wedge}8))*9$
96468922	G	$-1+23*4^{\wedge}(5+6)-78+9$	103765158	G	$(-1*2*(3^{\wedge}4-(5+6)-7^{\wedge}8))*9$
96469073	G	$-1+23*4^{\wedge}(5+6)-7+89$	103765512	G	$1*2*(3-456+7^{\wedge}8*9)$
96469110	G	$-1+23*4^{\wedge}(5+6)+7*(8+9)$	103765931	G	$-1-2*(3^{\wedge}((4+5)-6)-7^{\wedge}8)^{\wedge}9$
96469327	G	$-1+23*(4^{\wedge}(5+6)+7+8)-9$	103765964	P	$-(1*2)*(3+4*56-7^{\wedge}8*9)$
96470072	G	$-1+23*(4^{\wedge}(5+6)+(7*8-9))$	103765976	G	$1*2*(3-4*56+7^{\wedge}8*9)$
96470808	G	$-1+23*(4^{\wedge}(5+6)+7+8*9)$	103766700	G	$1*2*(3*45+6+7^{\wedge}8*9)$
96480583	G	$-1+23*(4^{\wedge}(5+6)-7*-8*9)$	103766712	G	$-1-2+3*(45+6*(7^{\wedge}8+9))$
96553077	G	$-1-2+345*(6^{\wedge}7-8*9)$	103766860	P	$-(1*2)*(3-4*56-7^{\wedge}8*9)$
96553079	G	$1-2+345*(6^{\wedge}7-8*9)$	103766872	G	$1*2*(3+4*56+7^{\wedge}8*9)$
96575150	G	$1-2+345*(6^{\wedge}7-8)-9$	103767096	G	$1*2*(345-6+7^{\wedge}8*9)$
96577934	G	$-1-2+345/6^{\wedge}-7+8+9$	103767678	G	$(1*2*(3^{\wedge}4-(5+6)+7^{\wedge}8))*9$
96602757	G	$-1-2+345*(6^{\wedge}7+8*9)$	103767858	G	$(1*2*(3^{\wedge}4+5-6+7^{\wedge}8))*9$
96602759	G	$1-2+345*(6^{\wedge}7+8*9)$	103767861	G	$(1*2*(3^{\wedge}4-5/6+7^{\wedge}8))*9$
96608622	G	$-1-2+345*(6^{\wedge}7-89)$	103767891	G	$(1*2*(3^{\wedge}4+5+6+7^{\wedge}8))*9$
96635671	G	$1+2*(34^{\wedge}5+6)+7^{\wedge}8+9$	103767894	G	$(1*2*(3^{\wedge}4-(5-6)+7^{\wedge}8))*9$
96875793	G	$(1*(2-((3-4)/5)^{\wedge}6)/7^{\wedge}8-8)^{\wedge}9$	103768074	G	$(1*2*(3^{\wedge}4+5+6+7^{\wedge}8))*9$
97343750	G	$(-1*(2-3*4)*5^{\wedge}6)*7*89$	103768416	G	$(1*2*(3^{\wedge}4+5*6+7^{\wedge}8))*9$
97435802	G	$-1+(2+3)*4*(5+6)^{\wedge}7-8*9$	103768884	G	$(1*2*(3^{\wedge}4+5+6+7^{\wedge}8))*9$
97435857	G	$1-(2-3-4)*(5+6)^{\wedge}7-8+9$	103769154	G	$1*2*(3*456+7^{\wedge}8*9)$
97515625	G	$(-1*(2-3^{\wedge}4)*5^{\wedge}6)*(7+8*9)$	103769478	G	$-1-(2-3*(4^{\wedge}5+6/7^{\wedge}8))-9$
97612893	G	$-1+2*(3-4/((5+6)/(7-8^{\wedge}9)))$	103769514	G	$-1-2+3*(4^{\wedge}5-6*-7^{\wedge}8+9)$
98001461	G	$-1-2+(-3-4*5+6)*(-7^{\wedge}8+9)$	103769649	G	$-1-2+3*(4^{\wedge}5+6*(7^{\wedge}8+9))$
98001665	G	$-1-2-(3*4+5)*(6-(7^{\wedge}8+9))$	103770226	G	$1*2*(34*56+7^{\wedge}8*9)$
98929090	G	$1*(2-3+4*5)^{\wedge}6+7^{\wedge}8*9$	103773330	G	$1*2*(3456+7^{\wedge}8*9)$
99655412	G	$-1-(23+4*(5-6^{\wedge}7)*89)$	103784940	G	$(-1*(-2-(3+4)^{\wedge}5*6)*7^{\wedge}8)^{\wedge}9$
99655427	G	$-1-(2*3+4*(5-6^{\wedge}7)*89)$	104046210	G	$(-1*2*(3^{\wedge}4+5^{\wedge}6-7^{\wedge}8))*9$
99655700	P	$-1-2-(-3-4*-5-6^{\wedge}7)*89$	104049126	G	$(1*2*(3^{\wedge}4+5^{\wedge}6+7^{\wedge}8))*9$
99657174	G	$(1-23)-4*(5-6^{\wedge}7*89)$	104857618	G	$-1-(2-(3-4^{\wedge}(5+6))*7-8^{\wedge}9)$
99657230	G	$-1-(2+3-4*(5+6^{\wedge}7*89))$	104857760	G	$-1+(23-4^{\wedge}(5+6))*7+8^{\wedge}9$
99657260	G	$1+23+4*(5+6^{\wedge}7*89)$	105468535	P	$1-2*-3*(-4-5^{\wedge}(-6-7)+8))*9$
99984217	G	$-1*(2-3^{\wedge}4/5^{\wedge}6)*(7+8*9)$	105468967	P	$1+2*-3*(-4-5^{\wedge}(-6-7)+8))*9$
99984533	G	$1*(-2-3^{\wedge}4/5^{\wedge}6)*(-7-8*9)$	105735168	G	$(-1*2*((-3-4)/5^{\wedge}6-7^{\wedge}8))*9$
100307433	G	$(1*2-3/45)*(6+7^{\wedge}8)^{\wedge}9$	106072434	P	$-1+23*(4/5*-6-7^{\wedge}8+9)$
100391418	G	$(-1*2*(3*4*5^{\wedge}6-7^{\wedge}8))*9$	106583444	G	$-1+(2-(3/4)^{\wedge}5)/6^{\wedge}(7-8-9)$
100442343	G	$((1-2+3^{\wedge}(4+5+6))*7-8)+9$	107141418	G	$(1*2*(3*4*5^{\wedge}6+7^{\wedge}8))*9$
100528975	G	$(-1+2*3^{\wedge}45)*(6^{\wedge}7+89)$	107374192	G	$-1-23-4/5*(-6*7-8^{\wedge}9)$
100663100	G	$1-2+3*((4^{\wedge}(5+6)-7)*8-9)$	107374207	G	$(-1-2)*3-4/5*(-6*7-8^{\wedge}9)$
100663221	G	$-1-2-(2-3-4^{\wedge}(5+6))*7(8+9)$	107458945	G	$1-23*4*(-5*(6+7+8)-9)$
100663340	G	$-1-2-(3/4^{\wedge}(-5-6)+7)*-8-9$	107494917	G	$-1-2+((3*4)^{\wedge}5*6+7)*-8*9$
100663587	G	$-1-2-3/4*(-5*6*7-8^{\wedge}9)$	107494989	G	$-1-2+(3+45)*(6^{\wedge}7*8-9)$
100742761	G	$1-23*4*5/(6-7)*8*9$	107494991	G	$1-2+(3+45)*(6^{\wedge}7*8-9)$
100770399	P	$-(1+2^{\wedge}3)^{\wedge}4-5*-6^{\wedge}7*8*9$	108335303	G	$-1+((23+4*5)/6^{\wedge}-7+8)^{\wedge}9$
100774559	P	$-(1-2^{\wedge}3)^{\wedge}4-5*-6^{\wedge}7*8*9$	108527617	G	$1+23/4^{\wedge}(5-6-7)*8*9$
100775502	G	$(-1*2*3^{\wedge}4+5*6^{\wedge}7*8)^{\wedge}9$	108623978	G	$(-1*23*5^{\wedge}6)*7+8^{\wedge}9$
100776093	G	$-1-2+(3*4-5/6^{\wedge}-7)*-8*9$	109344374	G	$-1-(2+3)^{\wedge}4*(-5*6^{\wedge}7/8+9)$
100777270	G	$-1+23+(4+5*6^{\wedge}7)*8*9$	109401632	G	$1*2/(3^{\wedge}4+5)^{\wedge}(6+7-8-9)$
100778418	G	$(1*2*3^{\wedge}4+5*6^{\wedge}7*8)^{\wedge}9$	109452929	G	$-1*23*(4+(5-6^{\wedge}7)*8+9))$
100874239	G	$-1+2*(3*-4)^{\wedge}5*6^{\wedge}7+8^{\wedge}9$	109530819	G	$-1-(-23+4)*(-5*6+7^{\wedge}8+9)$

109687500	G	$(1^*(-2+3^4)*5^6)*78^9$	124571744	G	$-1-(-2-3)*(45+6^7*89)$
109810158	G	$(-1*(2-3^4)*(5^6-7))^*89$	124573764	G	$-1+(2+3)*(4+(5+6^7)*89)$
109908592	G	$(-1^*(-2+3^4)*(-5^6-7))^*89$	124585938	G	$(1^*2^3*4+5/6^7)^*89$
110250000	G	$(1^*2*(3+4)*5^6)*7^8*9$	124851360	G	$-1+23^4+5^6*7^8*9$
110657043	G	$(1^*(2+((3+4)/5)^{-6}/7^{-8}))^9$	125139603	G	$(1^*(-2-3^4)*5^6)*7+8^9$
111436471	G	$-1^*2*(3/45)^{-6}-(7-8^9)$	125414349	G	$-1-2-((3^4)^5+6)*7^*-8^9$
111697657	G	$1+(2/(-3+45))*((6^7+8)^9)$	125459599	P	$-1+2/34^5-5-6^*- (7^8-9)$
112836351	G	$-1-(2^*34)^4(5+6-7)+8^9$	125577103	G	$(1^*(2-3^4)*5^6)*7+8^9$
113196932	G	$1-2+3^4(4+5+6)*(7+8/9)$	125999928	G	$((1^*2^3(3+4)/5^6-6)*7-8)^9$
113248313	G	$1-2+3*(4^5(5+6)+78)^9$	126000072	G	$((1^*2^3(3+4)*5^6)*7+8)^9$
113335606	G	$1+23^4*(-5+6^7+8)^9$	126780228	G	$(1^*2)^3*34^5-5^6*7+8^9$
113373986	G	$1-23+(45^6*7-8)^9$	126825698	G	$-1+2*(34+(-5-6))^*-7^8)+9$
113377342	G	$-1+23+45*(6^7+8)^9$	126825823	P	$1+2+(-34+56)^*-(-7^8-9)$
113588557	G	$1+(-2-34^5)/-6*(7+8)-9$	127999291	G	$-1+(-2*(3-(4^5)^6)-78^9)$
113689079	G	$-1-((2^3-3+45)^*-6^7-8)^9$	127999914	P	$-(1+2*(3-(4^5)^6+7))-8^9$
113967720	G	$-1-((2^*3)^4*5^6+7-8^9)$	128000052	G	$-1^*2*(3-(4^5)^6+7)+8^9$
113967734	G	$-1-(2^*3)^4*5^6+7+8^9$	128000616	G	$-1+(-2*(3-(4^5)^6)+7^8*9)$
114213885	P	$-1-2+(3^4)^5*(6^*-78+9)$	128000695	G	$-1+(-2*(3-(4^5)^6)+78^9)$
114213896	G	$-1+2^3*4*(5-6+7)^8+9$	128245773	P	$-1+2*(-(3-(-4-5))^6+7)+8^9$
114790749	G	$-1-2+(3*(4+5)^6-7)^8*9$	128490621	G	$-1-2-3*(-4-5)^6*7^8(8+9)$
115056983	G	$-1-(2/3+45)*((-6^7-8)^9)$	129139443	G	$-1*(2-3^4(4+5+6)+78)^9$
115295696	G	$-1-23-4^5*(6-7^8+9)$	129890301	G	$-1-2+(3^4)^5*6*(78+9)$
115295725	G	$1^*2+3-4^5*(6-7^8+9)$	130000000	G	$(-1^*2^3(3+4)*5^6)*(7-8^9)$
115295742	G	$-1+23-4^5*(6-7^8+9)$	130280228	G	$(-1^*(2+34)*5^6)*7+8^9$
115295929	P	$1-2^3-4^*-(-5*(6-7^8)+9)$	130498975	G	$-1-2-34^5*6^7+8^9$
115296102	G	$-1+23-4^5*(6-(7^8+9))$	130561470	G	$-1-234^5*6-7+8^9$
115370166	G	$(-1^*(-2-3^4)*(5^6-7))^*89$	130561484	G	$-1-234^5*6+7+8^9$
115473584	G	$(1^*(-2-3^4)*(-5^6-7))^*89$	130717728	G	$(-1^*2^3*4^5*6^7)+8^9$
115638279	P	$-(1+23)^4*5^6+7+8^9$	130858433	G	$-1-2-3^4*(5+6^7)+8^9$
115852105	G	$1+(23^4-5)^6*(78-9)$	131029123	P	$-1+2^3*(-(4+5)^6+7)+8^9$
117440536	G	$((1+2^3((3-4+5)^6))^7+8+9)$	131134461	P	$-1-2+(3^4)^5*(6^7-8+9)$
117440572	G	$-1-(2+(-3-4))*((56/7)^8+9)$	131231741	G	$-1+(-2-(3^4)^5(5-(6-7)))^8+9$
117440576	G	$-1+(2+(3+4))*((5-(6+7))^8+9)$	131264603	G	$(-1^*(23+4)^5*6^7)+8^9$
117946365	G	$-1-2+(3^4)^5*6*(7+8^9)$	131411456	G	$(-1^*2*(3^4-4+5))^6*7+8^9$
118500000	G	$(1^*(-2+3^4)*5^6)*(7+89)$	131425280	G	$(-1^*2*(3^4-4+5))^6*7+8^9$
120217728	G	$-1+23(3+4)^5*6*(7+8^9)$	131592728	G	$(-1^*2^3*4^5*6^7)+8^9$
120367270	G	$-1-23*((4+5)^6-7^8)-9$	131685344	G	$(-1^*2/3^4-4)^*(5^6+7)+8^9$
120891313	G	$1-23^4*(5^6-78)^9$	131686471	G	$-1^*2^3*4^5*6-7+8^9$
120929279	G	$-1+(2-3^4(-4-5))/6^7(7-8-9)$	131686485	G	$-1^*2^3*4^5*6+7+8^9$
120930298	G	$-1^*(2+(3-4)^5-6^7(-7+8+9))$	131687612	G	$(1^*2/3^4-4)^*(5^6+7)+8^9$
120930310	G	$1^*2*(3-(4^5-6^7(-7+8+9)))$	131978285	G	$-1+2*(3+4^5(5-6^7))+8^9$
120932108	G	$-1+(2-(3^4)^5)/6^7(7-8-9)$	132030228	G	$(-1^*(2+3)^4*5^6)*7+8^9$
120932269	P	$1+2^3(3-4+5+6^7(-7-8-9))$	132139603	G	$(-1^*(23-4)^5*6^7)+8^9$
120932318	G	$(-1^*2)*(3^4+5-6^7(-7+8+9))$	132218623	G	$-1+2^3(3+4)^5(5^6+7)+8^9$
120932338	G	$(-1^*2)*(3^4+5-6^7(-7+8+9))$	132558915	P	$-(1+23)^4*5^6+7+8^9$
120932366	G	$(-1^*2)*(-3^4+5-6^7(-7+8+9))$	132590316	P	$-(1+23*(4-(5-(6-7^8))))+9$
120932386	G	$(1^*2)*(3^4+5+6^7(-7+8+9))$	132590495	G	$1+2+(-3-4^5)*(6-7^8-9)$
120932409	G	$-1-2+3^4*(5-(6/(7-8)))^9$	132623381	G	$-1-(2+3*(4+5)^6+7)-8^9$
120932448	P	$1^*2*(3+4+5+6^7(-7-8-9))$	132686478	G	$(-1^*2*(3+4)^5*6^7)+8^9$
120934394	G	$(-1^*2)*(3-4^5-6^7(-7+8+9))$	132690059	G	$-1^*(2-3^4)*(5+6^7(7-(8-9)))$
120934406	G	$1^*2*(3+4^5+6^7(-7+8+9))$	132724726	G	$-1-(2+(3^4)^5*6+7-8^9)$
120935807	G	$1-2+(3+45)*(6^7+8)^9$	132811889	G	$1+2^3*4^5*(5^6-6+7+8-9)$
121060683	G	$-1-(2+3*(45-(6-(7-8))^9))$	132812482	G	$1^*2*(34^5^6(-6+7+8)-9)$
121060878	G	$-1-(2+3*(-4^5-(6-(7-8))^9))$	132812518	G	$1^*2*(34^5^6(-6+7+8)+9)$
121061007	G	$-1-(2+3*(4-5-6)^7(8+9))$	132813113	G	$1+2^3*4^5*(5^6(-6+7+8)+9)$
121099385	P	$-(1-23)^4*5^6-7+8^9$	132818565	G	$-1^*23^4*5+6^7+8^9$
122827093	G	$-1-(2+(3/45)^{-6}+7-8^9)$	132899100	G	$-1+(2-3^4(4+5))^6*7+8^9$
123046857	G	$-1^*(2-(3+4)/5^6(6-7-8))^9$	132920846	G	$(-1^*(2+3^4))/5^6-6-(7-8^9)$
123281250	G	$(-1^*(2-3^4)/5^6)*789$	132949697	G	$-1^*2^3*(4-5^6-7^8)-9$
123409882	G	$1+23^4*5^6*7/8^9$	132952096	P	$(-1+2)*(-3^4*5^6+7-8^9)$
123918333	G	$-1-2+(3^*-4)^5*(6-7^8*9)$	132952110	G	$(-1+2)*(3^4*5^6+7+8^9)$
124155228	G	$(-1^*23^4/5^6)*7+8^9$	133046381	P	$-(1-23)^4*5^6-6+7+8^9$
124357164	G	$-1-(2-3^4((4+5)^6*78-9))$	133123978	G	$(1^*(2-3^4)*5^6)*7+8^9$
124419965	G	$-1-2+(-3-4)^5*6^7+8^9$	133233353	G	$(-1^*((2+3)+4)^5*6^7)+8^9$
124500000	G	$(-1^*(-2-3^4)*5^6)*(7+89)$	133377944	G	$-1-(2-3*(4+5-6^7))+8^9$
124519545	P	$-(1+2-3^4/5^6*(-6+7^8))^9$	133390916	G	$(-1-2-3^4(4+5))^6*7+8^9$
124519599	P	$(1+2-3^4/5^6*(-6+7^8))^9$	133390957	G	$-1+(-2-3^4(4+5))^6*7+8^9$
124557102	G	$(-1^*2^3*4-5/-6^7-7)^8*9$	133391027	P	$-1+(2+3^4(4+5)^6)*7+8^9$
124571158	G	$-1^*2^3+(-4-5^6-6^7)*89$	133413956	G	$-1-(2^*3)^4/-56^7*8-9$
124571439	G	$(1-2)*(3^4-5/6^7-8^9)$	133482895	G	$-1-(2^*3)^4*5^6+7+8^9$

133621098	G	$(1-2+3^4(4+5))^*6789$	134186632	G	$-1-(-2*(3^4-5^6)+7-8^9)$
133670860	G	$((1-(2+34))/5^6-6+7+8^9)$	134194108	G	$-1-23^4*4^5-67+8^9$
133686468	G	$-1-2-34^5*6^7-8^9$	134196347	G	$-1-(2+3*(4^5-6)^*7)+8^9$
133688957	G	$-1-2-(3^4)^5-(6^7-8^9)$	134196989	G	$-1+(-2-(3^4)^4(5+6-7))+8^9$
133697221	G	$-1+2*(3^4(4+5)-6^7)+8^9$	134197181	G	$(-1*2^4(3^4))^*5-67+8^9$
133720044	G	$-1-(2*((3^4)^5+6)+7)+8^9$	134198003	G	$(1-2)^*(3^4(4+5)+6^7-8^9)$
133780193	G	$(-1*2-3-4^5*6)^*7+8^9$	134199316	G	$1-2-3*(4^5*6-7)+8^9$
133780250	G	$-1+23-4/5^6-7+8^9$	134200720	G	$1*2-3^4*5^6*7+8^9$
133804336	P	$(-1-(-2-3-4)^5-6)^*7+8^9$	134200799	G	$-1-(2*3)^4-(5^6+7)+8^9$
133804342	G	$-1-((2+3+4)^5+6)^*7+8^9$	134200813	G	$-1-((2*3)^4+5^6)+7+8^9$
133824509	G	$-1-2-(3^4^5-5+6-7)^*8^9$	134200844	P	$-((1-2^3)^4+5+6)^*7+8^9$
133858605	G	$-1+23*(4-5^6+7)+8^9$	134201320	G	$-1-23-4^4((-5+6)^*7)+8^9$
133889498	G	$(-1-2-3*(4+5^6))^*7+8^9$	134201366	G	$-1+23-4^4((-5+6)^*7)+8^9$
133889516	G	$-1-(2-3*(4-5^6)^*7)+8^9$	134202015	G	$(1-2)^*(3^4+5^6+7)+8^9$
133917312	G	$(1*2^3)^4*5-6(7-8^9)$	134204413	G	$(1-2)^*(3+4^5*(6+7)-8^9)$
133920847	G	$(1-(23-4)/5^6-6)^*7+8^9$	134205710	P	$-((1-2^3)^4+5+6+7)+8^9$
133920861	G	$1-(23-4)/5^6-6+7+8^9$	134205765	G	$(1-2^3)^4*5-6+7+8^9$
133931226	P	$-((1+2^3)^4+5+6^7)+8^9$	134207198	G	$(-1*2^3*4^5)^*5*(6+7)+8^9$
133936490	G	$-1-((2*3)^4+5+6^7)+8^9$	134207209	G	$(-1*(2^3*4-5))^*67+8^9$
133936500	G	$-1-(2*3)^4+5-6^7+8^9$	134207544	G	$(1*2*(3^4-5))^*67+8^9$
133936982	G	$(-1*2*3^4)^*5-6^7+8^9$	134207871	P	$-(1+2^4(3+4)^*(5+6)^*7)+8^9$
133937716	G	$(-1+2)^*3-4+5-6^7+8^9$	134208580	P	$1-(-(-2*3)^4-5+6)^*7+8^9$
133938813	G	$(1-2)^*(3-4^5+6^7-8^9)$	134208648	G	$-1-((2*3)^4-5+6)^*7+8^9$
133939082	G	$-1+((-2*3)^4-5-6^7+8^9)$	134210440	G	$-1-(23^4+5+6)^*7+8^9$
133939092	G	$-1+((-2*3)^4+5-6^7+8^9)$	134210461	P	$-(1+((2^3+4^5)+6)^*7)+8^9$
133942081	P	$-(1+2*(3^4(4+5)+6)^*7)+8^9$	134210477	G	$1-(2^3+4^5+6)^*7+8^9$
133961822	P	$-(1+(2+3^4(4+5))^*(6+7))+8^9$	134210512	G	$(-1*2)^*3-(4^5+6)^*7+8^9$
133967840	G	$(1-2+3)^4*(5-6+7)+8^9$	134211134	G	$((-1*2)^3*3^4+5)^*6^7+8^9$
133968826	G	$-1-(2+(3^4)^5+67)+8^9$	134211163	P	$-((1+2^3)^4+5+6)+7+8^9$
133968851	G	$-1-2-(3^4)^5-6^7+8^9$	134211228	G	$-1-(23^4+5)^*67+8^9$
133968880	G	$-1-(2+(3^4)^5+6+7-8^9)$	134211234	G	$-1-((2*3)^4*5+6+7)+8^9$
133968882	G	$((1-2-(3^4)^5)-6-7+8^9)$	134211244	P	$-((1+2^3)^4-5+6)^*7+8^9$
133982387	G	$-1-(2*(3+4)^5+6)^*7+8^9$	134211246	G	$-1-(2*3)^4*5+6-(7-8^9)$
133988345	G	$(-1*2^4(3^4))^*56-7+8^9$	134211717	G	$-1+2*(3/-4^5+67)+8^9$
133997844	G	$(-1*2*(3^4+5^6))^*7+8^9$	134211831	P	$-(1+(2+(3^4+5))^*67)+8^9$
134000112	G	$(1*2*(3^4-5^6))^*7+8^9$	134211898	G	$-1+(23^4-4+5)^*67+8^9$
134012037	G	$-1-(-2-3^4-5^6)^*67+8^9$	134211965	G	$1-2-(3^4+5)^*67+8^9$
134057728	G	$-1*((2+3)^4)^5(5+6-7)+8^9$	134212435	G	$(-1-2-3^4+5)^*67+8^9$
134076403	G	$(-1-23^4*5)^*6-(7-8^9)$	134212606	G	$(1+(2-3^4)^*5)^*(6+7)+8^9$
134077096	G	$-1*(2+(3+4))^5*5^6-(7-8^9)$	134212636	G	$((1-2)^3*3^4+5)^*67+8^9$
134079902	G	$-1-2-(3^4(4+5)+6)^*7+8^9$	134212836	G	$-1-(2*3^4+5)^*67+8^9$
134092789	P	$-1+2*(3-4^5-(-5^6+7))+8^9$	134212855	G	$-1-(2*3^4+5)^*67+8^9$
134100022	G	$-1-((2+(3+4)^5+6)^*7-8^9)$	134212875	G	$(1*2*3^4)^*5-6^7+8^9$
134100100	G	$(-1-(2+(3+4)^5)+6)^*7+8^9$	134213205	G	$-1-(2^4(3+4)^5+6)^*7+8^9$
134100119	G	$-1*2-((3+4)^5-6)^*7+8^9$	134213756	G	$-1-2-(3+4)^*567+8^9$
134107212	G	$(-1+2*3^4-5^6)^*7+8^9$	134213758	G	$1-2-(3+4)^*567+8^9$
134107219	G	$(-1*2*3^4+5^6)^*7+8^9$	134214493	G	$-1-(2*3+456)^*7+8^9$
134107765	G	$(-1-2-(3^4+5^6))^*7+8^9$	134214511	G	$1-2-(3+45)^*67+8^9$
134107771	P	$-(1-(-2-3^4-5^6)^*7)+8^9$	134214586	G	$-1-2-3^4*5^6-67+8^9$
134107785	G	$1-2-(3^4+5^6)^*7+8^9$	134214850	G	$1-2-(3^4*5+6)^*7+8^9$
134108260	G	$-1-23^4-5^6*7+8^9$	134214879	G	$(1-(23+45)^*6)^*7+8^9$
134108261	G	$-1*23^4-5^6*7+8^9$	134214938	G	$1+2-(3^4*5-6)^*7+8^9$
134108266	G	$-1-2-(3^4+5^6)^*7+8^9$	134215109	G	$1-2-(3^4*(5+6)^*7-8^9)$
134108282	G	$-1-(2*3+4+5^6)^*7+8^9$	134215114	G	$1-2-(3^4+5)^*67+8^9$
134108399	G	$-1-(2-(3+4-5^6)^*7-8^9)$	134215270	G	$1-2-(3^4+5)^*67+8^9$
134108422	G	$1+2*3^4-5^6*7+8^9$	134215279	G	$1-2-3^4*(5+6)^*7+8^9$
134108919	G	$1-2+(3^4-5^6)^*7+8^9$	134215515	G	$-1-2-3^4*5*(6+7)+8^9$
134112449	G	$(1*2^3)^4-5^6*7+8^9$	134215918	G	$1-2-(3*(4+5)^*67-8^9)$
134124429	P	$-1+2*(-(3-4-5)^6+7)+8^9$	134215970	G	$-1-2-3*45*(6+7)+8^9$
134144001	G	$1+2*(3^4)^*5-6-7+8^9$	134219005	G	$-1+(2*3)^4-(5+6+7-8^9)$
134148918	G	$1-2+(-3-4^5)^*67+8^9$	134219536	G	$1-2+3*(4+5)^*67+8^9$
134149655	G	$-1+(2^3-4^5)^*67+8^9$	134220205	G	$(-1-(-2-3^4)^*5)^*6-(7-8^9)$
134155197	G	$-1-23-4^5*6-7+8^9$	134220340	G	$1-2+(3^4+5)^*67+8^9$
134163458	G	$(-1*2*3^4)^*5*67+8^9$	134220520	G	$1-2+(3^4*5-6)^*7+8^9$
134168573	G	$-1-(2-3*(4/(5-6))^7)+8^9$	134220524	G	$1+2+(3^4*5-6)^*7+8^9$
134170883	G	$-1-(2-3*(4-5^6+7)-8^9)$	134220604	G	$1-2+(3^4*5+6)^*7+8^9$
134177789	G	$-1-2-3^4*5*(6+7)+8^9$	134220774	G	$((1-2+3*(4^5-6))-7)+8^9$
134186308	P	$-(1+2*(3^4+5^6)+7)+8^9$	134221080	P	$-1-(23+456)^*7+8^9$
134186559	G	$-1+2*(3^4-5^6+7)+8^9$	134221696	G	$1-2+(3+4)^*567+8^9$
134186621	G	$-1-(2-(3^4)^5+6^7)+8^9$	134222599	G	$-1+(2*3^4+5)^*7+8^9$

134222618	G	$-1+(2^*3^4+5)^*67+8^9$	134405147	G	$(1+2)+3^*4^*(5^6-7)+8^9$
134223441	G	$1+(2^*3^4+5+6)^*7+8^9$	134435344	G	$(-1^*2^*(3^4-5^6))^*7+8^9$
134223489	G	$1-2+(3^4+5)^*67+8^9$	134437612	G	$(1^*2^*(3^4+5^6))^*7+8^9$
134223556	G	$-1-(23^*-4+5)^*67+8^9$	134452977	P	$-(-1-2^*(3+4)^5+6)^*7+8^9$
134224206	G	$-1+(2^*3)^4+5+6-(7-8^9)$	134453061	G	$(-1+2^*(3+4)^5+6)^*7+8^9$
134224220	G	$-1+(2^*3)^4+5+6+7+8^9$	134466490	G	$-1-2+((3^*4)^5-67)+8^9$
134224322	G	$(1^*2^*3^4-5)^*6^*7+8^9$	134466515	G	$-1-2+(3^*4)^5-6^*7+8^9$
134224692	G	$-1-(23-4^5+6)^*7+8^9$	134466544	G	$-1-(2-(3^*4)^5+6+7-8^9)$
134224797	P	$-(1+((2^3-4^5)+6)^*7)+8^9$	134466546	G	$((1-2+(3^*4)^5)-6-7+8^9)$
134224848	G	$(-1^*2)^*3+(4^5-6)^*7+8^9$	134466599	G	$-1-2+(3^*4)^5+6^*7+8^9$
134224851	G	$(1-2)^*(3-(4^5-6)^*7)+8^9$	134473604	G	$-1-(2-3^4+(4+5)^*(6+7))+8^9$
134224935	G	$(1-2)^*(3-(4^5+6)^*7)+8^9$	134491098	P	$-((1+2^3)^4+5-6^7)+8^9$
134225014	G	$-1+(23^*45+6)^*7+8^9$	134496362	G	$-1-((2^*3)^4+5-6^7)+8^9$
134226654	G	$-1-2+((3+4/5^6-6)/7+8^9)$	134496372	G	$-1-((-2^*3)^4-5-6^7-8^9)$
134226806	G	$-1+((2^*3)^4-5+6)^*7+8^9$	134496854	G	$(-1^*2^*3^4)^*5+(6^7+8^9)$
134226862	G	$(1-2+3)^*4567+8^9$	134496859	G	$((1-2^*3^4)^*5+6^7+8^9)$
134227912	G	$(1^*2^*(3^4-5))^*67+8^9$	134497248	P	$-(-1-(-2-3^4)^*5-6^7)+8^9$
134228247	G	$1^*(2^*3^4-5)^*67+8^9$	134498685	G	$(1-2)^*(3-4^5-6^7-8^9)$
134228258	G	$(1^*2^*3^4)^*5^*(6+7)+8^9$	134498964	G	$-1+((2^*3)^4+5+6^7)+8^9$
134233265	G	$(1-2)^*(3^4-(5^6-(7-8^9)))$	134514609	G	$-1+(23-4)^5+6^7+8^9$
134233312	P	$(-1+2)^*-((34-5^6+7-8^9))$	134545766	G	$-1-(2+3^*(4-5^6)^*7)+8^9$
134233740	P	$-(1-(23+4)^*67)+8^9$	134639609	G	$-1+(23+4)/5^6-6+7+8^9$
134234184	P	$-(1-(23+4)^*67)+8^9$	134655204	G	$-1-23-4/5^6-6^*7+8^9$
134234655	G	$-1+((2^*3)^4+5+6)^*7+8^9$	134715372	G	$-1-(2^*((-3^*4)^5+6)+7)+8^9$
134234740	G	$1^*2+3^4+5^*6^*7+8^9$	134717503	G	$-1+2^3-4^*(5^6+7)+8^9$
134236180	G	$1-2+3^*(4^5+6+7)+8^9$	134733360	G	$(-1-2^3+4)^*5^6+7+8^9$
134238139	P	$-(-1-(2+34)^*567)+8^9$	134746493	G	$-1-(2+(-3^*4)^5-6^7)+8^9$
134239355	G	$-1-(2-3^*(4^5+6)^*7)+8^9$	134748968	G	$-1-2+34^5+6^7+8^9$
134239560	G	$-1-((2-3-4)^5+6)^*7+8^9$	134764743	G	$1^*(-2-3)^*(4-5^6)^*7+8^9$
134240562	P	$-(1-(2+3)^*4567)+8^9$	134780234	G	$-1+(2+34)/5^6-6+7+8^9$
134240776	G	$(1-2+345)^*67+8^9$	134952559	G	$-1+(2^*3)^4+5^6+7+8^9$
134240976	P	$-1-(2+345)^*67+8^9$	135057560	G	$-1-(2-3^*(4+5+6^7))+8^9$
134241212	G	$-1+23^*4^5-67+8^9$	135092685	G	$-1+2^*(3-4^5-6^7)+8^9$
134241933	P	$-(1-(2+345)^*67)+8^9$	135202103	G	$(1^*((2+3)+4)^*5^6)^*7+8^9$
134248808	P	$-(1+2^*(3^4-5^6)+7)+8^9$	135281258	G	$-1+(2+(3/4)^5)/6^7(7-8-9)$
134249132	P	$-(1-2^*(3^4+5^6)+7)+8^9$	135311478	G	$(-1^*(2-3^*4)^*5^6)^*7+8^9$
134260754	G	$-1-2+((3+4^5+6)^*7+8^9)$	135343662	G	$-1-(2+(-3-4)^5)^*67+8^9$
134266877	G	$-1-2-3^*(4/(5-6))^7+8^9$	135457750	P	$-(-1-(2-(3-4))^5+6)^*7+8^9$
134280197	G	$-1-23+4^5+6^7+8^9$	135467735	G	$(1-2+3^4)^*5^6+7+8^9$
134280206	G	$1^*2-3-4^*(5^6+7)+8^9$	135483344	G	$-1^*2+3^4+5^6+7+8^9$
134286536	G	$1-2-((-3-4^5)^*67-8^9)$	135536622	G	$-1+(2+3^4(4+5))^*67+8^9$
134286871	P	$-(1-(2^3+4^5)^*67)+8^9$	135616111	G	$-1-((2^*3)^4-5^6+7)+8^9$
134291457	G	$1-2^3(3^4)^*(-5-6-7)+8^9$	135616980	G	$((1+23^4)^*5+6^7+8^9)$
134309015	G	$-1+(2^*3^4)^*567+8^9$	135710710	G	$-1-(2-(3^*4)^5+6^7)+8^9$
134322721	G	$(-1-(2+3)^4+5^6)^*7+8^9$	135710712	P	$-(-1-(2^3+4)^5+6^7)+8^9$
134325969	G	$(-1^*2^*3^4+5^6)^*7+8^9$	135748978	G	$(1^*2^*(3+4)^*5^6)^*7+8^9$
134326515	G	$(-1-2-(3^4-5^6))^*7+8^9$	135812027	P	$-1-(2+3^*(-(4+5)^6+7)-8^9)$
134326521	P	$-1-(2-3^4+5^6)^*7+8^9$	136048490	G	$1-2-3^4+5^6(5-6^7+8^9)$
134326535	G	$1-2-(3^4-5^6)^*7+8^9$	136048494	G	$1+2-3^4+5^6(5-6^7+8^9)$
134326962	P	$-(1+((-2-3)^*4-5^6)^*7)+8^9$	136049300	G	$1-2+3^4+5^6(5-6^7+8^9)$
134327010	G	$-1-23^*4+5^6+7+8^9$	136049304	G	$1+2+3^4+5^6(5-6^7+8^9)$
134327011	G	$-1^*23^*4+5^6+7+8^9$	136281250	G	$(1^*(2+3^*4)^*5^6)^*7+8^9$
134327016	G	$-1-2-(3^*4-5^6)^*7+8^9$	136295853	G	$(1^*(23-4)^*5^6)^*7+8^9$
134327071	G	$1^*2-34+5^6+7+8^9$	136405228	G	$(-1^*(-2-3)^*4+5^6)^*7+8^9$
134327229	G	$(-1+23-(4-5^6))^*7+8^9$	136409571	G	$-1-2+(3+4)^*(5+6^7-8^9)$
134327341	P	$(-1+2)^*-(-34-5^6)^*7+8^9$	136457261	G	$-1+2^*(3+4)^*(5+6^7)+8^9$
134327669	G	$1-2+(3^4+5^6)^*7+8^9$	136747844	G	$(-1^*2/3^4-4)^*(5^6+7)+8^9$
134331199	G	$(1^*2^3)^4+5^6+7+8^9$	136750112	G	$(1^*2/3^4-4)^*(5^6+7)+8^9$
134335333	G	$-1^*2+(((3+4)^5-6)^*7+8^9)$	137010176	G	$(1^*2^*(-3^4-4+5))^*6^7+8^9$
134335334	G	$1-2+((3+4)^5-6)^*7+8^9$	137024000	G	$(1^*2^*(3^4-4+5))^*6^7+8^9$
134340601	G	$(1^*2^3)^4+5^6+7+8^9$	137170853	G	$(1^*(23+4)^*5^6)^*7+8^9$
134342677	G	$-1+2^*(3-4^*(5^6+7))+8^9$	137417716	G	$((1+((2+3)^4)^5)-6-7+8^9)$
134342726	G	$-1+2^*(3-4^*(5^6+7))-8^9$	137576897	G	$-1-2-3^*4^*(5-6^7)+8^9$
134342789	G	$-1+2^*(3+4^*(5^6+7))+8^9$	137717728	G	$1^*2^3+4^5+6^7+8^9$
134348776	G	$-1-23+(4^5-5-6+7)^*8^9$	137873970	G	$-1+234^5+6^7+8^9$
134348822	G	$-1+23+(4^5-5-6+7)^*8^9$	137873984	G	$-1+234^5+6^7+8^9$
134355464	G	$-1-2+(3^4(4+5)-6)^*7+8^9$	137936475	G	$-1-2+34^5+6^7+8^9$
134369169	G	$-1-2-3^*4^*(5/6-7^*8+9)$	138155228	G	$(1^*(2+34)^*5^6)^*7+8^9$
134369310	P	$1+2-3^*-4^*(5^6+7^*8+9)$	138353897	G	$-1+2^*(3^*4^*(5-6^7+8^9)+9)$
134369817	G	$-1-2-3^*4^*-5^*(6^7+8^9)$	138355013	G	$-1+2^*-3^*(4^*(5+6-7^8)-9)$

138355021	P	$1-2^3-4^*-(-5-6^*-(7^8-9))$	155649381	G	$-1-(2-3^*((4+5)-6)^*(7^8-9))$
138355302	G	$-1^*2^*3^*(4^*(5-(6+7^8)))-9$	155649584	G	$1^*2-3^*(4+5+6-7^8)^9$
138355451	G	$-1-2^3+4^*(5+6^*(7^8+9))$	155649597	G	$-1-(2-3^*(45-(6-7^8)^9))$
138355482	G	$-1+23+4^*(5+6^*(7^8+9))$	155649868	P	$-(1^*2)-3^*(4+5-6)^*(7^8-9)$
138356585	P	$-1+2^*(3^4^*-(-56-7^8)+9)$	155649921	G	$-1-(2-3^*(45-(6-7^8)^9))$
138706098	G	$-1-(2-3^*(4+5)^6*(78+9))$	155650814	G	$1-2+3^*(4^*(5+6)+7^8)^9$
138825768	G	$(1+2)^*3^4^5+(6^7+8)^9$	155652536	G	$1-2+3^*(4^5-(6-7^8)^9)$
138847697	G	$-1-(-2-3^*4^5)^*(6^7+8-9)$	155652860	G	$1-2+3^*(4^5-(-6-7^8)^9)$
138848253	G	$-1-2-(3^4)^5*(6-7^8)^9$	155815514	G	$1-2+3^*(4^5*6+7^8)^9$
139953318	G	$-1-(2-3^4)^*(5+6)^7(7+8-9)$	155890816	P	$-(1+2^3)^4+(5+6)^7*8+9$
139984896	G	$(1+23)/4^5(5-6-7)^8*9$	155896073	P	$-(1+2^*3^4-(5+6)^7)^8+9$
140189681	P	$-1-2^*(-(3-(-4-5))^6+7)+8^9$	155897084	G	$-1-2-(34-(5+6)^7)^8-9$
140189695	G	$-1+2^*(3^4)^5(5-6+7)+8^9$	155897628	G	$-1-2+(34+(5+6)^7)^8-9$
141087776	G	$-1-2+(3+4)^*(5+6^7+8^9)$	155998848	G	$(1^*2^*(3+4))^*(5^6*78-9)$
141087778	G	$1-2+(3+4)^*(5+6^7+8^9)$	156001152	G	$(1^*2^*(3+4))^*(5^6*78+9)$
141749927	G	$-1+((2-3)^4)^5*6^7-8^9$	156071391	G	$-1-2-3^*(4-5-6-7^8)^9$
141749982	G	$(-1^*2)^*(3^4/5^6-6^*-7^8+9)$	157500000	G	$(1^*(-2-3)^*4^5*6^*)^7*-8^9$
141750008	G	$-1+2/3^4-4^5*6^7*8+9$	157830325	G	$1+23^4*((5/6+7)^8*9)$
141760377	G	$(1+2+3)^4*(5^6*7+8)+9$	158000000	G	$(1^*2^*(3+4)^*5^6)^*(7+8^9)$
142292106	G	$(1^*(-2-3/4)^*(5^6-7^8))^9$	158670431	G	$((1+23^4)^*5^6+8+9)$
142605621	G	$-1-(-2^*(3+4^5)+6^7)^*(8+9)$	161414384	G	$-1-(23+4^*(5-(6-(7-8))^9))$
142606579	G	$-1+2^*(3+(4^5(5+6)+7)^*(8+9))$	161414393	G	$(-1-2^*3)^*(4^*(5-(6+7^8))+9)$
142607049	G	$-1-(-2^*(3+4^5)-6^7)^*(8+9)$	162072585	G	$(1^*(2^*3)^4)^*(5^6+7)^8+9$
142612951	G	$1^*23^4*5^6-7+8^9$	162108628	G	$-1^*(-2-3^4)^*(5^6(-6-(-7-8))-9)$
142736876	G	$-1+((2/34)^5-6^7+8)+9$	162108629	G	$1-(-2-3^4)^*(5^6(-6-(-7-8))-9)$
142858353	G	$(1^*(-2+3^4)^*5^6)^7+8^9$	162110122	G	$1^*(-2-3^4)^*(5^6(-6-(-7-8))-9)$
143290369	G	$1-2^*(3+4+5)^*(6^7+8+9)$	162983611	G	$-1+23^4*(5+6)^7(7+8-9)$
143295853	G	$(-1^*(-2-3^4)^*5^6)^7+8^9$	163146143	G	$-1-2-(3-4)^5*((6+7)^8+9)$
143306744	G	$1+2^*(3^4)^*(5+6^7/8)-9$	163577874	G	$-1-(2-(3+4^5(5+6)))^7-8^9$
143306762	G	$1+2^*(3^4)^*(5+6^7/8)+9$	163577911	G	$-1+(2^3+4^5(5+6))^7+8^9$
143347704	G	$1-2^*(3^4)^*(5-6^7/8)-9$	163578016	G	$-1+(23+4^5(5+6))^7+8^9$
143347722	G	$1-2^*(3^4)^*(5-6^7/8)+9$	164000000	G	$(-1^*2^*(3+4)^5*6^*)^*(7-8-9)$
143364097	G	$1+2^*(3+4+5)^*(6^7+8+9)$	164683117	G	$-1-2^*(3^*(4+5))^6-7/-8^9-9$
143420543	G	$-1+(2+3^4)^5*6^7(7+8-9)$	165941250	G	$(-1^*(2+3)^4)^*(5^6+7)^*(8+9)$
143437500	G	$1^*2^*3^4*5^6*(7+8)^9$	166090000	G	$(1^*(2+3)^4)^*(5^6+7)^*(8+9)$
143489049	G	$-1+(2-3^4(4+(5+6)))^*(7-(8+9))$	166561917	G	$-1-2+(-3-4)^5*(6^7+8+9)$
143783651	P	$-(1+2^*(3^4-(-4^5+6)+7))+8^9$	166640625	G	$(-1^*(2-3^4)^*5^6)^*(7+8)^9$
143783679	P	$-1+2^*(3^4-(-4^5+6)+7)+8^9$	167179139	G	$-1-(2-(34-5)^*(6+7^8-9))$
143935488	G	$(-1^*2^*(3+4)^*(5^6+7))^8*9$	167179217	G	$-1-(2-(3-4+5^6)/7^8-9)$
143999496	G	$(1^*2^*(3+4)^*5^6+7)^8*9$	167179235	G	$-1-(2-(3-4+5^6)/7^8+9)$
144000504	G	$(1^*2^*(3+4)^*5^6+7)^8*9$	167179487	G	$-1-(2-(3-4+5^6)^*(7^8+9))$
144064512	G	$(1^*2^*(3+4)^*(5^6+7))^8*9$	167179661	P	$-1-2+(-34+5)^*(6-(-7^8-9))$
145378002	G	$-1+(2+3/(4+5)^6)^7+8^9$	167698524	P	$-1-(-2-3^4-(-4^5+6))^7+8^9$
145608343	G	$-1-(2-(3/45)^6+7-8)^9$	168000024	P	$-1-2-3^*(-(4^5+6)^7+8+9)$
146126591	G	$-1+(23^4-5)^6*(7-(8-9))$	168962951	G	$-1-((2-(3-4^5)^6)^7+8+9)$
146890625	G	$(1^*(-2+3^4)^*5^6)^7*(8+9)$	169921874	G	$-1+(23^4-5)/(6+7-8)^9$
147002652	G	$-1-2+(3/-4+5)^6*(7^8+9)$	170382837	G	$-1-2-34^5*(6^7+8-9)$
147365247	G	$-1+(2^*(3+4^5)+6^7)^*(8+9)$	171051018	G	$1-(2^*34)^5*(5-(-6+7))^*-8+9$
148437497	G	$-1-(2+(-3^4+5)^*(6+7-8))^9$	171644938	G	$1^*2+(34^5(5-6+7)+8)/9$
149478576	G	$-1^*234^*(5^6-7^8)/9$	172475280	G	$(-1^*(2/-3+4)^*(5^6-7^8))^9$
149483177	G	$-1+2^*3^*(4-(5-6^7)^8)^9$	172942724	G	$-1-(2^*3)^4-5^*-6^*7^8-9$
149485817	G	$-1+2^*3^*(4-5+6^7)^8)^9$	172943413	G	$-1-(2+3)^4+5^*6^*7^8+9$
149625000	G	$(1^*(23-4)^*5^6)^7*8^9$	172943631	G	$-1-2^*(3+4)^*5^*-6^*(7^8-9)$
150291076	G	$1^*234^*(5^6+7^8)/9$	172943786	G	$-1-234+5^*6/7^8-9$
150609138	G	$1-(2-3^4/5^6)^7*(8+9)$	172943816	G	$-1+2^*3^*(-4-5^*(6-7^8))-9$
150609614	G	$1+(2-3^4/-5^6)^7*(8+9)$	172943921	G	$-1+2^*3^4+5^*6^*(7^8-9)$
151161117	G	$-1-2-3^4*5^*(6^7+8)^9$	172943933	G	$(-1+23)^*-4-(5^*6^*-7^8+9)$
152344208	G	$-1+((2+3)^4(4+5+6))^7*8-9$	172944146	G	$-1+2/3^4-4+5^*(6^7+8-9)$
153276541	G	$-1-2+(3+4^5)/6^7-8^9$	172944242	P	$-1+2^*3^*(4-5^*-6+7^8)+9$
153562500	G	$(1^*(2+3^4)^*5^6)^7*8^9$	172944254	G	$-1+234+5^*6/7^8-9$
154296164	G	$-1^*(2-3^4)^*(5^6(-6+(7+8))-9)$	172944461	G	$-1+2^*3^4-5^*6^*(7^8-9)$
154297269	G	$-1-(2-3^4)^*(5+(6+7-8)^9)$	172944663	G	$-1+(2+3)^4+5^*6^*7^8+9$
154297586	G	$-1^*(2-3^4)^*(5^6(-6+(7+8))+9)$	172945316	G	$-1+(2^*3)^4-5^*-6^*7^8-9$
154328125	G	$(-1^*(2-3^4)^*5^6)^7*(8+9)$	173412780	G	$(1^*(2/-3+4)^*(5^6+7^8))^9$
154467734	G	$-1+(2^*3)^4*5^6+7+8^9$	173822073	P	$(-1-(2+3)^4(4+5)-67)^8*9$
154524680	G	$-1+23^4*(5-6+7)^8+9$	173826879	P	$(-1-(2+3)^4(4+5)+6+7)^8*9$
155227641	G	$-1-2+3^*(-4-(5^6-7^8))^9$	174092543	G	$-1+((2-3^4-4)+5)^6*7^8+9$
155637312	G	$-1-(2+3^*(456-7^8)^9)$	174705585	G	$-1-(2-3^*(4^5+6-7^8)+9)$
155646714	G	$-1-(2+3^*(4^5+(-6-7^8)^9))$	174705621	G	$-1-(2-3^*((4^5)^6-7^8+9))$
155649341	P	$1-2-3^*(-4+(-5-(6-7^8))^9)$	174707711	G	$-1+(2+(3^4-4+5))/6^7-8^9$

175078125	G	$(1^*(-2-3^4)^5 5^6)^*(-7-8)^9$	192000243	G	$-1-(2-3^*((4^5)^6-(7-89)))$
176160623	P	$-1+2^*(3^4^-(-5-6)^7+8^*-9)$	192000260	P	$1-2-3^*-((4^5)^6+78+9)$
176160678	G	$-1+2^*3^4^-(5+6)^7-89$	192000287	P	$1-2-3^*-((4^5)^6+7+89)$
176160801	P	$-1+2^*(3^4^-(-5-6)^7+8+9)$	192000354	P	$-1-2-3^*-((4^5)^6-7^*(8+9))$
176160911	P	$-1+2^*(3^4^-(-5-6)^7-8^*-9)$	192000402	G	$-1-(2-3^*((4^5)^6-(-7-8)^9))$
176359768	G	$-1+(((2+3)^4+5)^6+7+89)$	192000504	G	$(-1+2)^*(3^*(4^5)^6+7^8+9)$
176768000	G	$(-1^*2^*(-3^4+5))^6+7+8^9$	192001509	G	$-1-(2-3^*((4^5)^6-7^*-8^9))$
176884389	P	$-1+2/-3^*(-(4^5)^6+7)+8^9$	192001511	P	$1-2-3^*-((4^5)^6-7^*-8^9)$
177267351	P	$-1-2+(3/4+5^6)^*(-(7^8+9))$	192002370	P	$1+2-3^*-((4^5)^6+789)$
177920256	G	$1^*2^((3+4)^*(5^6-7)^8+9)$	192679226	G	$-1-(2+3^*(4-(5+6)^7)-8^9)$
178079744	G	$1^*2^((3+4)^*(5^6+7)^8+9)$	193100484	G	$-1-(2-((3-4^5)^6-7)^8)-9$
178708549	P	$-1-2+(-3+4+5^6)^*(-(7^8+9))$	193150301	G	$-1+2^*(345^*(6^7-8)-9)$
179170431	P	$-1+2^-(-3-4)^*(5/6^7+89)$	193155834	G	$1+2^*(345^*6^7-8)+9$
179566550	G	$(-1^*2^*3^4)^*(5-6^7)+8^9$	193156017	G	$-1+2^*(345/6^7+89)$
179568170	G	$(1^*2^*3^4)^*(5+6^7)+8^9$	193156529	G	$-1+2^*345^*(6^7-8+9)$
179686673	G	$1+2^*3^*(5^-(-6+7+8)-9)$	194687500	G	$(-1^*(-2-3)^*4/5^6-6)^7+89$
179688329	G	$1+2^*3^*(5^-(-6+7+8)+9)$	195115409	G	$(1-(2-34-5)^6+7)^*(8+9)$
181395453	P	$-1-2+3^*(4^5-6^-(-7-(-8-9)))$	196001907	G	$1-2-34^*(5^6-7^8+9)$
181395459	P	$1+2+3^*(4^5-6^-(-7-(-8-9)))$	196002220	G	$-1-(2+34^*(5^6-7^8))+9$
181398662	P	$1-2+3^*(45+6^-(-7-8)+9)$	196002866	G	$-1-2-34^*(5+6-7^8)+9$
181398666	P	$1+2-3^*(45+6^-(-7-8)+9)$	196002868	G	$1-2-34^*(5+6-7^8)+9$
181401597	G	$-1-2+3^*(4^5+6^-(-7+(8+9)))$	196002891	G	$-1-(2-34^*(5-(6-7^8+9)))$
181401599	G	$1-2+3^*(4^5+6^-(-7+(8+9)))$	196002935	G	$1+2^*3+(-4-5^6)^*(-7^8+9)$
181401603	G	$1+2+3^*(4^5+6^-(-7+(8+9)))$	196003206	G	$-1-(2-34^*(5-(6-7^8))) +9$
181596816	G	$(1^*(2^*3)^4*(5^6-7^8))^9$	196003274	G	$-1-2-34^*(5-(6+7^8))+9$
182075040	G	$(1^*(2^*3)^4*(5^6-(7+8)))^9$	196003299	P	$-1-2-34^*(5+6-(-7^8+9))$
182168280	P	$-1^*(2^*3)^4*(-5^6+7)+8^9$	196003303	P	$-1+2-34^*(5+6-(-7^8+9))$
182168424	G	$(-1^*(2^*3)^4*(-5^6+7)+8)^9$	196003503	G	$-1-(2-34^*(5-(6-7^8+9)))$
182238336	G	$(1^*(2^*3)^4*(5^6+7-8))^9$	196003614	G	$-1-(2-34^*(5+6+7^8))+9$
182239794	G	$(1^*(2^*3)^4*(5^6-7/8))^9$	196003911	G	$-1-(2-34^*(5+6+7^8+9))$
182249424	G	$(1-2^*3^4*5^6+7)^*-8^9$	196003913	G	$1-2+34^*(5+6+7^8+9)$
182250576	G	$(1+2^*3^4*5^6+7)^*8^9$	196003947	G	$1-2-34^*(-5^6-7^8+9)$
182260206	G	$(1^*(2^*3)^4*(5^6+7/8))^9$	196004260	G	$-1-2-34^*(-5^6-7^8)+9$
182261664	G	$(1^*(2^*3)^4*(5^6-(7-8)))^9$	196004829	P	$-1-2-34^*(-(56+7^8)+9)$
182331576	P	$-(-1^*(2^*3)^4*(5^6+7)+8)^9$	196005441	G	$-1-(2-34^*(56+7^8+9))$
182331720	G	$(1^*(2^*3)^4*(5^6+7)+8)^9$	196323711	G	$-1-2+((3^4)^5-6)^7+89$
182424960	G	$(1^*(2^*3)^4*(5^6+7+8))^9$	197132264	G	$-1-2+3^4*(5+6)^*(7^8-9)$
182903184	G	$(1^*(2^*3)^4*(5^6+7+8))^9$	197132279	G	$(-1-2)^*3-4^*(5+6)^*(-7^8+9)$
183159792	G	$(1^*(2^*3)^4*(5^6+7+8))^9$	197132310	G	$-1+2+3^4*(5+6)^*(7^8-9)$
183830279	G	$-1-2+(34^5+6)^*7-8^9$	197437517	G	$-1+2^*(3^4*5^6+7+8+9)$
184953125	G	$(1^*(23-4)/5^6-6)^*7+89$	197764792	P	$(-1+2)^*(-3^*(4^5)^6-7^8+9)$
186235190	P	$(-1+2)^*(-3^*(4^5)^6+7^8)-9$	198217697	G	$-1-(23-(4^5)^6+7-8^9)$
186779349	G	$(-1^*2^*3^4)/5^*(6-7^8)-9$	198885942	G	$-1-2+(3/4+5)^6*(7^8+9)$
186779367	G	$(-1^*2^*3^4)/5^*(6-7^8)+9$	199874301	G	$-1-2+(-3+45)^6*7^*(8+9)$
186779844	G	$(1^*23+4)/5^*(6^*(7^8+9))$	200502513	G	$(-1^*(-2^-(-3+4)^*(5^6-7^8)))^9$
187499999	G	$-1+2^*(3+45)^*(6+7-8)^9$	201056256	G	$(1^*2^*(-3^4-4+5))^6+7^8+9$
188117061	G	$-1-(2-((3+4+5)^6+7+8)^9)$	201326264	G	$-1+2^*3^*(4^5+6+7)^*8+9$
188999999	G	$-1+2^*3^4*5^6*7^8+9$	201326273	G	$-1+2^*(3^*(4^5+6+7)^*8+9)$
189859860	G	$(1^*2^*(3^4*(4^5-6)+7^8))^9$	201326696	G	$1+2^*(3^4*(5+6)+7)^*8-9$
191056320	P	$(-1+(2^*(3+4+5)))/6^-((7+8)-9)$	201326697	G	$-1-2-3^*-4^*((56/7)^8+9)$
191998485	G	$-1-(2-3^*((4^5)^6+7^*-8^9))$	201326945	P	$-1+2^*(3^*(4^-(-5-6)+7)^*8+9)$
191998487	P	$1-2-3^*-((4^5)^6-7^8+9)$	201326981	G	$-1+2^*3^*((4^5+6+7)^*8+9)$
191999592	G	$-1-(2-3^*((4^5)^6+(-7-8)^9))$	201542256	G	$(-1^*2^*(3^4-5/6^7-7))^*8^9$
191999640	G	$-1-(2-3^*((4^5)^6-7^*(8+9)))$	201552462	G	$(-1^*2^*(3^4-5^6+7^8))^9$
191999711	P	$1-2-3^*-((4^5)^6-(7+89))$	201553349	G	$-1+2^*(3+(4-5/6^7-7)^*8-9)$
191999738	P	$1-2-3^*-((4^5)^6-(78+9))$	201555378	G	$(1^*2^*(3^4+5^6+7^8))^9$
191999753	P	$1-2-3^*(-(4^5)^6-7+89)$	201565584	G	$(1^*2^*(3^4+5/6^7-7))^*8^9$
191999790	G	$-1-(2-3^*((4^5)^6-(78-9)))$	201767507	G	$-1-2+(-3-4)^5*(6-(7^8-9))$
191999918	P	$(-1+2)^*(-(3^*(4^5)^6+7)+89)$	201767759	P	$-1-2+(-3-4)^*(-5^*(6-7^8)-9)$
191999928	G	$-1-(2-3^*(4^5)^6)-78+9$	201767800	G	$-1-234+5^*(6-7+8)^9$
192000041	P	$1+2-3^*-((4^5)^6+7)+8+9$	201767916	P	$(-1-2^*3)^*(-(4-5^*(6-7^8)+9))$
192000047	P	$(-1+2)^*(-3^*(4^5)^6-7^8)-9$	201767954	G	$(-1+2)^*-3^4+5^*(6-(7-8))^9$
192000051	P	$-1-2-3^*-((4^5)^6+7+8)+9$	201767989	G	$-1-(2+3)^*(4+5-(6-7+8)^9)$
192000079	G	$-1-(2-3^*(4^5)^6)-7+89$	201768061	G	$(1-2-34)^*(5-(6-7^8))-9$
192000093	G	$-1-2-(3^*(4^5)^6-7)+89$	201768268	G	$-1+234+5^*(6-7+8)^9$
192000121	P	$1^*2-3^*-((4^5)^6-7^*(8+9))$	202051584	G	$(1^*2^*(3^4-4+5))^6+7^8+9$
192000192	G	$-1-(2-3^*((4^5)^6-(7-8^9)))$	203794227	P	$(-1-23)^*4+5^*(6-7^8+9)$
192000206	P	$1-2-3^*(-(4^5)^6-78+9)$	204211124	G	$-1-(-2-3^4)^5*5^6*(7+8)^9$
192000224	P	$1-2-3^*(-(4^5)^6-78)-9$	206592767	G	$-1+(2^*(3+4)-5)^6*(7-(8-9))$
192000236	P	$1-2-3^*-((4^5)^6+7+8^9)$	206970337	G	$-1^*2+3-4^*(5^6-7^8)^9$

206970340	G	$-1+2+3-4*(5^6-7^8)*9$	236356847	G	$-1-2-(3-4*(5+6))/7^8-8+9$
207470335	G	$1*2-3-4*(5^6-7^8)*9$	238000000	G	$(1*2^3(3+4)*5^6)^7*(8+9)$
207470341	G	$1*2+3-4*(5^6-7^8)*9$	240234374	G	$-1+(2^3(3+4)-5)*(6+7-8)^9$
207470359	G	$1*23-4*(5^6-7^8)*9$	241465392	G	$(-1*(2/3+4)*(5^6-7^8))^9$
207529749	G	$(1*(-2-(3+4)^{-5+6})*7^8)*9$	241864676	G	$-1*2^3-4*(5-6^{\wedge}(-7+8+9))$
207531431	G	$-1-(-2-34)*(-5*6+7^8-9)$	241864732	G	$1*2^3+4*(5+6^{\wedge}(-7+8+9))$
207532509	G	$-1-2-(3-45+6)*(7^8-9)$	241864748	P	$1+23-4*(-5+6^{\wedge}(-7-8)+9))$
207532724	G	$-1+2*-3*(4*5-6*7^8)+9$	242120381	G	$-1-(2/3+4)*(5*6-7^8)*9$
207535923	G	$(-1*(2-(3+4)^{-5-6})*7^8)*9$	242120383	G	$1-(2/3+4)*(5*6-7^8)*9$
207595335	G	$1*2-3+4*(5^6+7^8)*9$	242121009	G	$-1-2+(3-45)*(6-7^8+9)$
207595341	G	$1*2+3+4*(5^6+7^8)*9$	242121296	G	$-1-2+(3+4)*(5+6*(7^8-9))$
207595359	G	$1*23+4*(5^6+7^8)*9$	242121765	G	$-1-(2+(-3+45)*(6-7^8-9))$
208406250	G	$(1*(23-4)/5^{\wedge}6)*78*9$	242121767	G	$1-2+(3-45)*(6-(7^8+9))$
209294391	G	$-1-(2-3*((4*5)^{\wedge}6+7^8)+9)$	242122052	P	$-1-2+(-3-4)*(-5-6*(-7^8-9))$
209294427	G	$-1-(2-3*((4*5)^{\wedge}6+7^8+9))$	242122901	G	$-1+(2/3+4)*(5*6+7^8)*9$
209977345	G	$1*23(3/4)^{\wedge}5*-6*7^8*9$	242122903	G	$1+(2/3+4)*(5*6+7^8)*9$
213438159	G	$(-1*(2^{\wedge}3+4)*(5^6-7^8))^9$	243906369	P	$(-1-23)^{\wedge}4+5^{\wedge}6(6+7+8-9)$
213909350	P	$-1-(2-3*4^{\wedge}(-5-6)+7)*(8+9)$	243931265	G	$-1-(2-3^{\wedge}(4+5+6)+7)*(8+9)$
213909418	G	$-1+(2+3*4^{\wedge}(5+6)-7)*(8+9)$	243931297	G	$-1-(2-(3^{\wedge}(4+5+6)-7)*(8+9))$
213909858	G	$-1+2+3*(4^{\wedge}(5+6)+7)*(8+9)$	243931333	G	$-1-(2-3^{\wedge}(4+5+6)+7)*(8+9)$
213909860	G	$1-2+3*(4^{\wedge}(5+6)+7)*(8+9)$	244134999	G	$-1+(2+3)^{\wedge}4*((5/(6-7))^{\wedge}8-9)$
214150648	G	$-1-(23-45/6^{\wedge}7)*(8+9)$	244136528	G	$-1-2^{\wedge}(3*4)+5^{\wedge}(6+7+8-9)$
214990341	P	$-1-2+(-3+4+5)^{\wedge}6+7)^*-8*9$	244136530	G	$1-2^{\wedge}(3*4)+5^{\wedge}(6+7+8-9)$
214991999	G	$-1+2*(3+4)*((-5+6-7)^{\wedge}8+9)$	244139328	G	$-1-(2*3)^{\wedge}4+5^{\wedge}6(6+7+8-9)$
215233505	P	$-1-(-23+4)^{\wedge}5+6*(7+8)-9$	244141920	G	$-1+(-2*3)^{\wedge}4+5^{\wedge}6(6+7+8-9)$
215233565	P	$-(1+(2-3^{\wedge}(4+5+6))*(7+8))-9$	244144720	G	$-1+2^{\wedge}(3*4)+5^{\wedge}(6+7+8-9)$
219375000	G	$(1*(-2-3)*4/-5^{\wedge}6)*78*9$	244850685	G	$-1-(2+(3+4+5)^{\wedge}6*(7-8))$
224799402	P	$-(1+2-3^{\wedge}(4*5-6))*(7^8-9)$	248527872	G	$(-1*2*(3^{\wedge}4-5))^6*7^8*9$
224799449	P	$-(1*2-3^{\wedge}(4*5-6))*(7^8-9)$	249128622	G	$(-1*2*(3^{\wedge}4-5/6^{\wedge}7))^8*9$
224799545	G	$1*2+3^{\wedge}(4*5-6)*(7^8-9)$	249142333	G	$-1+2*(3+(-4-5*6^{\wedge}7))^8*9$
224826910	G	$-1+23+(45-6)*(7^8-9)$	249157458	G	$(1*2*(3^{\wedge}4-5/-6^{\wedge}7))^8*9$
224827119	G	$-1-(2-(3+4+5)*(6+7^8-9))$	249758208	G	$(-1*2*(-3^{\wedge}4-5))^6*7^8*9$
224827242	G	$-1-(2+3-(45-6)/7^{\wedge}8-9)$	249782229	P	$-1+2*-3*(-(4*5)^{\wedge}6+7)-8^{\wedge}9$
224827251	G	$(-1+2)*(3+(-45+6)/-7^{\wedge}8-9)$	249998847	G	$-1+2^{\wedge}(3+4)*(5^{\wedge}6-(-7-8))-9$
224827253	G	$1*23+(45-6)*7^8-9$	251999999	G	$-1+2^{\wedge}3*4*5*6*7*8*9$
224827821	P	$-1-2+(-34-5)*(-6-7^{\wedge}8-9))$	252000001	G	$1+2^{\wedge}3*4*5*6*7*8*9$
225088508	G	$-1+2*34^{\wedge}5-67+8^{\wedge}9$	253650824	G	$-1-23-4*(-5-6)*(7^8-9)$
226733742	G	$(1*2*3^{\wedge}4)*(5/6^{\wedge}7-8-9)$	253650870	G	$-1+23-4*(-5-6)*(7^8-9)$
226734390	G	$(1*2*3^{\wedge}4)*5*(6^{\wedge}7-8-9)$	253651302	G	$-1+(23+4*(5+6)*7^8+9))$
226740222	G	$(-1*2*3^{\wedge}4)*5*(6^{\wedge}7+8)+9$	253651637	G	$-1-2-(3*4-56)*(7^8+9)$
226741671	G	$(1*2*3^{\wedge}4)*5*(6^{\wedge}7-8)-9$	253903837	G	$-1-2+34*5*(6-7/(8+9))$
226741689	G	$(-1*2*3^{\wedge}4)*5*(6^{\wedge}7+8)+9$	256603545	G	$(-1*(2+3)*(4*5*6-7^8))^9$
226743138	G	$(1*2*3^{\wedge}4)*5*(6^{\wedge}7-8)+9$	256981245	G	$-1-2+(3/-4+5)*6^{\wedge}(-7-(-8-9))$
226745406	G	$(1*2/3^{\wedge}4)*5*(5*6^{\wedge}7-8-9)$	256981251	G	$1+2+(3/-4+5)*6^{\wedge}(-7-(-8-9))$
226746855	G	$(1*2*3^{\wedge}4)*5*(5*6^{\wedge}7-8)-9$	258712920	G	$(-1*(-2+3+4)*(5^{\wedge}6-7^8))^9$
226746873	G	$(1*2*3^{\wedge}4)*5*(5*6^{\wedge}7-8)+9$	259135933	G	$-1-(23^{\wedge}4+5*(6-7^8)*9)$
226747350	G	$(1*2*3^{\wedge}4)*5*(6^{\wedge}7+8-9)$	259408365	G	$1*(-2-3)*((4*5/6-7^8)*9)$
226747998	G	$(1*2*3^{\wedge}4)*5*(5*6^{\wedge}7+8-9)$	259411678	P	$-1-2^{\wedge}(3*4)-5*(-6+7^8)*9$
226748322	G	$(1*2/3^{\wedge}4)*5*(5*6^{\wedge}7-8+9)$	259414317	G	$(-1*2*3^{\wedge}4-5*(6-7^8))^9$
226748970	G	$(1*2*3^{\wedge}4)*5*(6^{\wedge}7-(8-9))$	259415540	G	$-1-(23+5*(6-7^8)*9)$
226749447	G	$(1*2*3^{\wedge}4)*5*(5*6^{\wedge}7+8)-9$	259415646	G	$-1-(2^{\wedge}(3+4)+5*(6-7^8)*9)$
226749465	G	$(1*2*3^{\wedge}4)*5*(5*6^{\wedge}7+8)+9$	259415932	P	$-1+23-45*(-(6+7^8)+9)$
226750914	G	$(1*2/3^{\wedge}4)*5*(5*6^{\wedge}7+(8+9))$	259416008	G	$1-2-(34-5*(6+7^8))^9$
226753182	G	$(1*2*3^{\wedge}4)*5*(6^{\wedge}7+8)-9$	259416078	P	$-1-2-(-34-5*(-6-7^8))^9$
226754631	G	$(-1*2*3^{\wedge}4)*5*(-6^{\wedge}7-8)-9$	259416382	G	$-1+2*34-5*(-6-7^8)*9$
226754649	G	$(1*2*3^{\wedge}4)*5*(6^{\wedge}7+8)+9$	259416696	G	$-1-(23-45*(6+7^8+9))$
226756098	G	$(1*2*3^{\wedge}4)*5*(5*(6^{\wedge}7+8)+9)$	259416711	G	$-1-(2^{\wedge}3-45*(6+7^8+9))$
226761930	G	$(1*2*3^{\wedge}4)*5*(6^{\wedge}7+(8+9))$	259416727	P	$1-2*-3-45*(-6+7^8+9)$
226762578	G	$(1*2*3^{\wedge}4)*5*(6^{\wedge}7-8+9)$	259417773	G	$(1*2*3^{\wedge}4+5*(6+7^8))^9$
226820250	G	$(-1*2*3^{\wedge}4)*5*(-6^{\wedge}7-8-9)$	259418584	G	$-1+(2+3)*(4+(56+7^8)*9)$
227812497	G	$-1-2-3/4*(5*6)^{\wedge}7/(-8*9)$	259419870	P	$-1+2^{\wedge}(3*4)-5*(-6+7^8)*9$
233624999	G	$-1+2*3*4*5*6*7*8*9$	259423725	G	$-1*(-2-3)*((4*5/6+7^8)*9)$
233844981	G	$-1-2-3*4*((-5-6)^{\wedge}7+8+9)$	260119170	G	$(1*(-2+3+4)*(5^{\wedge}6+7^8))^9$
233845782	G	$-1-(2-3*(4/(5+6)^{\wedge}7-8-9))$	262217737	G	$1-2*(3-((4*5)^{\wedge}6+7))^8+9$
233845833	G	$-1-(2-3*(4/(5+6)^{\wedge}7-8*9))$	262217747	G	$-1+2*(3+(4*5)^{\wedge}6+7)+8^{\wedge}9$
233846082	G	$-1-(2-3*(4*(5+6)^{\wedge}7+8))^9$	262228545	G	$(1*(-2-3)*(-4*5^{\wedge}6-7^8))^9$
233846172	G	$-1-(2-3*(4*((5+6)^{\wedge}7+8)+9))$	262828125	G	$(1*(23+4)/5^{\wedge}6)*7^8*9$
233846253	G	$-1-(2-3*4*((5+6)^{\wedge}7+8+9))$	263250000	G	$1*2*3*4*5*6*7*8*9$
234880945	G	$(-1+2*3*4^{\wedge}(5+6))*7-8*9$	263699712	G	$1*(2*3^{\wedge}4-5)*6^{\wedge}(7-8+9)$
235203943	G	$-1+2-34/5*(-6*7^8-9)$	264241194	G	$-1-(2+(3-4^{\wedge}(5+6)*7-8)*9)$

265636109	G	$-1+2*(3+4-(5*6^7-8^9))$	289733586	G	$1+23*(45/6^7-7-8)+9$
267845928	G	$(1*(-2/3+(4+5)^6)*7^8)^9$	291321245	G	$-1-(2-34^5*(6+7/(8+9)))$
267846477	G	$-1-2+(3+(4+5)^6*7)^8*9$	291796874	G	$-1-(2-3^4)*5*(6-7)^8*9$
267846600	G	$(-1*(-2/3-(4+5)^6)*7)^8*9$	295279146	G	$-1-(2-(3-4/5)^6*(6+7+8^9))$
267847773	G	$-1-2+(3+(4+5)^6)*7^8*9$	295874999	G	$-1+2*3^4*5^6*7^8$
267875607	G	$-1+2*(3+(4+5-6^7+8^9))$	296071753	G	$-1+2*(3+4^5)^6-7-8-9$
267914949	G	$-1+2*(3^4(4+5)-6^7+8^9)$	298971705	G	$-1-2-3*-4*(5+6^7*8^9)$
268199245	G	$-1-2*(3^4(4+5)*6+(7-8^9))$	299769668	G	$1+2*3-(4-56)^7*8+9$
268279199	G	$-1-2*(3+(4-(5-6))^7-8^9)$	299770142	P	$-1+23+(-4+56)*(-7^8-9)$
268304381	G	$-1-2+(3-4^5-5+(6-7))^8*9$	299770144	P	$1+23+(-4+56)*(-7^8-9)$
268433919	G	$-1-2*(3^4(5+(6-7))-8^9)$	299999970	G	$-1-2+3*((4+5)-6+7)^8-9$
268435699	G	$-1+2*((3^4*5-6-(7-8^9))$	300837888	G	$(-1*2*3^4-4*5)^6*(-7+(8+9))$
268435743	G	$-1+2*(3^4+56+(7+8^9))$	301326912	G	$((1-2+3^4(4*5-6))^7-8)^9$
268435769	G	$1-2*((-3-(4+5))^6*(6+7)-8^9)$	301326966	G	$(1-2+3^4(4*5-6))^7-8)^9$
268443653	G	$-1+2*(3+4^5(5-(6-7))+8^9)$	301327164	G	$((1+2+3^4(4*5-6))^7-8)^9$
268566525	G	$-1-2*(3+4^5-5+6-7)/8^9-9$	301327308	P	$-((1+2+3^4(4*5-6))^7-8)^9$
268572269	G	$-1+2*((-3+4^5)*6+7+8^9)$	301989360	G	$-1-23+(4^5(5+6)-7)^8*9$
268670837	G	$-1+2*((3+4)^5+6)^7+8^9$	301989406	G	$-1+23+(4^5(5+6)-7)^8*9$
268895834	P	$1-2+3*(-4^5(5+6)-7^8)^9$	302271830	G	$-1+(2+3-4^5)/6^7(7-8-9)$
268933147	G	$1+2*((3^4)^5+6+7+8^9)$	302322024	P	$(-1-23)*(-45*(6^7-8-9))$
268995351	G	$-1+2*(3+(4+5+6^7+8^9))$	302330780	P	$(-1*2-3)^4*(4*5-6^7(-7+(8+9)))$
269034693	G	$-1+2*(3^4(4+5)+6^7+8^9)$	302330980	G	$((1*2)+3)^4*(4*5+6^7(-7+(8+9)))$
269999997	G	$-1-2+3^4/(5^6-6)^7*(8-9)$	302332092	G	$-1-2-3*45*(6^7*8-9)$
270082535	G	$-1-2*(3+(4-(5+6))^7-8^9)$	302389928	G	$-1+(2+3+4^5-5)/6^7(7-8-9)$
270945653	G	$-1-(2-(3+4*(5+6))^7+8^9)+9$	303470158	G	$-1-23^4+(5*6)^7/(8^9)$
272096982	G	$(-1*2*3^4)^5*(5-6^7(7-8+9))$	303745903	G	$-1-2^2(3^4)+(5*6)^7/(8^9)$
272097789	G	$-1-2-3*(4+5)^6*(6*(7-8))^9$	303748703	G	$-1-(2*3)^4+(5*6)^7/(8^9)$
272098602	G	$(1*2*3^4)^5*(5+6^7(7-8+9))$	303749871	G	$-1-2^2(3+4)+(5*6)^7/(8^9)$
272611853	P	$-(1-(2+34^5)^6)-78^9$	303750019	G	$-1-(-2-3)^4+(5*6)^7/(8^9)$
272611932	P	$-(1-(2+34^5)^6)-7^8*9$	303750037	G	$1+2+34+(5*6)^7/(8^9)$
272612397	G	$-1*(2-34^5)^6+(-7-8)^9$	303750078	G	$-1-(2-3^4+(5*6)^7/(-8^9))$
272612408	G	$1-2*(34^5*6-(7+8)^9)$	303750127	G	$-1+2^2(3+4)+(5*6)^7/(8^9)$
272612660	G	$-1-2+34^5*6+7*(8+9)$	303750233	G	$-1+234+(5*6)^7/(8^9)$
272612678	G	$1-2+(34^5*6+(7+8)^9)$	303750235	G	$1+234+(5*6)^7/(8^9)$
272629562	G	$-1-(2-(3-4^5(5+6))^7-8^9)$	303751295	G	$-1+(2*3)^4+(5*6)^7/(8^9)$
272630149	G	$-1-(2*3+4^5(5+6))^7*(7-8^9)$	303754095	G	$-1+2^2(3^4)+(5*6)^7/(8^9)$
275390624	G	$-1+(2+3)^4(4+5)^6*(6+(7+8)^9)$	303823872	G	$(1*2/3^4+5)/6^7(7-8-9)$
276710296	G	$-1+2^3*3^4(-4*5-6/-7^8-8)+9$	303887367	G	$(1*2*(3-4/56)/7^8-8)^9$
276710301	G	$-1-(2-(3+45)^6*(6+7^8-9))$	304029840	G	$-1+23^4+(5*6)^7/(8^9)$
276710331	G	$1-2*(3+4^5(5-6/7^8-8+9))$	306063360	P	$(1-2-3^4-4)^5(-5/6^7(-7+8+9))$
276710454	G	$-1-2-(3-(45+6))/7^8-8+9$	307924254	G	$(1*2*3^4(-4^5*6+7^8))^9$
276711165	P	$-1-2+(-3-45)^6*(-6-(7^8-9))$	308203125	G	$(1+2*3^4)/(5^6-6/789)$
278001379	G	$-1+2*(3^4(4*5-6)-7+8^9)$	308828625	G	$(1*(2/(3-45)+6)^7*8)^9$
278001407	G	$-1+2*(3^4(4*5-6)+7+8^9)$	310892854	G	$-1+(-2+3^4(4*5-6))^7*(-7+8^9)$
280169028	G	$(-1-2)*3^4/-5*(-6+7^8)-9$	310892984	G	$1-2+3^4(4*5-6)^7*(7^8+9)$
280169046	G	$(-1-2)*3^4/-5*(-6+7^8)+9$	310892987	G	$1*2+3^4(4*5-6)^7*(7^8+9)$
282475211	P	$-1-2+(3+4)^5*(-5-(6-(7-8))^9)$	310893114	G	$-1-(-2-3^4(4*5-6))^7*(-7+8^9)$
283419645	G	$-1-2+(3^4)^5*6^7*(8+9)$	311199254	G	$(1*2-3^4)^5+6^7*8^9$
283500000	G	$(1*(2+34)^5*6)^7*8^9$	311200470	G	$(-1*((2/(3+4))^5-6)^7*8)^9$
284414958	G	$-1+(-2^3+4^5)/6^7-7-8-9$	311291063	G	$1-2^3*4^5+6^7*8^9$
285806478	G	$1-2-(3-4^5)^6*(6^7-8)-9$	311291964	G	$((-1*2*3^4)^5+6^7*8)^9$
285806494	G	$-1-(2+(3-4^5)^6*(6^7-8))+9$	311293080	G	$1*(2-3^4(4+5+6)/7^8-8)^9$
285822830	G	$-1-2-(3-4^5)^6*(6^7+8)+9$	311297886	G	$(1*2*(3^4+5)-6^7*8)^9$
286580712	G	$-1-23+4^5*(6^7-8^9)$	311298444	G	$(-1*2*3^4(4+5+6-7^8))^9$
286619454	G	$-1+(-2^3+4^5)/6^7-7-8-9$	311298534	G	$((1-2+3)^4*5-6^7-8)^9$
286619481	G	$((-1+2^3+4^5)^6*7/8+9)$	311298633	G	$(-1-23-(45-6^7*8))^9$
286646239	G	$-1-23+4^5*(6^7-8)-9$	311298714	G	$(-1+2)^3*(3^4*5-6^7-8)^9$
286653438	G	$-1+2-(3-4^5)^6*(6^7+8-9)$	311298909	G	$(1-2)^3*345+6^7*8^9$
286655464	G	$-1-(23-4^5*(6^7-(8-9)))$	311299003	G	$1+(-2^3-4^5-6^7-8)^9$
286662623	G	$-1-(23-4^5*(6^7+8))-9$	311299014	G	$1+2-(3*(4+5)-6^7*8)^9$
286671848	G	$-1-(23-4^5*(6^7+8+9))$	311299096	G	$-1+23-(4*5-6/7^8-8)^9$
286728168	G	$-1-23+4^5*(6^7+8^9)$	311299124	G	$(1-23-4)^5+6^7*8^9$
286745607	G	$1+2*3+4^5*(6^7+8^9)$	311299194	G	$((-1+2/3)^4*5-6/-7^8-8)^9$
287486062	G	$-1-2+(3+4^5)^6*(6^7-8)+9$	311299337	G	$1-2+3+(4+5+6/7^8-8)^9$
287502478	G	$1-2+(3+4^5)^6*(6^7+8)-9$	311299354	G	$(1+23-4)^5+6^7*8^9$
287502494	G	$-1-2+((3+4^5)^6*(6^7+8)+9)$	311299410	G	$1+2+(-3+4^5-6^7-8)^9$
287585674	G	$1-2+(3+4^5)^6*(6^7+8^9)$	311299414	G	$1*2^3*4^5+6^7*8^9$
289406998	G	$-1+23+4^5(5+6)^7(8-9)$	311299597	G	$1+2*(3*(4+5)-6^7*8+9)$
289407180	G	$-1-(2-(3+4^5(5+6))^7(8-9))$	311300063	G	$-1+2*3^4(4+(5+6+7^8))^9$
289725272	G	$-1+23*(45*(6^7-8)-9)$	311300622	G	$(-1*2*(3^4+5)-6^7-8)^9$

311303345	G	$(1*2^3)^4-5+6*7^8*9$	327155934	G	$-1-2+(3+4^5(5+6))*78-9$
311303349	G	$((-1+23^4)^5+6/7^8-8)^9$	327155952	G	$-1-2+(3+4^5(5+6))*78+9$
311303355	G	$(1*2^3)^4+5+6*7^8*9$	327505229	G	$-1+234*5*((6^7-8)-9)$
311305428	G	$(1*(2*(3+4)^5+6)/7^8-8)^9$	327513653	G	$-1+234*(5*(6^7-8)-9)$
311306544	G	$((1*2^3*4)^5-6*-7^8)^9$	327526289	G	$-1+234*5*(6^7-8+9)$
311307447	G	$1+2^3*4^5+6*7^8*9$	328124999	G	$-1-(2-34^5)/(6+7-8)^{-9}$
311319734	G	$(1*2^3)^4*5+6*7^8*9$	328593663	G	$-1-2-(3-(4+56))/7^8-9$
311398038	G	$(1*((2/(3+4))^5+6)*7^8)^9$	330024930	P	$-(1-2-3^4(4^5-6))*(78-9)$
311499999	G	$-1+2^3*4^5*6*7^8*9$	331281326	G	$-1-(2+(34-(5+6)^7)*(8+9))$
311670547	G	$(1+2^3+4)^5+6*7^8*9$	331281930	G	$-1+(2^3*4+(5+6)^7*(8+9))$
311837078	G	$(1+2^3*4)^5+6*7^8*9$	331282108	G	$-1-(2-(3^4+(5+6)^7)*(8+9))$
313769883	G	$(-1*(2/(3-45)-6)*7^8)^9$	331349541	G	$-1-(2^3-4^5(5+6))*(7+8^9)$
313987296	G	$-1+23*(4+(5+6)^7)-8^9$	331350013	G	$(1-2)^*(3-4^5(5+6)*(7+8^9))$
314572797	G	$-1-2-3*(4^5(5+6)*7-8^9)$	331350250	G	$-1-(2-(3+4^5(5+6))*(7+8^9))$
314674254	G	$(-1*2^3*(-4^5*6-7^8))^9$	331350410	G	$-1+(2+(3+4^5(5+6))*(7+8^9))$
316240293	G	$-1-2+3*((4*5-6)^7-8^9)$	334358371	G	$1*(2/3+(4+5))*(6/7^8-9)$
316240458	G	$-1-(2-3*(4*5-6)^7-8^9)$	334358545	G	$1*(2/3+(4+5))*(6/7^8-9)$
316240542	G	$-1-2+(3*((4*5-6)^7+8)+9)$	337416182	G	$-1+2*(3^4)^5*678-9$
316240600	G	$1-2+3*(4*5-6)^7+8+9$	340112517	G	$-1-2-3*45*(-6^7+8)^9$
316240725	G	$-1-2+3*((4*5-6)^7+8^9)$	340122021	G	$-1-2+3*(4^5/6^7-8)^9$
316240776	G	$-1-2+3*((4*5-6)^7+8+9)$	340124183	G	$-1+(23+4)^5*(5*6^7+8)^9$
316404792	G	$(1*2/3^4-4)^5*(5^4(-6+(7+8))-9)$	340400808	G	$(1*2*(3^4-5))^5*(6^7*8-9)$
316406241	G	$(1*2/3^4-4)/5^4(6-7-8)-9$	340402167	G	$(-1*2*(-3^4+5))^5*6^7*8-9$
316406259	G	$(1*2/3^4-4)/5^4(6-7-8)+9$	340402185	G	$(-1*2*(-3^4+5))^5*6^7*8+9$
316407708	G	$(1*2/3^4-4)^5*(5^4(-6+(7+8))+9)$	340403544	G	$(1*2*(3^4-5))^5*(6^7*8+9)$
317064061	G	$-1-2+((3-4+56)*7^8+9)$	341718666	G	$-1+2*(3+(4+5+6)^7)-8+9$
318047834	G	$-1-(2-(34^5-6)*7)-8+9$	341718726	G	$-1-(2*(3-(4+5+6)^7)+8)-9$
318048098	G	$1-2+(34^5+6)*7+8+9$	342641831	G	$-1-(2-34^5(5-(6/(7-8))^9))$
318711141	G	$(1*2*(3+4/56)/7^8-8)^9$	343289872	G	$(1*2)^*(34^5(5-6+7)+8)/9$
320000029	G	$-1-(2-3)*((4^5)^6+7+8-9)$	343932679	G	$-1-(2-(3-4^5(5+6))*(7-8+9))$
322122645	G	$-1-2-3*4/5*(-6*7-8^9)$	343932919	G	$-1-2^3-4^5(5+6)*(7-8+9)$
322122651	G	$1-2+3*4/5*(-6*7-8^9)$	343933171	G	$-1-2-(3+4^5(5+6))*(7-8+9)$
322122711	P	$1+2-3*4/5*(6+7+8^9)$	343933419	G	$-1-(2^3+4^5(5+6))*(7-8+9)$
322486341	G	$-1-2+((3^4*(5+6))^7+8)^9$	344095776	G	$(-1*(2^3)^4*(5^6+7))^5*(8+9)$
322548510	G	$-1-(23^4-56*(7^8-9))$	344191680	G	$-1-2+3*(4-(5+6)^7+8^9)$
322594609	P	$((1-23)^4-56*7^8+9)$	344373121	G	$1-(2-3^4(4^5-6+7))^8*9$
322824255	P	$-1-2^3(3^4)-56*(7^8-9)$	344373409	P	$1+(-2-3^4(4^5-6))-7)^8*9$
322827552	G	$1-(2*3)^4-56*7^8-9$	344373815	G	$((1+2)^3*3^4(4+5+6)+7)^8-9$
322827727	G	$-1*((2+3)^4-56*(7^8-9))$	344374129	P	$1+(-2-3^4(4^5-6)+7)^8*9$
322828190	G	$-1*2^3*4-56*(-7^8+9)$	344374417	G	$1-(2-3^4(4^5-6)-7)^8*9$
322828268	G	$-1-2-3^4-56*(-7^8+9)$	344404224	G	$(1*(2^3)^4*(5^6+7))^5*(8+9)$
322828337	G	$-1-(2+3^4-56*(7^8-9))$	345243645	G	$-1-2+(-3-4^5-5)^6/7^8-9$
322828342	G	$1*2-3^4+56*(7^8-9)$	345887670	P	$-1-2-3*(-4^5*(6-7^8)-9)$
322828419	G	$-1+2^3*4-56*(-7^8+9)$	345887672	P	$1-2-3*(-4^5*(6-7^8)-9)$
322828421	G	$1+2^3*4-56*(-7^8+9)$	345887811	G	$1+2-3^4*(5*(6-7^8)-9)$
322828430	G	$-1-2+3^4-56*(-7^8+9)$	345887883	P	$1+2-3^4*5*(-6+7^8-9)$
322828443	G	$-1+23^4-56*(-7^8+9)$	345888390	P	$-1-2-3*(-4^5*(6+7^8)-9)$
322828513	G	$-1+2^3*4-56*(-7^8+9)$	345888392	P	$1-2-3*(-4^5*(6+7^8)-9)$
322828763	G	$-1-2-3^4+56*7^8-9$	345888963	P	$1+2-3^4*5*(-6+7^8+9)$
322828766	G	$((1-2)^3*3^4+56*7^8)-9$	347670576	G	$(1+2+3^4)^5*(6^7-8)^9$
322828813	G	$(1-2)^*(34-56*7^8)-9$	350437500	G	$(1*(2+34)/5^4)^5*7^8+9$
322828925	G	$-1-2^3*4+56*7^8-9$	350550800	G	$-1+((2-3^4)^5(5+6+7)+8)^9$
322829080	G	$-1+234+56*7^8-9$	350769203	G	$-1+2*(3-4+(5+6)^7+8)^9$
322829098	G	$-1+234+56*7^8+9$	350999999	G	$-1+2^3*4^5*6*7^8*9$
322829125	G	$-1-234-56*(-7^8-9)$	351562499	G	$-1+(2+34)^5*(6+7-8)^9$
322829233	G	$1-2^3(3+4)-56*(-7^8-9)$	351598203	G	$(-1*2/3^4-4-5)^5*(6^7*8-9)$
322829323	G	$-1-(2+34-56*(7^8+9))$	351599607	G	$(1*2^3*4^5)/6^7-7^8-9$
322829335	G	$-1-(2^3*4-56*(7^8+9))$	351601029	P	$(-1*2/3^4-4-5)^5*(-6^7*8-9)$
322829342	P	$1-23+4-56*(-7^8+9)$	356516434	G	$-1+(2+3)^5*(4^5(5+6)+7)^5*(8+9)$
322829383	G	$((1-2*-3)^4(4+5)+67)^8-9$	360965888	G	$(1*2^3*4^5)^5*6^7+8+9$
322829489	G	$-1+(2+3)^4+56*7^8+9$	361512274	G	$-1-((2^3)^4-5)^5*(-6^7-8+9)$
322829593	G	$-1+234-56*(-7^8-9)$	362063573	P	$-(1-(2+(3-4^5)^6)*(7+8))+9$
322830142	G	$-1+((2^3)^4-56*7^8-9)$	362673937	G	$1-23^4*(-5-(6+7))^8*9$
322832447	P	$-1+2^3(3^4)-56*(-7^8-9)$	362678957	G	$-1+2*(3-4^5-5)/6^7(7-8-9)$
326123028	G	$(1*(2/(3^4-5)+6)*7^8)^9$	362738006	P	$-1+(2^3-4^5-5)/6^7(-7+8+9)$
326217721	P	$(-1+2)^5*(-3*(4^5)^6+7)+8^9$	362789118	G	$(-1*2^3*4^5)^5*(5-6^7)^8-9$
326217748	G	$1-2-(3*(4^5)^6+7)-8^9$	362790567	G	$(1*2^3*4^5)^5*(-5+6^7)^8-9$
326953125	P	$(-1-23^4)^5*(-5/(-6+7))^8*9$	362790585	G	$(1*2^3*4^5)^5*(5+6^7)^8+9$
327155234	P	$-1-(2^3-4^5(-5-6))^5*78-9$	362792034	G	$(-1*2^3*4^5)^5*(5-6^7)^8-9$
327155484	G	$-1-2-(3-4^5(5+6))^5*78+9$	362794788	G	$(-1*2^3*4^5)^5*(5-(6^7*8-9))$

362796237	G	$(-1*2/3^4)^*(5-6^7*8)-9$	387422542	P	$-1+2*(3+4^5)+(-6-7)+8)^{\wedge}9$
362796255	G	$(-1*2/3^4)^*(5-6^7*8)+9$	387425608	P	$-(1-(2+3)/4^5-5)-(6-7-8)^{\wedge}9$
362796408	G	$(1*2*3^4)^*(5+6^7*8-9)$	387669318	G	$-1-2+(3^4)^5-(6-7-8)^{\wedge}9$
362796787	P	$1-2*3*(45-6^{\wedge}(-7-8)+9))$	389743436	G	$-1+(2+3)*4*(5+6)^{\wedge}7+8+9$
362797044	P	$-(1-(2+34)^5)*6-7-(8-9)$	392005039	G	$-1+2*-34*(5^6-(7^8+9))$
362797327	P	$1+2*3*(45+6^{\wedge}(-7-8)+9))$	392007077	G	$-1-2+(3^4+56)*(7^8+9)$
362797704	G	$(-1*2*3^4)^*(5-6^7*8-9)$	392008525	G	$-1+2*(-34*(-5^6-7^8)+9)$
362797857	G	$(1*2*3^4)^*(5+6^7*8)-9$	392203294	G	$1*(2-3^{\wedge}(4^5-6))^*(7-89)$
362797875	G	$(1*2*3^4)^*(5+6^7*8)+9$	392203622	G	$-1*(2+3^{\wedge}(4^5-6))^*(7-89)$
362799324	G	$(1*2*3^4)^*(5+(6^7*8+9))$	393031313	G	$-1+234*(5+6^{\wedge}(7-(8-9)))$
362802078	G	$(1*2/3^4)^*((5+6^7)*8-9)$	393032249	G	$-1+234*((5-(6-7))^{\wedge}8+9)$
362803527	G	$(1*2*3^4)^*(5+6^7)*8-9$	394264575	P	$-1+2^{\wedge}-(3+4-5^6)^*(7^8-9)$
362803545	G	$(1*2*3^4)^*(5+6^7)*8+9$	394311978	G	$(1*2*(-3-4/5)^*(6-7^8))^*9$
362804994	G	$(1*2*3^4)^*((5+6^7)*8+9)$	394875000	G	$(1*(2+34)/5^{\wedge}-6)^*78^9$
362856104	P	$-1+(2*3+4^{\wedge}-5)/6^{\wedge}(-7+8+9)$	395094909	G	$-1-2-3*((4+5)^*6^{\wedge}7-8^{\wedge}9)$
362915153	G	$-1-2*(3+4^{\wedge}-5)/6^{\wedge}(7-8-9)$	395538264	G	$(1*(2*3^4-5))^*(6^{\wedge}7)^*9$
363182082	G	$-1-2-(3^4-5)^*(6-7^8)^*9$	395549496	G	$((-1*2/-3^{\wedge}-4-5)^*6^{\wedge}7+8)^*-9$
363182119	G	$1-2+(3+4)^*(5-(6-7^8))^*9$	395549640	G	$((1*2*3^4-5)^*6^{\wedge}7+8)^*9$
363182469	G	$1*2*3+(4+5)^*(6-7+8)^{\wedge}9$	397148157	G	$-1-2+(3-4^{\wedge}-5*6^7)/8^{\wedge}-9$
3632803875	G	$1+2+(-3-4)^*(-5+(-6-7^8)^*9)$	398454153	G	$-1-2+3*(4-5^6+7+8^9)$
363482844	G	$-1-(2-(34^5-67)^*8)-9$	399293889	G	$-1-2-3*(4*(5+6^7)-8^{\wedge}9)$
363483044	G	$-1-(2-(34^5-6^7)*8)-9$	400949245	G	$-1-(2-(3-4^{\wedge}-5*(6+7))^*8^{\wedge}9)$
363483341	G	$-1-(2-(34^5-6)^*(7-(8-9)))$	401346262	G	$-1-(2+34^5)^*(6^{\wedge}(7-8)-9)$
363483343	G	$1+2+(34^5-6)^*(7-8+9)$	401813313	G	$-1-2-3*(4^5+6^7-8^9)$
363483716	G	$-1-(2-(34^5+6^7)*8)-9$	401813370	G	$-1-(2-3*(4-(5+6^7)+8^9))$
363483936	G	$1-2+(34^5+67)^*8+9$	401813400	G	$-1-(2-3*(4+5-6^7+8^9))$
364903925	G	$-1-(2*3-4^{\wedge}(5+6))^*(78+9)$	402259965	G	$-1-2-3*(4^{\wedge}-5+(6-7))/8^{\wedge}-9$
364904184	G	$-1-2-(3+4^{\wedge}(5+6))^*(78+9)$	402324972	G	$-1-(2-3*((-4-5^6)^*7+8^9))$
364904389	G	$-1-(2/3-4^{\wedge}(5+6))^*(78+9)$	402465660	G	$-1-(2+3*(4/5^{\wedge}-6+7-8^9))$
364904445	G	$(1-2)^*(3-4^{\wedge}(5+6))^*(78+9)$	402465702	G	$-1-(2+3*(4^5+6^7-8^9))$
364904451	G	$(-1+2)^*(3+4^{\wedge}(5+6))^*(78+9)$	402606297	G	$-1-2+3*(4-(5^6+7-8^9))$
364904470	G	$-1+23+4^{\wedge}(5+6)^*(78+9)$	402606339	G	$-1-2+3*(4-(5^6+7+8^9)))$
370256337	P	$-(1-(23-4)^*(5+6)^{\wedge}7)+89$	402620413	P	$-1-2+(3-4^{\wedge}-(5-(6-7)))/8^{\wedge}-9$
372937498	G	$-1*2+34^5*6^7*8^9$	402631803	G	$-1-2-3*((4^5-6)^*7-8^9)$
372937499	G	$1-2+34^5*6^7*8^9$	402643605	G	$-1-(2+3*(456^7-8^9))$
373071416	G	$-1+(-2+3^{\wedge}(4^5-6))^*78-9$	402643607	G	$1-2-3*(456^7-8^9)$
373713489	G	$-1-2-3*(4-5^6+7)^*89$	402644136	G	$-1-(2+3*(45^6+7-8^9))$
373714569	G	$-1-(2-3*(4+5^6+7^8+9))$	402644138	G	$1-2-3*(45^6+7-8^9)$
375736319	P	$-1+(2+(3/4)^{\wedge}-5)^*6^{\wedge}(-7-8)+9)$	402646377	G	$-1-(2+3*(4^5+6^7-8^9))$
375736320	P	$1*(2*(3/4)^{\wedge}-5)^*6^{\wedge}(-7-8)+9)$	402646379	G	$1-2-3*(4^5+6^7-8^9)$
377854392	G	$-1-(-2+3^{\wedge}(4^5-6))^*(-7-8^9)$	402650150	G	$1-2-3*(4^5+6-7-8^9)$
377854394	G	$1-(-2+3^{\wedge}(4^5-6))^*(-7-8^9)$	402650661	G	$-1-2-3*(4^5+6^7-8^9)$
377854708	G	$-1+(-2-3^{\wedge}(4^5-6))^*(-7-8^9)$	402650663	P	$1-2-3*(4^5+6^7+8^9)$
377854710	G	$1+(-2-3^{\wedge}(4^5-6))^*(-7-8^9)$	402651133	G	$-1-2+(3-4^{\wedge}(-5/6/7))^*8^{\wedge}9$
378235190	G	$-1*2*-3*(4^5)^6-7^8-9$	402652017	G	$-1-2+3*(4-5^6+7+8^9)$
380477457	G	$-1+(-2+(3^4*5+6)^*(7^8+9))$	402652563	G	$-1-(2-3*(4-5^6+7+8^9))$
380712651	G	$-1-2+34^5*(5/6^{\wedge}-7^8-9)$	402652607	G	$-1-(2*3-4^{\wedge}(5+6))^*(7+89)$
380714487	G	$-1-2+34^5*(6^7-8-9)$	402652690	G	$-1-(2+3*(4^5/6-7-8^9))$
382205998	G	$-1+((2*3^4)^{\wedge}5+6+7)^*8-9$	402652737	G	$-1-2+3*(4*(5-6^7)+8^9)$
382941504	G	$(1*2*(-3^4+5))^*(-6^7+8)^*9$	402653517	G	$-1-(2-3*(45+67+8^9))$
382953312	G	$(1-(23+4)^*(5+6^7*8))^*9$	402654105	G	$-1-(2-3*(4*(5+6)^*7+8^9))$
382963392	G	$(-1*2*(-3^4+5))^*(6^7+8)^*9$	402654107	G	$1-2+3*(4*(5+6)^*7+8^9)$
383999664	G	$1*2/3*((4^5)^6-7^8)^*9$	402654198	G	$-1-2-3*(-4-(5^6+7+8^9))$
383999885	G	$-1+(2/3*((4^5)^6-7)-8)^*9$	402654273	G	$-1-2-3*((4-56)^*7-8^9)$
383999921	G	$-1*2*-3/(4^5)^{\wedge}-6-(7+8^9)$	402654369	G	$-1-2-3*(-4-(56^7+8^9))$
383999924	P	$1*2*(-(3*(-4^5)^6+7)+8)-9)$	402654570	G	$-1-(2-3*(456+7+8^9))$
383999931	G	$1*2*3*(4^5)^6-(78-9)$	402654894	G	$-1-(2-3*(4+56+7+8^9))$
384000029	P	$-1+2*-3*(-(4^5)^6+7)+8^9$	402655229	G	$-1-2+(-3-4^{\wedge}(-56/7))^*-8^{\wedge}9$
384000082	G	$1*2*3*(4^5)^6-(7-89)$	402656127	G	$-1-2+3*(4^5+6^7+8^9)$
384000119	P	$-1*2*-3/(4^5)^{\wedge}-6-7*(8+9)$	402656379	G	$-1-2+3*(4^5+(6^7+8^9))$
384000504	G	$-1*2*-3*(4^5)^6-7^8-9$	402656381	G	$1-2+3*(4^5+6^7+8^9)$
384004733	G	$-1+2*3*((4^5)^6+789)$	402656765	P	$-1-2-3*(-4^5/6^7+8^9)$
385418124	G	$(1*(2/(3+4)^5+6)^*7^8)^*9$	402657201	G	$-1-(2-3*(4^5+6^7+8^9))$
387186233	P	$-(1-23)^4-(-5-67)/8)^{\wedge}9$	402657203	P	$1-2-3*(-4^5+6^7+8^9)$
387418446	P	$-1+2*(3-4^5)+(-6-7)+8)^{\wedge}9$	402657885	G	$-1-(2-3*(4^5+6^7+8^9))$
387419697	G	$-1-2+(3*(-4-5))^6-789$	402657887	P	$1-2-3*(-4^5+6^7+8^9)$
387420254	G	$-1-234+((5+67)/8)^{\wedge}9$	402658851	G	$-1-(2-3*(4^5+6^7+8^9))$
387420605	G	$-1-2+(3*(-4-5))^6-7*(-8-9)$	402658853	P	$1-2-3*(-4^5+6^7+8^9)$
387420722	G	$-1+234+((5+67)/8)^{\wedge}9$	402674811	G	$-1-2+3*((4^5+6)^*7+8^9)$
387421779	G	$-1+(2*3)^4-(5+(6-(7+8))^{\wedge}9)$	402685949	P	$-1-2+(-3-4^{\wedge}-(5-(6-7)))/-8^{\wedge}-9$

402700047	G	$-1-2+3*(4+5^6-(7-8^9))$	449654492	G	$-1+2*(3+(-45+6)*-7^8)+9$
402700089	G	$-1-2+3*(4+5^6+7+8^9)$	449655177	G	$-1-2-3*(4-5^6)*(7^8+9)$
402702333	G	$-1-2-3*((4/(5-6))^7-8^9)$	451199999	G	$-1+((2+3)^4)^5*(6+(7+8)^9)$
402782205	G	$-1-(2-3*(4^5*6^7+8^9))$	452265639	G	$-1-(2-34^5+6)^7+8^9$
402981222	G	$-1-(2+3*(4-5^6)*7-8^9))$	452984721	G	$-1-(2-3*(-4+(56/7)^8)^9)$
403492929	G	$-1-2-3*(4^5-6^7-8^9)$	452984937	G	$-1-2+3*(4+(5-(6+7))^8)^9$
403493016	G	$-1-2+3*(4+5+6^7+8^9)$	453498911	G	$-1+(2+34)^*(5*6^7+8)^9$
403536231	P	$-1+2*(3^4-5*(-(6-(7-8)))^9)$	454354179	G	$1-2-(34^5-6)*(7-8-9)$
404296048	G	$1-23*(4-5^6(-6+7+8))^9$	454354237	G	$-1-2+34^5*((6-7)^8+9)$
404296783	G	$(-1*23)*(4-5^6(-6+7+8)^9)$	454354297	G	$-1-(2+(34^5+6)*(7-(8+9)))$
404296874	G	$-1+23*(4+5)*(6+7-8)^9$	457030079	G	$-1-234*(5-(6+7-8)^9)$
404296967	G	$(1*23)*(4+5^6(-6+7+8)^9)$	459164832	G	$-1*(2-3^4(4^5-6))^*(7+89)$
404297704	G	$1+23*(4+5^6(-6+7+8))^9$	459165216	G	$1*(2+3^4(4^5-6))^*(7+89)$
404357117	G	$-1-2+(3+4^5-5*(6+7))^8+9$	461114706	G	$-1-2+3*(4+(5+6)^7+8^9)$
406012353	G	$-1-2-3*(4*(5-6^7)-8^9)$	461183960	G	$1*2/3^4*(5*(6^7+8-9))$
406852233	G	$-1-2+3*(4+5*6^7+8^9)$	461184009	G	$(1-2+3^4)^*(5*(6-7^8))+9$
408127734	G	$(-1*2*3^4)*((5-6^7)+8)^9$	461184200	G	$1*2/3^4*(-5*(-6^7+8-9))$
408134214	G	$(-1*2*3^4)*(5-(6^7-8)^9)$	461184951	G	$(1-2+3^4)^*(5+6+7^8)-9$
408135834	G	$(1*2*3^4)*(5+(6^7-8)^9)$	463416695	G	$-1+23^4(4-(5-6)^7)^8+9$
408139326	G	$((-1*2*3^4)*(5-6^7)-8)^9$	466944338	G	$1*2-3^4*(4^5-6))^*(7+89)$
408139470	G	$((-1*2*3^4)*(5-6^7)+8)^9$	466944356	G	$1*2-3^4*(56-7^8)+9$
408142314	G	$(1*2*3^4)*(5+6^7-8)^9$	466947983	G	$1*2-3^4*(5+6-7^8)-9$
408151062	G	$(-1*2*3^4)*(5-6^7-8)^9$	466948001	G	$1*2-3^4*(5+6-7^8)+9$
408153906	G	$((1*2*3^4)*(5+6^7)-8)^9$	466948155	P	$1+2+3^4*(-(-5+6))^7+8+9$
408154050	G	$((1*2*3^4)*(5+6^7)+8)^9$	466948793	G	$1*2+3^4*(5-6+7^8)-9$
408157542	G	$(-1*2*3^4)*(5-(6^7+8)^9)$	466948808	G	$1-2+3^4*(5-6+7^8)+9$
408158205	G	$-1-(2-(3+4^5-5*6^7)*8^9)$	466948811	G	$1*2+3^4*(5-6+7^8)+9$
408159162	G	$(1*2*3^4)*(5+(6^7+8)^9)$	466948952	G	$1-2-3^4*(5-6-7^8)-9$
408165642	G	$(1*2/3^4-4)*(5+(6^7+8))^9$	466948955	G	$1*2-3^4*(5-6-7^8)-9$
408918833	G	$-1+(2+34^5)^*(6-7)^8+9$	466948973	G	$1*2-3^4*(5-6-7^8)+9$
410338551	G	$-1-(2-((3-4^5)^6-7)^*(8+9))$	466949765	G	$1*2+3^4*(5+6+7^8)-9$
410565672	G	$(-1*2*3^4*(4^5*6-7^8))^9$	466949783	G	$1*2+3^4*(5+6+7^8)+9$
412773713	G	$(-1+234)^*(5+6)^7+8-9$	466953410	G	$1*2+3^4*(56+7^8)-9$
415062585	G	$(1*((2-(3+4)^5)+6)^7+8)^9$	466953428	G	$1*2+3^4*(56+7^8)+9$
415065021	P	$-1-2+(-3-(4+5))^6*(-7^8-9)$	467691569	G	$-1+2*3*(4*(5+6)^7-89)$
416118302	G	$1-2+3*(4^5-6)^*(78+9)$	467691996	G	$-1-(2+3*(4-(5+6)^7)^8)-9$
416118305	G	$1*2+3^4(4^5-6)^*(78+9)$	467692170	G	$1*2*(3*(4*(5+6)^7+8)+9)$
416491404	G	$-1+(2+34^5)^*(6^7(7-8)+9)$	467692188	G	$-1-(2-3*(4+(5+6)^7)^8)-9$
419565672	G	$(-1*2*3^4*(-4^5*6-7^8))^9$	468612863	G	$-1+((2+3/4)+5)/6^7(7-8-9)$
420548900	G	$-1-2+(3-4/(5^*-6))^*(7+8^9)$	470408497	G	$1+2*34/5*(6*(7^8+9))$
421711997	G	$-1-(2-(3+4^5)*6^7)+8^9$	472696872	G	$-1-2+((3+4)^5)^6+(6+(7-8))^9$
425683440	P	$(-1*2-3^4(4^5-6)+7)^8+9$	472696876	G	$-1+2+((3+4)^5)^6+(6+(7-8))^9$
425683796	G	$(1*2+3^4(4^5-6)-7)^8+9$	472713692	G	$1-(2-3^4(4^5+6))^7+8+9$
425685042	G	$1*(2+3^4(4^5-6)+7)^8+9$	478479386	G	$-1-(-2-3^4)^*(5+6+7^8)-9$
427124960	G	$-1+((2+3^4)^5(5+6-7)+8)^9$	481890221	G	$-1+((2^3+4^5)^6+7-89)$
428289837	G	$-1-2-34^5*(-6^7+8)^9$	481890372	G	$-1+((2^3+4^5)^6+78-9)$
428299629	G	$-1-2+34^5(5/6^7-8)^9$	481890390	G	$-1+((2^3+4^5)^6+78+9)$
430289512	G	$-1+2*(3+4^5)^6+7+8^9$	481890399	G	$-1+((2^3+4^5)^6+7+89)$
438124413	G	$1*2-(3^4-5)^*(6-7^8)-9$	483183843	G	$-1-2-(3^4/5-6)^*(7+8^9)$
438124431	G	$1*2-(3^4-5)^*(6-7^8)+9$	483729767	G	$-1+2^3*(45+6^7(-7-(-8-9)))$
438125325	G	$1*2+(3^4-5)^*(6+7^8)-9$	484243281	G	$-1-(2-3^4*(5-6)^7+8)^9$
438125340	G	$1-2+(3^4-5)^*(6+7^8)+9$	495772363	G	$1*2-(3^4+5)^*(6-7^8)-9$
438125343	G	$1*2+(3^4-5)^*(6+7^8)+9$	495772381	G	$1*2-(3^4+5)^*(6-7^8)+9$
439452981	P	$(-1+((2-3)-4)^5(5+6)+7)^8+9$	495773392	G	$1-2+(3^4+5)^*(6+7^8)-9$
443889665	G	$-1-2+(3+4)^*(5+6)/7^8-9$	495773395	G	$1*2+(3^4+5)^*(6+7^8)-9$
443889737	P	$-1-2+(-3-4)^*(-(-5-6)^7+8+9)$	495773413	G	$1*2+(3^4+5)^*(6+7^8)+9$
443890367	P	$-1-2+(-3-4)^*(-5-6)^*(-7^8-9)$	498286344	G	$-1-2-(-3-4^5/6^7)^8+9$
444713220	G	$(1*2/(3+4)^*(5*6^7+8))^9$	499121461	G	$-1-(2*3-4^5(5+6))^7*(8+9)$
445516982	G	$(1*2^3)^4(4+5)+6^7+8^9$	499122073	G	$-1-(2*3-4^5(5+6))^7*(8+9)$
445906935	G	$(1+23)^4(4-5+6)^7+8-9$	499122158	G	$-1-(-2+3-4^5(5+6))^7*(8+9)$
445906953	G	$(1+23)^4(4-5+6)^7+8+9$	499122198	P	$-1+23-4^5(5+6)^7*(8+9)$
447340319	G	$-1+(2/3-4)^*(5^6+7-8^9))$	499122224	G	$-1-(2-(3+4^5(5+6))^7*(8+9))$
447392428	P	$1-23-4^5/6^7-(7+8^9)$	501537165	G	$(-1*2/3-(4+5))^*(6-7^8)^9$
447392457	G	$1+2*3-4^5/-6^7(7+8^9)$	501538209	G	$(-1*2/3-(4+5))^*(6-7^8)^9$
447392474	P	$1+23-4^5/6^7-(7+8^9)$	501645240	G	$((1+23)^4(4-(5-6))^7-8)^9$
448000046	P	$(-1+(2*3-(4^5)^6)^7)+89$	501645384	G	$((1+23)^4(4-5+6)^7+8)^9$
448000179	P	$(-1-(2-3-(4^5)^6)^7-8)+9$	501878165	G	$-1+(2/34^5-6)^7-8+9$
448204859	G	$1-23*(4+(-5-6)^7)+8+9$	502282051	G	$-1+(2^3(34-5)-6^7(7^8+9))$
448205015	G	$-1-23*(4-(5+6)^7-8)-9$	503999976	G	$-1-23+(4^5)^6*7/8^9$
449653773	G	$-1-(2+3*(4-5^6))^*(7^8-9)$	504000022	G	$-1+23+(4^5)^6*7/8^9$

507302553	G	$-1+2*(-3-4*((-5-6)*7^8-9))$	587959278	G	$-1-2+(3+4)^5*(6^7/8-9)$
510027618	G	$-1-(2-(3+4/5)*(67+8^9))$	588009546	G	$-1-(2+(3-4^5)*(6/7^8-9))$
511999914	G	$1+2^3/(4^5)^6-78-9$	588009716	G	$-1+2*(3+(-45-6)*-7^8)+9$
511999932	G	$1+2^3/(4^5)^6-78+9$	588010617	G	$-1-2+3*(4+5^6)*(7^8+9)$
512000503	G	$-1+2^3*(4^5)^6-7*-8^9$	589563233	G	$-1+234*(5+(6^7+8)^9)$
512000505	G	$1+2^3*(4^5)^6-7*-8^9$	594653202	G	$-1-(2-3*((4^5)^6+7+8^9))$
517425840	G	$(-1*(2^3+4)*(5^6-7^8))^9$	594653204	P	$1-2-3*-((4^5)^6+7+8^9)$
518217685	P	$-1+2*-3*(-(4^5)^6+7)+8^9$	594823437	G	$-1-2+(34-5)^6+7*(8+9)$
518830092	P	$(-1*2*(3^4-5*(6-7^8)))^9$	603976751	G	$-1+(2^(3+4^5)-6^7)*8^9$
518831172	G	$(-1*2*(3^4-5*(6+7^8)))^9$	603979686	G	$(-1*2+(3-4+5)^(6+7)-8)^9$
518831289	P	$-1-2-3*(4-5*6*(7^8+9))$	603979846	P	$-(1*2)+((3-(4-5))^(6+7)+8)^9$
518832909	G	$-1-(2-3*(4+5*6*(7^8+9)))$	603982799	G	$-1+(2^(3+4^5)+6^7)*8^9$
518833008	G	$(1*2*(3^4-5*(6-7^8)))^9$	604661773	P	$-1+2*(3+4-5/-6^8-(-7+8+9))$
518834088	G	$(1*2*(3^4+5*(6+7^8)))^9$	611798025	G	$-1-2-3/4*(5-(6+7)^8)-9$
519999976	G	$-1-23+(4^5)^6*(7/-8+9)$	619524096	G	$(-1*2-3)/(4^5)^6-7*-8^9$
520000022	G	$-1-23+(4^5)^6*(7/-8+9)$	622125000	G	$1*(-(2+3^4)+6^7)*8^9$
520238340	G	$(-1*(2-3^4)*(5^6+7^8))^9$	622579986	G	$1*(2+(-3-4)^-5)*6/7^8-9$
526153412	G	$1-2+3*(4+((5+6)^7-8)^9)$	622592334	G	$(-1*2*((3+4)^-5-6)*7^8)^9$
526153844	G	$1-2+3*(4+((5+6)^7+8)^9)$	622598397	G	$-1-2+3*4*(5-6+7^8)^9$
530359759	G	$-1+23*(4+5*6*(7^8+9))$	622599198	G	$(1*2)^3*(345+6^7+8^9)$
530364658	G	$-1+23*(-4*(-5^6-7^8)+9)$	622599699	G	$1+2-3*4*(-5-6-7^8)^9$
531272214	G	$-1+23-4*(5/6^7-8^9)$	622604682	G	$(1*2*((3+4)^-5+6)*7^8)^9$
531441000	G	$((1*2/3^4-4)^5)^8*(-6-(7-8)^9)$	622617030	G	$(1*(2-(3-4)^-5)*6/7^8-9)^9$
531505153	G	$1+2*(3^4)^5*(5-(6-7))^8*9$	623589412	G	$-1-(23-4*((5+6)^7+8-9))$
535499999	G	$-1+2*34^5*6^7*8^9$	623589502	G	$-1*2*3+4*((5+6)^7+8+9)$
536739837	G	$-1-2+(3-4^8-5-6+7)*8^9$	626276447	G	$-1-(2/3+4)^5*(5^6-(-7+8^9))$
536869320	G	$-1-23-4*(56^7-8^9)$	629047296	G	$(1+23)^(4-5+6)*(7+8^9)$
536869548	G	$-1-23-4*(5*6^7-8^9)$	631999976	G	$-1-23+(4^5)^6*(7/8+9)$
536869615	G	$-1-(2*3)^4+(-5-6+7)*-8^9$	632000022	G	$-1+23+(4^5)^6*(7/8+9)$
536870595	G	$-1-2^3-4*((5+6)^7-8^9)$	632812499	P	$-1+(2+34)^5*(-(6-7)-8)^9$
536870690	G	$-1+2^3(34-5)-(6+7)^8*(8+9)$	636095762	G	$-1+2*(34^5-6)^7-89$
536870786	G	$-1+23+4*(5-6^7+8^9)$	636095982	G	$-1+(2^3*34^5-6)^7+89$
536871140	G	$-1-(23-4*(56+7+8^9))$	636096163	G	$-1+2*((34^5+6)^7+8^9)$
536871191	G	$-1-(2^3-4*(5+6+7+8^9))$	637873992	G	$(1*(2-3^4/5^6-6)^7)*8^9$
536871222	G	$1-2+3+4*((5+6)^7+8^9)$	637876008	G	$(1*(2-3^4/-5^6-6)^7)*8^9$
536871325	G	$-1+2^3(34-5)+6*(78-9)$	639999967	P	$-1-2-(3+(4^5)^6)*-(-7+8+9)$
536871385	G	$-1+2^3(34-5)+6*(7+8^9)$	641775361	G	$-1-(2-34^5*(6-7/8+9))$
536871433	G	$-1+2^3(34-5)+6*(78+9)$	642453117	G	$-1-2-3*45/-6^8-7*(8+9)$
536871487	G	$-1+2^3(34-5)+6*(7+89)$	643076649	G	$-1-2+3*(4-(5-6)^7)^8+9$
536871625	G	$-1+2^3(34-5)+6^7*(8+9)$	644245104	P	$-1-23-4/5*(6^7*(7+8^9))$
536871728	G	$-1-(23-4*(5*6^7+8^9))$	644245119	G	$-1-2^3-4/5*(-6*(7+8^9))$
536871730	P	$1-23-4*(5*6^7+8^9)$	644245123	G	$1-2*3-4/5*(-6*(7+8^9))$
536871847	G	$-1+2^3(34-5)+(6+7)^8*9$	644245133	P	$1*2+3-4/5*(6^7*(7+8^9))$
536872050	G	$-1+2^3(34-5)+6^7*(8+9)$	644245135	G	$1+2*3-4/5*(6^7*(7+8^9))$
536872207	G	$-1+(2*3)^4+(-5-6+7)*-8^9$	644245150	P	$-1+23-4/5*(6^7*(7+8^9))$
536933434	G	$-1-(2+3)+4*(5^6+7+8^9)$	644753663	G	$-1+(23^4)^5*(-(6-7)^8)^9$
537001981	G	$-1-2+(3+(4^8-5-(6-7)))^8*9$	644753665	G	$1+(23^4)^5*(-(6-7)^8)^9$
544195560	G	$-1-(23-(4+5)/6^(7-8-9))$	645700545	G	$1*(-(2+3^4)(4^5-6))^7*(8+9)^9$
545223509	G	$-1+2*(34^5*6-789)$	645701085	G	$(-1*(-2-3^4(4^5-6))^7*(8+9))^9$
545224581	G	$-1-2+(34^5/6-7)^8*9$	647454789	P	$-1-2-34^5*(-6^7/8+9)$
546809305	G	$(1*23)^4*(5^6+7)/8-9$	648627241	G	$-1+((2^3*34)^5-6^7*(-7+8^9))$
546809323	G	$(1*23)^4*(5^6+7)/8+9$	652584560	G	$-1-(23-4/5*((6+7)^8+9))$
548132310	P	$(-1+23)*-(-4-(5+6^7))^8*9$	652584575	G	$-1-(2^3-4/5*((6+7)^8+9))$
552103610	G	$1+2-((3*(4+5))^6-7/8^9-9)$	653625000	G	$(-1*(-2-3^4)^5*6^7)*8^9$
553584347	G	$1-2+3*(45^(6+7-8)-9)$	656431168	P	$-(1+2345*(-6^7+8))^9$
555524097	G	$1+2*-3*(4^5)^6-7*-8^9$	656489784	P	$-1+2345*(-(6^7-8)+9)$
559185707	G	$1-(23-4*5^6)*7^8+9$	660049722	G	$(1*2/3^4(4^5-5+6))^7*(8-9)$
564950675	G	$-1+2*((3+4)^5(5+6)/7+89)$	661937499	G	$-1+2*34^5*6^7*89$
566231062	G	$-1+23+4^5(5+6)^7*(8+9)$	662563548	G	$-1-2+34*((5+6)^7-8)+9$
569235615	G	$1-2+(3/4-5)^6*(6^7-8^9)$	662563789	G	$-1-2*(3^4+5+6)^6*(8+9)$
570713841	G	$(-1*2*3^4+(-5-6)/-7^8-8)^9$	662563845	G	$-1-2+34*((5+6)^7-8+9)$
570715296	G	$-1-2-3^4*(5-6)^7*8/9$	662563955	G	$-1+2*(3+(4-(-5-6)^7)^8*(8+9))$
570716757	G	$(1*2*3^4+(5+6)^7*8)^9$	662564092	G	$-1-(2-(34*((5+6)^7+8)+9))$
571459663	G	$-1+2^3(34-5)+6*(7^8-9)$	662566837	G	$-1-2+34*((5+6)^7+89)$
573114378	G	$1-(23^4)^5*(-(6+7))^8-9$	664090259	G	$-1-(-2-3)^4*(4-(5*6^7-8^9))$
575999320	G	$-1+23+((4^5)^6-78)^9$	664493073	G	$-1-2+34^5*(6+7)^8*9$
576108294	G	$-1-2+(3+4)^-5*(6^7)^8+9$	666911549	G	$-1-2-34^5*6^7/8^9-9$
578813957	G	$-1+2*(3+4^5(5+6)^7*(8-9))$	667774627	G	$(1*2*3^4-4-5)^6*(6-(7+8^9))$
579467517	G	$-1-2+34^5*6^7(7-8+9)$	669409118	G	$-1-23^4-5*(6^7-8^9)$
587202557	G	$-1-2+3/4^5/6^7*8^9$	669688725	G	$-1-234-5*(6^7-8^9)$

669689121	G	$-1+2*3^4-5*(6^7-8^9)$	732421874	G	$-1+(2-3+4)*5^(6+7+8-9)$
669921874	G	$-1-(2-345)*(6+7-8)^9$	734764791	G	$-1+(2/3^45)^6+7^8-9$
669968800	G	$-1+23^4-5*(6^7-8^9)$	737891967	P	$-1+2^-(3-4)*(-5+6-7^8-9)$
670757199	P	$-(1+23)^4-5*(-67-8^9)$	737893247	P	$-1+2^-(3-4)*5-(6-7^8-9)$
670808793	G	$-1-23^4+5*(6-7+8^9)$	737893503	G	$-1-2^-(3+4)*((5-(6+7^8))^9)$
670808863	G	$-1-(23^4-5*(6+7+8^9))$	737894143	G	$-1+2^-(3^4-5)*(6+7^8-9)$
670809133	G	$-1-(23^4-5*(67+8^9))$	737894783	G	$-1+2^-(3+4)*(5+6+7^8-9)$
670854049	P	$-1*(2-3)^4-5*(67-8^9)$	737899519	G	$-1-2^-(3+4)*(-5*6-7^8-9)$
670854384	P	$-(1-23)^4-5/(6-7)/8^9-9$	738197480	G	$-1-(23+((4+5)/6-7))^8+9$
671082079	P	$-(1+2^3)^4-5/(6-7)*8^9$	743658165	G	$-1-(2-(3^45-6)*(7^8-9))$
671087408	G	$-1-((2^3)^4-5*(6+7+8^9))$	745747839	G	$(-1-2-34)*5(6^7*8)^9$
671088195	G	$-1-(234+5*(6^7-8^9))$	745874999	G	$-1+2^34^5*6^7*8^9$
671088268	G	$-1*2^34-5*(6^7-8^9)$	746143173	G	$1*2^34(4^5-6)*78+9$
671088346	G	$1-(-2-3)*(4-5-6+7+8^9)$	746585400	G	$1*2^3(3+(4^5(5+6)-7))^8+9$
671088400	G	$-1-(234-5*(6-7+8^9))$	747149184	G	$(1*2^34-5)/(6^7-7/(8+9))$
671088813	P	$1*2^3-3^4-5*(67+8^9)$	755188939	G	$-1+(2+3^45-6)/7^8-9$
671088894	G	$(1-2)*(3^4-5*(67+8^9))$	759870983	G	$-1-(2+34^5-6*(7+8^9))$
671088947	G	$-1-23-4+5*(67+8^9)$	760953621	G	$-1-2-3^4*((-5-6)*7^8+9)$
671368475	G	$-1+23^4+5*(6-7+8^9)$	760953738	G	$-1-2-3^4*(-5-6)/7^8-9$
672487023	P	$-1-(2^34)^4-5*(6^7+8^9)$	765924816	G	$-1+23^4(4-5-6))^7*(8+9)$
672488283	G	$-1-(2+34-5*(6^7+8^9))$	767643293	G	$-1-(2-(34^5-6^7)*8+9)$
672488292	G	$-1-(23+4-5*(6^7+8^9))$	769015625	G	$(1*(-2+3^4)^5*6^7*8^9)$
672488351	G	$-1-(2-34-5*(6^7+8^9))$	770929974	G	$(-1*2^34)^5(5-6^7)^*(8+9)$
672488398	G	$-1-(2-3^4-5*(6^7+8^9))$	770942934	G	$(-1*2^34)^5(5-6^7*8+9)$
672488553	G	$-1+234+5*(6^7+8^9)$	770944554	G	$(1*2^34)^5(5+6^7*8+9)$
672489615	P	$-1+(2^3)^4-5*(6^7+8^9)$	770957514	G	$(1*2^34)^5(5+6^7)^*(8+9)$
674398722	G	$-1-(2-3^4(4+5+6))*(7^8-9)$	772401491	G	$-1-(2-(34^5-6^7)*8+9)$
674402663	P	$(1*2^34-4+5)*-(6-(7+8^9))$	772402188	G	$-1-2+(34^5+6-7))^*(8+9)$
674481639	G	$(1-23+4+5)*(6-7^8+9)$	772402222	G	$-1-2+(34^5-6+7)^*(8+9)$
674481741	G	$-1-2+3*((45-6)*7^8+9)$	772402258	G	$-1+(2+34^5-6+7)^*(8+9)$
675282854	G	$-1+23^4(5+6)*7-89$	772402919	G	$-1-(2-(34^5+6^7)*8+9)$
681531276	G	$-1-(2-(34^5-6)*(7+8))^9$	772620254	P	$1-2-345*(6^7*8-9)$
681531357	G	$-1-(2+34^5*(6/(7-8)-9))$	774840890	G	$-1+2^3(3*(-4-5))^6-78-9$
681531458	G	$1-2+((34^5+6)*(7+8)+9)$	777161117	G	$-1-(2-(34^5+6^7)*8+9)$
685281797	G	$1-2-34*(5-6^7*8)^9$	778246107	G	$-1-2-3^45*(6-7^8+9)$
687865861	G	$-1+2*(3-4^4(5+6)*(7-89))$	778247297	P	$1-2-3^4*(-45*(6-7^8)-9)$
688640354	G	$-1+(2+3^4(4+5))*(6^7/8-9)$	778248143	G	$-1+2^34^5/6^7*8+9$
688747032	G	$(1*2^34(4^5-6)-7)^8*9$	778248537	G	$-1-2-3^45*(6-(7^8+9))$
688747526	G	$1-2+3^4(4+5)*6^7/8-9$	784012944	G	$-1+2^3(3^4+56)/7^8-9$
688748040	G	$(1*2^34(4^5-6)+7)^8*9$	784054079	G	$-1-(2-(3+4)^5)*6^7(7+8-9)$
688854680	G	$-1-(2-3^4(4+5))*(6^7/8+9)$	784406916	G	$(-1*2/3^4(-4^5+6))^*(7-89)$
688924680	G	$-1-2+3^4(4+5)*(6^7/8+9)$	786060746	G	$-1-((2^3)^4(4+5)+6)^*-78+9)$
691775018	G	$1-23-4*5*6*(-7^8+9)$	791015623	G	$-1*2+3^4*5^4((6-7)^8+9)$
691775916	G	$-1-23-4-5*(6^7+8^9)$	791488204	G	$-1-2-(3+4^5)^6+7^8+9$
691776060	G	$-1-(23-4*(5^6/7^8-8-9))$	795541293	G	$-1-2+(3+4^5)*6^7(7^8-9)$
691776113	G	$1-2+3+4^5*6^7*8-9$	796917801	G	$-1-(2^3(3+4^5)-6^7(7+8^9))$
691776230	G	$1+(-2-3)*4*(-5-6^7+8)+9$	803907205	G	$-1*23^4*5+6^7(7+8^9)$
691776293	G	$1-2^3-4^5*(6^7+8-9)$	804808745	G	$-1+(2^3(3^4-4)^5-6^7(-7-8^9))$
691777176	G	$-1-23-4*5*6*(-7^8-9)$	805026491	G	$1-23^4+5-6^7(7-8^9)$
701537890	G	$-1+(23+4*((5+6)^7-8)^9)$	805026526	G	$-1-23^4+(5-6+7)/8^9-9$
702810000	G	$(-1*(2+3)^4*(5^6+7))^8*9$	805267043	G	$-1-(2^34(4+5)-6^7(7+8^9))$
703440000	G	$(1*(2+3)^4*(5^6+7))^8*9$	805286724	G	$-1-2-(3^4(4+5)-6^7(7+8^9))$
705438717	G	$-1-2+(-3-4)^5*6^7*8-9$	805289600	G	$-1-2-((3+4)^5-6^7(7+8^9))$
709070511	G	$-1-2+((3+4^5*6)^7+8-9)$	805294405	P	$(1-2^3)^4*5-6^7(-7+8^9)$
721287353	G	$-1-(2-34^5*(6+7+8+9))$	805299760	P	$((1+2^3)^4+5)-6^7(7-8^9)$
723354624	G	$(1*2^3(3^4-5))^6+7^8+9$	805300265	G	$-1-(2^3/4^5-5-6^7(7+8^9))$
724396176	G	$(1*(-2-3^4)^5(5^6-7^8))^9$	805302313	G	$-1-(2^3(3+4+5)-6^7(7+8^9))$
724499999	G	$-1+23^4*5^6*7^8+9$	805303920	P	$-((1-2^3)^4+5)-6^7(7-8^9)$
725745661	G	$-1-2+3^4*5^6*7-8+9$	805305071	G	$-1-(2^3)^4+(-5+6-7)^*-8+9$
726966256	G	$-1+(2^34^5-67)^8+9$	805305118	P	$-1-(2^3)^4+5-6^7(-7+8^9)$
728333676	G	$(1*(2+3^4)^5(5^6+7^8))^9$	805305362	G	$-1-(23+4^5-6^7(7+8^9))$
728999765	G	$-1-234+(5^6)^7(7+8-9)$	805305377	G	$-1-(2^34^5-6^7(7+8^9))$
728999908	G	$-1*23^4+(5^6)^7(7+8-9)$	805305380	G	$-1-(2+3+4^5-6^7(7+8^9))$
728999963	G	$-1-(2+34)+(5^6)^7(7+8-9)$	805305516	G	$(-1*2^34)^5+6^7(7+8^9)$
728999980	G	$-1-23+4+(5^6)^7(7+8-9)$	805305600	G	$(-1*2^34)^5+6^7(7+8^9)$
729000018	G	$-1+(23-4+(5^6)^7(7+8-9))$	805305963	G	$-1-(2-(3-4-5)^*(67-8^9))$
729000026	G	$-1+23+4+(5^6)^7(7+8-9)$	805306118	G	$1*2+(3-4-5)^*(6^7-8^9)$
729000233	G	$-1+234+(5^6)^7(7+8-9)$	805306133	G	$-1-234+(5-6+7)/8^9-9$
729000503	G	$-1+(2/3^45)^6-7^8-8^9$	805306589	G	$-1+2^3*(4^5(5+6)-7+8^9)$
729808901	G	$-1+2^3(3+4^5(5+6))^*(78+9)$	805306990	G	$-1+2^3(3^4(4+5))^6+7^8+9$

805307136	G	$(1*2*3^4)^*5-6*(7-8^9)$	868222304	P	$-1-(23*(-4^-(-5-6)-7)+8)^*9$
805307220	G	$(1*2*3^4)^*5+6*(7+8^9)$	868751250	G	$(1*2+3)^4*(5^6-7)^*89$
805307410	G	$-1-23+4^5+6*(7+8^9)$	869176437	P	$-1-2-345^-(6^7-8)^*9$
805307425	G	$-1-(2^3-4^5-6*(7+8^9))$	869201349	G	$-1-2+(345/6^6-7+8)^*9$
805307428	G	$-1-(2+3-4^5-6*(7+8^9))$	869530000	G	$(1*2+3)^4*(5^6+7)^*89$
805307456	G	$-1+23+4^5+6*(7+8^9)$	874789374	G	$-1+(2+3)^4*(5/6^6-7-(8+9))$
805307617	G	$(1*2*3)^4-5-6*(7-8^9)$	875524072	G	$-1-23-(4*5)^6-7*-8^9$
805307663	G	$-1+(2*3)^4+(-5+6-7)^*-8^9$	875524118	G	$-1+23-(4*5)^6-7*-8^9$
805307700	G	$-1+(2*3)^4-(5-6*(7+8^9))$	876247472	G	$(1*2*(-3^4+5))^*(6-7^8+9)$
805307710	P	$-1+(2*3)^4+5-6*(7+8^9)$	876248831	P	$(-1*2*(-3^4+5))^*(6-7^8)-9$
805309395	G	$-1-2+3*4^5-6*(7-8^9)$	876248849	P	$(-1*2*(-3^4+5))^*(6-7^8)+9$
805309479	G	$-1-(2-3/4^5-6*(7+8^9))$	876249296	P	$(1*2*(-3^4+5))^*(-(6+7^8)+9)$
805310501	G	$(1*2^3)^4-(5-6*(7+8^9))$	876250208	P	$(-1*2*(-3^4+5))^*(-(6-7^8)+9)$
805314185	G	$-1-((2/(3^*-4))^5-6*(7+8^9))$	876250655	G	$(-1*2*(-3^4+5))^*(6+7^8)-9$
805326090	G	$-1-2+3^4(4+5)+6*(7+8^9)$	876250673	G	$(-1*2*(-3^4+5))^*(6+7^8)+9$
805326890	G	$(1*2^3)^4*5+6*(7+8^9)$	876252032	G	$(-1*2*(-3^4+5))^*(6+7^8+9)$
805555155	G	$-1-2-(3^*-4)^5-6*(7-8^9)$	882013173	G	$-1-2-3*(-45-6)*(7^8-9)$
805555239	G	$-1-(2-(3*4)^5-6*(7+8^9))$	882014577	G	$-1-2+3*((45+6)^7+8+9)$
805586171	G	$-1+(23^4+5)-6*(7-8^9)$	885474816	G	$-1*2^3(3+4)/5*(6*(7^8-9))$
806985981	G	$-1-(2-3+4+5)^*(6^7+8^9)$	888468048	G	$(1-2+3^4/5^6)^*78^9$
807072142	G	$1-2+3+4^5*(6-7+8)^9$	888469452	G	$(1-2-3^4/5^6)^*-78^9$
807953125	G	$(-1*(-2-3^4)^5+6)^*7^8+9$	895562499	G	$-1+23*4^5*6^7*8^9$
809015037	G	$-1-2-34^5/-6^7-7*(8+9)$	895999987	G	$-1*2*(3-(4^5)^6*7+8)+9$
812838207	G	$-1-2+(3^4+5+6)^*(7^8+9)$	896000130	P	$-(1+2*(-3-(4^5)^6)^7)+89$
814331507	G	$-1*23^4*5+(6+7)^8-9$	899308962	G	$-1-(2+3*(4-56)^7+8)+9$
815710250	G	$(-1*2^3(3^4))^*5+(-6-7)^8+9$	899308964	G	$1-2-(3*(4-56)/7^8-9)$
815718707	P	$-(1-2^3)^4*5+(6+7)^8-9$	899308980	G	$-1-2-3*((-4+56)^7-8-9)$
815725609	P	$-1+(2+3)/4^5-5-(6+7)^8+9$	899310357	G	$-1-2-3*(4-56)^*(7^8+9)$
815727600	P	$(-1-(2+3)^4)^5-(-6+7)^8-9$	903260160	P	$(1+2-3^4)^*(5/6^6-(7+8+9))$
815727610	P	$(1-(2-3)^4)^5-(-6+7)^8-9$	904531475	G	$-1+2*((3^4+5+6)^7+8^9)$
815729428	G	$-1-(2*3)^4-(5-(6+7)^8)+9$	905071402	G	$(-1*2*3^4+5)^*(6-(7^8-9))$
815729438	G	$-1-(2*3)^4+5+((6+7)^8)+9$	905072806	G	$(-1*2*3^4+5)^*(6-7^8)-9$
815729897	G	$(-1+2/-3^4-4)^5+(-6-7)^8-9$	905072824	G	$(-1*2*3^4+5)^*(6-7^8)+9$
815729907	G	$(-1+2*3^4)^*-5+(-6-7)^8-9$	905074228	G	$(-1*2*3^4+5)^*(6-7^8-9)$
815729920	G	$(-1*2*3^4)^5+(6+7)^8+9$	905074690	G	$1*(2*3^4-5)^*(6+7^8)-9$
815730250	G	$((-1-23)^4*5+(6+7)^8)+9$	905074708	G	$1*(2*3^4-5)^*(6+7^8)+9$
815731132	G	$(1+2+3^4)^5+(6+7)^8-9$	905076112	G	$(-1*(-2*3^4+5))^*(6-(-7^8-9))$
815732020	G	$-1+(2*3)^4-(5-(6+7)^8)+9$	906992540	P	$-1-(-2+34)^5+6*(7+8)-9$
815732030	G	$-1+(2*3)^4+5+((6+7)^8)+9$	906992651	P	$1-2-3^4-(4-5/-6^6-(7+8+9))$
815737191	G	$-1+(2*3)^4+5+(-6-7)^8-9$	910406250	G	$(-1*(-2-3^4)^5+6)^*78^9$
816293778	G	$-1-2+3^4*(5-(6*(7-8))^8)^9$	910837135	G	$-1+(2^3(3+4)+5^6)^*(7^8-9)$
824366551	G	$-1+(23+4^5*6)^*7^8+9$	912680833	G	$-1-2-34/5^*(6*7^8-8^9)$
827881344	G	$1*(2*3)^4*(5^6+7^8)/9$	915527274	G	$-1-2-3/4*(5^6(6+7)+89)$
830131481	G	$-1+2*(3^4*5(5-6/-7^8-8)+9)$	916742846	G	$-1*2*(3/45)^6-7^8-8^9$
832236606	G	$(1*2/3^4(-4^5+6))^*(78+9)$	918236735	G	$-1-(2-3^4(4+5))^*6^7(7+8-9)$
832381344	G	$1*(2*3)^4*(5^6+7^8)/9$	918236736	G	$-1*(2-3^4(4+5))^*6^7(7+8-9)$
838312499	G	$-1+2*34^5*6^7*89$	922746877	G	$-1-(2+((3+4)/56-7)^8+9)$
838860841	G	$-1+(2^3*4)^5+6*(7+8^9)$	925175190	G	$-1+2-3^4(4+5+6)+7^8+9$
843307992	G	$-1-((2*3+(4^5-5+6)^7)^8-9)$	928134723	G	$(-1+2*3^4)^*(5+6+7^8)-9$
846526394	G	$-1*(2+3^4)^*(5-6^6(-7+(8+9)))$	929446406	P	$-(1*2*3)^4(4+5)+6+7^8+9$
846526534	G	$1*(2+3^4)^*(5+6^6(-7+(8+9)))$	929726333	G	$-1-(2+(3+4)^5*6^7*8^9)$
847071203	G	$-1-(2+34^5(5-6^6)^*89)$	930134013	G	$-1-2+(3^4)^5*6^7*8^9$
847086509	G	$1+2+34^5(5+6^6)^*89$	931365054	G	$(-1*2/3^4-4)^*(5^6-7^8+9)$
850741831	G	$-1-2+34^5+6*(7+8^9)$	931366503	G	$(-1*2/3^4-4)^*(5^6-7^8)-9$
851367235	G	$-1+2*(3^4(4^5-6)-7)^*89$	931366521	G	$(-1*2/3^4-4)^*(5^6-7^8)+9$
851369727	G	$-1+2*(3^4(4^5-6)+7)^*89$	931367970	G	$(-1*2/3^4-4)^*(5^6-(7^8+9))$
854112820	G	$(1*2/(3-4/5))^*(6+7^8+9)$	931524096	G	$(-1*2^3-3)^*(4^5)^6-7^8-8^9$
854297319	G	$-1+(2+3)^*((4+(5+6))^7+89)$	932678824	G	$-1+(2-3^4(4+(5+6)))^*(7-8^9)$
859099032	G	$(1+2*34^5)^*(6^7-8)^*9$	933887232	G	$-1*2*3^4*(56-7^8+9)$
859938822	G	$-1-2-3*4^5*(6^7+8)+9$	933888681	G	$(-1*2*3^4)^*(56-7^8)-9$
859938840	G	$-1-2+3*(4^5*(6^7-8)+9)$	933888699	G	$(-1*2*3^4)^*(56-7^8)+9$
859960317	G	$-1-2+3*4^5*(6^7+8-9)$	933890148	G	$-1*2*3^4*(56-7^8-9)$
859963422	G	$-1-2-3*(4^5*6^7+8)-9$	933891444	G	$(-1*2/3^4-4)^*(5^6-7^8+9)$
859963656	G	$-1-2+3*(4^5/6^6-7+89)$	933892893	G	$(-1*2*3^4)^*(5^6-7^8)-9$
859987992	P	$-1-2-3^4-(4^5*(6^7+8)+9)$	933892911	G	$(-1*2*3^4)^*(5^6-7^8)+9$
860015613	G	$-1-2+3*4^5*(6^7+8+9)$	933894360	G	$(1*2*3^4)^*(5^6+7^8+9)$
860184573	G	$-1-2+3*4^5*(6^7+8^9)$	933894522	G	$-1*2*3^4*(5+6-7^8+9)$
864719251	G	$1+(2/-3+4)^5*(6-7^8)^*9$	933895971	G	$(-1*2*3^4)^*(5+6-7^8)-9$
864721051	G	$1-(2/-3+4)^5*(6-7^8)^*9$	933895989	G	$(-1*2*3^4)^*(5+6-7^8)+9$
866531250	G	$(1*(-2+3^4)^5+6)^*78^9$	933897609	G	$(1*2*3^4)^*(5-(6-7^8))+9$

933897915	G	$(-1*2^3*3^4)*(5-(6+7^8))-9$	939523449	G	$-1-2^{\wedge}(3+4)*5-6+7*8^{\wedge}9$
933899535	G	$(1*2^3*3^4)*(5+6+7^8)-9$	939523729	G	$-1-2^{\wedge}3*45-(6-7/8^{\wedge}-9)$
933899553	G	$(1*2^3*3^4)*(5+6+7^8)+9$	939523805	G	$-1-234-56+7*8^{\wedge}9$
933901002	G	$1*2^3*3^4*(5+6+7^8+9)$	939524423	G	$-1+2*(34*5-6)+7/8^{\wedge}-9$
933901164	G	$(-1*2^3*3^4)*(-5*6-7^8+9)$	939524574	G	$-1+23+456+7*8^{\wedge}9$
933902613	G	$(-1*2^3*3^4)*(-5*6-7^8)-9$	939524597	G	$-1-(2-(3+4))*(5+6+7+8^{\wedge}9))$
933902631	G	$(-1*2^3*3^4)*(-5*6-7^8)+9$	939524729	G	$-1+2^{\wedge}(3+4)*5-6+7*8^{\wedge}9$
933904080	G	$(1*2^3*3^4)*(5*6+(7^8+9))$	939524741	G	$-1+2^{\wedge}(3+4)*5+6+7*8^{\wedge}9$
933905376	G	$1*2^3*3^4*(56+7^8-9)$	939524845	G	$-1+(2+3)^{\wedge}4/5*6+7*8^{\wedge}9$
933906825	G	$(1*2^3*3^4)*(56+7^8)-9$	939524903	G	$-1-2+3*45*6+7*8^{\wedge}9$
933906843	G	$(1*2^3*3^4)*(56+7^8)+9$	939525380	G	$-1+((2*3)^{\wedge}4-5-6)-7*-8^{\wedge}9$
933908292	G	$1*2^3*3^4*(56+7^8+9)$	939525390	G	$-1+(2*3)^{\wedge}4+5-6-7*-8^{\wedge}9$
935329797	G	$1*2+3-4^{\wedge}(5+6)+7*8^{\wedge}9$	939525402	G	$-1+((2*3)^{\wedge}4+5+6-7*-8^{\wedge}9)$
936427554	G	$(1*2/3^{\wedge}-4)*(5^6-(-7^8+9))$	939525569	P	$1+2+(-3-4)*-(5*6*7+8^{\wedge}9)$
936429003	G	$(1*2/3^{\wedge}-4)*(5^6+7^8)-9$	939526434	G	$-1+2345-6+7*8^{\wedge}9$
936429021	G	$(1*2/3^{\wedge}-4)*(5^6+7^8)+9$	939526446	G	$-1+2345+6+7*8^{\wedge}9$
936430470	G	$(1*2/3^{\wedge}-4)*(5^6+7^8+9)$	939526587	G	$1+(-2-3^{\wedge}4)*-5*6-7/-8^{\wedge}-9$
937008471	G	$((1-2/3^{\wedge}-4)*5^6+7/8^{\wedge}-9)$	939527549	G	$-1-2+3456+7*8^{\wedge}9$
937524095	G	$-1-2^{\wedge}(3+4)*5^6+7*8^{\wedge}9$	939527553	G	$-1+2+3456+7*8^{\wedge}9$
937564506	G	$-1-2-(3+4)*(5+6^{\wedge}7-8^{\wedge}9)$	939528062	G	$-1-2+(3+4)*(567+8^{\wedge}9)$
937865222	P	$-(1+23)^{\wedge}4*5+6-7/-8^{\wedge}-9$	939528064	G	$1-2+(3+4)*(567+8^{\wedge}9)$
938031092	G	$-1*(2+(3*4)^5)*6+7*8^{\wedge}9$	939528182	G	$1+2^{\wedge}(3*4)-5-6+7*8^{\wedge}9$
938124885	G	$-1*23^{\wedge}4*5-6+7*8^{\wedge}9$	939528185	G	$-1+2^{\wedge}(3+4+5)-6+7*8^{\wedge}9$
938227221	G	$1*(-2-3^{\wedge}4)*5^6-7*-8^{\wedge}9$	939528197	G	$-1+2^{\wedge}(3+4+5)+6+7*8^{\wedge}9$
938258469	G	$-1*2-3^{\wedge}4*5^6+7*8^{\wedge}9$	939528202	G	$-1+2^{\wedge}(3*4)+5+6+7*8^{\wedge}9$
938992843	G	$-1-2-34*5^6+7/8^{\wedge}-9$	939528956	G	$(1*2*3^{\wedge}4)*5*6+7/8^{\wedge}-9$
939026421	G	$1-2*((3*4)^5+6)-7/-8^{\wedge}-9$	939530216	G	$-1-(23-4^5*6)+7*8^{\wedge}9$
939102221	G	$-1*(23+4)*5^6+7*8^{\wedge}9$	939530253	G	$1+2*(3*4^5+6)-7/-8^{\wedge}-9$
939244198	G	$-1-23^{\wedge}4-56+7*8^{\wedge}9$	939539684	G	$-1-(2+34)+5^6+7*8^{\wedge}9$
939244224	G	$-1-23^{\wedge}4-5*6+7/8^{\wedge}-9$	939539747	G	$-1+23+4+5^6+7*8^{\wedge}9$
939244284	G	$-1-23^{\wedge}4+5*6+7/8^{\wedge}-9$	939544570	G	$(1*2^{\wedge}3)^{\wedge}4*5-6+7*8^{\wedge}9$
939244310	G	$-1-23^{\wedge}4+56+7*8^{\wedge}9$	939547551	G	$-1+23456+7/8^{\wedge}-9$
939275257	G	$(1-2-(3*4)^5-6+7*8^{\wedge}9)$	939557715	G	$-1+2*(3+4)^5+6+7*8^{\wedge}9$
939405995	G	$-1-2-3^{\wedge}(4+5)*6+7*8^{\wedge}9$	939557721	G	$-1+2*((3+4)^5+6)+7*8^{\wedge}9$
939405997	G	$1-2-3^{\wedge}(4+5)*6+7*8^{\wedge}9$	939570956	G	$-1-2-3*(4-5^6)-7*-8^{\wedge}9$
939414767	G	$-1-(2+(3+4)*(5^6-(7+8^{\wedge}9)))$	939570980	G	$-1-(2-3*(4-5^6)-7/8^{\wedge}-9)$
939451519	G	$-1-(2*3)^{\wedge}4*56-7*-8^{\wedge}9$	939586572	G	$-1-(23-4*5^6-7*8^{\wedge}9)$
939461572	G	$-1-23-4*5^6+7/8^{\wedge}-9$	939586598	G	$1-2+3+4*5^6+7*8^{\wedge}9$
939461598	G	$1-2+3-4*5^6+7*8^{\wedge}9$	939596671	G	$-1+(2*3)^{\wedge}4*56-7*-8^{\wedge}9$
939461603	G	$-1-(2+3-4*5^6+7*8^{\wedge}9)$	939633472	G	$-1+(2+((3+4)/5^{\wedge}-6+7/8^{\wedge}-9))$
939461618	G	$-1+23-4*5^6+7/8^{\wedge}-9$	939633517	G	$-1-2-(-3-4)*(5^6+7+8^{\wedge}9)$
939477206	G	$-1-2-3*(4+5^6)+7*8^{\wedge}9$	939642191	G	$-1-2+3^{\wedge}(4+5)*6+7*8^{\wedge}9$
939477230	G	$-1-(2-3*(4-5^6)-7/8^{\wedge}-9)$	939642193	G	$1-2+3^{\wedge}(4+5)*6+7*8^{\wedge}9$
939490487	G	$-1-2*(3+4)^5+6+7*8^{\wedge}9$	939649101	G	$-1-(-2*(3-4*5-5^6)-7*8^{\wedge}9)$
939500639	G	$-1-23456+7/8^{\wedge}-9$	939760291	G	$-1+2*3^{\wedge}(4+5)*6+7*8^{\wedge}9$
939503610	G	$(1*2^{\wedge}3)^{\wedge}4*5-6-7/-8^{\wedge}-9$	939803880	G	$-1+23^{\wedge}4-56+7*8^{\wedge}9$
939507845	G	$-1-(2+3)^{\wedge}4-5^6+7*8^{\wedge}9$	939803906	G	$-1+23^{\wedge}4-5*6+7/8^{\wedge}-9$
939508434	G	$-1-2-34-5^6+7*8^{\wedge}9$	939803966	G	$-1+23^{\wedge}4+5^6+7/8^{\wedge}-9$
939508497	G	$-1+23+4-5^6+7*8^{\wedge}9$	939803992	G	$-1+23^{\wedge}4+56+7*8^{\wedge}9$
939509095	G	$-1+(2+3)^{\wedge}4-5^6+7*8^{\wedge}9$	940021753	G	$-1+(2/(3*4)^{\wedge}-5-6-7/-8^{\wedge}-9)$
939513681	G	$-1-(2/3*(-4+5^6)-7*8^{\wedge}9)$	940021773	G	$1+2*((3*4)^5+6)-7/-8^{\wedge}-9$
939516289	G	$-1-(((2*3)^{\wedge}4+5)*6-7*8^{\wedge}9)$	940055343	G	$-1-(2-34*5^6-7*8^{\wedge}9)$
939517928	G	$-1-23-4^5*6+7/8^{\wedge}-9$	940055345	G	$(1-2+34*5^6+7/8^{\wedge}-9)$
939517941	G	$1-2*(3*4^5+6)-7/-8^{\wedge}-9$	940586983	G	$-1-2*(-3-(-4-5)^6)-7*-8^{\wedge}9$
939517974	G	$-1+23-4^5*6+7/8^{\wedge}-9$	940758470	G	$(-1-(2-3^{\wedge}4)*5^6+7/8^{\wedge}-9)$
939519236	G	$(-1*2^3*3^4)*5^6-7/-8^{\wedge}-9$	940774096	G	$(1-2+3^{\wedge}4)*5^6-7/-8^{\wedge}-9$
939519990	G	$1-2^{\wedge}(3*4)-5-6+7*8^{\wedge}9$	940789719	G	$-1*2+3^{\wedge}4*5^6+7*8^{\wedge}9$
939519995	G	$1-2^{\wedge}(3+4+5)-6+7*8^{\wedge}9$	940923295	G	$1*23^{\wedge}4*5-6+7*8^{\wedge}9$
939520010	G	$-1-2^{\wedge}(3*4)+5+6+7*8^{\wedge}9$	940923312	G	$((1+23^{\wedge}4)*5+6+7*8^{\wedge}9)$
939520255	G	$-1-(2^{\wedge}(3+4)*5*6-7*8^{\wedge}9)$	941017076	G	$-1*(2-(3*4)^5)*6+7*8^{\wedge}9$
939520637	G	$-1-2-3456+7*8^{\wedge}9$	941346813	G	$-1-(2-3*((4*5)^6+7-8^{\wedge}9))$
939521607	G	$1-(-2-3^{\wedge}4)*-5*6-7/-8^{\wedge}-9$	941483645	G	$-1-2+(3*4-5)*(6^7+8^{\wedge}9)$
939521744	G	$-1-2345-6+7*8^{\wedge}9$	941524095	G	$-1+2^{\wedge}(3+4)*5^6+7*8^{\wedge}9$
939521751	P	$-1-(2*3)^{\wedge}4+56-7*-8^{\wedge}9$	941545016	G	$-1+(((23*4)^5+6)/7-(8+9))$
939522743	G	$-1-((2*3)^{\wedge}4+56)-7*-8^{\wedge}9$	941545122	G	$-1-((23*-4)^5-6)/7+89$
939522788	G	$-1-((2*3)^{\wedge}4+5+6-7*8^{\wedge}9)$	941883395	G	$1+2+(3*4^{\wedge}-5*6+7)*8^{\wedge}9$
939522798	G	$-1-(2*3)^{\wedge}4+5-6-7*-8^{\wedge}9$	942055345	G	$-1+2*3^{\wedge}4*5^6+7*8^{\wedge}9$
939522810	G	$-1-((2*3)^{\wedge}4-5-6)-7*-8^{\wedge}9$	942055347	G	$1+2*3^{\wedge}4*5^6+7*8^{\wedge}9$
939523283	G	$-1-2-3*45*6+7*8^{\wedge}9$	942724091	G	$(1+((2+3)*4)^5-6+7*8^{\wedge}9)$
939523345	G	$-1-(2+3)^{\wedge}4/5*6+7*8^{\wedge}9$	943718376	G	$-1-23+4^{\wedge}(5+6)+7/8^{\wedge}-9$

943718405	G	$1*2+3+4^(5+6)+7*8^9$	1072251869	G	$-1+(2/3+4*5)*(-6+7^8)^9$
943718422	G	$-1+23+4^(5+6)+7/8^9$	1072251871	G	$1+(2/3+4*5)*(-6+7^8)^9$
944297999	G	$-1+2*(3^4-4-5^4-6)*(7+8)^9$	1072254101	G	$-1-(2/3+4*5)*(-6-7^8)^9$
944307062	G	$-1-2+3^4(4*5-6)+7*8^9$	1072254103	G	$1-(2/3+4*5)*(-6-7^8)^9$
945425885	G	$-1-(2-(34*5-6)*(7^8-9))$	1072758784	G	$(1+2^4(-3*4)^5*5^6-6+7)^8*8^9$
947919326	G	$1*23^4*5^6+7*8^9$	1073479679	G	$-1+2*((3-4^4-5-6)+7)^8*8^9$
948721606	G	$-1+2-3+((4*5-6)^7+8)^9$	1073741199	G	$-1*(2+3)^4+56/7*8^9$
949289720	G	$-1+(2+3)^4*5^6+7*8^9$	1073741589	G	$-1-234+56/7*8^9$
949305346	G	$(1+(2+3)^4)^5*6-7*-8^9$	1073742057	G	$-1+234+56/7*8^9$
951215798	G	$(-1+23)/(4+5)^4-6+7*8^9$	1073774591	G	$-1+2^3*(4^4(5-(6-7))+8^9)$
951679124	G	$-1-(-2*3^4-4-5^4-6)*(7+8)^9$	1074003967	G	$-1+2*((3+4^4-5-6)+7)^8*8^9$
951747238	G	$-1+23*(4+5)^6+7*8^9$	1074724864	G	$G(1-2^4(-3*4)^5*5^6-6+7)^8*8^9$
953873004	G	$-1+2+3^4(4+5+6)+7*8^9$	1074954456	P	$(-1-23)^4*(4*5*6^7+8^9)$
954143892	G	$-1-(2-34^5*(6+7+8))-9$	1084939295	G	$-1+2^3*(4+(5*6^7+8^9))$
954650052	G	$(-1*23*(4/5*(6-7^8)))^9$	1086478836	P	$-((1+2^3)^4-5^4(6+7))-8^9$
956956974	G	$-1+23*(4+5)^6/7^8-8^9$	1086485316	G	$G((1-2)^3*3^4+5^4(6+7))-8^9$
959999918	G	$-1-(2*3-(4*5)^6)*(7+8)+9$	1086485363	G	$G((1-2)^3*34+5^4(6+7))-8^9$
960000003	G	$-1*2*3+(4*5)^6*(7+8)+9$	1087999827	G	$-1-2-(3-(4*5)^6+7)^8(8+9)$
967130497	G	$1+23^4*(56*7-8)^9$	1087999857	P	$-1-23+(-(4*5)^6+7)^8(8+9)$
968485065	G	$-1-(2-3*(4+56*(7^8-9)))$	1087999859	P	$1-23+(-(4*5)^6+7)^8(8+9)$
968486604	G	$-1-(2-3*(4-56*(7^8+9)))$	1087999888	P	$1+2*3+(-(4*5)^6+7)^8(8+9)$
968488089	G	$-1-2+3*(4+56*(7^8+9))$	1087999929	G	$-1-2-(3-(4*5)^6+7)^8(8+9)$
980013617	G	$-1-2-34^5*(6-7^8+9)$	1087999933	G	$-1+2-(3-(4*5)^6+7)^8(8+9)$
980014843	G	$1-2-34*(5*(6-7^8+9))$	1088000271	G	$-1-(23-(4*5)^6+7)^8(8+9)$
980016677	G	$-1-2-34^5*(6-(7^8+9))$	1089547386	G	$-1-(2-3*(4+5)*(6-(7-8)))^9$
981467162	G	$1-2+3*(4^(5+6)*78+9)$	1090450029	G	$-1-(2-(34^5-6)*(7+8+9))$
983109096	G	$(1*(-23+4)^5*(5^6-7^8))^9$	1101532018	G	$G(1+(23^4)^5*6-(7+8)^9)$
985780857	P	$-((1*2)^3*(3+4)+5)^6*(6-7^8*9)$	1107296311	G	$-1+2^3*(4^4(5+6)+7+8^9)$
985781085	G	$((1*2)^3*(3+4)+5)^6*(6+7^8*9)$	1119881036	G	$1-2+3*(4^4(5+6)+7)^8*89$
988452846	G	$(1*(23-4)^5*(5^6+7^8))^9$	1120677606	G	$G(1*2*3^4)/5*(6/(7^8-9))$
990074580	G	$-1-(2-3^4(4+5+6)*(78-9))$	1120679064	G	$(-1*2*3^4)/5*(6*(7^8-9))$
991088674	G	$-1-(2-3^4*(4+5)^6*(7^8+9)^9)$	1127428971	G	$-1-2+(3*4/5+6)/(7+8)^9$
993845922	G	$-1-(2-3^4*(4+(5+6)^7)^8(8+9))$	1129900995	G	$-1+(2^3+4*5)^6*(6-(7-8))^9$
998244249	G	$-1+2*(-3+4^4(5+6)^7)^8(8+9)$	1131524098	G	$1*2-(3*(4*5)^6-7/8^9)$
998244357	G	$-1+2*(3-4^4(5+6)^7)^8(8+9)$	1133563650	G	$-1-(2-3^4(4+5+6)^7(7+8)^9)$
999993439	P	$-((1+2^3)^4+(5+6+7-8))^9$	1134187499	G	$-1+23^4*5^6*789$
999998703	G	$-1-(2*3)^4-(-5-6-(7-8))^9$	1134465740	G	$-1-2+(3-4*5)^6*(7*8-9)$
1000001295	G	$-1+(2*3)^4-(-5-6-(7-8))^9$	1141429140	G	$(-1*2*(3^4-(5+6)^7*8))^9$
1003074329	G	$-1-(2/3-4*5)*(-6+7^8)^9$	1141432056	G	$(1*2*(3^4+(-5-6)^7*8))^9$
1003074331	G	$1-(2/3-4*5)*(6+7^8)^9$	1145324621	G	$-1+((2^3+4+5+6)/(7+8)^9)$
1003076417	G	$-1+(2/3-4*5)*(-6-7^8)^9$	1146337831	G	$(-1+(2^4(3+4+5)))/6^7-89$
1003076419	G	$1+(2/3-4*5)*(-6-7^8)^9$	1146617838	G	$(1*2)*(((3-4+5)^6)^7/8-9)$
1003524072	G	$-1-23+(4*5)^6-7*-8^9$	1148857343	G	$-1+(2+3^4+5)^6*(6^7+8+9)$
1003524118	G	$-1+23+(4*5)^6-7*-8^9$	1161421272	G	$G(1+23^4*5)^6*(6^7-8)^9$
1007999999	G	$-1+2^4(3+4)^5*6^7*8^9$	1162261375	G	$-1-2+3^4(4*5+6-7)-89$
1009124999	G	$-1+23^4*5^6*78^9$	1162261447	G	$-1-2+3^4(4*5+6-7)-8-9$
1014606557	G	$-1-2+(34*5+6)^7(7^8+9)$	1162261524	G	$-1-(2-3*(4*5-(6-(7+8))^9))$
1023999917	G	$-1-2*((-3-(4*5)^6+7)^8+9)$	1162261553	G	$-1-2+3^4(4*5+6-7)+89$
1025156183	G	$-1+2*(3*((4+5+6)^7-8)-9)$	1162261599	G	$-1-2+3*(45-(6-(7+8))^9)$
1025156224	P	$-1-(2*(3^3-(4+5+6)^7+8)+9)$	1171532159	G	$-1-(2^4-3-4)^5/6^4(7-8-9)$
1025156274	G	$-1+(2*(3^3(4+5+6)^7+8)+9)$	1176017735	G	$-1-(2-34*(5+6*(7^8-9)))$
1027924989	G	$-1-2+(3^4+5)^6*(6^7-(-8-9))$	1176019265	G	$-1-2+34*(5+6/7^8-8-9)$
1027924995	G	$1+2+(3^4+5)^6*(6^7-(-8-9))$	1176019580	P	$-1-2-34*(-5-6/7^8-8)+9$
1028043736	G	$-1-2+3^4(4*5+6-7)-8^9$	1176019877	G	$-1-(2-34*(5-6*7^8+9))$
1033120797	G	$-1-2+(3^4(4+5+6)-7)^8*8^9$	1176021407	G	$-1-2+34*(5+6*(7^8+9))$
1033120943	G	$-1-(2-3^4(4+5+6)+7)^8*8^9$	1176221085	G	$-1-2-(3-45)^4(6+7-8)^9$
1033121951	G	$-1+(2+3^4(4+5+6)+7)^8*8^9$	1176221087	G	$1-2-(3-45)^4(6+7-8)^9$
1034851680	G	$(1*(-2-3)^4*(5^6-7^8))^9$	1176221089	G	$-1+2-(3-45)^4(6+7-8)^9$
1036251191	G	$-1-(2-(3+4*5)^6)*7-(8+9)$	1176221091	G	$G(1+2-(3-45)^4(6+7-8)^9)$
1037662557	G	$-1-2-3*(-4-56)^6*(7^8-9)$	1178117021	G	$-1+2*((34-5)^6-6-7^8-9)$
1037664204	G	$-1-2+3*((4+56)^7+8+9)$	1178117030	G	$-1+2*((34-5)^6-6-7^8-9)$
1039682304	G	$(1-(2+3)^4+5)^6-6^7(7-(8-9))$	1181320965	G	$G(1+2*34^5)^6*(6+7)+8*-9$
1040476680	G	$(-1*(-2-3)^4*(5^6+7^8))^9$	1181321026	G	$1+2/34^5-5^6(6+7)-(8-9)$
1041361920	G	$(1*(2+3)^4-5)/6^4(-7+8-9)$	1184287044	G	$-1-(2-((3+4*5)^6-6-7)^8+9)$
1048080381	G	$-1-2+(3^4)^5*6^7*8^9$	1184287156	G	$-1-2+((3+4*5)^6+7)^8-9$
1049193781	G	$-1+(2*3+4*5)^6*(6-(7-8))^9$	1184287192	G	$-1+((2+(3+4*5)^6+7)^8+9)$
1051372201	G	$1+2/-3^4+(5/6+7)/8^9$	1184625000	G	$(1+2)^3*4^5*6^7*8^9$
1058158079	G	$-1+((2+3)^4+5)^6*(6^7(7-(8-9)))$	1193313209	G	$(1*23)^4*(4-5*6+7^8*9)$
1060723374	G	$-1+(2^4(3+4)+56)/7^8-8-9$	1193314405	P	$(-1*23)^4*(4-5*6-7^8*9)$
1060725039	G	$-1+(2^4(3+4)+56)^7(7^8+9)$	1200365565	G	$-1-2+(3^4)^5*6^7*8^9$

1200725693	G	$-1+(2*3)^4/56*7^8*9$	1372022635	G	$-1-2+34*((5-6)^7+8)^9$
1207959172	G	$-1+2-3+(-4-5)*(6*7-8^9)$	1377494976	G	$(1-2+3^{4(4+5+6)})*(7+89)$
1207959196	G	$-1+23-(4+5)*(6*7-8^9)$	1377495096	G	$-1-(2-3*(4^4-5/6^{4(-7-8)+9}))$
1207960131	G	$-1-23+(4+5)*(67+8^9)$	1389314873	G	$1-(-2+3^4(4-(5-6)))*(-7^8+9)$
1207960157	P	$1-2+3+(-4-5)^*(-67+8^9)$	1390662998	G	$-1+(23-4^4-5)/6^{4(7-8-9)}$
1210478952	G	$-1-(23-(4+5)*(6^7+8^9))$	1390698497	P	$1+23*(-4^4+6^{4(-7-8)+9})$
1210478974	G	$-1+2-(3-(4+5)*(6^7+8^9))$	1390721588	G	$(-1*23)^*(4*5-6^{4(-7+8+9)})$
1210606317	G	$-1-2+(-3-4)*5*6*(7^8-9)$	1390721841	G	$-1*23*(4+5-6^{4(-7+8+9)})$
1210606951	G	$1+(2/3+4)*5*(-6+7^8)*9$	1390722025	G	$1*23*(4-5+6^{4(-7+8+9)})$
1210607892	G	$-1-2+(-3-4)*5*(-6/7^8-8+9)$	1390722045	G	$-1-2+(3+4^5)/6^{4(7-8-9)}$
1210608216	G	$-1-2+(-3-4)*5*6*7^8+9$	1390722071	G	$-1*23*(4-5-6^{4(-7+8+9)})$
1210608218	G	$1-2+(3+4)*5*6*7^8+9$	1390722255	G	$1*23*(4+5+6^{4(-7+8+9)})$
1210608270	G	$-1-(2+(-3-4)*(5*6*7^8+9))$	1390722508	G	$(1*23)^*(4*5+6^{4(-7+8+9)})$
1210608272	G	$1-2+(-3-4)*(5*6*7^8-9)$	1390745601	P	$1-23*(-4^4-5-6^{4(-7-8)+9})$
1210609471	G	$1-(2/3+4)*5*(-6-7^8)*9$	1390781096	G	$-1+(23+4^4-5)/6^{4(7-8-9)}$
1212136637	G	$-1-(2-34^5*6)+7^8+9$	1395864449	G	$-1+2*(3+(4/(5+6))*(7+8^9))$
1216881791	G	$-1+(2^4-3+4^5)/6^{4(7-8-9)}$	1397049768	G	$(1*(23-4)^*(5^6-7^8))^*9$
1217868033	P	$1-(23^4)^{-(-5-(6-7))}*(-8-9)$	1399710624	G	$-1-(2+3)^4*((-5-6^7)^*8-9)$
1220696475	P	$-(1+2^3)^4+5^4(6+7)-89$	1400844453	G	$-1-(2-3^4(4-5+6)*(7^8-9))$
1220697500	G	$1*(2+3)^4*(5^4(-6+(7+8))-9)$	1400848235	G	$-1+(23+4)^*(5+6+7^8)*9$
1220701756	G	$-1-(-2*3)^4+5^4(6+7)-8*9$	1403067095	P	$-1-(2^4-(-3-4)-(5+6)^7)^*8*9$
1220701811	G	$-1-((-2*3)^4-5^4(6+7)+8)-9$	1403074854	G	$(-1*2^3*3^4+(5+6)^7*8)^*9$
1220704348	G	$-1+(-2*3)^4+5^4(6+7)-8*9$	1403075681	G	$-1-2*(3-4*(5+6)^7*8)^*9$
1220704403	P	$-1+(1-((-2*3)^4+5^4(6+7))+8))-9$	1403077173	G	$-1-2+(3+4^5*(5+6)^7)^*8*9$
1220708750	G	$1*(2+3)^4*(5^4(-6+(7+8))+9)$	1403077770	G	$(1*2^3*3^4+(5+6)^7*8)^*9$
1223596106	P	$-1-2*(3/4*(5+(6+7)^8)-9)$	1403999999	G	$-1+2^4(3+4)*5^6*7^8*9$
1241822016	G	$(1*2^3*4-5*(5^6-7^8))^*9$	1404641331	P	$(-1-2)^3*4^4*(5^6+7^8-9)$
1245999999	G	$-1+2^4(3+4)*5^6*7^8+9$	1404643518	G	$(1*(23+4)^*(5^6+7^8))^*9$
1247114879	G	$-1+(2^4-3+4)*5/6^{4(7-8-9)}$	1410877448	G	$-1+((2+3)^4+5)/6^{4-7*8+9}$
1248354906	G	$-1-(2-3^4(4+5+6)*(78+9))$	1420541792	G	$-1-(23+4)^5*(6*(-7-8)-9)$
1248572016	G	$(1*2^3*4*(5^6+7^8))^*9$	1448999999	G	$-1-(-2+3^4-4)^*(5*6)^{4(7+8-9)}$
1259524095	G	$-1-(-2-3)*(4^5)^6-7/-8^9-9$	1452253951	G	$-1-((-2*3^4)^5+6^4(7-(8-9)))$
1262491427	G	$-1-((2+3-4*5^6)/7^8-8-9)$	1452729471	G	$-1-(2+(3-4)^5*(6/7^8-8-9))$
1277051922	G	$-1*(2-3^4(4+5+6)+7)^*89$	1452729642	G	$-1*(2/3+4)^*(5-6*7^8)^*9$
1286470564	G	$-1-23-(4-(5*6)^7)/(8+9)$	1453928835	G	$1+(2*3^4)^5-6*789$
1288490250	G	$(-1*2)^*(3-4/5*(6*(7+8^9)))$	1453932428	P	$-1+(2*3^4)^5+67*(-8+9)$
1288490262	P	$(-1*2)^*(3-4/5*(6*(7+8^9)))$	1453932991	P	$-1+(2*3^4)^5+6*(-7+89)$
1289945058	G	$-1-2+3*(4-5+6+7)^8-9$	1453933022	P	$-(1-(2*3^4)^5+67*8)-9$
1291315400	P	$-1-23+4^4-(5+6)*(7*8)^9$	1453933045	P	$-1+(2*3^4)^5+6*(-78+9)$
1291315482	P	$-1+(23+4^4*(56*7^8+9))$	1453933090	P	$-(1-(2*3^4)^5+6*78)-9$
1291317416	G	$-1-23-4*56*(-7^8-9)$	1453933153	P	$-1+(2*3^4)^5+6*(-78-9)$
1291317462	G	$-1+23-4*56*(-7^8-9)$	1453933436	P	$-(1-(2*3^4)^5+6*7)-89$
1296479192	G	$-1-2+3^4(4*5+6-7)+8^9$	1453933592	G	$-1+((2*3^4)^5+6*7-8-9)$
1297438047	G	$(-1*2)^*(3-4/5*(6*(7+8^9)))$	1453934026	P	$-(1-(2*3^4)^5+6*78)-9$
1297438163	G	$(1*2/3+(4+5))*(6+7+8^9)$	1453934059	P	$-1+(2*3^4)^5+6*(-7-89)$
1308611869	G	$1-2+(3+4*5^6)*(7^8+9)$	1453934079	G	$1+(2*3^4)^5+6-7*8*9$
1323524096	G	$(1+2+3)*(4*5)^6-7*8^9$	1453934094	P	$-(1-(2*3^4)^5-67*8)-9$
1325127619	G	$-1-(2^3-4*(5+6)^7*(8+9))$	1457346816	G	$(-1*(2*3)^4*(5^6+7^8))^*8*9$
1325127676	G	$-1-2+(3+4*(5+6)^7*(8+9))$	1458494753	G	$-1+23*(4+(-5-6)*7^8)+9$
1326944588	G	$1+2+(3*(4+5))^6-7/-8^9-9$	1458653184	G	$(1*(2*3)^4*(5^6+7^8))^*8*9$
1338863272	G	$(-1*2*(-3^4-4+5))*(6-7-8^9)$	1459698353	G	$-1-((-2*3^4)^5+6-7^8)-9$
1343999732	P	$1-2-3*(-(4*5)^6*7+89)$	1466235189	G	$-1-(-23*(4^5)^6+7^8+9)$
1343999781	G	$-1-(2-3*(4*5)^6*7-8^9)$	1466999999	G	$-1-(-2-3^4-4)^*(5*6)^{4(7+8-9)}$
1344000069	G	$-1-2-(-3*(4*5)^6*7-8^9)$	1467553626	G	$(-1*(2/(3+4)-5)^6*7^8)^*9$
1344000213	G	$-1-(2-3*(4*5)^6*7+8^9)$	1471999903	G	$-1+23/(4*5)^6-6-7-89$
1344000264	P	$-1-2-3*(-(4*5)^6*7+89)$	1471999905	G	$1+23*(4*5)^6-(7+89)$
1345491308	G	$(-1*2*(3^4-4+5))*(6-7-8^9)$	1471999912	G	$-1+23/(4*5)^6-6-78-9$
1348963412	G	$1-23+(-4+5*6)*7^8+9$	1471999914	G	$1+23*(4*5)^6-(78+9)$
1348963457	G	$1*23+(-4+5*6)*7^8+9$	1471999952	G	$-1+23/(4*5)^6-6+7*8+9$
1351703742	G	$-1-(2-(3-4*5)^6)*7^8-9$	1475608573	G	$-1-2+((-3+4^4-5)^6*6+7)^*8^9$
1354914292	P	$-((1+2^3)^4-5^4(6+7))+8^9$	1476001789	G	$-1-2-(3*(4^4-5+6)+7)/8^9-9$
1354920772	G	$((1-2)^3*4+5^4(6+7))+8^9$	1476115243	G	$-1-(23^4-5+6)*(7+8^9))$
1354920819	G	$((1-2)^3*4+5^4(6+7))+8^9$	1476393788	G	$-1-((2*3)^4+(-5-6)*(7+8^9))$
1358955222	G	$-1-2+3^4*((5-(6+7))^8+9)$	1476394850	G	$-1-23+(5+6)*(7^8+9)$
1363062717	G	$-1-(2+34^5*(6*7-8^9))$	1476395065	G	$-1*(2+3)^4+(5+6)*(7+8^9)$
1363062881	G	$-1+2*((34^5+6)*7+8)-9$	1476395070	G	$-1-(2+3^4-5+6)*(7+8^9))$
1366255703	G	$-1+((-2-(3-4))^5-6*(7^8-9))$	1476395118	G	$1+(2^3*4+(5+6)*(7+8^9))$
1366257845	P	$-1+((-2-(3+4))^5+6)/-7^8-8+9$	1476788221	G	$-1-2+(3*(4^4-5+6)-7)/8^9-9$
1366874926	P	$-(1+(2^3-4+5+6)^7)*8-9$	1477181437	G	$-1-2+((-3-4^4-5)^6*6+7)^*8^9$
1372022465	G	$-1-(2+34*(5-(6-(7-8))^9))$	1525878904	G	$-1+(2-3/4)^*(5^4(6+7)+8-9)$

1529297658	G	$(1+(2+3)^{(4+5)})^{(-6+789)}$	1720136735	G	$-1+(2^{(-3+4^5)}*6^{(7-(8-9))})$
1535999822	P	$1-2-3^{*(-(4^5)^{6+7})} * 8^{-9}$	1724965629	G	$-1-(2-(3+4^5)*6^{(7-(8-9))})$
1535999904	P	$(-1-23)^{*-(4^5)^{6-7-89}}$	1727999970	G	$-1-(2-3^{*((4^5)^{6+7-8})} * 9)$
1535999913	P	$(-1-23)^{*-(4^5)^{6-78-9}}$	1728324863	G	$-1+(2+(3+4^5))*6^{(7-(8-9))}$
1535999918	P	$-((-1-23)^{(4^5)^{6-7}}-89)$	1729440300	G	$(-1*(2/3-4-5*6)^{7*8})^*9$
1536000044	G	$-1-2+(3^{(4^5)^{6+7}})*8^{-9}$	1734358138	G	$(-1+2)^{* -3^4+(5+6)^{7*8}9}$
1536000158	P	$1-2-3^{*(-((4^5)^{6+7})} * 8^{-9}$	1737904951	G	$1-(2-34^5(5-(6-7)))/8^*9$
1541010102	P	$(-1-(2+3)^{(4+5))-6)^{*789}$	1737904987	G	$1+(2+34^5(5-(6-7)))/8^*9$
1541672496	G	$(-1*(2/(3+4)-5*6)^{7*8})^*9$	1738225709	P	$-1-(-(23-4)^{5-6})^{7*8*9}$
1542613414	P	$-1-(-(23-4)^{5-6})^{7*89}$	1743431259	G	$-1*23^4*5+(6+7)^{8*9}$
1544803719	G	$(1+2*34^5-6*7)^{(8+9)}$	1744437245	G	$-1-2-(3^4^5-5-6-7)^{8*9}$
1544805204	G	$-1+(2*(3^4+5))^{6+789}$	1744806911	G	$-1-(23^4^5+(-6-7)^{8*9})$
1545246737	G	$-1+2*(345*6^7*8+9)$	1744809984	G	$(-1*2^{(3^4)})^{5+(-6-7)^{8*9}}$
1549681998	G	$-1+23+4^5(5-(6-(7+8)))^9$	1744826363	G	$-1*(2^{(3^4)}+5+(-6-7)^{8*9})$
1556494667	G	$-1+2*(3^4*5^{(-6+7^8+9)})$	1744827389	G	$-1-2-3^4*5+(6+7)^{8*9}$
1556494812	G	$(-1*2^3*4+5*6*7^8)^*9$	1744829172	G	$-1-((2^3)^4+5+(-6-7)^{8*9})$
1556496108	G	$(1-23+4-5*-6/7^8-8)^*9$	1744829462	G	$-1+23-4^5+(6+7)/8^9-9$
1556496263	G	$1-2+3+45*6*7^8-9$	1744829654	G	$(-1*2^3*4^5+5+(6+7)/8^9-9)$
1556496697	G	$-1+23+45*(6*7^8+9)$	1744830105	G	$(1-2^3*45+(6+7)^{8*9})$
1556497728	G	$(1*2^3*4^5-5*-6*7^8)^*9$	1744830118	G	$1-2-345+(6+7)/8^9-9$
1556497907	P	$-1+2*(3^4*5^{(-6-7^8+9)})$	1744830234	P	$-(1+234)+5+(6+7)/8^9-9$
1556498676	G	$-1-23-45*6^{(-7^8-9)}$	1744830622	G	$1+(2^3*4^5+5+(6+7)^{8*9})$
1556498722	G	$-1+23-45*6^{(-7^8-9)}$	1744830692	P	$-(1-234)-5+(6+7)/8^9-9$
1556500366	G	$(1*2^3*4^5+5*6*7^8)^*9$	1744831103	G	$-1+2^{(3+4)}*5+(6+7)^{8*9}$
1568941982	G	$-1-2-(3-4^5)^{6*(7-8^9)}$	1744831274	G	$(1*2^3*4^5+5+(6+7)/8^9-9)$
1571320044	G	$(1*(2/(3+4)+5*6)^{7*8})^*9$	1744831510	G	$-1+23+4^5+(6+7)^{8*9}$
1573793129	G	$1-2+(3+45*6)^{(7^8+9)}$	1744831764	G	$-1+((2^3)^4+5+(-6-7)^{8*9})$
1577999999	G	$-1+2^{(3+4)}*5^6*789$	1744833533	G	$-1-2+3^4*5+(6+7)^{8*9}$
1579500010	G	$1+(2^3)^4/5^6-6*78+9$	1744834555	G	$1*2^{(3^4)}-5+(-6-7)^{8*9}$
1591085489	G	$-1-(2-(3+45))^{(6/7^8-8+9)}$	1744961558	G	$-1+23+(4^5-5+6+7)/8^9-9$
1610425149	G	$-1-2-3^4*(5^6+7-8^9)$	1746653181	G	$-1-(2-3^{((4^5)^{6*7+8^9}))}$
1610425317	G	$-1-2-3^4*(5^6-(7+8^9))$	1753519101	G	$-1-(2-(34-5)/6^{(7-8-9)})$
1610605929	G	$-1-2-3^4*(567-8^9)$	1754908159	G	$-1+(2^3)^{(4+5)}+(6+7)/8^9-9$
1610610609	G	$-1+2*(3-4^5-6*(7-8^9))$	1760237568	G	$(1+23+4^5)*6^{(7-8+9)}$
1610611869	G	$-1-2-3^4*(5+67-8^9)$	1761749999	G	$-1-(2^3)^4/(5^6-6/(-78-9))$
1610611977	G	$-1-2-3^4*(56+7-8^9)$	1763497858	G	$1*2-34*(5^6+7-8^9)$
1610612517	G	$-1-2-3^4*(5+6+7-8^9)$	1764011967	G	$-1-(2+34*(56-7^8)^9)$
1610612597	G	$-1-2*(3^4+5)+6*(7-8^9)$	1764027201	G	$1-2-34*(56-7^8)^9$
1610613513	G	$-1-2-3^4*(-5*(6+7)-8^9)$	1764027205	G	$1+2-34*(56-7^8)^9$
1610613537	G	$-1-(2-(3+(4+5))^{(67+8^9)})$	1764027437	G	$-1-(2-34*(5-(6-7^8)^9))$
1610613657	G	$-1-2-3^4*((-5-6)^{7-8^9})$	1764028848	G	$-1-2-34*((5/6-7^8)^9)$
1613971965	G	$-1-(2-(3+(4+5))^{(6^7+8^9)})$	1764028854	G	$1+2-34*((5/6-7^8)^9)$
1614144279	G	$-1-(2+(3-45))^{(6-7+8^9)}$	1764029076	G	$-1-2+(-3+(-4-5*6)^{7-8^9})^*9$
1614144324	G	$-1-(2-(3+4))^{(56/7^8-8^9)}$	1764029358	G	$-1-(2-34*((5/6+7^8)^9))$
1617435209	G	$-1+((2+3^4)^{(5+6)^{7+8+9}})$	1764029360	P	$1-2-34^{*(-((5/6+7^8)^9)}$
1625673890	G	$-1+2*(3^4+5+6)/7^8-8+9$	1764029364	P	$1+2-34^{*(-((5/6+7^8)^9)}$
1631461602	G	$-1-2*(-3^4+5-(6+7)^8+9)$	1764031009	G	$1-2+34*(56+7^8)^9$
1632586617	G	$(-1*23-4)^*(5-6^{(-7+8+9)})$	1764031013	G	$1+2+34*(56+7^8)^9$
1632586887	G	$(1*23+4)^*(5+6^{(-7+8+9)})$	1764031109	G	$-1-(2-34*(5-(6-7^8)^9))$
1635483648	G	$(1*23-(4/5)^{6-7})^{8^9}$	1764560358	G	$1*2+34*(5^6+7^8)^9$
1645438914	G	$(1*(2/(3+4)+5)^{6*7^8})^*9$	1789569720	G	$(-1*2)/3*(4^5*6^{(6-7-8^9)})$
1648733086	G	$1*234*(5+6)^{7^8/9}$	1789569880	G	$(-1*2)/3*(4^5*5^6(-7-8^9))$
1653959615	G	$-1-(2*34^5+(-6-7)^{8*9})$	1792029559	G	$-1-2^3+(4^5-6)^{7*8+9}$
1655762688	G	$(-1*2^3*4^5(5^6-7^8))^*9$	1792029590	P	$-(1-23)+(4^5-6)^{7*8+9}$
1663999997	G	$-1-2-3*(4^5)^{6*78/9}$	1792819820	G	$-1+23^4*(5+6)^{7+89}$
1664762688	G	$(1*2^3*4^5(5^6+7^8))^*9$	1798617912	G	$((1*2)/3+4+5*6)^{7^8*9}$
1668524095	G	$-1+(2/3^4)^{6-7-8^9-9}$	1801088449	G	$-1-2+((3^4+5)-6)^{7-89}$
1670420001	P	$1+2*(34^5)^{(-6+7-8)+9}$	1813705345	G	$(-1+(2^3)^4*5)/6^{7-8-9}$
1679616000	G	$(1+23-4^5)^{-6^{(7-8+9)}}$	1813977990	G	$(1*2/3^4-4)^{5*(6^7*8-9)}$
1681014222	G	$(-1*2^3*4)/5*(6-7^8)^*9$	1813983822	G	$(1*2^3*4)^*(5*6^7*8-9)$
1681295616	G	$(1*23-4^5)^{-6^{(7-8+9)}}$	1813985255	G	$-1+2*-3*(4-5/6^{(7-8-9)})$
1694851491	G	$-1-(2+(3-45)/(6-(7-8)))^{9-9}$	1813986738	G	$(1*2^3*4)^*(5*6^7*8+9)$
1704047893	G	$1+2+((-3-4)^5)^{6-7-8^9}$	1813992570	G	$(1*2^3*4)^*(5*6^7*8+9)$
1707520170	G	$-1-(2-3^4(4+5+6))^*7*(8+9)$	1838265526	G	$-1-2+((-3-4)^5)^{6-(7+89)}$
1712145699	P	$-(1+23+4+5)^*(6-7^8*9)$	1838265600	G	$1+-2-((3+4)^5)^{6+7+8-9}$
1712146095	G	$(1+23+4+5)^*(6+7^8*9)$	1838265741	G	$-1-2+((-3-4)^5)^{6-7*(8-9)}$
1714365073	G	$-1+2*(3^4+5)^{6-7-8^9-9}$	1838266126	G	$-1-2+((3+4)^5)^{6+7*8^9}$
1718247167	G	$-1+(2-3+4^5)/6^{(-7+(8-9))}$	1842749999	G	$-1+234^5*6^7*8^9$
1718807039	G	$-1-(2/3-4^5)^{6^{(7-(8-9))}}$	1860574940	G	$-1+((2/3)^4-5)/(6-7-8)^9-9$
1719926849	G	$-1+2*(3^4(4^5*6^7+8)^9)$	1862733024	G	$(1*(-2-34)^*(5^6-7^8))^*9$

1867797647	G	$-1+(2+34)^*(5+(6+7^8)^*9)$	2146074840	P	$(-1+2^*(3^*4))/(5+6)^*-(-7^8+9)$
1870768386	G	$-1-2+3^*(4^*(5+6)^7*8-9)$	2147352573	G	$-1-2+(3-4^*-5+(6+7))^*8^9$
1872858024	G	$(1^*(2+34)^*(5^6+7^8))^*9$	2147352577	G	$-1+2+(3-4^*-5+(6+7))^*8^9$
1874451455	P	$-1+(2+34-5)^*6^*(-(7-8)+9)$			
1876516943	G	$1-2^*(3^4*5^6-7^*8^9)$			
1879048284	G	$-1-(2+3-(4^*5-6)^*(7+8^9))$			
1879173197	G	$-1+2^*(3-4/-5^*-6-7/-8^*-9)$			
1881579443	G	$1+2^*(3^4*5^6-7^*8^9)$			
1897443269	G	$-1+2^*(3-(-4^*5+6)^7+8)^*9$			
1925443533	G	$1-2+(3+4)^*(5+6)-7^8*9$			
1925443542	G	$-1-(2^*34^*-5+6)/7^*-8+9$			
1927536506	G	$-1+(2^*3^*-4-5)/(6-(7+8))^-9$			
1932319473	G	$-1-(2+(-3^*-4+5)^*(6-(7+8)))^9$			
1934917472	G	$(1^*2-34)^*(5-6^*(-7+8+9))$			
1934917792	G	$(-1^*2+34)^*(5+6^*(-7+8+9))$			
1937101148	G	$-1-((2^*3)^4+5/(6-(7+8)))^-9$			
1937102364	G	$((1-2)^*3^4-5^*(6-(7+8)))^9$			
1937102678	G	$-1+234-5^*(6-7-8)^9$			
1948502747	G	$(1-2+345-6)^*7^8+9$			
1953723229	G	$-1-2+34^5*(6^*7-8+9)$			
1954267547	G	$1-2+(-345+6)/-7^*-8+9$			
1955078124	G	$-1-(23-4^5)^*(6+7-8)^9$			
1960030317	G	$-1+2^*(34^*5^*(-6+7^8)+9)$			
1960034397	P	$-1+2^*(34^*5^*(-6-7^8)+9)$			
1962934262	G	$-1+2^*3^4^*(5+6)^*78-9$			
1972483349	G	$1+2+((-3-4)^5)^6-7+8^9$			
1979280655	G	$-1-(2+(3^*4+5)^6*(7-89))$			
1988855307	P	$-1-2-345^*(-(6+7^8)+9)$			
1988861517	G	$-1-(2-345^*(6+7^8+9))$			
1990234374	G	$-1-(2+3-4^5)^*(6+7-8)^9$			
2001953124	G	$-1-(2-3-4^5)^*(6+7-8)^9$			
2004749999	G	$-1-(-2-3/4)^*(5^*6)^7+8-9$			
2009066889	G	$-1-(2-3^*(4-5^*(6^7-8^9)))$			
2011718749	G	$-1+(2^*3+4^5)^*(6+7-8)^9$			
2013264924	G	$-1-(2-3^*(4-5^*(67-8^9)))$			
2013265736	G	$1-2+3^*(4-5^*(6+7-8^9))$			
2013265946	G	$1-2+3^*(4-5^*(6-(7+8^9)))$			
2013266934	G	$-1-2+3^*(4+5^*(67+8^9))$			
2013629948	G	$-1-((2/3)^4+5)^*(6-(7+8))^9$			
2017464969	G	$-1-2+3^*(4+5^*(6^7+8^9))$			
2019018974	G	$(-1^*2)^*3^4(4^*5)-67/-8^*-9$			
2023441991	G	$(1-2+(345+6)^*(7^8-9))$			
2023445152	G	$1+(2+3+4+5^*6)^*7^8*9$			
2040675120	G	$(-1^*2^*3^4)^*5^*(-6^7+8)^*9$			
2040721776	G	$(-1^*2^*3^4)^*(-5^*6^7+8)^*9$			
2040733368	P	$-((-1^*2^*3^4)^*5^*6^7+8)^*9$			
2040733512	G	$((1^*2^*3^4)^*5^*6^7+8)^*9$			
2040739562	G	$-1+(2^*3^45-6)^*7^8+9$			
2040745104	G	$(1^*2^*3^4)^*(5^*6^7+8)^*9$			
2040791760	G	$(1^*2^*3^4)^*5^*(6^7+8)^*9$			
2050312488	G	$-1-2-3/4^*(5^*-6)^7/8-9$			
2055850153	P	$1-2-34^*- (5+6^*(-(7-8)+9))$			
2055850157	P	$1+2-34^*- (5+6^*(-(7-8)+9))$			
2075325117	G	$-1-2-3^*4^*5^*-6^*(7^8-9)$			
2075328377	G	$-1+2^*(-3^*(-4-56)^*7^8+9)$			
2075328903	P	$1+2-3^*4^*5^*- (6/7^*-8+9)$			
2075330510	G	$-1+(2^3*45^*(6+7^8)-9)$			
2104614249	G	$-1-2+3^*(4^*(5+6)^7-8)^*9$			
2113928999	G	$1-2-(3-4^*(5+6)^7)^*8^*9$			
2113929167	P	$-1-(2/3-4^*(-(5-6)^7)^*8^*9$			
2113929552	G	$(-1^*(2/3+4^*(5+6))^7)^*-8^*9$			
2116316157	P	$-1-2-(-3-4)^*(5/6^*(-(7+8+9)))$			
2116316159	P	$1-2-(-3-4)^*(5/6^*(-(7+8+9)))$			
2116316161	P	$-1+2-(-3-4)^*(5/6^*(-(7+8+9)))$			
2116316163	P	$1+2-(-3-4)^*(5/6^*(-(7+8+9)))$			
2129170737	G	$-1+2^*(34-5)^6+7/8^*-9$			
2133983229	G	$-1-2+(3/4)^5*67^8+9$			
2135464643	G	$-1-2+(34^5-6)^*(7^8-9)$			
2135464925	G	$-1-2-34^5*(6^*7-89)$			
2135465207	G	$-1-(2-(34^5+6)^*(7^8-9))$			

Supplement 2

25484	G	$98*(7+6)*5^4+3+2-1$	87007	G	$-9-(8-(-7-6*(5+43))^2)-1$
32387	G	$-98/7+((6+54)*3)^2+1$	87015	G	$-9+(8+7*((6+5)*4-3))^2-1$
33653	G	$-9-87+6*5^4*3^2-1$	87135	G	$-9+8*(7*(6^5+4)/(3+2)+1)$
34358	G	$(-9-8)*(7*6+5)^*-43+2-1$	87748	G	$-9+(8+7-(6+5)^4)^*-3*2+1$
35482	G	$(9+8*(7+6))*(5^4+3)/2*1$	88439	G	$-9-8*(7+6*(5-43^2)+1)$
39577	P	$-9-(87*65^*- (4+3)-2)-1$	89383	G	$-9-(8-(7-6*(54-3))^2)-1$
39929	G	$-9*8+(7-(65+4)*3)^2+1$	90134	G	$9*(8+7)+(6*5)^4*3^2-1$
40188	G	$-9-8+76*(5^4+3)^2+1$	91939	G	$(98*7-6*(5+4-3))^*-2-1$
42852	G	$9+8*765*(4+3)+2+1$	92319	G	$-98+(76*(5-4+3))^2+1$
44087	G	$-98/7+(6*5*(4+3))^2+1$	92525	G	$-9876+(5*4^3)^2+1$
44552	G	$9*-8*7+(-6-5)^*-4*(3*(2*1))$	93539	P	$-(9+87)+(6*(54-3))^2-1$
44647	G	$-9-8*(7-65*43^2+1)$	93746	P	$-(9+8-7)-6*(-5*(4*3/2)-1)$
45042	G	$9*(8*(7-6+5^4)-3)-2-1$	93803	G	$-9-(-8*7-6*(5*(4*3/2)+1))$
45389	G	$-9*(87+6)+(5^4+3)^2+1$	93821	G	$9-(-8*7-6*(5*(4*3/2)+1))$
47228	G	$-9*87-6*((5^4-4)^3-2)-1$	94192	P	$-(9+8)+(-7+6*5)*4*(3*2)+1$
47908	G	$-98+7+6*(5^4)^3+2+1$	94594	G	$-9+(876*54-3)*2+1$
48614	G	$-9-(8-76*5^4*3)^2-1$	94616	G	$9*8+76*(5^4-3)*2*1$
49235	P	$-(-9876*5+(4*3)^2)-1$	94968	G	$-9-(8-(76*5^4-3))^2-1$
49676	G	$9*-87*(6-5^4*3^2)-1$	94990	G	$-9-8+(76*5^4+3)*2+1$
53398	P	$9*(8*(-7-6)^*- (5+4*(3*2)+1))$	95077	G	$9*8+(76*5^4+3)*2-1$
53520	G	$-9-8+7*(6^5-4*32)+1$	95093	G	$98+(76*5^4-3)*2+1$
53913	G	$-9*8+7*(6^5-4^3)+2-1$	95385	G	$9*-8+76*(5^4+3)*2+1$
54034	G	$9*87*(65+4)+3*2+1$	95438	G	$-9-8+76*(5^4+3)*2-1$
56672	G	$-9+8*(7+6)*(543+2)+1$	95440	G	$-9-8+76*(5^4+3)*2+1$
57153	G	$-9+87*(654+3)+2+1$	95478	G	$98+76*((5^4+3)^2-1)$
59815	G	$-9+8*(7-6*(-5^4+3))^2*1$	96136	G	$9*(8+7)+6*(5^4)^3*2+1$
60150	G	$-9+8*(-7-6/5^4-4-3)^*-2-1$	96322	G	$(-9-8)*(-7*6-5^4*3^2+1)$
60605	G	$(9+8)*(7+6*(5^4-(32*1)))$	96565	G	$(9-8)**(6-(5^4-3))^2+1$
61023	G	$9*(-8+7*6*54)*3+2+1$	96671	G	$-98+7*6*(5+43)^2+1$
63065	P	$-(9+87*(6-(5+4)^3-2))-1$	97157	P	$-(9+8-7^6)-5*(4*(3*2)-1)$
64598	G	$-9-(-8*(76-(-5^4)^3)+2)+1$	97503	G	$(-9+87)*6*5^4/3+2+1$
64721	G	$(-9*(8+7)*6-5)+4*(3^2-1)$	97665	G	$9+8+7^6-5^4*32-1$
64749	G	$9+8*(7+6)*(5^4-3/2-1)$	97682	P	$-98*(-(7/(-6-5*43))^2*1)$
65181	G	$(-9-8*7-6)*5+4*(3^2-1)$	97720	G	$9*8+7^6-5^4*32-1$
65741	G	$(-9+8+7*6)*5+4*(3^2-1)$	98158	G	$(9+8)*(76^(-5+(4+3))-(2*1))$
65794	G	$(98-7)*(-6+(5+4)^3)+2-1$	98168	G	$-9+(8+765^4)*32+1$
66200	P	$-9+(-8-7*65)^*-((4*3)^2-1)$	99128	G	$-98+(7*(6-54+3))^2+1$
66350	G	$-9-(-8*(7+6^5)-4*(3^2))-1$	99375	G	$9*8*-7*6+(5^4*3)^2-1$
67495	P	$-(9/((-8+7)/6*5^4-4)+3)*2+1$	99947	G	$-9-(87-6^5)*4+3^2-1$
68016	P	$(-9*(8+7)*(-7-6+(5*4)^3/2)-1)$	100120	P	$-(9-(-8-(7+6))^5+4)*32+1$
68884	G	$-9*(8-76*5)+4*(3^2-1)$	100467	G	$-9*87+(6*5)^4/(3^2-1)$
71049	G	$-9*(87-6^5)+43^2-1$	100746	G	$(-9+(-87+6)*(-5^4+3))^2*1$
71237	G	$9*(8-76/5^4-4)/(-3^2)-1$	100783	G	$(9+(-87+6)*(-5^4+3))^2+1$
72946	G	$(-9-8)*7*(6-(5^4-3)^2)-1$	100860	G	$9+8+7^6(6-5+4)*3^2+1$
73532	G	$((-9-(-8-7^6)^5)/-4+3)/-2-1$	101067	G	$-9+(-8+7+6^5)*4+3^2+1$
73671	G	$(-9-8)*7*(6-5^4)+3^2+1$	101420	G	$-987+6+(5^4*3)^2+1$
74253	G	$-9+(8+(7+6)^5+4)/(3+2)+1$	102678	G	$(-9+8*7*6)*(5^4+3)/(2*1)$
75595	G	$(9*(8+7^6(6-5+4))-3)/2+1$	103268	G	$-9+876+(5^4*3)^2+1$
75598	G	$(-9*(8-7^6(6-5+4))+3)/2+1$	103607	G	$-9-8*(7-6*5^4+32+1)$
75916	G	$(98+7)*(-6+(5+4)^3)+2-1$	106472	G	$9*8*(76*5*(4-3^2-2)+1)$
76936	G	$-9-8*(7-6^5-43^2)+1$	107097	G	$9*87*6+(5^4*3)^2-1$
78556	G	$-9+(8*7*-6+54^3)/2+1$	108330	G	$(9-8*7*-6)*(5^4+3)/(2*1)$
80422	G	$9*8/7*(6^5+43)-2*1$	109077	G	$-9*8+(7+6)^5-4*(3^2*1)$
80592	G	$(9*(8+7)-6)*5^4-32-1$	109132	G	$-9-8+(7+6)^5-4*(3^2*1)$
81389	G	$-98*(-7*(6*5^4-3/2)-1)$	109183	P	$-(9+8)-7*6*(-(54-3)^2+1)$
81590	G	$-9-8-7*(-6^5+4)*3/2+1$	110814	G	$-9+(8+76*(5+4)^3)*2-1$
82544	G	$-9+(8+76*543)*2+1$	111656	G	$(9+8)*(7+(6-(5+4))^3-2-1))$
82595	P	$-(9+8)+76*(543*2+1)$	111883	G	$(-9-8-7*(6-(5^4)^3))^2+1$
82852	G	$-98+7+(6*(-5-43))^2-1$	111890	G	$-9-(8+7*(6-(5^4)^3))^2-1$
82959	P	$-(-98/7-(6*(5+43))^2)+1$	111898	G	$-9-8-7*(6+(5^4)^3)^2-1$
83064	P	$-(-9-8)*7+(6*(5+43))^2+1$	111951	G	$-9*8+7^6-5^4*3^2-1$
83141	G	$-9*(8-7+6-5^4*3^2)-1$	111953	G	$-9*8+7^6-5^4*3^2+1$
83310	G	$9+(-8+76)/(5*(4+3))^2+1$	112006	G	$-9-8+7^6-5^4*3^2-1$
83638	G	$-9+(-8*7*6*-5+4)*32-1$	112022	P	$(-98+7)*(-6+(5*(4+3))^2)+1$
84017	P	$-(9+8)-7^6(6-5+4)*(-3+2)-1$	112568	P	$-(9-87*(6^5(5-(4-3))-2))-1$
84489	G	$9+(8+7)*6*(5^4*3^2+1)$	112884	G	$-9+(8*7*6)^(-5+4+3)-2-1$
85234	G	$-9+8*7-((-6-5)^4)^3+2+1$	112902	G	$9+(8*7*6)^(-5+4+3)-2-1$
85252	G	$(9*8-7)+((6+5)^4)^3+2+1$	112908	G	$9+(8*7*6)^(-5+4+3)+2+1$
86133	G	$-9+(-8-(7+6))^*(-5-4*(3*2)-1)$	113782	G	$-9+(87*654-3)*2+1$
86952	G	$-9*8+(7+6*(5+43))^2-1$	113801	P	$(9*8+7-6*5^4)*(-32-1)$

115674	G	$-9 + ((8+7) * (6^5 - 4^3) + 2 + 1)$	136399	P	$-(9+8) - 7 * 6 * (- (54+3) ^2 + 1)$
115683	G	$-9 + (87+6) * (5^4 - 3) * 2 * 1$	136408	P	$(-9-8) * - (7+6^5) + 4^ (3*2) + 1$
115759	G	$(-987+6) * (5 - 4^3) * 2 + 1$	136434	G	$-9 - (8-7 * (6 * (54+3) ^2 - 1))$
116182	G	$-9 * 87 + (6 * (54+3)) ^2 + 1$	137310	G	$((-9 * 8 + 7) ^ (-6 + 5 + 4) + 3) / -2 - 1$
116375	P	$(9 - 8 * (7+6)) * - (5 * (4+3)) ^2 * 1$	137540	P	$-(9+8) - 7 * (- (6 * 5 + 4) ^3 / 2 + 1)$
116394	G	$9 - 8 + 7^6 - (5^4 + 3) * 2 * 1$	138632	P	$-(9+8) - 7 * ((6 - 5^4) * 32 + 1)$
116816	G	$9 + (87+6) * (5^4 + 3) * 2 - 1$	138648	P	$-(9-8) - 7 * ((6 - 5^4) * 32 + 1)$
118904	G	$(9-8) * 7^6 + (5^4 + 3) * 2 - 1$	139471	G	$9 * 8 * (-7 + 6^5 / 4) + 3^2 + 1$
118977	G	$9 * 8 + 7^6 + (5^4 + 3) * 2 * 1$	140827	P	$98 * - (7 - (6 * (5 + 4 / 3)) ^2) + 1$
119013	G	$-987 + 6 * 5^4 * 32 * 1$	140954	G	$987 + 6^ (-5 + 4 * 3) / 2 - 1$
119014	G	$-987 + 6 * 5^4 * 32 + 1$	140956	G	$987 + 6^ (-5 + 4 * 3) / 2 + 1$
119216	G	$-9 * 87 + 6 / (5^ (-4 / 32)) - 1$	140979	G	$(-9 * (8 * 7 + 6^5) - (4 - 3)) * -2 + 1$
119217	G	$-9 * 87 + 6 / (5^ (-4 / 32)) * 1$	141245	G	$-98 + 7 * (6 + 5^4) * 32 - 1$
119314	G	$98 * -7 + 6 * 5^4 * 32 * 1$	141336	P	$-(9-8) + 7 * ((6 + 5^4) * 32 - 1)$
119350	G	$9 * (8 - 7 * (-6 - 5^4) * 3 + 2) + 1$	141592	P	$-(9 - (8 + 7 * (6 + 5^4)) * 32) + 1$
119865	G	$(-9 * (8 + 7) + 6 * 5^4 * (32 * 1))$	142279	P	$-(9 + 8) + 7 * (6 + 5) * (43^2 - 1)$
119990	G	$-9 - 8 + 7 + 6 * 5^4 * (32 * 1)$	142331	G	$-9 - 8 + 76 * (5^4 * 3 - 2 * 1)$
119992	G	$-9 + 8 - 7 + 6 * 5^4 * (32 * 1)$	142399	P	$9 * 8 * - ((-7 - 6^5) / 4 - 32) + 1$
120006	G	$((9 + 8) * (7 + 6) * 543 + 2) + 1$	142402	G	$(-98 + 76 * 5^4 * 3) * (2 - 1)$
120078	G	$9 * 8 + 7 + 6 * 5^4 * 32 - 1$	142404	G	$-98 + 76 * 5^4 * 3 + 2 * 1$
120135	G	$9 * (8 + 7) + 6 * 5^4 * (32 * 1)$	142425	G	$9 * (-8 * (7 - 6^5) * 43^2 + 1)$
120336	G	$-9 * 8 + (-7 - 6 * (5 - 4^3)) ^2 - 1$	142431	G	$-9 * 8 + 76 * 5^4 * 3 + 2 + 1$
120668	G	$(98 - 7 + 6) * (5^4 - 3) * (2 * 1)$	142478	G	$-98 + 76 * (5^4 * 3 + 2 - 1)$
120782	G	$9 * 87 + 6 * 5^4 * 32 - 1$	142482	P	$-(-9 + (8 - 76 * 5^4) * 3 + 2) - 1$
120878	G	$-9 + 876 * (5 + 4^3) * 2 - 1$	142483	G	$(-9 - 8 + 76 * 5^4 * 3) * (2 - 1)$
121244	G	$((98 - 7 + 6) * 5^4 - 3) * (2 * 1)$	142656	G	$9 * -8 + 76 * (5^4 * 3 + 2 + 1)$
121256	G	$((98 - 7 + 6) * 5^4 + 3) * 2 * 1$	142874	G	$-9 + ((-8 - (7 + 6)) * 54 / 3) ^2 - 1$
121894	G	$-987 + 6 * 5^4 * (3^2 + 1)$	142988	P	$-(9 - 8) - 7 * (6 - 5^4) * (32 + 1)$
122386	P	$-(9 / 8 * 7 * -6^5 + 43) * 2 * 1$	143300	P	$-(9 + 8) - 7 * (6 - 5^4 * (3^2)) - 1$
123156	G	$(98 + 7 - 6) * (5^4 - 3) * (2 * 1)$	143329	P	$-9 * 8 - 7 * - (6 - 5 * -4^ (3 * 2)) - 1$
123189	G	$98 * (7 + 6 * 5^4 / 3) + 2 + 1$	143378	G	$-9 - (8 - 7 * (6 - 5 / -4^ (3 * 2) - 1))$
123256	G	$-9 - 8 + 7^6 - 5^4 / -3^ -2 - 1$	143394	P	$-(9 - 8) - 7 * (-6 - 5^4 * (3^2 + 1))$
123258	G	$-9 - 8 + 7^6 - 5^4 / -3^ -2 + 1$	144078	G	$(-9 + (-8 + 7 - 6) * -5^4) * (32 + 1)$
123490	G	$-9 + 8 * (7 - 6^5 * (4^ -3 - 2)) - 1$	144372	G	$(9 - 8 + 76) * 5^4 * 3 - 2 - 1$
123885	G	$9 * (8 + 7) + 6 * 5^4 * (32 + 1)$	144392	G	$-98 - 7^6 - 5 + 4^ (3^2 * 1)$
124646	G	$-9 + (8 * (7 + 6^5) + 4^3) * 2 - 1$	144483	G	$-9 - 8 - 7^6 + 5 + 4^ (3^2 * 1)$
124886	G	$-9 - 8 * (7 + 6 - 5^ (4 * 3 / 2)) - 1$	144529	G	$(9 - 8 + 76) * (5^4 * 3 + 2) * 1$
125443	G	$-9 + 8 * (7 + 6^5 * (4^ -3 + 2) + 1)$	145626	G	$(9 - 87) * (6 * (5^4 - 3) / -2 - 1)$
126191	G	$(-9 - 8) * ((7 - 65) / 4^ -3 + 2 + 1)$	145937	G	$(9 - 87) * (6 - (5^4 * 3 + 2)) - 1$
126728	G	$-9 + ((8 + 76) * 5 - 4^3) ^2 + 1$	145939	G	$(9 - 87) * (6 - (5^4 * 3 + 2)) + 1$
126791	P	$-(98 - 7^6) + 5 * (43^2 - 1)$	146133	G	$(-9 + 87) * (6 / 5^ (-4 - 3) / (2 * 1))$
126872	P	$9 + (-876 - 5) / - (4 * 3) ^2 - 2 - 1$	146208	P	$-(9 - 8) - 7 * (6 * - (5 - 4^3) ^2 - 1)$
126888	P	$-(9 - (8 + 7^6)) - 5 * (-43^2 + 1)$	146486	P	$-(9 + 8) + 7 * (654 * 32 + 1)$
127318	G	$-9 - 8 * (7 + 6 - (5^4)^3) * 2 - 1$	146502	P	$-(9 - 8) + 7 * (654 * 32 + 1)$
127352	G	$-98 + (7 * (6 - 54 - 3)) ^2 + 1$	146744	G	$-9 + (8 + 7 * 654) * 32 + 1$
127355	G	$-9 - (8 - 76) * (5^4 * 3 - 2) * 1$	147156	G	$(-9 + 8 * 7) * (6 + 5^ (4 + (3 - 2))) - 1$
127356	G	$-9 - (8 - 76) * (5^4 * 3 - 2) + 1$	147302	G	$-9 + (8 * 7 * 6 + 5) * 432 - 1$
127373	G	$9 - (8 - 76) * (5^4 * 3 - 2) * 1$	147621	G	$(9^ (-8 + 7 + 6) * 5 - (4 - 3)) / 2 - 1$
127508	G	$9 - (8 - 76) * 5^4 * 3 - 2 + 1$	147624	G	$(9^ (-8 + 7 + 6) * 5 + 4 - 3) / 2 + 1$
127577	G	$9 - (8 - 76) * (5^4 * 3 + 2 - 1)$	149813	G	$(98 * 765 - 4^3) * 2 + 1$
127679	G	$-9 - (-8 * (-7 + 6^5) - 4^ (3^2 - 1))$	150124	G	$-9876 + (5^4) ^ (3 + 2 - 1)$
127838	G	$-9 - 8 * (7 + 6 - (5^4)^3) * 2 - 1$	151363	G	$9 * (8 + 7^ (6 - 5 + 4) + 3) + 2 - 1$
128183	G	$(987 * 65 - 4^3) * 2 + 1$	151454	G	$-98 + (7 * 6 - 5) * 4^ (3 * 2 * 1)$
128614	G	$-987 + (6 * 5^4 * 3) ^2 + 1$	151722	G	$9 + (87 - 6) * (5^4 * 3 - 2) * 1$
128816	G	$-9 * 87 + (6 * 5^4 * 3) ^2 - 1$	153280	G	$-98 / 7 * 6^5 + 4^ (3^2 * 1)$
128913	G	$-98 * 7 + (6 * 5^4 * 3) ^2 - 1$	153578	G	$(9 * 8 + 7) * 6^5 / 4 + 3 - 2 + 1$
129587	G	$-98 / 7 + (6 * 5^4 * 3) ^2 + 1$	153640	G	$-9 - 8 * (7 * (6 - 5^4) ^3 + 2) + 1$
130126	G	$(9 + 8) * 7654 + 3^2 - 1$	153768	G	$-9 - 8 * 7 * ((6 - 5^4) ^3 - 2) + 1$
130981	G	$9 * (-87 + (6 + 5) ^4) - 3 * 2 + 1$	154835	G	$-98 * 7 + 6^5 * 4 * (3 + 2) + 1$
131576	G	$-9 + (8 + 76 * 54) * 32 + 1$	155200	G	$-9 - 8 * (65 - 43^2) + 1$
133647	G	$-9 + 8 + 7^6 + (5^4) ^3 * 2 - 1$	155301	P	$(9 * 8 + (-7 - 6^5) * 4) * - (3 + 2) + 1$
134306	G	$-9 - 8 - 7 * (6 - 5^4) * (32 - 1)$	155566	P	$-(9 - 8 * 7) + 6^5 * 4 * (3 + 2) - 1$
134372	G	$((-9 + 8) ^7 + 6) ^5 * 43 - 2 - 1$	155644	G	$-9 - 8 + (7 + 6^5) * 4 * (3 + 2) + 1$
134408	G	$9 - 8 * (7 - ((6 + 5) - 4) ^ (3 + 2)) - 1$	157271	G	$-9 - 8 * (-7 - (6 * 5 + 4) ^3 / 2 - 1)$
134414	G	$-9 + 8 * 7^ (6 - 5 + 4) - 32 - 1$	158624	G	$(9 - 8 * 7) * (-6 - 5 - 4) ^3 - (2 - 1)$
134416	G	$-9 + 8 * 7^ (6 - 5 + 4) - 32 + 1$	158735	G	$98 * (7 + 6) + 54^3 - 2 - 1$
134702	G	$-9 - 8 * (-7^ (6 - (5 - 4)) - 32) - 1$	159104	G	$-98 + (7 * (-6 * (5 + 4) - 3)) ^2 + 1$
135020	G	$-9 - (8 * 7 + (6 * 5) ^4 / 3) / -2 + 1$	159204	G	$(98 - 7 - 6) * (5^4 * 3 - 2) - 1$
135066	G	$9 * 8 - 7 + (6 * 5) ^4 / (3 * 2) + 1$	159205	G	$(98 - 7 - 6) * (5^4 * 3 - 2 * 1)$
135582	G	$-9 + 8 - 7 * (6 - 5^4 * (32 - 1))$	159259	G	$-9 - 8 * ((7^6 - 54^3) / 2 - 1)$

159268	G	$9-8*(7^6-54^3)/2-1$	179065	G	$-9*(8*(7+6)-5^4*32)+1$
159277	G	$9-8*((7^6-54^3)/2-1)$	179191	G	$-9*((8+7)*6-5^4*32)+1$
159372	G	$(98-7-6)*5^4*3-2-1$	179270	G	$-9*(87-6-5^4*32)-1$
159373	G	$(98-7-6)*5^4*3-2*1$	179442	G	$-9*(8*7+6-5^4*32)*1$
159378	G	$(98-7-6)*5^4*3+2+1$	179446	G	$-9+8*(76+5^4)*32-1$
159384	G	$-9-8*(76-5^4*32)+1$	179572	G	$-9+876*5*(43-2)+1$
159460	G	$(98-7-6)*(5^4*3+2-1)$	179637	G	$-98*(7*6-5^4*3)+2+1$
159545	G	$(98-7-6)*(5^4*3+2)*1$	179829	P	$98*-(7*6-(5^4*3+2))-1$
159672	G	$9-8*(7*6-5^4*32)-1$	179935	P	$(-(-98+7)+6)*-(-(5+43^2)-1)$
159889	P	$-(98+7+6)+(5^4)^(3+2-1)$	180450	G	$9*(8*7-6+5^4*32)*1$
159907	P	$-(9+8+76)+(5^4)^(3+2-1)$	180558	G	$9*(8*7+6+5^4*32)*1$
159910	P	$-(9+87-6)+(5^4)^(3+2-1)$	180767	G	$(9+87)*(6+5^4*3+2)-1$
160047	G	$(9-8+7)*(6+5^4*32)-1$	180769	G	$(9+87)*(6+5^4*3+2)+1$
160311	P	$((-9+87*6)*-5^4+3)/-(2*1)$	180824	G	$-9+(87*65-4)*32+1$
160468	G	$(-9+87)*6+(5^4)^(3+2-1)$	180838	G	$9*(87+6+5^4*32)+1$
160931	G	$(-9-8)*7+(6+5)^(4+3-2)-1$	180937	G	$9*(8*(7+6)+5^4*32)+1$
161035	G	$-9-8+(7/(6-5)+4)^(3+2)+1$	181466	G	$-9+(8*(-76+5)/4*3)^2-1$
161531	G	$(-9-87*(6-5^4))*3-2+1$	181681	G	$(98-7+6)*(5^4*3-2)*1$
162046	G	$-9+8*7+(6*5)^4/(3+2)-1$	181972	G	$(98-7+6)*(5^4*3+2-1)$
162134	P	$9*(87-6)-(6*5)^4/(3+2)-1$	182183	P	$98*-(7-6*(5^4-3)/2)+1$
162420	G	$-9-87*(6-5^4*3+2*1)$	183024	G	$9*(8*7*6+5^4*32)*1$
162760	P	$-9-8*-(7+(-6-5)/-43^2-2)+1$	183043	G	$-9*(8-7-(6+5)*43^2)+1$
163165	G	$(9*-8+7*(6^5+4))*3-2-1$	183567	G	$-98-7*(6-(54*3)^2)-1$
163812	G	$-9+87*(6+5^4*3+2)*1$	184625	G	$-9*(8-7*6-5/4*(3^2-2))-1$
163824	G	$-9-8*(7-6-5*4^(3*2))+1$	185006	G	$((9*8+76)*5^4+3)*2*1$
163895	P	$-9-8*-(7-(-6-5*(4^(3*2)-1)))$	185007	G	$((9*8+76)*5^4+3)*2+1$
163916	G	$9+87*6*(5^4+3)/2-1$	185013	G	$9*(8-76+5^4*(32+1))$
164235	P	$-(9-8)+76*(5^4*32+1)$	185427	G	$(98+7-6)*(5^4*3-2)*1$
165552	G	$-98+(7-6*(5+4^3))^2+1$	185573	G	$-9*8+((7+6)^5-4+3)/2-1$
165576	G	$-9*8+(7-6*(5+4^3))^2-1$	185579	G	$-9*8+((7+6)^5+(4+3))/2+1$
165943	G	$-9+8*(7+((6-54)*3)^2+1)$	186254	G	$-9+(-8-7+6^5)*4*3^2-1$
166336	G	$-9+87*(6^5/4-32)+1$	187174	G	$-98*765+4*(3^2*1)$
166733	G	$(9+87*6)*(5^4+3)/2-1$	187869	G	$98*(7*6+5^4*3)+2+1$
166735	G	$(9+87*6)*(5^4+3)/2+1$	187884	G	$9*(876+5^4*32)*1$
167019	G	$((9+8)^(-7+(6+5))-4*3)*2+1$	188871	G	$-9+8*(7*((6+5+4)^3-2)-1)$
167273	G	$-9+(8*7*(6+5/4)+3)^2+1$	188901	G	$-98-7*(-6^5)^(4-3+2)-1$
167350	G	$(9*8-7^(6-5+4))*(-3^2-1)$	188982	G	$-9-(8-7/(6^5)^(4-3+2)+1)$
167608	G	$-9+(8+76*5)*432+1$	189663	G	$(987*6+5)*4^3/2-1$
167900	P	$(-9-(8-7^(-(-6+5)+4)))*-(-3^2-1)$	189994	P	$-9-8*76/5^4-4+3)/2*1$
168570	G	$(9+87-6)*(5^4*3-2)*1$	190488	P	$-9+(8-7*(6^5*(-4-3)/2+1)$
168747	G	$(9+87-6)*5^4*3-2-1$	191208	G	$98*(7+6^5/4)+3^2+1$
168879	G	$9-(87*(6^5/-4+3)-2)+1$	191335	G	$(9+8)*(7+6*5^4*3-(2*1))$
169379	G	$-9-(-87*(6^5/4+3)+2)+1$	191934	G	$-9-8*(7-6/((5*4)^3-2))-1$
170276	G	$-98+7-((-6-5)*4)^3*2-1$	192160	G	$-9/(8-7)*6^5+4*(3^2*1)$
170281	G	$-9*8+7/(6-54*3)^2-1$	192494	P	$-9+8+(7*6+5)*4*(3^2)-1$
170285	G	$-98+(7-((-6-5)*4)^3)*2+1$	192542	P	$-9+8+(7*6+5)*4*(3^2)+1$
170534	G	$-9+(87-((-6-5)*4)^3)*2+1$	192585	P	$-9+8+(7*-6-5)/4*(3^2)+1$
171514	P	$-9-8*(7+6*(5+4^3))^2-1$	193740	G	$-9-((8-7-6)^5*(4^3-2)+1)$
171749	G	$-9*8-7*6*(5-4*(3*2))-1$	193783	G	$-9-(8-765)*4*(3+2-1)$
171904	P	$-9-87*(-6^5/4+32)+1$	194127	G	$-98+(-7+6^5)*(4*3^2+1)$
172169	G	$-9*8-7*6*(5+4*(3*2))-1$	195012	G	$9+8*(7+6)*5^4*3+2+1$
173711	G	$(-9+8*7)*6*(5^4-3^2)-1$	195306	G	$-9+(((8-7-6)^5)^4+3)/2+1$
174180	G	$-9+(87+6)*(5^4*3-2)*1$	196241	G	$-9+(8*(7-6+54)+3)^2+1$
174189	G	$(9+8+76)*(5^4*3-2)*1$	196302	P	$-9-8*(7-6*(5-4*(3*2)))-1$
174198	G	$9+(87+6)*(5^4*3-2)*1$	197092	G	$-9+876*5*(43+2)+1$
174372	G	$(9+8+76)*5^4*3-2-1$	197601	G	$9-8+76*((54-3)^2-1)$
174561	G	$(9+8+76)*(5^4*3+2*1)$	197714	G	$(98+7)*(6+5^4*3+2)-1$
174570	G	$9+(87+6)*(5^4*3+2)*1$	197716	G	$(98+7)*(6+5^4*3+2)+1$
174862	G	$-9+(-8-7)*(-6^5+4)*3/2+1$	197989	G	$-987*65+4*(3^2*1)$
175269	P	$(9*(-8-7)+6)-5^4*3-2-1$	198964	G	$(9/8+7)*-6^5+4^3*(2*1)$
175294	G	$-9+(87654-3)*2+1$	199940	G	$(-9-8+7)*(6-5^4*32*1)$
176240	G	$((-9+8*7)*6/5^4-4-3^2-1)$	200908	G	$-9/8*7*6^5+4*(3^2*1)$
176258	G	$(9-8*7)*6*5^4+3^2-1$	200935	P	$(9-8-7)*-((-65+4)*3)^2+1$
176319	P	$(-98+7^6+5)/4*-3*2*1$	201926	G	$-9-8*7*(6+(5*4*3)^2)-1$
177105	P	$-9-(8+7-6)^5+4)*3-2-1$	202578	G	$-9+87+(6^5)^4/(3+2-1)$
178088	G	$9+(-8-7)*(-6^5-4*(3^2))-1$	203052	G	$-9*8+(-7-6)/-5^4*(4*3/-2)-1$
178670	G	$-9-(8+(7-6^5)*(4*3^2-1))$	203109	G	$-9-(8+(-7-6)*5^4*(4*3/2))+1$
178743	P	$-(98+7)+6^5*(4*3^2-1)$	204871	G	$(9*-8+7*((6+5)^4+3))^2-1$
179019	P	$-9^4*(-(8-7)+6)-5^4*3-2-1$	206243	G	$-9*87+(65*(4+3))^2+1$
179021	P	$-9^4*(-(8-7)+6)-5^4*3-2+1$	206340	G	$-98*7+(65*(4+3))^2+1$

206520	G	$-9*8*7+(65*(4+3))^2-1$	234130	P	$-(9+(8*(7-(6+5)^4)+3)*2)+1$
206933	G	$-98+7+(65*(-4-3))^2-1$	234784	G	$-9*8*7*6*5+4*(3^2*1)$
206959	G	$-9*8*7+(65*(4+3))^2-1$	234886	G	$9+8+(7^6-5*43)*2+1$
207023	G	$-9-8*7*(-6*(5^4-3^2)-1)$	235073	G	$98+(7^6-54*3)*2+1$
207064	G	$-9*8*7*65+4*(3^2*1)$	235472	G	$9*8+(7^6+54-3)*2*1$
207102	G	$-9+87+(65*(-4-3))^2-1$	236248	G	$-9+8+7*6*5^4*3^2-1$
207145	P	$-(-9-8)*7+(65*(4+3))^2+1$	236266	G	$9+8+7*6*5^4*3^2-1$
207500	G	$(9*8*7-6)*5^4/(3/2*1)$	236297	G	$9*(8-(7*6*5^4+3))^2*1$
207528	G	$9*8*7+(65*(4+3))^2-1$	236328	G	$9*(8-7*6*5^4)+3+2+1$
207549	P	$-(98+(7-6*(5+4))^3*2)+1$	236397	P	$-(9*8-7^6-5^4+3)*2-1$
207614	G	$-98-7*6^5+4*(3^2*1)$	236400	G	$9+8+(7^6+543)*2-1$
207996	P	$-(9+8)+(-7-6)*((5*-4)^3*2-1)$	236401	G	$9+8+(7^6+543)*2*1$
208124	G	$(98+7+6)*5^4*3-2+1$	236482	G	$98+(7^6+543)*2*1$
208126	G	$(98+7+6)*5^4*3+2-1$	236512	G	$-9+87*6*5^4*(3+2)+1$
208347	G	$(98+7+6)*(5^4*3+2*1)$	236571	G	$9+8+(7^6+5^4+3)*2*1$
208841	G	$-9+(8*(7-65)+4+3)^2+1$	236599	G	$-9-8*(7*(65/(-4+3)))^2-1$
208968	G	$-9-8*(7*6*(-5^4+3)+2)+1$	236614	G	$9*8+(7^6+5^4-3)*2*1$
208983	G	$(-9-8*7*6*(-5^4+3))*2-1$	236626	G	$9*8+(7^6+5^4+3)*2*1$
209334	G	$-9-8*(76-(54*3)^2)-1$	236685	G	$(9*8+7^6+5^4-3)*2-1$
209885	G	$-9*8+((7+6+5)^4+3)*2-1$	237551	P	$-(9+8)+(-7+65)*(4^4*(3*2)*1)$
210984	P	$-9-8*(7*6*(-5^4+3)+2)+1$	237609	P	$-(9+8)+(-7+65)*(4^4*(3*2)+1)$
211249	G	$-9*87*65+4*(3^2*1)$	237625	P	$-(9-8)+(-7+65)*(4^4*(3*2)+1)$
212764	G	$-987*6*5+4*(3^2*1)$	237956	P	$(-(-9-87+6^5)+4)*-(32-1)$
213520	G	$(98*7-6)*(5^4+3)/(2*1)$	238495	G	$(98*7+6+5)^4*3/2-1$
214848	P	$9*(8-7*6*(5^4+3)/(-2*1))$	238614	G	$(-9+8-7^6)/5+4*(3^2*1)$
215056	G	$9+8+7*6*5^4*(3+2)-1$	238654	G	$-9*87*6*5+4*(3^2*1)$
215065	P	$-(9+8)-7*6*(5^4*(3+2)+1)$	239900	G	$-9+(-8-7)*(6-(5*4)^3*2)-1$
215081	P	$-(9-8)-7*6*(5^4*(3+2)+1)$	240012	G	$(-9+8+7+6)*(5^4*32+1)$
215635	G	$(9+8*7*6)*5^4+3^2+1$	240080	P	$-(9+(-8-7)*(6+(5*4)^3*2))-1$
216742	G	$-987-6^5*(4-32)+1$	240822	P	$-(9+8)-(7-6^5)*(4^3/2-1)$
216944	G	$-9*87-6^5*(4-32)-1$	241132	P	$-(9+8)+(7+6^5-4)*(32-1)$
217085	G	$-9*8+(7-(6+5)*43)^2+1$	241148	P	$-(9-8)+(7+6^5-4)*(32-1)$
217491	G	$-9+87*6*5^4/(3/2*1)$	241174	G	$((9-8)-7+(6^5+4))*(32-1)$
217554	G	$-98*7*65+4*(3^2*1)$	241564	G	$-98*7*6*5+4*(3^2*1)$
217587	G	$-98+7*(6^5*4-3*2)-1$	242143	G	$(9-8+7)^6-5^4*32-1$
221152	P	$-(9+8)-(7+(6-54)^3)*2-1$	242814	G	$((9*-87+6)/-5^4-4+3)/(2*1)$
222445	P	$(9+8)*-(7*(6-5^4*3)-2*1)$	243514	G	$9*87*(-6+5^4+3)/2+1$
222724	G	$-9*87*6*5+4*(3^2*1)$	243978	G	$(9*87-6)*(5^4+3)/(2*1)$
222967	G	$-9+(-87+6+5)*-4*(3+2)-1$	244028	G	$-9+(8+7*(65+4)+3)^2+1$
223336	G	$-9+(87*6-5)*432+1$	245859	G	$9*-87*(6-5/4-3)-2-1$
223595	G	$-9*(8+7)+((6+5)*43)^2+1$	246372	G	$98*(7+6*5^4/3)*2*1$
223704	G	$-9*(8-7*6*(5^4-(32+1)))$	247024	G	$-9*8*7*6*5+4*(3^2*1)$
223716	G	$-98/7+((6+5)*43)^2+1$	247160	P	$-(9+(8*7-(6^5+4))^3*2)+1$
223890	G	$(9+8)*(7*(6+5^4*3)+2+1)$	247746	G	$(9*87+6)*(5^4+3)/(2*1)$
224197	G	$(9+8)*7*6*(5^4+3)/2+1$	248019	G	$-98*7+(6^5-4)*32+1$
224213	G	$(9+8)*(7*6*(5^4+3)/2+1)$	248214	P	$-(9(-8-(7-6^5)-4)*32)-1$
224232	G	$9*8*7+((-6-5)*43)^2-1$	248478	G	$-9+8+(-7+6^5-4)*32-1$
224326	G	$-9-8*-7*(6+(5*4)^3/2)-1$	248982	G	$-9+(8-7+6^5+4)*32-1$
224904	G	$-98*7*6*5+4*(3^2*1)$	249166	P	$(9*8+7)*-((-6-5^4)*(3+2)+1)$
225118	G	$-9+87*((6^5-4)/3-2-1)$	249430	G	$-9+(8+7+(6^5+4))^3*2-1$
226776	P	$-(9+8)+7*((6+54)^3)^2-1$	250576	P	$(-9+8)^-(-7-(6+5))-4)*-3+2-1$
226792	P	$-(9-8)+7*((6+54)^3)^2-1$	251858	P	$-(9+8)+(7+6)/(5^4-4/(32-1))$
227519	G	$-9+((87+6)*5+4*3)^2-1$	252999	G	$-9+(8-7*(6^5+43))^2-1$
228106	G	$-9+87*6*(5+432)+1$	253162	P	$(9*(-(8-7)+6)^5+4)*3^2+1$
228134	P	$-(9+8)+7*(6*5432+1)$	253381	G	$-987-6^5+4*(3^2*1)$
229312	G	$-9-8*-7*(-6+5+4*(3^2))^+1$	253585	G	$-9*87-6^5+4*(3^2*1)$
229709	G	$9^(-8+7+6)*5-4*(3^2-1)$	253864	G	$-9*8*7-6^5+4*(3^2*1)$
229984	G	$-9-8*-7*(6+5+4*(3^2))^+1$	254263	G	$-98-7-6^5+4*(3^2*1)$
230624	G	$(-9+8+7*6)*5^4*3^2-1$	254272	G	$-9-87-6^5+4*(3^2*1)$
230626	G	$(-9+8+7*6)*5^4*3^2+1$	254289	G	$-9*8-7-6^5+4*(3^2*1)$
231318	P	$(-9-8)*-(7*6^5/4-(3-2))-1$	254303	G	$-9-8*7-6^5+4*(3^2*1)$
231332	G	$(9+8)*7*6^5/4-(3+2)-1$	254354	G	$-98/7-6^5+4*(3^2*1)$
231847	G	$-9+87*65*(43-2)+1$	254360	G	$-9+8-7-6^5+4*(3^2*1)$
232534	G	$-98*7*6*5+4*(3^2*1)$	254415	G	$-9+8*7-6^5+4*(3^2*1)$
233144	P	$-(9-((8+7)*(6^5-4)-3)*2)-1$	254434	G	$(987*6-5)*43+2+1$
233394	G	$(-9+8+7)*((6^5+4)*(3+2))-1$	254467	G	$-9+87*65*(43+2)+1$
233769	G	$-9*8+(7^6-(5+4)^3)*2+1$	254826	G	$9*8*((7/(6/(54-3)))^2-1)$
233897	G	$(9*8-7^6+5^4+3)*-2-1$	255019	G	$(9-(8-76)*5^4*3)*2+1$
234059	G	$9+8+(7^6-5^4-3)*2*1$	256015	G	$-9-8*7*65+4*(3^2*1)$
234115	G	$9*8+(7^6-5^4-3)*2+1$	256480	G	$-9-87*65+4*(3^2*1)$

256529	P	$-(9*8+7)+6^5*(4^3/2+1)$	264140	P	$(-9+8*7)*-(6-5^4*3^2-1)$
256600	G	$9*8*-7*(6+5)+4^4(3^2*1)$	264479	G	$((9+8)*(7+(6^5-4))-3)^2-1$
256822	P	$-(9+8)+(7+6^5)*(4^3/2+1)$	264610	G	$(-9+8*7)*(6+5^4*3^2-1)$
257895	G	$9*(8+7/6)*(5^4(4+3-2)+1)$	265023	G	$(9+87)*6^5+4^4*3^2-1$
257919	P	$(-9-8*7)*65+4^4-(-3^2*1)$	265025	G	$(9+87)*6^5+4^4*3^2+1$
258495	G	$-9-8*7*65+4^4(3^2*1)$	265458	G	$-9*87-65/-4^4(3^*-2)+1$
258744	P	$(98*-7+6)*5+4^4-(-3^2*1)$	265555	G	$-98*7-65/-4^4(3^*-2)+1$
259059	P	$(-9-8*7*6)*5+4^4-(-3^2*1)$	265643	P	$(-9-8)*-(7-6+5^4(4*3/2))+1$
259095	G	$-9-8*7*6*5+4^4(3^2*1)$	265688	G	$-9+8*7*6*(5+432)+1$
259489	G	$(-9-87*6)*5+4^4(3^2*1)$	265845	P	$(-9-8)*-(7+6+5^4(4*3/2))-1$
259525	G	$-9-87*6*5+4^4(3^2*1)$	266181	P	$-9*8-(-7-6)*-(-5/4^4(3^*-2))-1$
259654	G	$(9*8*-7+6)*5+4^4(3^2*1)$	266200	P	$-(98+7)-65*(-4^4(3^2)-1)$
259970	G	$-9-8+(7+6)*(5^4*32-1)$	266209	P	$-(9+87)-65*(-4^4(3^2)-1)$
260014	G	$9-8+(7+6)*(5^4*32+1)$	266222	G	$-9-8+(-7-6)*5*-4^4(3^2)-1$
260016	G	$9+8+(7+6)*5^4*32-1$	266374	G	$9*(8+7)-65/-4^4(3^*-2)-1$
260455	G	$-9-8*7*6*5+4^4(3^2*1)$	268854	G	$-9-8*(-7^4(6-5+4)+3)^2-1$
260488	G	$-9+(8*7*6-5)*432+1$	269234	G	$-98*7+6^5+4^4(3^2*1)$
260857	G	$(-9-8)*7*6+5+4^4(3^2*1)$	269472	G	$-9*(8*(7-6*5^4)+3)+2+1$
260888	G	$(9-8+7)^4*6-(5^4+3)^2*1$	269709	P	$-(9*8*-(-7-6*5^4)+3)+2)-1$
260889	G	$(9*8*-7+6)^4*6-(5^4+3)^2+1$	269815	G	$-98-7+6^5+4^4(3^2*1)$
261024	G	$-98+(7*(6*5+43))^2+1$	269824	G	$-9-87+6^5+4^4(3^2*1)$
261103	P	$-(9+8)+(7*(6*5+43))^2-1$	269896	G	$-98-7+(6*5)^4/3+2-1$
261127	G	$-987-6*5+4^4(3^2*1)$	269898	G	$-98-7+(6*5)^4/3+2+1$
261146	G	$-987-6-5+4^4(3^2*1)$	269905	G	$-9-87+(6*5)^4/3+2-1$
261160	G	$-9-(8+7)*65+4^4(3^2*1)$	269912	G	$-9+8-7+6^5+4^4(3^2*1)$
261213	P	$9*8*(-7+6)+5+4^4-(-3^2*1)$	269913	G	$(-9+8)*(7-6^5)+4^4(3^2*1)$
261234	G	$-98/7*65+4^4(3^2*1)$	270083	G	$98*(76+5)+4^4*3^2+1$
261254	G	$-9-87*6-5+4^4(3^2*1)$	270287	P	$-(9*8*(-7-6*5^4+3)+2)+1$
261331	G	$-9*87-6*5+4^4(3^2*1)$	270675	G	$-9*(8*7*(6-543))-2-1$
261350	G	$-9*87-6-5+4^4(3^2*1)$	270717	P	$-(9*8*(-7-6/-5^4-4+3)+2)-1$
261362	G	$-9-8-7*65+4^4(3^2*1)$	271343	G	$-9-87*(6-5^4(4+3-2))-1$
261428	G	$-98*7-6*5+4^4(3^2*1)$	271552	G	$-9-87*6*5*(4^3-2)+1$
261444	G	$(-98-7*6)*5+4^4(3^2*1)$	271953	G	$-9+87*((6-(5-4))^(3+2)+1)$
261447	G	$-98*7-6-5+4^4(3^2*1)$	271970	G	$-9-((8-7*(6^5-4))^*(3+2)+1)$
261494	G	$(-9-(8-7))*65+4^4(3^2*1)$	272290	P	$-(9+8)+7*((6^5+4)*(3+2)+1)$
261549	G	$9*((87+6)*5^4-3)/2^1$	273501	G	$-98+76/(5^4*3)^2-1$
261561	P	$(9*(-87-6)*5^4+3)/-(2*1)$	273525	G	$9-(8-7*6*((5^4*3)^2-1))$
261564	G	$(9*(87+6)*5^4+3)/(2*1)$	273659	G	$-9-(8-7*6*((5^4*3)^2+1))$
261573	G	$(-9-87)*6+5+4^4(3^2*1)$	273747	G	$(-9-87*6*-5^4+3)/2^1$
261579	G	$(-9-8*(7+6))*5+4^4(3^2*1)$	273792	G	$-9+8/(7*(6*5-4)+3)^2-1$
261591	G	$-98-7*65+4^4(3^2*1)$	274422	G	$-9+(8*7-(-6-5))/4^4(3^*-2)-1$
261608	G	$-9-87*6-5+4^4(3^2*1)$	274923	G	$(9+8)*(7+6)*(5^4-3)^2-1$
261629	G	$-9*8*7-6-5+4^4(3^2*1)$	275392	G	$-9+8*7*6*5*(43+2)+1$
261666	G	$-98-7*6*5+4^4(3^2*1)$	275931	P	$9*(-(87*6*5*(4+3)+2)+1)$
261672	G	$-9-8-7*65+4^4(3^2*1)$	276244	G	$((9+8)*(7+6)*5^4-3)^2*1$
261692	G	$-9*8-7*6*5+4^4(3^2*1)$	277087	G	$-9+87*6*5*(4+3)^2+1$
261694	P	$(-9-(87-6))*5+4^4-(-3^2*1)$	277277	P	$(-9+8-7*6)*(-5^4*3)^2-1$
261724	G	$-98/7*6*5+4^4(3^2*1)$	277297	P	$-(9+8*7)-6*(-5^4*3)^2+1$
261730	G	$-9-(87-6)*5+4^4(3^2*1)$	277366	P	$-(9+8+7)-6*(-5^4*3)^2-1$
261747	G	$-9-8-7*6*5+4^4(3^2*1)$	277375	P	$9+8+7-6*(-5^4*3)^2+1$
261759	G	$(-9+8-7*6)*5+4^4(3^2*1)$	277434	P	$-(9-87)-6*(-5^4*3)^2-1$
261794	G	$-9-8*7*6-5+4^4(3^2*1)$	277452	G	$9*8*((-7+6^5-4^3)/2+1)$
261795	G	$-9-((-8+7*6)*5-4^4(3^2*1))$	277575	G	$(9+8)*(7+6)*(5^4+3)^2-1$
261885	G	$-9-(8+7*6)*5+4^4(3^2*1)$	277648	G	$-9+8+7^4+6*(5^4)^4(3+2-1)$
261967	G	$(-9-87*6)/5+4^4(3^2*1)$	278526	P	$-(9+8)*(7-(6+5))^4(4+3)+2)^*1$
261974	G	$-98-7-65+4^4(3^2*1)$	279566	G	$-9*(8+(7-6^5)*4+3+2)-1$
262014	G	$-9-8*7-65+4^4(3^2*1)$	280344	G	$-9+(87*65-4)*32+1$
262028	G	$-98-7-6-5+4^4(3^2*1)$	282064	G	$-9+87*6*(5^4-3+2)+1$
262037	G	$-9-87-6-5+4^4(3^2*1)$	282394	G	$-9+87*6*(543-2)+1$
262463	G	$(9-8*7)^4*6+5*4^3*2+1$	283006	P	$-(9+8-(7*6*(5-4*3))^2)-1$
262507	G	$-9-8+7*6*5+4^4(3^2*1)$	283738	G	$(-98+7)*(6-5^4(4+3-2)+1)$
262523	G	$-9+8+7*6*5+4^4(3^2*1)$	284482	G	$-9+87*6*(543+2)+1$
262540	G	$-9-((-87+6)*5-4^4(3^2*1))$	284901	G	$-98+7*6*5^4*3^2-1$
262598	G	$-9+8+7*6*5+4^4(3^2*1)$	284927	P	$(-9-8+7)*-(-6^5-4^4(3^2*1))-1$
262617	G	$9-8*(7-65)+4^4(3^2*1)$	284928	G	$-9*8+7*6*(5^4*3^2*1)$
262819	G	$9*8*7-6-5+4^4(3^2*1)$	284966	G	$(9+8-7*6*5^4*3)^2*1$
262916	G	$9*8*7-6-5+4^4(3^2*1)$	284983	G	$-9-8+7*6*(5^4*3^2*1)$
263006	G	$-9+87*6-5+4^4(3^2*1)$	284998	G	$(9-8-7*6*5^4*3)^2*1$
263388	G	$(9-8+7)^4*6+(5^4-3)^2*1$	284999	G	$-9+8+7*6*(5^4*3^2*1)$
264046	P	$(-9+8*7)*-(6-5^4*3^2+1)$	285004	G	$-9*8+7*6*(5^4*3^2+1)$

285016	G	$9+8+76*5^4*3^2-1$	318496	G	$-9-8*(7^6-54^3+2)+1$
286376	G	$-9-8*7*(6-5/4^(-3-2))+1$	319899	G	$9*8/-7*(6^5*-4+3)+2+1$
286725	G	$-987+6^5*(4/3^(-2)+1)$	320052	G	$(98*76-5)*43+2+1$
287048	G	$-9-8*7*(-6-5*4^4(3+2))+1$	320769	G	$9*-87*(6+5^4/-3^2+1)$
287633	P	$-(9*8+7)+6^5*(4*3^2+1)$	323753	G	$-9+(8*(7+65)-4-3)^2+1$
288489	G	$(-9-8)*-7+(6-543)^2+1$	324399	G	$-9+8*(7+6^5)+4^4(3^2*1)$
290728	P	$-(9+8)+(-76+5)*(-4^4(3^2)+1)$	324452	G	$(9*8+7)*(6+5+4^4(3^2))-1$
290744	G	$9*-8+(76-5)*4^4(3^2*1)$	324575	G	$98*(-7+6^5)*(4*3)^2-1$
290798	P	$-(9+8)+(-76+5)*-4^4(3^2)-1$	324696	G	$9-87*6*(-5^4+3)+2+1$
291926	G	$(-987+6^5)*43-2+1$	324741	G	$(9^4(-8+7+6)-5)*(4+3/2)-1$
292121	P	$(9^4(-8-7)+6)-5^4*(3+2)+1$	324743	G	$(9^4(-8+7+6)-5)*(4+3/2)+1$
292510	G	$(-9+87)*6/5^4-4+3^2+1$	325187	G	$(-9-87*(6-5^4*3))^2-1$
294082	G	$((-9-8+7^6)*5+4)*(3/2-1)$	325189	G	$(-9-87*(6-5^4*3))^2+1$
294544	G	$9*(8-7*6)+543^2+1$	325197	G	$-9-(87*(6-5^4*3)^2*1)$
294607	P	$-9^4-((-8-7)/6)+543^2+1$	325605	G	$-987+6^5*(43-2+1)$
294704	G	$(-9-(8+7))*6+543^2-1$	326001	G	$9+87*(6/5^4-4-3)+2+1$
294800	G	$(-9+8-7)*6+543^2-1$	326509	P	$-(98-7*(6^4(5+4-3)+2))+1$
295132	G	$(-9+8*7)*6+543^2+1$	326951	G	$(-9*(87-6)+5*4^4(3^2-1))$
295160	G	$9^4(-8+7+6)*5-43^2+1$	327275	G	$(9-87*(6+5^4*3))^2-1$
295388	P	$9^4(-8-7-6)*5+(4*3)^2-1$	327277	G	$(9-87*(6+5^4*3))^2+1$
295394	G	$(98-7)*6+543^2-1$	327374	G	$(9*(8-7*6)+5*4^4(3^2-1))$
295501	G	$9^4(-8+7+6)*5+4^4(3+2-1)$	327567	G	$(-9-8)*7+6-5*-4^4(3^2-1)$
295784	P	$9*8*(-7-6)+543^2-1$	327632	G	$-9-87*(-6*(5^4+3)+2)-1$
296140	G	$(9+8)*76+543^2-1$	327869	G	$(9*(8+7+6)+5*4^4(3^2-1))$
296217	G	$-9*(-8*(7+6+5+4^4(3^2)))-1$	327901	G	$((9+8)*(7+6)+5*4^4(3^2-1))$
298150	G	$9-(8-7*((6+5)*4)^3)/2+1$	328043	P	$-(9-8^7)+6^4(-543^2-1)$
299013	G	$9*-8*(7-65/4^(-3))-2-1$	328130	G	$(9*(8+7*6)+5*4^4(3^2-1))$
299015	G	$9*-8*(7-65/4^(-3))-2+1$	328238	G	$(9*(8*7+6)+5*4^4(3^2-1))$
299366	P	$-(9+8)+7*(6^5*(4+3/2)+1)$	328292	G	$(-9*(8-76)+5*4^4(3^2-1))$
299382	P	$-(9-8)+7*(6^5*(4+3/2)+1)$	328394	G	$((9+8)*7*6+5*4^4(3^2-1))$
299919	G	$9-(8+7)*6(5^4*32)*1$	328750	G	$(9*87+6)/5^4-4/(3/2*1)$
299935	P	$-(9-8)+7*((65+4)*3)^2-1$	328920	G	$-9+8*76*(543-2)+1$
300700	G	$(9*87-6^5)*-43+2-1$	328954	G	$(98*(7+6)+5*4^4(3^2-1))$
302599	G	$9*8-(7*-6)^5/432+1$	329026	G	$-9+87*(6/5^4-4+32)+1$
303222	G	$(98-7+6)*(5^4(4+3-2)+1)$	329245	G	$-9+(87^4(-6+(5+4))^3)/2+1$
303237	G	$-9*(8*7-6*5^4*3^2+1)$	329253	G	$((-9-8)*7+6^5)*43+2*1$
303245	G	$-9*(8*7-6/5^4-4*3^2)-1$	329372	G	$-9+87*6*(5^4+3^2)-1$
303907	G	$-9-(8-76*((5^4)^3/2-1))$	330047	P	$(-9-8)+765*432-1$
304253	G	$9*(8*7-6/5^4-4*-3^2)-1$	330617	G	$-9+(-87+6^5)*43-2+1$
304520	G	$-9+8*7*(6+5432)+1$	330948	G	$9*87*(6-5^4/-3^2*1)$
304871	G	$(98*7-6^5)*-43+2-1$	330974	P	$-(9*8+7-6^5)*43+2+1$
305696	G	$-9*8+7/(6-5^4*3)^2-2+1$	331352	G	$-9+8*76*(543+2)+1$
307280	G	$-9+(-8-7)*(-6-5*4^4(3^2))-1$	331696	P	$-(9+8)+(-76-5)*(-4^4(3^2)+1)$
307828	G	$-9*(8*7)*6^5+4^4(3^2*1)$	331883	G	$(-9-87*6)*-5^4+3^2-1$
308015	P	$-9+((8*7+6)*-(5+4)+3)^2-1$	331954	G	$-9-(8*7-6^5)*43+2+1$
308698	G	$-9+8+7*(6*5*(4+3))^2-1$	333968	G	$-98+(-7+6^5)*43-2+1$
309538	G	$-9+87*6*(5^4-32)+1$	333994	G	$-9*8-(7-6^5)*43-2+1$
310843	G	$-9*8-76*(5-4^4(3^2))-1$	334246	G	$(-9-8)*7+(6^5*43-2-1)$
310914	P	$-(9-8)-76*(5-4^4(3^2))-1$	334655	G	$-9-8-(-7-6^5)*43+2+1$
311260	G	$(9*8*-7+6)*-5^4+3^2+1$	335873	G	$(-9-8+(-7-6)^5)*-4^4(3^2)+1$
311356	G	$-9+(8*(-7-65/4)^3)^2+1$	335887	P	$-(98-7*(6*(5^4)^3-2))-1$
311603	P	$-9*8-76*(-5+4^4(3^2))-1$	335906	P	$-(9+8)-7*(6*((-5^4)^3+2)-1)$
311658	P	$-(9+8)-76*(-5+4^4(3^2))-1$	335922	P	$-(9-8)-7*(6*((-5^4)^3+2)-1)$
311802	G	$(987+6)*(5^4+3)/(2*1)$	336068	G	$-9-8-7*-6*((5^4)^3+2)+1$
312570	P	$-(9-8*(7+(6+5^4(4+3))/2))-1$	338190	G	$-9+87*(6^5-4/3)/2+1$
313686	G	$-9+(8-7^6+5)*4/-3^2-1$	338214	P	$-(9-(87*6^5-4^3)/2)-1$
313791	G	$9-8*(7^6+5^4)/-3-2*1$	338306	G	$-9+87*(6^5+4/3)/2+1$
314320	G	$-9+(-8+7*6)*5*43^2-1$	338708	P	$(9+8)*-(76-5^4*(32*1))$
314461	G	$(9-87)*6+54^3*2+1$	338800	G	$(9*876-5)*43+2+1$
314617	G	$9-8*7*(6-5^4*3^2+1)$	338936	P	$-(9+(8*7*-6+5)/4^4(-3-2))+1$
314744	G	$-9-(87-(6*(5+4))^3)^2-1$	339779	P	$(9+8)*-(7+6-(5^4*32*1))$
315064	G	$-9-8+(76+54^3)^2+1$	339881	G	$-9+(8*(7+65)+(4+3))^2+1$
315271	G	$-9+8*7*(6+5^4*3^2-1)$	340221	G	$(9+8)*(7+6+5^4*32*1)$
315368	P	$-(9+8)-7*((-6-5)*4^4(3^2)+1)$	340227	P	$-((9-(8+7))^6)+((5^4-3)^2-1)$
315383	G	$-9+8*7*(6+5^4*3^2+1)$	340228	P	$-((9-(8+7))^6)+((5^4-3)^2*1)$
315386	P	$-(9+8)-7*((-6-5)*4^4(3^2)+1)$	340791	G	$-9+8*(7+((6+5)*4)^3/2+1)$
316159	G	$-9+8*((7^6-5^4(4+3))-2-1)$	341275	G	$(9+8)*(76+5^4*32-1)$
316478	G	$-9+8+7*6^5+4^4(3^2*1)$	341816	G	$-9+8+7/(6+5^4*3)^2-2+1$
316959	G	$-9+(8*(7+6)*5+43)^2-1$	341863	P	$-(9+8)+7*((6+5^4*3)^2-1)$
318257	G	$9*(8*(7*(6+5^4)+3)+2)-1$	342444	G	$-9+8*(7+6^5)*(4+3/2)+1$

342946	G	$-9 \cdot 87 \cdot 6^* \cdot (-5^4 - 32) + 1$	381914	G	$-9 + ((8 - 7 \cdot 6^* \cdot 5 - 4) \cdot 3)^{\wedge} 2 - 1$
344559	P	$-9 + (-8 - 76) \cdot (-5 + 4^{\wedge} (3^* 2) + 1)$	382262	P	$(9 + 8) \cdot (7 - 6^* \cdot 5^{\wedge} 4 \cdot 3) \cdot (-2^* 1)$
344946	G	$-9 + 87 \cdot 65^* \cdot (4^{\wedge} 3 - 2 - 1)$	382738	G	$(9 + 8) \cdot (7 + 6^* \cdot 5^{\wedge} 4 \cdot 3) \cdot (2^* 1)$
346911	G	$-9 + ((87 + 6) \cdot (5 + 4/3))^{\wedge} 2 - 1$	383638	G	$-9 + 8 \cdot 76^* \cdot (5^{\wedge} 4 + 3 \cdot 2) - 1$
347079	G	$9 \cdot (8^* - 7 - 6) \cdot (-5^{\wedge} 4 + 3) + 2 + 1$	383920	G	$-9 - 8 \cdot (7 - 6^* \cdot (5^* 4)^{\wedge} 3 + 2) + 1$
349854	G	$-9 \cdot 8 + 7 + 6^{\wedge} 5 \cdot (43 + 2) - 1$	384507	G	$-9876 + (5^{\wedge} 4 + 3)^{\wedge} 2 - 1$
350070	G	$(-9 + (8 + 7) \cdot (6^{\wedge} 5 + 4)) \cdot 3 - (2 + 1)$	385551	P	$9 \cdot (-8 \cdot 765^* - (4 + 3) + 2) + 1$
350136	P	$-(98 - (7 + 6^{\wedge} 5) \cdot (43 + 2)) - 1$	386094	P	$-(9 \cdot 87 + 6) + (-5^{\wedge} 4 + 3)^{\wedge} 2 - 1$
350219	G	$-9 - (8 + (-7 - 6^{\wedge} 5) \cdot (43 + 2)) + 1$	386191	P	$-(98 \cdot 7 + 6) + (-5^{\wedge} 4 + 3)^{\wedge} 2 - 1$
350585	G	$-9 + (-8 - 7 - 6^{\wedge} 5) \cdot (-43 - 2) - 1$	386268	P	$-(9 + 8 \cdot 76) + (-5^{\wedge} 4 + 3)^{\wedge} 2 + 1$
351001	G	$(9 + 8 + (7 + 6^{\wedge} 5)) \cdot (43 + 2) + 1$	386499	G	$-9 \cdot 876 + (5^{\wedge} 4 + 3)^{\wedge} 2 - 1$
352769	G	$9 + (-8 - (-7^{\wedge} 6 + 5 \cdot 4)) \cdot 3 - 2 + 1$	386640	P	$9^{\wedge} - ((-8 - 7) / 6) + (5^{\wedge} 4 - 3)^{\wedge} 2 - 1$
352853	G	$-9 - (8 - 7^{\wedge} 6 + 5 \cdot 4) \cdot 3 - 2 + 1$	386735	P	$-(9 \cdot 8 + 76) + (-5^{\wedge} 4 + 3)^{\wedge} 2 - 1$
353598	P	$9 \cdot (-8 + 7 - (6^* 5 + 4)^{\wedge} 3) - 2 - 1$	386935	G	$-98 \cdot 76 + (5^{\wedge} 4 + 3)^{\wedge} 2 - 1$
353620	P	$9 \cdot (-8 + 7 - (6^* 5 + 4)^{\wedge} 3 - 2) + 1$	387062	P	$-(9 + 8) - 7 \cdot ((6 - 5 \cdot 4)^{\wedge} 3 / 2 - 1)$
353632	G	$-9 + ((8 - 7 - 6 \cdot 5)^{\wedge} 4 + 3) / 2 - 1$	387441	G	$9 \cdot (8 \cdot 7 + 6) + (-5^{\wedge} 4 + 3)^{\wedge} 2 - 1$
353742	G	$9 \cdot (8 - 7 + (6^* 5 + 4)^{\wedge} 3) - 2 - 1$	387484	P	$-(9 - 8 \cdot 76) + (-5^{\wedge} 4 + 3)^{\wedge} 2 + 1$
353789	G	$9 \cdot -8 \cdot 7 + 6 / (5 + 4)^{\wedge} (-3 - 2) - 1$	387563	P	$-(98 \cdot 7 + 6) + (-5^{\wedge} 4 + 3)^{\wedge} 2 - 1$
354192	P	$-(9 + 87) + 6 \cdot ((5 + 4)^{\wedge} (3 + 2) - 1)$	387612	G	$9 \cdot (87 - 6) + (-5^{\wedge} 4 + 3)^{\wedge} 2 - 1$
354607	G	$(9 \cdot 8 - (7^{\wedge} 6 + 5 \cdot 4)) \cdot 3 - 2 - 1$	387720	G	$9 \cdot (87 + 6) + (-5^{\wedge} 4 + 3)^{\wedge} 2 - 1$
354897	G	$9 \cdot 8 + (7^{\wedge} 6 + 5 \cdot 4) \cdot 3 + 2 + 1$	388157	G	$98 \cdot (7 + 6) + (-5^{\wedge} 4 + 3)^{\wedge} 2 - 1$
354917	G	$98 + (7^{\wedge} 6 + 5 \cdot 4) \cdot 3 - 2 - 1$	388193	G	$-98 + 7 \cdot 6 \cdot 5 \cdot 4 \cdot 3 \cdot 2 + 1$
354923	G	$98 + (7^{\wedge} 6 + 5 \cdot 4) \cdot 3 + 2 + 1$	388231	G	$-9 - 8 - 7 \cdot 6 \cdot (-5 \cdot 4 \cdot 3 \cdot 2 + 1)$
355625	P	$-9 \cdot (8 - 7^{\wedge} 6 + 5^{\wedge} - (-4 - 3) + 2) - 1$	388280	P	$-(9 + 8) - 7 \cdot (6 \cdot 5 \cdot -4 \cdot 3 \cdot 2 - 1)$
355641	G	$(-9 \cdot (8 - 7^{\wedge} 6 + 5^{\wedge} (4 + 3)) - 2) - 1$	388296	P	$-(9 - 8) - 7 \cdot (6 \cdot 5 \cdot -4 \cdot 3 \cdot 2 - 1)$
355661	P	$-9 \cdot (8 - 7^{\wedge} 6 - (-5^{\wedge} - (-4 - 3) + 2)) - 1$	388461	G	$-987 \cdot 6 + (5^{\wedge} 4 + 3)^{\wedge} 2 - 1$
356709	G	$-987 + 6 \cdot 5 \cdot (43 + 2 + 1)$	388483	G	$-9 - 8 - 7 \cdot 6 \cdot 5 \cdot (4 \cdot 3 \cdot 2 + 1)$
357617	P	$-(9 \cdot 8 + 7) - 6 \cdot 5 \cdot (- (43 + 2) - 1)$	388916	G	$-98 + ((7 \cdot (6 + 5) - 4)^{\wedge} 3 - 2 - 1)$
357672	P	$-(9 + 8 + 7) + 6 \cdot 5 \cdot (43 + 2 + 1)$	388918	G	$-98 + ((7 \cdot (6 + 5) - 4)^{\wedge} 3 - 2 + 1)$
357702	P	$-(9 - 8 - 7) + 6 \cdot 5 \cdot (43 + 2 + 1)$	389195	P	$-(9 - 8) + 76 \cdot (5 \cdot 4^{\wedge} (3 + 2) + 1)$
358043	P	$(-9^{\wedge} (- (8 - 7) + 6) - 5^{\wedge} 4) \cdot 3 - 2 - 1$	389213	G	$(9 + 8) + 76 \cdot (5 \cdot 4^{\wedge} (3 + 2) + 1)$
358045	P	$(-9^{\wedge} (- (8 - 7) + 6) - 5^{\wedge} 4) \cdot 3 - 2 + 1$	389245	G	$-98 + ((-7 + 6 \cdot 5) \cdot 4)^{\wedge} 3 / 2 - 1$
358752	G	$(-9 - 87) \cdot ((6 - 5^{\wedge} 4 \cdot 3) \cdot 2 + 1)$	389499	P	$-(9 - 8) + 76 \cdot 5 \cdot (4^{\wedge} (3 + 2) + 1)$
359366	G	$-98 \cdot ((7 \cdot 6 - 5^{\wedge} 4 \cdot 3) \cdot 2 - 1)$	389981	G	$(-9 + 8 \cdot (7 + 6) \cdot 5^{\wedge} 4 \cdot 3) \cdot 2 - 1$
360395	G	$98 \cdot ((7^{\wedge} 6 - 5 + 4) / 32 + 1)$	389982	G	$(-9 + 8 \cdot (7 + 6) \cdot 5^{\wedge} 4 \cdot 3) \cdot 2 \cdot 1$
360494	P	$-9 - 8 \cdot (-7 + (-6 - 5) / -4 \cdot (3^* - 2)) - 1$	390018	G	$(9 + 8 \cdot (7 + 6) \cdot 5^{\wedge} 4 \cdot 3) \cdot 2 \cdot 1$
360536	G	$-9 + 8 \cdot 76 \cdot (5^{\wedge} 4 - 32) + 1$	390121	G	$-9 \cdot 8 \cdot 7 + (6 - 5 + 4)^{\wedge} (3 \cdot 2 - 1)$
361756	P	$9 - 87 \cdot (- (65 / 4^{\wedge} - 3 - 2) + 1)$	391361	G	$9 \cdot 8 \cdot 7 \cdot 6 + (5^{\wedge} 4 + 3)^{\wedge} 2 + 1$
362086	G	$-9 + 87 \cdot (65 / 4^{\wedge} - 3 + 2) + 1$	391581	G	$9 \cdot 8 \cdot 7 \cdot 6 + (5^{\wedge} 4 - 3)^{\wedge} 2 - 1$
362116	G	$(9 \cdot 8 + 7) \cdot (-6 + 5^{\wedge} 4) \cdot 3 - 2 + 1$	391621	G	$9 \cdot 8 + (7^{\wedge} 6 + 5^{\wedge} (4 + 3)) \cdot 2 + 1$
364990	G	$-9 + 876 \cdot 5^{\wedge} 4 / 3 \cdot 2 - 1$	391645	G	$98 + (7^{\wedge} 6 + 5^{\wedge} (4 + 3)) \cdot 2 - 1$
364991	G	$-9 + 876 \cdot 5^{\wedge} 4 / 3 \cdot 2 \cdot 1$	391656	G	$(-9 - (8 + 7)) \cdot (65 - 4^{\wedge} (3 \cdot 2 + 1))$
364994	G	$(9 - 876 / 5^{\wedge} - 4) / -3 \cdot 2 \cdot 1$	392385	G	$(-98 - 7) \cdot ((6 - 5^{\wedge} 4 \cdot 3) \cdot 2 + 1)$
365017	G	$(9 + 876 \cdot 5^{\wedge} 4 / 3) \cdot 2 - 1$	392591	P	$(- (9 - 8) + 7) \cdot 6 \cdot 5 \cdot 4 \cdot 3 \cdot 2 - 1$
365018	G	$(9 + 876 \cdot 5^{\wedge} 4 / 3) \cdot 2 \cdot 1$	392955	G	$9 \cdot (-87 + (6 + 5)^{\wedge} 4) \cdot 3 - 2 - 1$
365170	G	$(9 \cdot 8 + 7) \cdot (6 - 5^{\wedge} 4 / 3^{\wedge} - 2 + 1)$	393447	P	$9 \cdot 8 \cdot (-7 + 6) + (5^{\wedge} 4 + 3)^{\wedge} 2 - 1$
365292	G	$(-9 + 8 \cdot 7) \cdot (6^{\wedge} 5 - 4) + 3^{\wedge} 2 - 1$	393691	G	$98 \cdot -7 - 6 + (5^{\wedge} 4 + 3)^{\wedge} 2 - 1$
365300	G	$(9 \cdot 8 + 7) \cdot (6 - 5^{\wedge} 4 / 3^{\wedge} - 2 - 1)$	393771	G	$9 \cdot (8 - 76) + (5^{\wedge} 4 + 3)^{\wedge} 2 - 1$
366288	G	$-9 + 8 \cdot 7 \cdot (6543 - 2) + 1$	393825	G	$-9 \cdot (8 \cdot 7 + 6) + (5^{\wedge} 4 + 3)^{\wedge} 2 - 1$
366512	G	$-9 + 8 \cdot 7 \cdot (6543 + 2) + 1$	394235	G	$9 \cdot -8 - 76 + (5^{\wedge} 4 + 3)^{\wedge} 2 - 1$
369847	P	$(-9 + 8 - 7) \cdot (-6 + (5 \cdot 4 \cdot 3)^{\wedge} 2) - 1$	394329	P	$-(98 - 7 \cdot 6) + (5^{\wedge} 4 + 3)^{\wedge} 2 + 1$
373162	P	$(- (9 - (8 + 7)) \cdot 6^{\wedge} 5 + 4 \cdot 3) \cdot 2 \cdot 1$	394355	G	$-9 - 8 - 7 + 6 + (5^{\wedge} 4 + 3)^{\wedge} 2 + 1$
373508	G	$9 - (8 - 7 \cdot 6 \cdot 5) \cdot 4 \cdot 3 \cdot 2 + 1$	394504	P	$-(9 - 8) \cdot 7 + (-6 - 5^{\wedge} 4 + 3)^{\wedge} 2 + 1$
376264	G	$-9 + (876 - 5) \cdot 4 \cdot 3 \cdot 2 + 1$	394712	G	$-9 + 8 \cdot 7 \cdot 6 + (5^{\wedge} 4 + 3)^{\wedge} 2 + 1$
376342	G	$-9 + 8 \cdot 76 \cdot (5^{\wedge} 4 - 3 \cdot 2) - 1$	394767	G	$9 \cdot 876 + (-5^{\wedge} 4 + 3)^{\wedge} 2 - 1$
376961	G	$9 - 8 \cdot (-76 \cdot (5^{\wedge} 4 - 3 - 2) + 1)$	394898	P	$-(9 - 87 \cdot 6) + (5^{\wedge} 4 + 3)^{\wedge} 2 + 1$
377007	G	$-9876 + (5^{\wedge} 4 - 3)^{\wedge} 2 - 1$	394984	P	$-(9 - 8 \cdot 76) + (5^{\wedge} 4 + 3)^{\wedge} 2 + 1$
377935	G	$-9 + 8 \cdot 7 \cdot ((6 + (5 + 4))^{\wedge} 3 \cdot 2 - 1)$	395112	G	$9 \cdot (87 - 6) + (5^{\wedge} 4 + 3)^{\wedge} 2 - 1$
378188	G	$9 - 8 \cdot 76 \cdot (-5^{\wedge} 4 + 3) + 2 + 1$	395139	G	$9 \cdot (8 + 76) + (5^{\wedge} 4 + 3)^{\wedge} 2 - 1$
378775	P	$- (9 - (8 + 7) \cdot 6^{\wedge} 5) + 4^{\wedge} (3 \cdot 2 \cdot 1)$	395160	G	$9 \cdot 87 - (6 - (5^{\wedge} 4 + 3)^{\wedge} 2 + 1)$
378999	G	$-9 \cdot 876 + (-5^{\wedge} 4 + 3)^{\wedge} 2 - 1$	395220	G	$9 \cdot (87 + 6) + (5^{\wedge} 4 + 3)^{\wedge} 2 - 1$
379423	G	$-9 - 8 \cdot (-765 \cdot (4^{\wedge} 3 - 2) + 1)$	395695	G	$9 \cdot ((8 + 7 + (6 + 5)^{\wedge} 4) \cdot 3 - 2) + 1$
379435	G	$-98 \cdot 76 + (-5^{\wedge} 4 + 3)^{\wedge} 2 - 1$	395731	G	$9 \cdot ((8 + 7 + (6 + 5)^{\wedge} 4) \cdot 3 + 2) + 1$
379576	P	$- (9 - 8) \cdot 7 + (6 - 5^{\wedge} 4 + 3)^{\wedge} 2 + 1$	397409	G	$9 \cdot 8 \cdot 7 \cdot 6 + (5^{\wedge} 4 + 3)^{\wedge} 2 + 1$
379736	P	$-9 - 8 \cdot (-76 / 5^{\wedge} - 4 - 32) + 1$	402076	G	$(9 + 8) \cdot 7 + (6 + 5^{\wedge} 4 + 3)^{\wedge} 2 + 1$
380591	G	$-9 - 8 \cdot (-76 \cdot (5^{\wedge} 4 + 3 - 2) + 1)$	402678	G	$-9 - 8 \cdot (-7 \cdot 6 \cdot 5^{\wedge} 4 \cdot 3 \cdot 2) - 1$
380923	G	$-98 + 7 \cdot 6 \cdot 5 \cdot (4 + 3) - 2 - 1$	403992	G	$9 \cdot 8 \cdot (-7 - 6 - 5 \cdot 4 \cdot -3 \cdot 2 - 1)$
380992	G	$-9 - 8 - 7 \cdot (-6 \cdot 5 \cdot (4 + 3) + 2) - 1$	404136	G	$9 \cdot 8 \cdot (-7 - 6 - 5 \cdot 4 \cdot -3 \cdot 2 + 1)$
381572	G	$-9 + 87 \cdot 6 \cdot ((5 + 4)^{\wedge} 3 + 2) - 1$	404341	P	$987 \cdot - (6 + 5^{\wedge} 4 / -3 \cdot 2 + 1)$
381839	P	$-9 - 8 \cdot (- (76 \cdot (-5^{\wedge} 4 - 3) + 2) - 1)$	404979	G	$-9 - 8 + (-7 + (6 \cdot 5)^{\wedge} 4 - 3) / 2 + 1$

405083	G	$9*8*(7/6-5^4*-3^2)-1$	458525	G	$-9-(8+7*(6*5-4^(3^2-1)))$
405085	G	$9*8*(7/6-5^4*-3^2)+1$	458577	G	$-98-7*(6+5-4^(3^2-1))$
405687	G	$(9+8)*76*(5^4+3)/2-1$	458828	G	$-9+8+7*(6+5+4^(3^2-1))$
405689	G	$(9+8)*76*(5^4+3)/2+1$	462333	P	$-(9+8)+7*((65*4-3)^2+1)$
407036	G	$-9+(8*(76-5/-4*3))^2+1$	462349	P	$-(9-8)+7*((65*4-3)^2+1)$
407399	G	$(-9+8+76)*5432-1$	463664	G	$-98+(76*(5+4)-3)^2+1$
407952	G	$9*8*(7*6-5^4/-3^2-2-1)$	463688	G	$-9*8+(76*(5+4)-3)^2-1$
411256	G	$-9+8*7*(6^5-432)+1$	465000	G	$(9+8+76)*5^4*(3^2-1)$
411700	G	$-9*8+(7^(6+5-4)+3)/2-1$	466374	P	$-(9-8)+7*65*(4^(3+2)+1)$
411862	G	$9*8+(7^6+5)*(4+3)/2+1$	467762	G	$-987+6*5^4(4+3)-2+1$
413320	G	$-9*8+7*(6+(5+4)^(3+2)+1)$	467781	G	$-987+6*(5^4(4+3)+2+1)$
413355	G	$9+((8+7)-6)^5*(4+3)+2+1$	467985	G	$-9*8+7*(6+5+4^(3+2)+1)$
413649	G	$-9*(8-7*(6+(5+4)^(3+2-1)))$	468082	G	$-98*7+6*(5^4(4+3)+2+1)$
414359	G	$-9+87*6^5-4^(3^2*1)$	468620	G	$(-9-8)*7+6*(5^4(4+3)-2)+1$
414373	G	$(9+8)*(7+6)*5^4*3-2*1$	468882	G	$98*7/6*(5+4^(3^2))+1$
414596	G	$(9+8)*(7+6)*(5^4*3+2-1)$	469307	G	$-9+8*(7^6-5^4*3)/(2*1)$
415992	G	$-9-8*(-7-6)/((5*4)^-3*2)+1$	470331	P	$((-9*8-7^6)+5)^4*3*(2-1)$
417868	G	$-9+(8^7-6^5+4)/(3+2)+1$	470335	G	$(9*8-(7^6+5))*-4+3*2+1$
418159	G	$987*(6-5^4/-3^2+1)$	470336	G	$(9*8-(7^6+5))*-4+3^2-1$
419479	G	$(9+8^7-6)/5+(4+3)^2-1$	470383	G	$(-9+(-8+7^6)/5)*4*(3+2)-1$
421914	G	$(9*87-6)*543+2+1$	470510	G	$(-9+(8*(7^6-5^4)-3))/2*1$
422819	G	$9*87*(-6-54)/-3^2-2-1$	470829	G	$9+8+(7^6+54)*(3+2-1)$
423921	G	$(9+8)*7+(654-3)^2+1$	470847	P	$(9+(8-7+6)^5)*-(4-32)-1$
426250	G	$(98-76)/(5^4-4/(32-1))$	470860	G	$(9*8+7^6-5)*4-3-2+1$
427484	G	$-9-8+76*5^4*3^2+1$	471867	G	$-9+8*(7^6+5^4*3)/(2*1)$
427498	G	$-9+8+76*5^4*3^2-1$	471885	G	$9+8*(7^6+5^4*3)/(2*1)$
427678	G	$(9-8/7)/(6^5-5/(4+3))-2*1$	472293	G	$-98-(7-6*(54^3/2+1))$
427682	G	$(9-8/7)/(6^5-5/(4+3))+2*1$	472305	P	$9+8*(7+6-(5+4)^(3+2))-1$
428278	G	$-9+8*7*(6^5-4*32)-1$	473102	P	$(9-8*(7^6+5^4)+3)/2*1$
429017	G	$-9+(8*(76+5)+(4+3))^2+1$	474257	G	$-9*8-(7-6^5*(4^3-2-1))$
430630	G	$-9+8*7*(6^5-43^2)-1$	474585	P	$-(9-87)^(-6+5+4)+32+1$
431220	G	$-9*(87-6*(5*4)^3)+2+1$	475734	G	$(9+8*7)*((6+5)^4-3)/2-1$
431839	G	$-9+8*(7*(6^5-4^3)-2-1)$	479106	P	$-9+(-87-6^5)*-(4^(3^2)-1)$
432759	G	$-9+8*7*(6^5-(4+3)^2+1)$	479222	P	$-(9+(-87-6^5)*4^(3^2))-1$
432937	G	$9-8*(-7*(6^5-43-2)+1)$	479223	P	$-(9+(-87-6^5)*4^(3^2))*1$
433048	G	$(9-(8-76))*(5^4*3^2-1)$	481662	P	$-(9+8)-(-7-6^5)*4(3^2-2)+1$
433871	G	$-9-8*(-7*(6^5+4-32)+1)$	482006	G	$-98-7+6^5*(4^3-2)-1$
434242	G	$-9+8*7*(6^5-43/2)-1$	482015	G	$-9-87+6^5*(4^3-2)-1$
434326	G	$-9+8*7*(6^5-4*(3+2))-1$	482530	P	$-(9+8)+(7+6^5)*4(3^2-2)+1$
435110	G	$-9+8*7*(6^5-4*3/2)-1$	484173	P	$-(9+8)+7*((65*4+3)^2+1)$
435620	G	$-9+8*(7*6^5+43/2)+1$	484189	P	$-(9-8)+7*((65*4+3)^2+1)$
435630	G	$-9+8*(7*(6^5+4)-3-2)-1$	484765	G	$9*87*(6+5^4+3^2)+1$
435822	G	$-9+8*(7*(6^5+4+3)-2)-1$	485119	G	$-9-8*7*(-6/(5-43))^2+1$
436006	G	$-9+8*7*(6^5+4+3^2)-1$	485183	G	$-9+8*(7*6/(5+43))^2+1$
436208	G	$(-98-7*6^5+4)*(-3^2+1)$	489560	G	$-9*(8+7*-6^5)-4^4(3+2-1)$
436566	G	$-9+8*7*(6^5+4*(3+2))-1$	490064	G	$(-9*(8-7*(6^5+4))-3-2)+1$
436959	G	$-9+8*7*(6^5-4+32-1)$	490138	P	$-9*(8+7*(6^5+4)-(-3^2-2)))$
437847	G	$-9+8*(7*(6^5+43)-2+1)$	492048	G	$9*((8+7)^6*5^4-4*3^2-1)$
438247	G	$-9+8*7*(6^5+(4+3)^2+1)$	492847	G	$-9+8*7*(6^5+4^4(3+2)+1)$
438360	G	$(9-87)*(6-5^4/3^2-2-1)$	494628	G	$-987+((6+5)/4^4-3)^2-1$
439216	P	$-(9-((8+7)*(6+5)^4-3)*2)+1$	495750	G	$9*(8+7)+((-6-5)*4^3)^2-1$
439984	G	$-9+(87-6)*5432+1$	496676	G	$-987+6^5*4^3-2+1$
440262	G	$-9+8*7*(6^5+43^2)-1$	497256	G	$(9-8*(7-6^5)-4)*(3^2-1)$
442152	P	$-9-8/7*(6+(-5^4+3)^2)+1$	497816	G	$-9+8*(7+6^5*4+3)*2+1$
442614	G	$-9+8*7*(6^5+4*32)-1$	498311	G	$-9*(-8-7^6)/(5/4+3)*2-1$
443822	P	$(9*8+7)*-(6-5^4/3^2+2+1)$	499218	G	$-98*(7-6^5)-4^4(3^2*1)$
443980	P	$(9*8+7)*-(6-5^4/3^2-2-1)$	509793	G	$((-9-8)*7^6)^(-5+4+3)-2-1$
444438	G	$-9+8*76*(5+4)^3+2-1$	512031	G	$-9+8+7^6+5^4(4+3)^2-1$
444770	G	$(9*8+7)*(6-5^4/-3^2-2-1)$	512417	P	$-(9+8)+7*(6+5)^4*(3+2)-1$
445329	G	$((9-8)*7^6+5^4*(3^2-1))$	512738	P	$-(9+8)-(-7-6^5)*4(3+2)+1$
446242	G	$(-9-8)*7*6*-5^4-3^2+1$	513110	G	$-98-7+6^5*(4^3+2)-1$
446260	G	$(-9-8)*7*6*-5^4+3^2+1$	513119	G	$-9-87+6^5*(4^3+2)-1$
447542	G	$-9-8*7*(6-(5*4)^3+2)-1$	513183	G	$-9+8+7*(6^5+4^4(3^2-1))$
447766	G	$-9-8*7*(6-(5*4)^3-2)-1$	513185	G	$(9-8+7*(6^5+4^4(3^2-1)))$
448438	G	$-9-8*-7*(6+(5*4)^3+2)-1$	513293	G	$-9+87+6^5*(4^3+2)-1$
448703	G	$(-9+(-8-(-7-6))^5)*(4*3)^2-1$	513662	P	$-(9+8)+(7+6^5)*4(3+2)+1$
450793	G	$(9+87*(6^5-4)/3)*2-1$	515516	G	$-9+((-8-7)*6-5^4-3)^2+1$
452921	G	$-9+(8-76*(5+4)+3)^2+1$	517024	G	$-9+8+(7*6)^5/(4-(3-2))+1$
453930	P	$-(9+8)-(-7-(65-4)^3)*2-1$	518319	G	$(9*8+7)*((6-5)-4)^(3^2-1)$
458470	G	$-9*8-7*(6^5-4^4(3^2-1))$	520490	G	$(-9-8+7^6(6-5+4))^3(32-1)$

520700	P	$(- (9-87*6)-5) * (4^(3+2)+1)$	571431	G	$((9+8)*7^(6-5+4)-3)*2-1$
520901	P	$-(98-7)+6^5*(4^3+2+1)$	571445	G	$((9+8)*7^(6-5+4)+3)*2+1$
520968	G	$-9-(8+7-6^5*(4^3+2+1))$	571465	G	$-9*8+(7*6^5*54/3)^2+1$
520984	G	$-9+8-(7-6^5*(4^3+2+1))$	571518	G	$-9-8+(7*6^5*54/3)^2-1$
522304	G	$-9-(-8^7+6^5)/4-32+1$	576231	G	$-9+(8+7)*(6-5*4)^(3+2-1)$
522325	P	$-(9+(-8^7+6^5)/4)-3^2-1$	579311	G	$9*(-8+7*65)*(4*3)^2-1$
522368	G	$-9-(-8^7+6^5)/4+32+1$	585350	G	$-9-8*(7-(6+5)^4)*(3+2)-1$
522847	G	$(9+8)*7+(6-(5+4)^3)^2-1$	585828	G	$-9-8+7^6*5*(-4-3)^{-2}+1$
523631	G	$-9-8*(76+5-4^(3^2-1))$	587318	G	$98+7^6*5-4^(3+2)-1$
523703	G	$-9-8*(7+65-4^(3^2-1))$	587324	G	$(-98+7^6)*5-432+1$
526192	G	$-9-(-8^7-6^5)/4-32+1$	587414	P	$-(9-87*(6^5-4^(3+2)))-1$
526213	G	$9*(8+(7^6+(-5-4)^3)/2)+1$	587866	G	$(9*8-7^6)*5-4*(3+2)+1$
526221	P	$-9*(-(8+(7^6-(5+4)^3)/2)-1)$	587877	P	$-(9*8-7^6)*5-4-3-2+1$
526256	G	$-9-(-8^7-6^5)/4+32+1$	587946	G	$(9*8-7^6)*5-(-4^3+2)-1$
526836	G	$-9-((8*7)^(6+5+4)*-3+2)-1$	587948	G	$(9*8-7^6)*5-(-4^3+2)+1$
526838	G	$-9-((8*7)^(6+5+4)*-3+2)+1$	588012	G	$(9*8-7^6)*5+4*32-1$
526840	G	$-9+(8*7)^(6+5+4)*3+2-1$	588475	G	$(-9-8-7^6)*-5+(4*3)^2+1$
526842	G	$-9+(8*7)^(6+5+4)*3+2+1$	588670	G	$(-98-7^6)*5-4^3-2+1$
526854	G	$9-((8*7)^(6+5+4)*-3+2)-1$	588783	P	$-(98-7^6)*5+(4+3)^2-1$
526856	G	$9-((8*7)^(6+5+4)*-3+2)+1$	588796	G	$(-98-7^6)*5+4^3-2-1$
526858	G	$9+(8*7)^(6+5+4)*3+2-1$	588798	G	$(-98-7^6)*5+4^3-2+1$
527765	P	$(-9-8)*-((-7+6^5)^4-(32-1))$	588908	G	$(9*8-7^6)*5+4^3(3+2)-1$
528381	G	$-9*(8-(7^6-5^4*3)/(2*1))$	589273	P	$-(9+8-7^6)*5+4^3(3+2)-1$
530316	G	$-9*(8-(7^6+5^4*3)/(2*1))$	589512	G	$(-9-(8*7+6)*5)*(-43^2+1)$
531792	G	$-9*(8+(-7^6-543)/(2*1))$	589540	G	$9+(8+7)*((6^5+4)^3-2)+1$
531936	P	$9*(8+(-7^6-543)/-(2*1))$	589603	G	$(-98+7^6)*5+43^2-1$
534374	G	$(-9-8*(-7-6))*5^4/3^2-1$	589733	P	$-(9*8-7^6)*5-43^2-1$
534376	G	$(-9-8*(-7-6))*5^4/3^2+1$	590098	G	$(9-8+7^6)*5+43^2-1$
535519	P	$-(9*8-7^6(6-(5-4)))*32-1$	590178	G	$(9+(8+7^6))*5+43^2-1$
537128	G	$-9+87*6*(5+4^3(3+2))-1$	590362	P	$(9^4(-8-7)+6)*5-4^3(2*1)$
537281	G	$-9+(8*(-7+6^5)*4-3)^2+1$	590503	P	$(9^4(-8-7)+6)*5+4+3)^2-1$
537560	G	$-9-(8-7^6(6-(5-4)))*32+1$	590505	P	$(9^4(-8-7)+6)*5+4+3)^2+1$
539277	P	$(-9+876)*-(-5^4+3)+2+1$	590583	G	$(-98-7^6)*5+43^2-1$
539864	G	$9*(-8-7)-(6^5)^4/3^2-1$	590618	P	$(9^4(-8-7)+6)*5+4^3(2*1)$
540066	G	$9+(-87-(6^5)^4)/-3^2-1$	590630	G	$-9-8+7^6*5+(4+3)^{-2}+1$
543110	G	$-9-876*(-5^4+3+2)-1$	591980	P	$-(9*8-7^6)*5+4^3(3^2)-1$
543422	G	$-9-8765*(-4^3+2)+1$	591981	P	$-(9*8-7^6)*5+4^3(3^2)*1$
543787	G	$-9+(-8+76)*(5^4)^3-2-1$	592001	G	$(9*-8-76)*(5*-4)^3/2+1$
544051	P	$9*(-8-7)*65*(-4^3-2)+1$	592832	P	$-(98-7^6)*5+4^3(3^2)+1$
545340	G	$(98-7*-6^5+4)*3^2+1$	603177	P	$(-9+87)*-(-6^5+43)+2+1$
546113	G	$-9+(8*(7-6^5)*4-3)^2+1$	604660	G	$-9-(-8-7^6)*5+4^3(3^2+1)$
546732	P	$-(98+7*(6-5^4(4+3))+2)-1$	606019	G	$-987*(6-(5^4-3-2))+1$
546748	G	$-9*8-7*(6-5^4(4+3))+2+1$	606224	G	$(-9+87)*(6^5-4)+3^2-1$
546762	G	$-9*8-7*(6-5^4(4+3))+2-1$	606249	P	$(-9+87)*-(-6^5+4)+32+1$
546776	G	$-9*8-7*(6-(5^4(4+3)+2))+1$	606501	G	$(-9+87)/6^5-5+4-32+1$
547464	G	$-9+876*5^4-3^2(2+1)$	607358	P	$-9-8/7*(-(6+(5+4)^(3^2)))-1$
548366	G	$-9+876*((5^4+3)-2)-1$	607751	P	$-98-76*(-(5^4)^3-2)+1$
550083	P	$(-9*8-(7^6+5^4*3))^2+1$	607901	G	$-98+76/(5^4)^{-3-2}+1$
550985	G	$-98-7*(6-5^4/3/2)+1$	608059	G	$-9-8-76*((-5^4)^3-2+1)$
553663	G	$9*((-87+6^5)^4+3)^2+1$	608079	G	$-9*8-76*((5*-4)^3-2)-1$
555268	G	$98*(7*6-5^4*-3^2-1)$	608280	G	$(-9-8)*7+(65*4*3)^2-1$
557824	G	$-9-(8-7-65^4)/32+1$	608327	G	$-9*8+((-7-6)*5*4*3)^2-1$
558243	G	$-9*((87-6^5*4+3)*2+1)$	608352	G	$9-8*7+(65*4*3)^2-1$
558503	P	$-(9*8*(7-6^5+4*3)+2)+1$	608387	G	$-98/7+(65*4*3)^2+1$
559461	P	$9*8*(-(7-6^5-4/3)-2)-1$	608506	P	$-(98-7)+(65*4*3)^2+1$
559634	G	$((-9-8)*7+6^5(-5+4*3))^2*1$	608903	G	$9*8*7+(65*4*3)^2-1$
559696	G	$-9+(8+(7-6^5)^4+3)^2+1$	609087	P	$-(98*7-(65*4*3)^2)+1$
559842	G	$-9-8+(-7+6^5(-5-4*-3))^2+1$	609184	P	$-(9*87-(65*4*3)^2)+1$
559976	G	$(9*(8-7+6^5)+4)*(3^2-1)$	609967	G	$-987*(6-(5^4-3)-2)+1$
559993	G	$9+(8*7+6^5(-5-4*-3))^2*1$	610955	G	$-987*(6-5^4)+3-2+1$
560030	G	$(9*8+7+6^5(-5-4*-3))^2*1$	610961	G	$-987*(6-5^4)+3^2-1$
560110	G	$((9+8)*7+6^5(-5+4*3))^2*1$	611514	G	$-9+(8+(7+(6+5))^4)^3)^2-1$
561237	P	$-(9*8*(-(7+6^5+4*3)+2)-1$	614377	G	$-9-(8+7-6/(5/4^3))^2-1)$
561845	G	$(987+6^5(-5+4*3))^2-1$	614453	G	$-9-(-8*7-6*((5*4^3)^2+1))$
565494	G	$-9+(8*(76+54/3))^2-1$	614471	G	$9-(-8*7-6*((5*4^3)^2+1))$
565512	G	$9+(8*(76+54/3))^2-1$	614472	P	$-(9-87)-6*(-(5/4^3)^2+1)$
569991	G	$-9+8*76*5^4*3/2*1$	614518	P	$-(9-8)*7+6/(5/4^3)^2-1$
570010	G	$9+8*76*5^4*3/2+1$	614520	P	$-(9-8)*7+6/(5/4^3)^2+1$
570529	G	$9*-8*(76-(5^4)^3)+2-1$	614534	P	$9*(8+7)-6*(-(5^4)^3)^2-1$
570531	G	$9*-8*(76-(5^4)^3)+2+1$	614896	G	$-9-(8-7*(6+5)^4)^3)^2-1$

614960	G	$-9+(8+7*(6+5)^4)*3^2-1$	692495	P	$9*8^*- (7-6^5-43^2)-1$
615085	G	$98*7-(-6*(5/4^-3)^2+1)$	695238	P	$-(9*(876-5^4(4+3)))+2)-1$
615182	G	$9*87-(-6*(5/4^-3)^2+1)$	696001	G	$(-98-76)*(5^*-4)^3/2+1$
619576	G	$-9-8*7*6*(5-43^2)+1$	696512	G	$-9-(-87*(6-(-5*4)^3)+2)+1$
619583	G	$-9-8*(7*6*(5-43^2)-1)$	699860	G	$-9+((8+7)*6((5+4)-3)+2)-1$
620936	G	$-9+(8+(7+6)*5*4*3)^2+1$	700098	P	$-(9*(8*7*6-5^4(4+3)))+2)-1$
621480	G	$9*(-8*(-7+6^5)+4)*(-3^-2-1)$	702296	P	$9*((-8-7)*6-(-5^-(-4-3)+2))-1$
621512	G	$-9-8*(7-6^5)*(4*3-2)+1$	702870	G	$-9-8*(-7-(6+5)^4*3)^2-1$
622016	G	$-9-8*(7-6^5*(4+3*2))+1$	702983	P	$-(9+8)+76*5*(43^2+1)$
624119	G	$-9+8*(7^6-5^4)/(3/2*1)$	703428	G	$-9*(8-7*6-5^4(4+3))-2-1$
624137	G	$9+8*(7^6-5^4)/3*(2*1)$	705498	G	$-9*(8+(-7^6+54)/(3/2*1))$
624631	G	$-9-8*(7*6-5^4(4+3)+(2+1))$	705583	G	$(9*8-7^6-5^4)*3^2-2+1$
624879	G	$-9-8*(7+6-5^4(4+3)+2-1)$	705587	G	$9+8+(7^6-54)*3^2*1$
624966	G	$-9-8*(7-(6+5^4(4+3))+2)-1$	705642	G	$9*8+(7^6-54)*3^2*1$
625103	G	$-9+8*(7+6+5^4(4+3)+2-1)$	705668	G	$98+(7^6-54)*3^2*1$
625342	P	$-9-8*((7*6+5^4(4+3))+2))-1$	705699	G	$(-98+7^6/((5-4)/3))^2+1$
625622	G	$-9+8*76*(5+4^3(3+2))-1$	705702	G	$-9*(8-(7^6-5^4)/(3/2*1))$
627439	P	$(-9-8*(-7^6+5)+4)/-3*2+1$	705714	G	$(9*8+(7^6-54)*3)^2*1$
627559	G	$-9+8*(7^6+5^4)/(3/2*1)$	706031	G	$9+8+(7^6+5^4)*3^2*1$
627577	G	$9+8*(7^6+5^4)/3*(2*1)$	706046	G	$98+(7^6+5^4)*3^2*1$
627869	G	$-9+(8*7^6+5^4)/(3/2*1)$	706086	G	$9*8+(7^6+5^4)*3^2*1$
629240	G	$-9-8*(76-54^3/2)+1$	706112	G	$98+(7^6+5^4)*3^2*1$
629742	G	$-9-8*(7+6-54^3/2)-1$	706235	G	$9+8+(7^6+54)*3^2*1$
630262	G	$9*(8-7+6^5+4)*3^2+1$	706256	G	$-9+(8+(7^6+54))^3*2-1$
630463	G	$-9+8*(76+(54^3/2+1))$	706290	G	$9*8+(7^6+54)*3^2*1$
630710	P	$-9-876*5^*- (4*3)^2-1$	706316	G	$98+(7^6+54)*3^2*1$
632393	G	$9+8*(7^6-5^4(4+3))^2*1$	707988	G	$(98-7)*(6^5+4)+3^2-1$
635091	G	$-9-876*-5*(4*3)^2+1$	708294	P	$-(9-8)+7^6*(5+(4+3)^-2+1)$
636796	G	$-9+(8*7*(6+5/4)*3)^2+1$	708733	G	$-9-(8-7*(6*5)^4/(3^2-1))$
641249	G	$(9*8-7*-6)/5^-4*3^2-1$	709572	G	$-9*(8-(7^6+5^4)/(3/2*1))$
643124	G	$98*7/6*5^4*3^2-1$	709716	G	$9*(8-(7^6+5^4)/(-3/2*1))$
648154	G	$-9-((-87+6)*(5*4)^3+2)-1$	712705	G	$(-9+(-8-7)*6(6+5))^*-4^3(3^2)+1$
652484	G	$-9+(87*6*5^4-3)^2-1$	716742	G	$9*(8-(7^6-54^3)^2(2*1))$
652486	G	$-9+(87*6*5^4-3)^2+1$	716798	P	$-9+(-8+7-6)*(-(5/4^-3)^2+1)$
652496	G	$-9+(87*6*5^4+3)^2-1$	716826	G	$-9-8-7*(-6-(5*4^3)^2)+1$
652498	G	$-9+(87*6*5^4+3)^2+1$	716844	G	$9-8-7*(-6-(5*4^3)^2)+1$
653030	G	$9+87*(6*5^4+3)^2-1$	719909	G	$-98+7+(6*5)^4*(-3^-2+1)$
654939	G	$9*((-87+(6+5)^4)*(3+2)+1)$	720179	P	$(-9-87+6)*(-(5*4)^3+2)-1$
656097	P	$-((-9*(8-7)*6)^-(5-4)+3)+2)-1$	720889	G	$(-9+8)*(7-(6+5)*4^3(3^2-1))$
656103	P	$(9*(8-7)*6)^-(5-4)+3)+2+1$	720975	G	$(9*8+7+(6+5)*4^3(3^2-1))$
656242	P	$(-9-8)-7*(-6*5^4(4*3/2)+1)$	721031	G	$(9*(8+7)+(6+5)*4^3(3^2-1))$
656260	P	$(-9-8)-7*(-6*5^4(4*3/2)+1)$	721277	P	$-(9+8)+7*((6*54-3)^2+1)$
656986	P	$(-9+8)-7-(65+4)^3)^2-1$	721293	P	$-(9-8)+7*((6*54-3)^2+1)$
668542	G	$(-9-8)*7*(6-5^4*3^2+1)$	721400	G	$(9*8*7+(6+5)*4^3(3^2-1))$
668698	P	$-(9+(8+7-6^5*43)^2)+1$	728922	P	$-(9+87)+(6*5)^4/(3^-2+1)$
668706	G	$-9-8+(-7+6^5*43)^2+1$	728976	P	$-(9+8+7)-(6*5)^4/(-3^-2-1)$
668780	G	$(-9-8)*7*(6-5^4*3^2-1)$	729079	P	$-(9*8-7)-(6*5)^4/(-3^-2-1)$
669970	G	$(9+8)*7*(6+5^4*3^2-1)$	729091	P	$-(9+8+7)+(6*5)^4/(3^-2+1)$
670208	G	$(9+8)*7*(6+5^4*3^2+1)$	729138	G	$-9-8*7/6*(-5^4(4+3)+2)-1$
670662	G	$-98+(7*(-6*5^4+3))^2-1$	730786	G	$-98*(7-6*(5^4-3)^2(2*1))$
670688	G	$-9*8+(7*(-6*5^4+3))^2-1$	732158	G	$98*(7+6*(5^4-3)^2(2*1))$
671739	G	$-9+(8+76)*((5*4)^3-2)-1$	733726	G	$-98*(7-(6*5^4-3)^2(2*1))$
672270	G	$-9+8*7^6(6-(5-4))^3(3+2)-1$	734902	G	$-98*(7-(6*5^4+3)^2(2*1))$
672587	G	$-9-87*(-6^5+43+2)-1$	737842	G	$-98*(7-6*(5^4+3)^2(2*1))$
672935	P	$-9-87*(-(-6^5+43)+2)-1$	739214	G	$98*(7+6*(5^4+3)^2(2*1))$
673544	G	$-9+(8*7+6^5)*43^2+1$	739309	G	$(-9+(8*76)^-(5-(-4-3)))^2-1$
673569	G	$(9-(8*-7-6^5)*43)^2-1$	741222	G	$-98+(7*(6*5^4+3))^2-1$
674066	G	$-9+87*((6^5+4)-32)-1$	742405	G	$(98-(7+6)^5-4-3)^*-2+1$
675458	G	$-9-87*(-6^5+4*3)-2+1$	742482	G	$9+(8+(7+6)^5-4^3)^2-1$
676183	G	$9-87*(-6^5+4)+3^2+1$	742508	P	$-(9-(8+(7+6)^5-4-3)^2)+1$
676559	G	$-9+(8*7+6^5*(43*2+1))$	743833	G	$-98+(7*(6+5/4^-3)^2-1)$
676879	G	$(9+87*(6^5+4))^3+2+1$	746414	G	$-9-8*(7-6^5*4*3+2)-1$
677104	P	$(-9+8)+(7+6^5)^4(43*2+1)$	746888	G	$(9+87)*(6^5+4)+3^2-1$
678938	P	$-9-87*(-(-6^5+4)+32)-1$	747303	G	$9*(8*((7+6)^5*4/3+2)-1)$
679034	G	$-9+8*7^6-5-4^3(3^2*1)$	748344	G	$(-9-87)*-6^5+43^2-1$
680069	G	$-9+87*((6^5+43)-2)-1$	748487	G	$-9-8+7*(6^5+4+3)^2+1$
681898	G	$-9+87*((6^5+4^3)-2)+1$	748493	P	$-(9+8)+7*((6*54+3)^2+1)$
683921	G	$-9+(8+7*(6*5^4-3))^2+1$	748509	P	$-(9-8)+7*((6*54+3)^2+1)$
690073	G	$-98+(7*(6-5/4^-3))^2-1$	750303	G	$-9-(((8+7-6)*5)^4-3)/-2+1$
691478	G	$-9+8*(7*6*(-5+4*3))^2-1$	750306	G	$-9+(((8-7+6)*5)^4+3)/2+1$

755988	G	$-9-(8-7*(6+54)^3)/2+1$	841285	P	$-(9+8)+7*(65*43^2+1)$
756006	G	$9-(8-7*(6+54)^3)/2+1$	841301	P	$-(9-8)+7*(65*43^2+1)$
756305	G	$-9+(8-7+6)^5*(43+2)-1$	841733	P	$-(9+8)+7*65*(43^2+1)$
756342	G	$-9+8*76*(5^4-3)*2-1$	841749	P	$-(9-8)+7*65*(43^2+1)$
756360	G	$9+8*76*(5^4-3)*2-1$	846392	G	$-9+(8*(-7-65-43))^2+1$
759986	G	$-9+(8*76/5^4-4-3)*2+1$	849994	G	$((98*7-6)*5^4-3)*2*1$
760004	G	$9+(8*76*5^4-3)*2+1$	850006	G	$((98*7-6)*5^4+3)*2*1$
761507	G	$98*(-7+6^5)+(4*3)^2+1$	850815	G	$-9*(8-76*(5^4-3)*2+1)$
761657	G	$-98*(7-6^5-4+3-2)+1$	855117	G	$9*(8+(76*5^4+3)*2-1)$
763210	G	$-98*(7-6^5)+43^2-1$	857274	G	$-98+(76*5/4)^3-2-1$
763657	G	$9+8*76*(5^4+3)*2*1$	857278	G	$-98-((76*5/4)^3-2)-1$
765552	G	$-9*8+(7*(6-(5-4)))^3)^2-1$	859777	G	$-9+(87+6)*5^4+3^2+1$
765590	P	$-(9-87*(6^5+4^4(3+2)))^2-1$	860000	G	$(9-8+7*6)/(5^4-4/(32*1))$
765876	G	$-9*(87+((6-5)*4)^3)+2+1$	860063	G	$-98+7*6*5^4*(3^2+1)$
765892	P	$9*-(87-((6+5)*4)^3-2)+1$	860089	G	$-9*8-7*6*5/-4^4(3^2-2)+1$
766753	G	$98*(7-(-6^5-43)-2)+1$	860101	G	$-9-8-7*6*(-5*4^4(3^2+1))$
767538	G	$-98+(7+6)*(5+4)^{(3+2)}-1$	860150	P	$-(9+8)-7*(6*5/-4^4(3^2-2)-1)$
767934	G	$-9-8*(7-6/(5^4)^{-3*2})-1$	860166	P	$-(9-8)-7*(6*5/-4^4(3^2-2)-1)$
768055	P	$-9-8*(-7+6/(5^4)^{-3*2+1})$	860353	P	$-(9+8)-7*6*5*(-4^4(3^2-2)-1)$
771244	G	$((9+8*76)*5^4-3)*2*1$	860369	P	$-(9-8)-7*6*5*(-4^4(3^2-2)-1)$
771256	G	$((9+8*76)*5^4+3)*2*1$	862500	G	$(9+8*7*6)/(5^4-4/(3+2-1))$
774057	G	$-9*8-7*((6-54)^3+2)-1$	863894	G	$-98-7-(6*5^4-4)^3/2-1$
774061	G	$-98-7*((6-54)^3-2)+1$	863903	G	$-9-87-(6*5^4-4)^3/2-1$
774085	G	$-9-8*7*((6-54)^3-2)-1$	864957	G	$(-9+8*76)*5^4+3^2+1$
774136	G	$-9+8*7*6*(5+43)^2+1$	864994	G	$((98*7+6)*5^4-3)*2*1$
777351	P	$-9-8*(-7^6-5*4^4(3^2+1))$	865006	G	$((98*7+6)*5^4+3)*2*1$
779279	P	$-(9/(8-7))^6+5*4^4(3^2*2+1)$	868672	G	$(-9+87)*6^5+4^4(3^2*2+1)$
781236	P	$-9-((-8+7+6)*5)^4+3)^2+1$	870816	G	$-9+(8*7*6-6^5+43)*2-1$
783087	G	$-9+8*(7^6+5^4(4+3))/(2*1)$	871302	G	$-9+8*(7*(6^5+4)-3)*2-1$
783105	G	$9+8*(7^6+5^4(4+3))/(2*1)$	871358	P	$-9+(8*7*(-6^5-4)+3)^2+1$
790313	G	$-9+(8-(7+6)*(5+4^3))^2+1$	871398	P	$-9-8*(-7*(6^5+4)+3)*2-1$
791542	P	$-9-(8+765)/4^4(-3-2)-1$	873871	G	$-9-8*7*(-6/(54-3)^{-2+1})$
792197	P	$(-98-7+6)*-((5*4)^3+2)-1$	875319	G	$-9-8*(-7*(6+5^4(4^3/2))+1)$
794154	G	$9*(-8-7^6+5)/-4^3+2+1$	875383	G	$-9-8*7*(-6-5^4(4^3/2)-1)$
801017	G	$-9+(8-7*(65+4^3))^2+1$	875747	P	$(9-8*7*(-6^5+43))^2+1$
802808	G	$-9+(8*7*(-6+54)/3)^2+1$	881270	P	$-9-8*765^4-(4*3)^2-1$
804512	G	$-98+((7+6)*(5+4^3))^2+1$	881713	P	$-(9-(-8*(-7-6)*(5+4)+3)^2+1)$
808982	P	$-987-(-6*5)^4+32+1$	882142	P	$-(9-8^7)+6*5^4*3-2-1$
809046	G	$-987+(6*5)^4+32+1$	882366	G	$((-9+8*7^6)*5+4)^3/2*1$
809422	G	$-9+8*(7+6^5)*(4+3^2)-1$	883550	P	$(-9-876)-5*(4^4(3+2)+1)$
809488	P	$-(9*8*7-(6*5)^4)-3^2+1$	885722	P	$(9^4(-8-7)+6)*5-4)^3-2+1$
809506	P	$-(9*8*7-(6*5)^4)+3^2+1$	885724	P	$(9^4(-8-7)+6)*5-4)^3+2-1$
810131	G	$-9*(-8-7)+(6*5)^4-3-2+1$	885746	P	$(9^4(-8-7)+6)*5+4)^3-2+1$
810133	G	$-9*(-8-7)+(6*5)^4-3+2-1$	885748	P	$(9^4(-8-7)+6)*5+4)^3+2-1$
810678	P	$-(-98*7-(6*5)^4)-3^2+1$	885815	G	$-9+(8+7)*(6+(5+4)^{(3+2))}-1$
810696	P	$-(-98*7-(6*5)^4)+3^2+1$	887391	G	$-9-8*765*((4*3)^2+1)$
810775	P	$-(-9*87-(6*5)^4)-3^2+1$	891126	G	$-9+(8*(7-(6-5+4)^3))^2-1$
810793	P	$-(-9*87-(6*5)^4)+3^2+1$	892288	G	$-9+(-8+7*6)*5^4(3^2+1)$
810956	P	$987-((-6*5)^4+32)+1$	892920	P	$-9+(-8-7*6*5)^4*(3^2+1)+1$
811793	G	$-9+(-8*(7-6*5*4)-3)^2+1$	896182	P	$-9-8*(-7^6-5^4/3^2-2)-1$
814310	P	$-9-87*65^4-(4*3)^2-1$	902134	P	$-(9-(87+5)/4^4(-3-2))-1$
816908	G	$(98+7)*(6^5+4)+3^2-1$	902492	G	$-9+(87*(6+5)-4-3)^2+1$
817208	G	$-9+(8-76*(5+4+3))^2+1$	906294	G	$-9+(8*7*(6-(5*4+3)))^2-1$
818328	G	$(-98-7)*-6^5+43^2-1$	907182	P	$-(9+8)-7*(-6*5*4*3)^2-1$
819017	G	$-9+(8+(7+6)*(5+4^3))^2+1$	907190	P	$-(9+8)-7*(-6*5*4*3)^2-1$
819321	P	$9-8*(-7+6+(5/4^4-3))^2+1$	907208	P	$-(9+8)-7*(-6*5*4*3)^2-1$
819391	G	$-9-8*(-7*((6+5)^4-3^2)-1)$	908376	G	$-9-8*(-7^6+5+4^4(3^2+1))+1$
820399	G	$-9+8*(7*((6+5)^4+3^2+1))$	908456	P	$-9-8*(-7^6+5-4^4(3^2+1))+1$
821240	G	$-9+876*5^4*3/2-1$	911226	P	$-9+(8+7)-(6*5)^4/(3^2-2-1)$
821241	G	$-9+876*5^4*3/2*1$	911267	G	$9/8*(7+(6*5)^4+3^2)-1$
821678	G	$-9+8*7*((6+5)^4+32)-1$	911329	P	$-(-9*8-7)-(6*5)^4/(3^2-2-1)$
823878	G	$(9+8*7)^4(-6+5+4)^3+2+1$	912015	G	$-9+((8+7)*(65-4/3))^2-1$
827384	G	$-9+(8-7*6*5)^4-3^2+1$	924835	P	$-((-9-8)*7*(6^5-4)+32)-1$
831647	G	$-98+(76*(-5-4-3))^2+1$	924878	G	$(-9-8)*7*(-6^5+4)+3^2+1$
831736	G	$-9+(8*(76-5+43))^2+1$	925403	P	$(-9-8)*-7*(6^5+4)-3*(2+1)$
832499	G	$(9*-8-76)/5^4-4*-3^2-1$	925694	G	$-9-8/-7*((6*5)^4-3^2)-1$
839902	G	$-98+7*6/(5^4-4/(32*1))$	925708	G	$-9-8/-7*((6*5)^4+3/2)+1$
840016	G	$9+8+7*6*5^4*32-1$	925710	G	$-9-8/-7*((6*5)^4+3+2)-1$
840099	G	$98+7*6*5^4*32+1$	931831	G	$-9+8*7*((65+4^3)^2-1)$
840246	G	$-9+(8-7*6*-5^4)*32-1$	932058	G	$-9+(-8^7-6+5)*4^4-3^2-2-1$

933085	G	$-9*8+(7*6*(5*4+3))^2+1$	973992	P	$-9-8^*(7^6+5+4^3(3^2))+1$
934316	G	$-9*(8+(7-6*(5+4))^3+2)-1$	975734	G	$-9+8*7*((6+5)*4^3)^2-1$
935557	G	$-9+8*7^6-5^4*3^2-1$	976554	G	$-9-((8-(7+6))^5+4^3-3)/2-1$
935559	G	$-9+8*7^6-5^4*3^2+1$	978733	G	$9*(87*6/5^4-4/3-2)+1$
936058	G	$-9+(8*7^6-5*(4^3(3+2)+1))$	978743	G	$-9+87*6*5^4*3+2*1$
936152	P	$9-8^*(7^6-5^4-3^2)-1$	979825	G	$(98+7*6^4(-5+4*3))/2*1$
936359	P	$(-(-9-8)-7)/(6*(5+4+3))^2-1$	980558	G	$9*(87-6^4*5*(-4*3-2))-1$
936512	G	$-987+6/5^4(-4-3)^2-1$	980641	P	$-9*(8-7^6)-5^4(-4-3)+2+1$
937378	G	$-9+(8*7-6/5^4(-4-3))^2-1$	983086	G	$-9+8*(7-6^4-5/4^3(3^2-2))-1$
937460	G	$-9-(8+7-6*5^4(4+3))^2-1$	984136	G	$-9+8*7*((6*5-4)^3-2)+1$
937470	G	$-9-8+(-7-6^4-5^4(4+3))^2+1$	985175	P	$-(9-8^4)-6^4*5*(4^3)^2-1$
937496	G	$-9-8-(-7-6*5^4(4+3))^2-1$	986244	G	$((9*87+6)*5^4-3)^2*1$
937553	P	$-(9-8*7)+6*(5^4(4+3)^2+1)$	990096	G	$-9+8*((7+6)^5-4)/3+2-1$
937686	G	$-9-8*(-7^6+5+432)-1$	993261	G	$-9^8-7*6*5^4(3^2+1)$
937766	G	$-9+8*(7^6+5)-432-1$	994440	G	$-9+(8+(-7+6^5)/4^3-3)^2+1$
938702	G	$-9+8*(7^6-5*(4^3-2))-1$	994840	P	$-(9+(8+7-6^5*4)^32)+1$
939375	P	$-(9-8*(7^6+5))-43^2+1$	995031	G	$-9*8+(-7+6^5*4)^32-1$
939904	G	$9+8*(7^6-5^4*3)-(2-1)$	995088	P	$-(9+8-(-7+6^5*4)^32)+1$
939945	G	$9+8*7^6-(5^4+3)^2*1$	995217	G	$-98-(7-6^5*4^3)^2+1$
940118	G	$-9*(8*(7^6-(5+4*32))-1)$	995401	G	$(9+8)*(7^6-5^4*3)^2*1$
940184	P	$(9*8-7^6+5^4)^3-(3^2-1)$	995627	G	$(9+8*7^6)*5^4*3+2*1$
940494	G	$-9-8*(-7^6+5+432)-1$	995798	G	$-9+(8+7+6^5*4)^32-1$
940888	P	$-(9-8*(7^6-5-4^3/2))+1$	996232	G	$-9+(8+(7+6^5)/4^3-3)^2+1$
941908	G	$-9*(-8*7^6-5*((4*3)^2+1))$	996687	G	$(9+8*7^6)*5^4*3+2*1$
941922	P	$9-8^*-7^6-5^4-(4^3)^2+1$	997238	G	$-9+(8+(7+6^5))^4*3^2-1$
942166	G	$-9+(8*(7^6-(5-4*32))-1)$	998459	G	$9/(8+7)*(6*5^4*3)^2-1$
942409	P	$-(9-8*7^6)+5*(4+3)^2+1$	998744	G	$(9+8-7)^6-(5^4+3)^2*1$
942457	G	$9+8*7^6+(5^4+3)^2*1$	998756	G	$(9+8-7)^6-(5^4-3)^2*1$
943822	G	$-9+8*(7^6+5*(4^3+2))-1$	999532	G	$(9+8)*(7^6-5^4-3)/2*1$
944244	G	$9*8^*-7*(-6*5^4+3)/(2*1)$	999583	G	$(9+8)*(7^6-5^4+3)/2*1$
944598	P	$-9-8^*-(-(-7^6+5)+432)-1$	1000450	G	$(9+8)*(7^6+5^4-3)/2*1$
944916	G	$9*(8+7)+6*5^4(3-2)-1$	1000501	G	$(9+8)*(7^6+5^4+3)/2*1$
944927	G	$-9*8-7*(6*5)^4/(-3^2)-1$	1000518	G	$(-9-8)*(-7^6+5-4^3)/(2*1)$
944932	G	$(9*(8+7)+6*(5^4+3+2))+1$	1001244	G	$(9+8-7)^6+(5^4-3)^2*1$
944990	P	$-(9+8)-7*((6*5)^4/(-3^2)-1)$	1001256	G	$(9+8-7)^6+(5^4+3)^2*1$
945318	G	$-9-8*(-7^6-5)+4^4(3^2)-1$	1002184	G	$-9-(8+(7-6^5)*4^3+2+1)$
945510	G	$-9+8*(7^6+5^4)-2-1$	1002574	G	$-9+8*(7+(6*(-5+4^3))^2)-1$
945928	G	$-9+8*(7^6+5^4)-32+1$	1002783	G	$(9-(8^*-7-6^5)^4)^32-1$
946150	G	$-9-(-8*(7^6+5^4)+32)-1$	1003013	G	$-98+(7+6^5*(4^3+2+1))$
946158	P	$-9-8*(7^6+5^4)+3-2+1$	1003102	G	$(9+8)*(-7^6+(5+4)^3(3+2)-1)$
949098	P	$(-9-87)^6-(6-(5+4))-3)^2*1$	1003151	G	$-9+(8*7+6^5*(4^3+2+1))$
949110	P	$(-9-87)^6-(6-(5+4))+3)^2*1$	1004632	G	$(9+8)*(7^6+5^4+3)/2*1$
949343	G	$-9+8*(7^6-(5-4^3(3+2))+1)$	1008153	G	$-9*(8-7^6+5^4/3^2-2-1)$
949423	G	$-9+8*(7^6+5+4^3(3+2)+1)$	1014754	G	$-9+(87*6^5-4)^3/2+1$
950174	G	$-98-(7-65)^4(3^2+1)$	1015282	G	$-9+87*(6^5+4)^3/2+1$
950423	G	$-9+(8*7^6+5*(43^2-1))$	1015569	G	$-9-(8-(7+6)*5^4(4+3)-2-1))$
951452	G	$((9+8)*7^6-5-4^3(3^2+1))$	1015583	P	$-(9+8)+(7+6)*5^4(4+3)-2+1$
953124	P	$-(9+8-7)^6-5^4(4+3+2))-1$	1015595	G	$-9-(8-(7+6)*5^4(4+3)-2+1)$
953126	P	$-(9+8-7)^6-5^4(4+3+2))+1$	1015635	P	$-(9+8)+(7+6)*5^4(4+3)+2+1$
959013	G	$-987+6*(5^4)^3(3+2)-1$	1016046	P	$-(9+8)+(7*(-6+5^4)^3)^2-1$
959909	P	$-98+7-6^4-(5^4)^3(3+2)-1$	1023486	P	$-(9+8)+(7+6)*5^4(3/2-1)$
959935	G	$-9-8*(7-6/(5^4-4/32))^2*1$	1023506	G	$-98*(7-6^5)+4^3(2*1)$
960006	G	$-9+8+7+6*(5^4)^3(3+2)-1$	1025507	P	$-(9-8)-(7-6^5)^4*(32+1)$
960047	G	$-9+8*(7+6/(5^4-4/32))^2*1$	1026161	G	$-9+(8*(7-6^4-5^4)-3)^2+1$
960048	G	$-9+8*(7+6/(5^4-4/32))+1$	1026918	P	$-9+(-8-7-6^5*4)^3-(32+1)$
960078	P	$-9+87-6^4-(5^4)^3(3+2)-1$	1032960	P	$9-87*(6^5+4^3(3^2+1))$
960135	G	$9*(8+7)+6*(5^4)^3(3+2)-1$	1038353	G	$-9+(8*(7+6^5*4)+3)^2+1$
960849	G	$(-9+87*6)*5^4(3-2)^2*1$	1040303	G	$-98+(765*4/3)^2+1$
960954	G	$((9+8)*7^6-5^4(4+3))/(2*1)$	1040408	G	$9+((-8-7)*6+5)^4(3^2)^2-1$
960999	G	$-9*(-8+7/6)*5^4(4^3/2+1)$	1042026	G	$-9+(8-7+6)^5*5^4(4^3-2)+1$
961873	G	$(-9+87*6)*5^4*3-2*1$	1047016	G	$(-9-(8+7))^6+5^4(3^2+1)$
961877	G	$(9-87*6)*5^4*3+2*1$	1047631	G	$9*(-8-(7+6))^5+4^3(3^2+1)$
962901	G	$(-9+87*6)*5^4(3+2)^2*1$	1048317	G	$-9-(8+7*6)*5^4+4^3(3^2+1)$
963414	G	$(-9+87*6)*5^4(3+2+1)$	1049845	G	$9*(8+7)*6^5+43^2-1$
967446	P	$(-9-8*7^6-(5^4*3)^2)+1$	1053901	G	$-9*(8-(7^6-5^4)-2)+1$
971244	G	$((9*87-6)*5^4-3)^2*1$	1054669	P	$-(9*(8-7^6)+5)-4^3(3^2)+1$
971256	G	$((9*87-6)*5^4+3)^2*1$	1054813	P	$-(9*(8+7^6)+5)-4^3(3^2)+1$
971995	P	$-(-9/(8+7))/(6*5)^4(-4+3)^2+1$	1054837	G	$-9*(8-(7^6-5-432))+1$
973911	G	$-9-8*(-7^6+5-4^3(3^2))^2*1$	1055019	G	$-9*(8-7^6+5^4/3^2(2*1))$
973912	G	$-9-8*(-7^6+5-4^3(3^2))+1$	1055163	G	$9*(8+7^6-5^4/(3/2*1))$

1056087	P	$9^*(8+7^6+(5^4+3)/-(2^*1))$	1138983	G	$-9+8^*(7^*(6+5)/43^{\wedge}-2+1)$
1057657	G	$9^*(8+7^6)-(5^4+3)^*2^*1$	1140135	G	$9^*(8^*(76^*5^4/3+2)-1)$
1057669	G	$9^*(8+7^6)-(5^4-3)^*2^*1$	1141988	G	$(-9+87)^*(6+5)^{\wedge}4-3^{\wedge}2-1$
1057969	G	$(-98+7^6)^*(5+4)+3^{\wedge}2+1$	1142000	G	$(-9+87)^*(6+5)^{\wedge}4+3-2+1$
1059081	G	$-9^*(8-7^6-5^*(4+3))-2-1$	1156712	G	$-9+(((8-7^6)-5)^{\wedge}4+3)/2-1$
1060157	G	$9^*(8+7^6)+(5^4-3)^*2^*1$	1159649	P	$-(9-8^{\wedge}7)-6^*(5^{\wedge}(4+3)^*2-1)$
1060169	G	$9^*(8+7^6)+(5^4+3)^*2^*1$	1170264	P	$-(9+8)+7^*(6^{\wedge}5^*43/2-1)$
1061595	G	$-9^*(8-(7^{\wedge}6+(5^4+3)/(2^*1)))$	1171654	G	$(9+8)^*(7+6^*5+4)^{\wedge}3-2-1$
1061879	G	$(98-7)^*((6^{\wedge}5+4)^*3/2-1)$	1171656	G	$(9+8)^*(7+6^*5+4)^{\wedge}3-2+1$
1062519	G	$-9^*(8-7^6-5^4/3*(2^*1))$	1175773	G	$((9^*8-7^6)^*-5+4-3)^*2+1$
1062613	G	$-9^*(8-(7^6-5)-432)+1$	1175899	G	$((9^*8-7^6)^*-5+4^{\wedge}3)^*2+1$
1062663	G	$9^*(8+7^6+5^4/(3/2^*1))$	1176295	G	$((-9-8+7^6)^*5-4^*3)^*2-1$
1064464	G	$-9+8+(7^6+5^4)^*3^{\wedge}2-1$	1176438	G	$(9+8+7^6*5-43)^*2^*1$
1064468	G	$9-8+(7^6+5^4)^*3^{\wedge}2+1$	1176720	G	$(9^*8+7^6*5+43)^*2^*1$
1064568	G	$9^*(8+7^6-(-5^4-3))+2+1$	1176721	G	$(9^*8+7^6*5+43)^*2+1$
1065014	G	$-9+(8^*(7^*6+5-4)^*3)^{\wedge}2-1$	1176772	G	$(98+7^6*5+43)^*2^*1$
1068218	G	$-9+(8^{\wedge}7+(6^*5+4)^{\wedge}3)/2-1$	1176814	G	$(98+7^6*5+4^{\wedge}3)^*2^*1$
1074537	G	$9^*(8+7^6)+5^{\wedge}(4^*3/2)-1$	1179550	G	$-98+(7+65)^*4^{\wedge}(3^*2+1)$
1074914	G	$9^*(8+7^6)+(5^4)^{\wedge}3^*2+1$	1179999	G	$(9+8-76)^*-5^{\wedge}4^*32-1$
1078547	G	$(9-876)^*(5^4-3)^*-2-1$	1181015	G	$-9+(-8-7)^*(-6-5^{\wedge}4^3)/2-1$
1078549	G	$(9-876)^*(5^4-3)^*-2+1$	1183736	G	$-9+(8^*(76-5^*-4^*3))^{\wedge}2+1$
1078914	G	$9^*(8+7^6)+5^{\wedge}4^*32+1$	1185000	G	$(9^*-8-7)^*6/(5^{\wedge}-4/(-3-2+1))$
1079513	P	$-(9-((-8-7)^*65-4^3)^{\wedge}2)+1$	1187407	P	$-(9+8)-76^*(-5^{\wedge}(4^*3/2)+1)$
1081592	G	$-9+(8^*(7-6^*-5^*4+3))^{\wedge}2+1$	1192446	P	$-(9+8-(7^*(6-5^*4^3))^{\wedge}2)-1$
1085014	G	$9^*(-8+7^6)+(5^4)^*3^{\wedge}2+1$	1192611	G	$(-9-8+7^*((-6-5)^4)^{\wedge}3)^*-2+1$
1085068	G	$((9+8-7^6)^{\wedge}5+4)^*-3^{\wedge}2-1$	1193062	P	$-9+(-8/7)^{\wedge}-6+5)^*4^{\wedge}(3^{\wedge}2^*1)$
1086895	G	$-9^*(8-7^6-5^4(4-(-3+2)))+1$	1195749	G	$(9^{\wedge}(8-7+6)-5)/4+3^{\wedge}2-1$
1088951	G	$(9-876)^*(5^4+3)^*-2-1$	1199017	G	$-9+((8+7)^*(6^*5+43))^{\wedge}2+1$
1088953	G	$(9-876)^*(5^4+3)^*-2+1$	1199748	P	$-(9+8)-7^*(-(6^*(5+4^3))^{\wedge}2+1)$
1091599	G	$-9-8^*7^*(-6/(5+3)^{\wedge}-2+1)$	1199778	P	$-(9-8)+7^*((6^*(-5-4^3))^{\wedge}2+1)$
1093593	G	$-9^*8-7^*(6-5^{\wedge}(4+3))^*2-1$	1201724	G	$(987-6)/(5^*(-4-3))^{\wedge}-2-1$
1093640	G	$-9-(8+7^*(6-5^{\wedge}(4+3)))^*2-1$	1202680	G	$-9+87^*6^*(5+43)^{\wedge}2+1$
1093656	P	$-(9+8)-7^*((6-5^{\wedge}(4+3))^*2-1)$	1203322	G	$-9+8^*7^6-5+4^{\wedge}(3^{\wedge}2^*1)$
1093672	P	$-(9-8)-7^*((6-5^{\wedge}(4+3))^*2-1)$	1209990	G	$-9+(8-7^*(6-5^4)^3)^{\wedge}2-1$
1093735	G	$-98+7^*(6+5^{\wedge}(4+3))^*2-1$	1211250	G	$(9+8)^*76^*5^4*3/(2^*1)$
1093749	G	$((9-8)+7+6)^*5^{\wedge}(4+3)-2+1$	1214396	G	$-9+(87^*(6-5^*-4/3))^{\wedge}2+1$
1093840	G	$-9+(8+7^*(6+5^{\wedge}(4+3)))^*2-1$	1215974	G	$-9-(8-76/(5^4)^{\wedge}-3)^*2-1$
1094986	G	$-9+(876^*5^4-3)^*2+1$	1216059	G	$-9-(8-76^*((5^4)^{\wedge}3^*2+1))$
1098296	G	$-9+(8^*(7-6^*(5^*4+3))^{\wedge}2+1$	1218806	G	$-9+((8-76^*5+4)^3)^{\wedge}2-1$
1098494	G	$-9+(8+(76+54)^{\wedge}3)/2-1$	1220364	G	$(987-6)^*(5^4-3)^*(2^*1)$
1100939	G	$(9+876)^*(5^4-3)^*2-1$	1224703	P	$-(9+8)+7^*6^{\wedge}5*(43/2+1)$
1100941	G	$(9+876)^*(5^4-3)^*2+1$	1226244	G	$((987-6)^*5^4-3)^*2^*1$
1101825	G	$(9+876)^*((5^4-3)^*2+1)$	1226256	G	$((987-6)^*5^4+3)^*2^*1$
1106244	G	$((9+876)^*5^4-3)^*2^*1$	1230185	G	$((-9^*(8+7))^{\wedge}(-6+5+4+3))/-2-1$
1106256	G	$((9+876)^*5^4+3)^*2^*1$	1230187	G	$((-9^*(8+7))^{\wedge}(-6+5+4+3))/-2+1$
1109385	G	$-9^*(8-7^6-5^4/3^{\wedge}-2+1)$	1230188	G	$((9^*(8+7))^{\wedge}(-6+5+4+3)/2-1$
1109403	G	$-9^*(8-7^6-5^4/3^{\wedge}-2-1)$	1230190	G	$((9^*(8+7))^{\wedge}(-6+5+4+3)/2+1$
1110950	P	$-(9+8)+(-7+6^{\wedge}5)^*((4^*3)^{\wedge}2-1)$	1232090	G	$-9+((8-7^*6)^*(5+4))^3)^{\wedge}2-1$
1110966	P	$-(9-8)+(-7+6^{\wedge}5)^*((4^*3)^{\wedge}2-1)$	1232136	G	$(987-6)^*(5^4+3)^*(2^*1)$
1111559	G	$(9+876)^*(5^4+3)^*2-1$	1235292	G	$(987+6)^*(5^4-3)^*(2^*1)$
1111561	G	$(9+876)^*(5^4+3)^*2+1$	1241256	G	$((987+6)^*5^4+3)^*2^*1$
1111992	P	$-((-9+8)-7)-6^{\wedge}5^*(-(4^*3)^{\wedge}2+1)$	1244432	G	$-9+8^*(7+6^*5^4)^*(3+2)+1$
1112015	G	$-9-(-8^*7-6^{\wedge}5^*((4^*3)^{\wedge}2-1))$	1245041	G	$(9^*87+6)^{\wedge}(-5+4+3)^*2-1$
1112977	P	$(-9+8^*7-6^{\wedge}5)/-(4^*3)^{\wedge}-2+1$	1247208	G	$(987+6)^*(5^4+3)^*(2^*1)$
1113653	G	$(-9^*8+(7+6)^{\wedge}5-4)^*3+(2^*1)$	1247671	G	$-9-8+(7/(6^{\wedge}5+43))^{\wedge}-2-1$
1114108	G	$(-9^*8-((7+6)^{\wedge}5+4))^*-3+2-1$	1247673	G	$-9-8+(7/(6^{\wedge}5+43))^{\wedge}-2+1$
1119342	P	$-9+8^*(-(7+6^*-5)^{\wedge}4+3)/-2-1$	1250047	G	$-9+8^*(7+6^*5^{\wedge}(4+3)/(2+1))$
1120736	G	$-9-(8+(-7-6^{\wedge}5)/(4^*3))^{\wedge}-2-1$	1251206	G	$-9+8^*(76+5^{\wedge}(4+3))^*2-1$
1121896	G	$-9-(-8-7-6^{\wedge}5)^*(4^*3)^{\wedge}2+1$	1254518	G	$-9+(8^*(76+5/4^{\wedge}-3)^{\wedge}2-1)$
1127298	G	$-9+(8^{\wedge}7-(-6^*(5+4))^{\wedge}3)/2-1$	1259848	G	$9^*(8+7+6^{\wedge}(-5+4^*3)/2)+1$
1127333	P	$-(9+8)+7^*((6+5)^{\wedge}(4+3-2)-1)$	1260504	G	$9^*(87+6^{\wedge}(-5+4^*3)/2+1)$
1127415	P	$-(98+7)-6^{\wedge}5^*(-(4^*3)^{\wedge}2-1)$	1269359	G	$(9-(8+7-6)^{\wedge}5)^*-43/2-1$
1127441	P	$-(9^*8+7)-6^{\wedge}5^*(-(4^*3)^{\wedge}2-1)$	1272366	P	$-(9+8)+((76^*5-4)^3)^{\wedge}2-1$
1127514	P	$-((-9-8)+7)-6^{\wedge}5^*(-(4^*3)^{\wedge}2-1)$	1277943	G	$-9-8^*7^*((6/5^*4/3)^{\wedge}-2-1)$
1127798	P	$-((-9-8^*7+6^{\wedge}5)/(4^*3)^{\wedge}-2)-1$	1280763	P	$98^*7^*-(-6-(5^4*3-2))+1$
1128518	P	$-((-9+8)+(-7-6^{\wedge}5)^*(-(4^*3)^{\wedge}2-1)$	1282232	G	$-98^*(7^*(6-5^{\wedge}4^*3)-2+1)$
1128534	P	$-((-9+8)+(-7-6^{\wedge}5)^*(-(4^*3)^{\wedge}2-1)$	1282401	G	$-9^*(8-76/5^{\wedge}-4^*3+2+1)$
1133990	G	$-9-(8-7^*((6^*5)^{\wedge}4/(3+2)+1))$	1282410	G	$-9^*(8-76/5^{\wedge}-4^*3+2)^*1$
1136891	G	$-9^*(8-7^6)+5^{\wedge}(4+3)-2-1$	1282428	G	$-98^*(7^*(6-5^{\wedge}4^*3)-2-1)$
1136893	G	$-9^*(8-7^6)+5^{\wedge}(4+3)-2+1$	1283506	G	$-98^*(7^*(6-5^{\wedge}4^*3-2)^*1)$

1285859	G	$-98+(7*6*(-5-4)*3)^2+1$	1397920	G	$-9+(8^7-65*4)/3*2+1$
1287133	P	$-(9-8^7)-((6*5)^4+3^2)-1$	1398076	G	$-9+(8^7-6-5*4)/3*2+1$
1287150	G	$-9+8^7-((6*5)^4-3*2-1)$	1400003	G	$(9+8-7)^6/-5*(-4-3)+2+1$
1287174	G	$-9-(-8^7+(6*5)^4)+32-1$	1400824	G	$-9+8*76*(5+43)^2+1$
1287176	G	$-9-(-8^7+(6*5)^4)+32+1$	1401846	G	$-9+(8+7*(6+54*3))^2-1$
1292425	G	$98*7*6*(5^4+3)/2+1$	1404629	G	$9*((-8-7)^6+5^4(4+3))^2-1$
1295934	G	$-9+8*(-7+(6*5)^4/(3+2))-1$	1411336	G	$-9+((8*(-7-6)+5)^4*3)^2+1$
1295997	G	$(-9+8+7)/(6+54)^{-3-2-1}$	1411829	G	$98+(7^6-5)^4*3+2+1$
1300844	G	$-9876+5*4^4(3^2*1)$	1411868	G	$9+8+(7^6+5)^4*3+2+1$
1305480	G	$9*8*(-7*(-6^5+4)/3-2-1)$	1411922	G	$9*8+(7^6+5)^4*3+2*1$
1305798	G	$-9+8*7*((6^5-4)^3+2)-1$	1411949	G	$98+(7^6+5)^4*3+2+1$
1305912	G	$9*8*(-7*(-6^5+4)/3+2+1)$	1413574	G	$-9+8*(7^6+(5+4)^(3+2))-1$
1306262	G	$-9-(8*(7*6^5-4)^{-3+2})+1$	1413583	G	$-9+8*(7^6+(5+4)^(3+2)+1)$
1306918	P	$-9-8*7*(-(6^5+4)^3+2)-1$	1414548	G	$-9+((8-(7+6*5))^4-3)^2+1$
1307142	G	$-9+8*7*((6^5+4)^3+2)-1$	1415146	G	$((98-7)^6*5-43)^2*1$
1309727	G	$-987-6+5*4^4(3^2*1)$	1415249	P	$-(9-8)+765*(4^3+2+1)$
1309739	G	$-987+6+5*4^4(3^2*1)$	1423655	G	$(-9+87)^{-6+5+4}3-2+1$
1309835	G	$-9-876+5*4^4(3^2*1)$	1423657	G	$(-9+87)^{-6+5+4}3+2-1$
1309943	G	$-9*87+6+5*4^4(3^2*1)$	1430831	P	$-9-8*-(7-6^5*(4*3*-2+1))$
1310040	G	$-98*7+6+5*4^4(3^2*1)$	1433412	G	$9*-8*((7^6-54^3)/2-1)$
1310103	G	$-9-8*76+5*4^4(3^2*1)$	1434127	G	$98*(-7+(6+5)^4)-3*2+1$
1310189	G	$-9-87*6+5*4^4(3^2*1)$	1434136	P	$98*(-7-(6+5)^4)+3+2-1$
1310375	G	$-9-8*7*6+5*4^4(3^2*1)$	1434140	G	$-98*(7-(-6-5)^4)+3^2-1$
1310546	G	$-98-76+5*4^4(3^2*1)$	1441285	G	$98*((7^6-5)/4+3)/2-1$
1310580	G	$-98-7*6+5*4^4(3^2*1)$	1441287	G	$98*((7^6-5)/4+3)/2+1$
1310606	G	$-9*8-7*6+5*4^4(3^2*1)$	1445796	P	$-(-9*(8+7^6)-(5^4-3)^2)-1$
1310609	G	$-98-7-6+5*4^4(3^2*1)$	1465511	G	$-9+8*(7^6+5+4^4(3^2-1))$
1310618	G	$-9-87-6+5*4^4(3^2*1)$	1468934	G	$-9+((8*7*-6+5+4)/3)^2-1$
1310623	G	$-98+7-6+5*4^4(3^2*1)$	1469327	G	$-9-8*(7*(6-(54*3)^2)-1)$
1310627	G	$-9-8-76+5*4^4(3^2*1)$	1469611	G	$9*(8+(7*6^5-4)^3-2)+1$
1310643	G	$-9+8-76+5*4^4(3^2*1)$	1472965	G	$-9-8^7+65^4/(3+2)+1$
1310664	G	$-98+7*6+5*4^4(3^2*1)$	1474237	G	$-9-(8-7-6)*543^2+1$
1310667	G	$9-8*7-6+5*4^4(3^2*1)$	1475163	G	$9*(87*6*(5^4+3)/2-1)$
1310703	G	$-9-8/(7-6)+5*4^4(3^2*1)$	1478648	G	$-9+(8*76*(5-(4+3)))^2+1$
1310793	G	$9*8+7-6+5*4^4(3^2*1)$	1482742	G	$-9+8^7-6*(5/4^4-3)^2-1$
1311047	G	$-9+8*7*6+5*4^4(3^2*1)$	1483516	G	$-9+(8*7*(-6-5/4)^3)^2+1$
1311233	G	$-9+87*6+5*4^4(3^2*1)$	1485456	G	$(-9*8+(-7-6)^5)^{-4-(3+2)+1}$
1311319	G	$-9+8*76+5*4^4(3^2*1)$	1492648	G	$-9-8*(7-6^5*4)^3*2+1$
1311587	G	$-9+876+5*4^4(3^2*1)$	1492888	G	$9-8*(7-6^5*4*3)^2-1$
1312190	G	$-9-(8*-7+6)^5(54*3)^2-1$	1492926	G	$-9-8*(7-6^5*4*3*2)-1$
1312407	P	$-9+(-8-76)^{-5-(4*3/2)-1}$	1493114	G	$9-8*(7+6^5*4*3)^{-2+1}$
1326272	G	$(-9-8)*(7^6-5^4)/-3*(2*1)$	1493318	G	$-9-8*(-7-6^5*4)^3*2-1$
1326798	G	$(-9-8)*((76-5^4(4+3))+2)-1$	1500583	G	$-9+((8-7+6)^5)^4-32-1$
1327094	G	$-9+((8+76*5-4)^3)^2-1$	1500585	G	$-9+((8-7+6)^5)^4-32+1$
1327376	G	$(-9-8)*((7*6-5^4(4+3))+2)-1$	1505519	G	$-9+(((87-6)^5+4)^3)^2-1$
1327394	G	$(-9-8)*(7*6-5^4(4+3)+(2-1))$	1507230	G	$-98-(7-6^5)^4(3^2-1)$
1327500	G	$(9+87*6)/(5^4-4/(3+2)-1)$	1511970	P	$-(9+8)+7*((6+54)^3-2)+1$
1328115	G	$-9+(-8+7*6)^5(4+3)/2-1$	1511992	G	$-9-8*7/(6*5)^4(-4-(-3+2))+1$
1331170	P	$-(9+8)+(-7-6)*(-5/4^4-3)^2+1$	1517814	G	$-9+(8*7*(65-43))^2-1$
1331188	P	$-(9+8)+(-7-6)*(-5/4^4-3)^2+1$	1519902	G	$-98+76*5^4*32*1$
1333296	P	$((-9-8)*(-7^6+5)+4)/(-3/2*1)$	1519927	G	$9*-8+76*5^4*32-1$
1333356	G	$((9+8)*7^6+(5-4))/(3/2*1)$	1519928	G	$9*-8+76*5^4*32*1$
1333772	G	$((-9-8)*7^6-5^4)/-3*(2*1)$	1519982	G	$-9-8+76*5^4*32-1$
1334017	G	$-9+((8+7)*(65+4*3))^2+1$	1519983	G	$-9-8+76*5^4*32*1$
1334314	G	$(-9+87*6)^5(54-3)^2+1$	1524102	P	$-(9-8)-7*(6^5*(4-32)-1)$
1340954	P	$-9+((8-7*6*(5+4))^3)^2-1$	1529259	G	$-9-((8-7^6+5)^*(4+3^2)*1)$
1340976	G	$9*8*-7*(6+(-5*4)^3/(2+1))$	1530161	G	$-9+((8*7+6)^5*4-3)^2+1$
1343816	G	$(9+8)*(7^6-5^4(4+3))^2*1$	1540086	G	$-9-8*(7*6+5)^{-4}(3^2-1)$
1352342	P	$-(-9+(87*(-6^5+4)-3)^2)-1$	1545041	G	$-9+((8*7+6)^5*4+3)^2+1$
1353190	G	$-9-87*(-6^5-4+3)^2+1$	1548264	P	$-(9+8)-7*((6-54)^3*2+1)$
1353617	G	$-9*(8-7^6)+543^2-1$	1555751	G	$-98+(7*6)^5(5-(4-3))/2+1$
1353724	G	$9+(87*(6^5+4)-3)^2+1$	1555852	G	$9-(-8+(7*6)^5(5-(4-3)))/-2-1$
1354743	P	$-9-8*7*6^5*(4-(-3^4-2+1))$	1555860	G	$9+(-8-(7*6)^5(5-(4-3)))/-2-1$
1354761	P	$9-8*7*6^5*(4-(-3^4-2+1))$	1555864	P	$-(-9-8)+7*(6)^5(5-(4-3))/2-1$
1358856	G	$9-8^7-(6*5^4)^3*2-1$	1556383	G	$-98+76*5^4(3^2+1)$
1363048	P	$-(9-8*(7+((6+5)^4)^3)^2)+1$	1556843	P	$-(9+8)-76*5^4(3^2+1)$
1364214	G	$-9+(8-7*(6+54*3))^2-1$	1558000	G	$(-9+8*76)^5(54-3)^2+1$
1373124	P	$(9*8-7)^4(-6-(5+4))^3(3+2)-1$	1561514	G	$-987+(6*5^4/3)^2+1$
1395305	P	$-9*(8*76-5^4(-4-3))^2-1$	1561718	G	$-9*87+(6*5^4/3)^2+1$
1396853	P	$-9*(87*6-5^4(-4-3))^2-1$	1561815	G	$-98*7+(6*5^4/3)^2+1$

1562477	G	$-9-8-7+(6*5^4/3)^2+1$	1664884	P	$-(-9*87-(6*5*43)^2)+1$
1566079	P	$-(9+8)+7*((6+5)*43)^2-1$	1669167	G	$-98+(76*(5^5-4+3))^2+1$
1566095	P	$-(9-8)+7*((6+5)*43)^2-1$	1669246	P	$-(9+8)+(76*(-5*4+3))^2-1$
1567494	G	$-9+(8-7*(6+54)*3)^2-1$	1669256	G	$-9+((8-7*6)*(5-43))^2+1$
1571642	G	$-9+(-8+7*6)*(5*43)^2+1$	1669261	G	$((-9-8)*76)^{(-5-(-4-3))}-2-1$
1572111	G	$-9*87+6*(5+4*(3^2*1))$	1670321	G	$-9-8^7+(6^5/4-3)^2+1$
1572208	G	$-98*7+6*(5+4*(3^2*1))$	1671750	G	$-98+((7-(6-5))^4-3)^2-1$
1572390	G	$9*-8*7+6*(5+4*(3^2*1))$	1678990	G	$-9-(8-(7+6*5)^4)*3^2+1$
1572829	P	$-9*8+7-6*(5+4*(-3^2*1))$	1679020	G	$-9-(8-(7-6*5)^4*3)^2-1$
1572880	G	$-98/7+6*(5+4*(3^2*1))$	1679086	G	$-9+(8+(7-6*5)^4)*3^2+1$
1572941	P	$(-(-9-8^4-(-7+6-5))+4)*3^2-1$	1679496	G	$(-9-8)^7+6^4(5+4)/(3^2)-1$
1574626	G	$-9-(8-(7+6))*(54^3*2-1)$	1679558	P	$-9-8*(-(7+6+5)^4+3)^2-1$
1580039	G	$-9+((8-7*(65-4))*3)^2-1$	1679925	G	$9+(8+76)*(5^4*32-1)$
1583926	P	$-(9-8^7)-6^5*(4^3+2)-1$	1679999	G	$9*8^7/6*5^4*32-1$
1587582	P	$-(9+8)+(7*(-6-54)*3)^2-1$	1687302	G	$-98+((7-(6-5))^4+3)^2-1$
1587592	G	$-9+(8*7*6*5/4*3)^2+1$	1689990	G	$-9+(8+76*(5*4-3))^2-1$
1588837	P	$-(9+8)+7*((65-4)^3-2)+1$	1691370	G	$(-9-8*7*6^5/4)*(-3^2-1)$
1592505	G	$(98*(7+6)*5^4+3)^2-1$	1693649	G	$-9-8^7+(6^5/4-3)^2+1$
1593087	G	$98*((7+6)*5^4+3)^2-1$	1695196	G	$-9+(8*7*(6+5+4)-3)^2+1$
1601595	G	$-9-8+(((7+6)*(5+4))^3-2+1)$	1695970	G	$-9+8*7*6*(5+4+3)^2+1$
1601633	G	$9+8+((7+6)*(5+4))^3+2+1$	1702752	P	$-(9-8^7+6)-(5^4+3)^2-1$
1603638	G	$(-9+8*7*6*(5^4(4+(3-2))+1))$	1706518	G	$-9+8^7-(6-5+4)^3(3^2-1)$
1607814	G	$-9+(8+7*(6+54)*3)^2-1$	1709892	G	$9*8*(76*5^4-3)/2*1$
1608282	G	$(9-8*7*(6-5^4*(32+1)))$	1710108	G	$9*8*(76*5^4+3)/2*1$
1609218	G	$(-9+8*7*(6+5^4*(32+1)))$	1710264	G	$-9+8^7+6-(5^4-3)^2-1$
1615030	P	$-(9-8^7)-6^5*(4^3-2)-1$	1710856	G	$-9+(8*7*(6+5+4)+3)^2+1$
1615336	G	$-9-8*7*(5-43^2)+1$	1728683	G	$98*7+(6*5^4)^3-2-1$
1619018	G	$-987+((6*5)^4+3)^2-1$	1728685	G	$98*7+(6*5^4)^3-2+1$
1619224	G	$-9*87+((6*5)^4+3)^2+1$	1728780	G	$9*87+(6*5^4)^3-2-1$
1619321	G	$-98*7+((6*5)^4+3)^2+1$	1728782	G	$9*87+(6*5^4)^3-2+1$
1619954	G	$-9+(-8-(7-(6*5)^4+3))^2-1$	1740031	G	$-9-8*(-7*(6^5*4-32)-1)$
1620040	G	$-9+8*7+((6*5)^4-3)^2-1$	1740662	G	$-9-(8-7*(6^5-4))^3*2-1$
1620140	G	$9*(8+7)+((6*5)^4+3)^2-1$	1740857	G	$-9*8+7*(6^5-4)^3*2+1$
1620797	G	$-98+((7+6*5)^4)^3/2-1$	1740910	P	$-(9+8)+7*(6^5-4)^3*2-1$
1623891	G	$(-9+8*7*6*(5^4*3-2))*1$	1740921	G	$(9-8)^7*7*((6^5-4)^3*2-1)$
1624752	G	$-9+8^7-6*5^4*3/2+1$	1741430	G	$-9-(8-(7*6^5-4))^3*2-1$
1626111	G	$(-9-8-76*5)^4-4^3(3^2)-1$	1741870	G	$(9-8*7*6^5)^4+3^2+1$
1627359	G	$(-9+8*7*6*(5^4*3+2*1))$	1741934	P	$-(9+8)+(7*6^5+4)^3*2-1$
1628168	G	$-9+(8*7*(-6-5)*4/3)^2+1$	1742198	G	$-9-(-8-(7*6^5+4))^3*2-1$
1628380	P	$-(9-8^7+6*(5^4(4+3)+2))-1$	1742454	P	$-9+(-8-7*(-6^5+4))^3*2-1$
1628404	P	$-(9-8^7+6*(5^4(4+3)-2))-1$	1742702	G	$-9-8+7*(6^5+4)^3*2-1$
1639446	P	$-9-8*7*(-(6+5)^4+3)^2-1$	1742726	G	$-9+(8+7*((6^5+4)^3*2+1))$
1639726	G	$(-9+8*(7*(6+5)^4-3))^2*1$	1742799	P	$9*8-7*(-(6^5+4)^3*2+1)$
1639832	G	$-9+8*(7*(6+5)^4+3)^2+1$	1744886	G	$-9+8^7/6*(5-4^3/2)-1$
1640118	G	$-9+8*7*((6+5)^4+3)^2-1$	1745033	G	$-9+((8*7*6+5)^4+3)^2+1$
1640657	G	$-9+((8+(7+6))*(5^4(4+3)+2))-1$	1752282	G	$-9-8^7+(654^3)^2-1$
1640943	P	$-(9+8)+(7*(-65+4)*3)^2-1$	1756694	G	$-9+8*7*(6+5^4)^3*2-1$
1641150	P	$(-98-7)*(-6-(-5^4(4*3/2)+1))$	1757185	G	$(-9+(-8-7*6)^5)^4-4^3(3^2)+1$
1642470	G	$(-9-8*7*6*5^4)^3-2-1$	1760921	P	$-(9-(-8*7*6-5)^4-3)^2+1$
1642493	G	$-9+8*7*6*5^4*3+2*1$	1761895	G	$9*(-8+7^6+5^4(4+3))^2-1$
1643385	G	$9+8*7*6*(5^4*3+2-1)$	1761913	P	$-9*(8-7^6-5^4(-4-3)+2))+1$
1644243	G	$-9+8*7*6*(5^4*3+2*1)$	1764696	P	$-(9+8-7^6*5-4)^3*(2-1)$
1646875	G	$(98-7-6)/(5^4-4/(32-1))$	1764757	G	$9+(8+7^6*5-4)^3+2-1$
1647108	G	$9+8+(7^6(6+5-4)+3)^2-1$	1766231	G	$-9+((8-7*6+5+4)^3)^2-1$
1647174	G	$9+8+(7^6+5)^4(4+3)^2+1$	1768995	P	$-(98+7)+6*(543^2+1)$
1648646	G	$-9+(8-76*(5+4^3))^2-1$	1769004	P	$-(9+8)+6*(543^2+1)$
1653625	P	$(9+(8+7-6)^5)^4-(4-32)+1$	1769076	G	$-9-8-7+6*(543^2+1)$
1657605	G	$(9+8*7*6*(5^4*3-2))*1$	1769110	G	$(9+(8-7))^4+6*(543^2+1)$
1659372	G	$(9+8*7*6*(5^4*3-2-1))$	1769135	G	$-9+(8*7+6*(543^2-1))$
1659378	G	$(9+8*7*6*(5^4*3+2+1))$	1769178	P	$-(9-8)+6*(543^2+1)$
1661145	G	$(9+8*7*6*(5^4*3+2)*1)$	1771445	P	$(9^4(-8-7)+6)^5-4^3*2-1$
1663980	G	$(-9-8)^7+(6*5^4*43)^2-1$	1771447	P	$(9^4(-8-7)+6)^5-4^3*2+1$
1664052	G	$9-8*7+(6*5^4*43)^2-1$	1771493	P	$(9^4(-8-7)+6)^5+4^3*2-1$
1664079	G	$(9+8)*(7^6+5^4(4+3))/(2*1)$	1771681	P	$-(9-8)^7+(6+5)^4(4*3/2)+1$
1664087	G	$-98/7+(6*5^4*43)^2+1$	1780593	G	$9+8-7*(6^5-4^3(3^2*1))$
1664192	P	$-(-98+7)+(6*5^4*43)^2+1$	1784886	G	$-9+(8*(-7*6^5+43))^2-1$
1664197	P	$-(-9-8)+6*(5^4*43)^2+1$	1796239	G	$-9-8-7*6^5*(-4^3/2-1)$
1664206	P	$-(-98-7)+(6*5^4*43)^2+1$	1797082	P	$-98-7*(6^5+4)*(-32+1)$
1664603	G	$9*8*7+(6*5^4*43)^2-1$	1819545	G	$(-98+7)*(6-5^4*32-1)$
1664787	P	$-(-98*7-(6*5^4*43)^2)+1$	1819799	P	$-(9-8^7)-6*((5^4*43)^2-1)$

1823983	G	$-9-8-76*(-5*4)^3*(2+1)$	1941440	P	$-(9+8)-7*(-6*(5*43)^2-1)$
1827223	G	$-9+8^7-6^5-4^3(3^2*1)$	1941448	G	$-9+8-7*-6*(5*43)^2-1$
1830591	P	$-(9+8)+((7*65-4)*3)^2-1$	1941456	P	$-(9-8)-7*(-6*(5*43)^2-1)$
1830599	G	$-9+((8-7*65-4)*3)^2-1$	1941475	P	$-9-8-7*6*-((5*43)^2+1)$
1830904	G	$-9+8^7-65*4^3(3^2)+1$	1945601	G	$(-9+8*(7+6))*5/4^3(3^2-2)+1$
1834797	G	$-9+8-7*(6*5-4^3(3^2*1))$	1952138	G	$-987+(6-5+4)^3(3^2*1)$
1834934	G	$-9+8^7-65-4^3(3^2*1)$	1952188	P	$9*8*(7+6)+5^4(4+3+2)-1$
1834969	G	$-9+8^7-6*5-4^3(3^2*1)$	1952999	G	$(-9-8)*7-(6-5^4(4+3+2)+1)$
1834988	G	$-9+8^7-6-5-4^3(3^2*1)$	1953046	G	$-9*8-7+(6-5+4)^3(3^2*1)$
1835201	G	$-9-8-7*(-6*5-4^3(3^2*1))$	1953060	G	$-9-8*7+(6-5+4)^3(3^2*1)$
1835391	G	$-9*8+7*(65+4^3(3^2*1))$	1957490	G	$-9+87*6*5^4*3^2-1$
1836432	G	$(987-6)*(5^4*3-(2+1))$	1957491	G	$-9+87*6*5^4*3^2*1$
1837413	G	$(987-6)*(5^4*3-2)*1$	1959424	P	$(9/8*7*-6^5+4)*-(32*1)$
1841337	G	$(987-6)*(5^4*3+2*1)$	1959439	G	$-98-7*(-6^4(-5+4*3)+2)-1$
1841439	G	$-9+((8-76)*5^4+3)^2-1$	1959467	G	$-98+7*(6^4(-5+4*3)+2)-1$
1842318	G	$(987-6)*(5^4*3+2+1)$	1959469	G	$-98+7*(6^4(-5+4*3)+2)+1$
1844749	G	$-9*(8-(7*(6+5)^4+3)*2)+1$	1959663	G	$98+7*(6^4(-5+4*3)+2)-1$
1847028	G	$-9+((8-(7-6*5)^4-3)*2+1)$	1959665	G	$98+7*(6^4(-5+4*3)+2)+1$
1848184	P	$-(9-(8^7-(6^5+4)*32))+1$	1959836	G	$9*(8+7*6^5)*4-(3+2)-1$
1848440	G	$-9+8^7+(-6^5+4)*32+1$	1962791	G	$-9+((8+(7*65+4)*3)^2-1)$
1857759	G	$-9+((8-76)*5^4-3)^2-1$	1967542	G	$-9+8^7-(6*5^4*3)^2-1$
1858896	G	$(987+6)*(5^4*3-(2+1))$	1971051	G	$(-9+8+7)/(65+4)^3-3-2-1$
1859889	G	$(987+6)*(5^4*3-2)*1$	1971916	P	$-9+(8-(7+6))*(-5^4+3)^2-1$
1859890	G	$(987+6)*(5^4*3-2)+1$	1975384	G	$-9+8*76*(5+4)^2+1$
1860000	G	$(9+8+76)*5^4*3^2*1$	1976893	P	$-(9-8^7)+65*(-43^2-1)$
1860009	G	$9+(8+76)*5^4*3^2*1$	1977143	G	$-9+8^7-6/(5^4-4/(32*1))$
1861874	G	$(987+6)*5^4*3-2+1$	1979548	G	$(-9-8)*-7^6-5*(4^3(3^2)+1)$
1861876	G	$(987+6)*5^4*3+2-1$	1979639	G	$-9+(((8+76)*5+4)*3)^2-1$
1863583	G	$-98+7*65*4^3(3^2)+1$	1982454	G	$-9+((-87+65)/4^3)^2-1$
1863861	G	$(987+6)*(5^4*3+2*1)$	1983158	G	$(9+8)*7^6-5^4*3^3(2+1)$
1864118	P	$-(9+8)-7*-65*(4^3(3^2)+1)$	1988090	G	$-9+((8+7)*6*(5+4^3))^2-1$
1864854	G	$(987+6)*(5^4*3+2+1)$	1988856	G	$-9-8*(7-6^5)*4^3/2+1$
1871327	G	$-98+(76*54/3)^2+1$	1991423	G	$-9-8*((-7-6^5+4)*32-1)$
1871408	P	$-(9+8-(76*54/3)^2)+1$	1991623	G	$-9-8*(7-(6^5+4)*32-1)$
1871414	G	$-9+((8+(7+6-5)^4)/3)^2-1$	1992440	G	$-9-8*(-7-6^5)*4^3/2+1$
1872474	G	$(-9+8*76)*(5^4(4+(3-2))+1)$	1994408	G	$(9+8)*7^6-5^4*3^2*1$
1873415	P	$-(9-8^7)-((-6-5)*43)^2+1$	1994619	P	$-(9-8)-76*(-(54*3)^2-1)$
1873705	G	$9+8*(7^6-543)*2*1$	1994637	P	$-(9-8)-76*(-(54*3)^2-1)$
1874971	G	$-9-8*((7-6/5^4(-4-3))/2-1)$	1995893	G	$-9+8^7+(6*5)^4/(-3^2+1)$
1875376	P	$-(9-8*7)/((65-4)*3)^2-1$	1995933	G	$(-9-8)*-7^6-5^4(3^2)+1$
1876329	G	$(-98+7)*(6-5^4*(32+1))$	1998180	G	$((9+8)*7^6-5-43^2+1)$
1881137	G	$9+(8*7^6-5^4-3)*2*1$	1998777	G	$(9+8)*7^6-(5^4+3)*2*1$
1881307	G	$9+(8*7^6-543)*2*1$	1998789	G	$(9+8)*7^6-(5^4-3)*2*1$
1882274	G	$9+(8*7^6+5-4^3)*2-1$	1999318	G	$(-9-8)*-7^6-5*((4*3)^2-1)$
1882275	G	$9+(8*7^6+5-4^3)*2*1$	1999833	G	$(-9-8)*-7^6-5*(43-2-1)$
1882511	G	$9+(8*7^6-5+4^3)*2*1$	2000164	G	$(9+8)*(7^6+5)+43+2+1$
1883637	G	$9+(8*7^6+5^4-3)*2*1$	2000277	G	$(-9-8)*-7^6+5*(4+3)^2-1$
1883649	G	$9+(8*7^6+5^4+3)*2*1$	2000650	P	$-((-9-8)*7^6-5^4)-3^2+1$
1887481	G	$9*8*-7*(-6/5^4-4+3+2)+1$	2000758	P	$(-9-8)*-7^6-5*(-(4*3)^2-1)$
1888779	G	$-9*87+6*(54^3*2-1)$	2000959	G	$(9+8)*(7^6+54)+3^2-1$
1889530	G	$-9-(8+7-6*54^3)*2+1$	2001277	G	$(9+8)*7^6+(5^4-3)*2*1$
1889538	G	$98+7*(6^5+4^3(3^2*1))$	2001289	G	$(9+8)*7^6+(5^4+3)*2*1$
1889621	G	$9*((-8-7)*6/5)^4+3)^2-1$	2001876	G	$((9+8)*7^6-5+(43^2-1))$
1890069	G	$9*8-(-7*(6*5)^4/3+2+1)$	2001907	G	$(9+8)*7^6+5^4*3-2+1$
1890095	G	$98+7*(6*5)^4/3-2-1$	2001910	G	$(9+8)*7^6+5^4*3+2*1$
1891081	G	$9+8*(7^6+543)*2*1$	2001911	G	$(9+8)*7^6+5^4*3+2+1$
1895976	P	$-9+(-8-7*65)*-(4^3(3^2)-1)$	2001966	G	$(9+8)*(7^6+5)+43^2-1$
1896111	P	$-(9+8)+((7*65+4)*3)^2-1$	2003515	G	$(-9-8)*-7^6+(5-4^3)^2+1$
1896438	P	$-(9+(-8-7*65)*4^3(3^2))-1$	2004795	G	$(-9-8)*-7^6+(5+4^3)^2+1$
1896439	G	$-9+(8+7*65)*4^3(3^2*1)$	2005659	G	$(9+8)*7^6+5^4*3^2+1$
1899983	G	$-9+8*(76*5^4(4+3-2)-1)$	2018409	P	$-(9-8^7)-(6+54^3)/2+1$
1906470	G	$((-9-8^7)/(6+5+4)*(-3^2-1))$	2018415	P	$-(9-8^7)+(6-54^3)/2+1$
1920186	G	$(9*8+7/6)/(54^3)^2-1$	2019343	P	$-(9-8^7)+(6^5+4)*(-3^2-1)$
1933311	G	$(-9-8-7*65)*-4^3(3^2)-1$	2019382	G	$-9+8^7-6^5*(4*3-2)-1$
1934416	P	$-9+(8-(7+6))*(-5^4+3)^2-1$	2020508	G	$(-9-8)*-7^6-5*(-4^3(3^2)+1)$
1936676	G	$98*((7^6-5^4(4+3))/2*1)$	2023939	G	$-9+(8^7-(6+5)^4*(3+2)+1)$
1937656	G	$-9+(87*(-6+54)/3)^2+1$	2027160	P	$-(9-8^7)-6^5*(4+(3+2))+1$
1941351	P	$-98-7*6*(-(5*43)^2-1)$	2027194	P	$-(9-8^7)-(6^5-4)*3^2-1$
1941379	G	$-9*8-7*-6/(5*43)^2+1$	2030615	G	$-9+((8-7*(65+4)*3)^2-1)$
1941394	G	$-98-7*-6*((5*43)^2+1)$	2031224	G	$-9-(8-(7+6)*5^4(4+3))^2-1$

2034967	P	$-(9-8^7)-(6^5-4)*(3^2-1)$	2098218	G	$-9+8^7+(-6+543)*2+1$
2039176	G	$-9+((8+76)*(5+4*3))^2+1$	2098680	G	$-9+8^7+(-6+54)*32+1$
2042021	P	$-9+(-(-8+7+6)^5+43)/-2+1$	2098768	P	$-(9-8^7)-65*(4*3*-2-1)$
2042756	P	$-(9*(8-((7+6)*5-4)^3)+2)+1$	2099224	G	$-9+8^7+65*4^3/2+1$
2044415	P	$-((9+8+7)*((-6-5)*4)^3+2)+1$	2099282	P	$-(9-8^7)+(65+4)*(32-1)$
2052076	P	$-(9-8^7)+(-6-5)*(4^3(3*2)+1)$	2099475	G	$(-98-7)*(6-5^4*32-1)$
2054295	P	$-(9-8^7)-((-65-4)*3)^2+1$	2099533	G	$(9*(-8-7)*6^5-(4+3))*-2-1$
2054374	G	$-9+8^7-6^5*(4+3/2)-1$	2099599	G	$(9*((-8-7)*-6^5+4)+3)*2+1$
2054550	G	$-9+8^7-((6+5)*4)^3/2-1$	2099643	G	$-9+8^7+6*5^4/(3/2*1)$
2058264	P	$-(9-8^7)-6^5*(4+3-2)+1$	2100738	G	$-9+8^7-6+(5*4*3)^2+1$
2062583	P	$-(9-8^7)-6^5*-4*(-3^2-2-1)$	2100928	G	$9+(8^7+6*(5^4+3))-2+1$
2063655	P	$-(9-8^7)-((-65+4)*3)^2+1$	2100989	G	$-9+8^7+6*(5/4^-3*2+1)$
2063804	G	$-98-7*(6-543^2)+1$	2101139	G	$-9+8^7-(6-(5*4)^3)/2-1$
2063830	G	$-9*8-7*(6-543^2)+1$	2101145	G	$-9+8^7+(6+(5*4)^3)/2-1$
2064744	P	$-(9-8^7)-((-6-54)*3)^2+1$	2101504	P	$-(9-8^7)+6*((5+4)^3-2)-1$
2067868	P	$-9+8^7+(-6+5)^4+3)^2+1$	2101528	P	$-(9-8^7)+6*((5+4)^3+2)-1$
2068631	P	$-(9-8^7)-6^5*(4-3^2-(2-1))$	2101884	P	$-(9-8^7)+(6+5)*(432-1)$
2069495	P	$-(9-8^7)+6^5*4*(3^2-2-1)$	2101896	G	$-9+8^7-(-6-5)*432+1$
2071224	P	$-(9-8^7)-6^5*(4/3+2)+1$	2102258	G	$-9+8^7-6+5*4^3(3+2)+1$
2073804	G	$-9+8^7-(6^5+4)*3+2-1$	2102262	P	$-(9-8^7+6)+5*(4^3(3+2)+1)$
2073806	G	$-9+8^7-(6^5+4)*3+2+1$	2102432	G	$(-9-8)*-7^6+(5*4^3)^2-1$
2073816	P	$-(9-8^7)-6^5*(4-(3-2))+1$	2102773	G	$-9+8^7+6+5^4*3^2-1$
2073828	G	$-9+8^7-(6^5-4)*3+2-1$	2103030	G	$-9+8^7+654*3^2+1$
2076471	G	$-9+(8^7-(6+5)^4*3)^2-1$	2104461	P	$-9-(-8^7+(-6+5)^4+3)/2-1$
2076652	P	$-(9-(8^7-6))-5*(4^3(3*2)+1)$	2104641	G	$-9*(-8-(7^6-(5+4)^3)*2-1)$
2076803	G	$-9+8^7+(-6-5)*43^2-1$	2104774	G	$-9+8^7+6^5-(4*3)^2-1$
2077702	G	$-9+8^7-6^5*(4-3/2)-1$	2105819	G	$(9+8^7)+6*((5-43)^2-1)$
2079718	G	$-9+(8^7-((6+5)^4*3)^2-1)$	2110979	G	$(9+8^7)+6*((5+43)^2-1)$
2081136	G	$-9+8^7-6+(5*4)^3*-2-1$	2113136	G	$-9+8^7-6-(5*4)^3*-2-1$
2081138	G	$-9+8^7-6+(5*4)^3*-2+1$	2113138	G	$-9+8^7-6-(5*4)^3*-2+1$
2081506	P	$-(9-(8^7-(6^5+43)*2))+1$	2115287	P	$-(9-8^7)+6^5*(4/3+(2-1))$
2081566	P	$-(9-(8^7-(6^5+4*3)*2))-1$	2116649	G	$(9+8^7)+6*((54+3)^2-1)$
2081678	G	$-9+8^7+(-6^5+43)*2+1$	2117015	G	$-9+(8+7*(6-5*43))^2-1$
2084177	P	$-(9-8^7)-6*(5*432+1)$	2117136	G	$-9+87*((6-54*3)^2-1)$
2084213	P	$-(9-8^7)-6*5*(432-1)$	2117623	G	$-9+(87*-6+5)*(-4^3(3*2)*1)$
2086769	P	$-9+8^7-6*(54*32+1)$	2120462	G	$-9+8^7+(6^5-4)*3+2+1$
2087099	P	$-(9-8^7)-6*54*(32-1)$	2120472	P	$-(9-8^7)+6^5*(4-(3-2))+1$
2087848	P	$-(9-8^7)-65*((4*3)^2-1)$	2123064	P	$-(9-8^7)+6^5*(4/3+2)+1$
2089083	P	$-(9-8^7)-65*4*(32-1)$	2124142	P	$-(9-8^7)+(6^5)^4(4-3+2)-1$
2089222	G	$-9+8^7-6^5-(4^3)^2-1$	2126179	G	$9*(-8+7*6/5^4-4*3^2)+1$
2089792	G	$-9+8^7-6*(5*(-4-3))^2-1$	2126323	G	$9*(8+7*6/5^4-4*3^2)+1$
2089823	P	$-9-(-8^7-(-6+5)^4+3)/2-1$	2127862	P	$(9-87/6)/(-5^4-3)^2-1$
2091488	P	$-(9-8^7)-65*(43*2+1)$	2129544	P	$-(9-8^7)+((6+54)*3)^2+1$
2092018	G	$-9+8^7-6-5*4^3(3+2)+1$	2130633	P	$-(9-8^7)+((6-54)*3)^2+1$
2092022	P	$-(9-8^7+6)-5*(4^3(3+2)-1)$	2139734	G	$-9+8^7+((6+5)*4)^3/2-1$
2092392	G	$-9+8^7+(-6-5)*432+1$	2139910	G	$-9+8^7+6^5*(4+3/2)-1$
2092756	P	$-(9-8^7)-6*((5+4)^3+2)-1$	2139993	P	$-(9-8^7)+((65+4)*3)^2+1$
2092780	P	$-(9-8^7)-6*((5+4)^3-2)-1$	2140351	P	$-(9+8-(7*(6-5*43))^2)-1$
2093139	G	$-9+8^7-(6+(5*4)^3)/2-1$	2142188	P	$-(9-8^7)+(-6-5)*(-4^3(3*2)+1)$
2093145	G	$-9+8^7+(6-(5*4)^3)/2-1$	2159383	P	$-(9-8^7)+(6^5+4)*3^2-1$
2093428	P	$9+8^7-6*(-5^4+3)-2+1$	2160973	G	$9*8+(7*6*5*(4+3))^2+1$
2094103	G	$-9-8*(76*5-4^3(3^2*1))$	2163831	G	$-9+(8-7*(6-5*43))^2-1$
2094587	G	$9+8^7-6*(5*43^2-1)$	2166713	G	$-9*8+((7-6*5)*4^3)^2+1$
2094643	G	$-9+8^7-6*5^4/(3/2*1)$	2167128	P	$-(9-8^7)+6^5*(4+(3+2))+1$
2094936	G	$-9+8^7+(-65-4)*32+1$	2167162	P	$-(9-8^7)+(6^5+4)*3^2-1$
2095064	G	$-9+8^7-65*4^3/2+1$	2169719	G	$-9+((8+7*(65+4))^3)^2-1$
2095414	P	$-(9-8^7-6*(-5-4)*32)-1$	2174863	P	$-(9-8^7)+(-6^5+4)*(-3^2-1)$
2095517	G	$-9+(8^7-6*(54*(3+2)+1))$	2174902	G	$-9+8^7+6^5*(4*3-2)-1$
2095608	G	$-9+8^7-(6+54)*32+1$	2175873	P	$-(9-8^7)-(6-54^3)/2+1$
2095648	P	$-(9-8^7)-65*(4*3*2-1)$	2175879	P	$-(9-8^7)+(6+54^3)/2+1$
2095686	G	$-9+8^7-(6/54)^3*2+1$	2177110	G	$-9+8*(7*6^5-4)*(3+2)-1$
2095823	G	$-9+8^7-6*5*(43+2-1)$	2178390	G	$-9+8*7*(6^5+4)*(3+2)-1$
2095842	P	$-(9-8^7)-(654-3)*2+1$	2187163	G	$-9-8*(7*(6-5^4(4+3)/2)-1)$
2095906	G	$9+8^7-(6+5^4-3)*2+1$	2187267	G	$-9-8*7*((6-5^4(4+3))/2+1)$
2096046	G	$-9+8^7+(-6-543)*2+1$	2190390	G	$-9+(8-(7-6*5)*4^3)^2-1$
2096196	G	$-9+8^7+(-6-5)*43^2-1$	2190887	G	$-9-(-8^7-6*(5^4(4^3/2)-1))$
2096213	P	$-(9-8^7)-6*5*(4^3/2-1)$	2192973	G	$(-9+8*7)*6^5(5+4-3)+2+1$
2096671	G	$-9+8^7+(-6-5)*43+2-1$	2196934	G	$-9-8*(7-65^4(4-3-2))-1$
2096959	G	$-9+8*(7-6*5+4^3(3^2*1))$	2197055	G	$-9+8*((7+65^4(4-3-2))+1)$
2097972	G	$-9+8^7-6*(-5-4^3)*2+1$	2200880	G	$-9+8*((7^6+54^3)-2)+1$

2200904	G	$-9+8*7*((6*5+4)^3-2)+1$	2379405	G	$(9+8)^*-7*(6-5^4*32-1)$
2203628	G	$-98*(7-6*5^4*3)*(2*1)$	2388709	G	$-9^8+7+(6*5+4)^(3+2)-1$
2204381	G	$-9*8-7*(6-54^3*2)-1$	2388711	G	$-9^8+7+(6*5+4)^(3+2)-1$
2204388	P	$-(9+8)-7*((6-54^3)*2+1)$	2393191	P	$-(9+8-(7*(6+5^4*3))^2)-1$
2204439	P	$-(98-7*(6+54^3*2))-1$	2399393	G	$-9+((8+76*5)*4-3)^2+1$
2204481	G	$-98+7*(6+54^3)*2-1$	2421867	G	$-9+(8*7+6)/(5^4-(-4-3)^2)+1$
2204536	G	$-9+8+7*(6+54^3*2)-1$	2423042	G	$-9*(8+7^6-(-5^4+3)^2)-1$
2205217	G	$-9+((8-76*5)^4+3)^2+1$	2424734	G	$-98+(-7-6*5)^*-4^(3^2-1)$
2206372	G	$98*(7+6*5^4*3)*(2*1)$	2429751	P	$-(-9+(-87+(6*5)^4)*3)-2)+1$
2212500	G	$(9+876)/(5^4-4/(3+2-1))$	2430134	P	$-(-9*(8+7)-((6*5)^4*3-2))+1$
2217143	G	$-9+8^7+6/(5^4-4/(32*1))$	2437024	G	$9+(8-(7-6))^5*((4*3)^2+1)$
2217263	P	$-(9-8^7)+65*(43^2-1)$	2437631	G	$-9+8*((76-(7-6)^5)^4+3)^2+1$
2217329	G	$-9+8^7+65*43^2+1$	2439833	P	$-9+(8-(-7*6+5)^4+3))/2-1$
2221201	P	$(-9-8*76)/(-5*4*3)^{-2}+1$	2439836	G	$-9+(8+(7*6+5)^4+3)/2-1$
2223073	G	$-9+((8-76*5)^4-3)^2+1$	2446088	G	$-9+((8-76)^*(5*4+3))^2+1$
2226742	G	$-9+8^7+(6*5*4*3)^2-1$	2449446	P	$-(9-8)+7*(6^5*(4+3)+1)$
2231315	P	$(98+7-65^4)/-(3^2-1)$	2464890	G	$-9+((-8-7)/6*(5^4+3))^2-1$
2231376	G	$-9+(-8-7*-6^5)^*(43-2)+1$	2469879	G	$-9+(8*76-5)^4*(3^2*1)$
2231718	P	$-(9-8)+7*(6^5*(43-2)+1)$	2471122	G	$9*(-8*7+65^4(-3-2))+1$
2231736	G	$(9+8)+7*(6^5*(43-2)+1)$	2471176	G	$-9+((8*(7-6)^5*5-4)^3)^2+1$
2239422	G	$-9-8*(7-6^5*(4+32))-1$	2472409	G	$9*(87+65^4(-3+2))+1$
2239556	G	$9+8*(7+6^5*(-5+4*3))+2+1$	2475567	G	$9*(876*(5^4+3)/2-1)$
2241500	G	$9*8*(7+6^5)^4-(3+2-1)$	2475576	G	$9*876*(5^4+3)/2+1$
2252662	P	$-(9-8^7-6^5*4*(3+2))-1$	2475577	G	$9*876*(5^4+3)/2+1$
2252991	G	$-9+(-8*(7*6+5)^4+3)^2-1$	2480083	P	$-(9+8)+7*6*((5+4)^(3+2)+1)$
2271039	G	$-9+(8*(7*6+5)^4+3)^2-1$	2480099	P	$-(9-8)+7*6*((5+4)^(3+2)+1)$
2279990	G	$-9+8*76*5^4*3*2-1$	2484032	G	$-9+8^7+6+(5^4-3)^2-1$
2279991	G	$-9+8*76*5^4*3*2*1$	2491520	P	$-(9-8^7+6)+(5^4+3)^2-1$
2282696	G	$-9-87*(6-(54*3)^2)-1$	2491532	P	$-(9-8^7)+6+(5^4+3)^2-1$
2311240	G	$-9-(8*-7+6)^*(5*43)^2-1$	2491538	G	$9+8^7-6+(-5^4-3)^2-1$
2315224	P	$-9+(8+(7*(-(6+5)-4))^3)^{-2}-1$	2499553	G	$-9+((87+6)^*(5+4*3))^2+1$
2320801	G	$9*-8^7+6/(5^4-3)^{-2}+1$	2509048	G	$-9+(8*(7*6*5-4*3))^2+1$
2320873	P	$-(9-8^7)+((6+5)*43)^2+1$	2517046	P	$-(9-8^7)+(6^5-5*4*3)^{-2}-1$
2321193	P	$-(98+7)+6*((-5^4+3)^2-1)$	2518553	G	$-9-8+(7-6^5)^4*3^2+1$
2321202	P	$-(9+87)+6*((-5^4+3)^2-1)$	2520210	G	$9*(87+6^5(-5-4*-3))+2+1$
2321274	P	$-(9+8+7)+6*((-5^4+3)^2-1)$	2521734	G	$-9+(8+7*6^5*(-5-43))^2-1$
2321308	P	$-(-(9+8)+7)+6*((-5^4+3)^2-1)$	2523128	G	$-9-8*7*(-6-5)^4*(3^2)+1$
2321319	G	$98/7+6*(5^4-3)^2+1$	2529632	G	$9*8+(7^6+5)^*43/2-1$
2321376	G	$-(9-87)+6*((-5^4+3)^2-1)$	2530906	G	$(9+8)^*(-7+6+54)^3-2-1$
2327713	P	$((9+8)^7+6+5^4*(3^2-1))$	2530908	G	$(9+8)^*(-7+6+54)^3-2+1$
2328579	G	$-98+(7*654/3)^2+1$	2531473	G	$(-9-8)^*-7^6+(5+4)^(3*2)-1$
2328660	P	$-(9+8-(7*654/3)^2)+1$	2541295	G	$(98-7/6)^*(54*3)^2+1$
2328668	G	$-9+((8+7*6*5)^*(4+3))^2+1$	2547117	G	$-98+(7*6*(5-43))^2-1$
2340240	P	$-(9+(8-7*6^5)^*43+2)+1$	2547198	P	$-(9+8)+(7*6*(5-43))^2-1$
2346102	P	$-(9-(8^7+6^5+4)*32))-1$	2547520	G	$-9+(87*(6+5)^4-3)^2+1$
2348904	G	$-9+87*((6*5)^(4-3+2)-1)$	2550462	G	$-9-8*(7-6^5*(43-2))-1$
2348990	G	$-9-87*(-6*5)^(4-3+2)-1$	2550574	G	$-9+8*(7+6^5*(43-2))-1$
2351030	G	$(-98+7^6)*5*4+3^2+1$	2552814	G	$-9-8*(-7-6^5)^*(43-2)-1$
2351511	G	$-9+8^7-6^5+4*(3^2*1)$	2564856	G	$9*(-8+76/5^4-4*3)*2*1$
2352648	G	$(-9-8+7^6)*5^4+3^2-1$	2569536	G	$-9+8^7+6*5^4*3/2+1$
2352864	G	$(9-(8-7^6)*5)^4+3^2-1$	2572806	G	$-9+(8-7*6*(5-43))^2-1$
2352887	G	$(9-(8-7^6)*5)^4+32-1$	2579254	G	$-9+8^7+6^5*(4^3-2)-1$
2352912	G	$-9-((8-7^6-5)^4*(3+2)-1)$	2588444	P	$-(9-(8+7^6)*54-32))-1$
2352946	G	$(-9+(8/7^6-6-5))*(4-3/2)+1$	2598982	G	$-9*8+(7+6)^5*(4+3)+2+1$
2353042	G	$9*8+7^6*5*4-3^2-1$	2598985	G	$-9+(8+(-7-6)^5)*(-4-3)-2+1$
2353121	G	$-9+(-8-7^6)*5*4-3^2-1$	2599035	G	$-9-8+(7+6)^5*(4+3)+2-1$
2353184	G	$(-9+(-8-7^6)*5)^*-4+3^2-1$	2602531	P	$(-98-7/6)^*(-54*3)^2+1$
2354430	G	$(9*8+7^6)*5*4+3^2+1$	2610358	G	$-9+(8^7+6^5*(4^3+2))-1$
2358176	G	$-9-8*(76-543^2)+1$	2614679	G	$-9+((87-6)^*5*4-3)^2-1$
2359118	G	$-9+8*(7*6+543^2)-1$	2630870	G	$-9-87*-6^5*(4-3^2)-1$
2363384	G	$-9+8^7+65*4*(3^2)+1$	2634119	G	$-9+((87-6)^*5*4+3)^2-1$
2366202	P	$-(9+87)+6*((5^4+3)^2-1)$	2656184	P	$-(9-8)+7*((6-(5^4-3))^2-1)$
2366203	G	$-9+(-8-7^6)*(-5*4-3^2)-1$	2656417	P	$-9^8+(-7-6)*(-5^4*3)^2-1$
2366274	P	$-(9+8+7)+6*((5^4+3)^2-1)$	2661334	G	$-9-8*-7*(654/3)^2-1$
2366308	G	$((9+8)-7)+6*((5^4+3)^2-1)$	2666249	G	$(9*8+7)*6/5^4-4*3^2-1$
2366376	P	$-(9-87)+6*((5^4+3)^2-1)$	2675012	P	$9-8*-7+(6^5*43)+2+1$
2367487	G	$-9+8*((7-(6-543))^2+1)$	2693107	G	$9^8-7-(6+5-4)^(3^2*1)$
2368511	G	$-9+(8-7*(6+5^4*3))^2-1$	2705516	G	$-9+87*(6^5*4-3^2)-1$
2379286	G	$(-9-8)*7*(6-5^4*32)*1$	2705737	G	$-9-(8-7^6)*5*(4+3)+2+1$
2379303	P	$(9+8)^*-7*(6-5^4*32)-1$	2705781	P	$-(9-87*(6^5*4-3)-2)+1$

2706105	P	$-9+(-8-7^6)^*-(5^*4+3)+2+1$	3083526	G	$-9+(8+76^*(5^*4+3))^{\wedge}2-1$
2706303	P	$-(9-87^*(6^{\wedge}5^*4+3)-2)+1$	3094454	P	$-(9+8^*(76-(5^{\wedge}4-3)^{\wedge}2))-1$
2706560	G	$-9+87^*(6^{\wedge}5^*4+3^*2)-1$	3094727	G	$-9+8^*(-7^*6+(-5^{\wedge}4+3)^{\wedge}2)^*1$
2708047	P	$-(98+7^*(6-(5^{\wedge}4-3)^{\wedge}2))-1$	3094959	P	$-9+8^*-(7+6-(-5^{\wedge}4+3)^{\wedge}2)^*1$
2708097	G	$-98+7^*((6-(5^{\wedge}4+3))^{\wedge}2+1)$	3095670	G	$-9+8^*(76+(5^{\wedge}4-3)^{\wedge}2)-1$
2708122	P	$-(9+8)+7^*(-6+(-5^{\wedge}4+3)^{\wedge}2-1)$	3099064	G	$-9+(8^{\wedge}7-6^*5^*4)^*3/2+1$
2708131	G	$-98+7^*(6+(5^{\wedge}4-3)^{\wedge}2)-1$	3104304	P	$(9-8^*7)^*(-65^*4+3)^{\wedge}2+1$
2708138	P	$-(9-8)+7^*(-(6-(-5^{\wedge}4+3)^{\wedge}2)-1)$	3106312	G	$-9+8^*7^*6^*5^*4^{\wedge}3+2+1$
2708191	G	$-9+8^*(7+6)^{\wedge}5-4^{\wedge}(3^{\wedge}2^*1)$	3111597	P	$-98+(-7^*6)^{\wedge}(-5^*4/-(3+2))-1$
2708222	P	$-(9-8)+7^*(6+(-5^{\wedge}4+3)^{\wedge}2-1)$	3111680	G	$-9-8+(7^*6)^{\wedge}(5-(4-3))+2-1$
2712500	G	$(98+7^*6)/(5^{\wedge}4/(32-1))$	3112110	P	$-(9-8^*((7^*(6+5)-4)^{\wedge}3-2))-1$
2712593	G	$-9-8+((-76+5^{\wedge}4)^*3)^{\wedge}2+1$	3132393	G	$9+8^*(7^{\wedge}6+5^{\wedge}(4+3))^*2^*1$
2712682	G	$9^*8+((76-5^{\wedge}4)^*3)^{\wedge}2+1$	3133369	G	$-9^*8-765/-4^{\wedge}(3^*-2)+1$
2729368	G	$-9-8^*(-7-6)/(54^*3)^{\wedge}-2+1$	3134188	P	$-(9+8)-765^*(-4^{\wedge}(3^*2)-1)$
2742326	G	$-9+(8^*((-7-6)^*-5+4)^*3)^{\wedge}2-1$	3134204	P	$-(9-8)-765^*(-4^{\wedge}(3^*2)-1)$
2751916	G	$-9+8^*7/6^*543^{\wedge}2+1$	3136482	G	$9^*8^{\wedge}7/6-5^{\wedge}4^{\wedge}3-2-1$
2758103	G	$-9+8^{\wedge}7-6^{\wedge}5^*(-43^*2+1)$	3138751	G	$9^*(8^*-7-6)^*5^{\wedge}4^*-3^{\wedge}2+1$
2760622	P	$-(9+8)-7^*(6-(5^{\wedge}4+3)^{\wedge}2+1)$	3140127	G	$9^*(8^{\wedge}7/6-5^{\wedge}4+3)-(2+1)$
2760722	P	$-(9-8)+7^*(6+(5^{\wedge}4+3)^{\wedge}2-1)$	3140136	G	$9^*(8^{\wedge}7/6-5^{\wedge}4)+32+1$
2765888	P	$-9-8+((-76+5)^*4)^{\wedge}3^*2+1$	3142902	P	$9^*(8^{\wedge}7/6+(5^{\wedge}4+3)/-(2^*1))$
2768001	G	$(98^*-7-6)^*(5^*-4)^{\wedge}3/2+1$	3143521	G	$-9+((-8+7^*6-5^{\wedge}4)^*3)^{\wedge}2+1$
2799294	G	$-9-8^*(7-6^{\wedge}5^*(43+2))-1$	3146954	G	$9^*8^{\wedge}7/6+(5^*(4+3))^{\wedge}2+1$
2799406	G	$-9+8^*(7+6^{\wedge}5^*(43+2))-1$	3149327	G	$9^*8^{\wedge}7/6+(5^*4^*3)^{\wedge}2-1$
2801870	G	$-9-8^*(-7-6^{\wedge}5^*(43+2))-1$	3149727	G	$9^*8^{\wedge}7/6+(5^{\wedge}4)^{\wedge}3/2-1$
2813668	P	$-(9+8)+7^*((6-(-5^{\wedge}4-3))^{\wedge}2-1)$	3151384	G	$9^*(8^{\wedge}7/6+5^{\wedge}4)+32-1$
2813684	P	$-(9-8)+7^*((6-(-5^{\wedge}4-3))^{\wedge}2-1)$	3153343	P	$-(9-(8+7))^{\wedge}6-(-5^*4)^{\wedge}(3+2)-1$
2821713	G	$9+(8^*7^{\wedge}6-5^{\wedge}4)^*3+2+1$	3153590	G	$-9+876/(5^*4^*3)^{\wedge}-2-1$
2822255	G	$-(9-8^*(-7^{\wedge}6+54))^*3+2^*1$	3154168	G	$-9+(8^*(7^*6^*5+4^*3))^{\wedge}2+1$
2823426	G	$9+(8^*7^{\wedge}6-54)^*3+2+1$	3159867	G	$-9^*(-8-(7^{\wedge}6-5^{\wedge}4))^*3+2+1$
2823714	G	$-(9-8^*-7^{\wedge}6+54)^*3+2+1$	3161727	G	$9^*8^{\wedge}7/6+(5^*4)^{\wedge}3^*2-1$
2831472	G	$9^*8^*-7^*(6-5^{\wedge}4/3^{\wedge}-2+1)$	3166199	G	$-9+(-8-765)^*(-4^{\wedge}(3^*2)^*1)$
2834980	G	$-(9-(8-7^*((6^*5)^{\wedge}4-3)))/2-1$	3177710	G	$-9-(8-7/(65-4)^{\wedge}-3)^*2+1$
2837520	G	$9^*8^*7^*(6-5^{\wedge}4^*-3^{\wedge}2-1)$	3178615	G	$(-9^*(-8-7^{\wedge}6)+5^{\wedge}4)^*3+2-1$
2852711	G	$-9+((8^*7+6-5^{\wedge}4)^*3)^{\wedge}2-1$	3186217	G	$-9+((8-7^*65)^*4+3)^{\wedge}2+1$
2868749	G	$(9^*8^*7+6)^*5^{\wedge}4^*3^{\wedge}2-1$	3187590	G	$(-9+8+(7^*6)^{\wedge}5)/(43-2)-1$
2868751	G	$(9^*8^*7+6)^*5^{\wedge}4^*3^{\wedge}2+1$	3187660	G	$-987+6^*(5+4)^{\wedge}(3^*2)+1$
2878848	P	$(-9-8)^*7^*6^{\wedge}5^*(-(4-(-3^{\wedge}-2+1)))$	3188535	P	$-(98+7)+6^*((5+4)^{\wedge}(3^*2)-1)$
2883505	P	$-9^*8-7+(-6-5)^*-4^{\wedge}-(-3^{\wedge}2^*1)$	3188718	P	$-(9-87)+6^*((5+4)^{\wedge}(3^*2)-1)$
2883560	P	$-(9+8)-7+(-6-5)^*-4^{\wedge}-(-3^{\wedge}2^*1)$	3192376	G	$-9+(8^{\wedge}7+6^{\wedge}5^*4)^*3/2+1$
2907133	P	$-(9-8^*7)+(6^*5)^{\wedge}4-3^{\wedge}2-1$	3193617	G	$9^*(8+(7^{\wedge}6+5^{\wedge}4))^*3+2+1$
2937559	P	$-9-8^*-((7+6)^{\wedge}5-4^{\wedge}(3^*2)-1)$	3224663	P	$-(9-8^{\wedge}7)-6^{\wedge}5^*(-(4^*3)^{\wedge}2-1)$
2937855	P	$-(9-(8-7))^{\wedge}6-(-5^*4)^{\wedge}(3+2)-1$	3236304	G	$-98+(7^*(65^*4-3))^{\wedge}2+1$
2941194	G	$9-(8-7^{\wedge}6^*5)^*(4+3-2)^*1$	3236383	P	$-(9+8)+(7^*(-65^*4+3))^{\wedge}2-1$
2941274	G	$9+(8^*7^{\wedge}6^*5)^*(4+3-2)^*1$	3239904	G	$(-9-87)^*(6^*5^{\wedge}4/-3^{\wedge}-2+1)$
2963268	P	$9^*((87^{\wedge}(-6-5)+4)+3)/2-1$	3239909	G	$-98+7+(6^*5)^{\wedge}4^*(3+2-1)$
2968576	G	$-98+76^*(5^{\wedge}(4+3)/2-1)$	3241691	G	$-98+((7^*6-5)^*4)^{\wedge}3-2-1$
2968653	G	$-98+76^*5^{\wedge}(4+3)/2+1$	3248127	G	$9^*8^{\wedge}7/6+(5^*4^*3)^{\wedge}2-1$
2969967	G	$-9+8^*((7+6)^{\wedge}5-(43+2+1))$	3250799	G	$-9+((8+7)^*6^*5^*4+3)^{\wedge}2-1$
2969999	G	$-9+8^*((7+6)^{\wedge}5-(43-2)-1)$	3250944	P	$(9-8^*7)^*(-65^*4+3)^{\wedge}2+1$
2970238	G	$-9+(8^*((7+6)^{\wedge}5-4^*3)-2)+1$	3256794	G	$-9+(8^{\wedge}7-6^*5^{\wedge}(4+3))^*2-1$
2970551	G	$-9+8^*((7+6)^{\wedge}5-(4-32)-1)$	3265239	G	$-9+(8+7^*(65^*4-3))^{\wedge}2-1$
2984183	P	$-(9/(8-7))^{\wedge}6+(5^{\wedge}4^*3)^{\wedge}2-1$	3279560	P	$-(9+8)-7^*(-(6+5)^{\wedge}4^*32+1)$
2986344	G	$(9+87^*6)^*(5^{\wedge}4^*3^{\wedge}2-1)$	3279576	P	$-(9-8)-7^*(-(6+5)^{\wedge}4^*32+1)$
3001248	G	$-9+(((8-7+6)^*5)^{\wedge}4+3)^*2+1$	3281026	G	$-98+7^*6^*(5^{\wedge}(4+3)-2-1)$
3006748	G	$-9+((8-7^*6)^*(54-3))^{\wedge}2+1$	3281061	G	$-98+7^*(6^*(5^{\wedge}(4+3)-2)-1)$
3009158	G	$-9^*(8+7-6^{\wedge}5^*43+2)-1$	3281156	P	$-(9+8)-7^*(6^*(-5^{\wedge}(4+3)+2)-1)$
3009450	G	$9^*(8+7+6^{\wedge}5^*43)+2+1$	3281172	P	$-(9-8)-7^*(6^*(-5^{\wedge}(4+3)+2)-1)$
3023976	G	$-9-(8-7/(6+54)^{\wedge}-3)^*2+1$	3281194	G	$-98+7^*6^*((5^{\wedge}(4+3)+2)-1)$
3034122	G	$(-9+87)^*((6^{\wedge}5+4)^*(3+2)-1)$	3281316	G	$-9-8-7^*-6^*(5^{\wedge}(4+3)+2)-1$
3034649	P	$-(9-8^{\wedge}7)+6^*(5^{\wedge}(4+3)^*2+1)$	3281340	P	$-(9-8)+7^*(6^*(5^{\wedge}(4+3)+2)+1)$
3048247	P	$-9-8^*(-7+6^{\wedge}5^*(-(4+3)^{\wedge}2-1)$	3284990	G	$-9+876^*5^{\wedge}4^*3^*2-1$
3048886	G	$98^*(7+6^{\wedge}5^*4)+3^{\wedge}2-1$	3292507	P	$-9+87^{\wedge}-(6-(5+4))^*(3+2)+1$
3055407	G	$-98+(76^*(5^*4+3))^{\wedge}2+1$	3294240	G	$(9+8+7^{\wedge}(6+5-4))^*(3+2)-1$
3055486	P	$-(9+8)+(76^*(5^*4+3))^{\wedge}2-1$	3294311	G	$98^*(7^{\wedge}6+5)/(4+3)/2-1$
3057143	G	$-9+8^{\wedge}7+6/(5^*4)^{\wedge}(-3-2+1)$	3294460	G	$(9^*8+7^{\wedge}(6+5-4))^*(3+2-1)$
3058928	G	$-9^*8+((7^*6-5^{\wedge}4)^*3)^{\wedge}2-1$	3307063	G	$-9+8^*(7^*(6+(5+4)^{\wedge}(3+2))-1)$
3070704	G	$(98-7)^*6^*(5^{\wedge}4^*3^{\wedge}2-1)$	3310753	G	$((9+8)^*7^{\wedge}6+5^*4^{\wedge}(3^{\wedge}2^*1))$
3070794	G	$-9-8^{\wedge}7+65^*43^{\wedge}(2+1)$	3312142	G	$-9+8^{\wedge}7+(6^*5)^{\wedge}4^*3/2-1$
3078454	G	$987^*(-6+5^{\wedge}(4-(-3+2)))^*1$	3317720	P	$-(9-8-7^{\wedge}6)-(-5^*4)^{\wedge}(3+2)-1$
3080120	G	$-9^*8+(7^*6+5)^*4^{\wedge}(3^{\wedge}2-1)$	3317887	G	$-9+8^*((7-(654-3))^{\wedge}2+1)$

3335032	P	$-(9+(8*7-6^5)*432)+1$	3515751	G	$(-9-8)^*-7+6+(5^4*3)^2+1$
3340718	G	$(98-(7+6)^5+4)^*-3^2-1$	3515768	G	$(-9-(8+7))^*-6+(5^4*3)^2-1$
3340972	P	$9^*-(8-(7+6)^5+4^3+2)+1$	3515813	G	$9^*(8+7+6)+(5^4*3)^2-1$
3341498	G	$-9^*(8-(7+6)^5+4)-32+1$	3516076	G	$9^*(8^7-6)+(5^4*3)^2+1$
3342124	P	$9^*-(8-(7+6)^5-4^3+2)+1$	3516098	G	$(9^*8+7)^*6+(5^4*3)^2-1$
3342221	P	$(9-87)/-((-65-4)^3)^2-1$	3516172	P	$-(-98+7)^*6+(5^4*3)^2+1$
3348438	P	$-(9-8)+(-7+6^5)^*(432-1)$	3516202	G	$(-9-87)^*-6+(5^4*3)^2+1$
3351455	P	$-(-9+8)^7+6^5*(432-1)$	3516256	G	$(-98-7)^*-6+(5^4*3)^2+1$
3356192	G	$-9-8+(-7+6^5)^*432+1$	3516380	G	$-9^*(-8-76)+(5^4*3)^2-1$
3356226	G	$9+8+(-7+6^5)^*432+1$	3516461	G	$-9^*(-87-6)+(5^4*3)^2-1$
3362240	G	$-9-8+(7+6^5)^*432+1$	3516898	G	$-98^*(-7-6)+(5^4*3)^2-1$
3365704	P	$-9-(8+(7+6^5))^*432+1$	3516918	G	$(-9-8)^*-76+(5^4*3)^2+1$
3370823	G	$-9^*8+((-7-(6-5^4))^3)^2-1$	3519366	P	$-9+(-8-7)^6-5^4*3)^2-1$
3370878	G	$-9-(8-((-7-6+5^4)^3))^2+1$	3526776	G	$9^*(-8^7+6+54^3)/(-2^*1)$
3370886	G	$-9+((8-76)^*(5+4)^3)^2-1$	3526811	G	$-9^*8+((-7+6-5^4)^3)^2-1$
3374687	G	$-98+7^6*5^*(4^3-2)+1$	3526866	G	$-9-(8-((-7+6-5^4)^3))^2-1$
3374768	P	$-(9+8)-7^6*5^*(-4^3+2)+1$	3540001	G	$(-9-876)^*(5^*-4)^3/2+1$
3374774	P	$-(9+8)-7^*(6^5*5^*(-4^3+2)-1)$	3540113	G	$9^*8^7/6+(5^4+3)^2+1$
3374790	P	$-(9-8)-7^*(6^5*5^*(-4^3+2)-1)$	3545681	G	$-9+(8+((7-6)^5)^4*3)^2+1$
3381913	G	$-9+((8-7^*6)^5*4-3)^2+1$	3556925	G	$-9^*8+(7+(-6-5^4)^3)^2+1$
3382054	P	$-(9+8)+7^*(6+5)^4*(32+1)$	3556986	G	$-9+(8-(-7+6-5^4)^3)^2-1$
3382070	P	$-(9-8)+7^*(6+5)^4*(32+1)$	3559425	G	$(9^*8+7)^*(-6-5)^*-4^3+1$
3389184	G	$-98+(7^*(65^4+3))^2+1$	3570109	G	$-9-8-(((7-6)^5)^4/(-3-2)-1)$
3389263	P	$-(-9+8)+(7^*(65^4+3))^2-1$	3579656	G	$-9+(8-(7-(-6-5^4)^3))^2+1$
3392956	G	$-9+(8+7+(6-5^4)^3)^2+1$	3582946	P	$-(-9^*8^7-((-6-5^4)^3)^2)+1$
3397905	P	$-(-9^*8+7^6)+(5^4*3)^2+1$	3583345	G	$-98-7+((-6-5^4)^3)^2+1$
3400326	G	$-9+(8-(7+6-5^4)^3)^2-1$	3583354	G	$-9-87+((-6-5^4)^3)^2+1$
3407790	G	$-9-8+(-7-6)^*(5-4^4(3^2*1))$	3583359	P	$-(-98-7)+((-6-5^4)^3)^2+1$
3407857	G	$-9+8^7-6+5^4*(3^2*1)$	3583454	G	$-9+8+7+((-6-5^4)^3)^2-1$
3407869	G	$-9+8^7+6+5^4*(3^2*1)$	3584136	G	$98^7+((-6-5^4)^3)^2+1$
3422429	G	$-9^*8+(7+(6-5^4)^3)^2+1$	3584233	G	$9^*87+((-6-5^4)^3)^2+1$
3433599	G	$-9+(8^*(7-65)^4+3)^2-1$	3587228	G	$-9+(8-(7+(-6-5^4)^3))^2+1$
3440576	G	$9^*8^7/6+543^2-1$	3592439	G	$-9^*8+7^6*5^*(4^3+2)-1$
3441017	G	$-9+((8+7^*65)^4+3)^2+1$	3592496	P	$-(-9+8)+7^6*5^*(4^3+2)+1$
3445664	G	$(-9+8^*7)^*(6^5+4^4(3^2-1))$	3592502	P	$-(-9+8)+7^*(6^5*(4^3+2)+1)$
3447946	P	$-(-9^*8^7-((-6+5^4)^3))^2+1$	3592518	P	$-(-9-8)+7^*(6^5*(4^3+2)+1)$
3448345	G	$-98-7+((-6+5^4)^3)^2+1$	3601980	G	$-9+(8+7-6)^5*(4^3-2-1)$
3448354	G	$-9-87+((-6+5^4)^3)^2+1$	3608567	G	$-9+(-876-5)^*(-4^3(3^2)^*1)$
3448359	P	$-(-98-7)+((-6-5^4)^3)^2+1$	3609929	G	$-9^*8+(7-(-6-5^4)^3)^2+1$
3448454	G	$-9+(8+7+((6-5^4)^3))^2-1$	3613791	P	$-9+(8^7+((6-5^4)^3))^2-1$
3449136	G	$98^7+((6-5^4)^3)^2+1$	3633203	P	$-(-9^*8-7^6)+((5^4*3)^2+1)$
3449233	G	$9^*87+((6-5^4)^3)^2+1$	3636639	G	$-9+(8^7*(6^5+4)+3)^2-1$
3452156	G	$-9+(8-(7+(6-5^4)^3))^2+1$	3640456	G	$-9+(8+7-(-6-5^4)^3)^2+1$
3455012	G	$-987+(6^5*4)^3*2-1$	3645684	P	$-9+(-8-7^6+54)^*-32-1$
3456032	G	$9+8+(7-(6^*-5^4)^3)^*2+1$	3659079	P	$-(-9+8)+7^*((6-(5+4)^3)^2-1)$
3456092	P	$-(-98+7+(6^5*4)^3)^2+1$	3663323	G	$-9^*8+((7+(6+5^4))^3)^2-1$
3469294	G	$-9-8+7^*((-6-5)^4*3)^2-1$	3663378	G	$-9-(8-((-7-(6+5^4)^3))^2)-1$
3470761	G	$-9+((87+6)^5*4+3)^2+1$	3667640	G	$-9-8^7+(6+5-4)^3(3^2-1)$
3474425	G	$-9^*8+(7-(6-5^4)^3)^2+1$	3668327	G	$-9-8^7*(6^5-4^4(3^2-1))$
3483565	G	$-98+7^*(6^5*4^3+2)+1$	3670063	G	$-9+8^7*(6-5+4^4(3^2-1))$
3483618	G	$(9-8^*(7^*-6^5*4+3))^*2+1$	3671882	G	$(9+8)^*(-7+(6+54)^3)^2-1$
3485681	G	$-9+(8+(-7+6)^5*5^4*3)^2+1$	3671884	G	$(9+8)^*(-7+(6+54)^3)^2+1$
3496890	G	$-9+(8+(-7+6-5^4)^3)^2-1$	3685616	G	$-9^*87+(6^5*4^3)^2-1$
3504311	G	$-9^*8+((7-6-5^4)^3)^2-1$	3685713	G	$-98^7+(6^5*4^3)^2-1$
3504366	G	$-9-(8-((-7+6+5^4)^3))^2-1$	3685897	P	$9^*-8^7-((-6^5*4^3)^2-1)$
3504376	G	$-9+(8+7-(6-5^4)^3)^2+1$	3686294	P	$-(-98+7)+(6^5*4^3)^2-1$
3507742	G	$-9^*876+(5^4*3)^2+1$	3686303	P	$-(-9+87)+(6^5*4^3)^2-1$
3508178	G	$-98^7+6+(5^4*3)^2+1$	3686310	P	$-(-98-7)+(6^5*4^3)^2+1$
3509704	G	$-98^7+6+(5^4*3)^2+1$	3686413	G	$98/7+(6^5*4^3)^2-1$
3511866	G	$-9+((8-7)^6-5^4*3)^2-1$	3694074	G	$-9+(8-(-7-6-5^4)^3)^2-1$
3513175	P	$-(-9-8)-76^*(-(5^4*3)^2-1)$	3697585	G	$(-9-8)^*(-7^*(6^5*4-32)-1)$
3513193	P	$-(-9-8)-76^*(-(5^4*3)^2-1)$	3701358	G	$(-9-8)^*(7^6*5^*-4+3-2)-1$
3515068	G	$9^*(-8^7-6)+(5^4*3)^2+1$	3701407	G	$(9+8)^*7^6*5^4+32-1$
3515158	P	$-(-9+87)^*6+(5^4*3)^2+1$	3701409	G	$(9+8)^*7^6*5^4+32+1$
3515320	G	$9^*(8+7^*-6)+(5^4*3)^2+1$	3713319	G	$-9+((8^7-6^5)/4+3)^2-1$
3515342	G	$(9-8^*7)^*6+(5^4*3)^2-1$	3717176	G	$-9+(8^*(-7^*(6^5+4)-3))^2+1$
3515381	P	$-9-((-8-7)/6)+(5^4*3)^2-1$	3720051	P	$-(-9^*(8-7))^6+5^*-4+3-2+1$
3515576	P	$-(-9+8)+7)^*6+(5^4*3)^2-1$	3728264	P	$-9-((-8^7+6)+5)^*(4/3)^2-1$
3515588	G	$(-9+8+7)^*-6+(5^4*3)^2-1$	3734391	G	$-9+(8+7)^*((6^5+4)^3*2)^2+1$
3515687	G	$9^*(8-7+6)+(5^4*3)^2-1$	3744504	P	$-(-9+(8-7^6+5^4)^3)^2+1$

3745016	P	$-(9-(8+7^6-5^4)*32)+1$	3998822	G	$((9+8)*7^6-5^4+3)*2*1$
3748298	P	$-(9+8-((7+6^5)^4-3)^2)-1$	3998980	G	$((9+8)*7^6-543)*2*1$
3749831	G	$-9-8*(7-6*(5^4(4+3)-2)+1)$	3999636	G	$((9+8)*7^6-5^4+3)*2*1$
3750151	G	$-9+8*(7+6*(5^4(4+3)+2)+1)$	3999952	G	$((9+8)*7^6-54-3)*2*1$
3762497	G	$(-9-(8-7^6+54))*32+1$	4000090	G	$((9+8)*7^6+5+4+3)*2*1$
3764200	G	$9*8+(7^6-5^4)*32*1$	4000091	G	$((9+8)*7^6+5+4+3)*2+1$
3764227	G	$98+(7^6-5^4)*32+1$	4000112	G	$((9+8)*7^6+5^4+3)*2*1$
3764344	P	$-9-(-(-8+7^6)+5)*4^3/2+1$	4000113	G	$((9+8)*7^6+5^4+3)*2+1$
3764585	G	$9-8*(7^6-5)^*-4-32*1$	4000142	G	$((9+8)*7^6-5+43)*2*1$
3764662	G	$-9+(-8+7^6+5)/(4^4-3^2)-1$	4000162	G	$((9+8)*7^6+5+43)*2*1$
3764755	P	$((-9-8*-7^6+5)*4+3)^*(-(-2+1))$	4000168	G	$((9+8)*7^6+54-3)*2*1$
3764911	P	$-(9+8)+(7^6+5)/(4^4-3*(2*1))$	4000180	G	$((9+8)*7^6+5^4+3)*2*1$
3764984	P	$-(9-(8+7^6-5+4)*32)+1$	4000496	G	$((9+8)*7^6+5^4+3)*2*1$
3765021	G	$(9/8-(7^6+5+4))^*-32+1$	4001152	G	$((9+8)*7^6+543)*2*1$
3765026	G	$98+(7^6+5)/(4^4-3*(2*1))$	4001310	G	$((9+8)*7^6+5^4-3)*2*1$
3765048	P	$-9-(8+7^6+(5-4))*32+1$	4001322	G	$((9+8)*7^6+5^4+3)*2*1$
3765480	G	$9*8+(7^6+5^4)*32*1$	4002123	P	$98*7^*- (6^5/-4*3-2)-1$
3765505	G	$98+(7^6+5^4)*32-1$	4003928	G	$-9*8+((7^6+5^4)^3)^2-1$
3765507	G	$98+(7^6+5^4)*32+1$	4003993	G	$-9+(87*(-65-4)/3)^2+1$
3766232	G	$-9+(-8-(-7^6-54))*32+1$	4021043	G	$-9-87*(6-(5^4+3))^2-1$
3766785	G	$(9*8+7^6-5-4)*32+1$	4030465	G	$(-9+(-8-7)^*65)^*-4^4(3^2)+1$
3767103	G	$(9*8+7^6+5-4)*32-1$	4032054	G	$-9+(8-7^6*(5+43))^2-1$
3767377	G	$-98-7+(6^5/4-3)^2+1$	4038023	P	$(-9-8^7)-6-5^4(4+3)*2-1$
3767386	G	$-9-87+(6^5/4-3)^2+1$	4049977	G	$-9-8-7+(6^5)^4*(3+2)+1$
3767404	G	$9-87+(6^5/4-3)^2+1$	4058888	P	$-9-87*(6^4(5+4-3)-2)-1$
3767468	G	$-98/7+(6^5/4-3)^2+1$	4059238	P	$-9-87*(6^4(5+4-3)+2)+1$
3767527	P	$-(9-8*7)+(6^5/4-3)^2-1$	4063533	P	$-9+(8*7+6)^*(-(-5-4^4-(-3^2+1)))$
3767573	G	$98-7+(6^5/4-3)^2+1$	4064157	G	$-98+(7^6*(5+43))^2-1$
3767599	G	$(9+8)*7+(6^5/4-3)^2-1$	4064238	P	$-(9+8)+(7^6*(5+43))^2-1$
3779909	G	$-98-7*((6^5)^4/-3^2-1)$	4084423	P	$-(9+8)+((7^6+5)^4)^2-1$
3779990	P	$-(9+8)-7*((6^5)^4/-3^2-1)$	4084605	G	$(98+7)*((6^5+4)^3(3+2)+1)$
3781551	P	$-9+(9+8)+7*((6+5+4)^3)^2-1$	4094034	P	$-(9+8)+(7+6)^*(54^3*2-1)$
3783967	G	$-9-8/7^6-6*(-5-(-4-3)^-2+1)$	4094040	G	$-9-(8-(7+6)*54^3)*2+1$
3790705	P	$-(98+7)+(6^5/4+3)^2+1$	4094139	G	$((-9-8)*(7-6^5)-4)^*(32-1)$
3790714	P	$-(9+87)+(6^5/4+3)^2+1$	4096566	G	$-9+(8+7^6*(5+43))^2-1$
3790796	G	$98/7+(6^5/4+3)^2+1$	4096774	G	$-9+(8+(7+6^5+4)^3)*2+1$
3790855	P	$-(9-8*7)+(6^5/4+3)^2-1$	4102022	G	$-9-8*(7-6^5)*(4^3+2)-1$
3790901	G	$(98-7)+(6^5/4+3)^2+1$	4105664	G	$-9-8*(7-6^5*(4^3+2))+1$
3790927	G	$(9+8)*7+(6^5/4+3)^2-1$	4107490	G	$-9^8+(7+6)^5*(4^3*2)-1$
3810296	G	$-9+(9+8)+7*((6+5+4)^3)^2-1$	4117429	G	$-9+(-8+7^6)*5*(4+3)+2+1$
3822015	G	$-9+((8*7+6^5)/4-3)^2-1$	4117719	G	$(9-8+7^6(6+5-4))^*(3+2)-1$
3824999	G	$(98*7-6)/5^4-4^3*2-1$	4117721	G	$(9-8+7^6(6+5-4))^*(3+2)+1$
3833021	G	$-(9-8+(-7-6)^*-543^2+1)$	4117731	G	$9+8+7^6(6+5-4)^*(3+2)-1$
3843816	G	$((9+8)*7^6-5^4(4+3))^2*1$	4117784	G	$9*8+7^6*5*(4+3)-2-1$
3848256	G	$9*(8+76*(5^4*3^2+1))$	4117790	G	$9*8+7^6*5*(4+3)+2+1$
3849310	G	$-9*(8+7)+(654^3)^2+1$	4117815	G	$98+7^6*5*(4+3)+2*1$
3849429	G	$-98/7+(654^3)^2-1$	4117989	G	$-9+(-8-7^6)*-5*(4+3)+2+1$
3849457	G	$98/7+(654^3)^2-1$	4118216	G	$(9*8+7^6*5)^*(4+3)-2-1$
3849564	G	$(-9-8)^*-7+(654^3)^2+1$	4118218	G	$(9*8+7^6*5)^*(4+3)-2+1$
3849580	G	$-9*(-8-7)+(654^3)^2+1$	4118220	G	$(9*8+7^6*5)^*(4+3)+2-1$
3856832	G	$-9-8*(7-6^5*(4^3-2))+1$	4118222	G	$(9*8+7^6*5)^*(4+3)+2+1$
3856944	G	$-9+8*(7+6^5*(4^3-2))+1$	4132080	G	$-9+(8^7-6^5*4-3)^2-1$
3860358	G	$-9+8*(7+6^5)*(4^3-2)-1$	4156316	G	$((9+8)*7^6+5^4(4+3))^2*1$
3862180	G	$98*7*(6-5^4*-3^2-1)$	4156632	P	$(9*8/7^6-6-54^3)/(-(-2*1))$
3863552	G	$98*7*(6-5^4*-3^2+1)$	4174860	G	$-9-87*(-6*((5^4)^3-2)+1)$
3866231	P	$-(9-8^7)+6*(543^2-1)$	4175816	P	$-(9-87*(6*(5^4)^3-2))-1$
3866238	G	$-9+8^7+6*543^2+1$	4176164	G	$-9-87*(6*(-5^4)^3-2)-1$
3886851	G	$9*8*7*(6^5-4^3)+2+1$	4177926	G	$-9+(8-76*(5+4)^3)^2-1$
3892499	G	$(98*7+6)*5^4/3^2-1$	4178284	G	$-9+(-8^7+6+(5^4)^3)^*-2+1$
3906140	G	$-9+(8*7-6)*(5^4(4+3)-2)-1$	4178308	G	$-9+(-8^7-6-(5^4)^3)^*-2+1$
3936248	G	$-9+((8-7+6^5)*4^3)^2+1$	4178830	G	$-9+(8^7-6^5+43)^2+1$
3936590	G	$-9+(8*7-6)*5^4/3^2-1$	4186790	P	$-(9+(-8^7-6*-5^4+3)^2)+1$
3947364	G	$9*8*(7^6+(-5^4)^3)/(2*1)$	4188808	G	$-9+(8^7+(6-5^4)^3)^2+1$
3950351	G	$9*8*7*(6^5+4^3-2)-1$	4195742	P	$-(9+(-8^7+6-(5+4)^3)^2)+1$
3951363	G	$9*8*7*(6^5+4^3)+2+1$	4199784	G	$-9+(8^7-(6-5^4)^3)^2+1$
3952369	G	$9*8*7*(6^5+4^3+2)+1$	4201790	P	$-(9-(8^7+6^5*4-3)^2)+1$
3972001	G	$(-987-6)^*(5^4-4)^3/2+1$	4209753	G	$(-9+8^7-(-6^5+43))^2+1$
3982527	G	$-9-8-7*(6^4(5+4)/-3^2*1)$	4209762	P	$-(9+(-8^7-6^5+43)^2)+1$
3982534	G	$-9^8-7*(6^4(5+4)/-3^2-1)$	4210284	G	$-9+(-8^7+6-(5^4)^3)^*-2+1$
3998810	G	$((9+8)*7^6-5^4-3)*2*1$	4210308	G	$-9+(-8^7-6+(5^4)^3)^*-2+1$

4210686	P	$-(9+8)+(76*(-5-4)*3)^2-1$	4370624	G	$(9*87-6)/5^4-4*3^2-1$
4212756	P	$9*8*(-(7^6-5^4)+3)/(2*1)$	4404495	G	$-9+8*((-7-6-(5+4)^3)^2-1)$
4212972	G	$9*8*(7^6-5^4+3)/(2*1)$	4408290	G	$9*87*(6-5^4*3^2-1)$
4215364	G	$(9/8*7^6-5^4)*32*1$	4409856	G	$9*87*(6-5^4*3^2+1)$
4218245	P	$-(9*(8*7-6*5^4(4+3))+2)+1$	4422593	G	$-9-8+((-76-5^4)*3)^2+1$
4219251	P	$-(9*(-8*7-6/5^4(-4-3))+2)-1$	4426808	G	$-9+(8*((-7-6)^5-5^4+3))^2+1$
4223563	P	$(-9+8^7-((6+5)^4+3))^2+1$	4431015	G	$-9+((87^6-6*5)^4-3)^2-1$
4223844	G	$9*8*(7^6-5/4^3)/(2*1)$	4438124	G	$(9*87+6)*5^4/3^2-1$
4225761	G	$(-9+8/7)*(6-5^4)^3+2+1$	4443443	G	$(-9-8)*(765-4^4(3^2*1))$
4227624	G	$9*8*(7^6-5^4*3)/(2*1)$	4455458	G	$-9+8*((7+6)^5-4)^3/2-1$
4229448	G	$-9+(8^7+(6+5^4)^3)^2+1$	4456311	G	$-9+((87*6+5)^4+3)^2-1$
4229532	G	$9*8*(7^6-54^3)/(2*1)$	4462920	G	$9*8*((-7+6^5/4)^3+2+1)$
4232538	G	$9*(8*7^6-5^4-3)/(2*1)$	4470731	G	$9*8-7^6*(5-43)^2-1$
4232550	P	$(9*(-8*7^6+5^4)+3)/(2*1)$	4470733	G	$9*8-7^6*(5-43)^2+1$
4232553	G	$(9*(8*7^6-5^4)+3)/(2*1)$	4470735	G	$9*8-7^6*(5-43)^2+1$
4232565	P	$9*(-(8*7^6+5^4)+3)/(2*1)$	4470737	G	$9*8-7^6*(5-43)^2+1$
4232880	G	$9*8*(7^6-(5+4^3))/(2*1)$	4478783	G	$-9+8+(7+6)^5*(4*32*1)$
4233240	G	$9*8*(7^6+5-4^3)/(2*1)$	4478846	G	$(-9-8*(7-6^4(-5+4^3)))^2*1$
4233636	G	$(9/8*7^6-54)*32*1$	4478882	G	$(9-8*(7-6^4(-5-4^3-3)))^2*1$
4233924	G	$9*(8*7^6-5*4^3)/(2*1)$	4478962	G	$-9-(8-(7+6^5/4)/3)/2-1$
4234104	P	$9*8*(7^6-5*(4+3))/(2*1)$	4479070	G	$(-9+8*(7+6^4(-5+4^3)))^2*1$
4234392	G	$9*8*(7^6+(-5-4)*3)/(2*1)$	4479106	G	$(9+8*(7+6^4(-5+4^3)))^2*1$
4234536	P	$9*8*(-(7^6-5^4)+3)/(2*1)$	4487631	P	$-(9+8)+76*((5+4)^3+2)-1$
4234716	G	$9*8*(7^6-54/3)/(2*1)$	4487647	P	$-(9-8)+76*((5+4)^3+2)-1$
4235178	G	$9*(-8*(-7^6+5)-4/3)/(2*1)$	4523364	G	$9*8*(7^6-(5^4)^3)/(2*1)$
4235190	P	$(9*8*(-7^6+5)-4^3)/(2*1)$	4540724	P	$9*-(8-(7^6+5^4-3)^2)-1$
4235332	G	$(9/8*7^6-54)*32*1$	4553946	G	$-9+(8-7^6*(54-3))^2-1$
4235396	G	$(9/8*7^6+54)*32*1$	4568021	P	$9*87*(6^5/4^3-2)-1$
4235538	G	$(9*8*(7^6+5)-4^3)/(2*1)$	4574286	G	$-9-(((8-7^6)^5+4)^3+2)+1$
4235550	G	$9*(8*(7^6+5)+4/3)/(2*1)$	4575304	G	$-9+((8*7-6+5)^4+3)/2-1$
4235592	G	$9*8*(7^6+5+4/3)/(2*1)$	4582902	P	$-9-8^7*(6-(5/4)^3+2)-1$
4235628	P	$-(9*(-8-7^6)+5)^4-3-2+1$	4588065	G	$-98+(7*6^5(54-3))^2-1$
4236336	G	$9*8*(7^6-(5-4)*3)/(2*1)$	4588146	P	$-(9+8)+(7^6*(54-3))^2-1$
4236732	G	$9*8*(7^6-(5-43))/(2*1)$	4599102	G	$-9-(8-7/(65+4)^3)^2+1$
4237092	G	$(9/8*7^6+54)*32*1$	4601015	G	$-9+(((8+7)^6+5^4)^3)^2-1$
4237488	G	$9*8*(7^6-(5-4^3))/(2*1)$	4620288	G	$(-98+76^5)^4(3^2+1)$
4237524	G	$9*8*(7^6-5^4-3)/(2*1)$	4622490	G	$-9+(8+7^6*(54-3))^2-1$
4237848	G	$9*8*(7^6+5+4^3)/(2*1)$	4667528	G	$-9-8-(7^6)^5/(4-32)+1$
4238163	G	$-9*(-8*7^6-5^4+3)/(2*1)$	4669567	G	$-9+8*((765-(4-3))^2+1)$
4238175	P	$(9*(-8*7^6-5^4)+3)/(2*1)$	4681799	G	$-9+8*((765/(4-3))^2+1)$
4238178	G	$(-9*(-8*7^6-5^4)+3)/(2*1)$	4703317	G	$-98*(7-6*(5^4)^3)+2+1$
4238190	G	$9*(8/7^6+6+(5^4+3))/(2*1)$	4705608	G	$9*((-8+7^6)^5-5+4)^3(3^2-1)$
4241196	G	$9*8*(7^6+54^3)/(2*1)$	4705626	P	$-(9+((8-7^6)^5*4+3)^2)+1$
4243104	G	$9*8*(7^6+5^4*3)/(2*1)$	4705806	G	$(9-8*(7^6+5))^4(3^2+1)$
4243448	G	$-9+8^7*(6-(5/4)^3)/2+1$	4705824	G	$(9-8*(7^6+5)+4)^3(3+2)-1$
4243590	G	$-9+(8+76*(5+4)^3)^2-1$	4705866	G	$(-9-8*(7^6)^5-(4+3)^2+1$
4246884	G	$9*8*(7^6-5/4^3)/(2*1)$	4705887	P	$-(9-8/7^6-6)^5(5-4)-32*1$
4247711	G	$-9+((8*7+6+5^4)^3)^2-1$	4705895	G	$(-9-8*(7^6)^5-4*(3+2)^3$
4247789	G	$(98-7)*((6^5+4)^3+2)-1$	4705902	G	$(-9-8*(7^6)^5+(-4-3)^2+1$
4251502	P	$-(9-8*((7*(6+5)+4)^3-2))-1$	4705911	G	$((9-8*7^6)^5+4)/-3*(2+1)$
4255364	G	$(9/8*7^6+54)*32*1$	4705918	G	$(-9+8*7^6)^5(4-3)+2+1$
4256496	G	$-9+(8^7+6^5*4-3)^2-1$	4706047	G	$(-9-8*(7^6)^5-4*(-32-1)$
4257756	P	$9*8*(-(7^6+5^4)+3)/(2*1)$	4706078	G	$-9+8*7^6*5+4*32-1$
4257890	G	$(-9-8^7)*(6^5-4^4(3^2-1))$	4706150	P	$-(9-8*7^6)^5+4(3)^2+1$
4257972	G	$9*8*(7^6+5^4+3)/(2*1)$	4706171	G	$(-9-8*(7^6)^5+4^4(3+2)-1)$
4258701	G	$-98+7/(65^4*3)^2-1$	4706203	P	$-(9-8*(7^6)^5)^3+4+3)^2+1$
4258790	G	$-9-(8-7*((65^4*3)^2+1))$	4706276	G	$((9+8*7^6)+54)^3(3+2)+1$
4258794	G	$9-(8-7*((65^4*3)^2-1))$	4706649	G	$9+8*(7^6*5+43^2-1)$
4259975	G	$(9*(8+7)+65^4(3^2-1))$	4706665	G	$9+8*(7^6*5+43^2+1)$
4264233	P	$9+(-87^6-5)^4+3)^2-1$	4706938	G	$(-9-8*(7^6)^5+4^4(3+2)-1$
4271364	G	$9*(8*7^6+(5^4)^3)/(2*1)$	4706985	G	$9+8*(7^6*5+4*32-1)$
4289031	G	$-9+((87^6-5)^4-3)^2-1$	4707001	G	$9+8*(7^6*5+4*32+1)$
4300727	G	$-9*8-7^6*(5/4^3)^2-1$	4717818	G	$9*(8^7(7-6+5)-43)^2*1$
4302393	G	$-98*(7-(6+5)^4)^3-2-1$	4718464	G	$(9*8^7(7-6+5)-4^3)^2*1$
4309766	G	$-9+((8+76*(5+4))^3)^2-1$	4718506	G	$(9*8^7(7-6+5)-43)^2*1$
4313921	G	$-9+(-8*(-7-6)^5*4-3)^2+1$	4718513	G	$(9*(8^7(7-6+5)-4)-3)^2-1$
4314096	P	$(9*8/7^6+6+54^3)/(-2*1)$	4718514	G	$(9*(8^7(7-6+5)-4)-3)^2*1$
4323417	G	$98*(-7^6+5)/(4/-3*(2*1))$	4718670	G	$(9*(8^7(7-6+5)+4)^3)^2*1$
4338881	G	$-9+(8*(7+6)^5*4+3)^2+1$	4718671	G	$(9*(8^7(7-6+5)+4)^3)^2+1$
4350556	G	$-9+(8^7+6+5^4(4+3))^2-1$	4718678	G	$(9*8^7(7-6+5)+43)^2*1$

4718679	G	$(9*8^{\wedge}(7-6+5)+43)*2+1$	5239424	G	$-98+(7*(6*54+3))^{\wedge}2+1$
4718720	G	$(9*8^{\wedge}(7-6+5)+4^{\wedge}3)*2*1$	5239503	P	$-(9+8)+(7*(6*54+3))^{\wedge}2-1$
4719366	G	$9*(8^{\wedge}(7-6+5)+43)*2*1$	5242412	G	$((9-87)*6+5*4^{\wedge}(3^{\wedge}2+1))$
4719744	G	$9*(8^{\wedge}(7-6+5)+4^{\wedge}3)*2*1$	5242598	G	$((9-87)*6+5*4^{\wedge}(3^{\wedge}2+1))$
4723986	G	$-9+(8+7)*(6+54^{\wedge}3*2-1)$	5242804	G	$((-9+8)*(76-5*4^{\wedge}(3^{\wedge}2+1))$
4729024	P	$-9^{\wedge}8+((-7-65)*4)^{\wedge}3*2+1$	5243270	G	$((9+87)*6+5*4^{\wedge}(3^{\wedge}2+1))$
4735592	G	$9+87*6^{\wedge}5*(4+3)-(2-1)$	5243426	G	$((98-7)*6+5*4^{\wedge}(3^{\wedge}2+1))$
4770184	G	$-9+8*7*((((6+5)*4)^{\wedge}3-2)+1)$	5243456	G	$((9+87)*6+5*4^{\wedge}(3^{\wedge}2+1))$
4770408	G	$-9+8*7*((((6+5)*4)^{\wedge}3+2)+1)$	5243510	G	$((98+7)*6+5*4^{\wedge}(3^{\wedge}2+1))$
4778970	G	$9^{\wedge}(8-7+6)+(5*-4)^{\wedge}3/2+1$	5244172	G	$((9+8)*76+5*4^{\wedge}(3^{\wedge}2+1))$
4781251	G	$9*(-8+7*6)*5^{\wedge}(4*3/2)+1$	5252577	P	$(9^{\wedge}8-((-7-6)*5)^{\wedge}4*3)/-(2*1)$
4781713	G	$9^{\wedge}(8-7+6)-(5^{\wedge}4+3)*2*1$	5256160	G	$((-98-7)*(6^{\wedge}5-4^{\wedge}(3^{\wedge}2-1))$
4781725	G	$9^{\wedge}(8-7+6)-(5^{\wedge}4-3)*2*1$	5276199	G	$-9+(8+7*(6*54+3))^{\wedge}2-1$
4782439	G	$9^{\wedge}(8-7+6)-(5^{\wedge}4+3)^{\wedge}2-1$	5277492	G	$-9*(8-7^{\wedge}6*5+43^{\wedge}(2*1))$
4783497	G	$9^{\wedge}(8-7+6)+(5*4+3)^{\wedge}2-1$	5277636	G	$9*(8+7^{\wedge}6*5-43^{\wedge}(2*1))$
4784213	G	$9^{\wedge}(8-7+6)+(5^{\wedge}4-3)*2*1$	5293359	P	$-(98-7^{\wedge}6*5-4)^{\wedge}3^{\wedge}(2*1)$
4784225	G	$9^{\wedge}(8-7+6)+(5^{\wedge}4+3)*2*1$	5294089	G	$(9*(-8+7^{\wedge}6+5)+4)*(3+2)-1$
4786970	G	$9^{\wedge}(8-7+6)-(5*-4)^{\wedge}3/2+1$	5294179	G	$(9-8+7^{\wedge}6*5-4)*3^{\wedge}2+1$
4807392	G	$-9-8*(-7-6)/(5*43)^{\wedge}-2+1$	5294181	G	$9*(8+7^{\wedge}6)*5-43+2+1$
4810656	G	$-9-87*((6-54)^{\wedge}3/2+1)$	5294186	G	$9+8+(7^{\wedge}6*5-4)^{\wedge}3^{\wedge}(2*1)$
4825882	G	$-9+87*6*5*43^{\wedge}2+1$	5294233	G	$9*((-8+7^{\wedge}6)*5+43)+2-1$
4831107	G	$-98+(7*(6-5*4^{\wedge}3))^{\wedge}2+1$	5294267	G	$98+(7^{\wedge}6*5-4)^{\wedge}3^{\wedge}2*1$
4831133	G	$-9*8+(7*(6-5/4^{\wedge}-3))^{\wedge}2+1$	5294708	G	$-9*(-8-7^{\wedge}6)*5+(4*3)^{\wedge}2-1$
4842928	P	$(9-87)*(-6*54+3)^{\wedge}2+1$	5294718	G	$9*(8+7^{\wedge}6*5+428)^{\wedge}(2*1)$
4843864	G	$-9+(8*7+6)*(5^{\wedge}(4+3)+2)-1$	5295051	G	$(98+7^{\wedge}6*5-4)^{\wedge}3^{\wedge}2*1$
4859932	G	$-9+(-8+(-7+(6*5)^{\wedge}4)*3)*2-1$	5296413	G	$9*(8+7^{\wedge}6)*5+43^{\wedge}2-1$
4860514	G	$-9+(-87-(6*5)^{\wedge}4)*-3*2+1$	5297148	G	$-9+8^{\wedge}7+6+(5*4)^{\wedge}(3+2)-1$
4862767	G	$-9-8*(-76*((5*4)^{\wedge}3-2)+1)$	5308399	G	$-9+(8*(7-6+5))^{\wedge}4-3^{\wedge}2+1$
4863974	P	$-(9-8*(76*(5*4)^{\wedge}3-2))-1$	5310774	G	$-9*(8-7^{\wedge}6*5-43^{\wedge}(2*1))$
4875254	G	$-9+(8*(-7+6*5)*4*3)^{\wedge}2-1$	5310918	G	$9*(8+7^{\wedge}6*5+43^{\wedge}(2*1))$
4882806	G	$-9+(-8-7)/6*(-5^{\wedge}(4+3+2))-1$	5315617	P	$-(9-8)+7*((6+(5+4))^{\wedge}(3+2))-1$
4941296	G	$-9+(8+7^{\wedge}(6+5-4))^{\wedge}3*2-1$	5331600	P	$98*7*(-6^{\wedge}5+4)+3^{\wedge}2-1$
4943952	G	$9*(-8*7^{\wedge}6-54^{\wedge}3)/(-2*1)$	5334204	G	$98*7*6^{\wedge}5+4*(-32-1)$
4952197	G	$-9-8*(-76*5*4*(3*-2)-1)$	5334738	P	$-(-98*(7*6^{\wedge}5+4)-3^{\wedge}2)+1$
4978126	G	$(-9-876)/5^{\wedge}-4*-3^{\wedge}2+1$	5336787	G	$98*(7*(6^{\wedge}5+4)-3)+2-1$
5013111	G	$-9+(8-7*(6*54-3))^{\wedge}2-1$	5368481	G	$-9+((87*7*-6+5)*4+3))^{\wedge}2+1$
5025664	P	$(9-87)*(-6*54+3)^{\wedge}2+1$	5386228	G	$(9^{\wedge}8-7^{\wedge}(6^{\wedge}(5-4)+3))^{\wedge}(2*1)$
5029480	P	$-(-9+8)+(7+6)*((5^{\wedge}4+3)^{\wedge}2-1)$	5411476	G	$-9+(-8+7^{\wedge}6)*5*(5*4+3)*2-1$
5029488	P	$-(-9+8)+(-7-6)*((-5^{\wedge}4+3)^{\wedge}2-1)$	5412080	G	$-9+(87*6^{\wedge}5*-4+3)*2-1$
5029508	P	$-(-9-8)+(7+6)*(-5^{\wedge}4+3)^{\wedge}2-1$	5412110	G	$9+(87*6^{\wedge}5*4+3)*2-1$
5037121	P	$-9*(8+(-7-6*5)^{\wedge}4-3)*2+1$	5412156	G	$9*8+(7^{\wedge}6+5)*(43+2+1)$
5038773	G	$-9*8-(7-6^{\wedge}(5+4)-3)/2-1$	5412696	G	$-9-87*((6^{\wedge}5*4+3)*-2-1)$
5038982	G	$9*(8+7+6^{\wedge}(-5+4*3)*2)-1$	5440003	G	$(98*7-6)*(5*4)^{\wedge}3+2+1$
5038984	G	$9*(8+7+6^{\wedge}(-5+4*3)*2)+1$	5455073	G	$(9+8/7)*(-6+5*4)^{\wedge}(3+2)+1$
5048912	G	$-98+(7*(6*54-3))^{\wedge}2+1$	5471931	G	$-9*(8-76*(5*4)^{\wedge}3)+2+1$
5048991	P	$-(9+8)+(7*(-6*54+3))^{\wedge}2-1$	5483885	G	$98*-7*(6-(5*4)^{\wedge}3)+2-1$
5058696	G	$(9-8+(7^{\wedge}6-5)*43+2+1)$	5483887	G	$98*-7*(6-(5*4)^{\wedge}3)+2+1$
5058712	G	$9+8+(7^{\wedge}6-5)*43+2+1$	5491547	G	$-9+(87+6)*(5+4)^{\wedge}(3+2)-1$
5059125	G	$9-8+(7^{\wedge}6+5)*43+2*1$	5517793	P	$-(-9-(87*(6-5-4)^{\wedge}3)^{\wedge}2)+1$
5062492	G	$-9+(8+7)^{\wedge}6/(5/4+3-2)+1$	5553142	G	$-9+8^{\wedge}7-(6*5*-4)^{\wedge}3*2-1$
5085015	G	$-9+(8+7*(6*54-3))^{\wedge}2-1$	5555989	G	$9*(-8+7^{\wedge}6)*5+4^{\wedge}3^{\wedge}(2*1)$
5126980	G	$(9-8)+(7+6)*((5^{\wedge}4+3)^{\wedge}2-1)$	5584535	G	$(9+8)*(-7+(65+4)^{\wedge}3)+2-1$
5126988	P	$-(-9+8)+(-7-6)*((-5^{\wedge}4+3)^{\wedge}2-1)$	5584537	G	$(9+8)*(-7+(65+4)^{\wedge}3)+2+1$
5127008	G	$9+8+(7+6)*(5^{\wedge}4+3)^{\wedge}2-1$	5585626	G	$(-987-6)/5^{\wedge}-4*-3^{\wedge}2+1$
5131794	G	$-9+(8^{\wedge}7+6*5^{\wedge}(4+3))*2-1$	5606432	P	$-9+(87-6*-5+4)^{\wedge}3*2-1$
5142943	G	$(-9-8)*(7*-6)^{\wedge}5/432+1$	5607353	G	$-9*8+((7+6*5)*4^{\wedge}3)^{\wedge}2+1$
5143814	G	$-9+((8+76)*(5+4)*3)^{\wedge}2-1$	5607408	P	$-(-9+8)+((7*6-5)*4^{\wedge}3)^{\wedge}2+1$
5148351	G	$-9+(8*(76-5)*4-3)^{\wedge}2-1$	5609808	P	$-9-87/6*-(-5^{\wedge}4+3)^{\wedge}2-1$
5174974	G	$(9*8+7)*(-6*5+4^{\wedge}(3^{\wedge}2-1))$	5617152	P	$9*8*(7^{\wedge}6-5^{\wedge}4)/(-3/2*1)$
5176475	P	$(9*8+7)*(-6+5-4^{\wedge}(3^{\wedge}2-1))$	5620952	G	$-9+8*76*5*4^{\wedge}2+1$
5176848	G	$9*8+(7^{\wedge}6+5)*(43+2-1)$	5621831	P	$9*8*-(-(-7*6+5^{\wedge}(4+3))+2)-1$
5177265	P	$(9*8+7)*(-6-(5+4^{\wedge}(3^{\wedge}2-1)))$	5624062	P	$-(-9*8*(7+6-5^{\wedge}(4+3))+2)*1$
5186955	P	$(-9^{\wedge}8-(7*-6)^{\wedge}5/4+3)/-(2*1)$	5624783	P	$9*8*-(-7-(6+5^{\wedge}(-4-3))+2)-1$
5186958	G	$(9+8-(7*6)^{\wedge}5/4+3)/(2*1)$	5643402	G	$9*(-8*7^{\wedge}6+5+4)/(-3/2*1)$
5198076	G	$-9-(8-(7+6)^{\wedge}5*(4+3))*2-1$	5644560	G	$9*8*(-7^{\wedge}6+54)/(3/-2*1)$
5198392	G	$-9+(8*76*5/4*3)^{\wedge}2+1$	5644578	G	$(9+8*(7^{\wedge}6-54)*3)*2*1$
5202951	G	$-9+(8-7*(6*54+3))^{\wedge}2-1$	5646192	G	$9*8*(7^{\wedge}6-5*4)/(3/2*1)$
5207427	G	$-98+(7*(6-5*-4^{\wedge}3))^{\wedge}2+1$	5646210	G	$(9+8*(7^{\wedge}6-5*4)*3)*2*1$
5207453	G	$-9*8+(7*(6-5/-4^{\wedge}-3))^{\wedge}2+1$	5646720	G	$9*8*(7^{\wedge}6-5-4)/(3/2*1)$
5225576	G	$-9-8*-7*(6^{\wedge}5*4*3+2)+1$	5646828	G	$9*(8*7^{\wedge}6-54)/(3/2*1)$

5646837	G	$9+(8*7^6-54)*3*2*1$	5937711	G	$-9-8-76*(-5^(4+3)-2-1)$
5647032	G	$9*(-8*7^6+5*4)/(3/-2*1)$	5962490	G	$-9^8+(7*6)^5/4*3/2-1$
5647079	G	$9*-8+7^6*(54-3*2)-1$	5983561	G	$-9*8+76*54^3/2+1$
5647167	G	$9+8+7^6*(5+43)-2*1$	5997591	G	$-9+((8*7-6-5)*-4-3)^2-1$
5647215	G	$9+(8*7^6+5+4)*3*2*1$	5999936	G	$((9+8)*7^6-54)*3-2+1$
5647247	G	$98+7^6*(5+43)-2-1$	5999937	G	$((9+8)*7^6-54)*3*(2-1)$
5647272	G	$9*(-8*7^6-5*4)/(3/-2*1)$	5999940	G	$((9+8)*7^6-54)*3+2+1$
5647368	G	$9*(8*(7^6+5)-4)/(3/2*1)$	6000095	G	$((9+8)*7^6+5+4)*3-2+1$
5647476	G	$9*(8*7^6+54)/(3/2*1)$	6000125	G	$((9+8)*7^6+5+4)*3-2+1$
5647485	G	$9+(8*7^6+54)*3*2*1$	6000169	G	$9*8+7^6*(54-3)-2*1$
5647584	G	$9*8*(7^6-(-5-4))/(3/2*1)$	6000173	G	$9*8+7^6*(54-3)+2*1$
5647602	G	$(9+8*(7^6+5+4)*3)*2*1$	6027015	G	$-9+((8*7+5)*4+3)^2-1$
5648112	G	$9*8*(7^6+5*4)/(3/2*1)$	6029330	G	$-9+(8+7)/(6+5^4+3)^{-2}-1$
5648130	G	$(9+8*(7^6+5*4)*3)*2*1$	6056513	G	$-9+(8*7*(-6-5)*4+3)^2+1$
5649744	G	$9*8*(7^6+54)/(3/2*1)$	6071288	G	$-9+(8*7*(6-(5-43)))^2+1$
5649762	G	$(9+8*(7^6+54)*3)*2*1$	6085445	P	$-(9*8*7*(-6^5+4)*3)+2+1$
5650902	G	$9*(-8*7^6-5^4)/(-3/2*1)$	6086081	G	$-9+(8*7*(6+5)*4+3)^2+1$
5656240	G	$-9+((8+7)^6-5^4(4+3))/2-1$	6088261	G	$9*8*7*(6^5-4*3^2-2)+1$
5664392	G	$-9+((-8+76)*5*(4+3))^2+1$	6091714	G	$9*(8*7*(6^5+4)-3)+2-1$
5669766	G	$-9-(8-7*((6*5)^4-32+1))$	6094326	P	$98*((-7-6^5*4)-3)*2-1$
5669770	G	$9-(8-7*((6*5)^4-32+1))$	6120000	G	$9*(-8+7*6)/(5^4-4/(32*1))$
5669869	G	$-98-(-7/(6*5)^4-4+32)-1$	6140411	G	$-9*8+(7*6*(5-4^3))^2-1$
5669892	G	$-98-(-7*(6*5)^4+3^2)-1$	6156801	G	$98*(7^6-(-5*4)^3)/(2*1)$
5669898	G	$-98-(-7*(6*5)^4+3+2-1)$	6182902	G	$-9+8*7*(6/(5/4)^(3+2))-1$
5670074	G	$9*8+7*(6*5)^4+3-2+1$	6193030	G	$-9-8*7*((6-54)^3+2)-1$
5670200	P	$-9-8-7*(-6*5)^4-32+1$	6193254	G	$-9-8*7*((6-54)^3-2)-1$
5677152	P	$9*8*(7^6+5^4)/(-3/2*1)$	6198114	G	$(-9+8^7-6^5*4)*3-2-1$
5679190	P	$(-9-8)*(-(-7+6^5)*43+2+1)$	6198134	G	$-9+((8^7-6^5*4)*3-2+1)$
5692986	G	$-9+(8-7*6*(5+3))^2-1$	6216003	G	$(9*87-6)*(5^4)^3+2+1$
5694940	G	$-9+((8+7)^6-(5+4)^3)/2+1$	6220028	G	$-9+(8*7*(6^5-4/3))^2+1$
5695669	G	$-9+((8+7)^6+(5+4)^3)/2+1$	6223319	G	$-9*8+(7*6)^5(5-(4-3))^2-1$
5697761	P	$-9+((8*7*6+5)*(4+3))^2+1$	6223374	P	$-(9+8)+(7*6)^5(5-(4-3))^2-1$
5700666	G	$-9-8*7*(6+5-4^3(3^2-1))$	6223463	G	$9*8+(7*6)^5(5-(4-3))^2-1$
5714863	G	$-9-8^7+(65*43)^2-1$	6247525	G	$-9+(8^7-(-6-5)^4)^3+2-1$
5731137	G	$-98+(7*6*(5+3))^2-1$	6259303	G	$9*-8*7*(6-(5*4)^3)+2-1$
5731218	P	$-(9+8)+(7*6*(5+3))^2-1$	6259305	G	$9*-8*7*(6-(5*4)^3)+2+1$
5734365	G	$-9+((8+7)^6+5^4(4+3))/2-1$	6268152	G	$9+(8^7-6^5+4)*3+2+1$
5734801	G	$9-8*7*(6+(5^4)^3)^2+1$	6287446	G	$-9+(8^7*6-(5*4)^3)/2-1$
5750331	G	$-9*8+((7*(6-5))^4-3)^2-1$	6288576	G	$(-9-8)*7*(6^5-4^3(3^2-1))$
5750396	P	$-9+(-(8-(7-6)^5)^4+3)^2+1$	6290439	G	$-987-6*(5-4^3(3^2+1))$
5750475	G	$9*8+((7*(6-5))^4-3)^2-1$	6290800	G	$-98*7+6*(5+4^3(3^2+1))$
5762301	G	$98*(7^6-54+3)/2-1$	6290982	G	$9*-8*7+6*(5+4^3(3^2+1))$
5763814	G	$-987+(6+5-4)^3(3^2-1)$	6291631	G	$-9-(-8^7-(65-4))^3+2-1$
5764297	G	$-9*8*7+(6+5-4)^3(3^2-1)$	6291757	G	$-9+(8^7*6-(-5^4+3))/2-1$
5764485	P	$-9*8+(-7^6+5)*(-4-3)^2+1$	6291760	G	$-9+(8^7*6+5^4+3)/2-1$
5764524	G	$(-98*(7^6+5)-4^3)/(2*1)$	6295446	G	$-9+(8^7*6+(5*4)^3)/2-1$
5764836	P	$98*(7^6+5/(-4-3))/(2*1)$	6301793	G	$(9*(8+7^6)+5*4^3(3^2+1))$
5764938	G	$-9+(8-(-7^6+5))*(4+3)^2-1$	6305111	G	$-9+((87+6)*5(5+4)*3)^2-1$
5765040	G	$(98*(7^6+5)-4^3)/(2*1)$	6311954	G	$(9+8)/(7+6)^{-5}+((4-32)+1)$
5765052	G	$(98*(7^6+5)+4^3)/(2*1)$	6328279	G	$-9+(-87+6)*(-5^4(4+3)-2)+1$
5765305	G	$9*8*7+(6+5-4)^3(3^2-1)$	6347723	G	$(-98+7^6)*54-32+1$
5765788	G	$987+(6+5-4)^3(3^2-1)$	6347762	G	$(-98+7^6)*54+3^2-1$
5767058	G	$(-98+76)*5(5-4^3(3^2+1))$	6349166	G	$(9*8-7^6)*-54+3^2-1$
5767149	P	$-(9+8^7*(-6-5)/4)-3^2-1$	6349189	G	$(9*8-7^6)*-54+32-1$
5767593	G	$98*(7^6+54+3)/2-1$	6350301	G	$-98+(7*6*5*4*3)^2-1$
5769594	G	$-9+(8+7*6*(54+3))^2-1$	6350392	G	$-9+((8+7)*(6+54*3))^2+1$
5779208	G	$-9+((8-(7-6)^5)^4+3)^2+1$	6352136	G	$(-9-(8-7^6))^5+4*3^2-1$
5780481	G	$98*(7^6-5*4^3)/(2*1)$	6352939	G	$(9*(-8+7^6)+54)*3*2+1$
5783544	G	$-9+8^7+(6*5/4^3-3)^2+1$	6353000	G	$(-9+8+7^6)*54+3^2-1$
5788828	G	$-9+(8+(7*(6-5))^4-3)^2+1$	6353023	G	$(-9+8+7^6)*54+32-1$
5832215	G	$-9+((8*7-6-5)*-4-3)^2-1$	6353108	G	$9*8+7^6*54-3^2-1$
5864625	G	$-9-(-8^7-(6^5/4-3)^2)+1$	6353966	G	$(9+8+7^6)*54+3-2+1$
5872446	G	$9*(87*6*5^4-3)*2*1$	6353968	G	$(9+8+7^6)*54+3-2-1$
5872554	G	$9*(87*6*5^4+3)*2*1$	6353972	G	$(-9-8+7^6)*-54+3^2-1$
5887953	G	$-9+(8^7+(6^5/4+3)^2)+1$	6358346	G	$(-98-7^6)*-54+3^2-1$
5914616	G	$-9+(8*76*(5-(4-3)))^2+1$	6371729	G	$(98-7)*((6^5+4)/3^2-2-1)$
5915751	G	$-9+((8+7)*(6+5^4-3))^2+1$	6377202	G	$-9+(87-6)*7(5^4/3-2-1)$
5926166	G	$-9+((87-6*5)^4)^3/2-1$	6378742	P	$-(9/8*-7/(6*5)^4-4+3^2)+1$
5926240	P	$9*(87^4-(6-(5+4))-32)+1$	6378760	G	$9/8*7*(6*5)^4+3^2+1$
5937401	G	$-98+76*5^4(4+3)-2+1$	6384758	G	$-9+((8^7+6^5*4)*3-2+1)$

6405335	G	$(98*7^6*5-4)*3^{\wedge}-2+1$	7290188	G	$-9*(-8-(7+(6*5)^{\wedge}4+3*2))-1$
6406806	G	$(9^{\wedge}8-(7+6^{\wedge}(5+4))*3)/(2*1)$	7323638	P	$-(9-8^{\wedge}7*(6-(5+4^{\wedge}-3)/2))-1$
6406827	G	$(9^{\wedge}8+(7-6^{\wedge}(5+4))*3)/(2*1)$	7339479	G	$-98-7*(65-4^{\wedge}(3^{\wedge}2+1))$
6436338	G	$(9/-8+7*6)/54^{\wedge}-3-2-1$	7339724	G	$-98-7*(6*5-4^{\wedge}(3^{\wedge}2+1))$
6479894	G	$-9-8*(7-((6*5)^{\wedge}4-(3+2)))-1$	7340415	G	$-9*8+7*(65+4^{\wedge}(3^{\wedge}2+1))$
6479902	G	$-9-(-8*(-7+(6*5)^{\wedge}4)+32)-1$	7341752	P	$-9^{\wedge}8-7-6^{\wedge}(5+4)*-(3+2*1)$
6480023	P	$-9+8*(-7-(6*5)^{\wedge}4+3)*-(2-1)$	7341793	G	$-9^{\wedge}8-(-7-6^{\wedge}(5+4))* (3+2)-1$
6485409	P	$9/8*(7+(-6+5)+4)^{\wedge}(3^{\wedge}2-1))$	7341794	G	$-9^{\wedge}8-(-7-6^{\wedge}(5+4))* (3+2)*1$
6562401	G	$-98+7*6*5^{\wedge}(4+3)*2-1$	7348059	P	$-9*((-8-7)*-(6*5*(-4-3)+2)-1)$
6562541	P	$-(9-8)+7*6*(5^{\wedge}(4+3)*2+1)$	7349520	P	$(9-8*(-7^{\wedge}(-6-(-5-4)+3)))^{\wedge}2-1$
6587768	G	$(-9*8+7^{\wedge}(6+5-4))* (3^{\wedge}2-1)$	7349522	P	$(9-8*(-7^{\wedge}(-6-(-5-4)+3)))^{\wedge}2+1$
6588208	G	$(9+8-7^{\wedge}(6+5-4))* (-3^{\wedge}2+1)$	7353792	G	$(9+8)*(7^{\wedge}6+(54^{\wedge}3*2-1))$
6588271	G	$-9-(8-7^{\wedge}(6+5-4))* (3^{\wedge}2-1)$	7356406	P	$-(9-8^{\wedge}7*(6-(5-4^{\wedge}-3)/2))-1$
6588294	P	$-(9-8*(7^{\wedge}(6+5-4)-(3+2)))-1$	7376648	G	$-9+((8+76*5)*(4+3))^{\wedge}2+1$
6588480	G	$(9+8+7^{\wedge}(6+5-4))* (3^{\wedge}2-1)$	7394366	G	$-98+7*(6^{\wedge}5+4^{\wedge}(3^{\wedge}2+1))$
6588590	G	$-9-8*(-7^{\wedge}(6+5-4)-32)-1$	7411238	P	$(9*8-7^{\wedge}(-6-(5-4)))*-3^{\wedge}2-1$
6588920	G	$(9*8+7^{\wedge}(6+5-4))* (3^{\wedge}2-1)$	7411841	G	$-9*(8-(7^{\wedge}(6+5-4)+3))-2+1$
6613307	G	$-98+7*6*(54^{\wedge}3-2)+1$	7411845	G	$-9*(8-(7^{\wedge}(6+5-4)+3))+2+1$
6613377	P	$-98-7*- (6*54^{\wedge}3-2)+1$	7411931	G	$9*(8+7^{\wedge}(6+5-4)-3)-2+1$
6615174	G	$-9+((8*7-6^{\wedge}5+4)/3)^{\wedge}2-1$	7411963	G	$9*(8+7^{\wedge}(6+5-4))+3+2-1$
6644571	G	$-98+((7*6+5)*4)^{\wedge}3-2-1$	7431068	G	$-9+(87*(6*5+4/3))^{\wedge}2+1$
6656316	G	$(9+8)*(7^{\wedge}6+5^{\wedge}(4+3))*2*1$	7434230	G	$-9+(8+7)*((6+5)*4^{\wedge}3)^{\wedge}2-1$
6661352	G	$9*8^{\wedge}7/6+(5^{\wedge}4*3)^{\wedge}2-1$	7452892	G	$-9+(8*7*65/4*3)^{\wedge}2+1$
6671879	G	$-9+8*(7-6^{\wedge}(5+4)/3)^{\wedge}2-1$	7496622	P	$-9-8*(-(7*6+5)^{\wedge}4+3)/2-1$
6682215	G	$-9+(8-(7+6^{\wedge}5-4)/3)^{\wedge}2-1$	7499231	G	$(-9-87)*((6-5^{\wedge}(4+3))+2)-1$
6702911	G	$-9+(8*(7+6+5)*4-3)^{\wedge}2-1$	7529177	G	$9+8*((7^{\wedge}6-5)*4-3)*2*1$
6706063	G	$9*8+7^{\wedge}6*(5+3)-2*1$	7529273	G	$9+8*((7^{\wedge}6-5)*4+3)*2*1$
6706067	G	$9*8+7^{\wedge}6*(5+3)+2*1$	7529402	P	$-((-98/7)^{\wedge}6+5)-4*32-1$
6713184	G	$-98+((7-6^{\wedge}5-4)/3)^{\wedge}2+1$	7529817	G	$9+8*((7^{\wedge}6+5)*4-3)*2*1$
6713271	G	$-9+((8-7+6^{\wedge}5-4)/3)^{\wedge}2-1$	7529913	G	$9+8*((7^{\wedge}6+5)*4+3)*2*1$
6713354	P	$-(-9*8-((7-6^{\wedge}5-4)/3)^{\wedge}2)+1$	7547903	G	$(98-7)/(6*(-5-43))^{\wedge}2-1$
6718377	G	$-9*8-(7-6^{\wedge}(5+4)/3)*2-1$	7555652	G	$-9*(8-(7-6*5)^{\wedge}4*3-2)-1$
6718432	G	$-9-8+(-7+6^{\wedge}(5+4)/3)*2-1$	7558631	G	$9*8*((-7-6-5)^{\wedge}4+3+2)-1$
6719991	G	$-9+8*7*(6/(5^{\wedge}4/32)*1)$	7558944	G	$(9+87)*(6+(54^{\wedge}3/2+1))$
6723552	G	$-98+((7+6^{\wedge}5-4)/3)^{\wedge}2+1$	7559928	G	$-9*(8-7*(6/(5^{\wedge}4/32)*1))$
6723639	G	$-9+((8-7-6^{\wedge}5-4)/3)^{\wedge}2-1$	7560072	G	$9*(8+7*6/(5-4)/(32*1))$
6723722	P	$-(-9*8-((-7-(6^{\wedge}5-4)/3)^{\wedge}2)+1$	7569444	P	$(9-8*7)*(-6+5)^{\wedge}(4+(3-2))-1$
6734015	G	$-9+(8*(7+6+5)*4+3)^{\wedge}2-1$	7612080	G	$(9-8*(7^{\wedge}(-6-(-5-4)+3)))^{\wedge}2-1$
6749599	P	$(-9+8-7*6^{\wedge}5*4)*-(32-1)$	7612082	G	$(9-8*(7^{\wedge}(-6-(-5-4)+3)))^{\wedge}2+1$
6754791	G	$-9+8*(7-6^{\wedge}(5+4)/3)^{\wedge}2-1$	7648799	P	$- (98*(76-5^{\wedge}(4+3))+2)-1$
6765250	G	$((9+8*7*6^{\wedge}5)+4)* (3^{\wedge}2+1)$	7670966	G	$987*(6^{\wedge}5-4)+3-2+1$
6780808	G	$-9+((8-76*5)*(4+3))^{\wedge}2+1$	7670972	G	$-987*(-6^{\wedge}5+4)+3^{\wedge}2-1$
6822534	G	$-9+((8*7+6^{\wedge}5+4)/3)^{\wedge}2-1$	7675057	G	$987*6^{\wedge}5+(4*3)^{\wedge}2+1$
6849154	G	$-9-87*(6-54^{\wedge}3/2)+1$	7686336	G	$98*(7^{\wedge}6-(5-4)/3)*2*1$
6858976	G	$-9-8*((76*-5/4)^{\wedge}3+2)+1$	7686388	G	$(98*7^{\wedge}6-5*4)/(3/2*1)$
6878130	G	$(-98-7)* (6*5-4^{\wedge}(3^{\wedge}2-1))$	7686402	G	$(98*7^{\wedge}6+5-4)/(3/2*1)$
6881175	G	$(-98-7)* (6-(5+4^{\wedge}(3^{\wedge}2-1)))$	7686484	G	$98*(7^{\wedge}6+5/4)/3*2+1$
6881272	G	$-9+8*7*6*5*4^{\wedge}(3*2)+1$	7711728	P	$(9-8*(7^{\wedge}(-6-(-5-4)+3)))^{\wedge}2-1$
6908703	P	$-(9+8)+(7+6)*((5+4)^{\wedge}(3*2)-1)$	7711730	P	$(9-8*(7^{\wedge}(-6-(-5-4)+3)))^{\wedge}2+1$
6908719	P	$-(9-8)+(7+6)*((5+4)^{\wedge}(3*2)-1)$	7750648	P	$-9+(87*(-(-6-5)-43))^{\wedge}2+1$
6911934	G	$-9-8*(7+(6*5*-4)^{\wedge}3/2)-1$	7782323	P	$-(9-8)-76*(-(5/4^{\wedge}-3)^{\wedge}2+1)$
6915942	G	$(9^{\wedge}8-(7*6)^{\wedge}5/4)/3*(2*1)$	7782341	P	$-((-9-8)-76*(-(5*4^{\wedge}3)^{\wedge}2+1)$
6957142	G	$-9+8^{\wedge}7+(6*5)^{\wedge}4*3*2-1$	7782471	G	$9*8-(-76*(5/4^{\wedge}-3)^{\wedge}2+1)$
6963210	G	$9+(-8+76)*(5*4^{\wedge}3)^{\wedge}2+1$	7783759	P	$-(9+8)-7*-6^{\wedge}5*((4*3)^{\wedge}2-1)$
6967032	G	$-9-(8-7*6^{\wedge}5*4)*32+1$	7783775	P	$-(9-8)-7*-6^{\wedge}5*((4*3)^{\wedge}2-1)$
7006240	P	$-9-876*(-(5*4)^{\wedge}3-2)+1$	7794369	G	$(98+7-6)* (54^{\wedge}3/2-1)$
7031062	P	$-9+(-8-7)*6*(-5^{\wedge}(4+3)-2)+1$	7811891	G	$-9*(8+7)+(65*43)^{\wedge}2+1$
7031422	G	$-9+(-8-7)*6*(-5^{\wedge}(4+3)-2)+1$	7812010	G	$-98/7+(65*43)^{\wedge}2-1$
7033094	G	$-9+(8-76*5*(4+3))^{\wedge}2-1$	7812038	G	$98/7+(65*43)^{\wedge}2-1$
7047864	G	$9*8*(7^{\wedge}6+5^{\wedge}(4+3))/(2*1)$	7812145	G	$(-9-8)*-7+(65*43)^{\wedge}2+1$
7058841	G	$-98+7^{\wedge}6*(54+3*2)-1$	7812161	G	$-9*(-8-7)+(65*43)^{\wedge}2+1$
7075501	G	$-98+(76*5*(4+3))^{\wedge}2-1$	7812492	G	$-9+(8+7*6)/5^{\wedge}(-4-3)*2+1$
7075582	P	$-(9+8)+(76*5*(4+3))^{\wedge}2-1$	7840767	G	$((-9-8)*7+6^{\wedge}5)*4^{\wedge}(3+2)-1$
7118214	G	$-9+(8+76*5*(4+3))^{\wedge}2-1$	7861944	G	$-9+8^{\wedge}7+(6+5-4)^{\wedge}(3^{\wedge}2-1)$
7209217	G	$-9+(8*7*(6-54)+3)^{\wedge}2+1$	7863333	G	$-987+6*5*4^{\wedge}(3^{\wedge}2*1)$
7241473	G	$-9+(8*7*(6-54)-3)^{\wedge}2+1$	7863816	G	$-9*8*7+6*5*4^{\wedge}(3^{\wedge}2*1)$
7265098	G	$-9+8^{\wedge}7+65*43^{\wedge}(2+1)$	7864215	G	$-98-7+6*5*4^{\wedge}(3^{\wedge}2*1)$
7268408	G	$-9+(8*(76*5-43))^{\wedge}2+1$	7864224	G	$-9-87+6*5*4^{\wedge}(3^{\wedge}2*1)$
7287851	P	$(-98-7^{\wedge}6-5)* (4^{\wedge}3-2)-1$	7864241	G	$-9*8-7+6*5*4^{\wedge}(3^{\wedge}2*1)$
7289492	G	$-9*(8*7-(6*5)^{\wedge}4)-(3+2)+1$	7864255	G	$-9-8*7+6*5*4^{\wedge}(3^{\wedge}2*1)$

7865838	G	$-9 - (87 - 6^{\wedge}5) * (4^{\wedge}(3+2) - 1)$	8503081	G	$-9 - 8 + 7 * 6 + 54^{\wedge}(3+2 - 1)$
7884854	G	$-9 + (8 * (-7 - 6) * (-5 - 4) * 3)^{\wedge}2 - 1$	8503153	G	$98 - 7 + 6 + 54^{\wedge}(3+2 - 1)$
7894713	P	$-(-9^{\wedge}8 + 7) - (65 * 4)^{\wedge}3 * 2 - 1$	8504990	P	$-(9 + 8) - 7 * ((6 * 5)^{\wedge}4 * -3 / 2 - 1)$
7905270	G	$-9 + (8 * 7 - 6^{\wedge}5) * -4^{\wedge}(3+2) - 1$	8505006	P	$-(9 - 8) - 7 * ((6 * 5)^{\wedge}4 * -3 / 2 - 1)$
7912991	P	$-9 + (8 * 7 - 6^{\wedge}5) * (-4^{\wedge} - (-3 - 2) - 1)$	8577842	G	$-9 + (8 * (6 - 5 / 4^{\wedge} - 3))^{\wedge}2 - 1$
7947254	G	$-9 + (-8 - 7 + 6^{\wedge}5) / 4^{\wedge}(-3 - 2) - 1$	8620086	G	$-9 + (8 * (7 - 6 * -5 * 4 * 3))^{\wedge}2 - 1$
7947686	P	$-(9 - 8) - (7 - 6^{\wedge}5) * (4^{\wedge}(3+2) - 1)$	8625959	G	$-9 + (((8 + 7) * 65 + 4) * 3)^{\wedge}2 - 1$
7961590	G	$-9 + (-8 + 7 + 6^{\wedge}5) / 4^{\wedge}(-3 - 2) - 1$	8643592	G	$-9 + ((-8 - 76) * 5 * (4 + 3))^{\wedge}2 + 1$
7962500	G	$98 * (7 + 6) * 5^{\wedge}4 * (3^{\wedge}2 + 1)$	8667144	G	$9 + (8 * (76 * 5 + 4 * -3))^{\wedge}2 - 1$
7962593	G	$(9 + 8 + 7)^{\wedge}(6 - 5 + 4) - 32 + 1$	8701393	G	$(9 - 8 + 7^{\wedge}6) / (5 / 43)^{\wedge}2 - 1$
7963638	P	$-(9 - (8 - 7 + 6^{\wedge}5) / 4^{\wedge}(-3 - 2)) - 1$	8701395	G	$(9 - 8 + 7^{\wedge}6) / (5 / 43)^{\wedge}2 + 1$
7969366	P	$-9 + (8 - 7 - 6^{\wedge}5) * (-4^{\wedge} - (-3 - 2) - 1)$	8709112	G	$-9 - 8 * 7 * 6^{\wedge}5 * -4 * (3 + 2) + 1$
7969693	P	$-(98 - (7 + 6^{\wedge}5) * 4^{\wedge}(3 + 2)) - 1$	8765625	P	$-(9 + 8 - 7)^{\wedge}6 + 5^{\wedge}(4 + 3 * 2 * 1)$
7969719	G	$-9 * 8 + (7 + 6^{\wedge}5) * 4^{\wedge}(3 + 2) - 1$	8788503	G	$9 * 8 * 7 + (65^{\wedge}4) / 3 / 2 - 1$
7969896	G	$9 * -8 * 7 + 6^{\wedge}5 * (4^{\wedge}(3 + 2) + 1)$	8794646	G	$-9 + 8 * 6^{\wedge}5 * (4 + 3^{\wedge}2) - 1$
7970281	G	$(-9 * 8 + 7 + 6^{\wedge}5) * (4^{\wedge}(3 + 2) + 1)$	8803079	G	$-9 + ((8 - 7 * (6 + 5)) * 43)^{\wedge}2 - 1$
7970295	P	$-(98 + 7) + 6^{\wedge}5 * (4^{\wedge}(3 + 2) + 1)$	8809016	G	$-9 + (8 * 7 * (65 - 4 * 3))^{\wedge}2 + 1$
7970304	P	$-(9 + 87) + 6^{\wedge}5 * (4^{\wedge}(3 + 2) + 1)$	8817526	G	$-9 - 8 * 7 * ((6 - 54^{\wedge}3) + 2) - 1$
7970309	P	$-(98 - 7) + 6^{\wedge}5 * (4^{\wedge}(3 + 2) + 1)$	8818198	G	$-9 + 8 * 7 * (6 + 54^{\wedge}3 - 2) - 1$
7970321	P	$-(9 * 8 + 7) + 6^{\wedge}5 * (4^{\wedge}(3 + 2) + 1)$	8818422	P	$-9 - 8 * 7 * (-6 + 54^{\wedge}3) - 2 - 1$
7970447	P	$-(9 - 8 * 7) + 6^{\wedge}5 * (4^{\wedge}(3 + 2) + 1)$	8836487	G	$-9^{\wedge}8 + ((7 / (6 - 5))^{\wedge}4 * 3)^{\wedge}2 - 1$
7970478	P	$-(9 - 87) + 6^{\wedge}5 * (4^{\wedge}(3 + 2) + 1)$	8836488	G	$-9^{\wedge}8 + ((7 / (6 - 5))^{\wedge}4 * 3)^{\wedge}2 * 1$
7971416	G	$-9 + (8 - (7 - 6^{\wedge}5)) * (4^{\wedge}(3 + 2) + 1)$	8904248	G	$-9 + (8 * (-76 * 5 + 4 + 3))^{\wedge}2 + 1$
7974966	G	$-9 + (8 * (7 - 6 * 5 * 4 * 3))^{\wedge}2 - 1$	8910830	G	$-9 + (8 + (-7 - 6) * 5) * 4 * -3 * 2 - 1$
7977477	G	$-98 + (7 + 6^{\wedge}5) * (4^{\wedge}(3 + 2) + 1)$	8910906	P	$-((9 + 8 * (-7 + 6)^{\wedge}5 + 4) * 3 + 2) - 1$
7977574	P	$-(9 - 8) + (7 + 6^{\wedge}5) * (4^{\wedge}(3 + 2) + 1)$	8911214	G	$-9 + (8 + (7 + 6)^{\wedge}5) * 4 * 3 * 2 - 1$
7977974	P	$-(9 - (8 + 7 + 6^{\wedge}5) / 4^{\wedge}(-3 - 2)) - 1$	8912908	G	$9 - 8^{\wedge}7 * (-6 - (5 / 4 - 3)) + 2 + 1$
7983279	G	$-9 - 8 * 7 * (6 * 5)^{\wedge}4 / (3^{\wedge} - 2 * 1)$	8924529	G	$9 * -8 + (65^{\wedge}4 - 3) / 2 + 1$
7985766	G	$-9 + (8 + 7 + 6^{\wedge}5) * (4^{\wedge}(3 + 2) + 1)$	8924625	G	$-98 * 7 + (65^{\wedge}4 - 3) / 2 * 1$
8000081	G	$((9 + 8) * 7^{\wedge}6 - 5) * 4 - 32 + 1$	8925175	G	$-9 * (8 + 7) + (65^{\wedge}4 - 3) / 2 - 1$
8000103	G	$((9 + 8) * 7^{\wedge}6 - 5) * 4 - 3^{\wedge}2 * 1$	8925193	G	$(-9 - 8) * 7 + (65^{\wedge}4 - 3) / 2 + 1$
8000118	G	$((9 + 8) * 7^{\wedge}6 - 5) * 4 + 3 * 2 * 1$	8925220	G	$-98 + 7 + (65^{\wedge}4 - 3) / 2 * 1$
8000119	G	$((9 + 8) * 7^{\wedge}6 + 5) * 4 - 32 - 1$	8925247	G	$9 * -8 + 7 + (65^{\wedge}4 - 3) / 2 + 1$
8000120	G	$((9 + 8) * 7^{\wedge}6 + 5) * 4 - 32 * 1$	8925248	G	$9 * -8 + 7 + (65^{\wedge}4 + 3) / 2 - 1$
8000161	G	$((9 + 8) * 7^{\wedge}6 + 5) * 4 + 3^{\wedge}2 * 1$	8925250	G	$9 * -8 + 7 + (65^{\wedge}4 + 3) / 2 + 1$
8037217	G	$-9 + ((-87 + 6) * 5 * (4 + 3))^{\wedge}2 + 1$	8925655	G	$(98 * 7 + 65^{\wedge}4 - 3) / 2 + 1$
8051702	P	$-(9 - (87 + 6^{\wedge}5) * 4^{\wedge}(3 + 2)) - 1$	8925656	G	$(98 * 7 + 65^{\wedge}4 + 3) / 2 - 1$
8059566	G	$-9 + (87 + 6^{\wedge}5) * (4^{\wedge}(3 + 2) + 1)$	8955160	G	$-9 + (8 + (7 - 6 * 5)^{\wedge}4) * 32 + 1$
8117962	G	$-9 + 8 * (6^{\wedge}5 * 4 * 3 - 2) + 1$	8957847	P	$-(98 + 7) - 6^{\wedge}(5 + 4) * (3^{\wedge} - 2 - 1)$
8124976	G	$-9 - 8 * ((-7 - 6) * 5^{\wedge}(4 - 3) + 2) + 1$	8957861	P	$-(98 - 7) - 6^{\wedge}(5 + 4) * (3^{\wedge} - 2 - 1)$
8156728	G	$-9 + (8 * 7 * (6 - (54 + 3)))^{\wedge}2 + 1$	8957873	P	$-(9 * 8 + 7) - 6^{\wedge}(5 + 4) * (3^{\wedge} - 2 - 1)$
8190617	P	$-(9 - (8 + 7)^{\wedge}6) - (5 * 4)^{\wedge} - (-3 - 2) + 1$	8958030	P	$-(9 - 87) - 6^{\wedge}(5 + 4) * (3^{\wedge} - 2 - 1)$
8201236	G	$-9 + ((8 + 7 + 6^{\wedge}5)^{\wedge}4 - 3) * 2 + 1$	9047967	G	$-98 + ((7 * 6 + 5) / 4^{\wedge} - 3)^{\wedge}2 + 1$
8202284	G	$(-9 - 8) * ((6 - 5^{\wedge}(4 + 3)) + 2) - 1$	9047993	G	$-9 * 8 + ((7 * 6 + 5) * 4^{\wedge}3)^{\wedge}2 + 1$
8259805	G	$9 * 8^{\wedge}7 - (6 * 543)^{\wedge}2 + 1$	9048048	P	$-(9 + 8) + ((7 * 6 + 5) * 4^{\wedge}3)^{\wedge}2 + 1$
8281251	G	$(-9 + 8 * 7 + 6) / 5^{\wedge}(-4 - 3) * 2 + 1$	9071999	G	$-9 - 8 * (-7 * (6 * 5)^{\wedge}4 / (3 + 2) - 1)$
8323190	G	$-9 + 8 * (765 * 4 / 3)^{\wedge}2 - 1$	9112544	P	$-(-9 - (8 + 7)^{\wedge}6 / 5)^{\wedge}4 + 3^{\wedge}2 - 1$
8339448	G	$-9 + 8^{\wedge}7 * (6 + (5 / 4)^{\wedge}3) / 2 + 1$	9126431	G	$-9 + (8 * 7 * 6 * -5 + 4 - 3)^{\wedge}2 - 1$
8340526	P	$-(9 + 8) + (76 * (5 - 43))^{\wedge}2 - 1$	9162719	G	$-9 + (8 * 7 * -6 * (5 + 4) - 3)^{\wedge}2 - 1$
8340617	G	$9 * 8 + (76 * (5 - 43))^{\wedge}2 + 1$	9175081	P	$-9 + 8 - 7 * -6 - 5 * -4^{\wedge}(3^{\wedge}2 * 1))$
8347349	G	$-98 * (7 + ((-6 - 5) * 4)^{\wedge}3) + 2 + 1$	9176621	P	$(9 - 87) / -6 + 5 - 4^{\wedge}(3^{\wedge} - 2) - 1$
8347543	G	$-98 * (7 - ((6 + 5) * 4)^{\wedge}3 - 2) + 1$	9246002	G	$-9 + (8 * 7 * (6 + 5 / 4^{\wedge} - 3))^{\wedge}2 - 1$
8382479	G	$-9 - 8 * (765 - 4^{\wedge}(3^{\wedge}2 + 1))$	9260903	G	$-98 + (7 * 6 * 5)^{\wedge}(4 - (3 - 2)) + 1$
8384959	G	$-9 - 8 * (7 * 65 - 4^{\wedge}(3^{\wedge}2 + 1))$	9260974	G	$-9 + 8 * ((7 * (6 + 5 + 4))^{\wedge}3 - 2) - 1$
8385559	G	$-9 - 8 * (76 * 5 - 4^{\wedge}(3^{\wedge}2 + 1))$	9282308	P	$-(9 + 8) + (7 + 6)^{\wedge}5 * (4 * 3 * 2 + 1)$
8388191	G	$(-9 - (-8^{\wedge}(7 - (6 - 5))) + 4) * 32 - 1$	9282324	P	$-(9 - 8) + (7 + 6)^{\wedge}5 * (4 * 3 * 2 + 1)$
8388472	G	$-9 + (8^{\wedge}7 - 6 * 5) * 4 - 3 * 2 - 1$	9335072	G	$-9 - (8 - (7 * 6)^{\wedge}5 / (4 + 3)) / 2 - 1$
8388772	G	$(9 + (8^{\wedge}7 + 6 * 5))^{\wedge}4 + 3^{\wedge}2 - 1$	9335076	G	$-9 + (-8 + (7 * 6)^{\wedge}5 / (4 + 3)) / 2 + 1$
8398072	P	$-9 - (-8 - 7) / 6^{\wedge} - (-5 + 4 * 3) * 2 + 1$	9382902	G	$-9 + 8^{\wedge}7 * 6 + (-5 * 4)^{\wedge}(3 + 2) - 1$
8440728	G	$9 * 8 * (7^{\wedge}6 + 5^{\wedge}4 / (-3 / 2 * 1))$	9411241	G	$9 + 8 * (7^{\wedge}6 * 5 - 43) * 2 * 1$
8448120	P	$9 * 8 * (7^{\wedge}6 + (5^{\wedge}4 + 3) / (-2 * 1))$	9411801	G	$9 + (8 * 7^{\wedge}6 * 5 - 43) * 2 * 1$
8469982	G	$-9 * (8 * (-7^{\wedge}6 + 5) + 43) + 2 - 1$	9411831	G	$((-8 * 7^{\wedge}6) * -5 + 4 - 3) * 2 - 1$
8470339	G	$9 * (8 * (7^{\wedge}6 - 5) - 4) - 3 * -2 + 1$	9411852	G	$(9 + 8 * 7^{\wedge}6 * 5 - 43) * 2 * 1$
8473554	G	$9 * (8 * 7^{\wedge}6 + (5^{\wedge}4 + 3) / (2 * 1))$	9411931	G	$9 + (8 * 7^{\wedge}6 * 5 + 4 - 3) * 2 * 1$
8474590	G	$9 * (8 * (7^{\wedge}6 + 54) - 3) + 2 - 1$	9411936	G	$(9 + 8 * 7^{\wedge}6 * 5 - 4 + 3) * 2 * 1$
8485559	G	$-9 + (((-8 - 7) * 65 + 4) * 3)^{\wedge}2 - 1$	9411940	G	$(9 + 8 * 7^{\wedge}6 * 5 + 4 - 3) * 2 * 1$
8493336	G	$9 * 8 * (7^{\wedge}6 + (5^{\wedge}4 + 3) / (2 * 1))$	9411943	G	$9 + (8 * 7^{\wedge}6 * 5 + 4 + 3) * 2 * 1$
8500728	G	$9 * 8 * (7^{\wedge}6 + 5^{\wedge}4 / (3 / 2 * 1))$	9412015	G	$9 + (8 * 7^{\wedge}6 * 5 + 43) * 2 * 1$
8502959	G	$-98 + 7 - 6 + 54^{\wedge}(3 + 2 - 1)$	9412057	G	$9 + (8 * 7^{\wedge}6 * 5 + 43) * 2 * 1$
8503031	G	$9 + 8 - 7 * 6 + 54^{\wedge}(3 + 2 - 1)$	9412066	G	$(9 + 8 * 7^{\wedge}6 * 5 + 43) * 2 * 1$

9412617	G	$9+8*(7^6*5+43)*2*1$	10144207	P	$-(9+8)+(7*65*(4+3))^2-1$
9435310	G	$(9*8^7/-6+5^4)*-3+2-1$	10156427	G	$(9*(-8-7)+6)*-54^3/2-1$
9435312	G	$(9*8^7/-6+5^4)*-3+2+1$	10174651	G	$98*(-7+6*(5+4))^3-2-1$
9439060	G	$(9*8^7/-6-5^4)*-3+2-1$	10195239	G	$-9+(8+7*65*(4+3))^2-1$
9439062	G	$(9*8^7/-6-5^4)*-3+2+1$	10248536	G	$(98*-7^6-5+4)*(3^2-2-1)$
9475153	G	$-9^8+(7*(6-(5-4)))^(3+2)-1$	10259991	G	$9*(8*76*5^4*3-2+1)$
9478863	G	$-9*(8-(7^6-5^4)*3^2+1)$	10336003	G	$(-9-8)*76/(5*-4)^-3+2+1$
9478881	G	$-9*(8-(7^6-5^4)*3^2-1)$	10361953	G	$-9+(87*(-6*5-4-3))^2+1$
9479007	G	$9*(8-(7^6-5^4)/-3^2-2-1)$	10383359	G	$-9/(-8-7)*(65*4^3)^2-1$
9479025	G	$9*(8-(7^6-5^4)/-3^2-2+1)$	10433304	G	$-9+(8*(7/(6-(5*4)^3)))^2+1$
9498714	G	$-9+((8-(7+6))^5+43)^2-1$	10439991	G	$-9+87*6*5^4*32*1$
9528768	P	$-9*(8+(-7^6+5+4)/-(-3^2-2*1))$	10483932	P	$-(9-(8^7+6)*5)-43^2(2*1)$
9529416	P	$-9*(8+(-(-7^6+5)+4)/(-3^2-2*1))$	10485110	G	$(-9-8+7)*(65-4^4(3^2+1))$
9529722	P	$9*(8+(-7^6+5)+4)/(-3^2-2*1))$	10485404	G	$(9+8^7+6)*5-432+1$
9580113	G	$-9*(8-(7^6-5^4)*-3^2+1)$	10486212	P	$-(9-(8^7+6)*5)+432-1$
9580131	G	$-9*(8-(7^6-5^4)*-3^2-1)$	10486710	P	$(-9-8^7)-6*5+4^4(3+2)+1$
9580257	G	$9*(8-(7^6-5^4)/3^2-2-1)$	10487534	G	$(-9-(8^7+6)*5+43^2*1)$
9580275	G	$9*(8-(7^6-5^4)/3^2-2+1)$	10487569	G	$-9-(8^7+6)*5+43^2-1$
9585208	G	$-9+(8*(-76*5-4-3))^2+1$	10487571	G	$-9-(8^7+6)*5+43^2+1$
9592926	G	$98*((7^6+5^4(4+3))/2*1)$	10489022	G	$-9+(8^7+654)*3(2+1)$
9641015	G	$-9+((8+7)*(65+4)*3)^2-1$	10489782	P	$(-(-9+8^7)+6)*5+4^4(3^2)+1$
9660031	G	$-9^8+7*((6-5^4)^(3^2)*1)$	10489872	P	$(-9-8^7+6)*5+4^4(3^2)+1$
9660038	G	$-9^8+7*((6-5^4)^(3^2)+1)$	10497590	G	$-9+((8+7)*(6*(5-4))^3)^2-1$
9672092	P	$-9+((-8+7)-6)*(-5^4+3))^2+1$	10504073	G	$-9+((8+7*65*(4+3))^2+1$
9672101	P	$(9+8-7*6)*-(5^4-3)^2+1$	10505145	G	$-9^8-7+65^4*3-2*1$
9698995	G	$(-9+8^7(7-(6-5)))*(4+32+1)$	10505147	G	$-9^8-7+65^4*3^3(2-1)$
9699311	G	$-9-(8-(7+6*5)*4^4(3^2*1))$	10505149	G	$-9^8-7+65^4*3^2+1$
9743566	P	$-(9+8)-(7-(6+5)^(4+3))/2+1$	10505161	G	$-9^8+7+65^4*3^3(2-1)$
9743570	G	$-9-(8+7-(6+5)^(4+3))/2+1$	10549496	G	$-9+(8*7*(65-(4+3)))^2+1$
9743573	G	$-9-8+(7+(6+5)^(4+3))/2+1$	10551257	G	$-9-((8^7+6)*5-4^4(3^2-1))$
9746874	P	$-(9-((-8+7+6)*5^4-3)^2)-1$	10587960	P	$9*8*(-7^6+5)/-(4/(3+2)*1)$
9759330	P	$-9+(-8-(-7^6+5)^(4+3))^2-1$	10588265	G	$-9*(8-7^6*5)^(4-3)*2-1$
9759380	P	$9+(8-(-7^6+5)^(4+3))^2-1$	10588267	G	$-9*(8-7^6*5)^(4-3)*2+1$
9764688	P	$-(9*8*(7+6)-5^4(4+3^2))-1$	10588860	G	$9*8*(7^6+5)/(4/(3+2)*1)$
9764814	G	$9*(-8-7)*6+5^4(4+3^2)-1$	10595017	G	$-9+((-87-6)*5*(4+3))^2+1$
9764912	G	$(-9-8)*7*6+5^4(4+3^2)+1$	10614430	G	$9*(8-7+6*(5+4))^2+1$
9765150	P	$-(9*8+7)*6-5^4(4+3^2))-1$	10614549	G	$-98/7+(6*543)^2-1$
9765320	G	$9*(8-7*6)+5^4(4+3^2)+1$	10614577	G	$98/7+(6*543)^2-1$
9765342	G	$(9-8*7)*6+5^4(4+3^2)-1$	10614684	G	$(-9-8)*-7+(6*543)^2+1$
9765749	G	$(9+8)*7+6+5^4(4+3^2)-1$	10614700	G	$-9*(-8-7)+(6*543)^2+1$
9765815	G	$9*(8+7+6)+5^4(4+3^2)+1$	10616816	P	$-9+(-8*(7-(6-5)))^4+3)^*-2-1$
9765845	G	$(9+8)*(7+6)+5^4(4+3^2)-1$	10616821	G	$(9-((8*(7-(6-5)))^4+3))^*-2+1$
9765906	G	$(-9+8*7)*6+5^4(4+3^2)-1$	10628787	G	$(9^4(8-7))^6*5^4-32-1$
9766182	G	$9*(8^7+6)+5^4(4+3^2)-1$	10628789	G	$(9^4(8-7))^6*5^4-32+1$
9790633	G	$-9+((8-7*65)*(4+3))^2+1$	10643723	G	$(98-7)/(6*(54-3))^2-1$
9828217	G	$-9+((8+7)*(6-5^4*3))^2+1$	10649592	G	$-9-8*(-7-6)/(5/4^4-3)^2+1$
9859592	G	$-9+(((8-7)-6)*(5^4+3))^2+1$	10649610	G	$9-8*(-7-6)/(5/4^4-3)^2+1$
9960000	G	$(9*8^7-6)/(5^4-4/(32*1))$	10690552	G	$-9+87*6*5^4*3(2+1)$
9961453	P	$-(9-8^7*(6-5/4))-3^2-1$	10747865	G	$-9-((-8^7+6)*5-4^4(3^2*1))$
9968732	G	$(9+8)*(7^6*5-43^2)*1$	10759740	G	$(9^8+7-6^5)/4+3-2+1$
9981504	G	$-9+8*(7/(6^5+43))^2+1$	10761487	G	$(-9^8+765)/-4-3+2-1$
9999944	G	$(9+8)*(7^6*5-4-3^2)*1$	10761796	G	$(9^8+7*65)/4+3-2+1$
10000078	G	$(9+8)*7^6*5-43^2-1$	10763628	G	$(9^8+7+6^5)/4+3-2+1$
10000252	G	$(9+8)*7^6*5+43^2+1$	10863608	G	$-9+(8*(7*65-43))^2+1$
10000386	G	$(9+8)*(7^6*5+4+3^2)*1$	10890839	G	$-98+(7*6)^5/(4*3)+2-1$
10000387	G	$(9+8)*(7^6*5+4+3^2)+1$	10890920	P	$-(9+8+(7*6)^5/(-4*3))^2+1$
10017573	G	$(9+8)*(7^6*5+4^4(3+2*1))$	10909799	G	$-9+(8-7*(6+5)*43)^2-1$
10024894	P	$9*(8-(-7+6)^5+4)*3+2+1$	10929628	G	$-9+(87*6*(-5-4/3))^2+1$
10031598	G	$(9+8)*(7^6*5+43^2)*1$	10962703	P	$-(9+8)+(7*(-6-5)*43)^2-1$
10048178	G	$-9^8+(7+6)^5*((4+3)^2-1)$	10963428	P	$-9^8-((7*6)^5*(5+4))^3+2-1$
10079896	G	$-9+(8+7)^6-5^4*4^4(3^2*1)$	10963432	G	$-9^8+7*(6*5*(5+4))^3+2-1$
10093319	G	$-9+(8-7*65*(4+3))^2-1$	10989217	G	$-9+((8+7)*(6+5^4*3))^2+1$
10117528	G	$(9*8+(7^6-5)^4*3)*2*1$	11003733	P	$-(9-(8+7)^6+(5^4-3)^2)+1$
10117546	G	$-9+(-8+7^6+5)*43^2-1$	11010241	P	$-9-8*7*6*(-5+4^4(3^2*1))$
10117580	G	$(98+(7^6-5)^4*3)*2*1$	11010257	G	$-9+8+7*6*(5+4^4(3^2*1))$
10118388	G	$(9*8+(7^6+5)^4*3)*2*1$	11022453	G	$-9+8^7+(65^4-3)/2-1$
10118440	G	$(98+(7^6+5)^4*3)*2*1$	11022471	G	$9+8^7+(65^4-3)/2-1$
10118492	P	$-9-(8+7^6)*(54+32))-1$	11062344	P	$(-9/8^7-7+(65^4*3)^2)+1$
10118922	G	$-9+(8+(7^6+5))^4*3^2-1$	11128888	G	$-9+(8*(7*(6+54)-3))^2+1$
10144126	G	$-98+(7*65*(4+3))^2-1$	11197335	P	$-(98+7)-6^4(5+4)*(-3^2-2-1)$

11197349	P	$-(98-7)-6^{\wedge}(5+4)*(-3^{\wedge}-2-1)$	11718791	G	$-9+(8*7+6*(5^{\wedge}(4+3+2)-1))$
11197361	P	$-(9*8+7)-6^{\wedge}(5+4)*(-3^{\wedge}-2-1)$	11732167	G	$98*(-7^{\wedge}(-6+5+4)-3)^{\wedge}2-1$
11197518	P	$-(9-87)-6^{\wedge}(5+4)*(-3^{\wedge}-2-1)$	11830662	G	$-9-(8^{\wedge}7-(6*(5^{\wedge}4-3))^{\wedge}2)-1$
11203994	P	$-(9^{\wedge}8+7)-6^{\wedge}5*(4^{\wedge}(3*2)-1)$	11874901	G	$-98+76/5^{\wedge}(-4-3)*2-1$
11229191	G	$-9+((8*7+6)*54+3)^{\wedge}2-1$	11880984	P	$-(9+(8-((7+6)^{\wedge}5-4))*32)+1$
11230616	G	$-9+(8+7)^{\wedge}6-(5*4)^{\wedge}(3+2-1)$	11881230	P	$-(9+8-((7+6)^{\wedge}5-4)*32)-1$
11244940	G	$-9-(8-(7+6*5)^{\wedge}4*3)*2-1$	11881488	G	$-9-8+((7+6)^{\wedge}5+4)*32+1$
11288217	G	$-9+(-8-7)^{\wedge}6-(5*4^{\wedge}3)^{\wedge}2+1$	11881496	P	$-(9-(8+(7+6)^{\wedge}5-4)*32)+1$
11294250	G	$9+(8*7^{\wedge}6-5)*4*3-2-1$	11900396	P	$-(9+8)-(7-65^{\wedge}4)/3*2+1$
11294252	G	$9+(8*7^{\wedge}6-5)*4*3-2+1$	11967036	G	$(-9+8)*-76*(54^{\wedge}3-2-1)$
11294268	G	$(9+(8*7^{\wedge}6-5)*4)*3-2-1$	11967242	G	$-98+76*((54^{\wedge}3+2)-1)$
11294270	G	$(9+(8*7^{\wedge}6-5)*4)*3-2+1$	11967250	G	$-9-8+76*54^{\wedge}3+2+1$
11294370	G	$9+(8*7^{\wedge}6+5)*4*3-2-1$	12000196	G	$(9+8)/(7^{\wedge}-6/((5+4)-3))- (2*1)$
11294372	G	$9+(8*7^{\wedge}6+5)*4*3-2+1$	12000200	G	$(9+8)/(7^{\wedge}-6/((5+4)-3))+2*1$
11294374	G	$9+(8*7^{\wedge}6+5)*4*3+2-1$	12001004	G	$-9+(8+7^{\wedge}6)* (54-3)*2-1$
11294388	G	$(9+(8*7^{\wedge}6+5)*4)*3-2-1$	12001006	G	$-9+(8+7^{\wedge}6)* (54-3)*2+1$
11294390	G	$(9+(8*7^{\wedge}6+5)*4)*3-2+1$	12057144	G	$-9+(8+(7*(6*5-4))^{\wedge}3)*2+1$
11294392	G	$(9+(8*7^{\wedge}6+5)*4)*3+2-1$	12095881	P	$-98-7*-((6*5*4)^{\wedge}3-(2+1))$
11337623	P	$9*8*-(-7+6-(54^{\wedge}3+2))-1$	12096059	G	$9*8-7*((6*5*4)^{\wedge}3+2)+1$
11337975	P	$(9*8*7+6^{\wedge}-(-5-4))/-(3^{\wedge}-2-1)$	12096102	G	$-9+8*7*((6+54)^{\wedge}3+2)-1$
11370131	P	$-(9-(8+7)^{\wedge}6)-5*(4^{\wedge}(3*2)+1)$	12100662	P	$-(9+8^{\wedge}7)+(6*(5^{\wedge}4+3))^{\wedge}2-1$
11370374	P	$-9+((8+7)^{\wedge}-6-(5+4))-3)^{\wedge}2-1$	12110390	G	$-9+(87*6*5*4/3)^{\wedge}2-1$
11374617	G	$-9+(8+7)^{\wedge}6-(5*4)^{\wedge}3*2+1$	12149987	G	$-9-((-8-7)* (6*5)^{\wedge}4+3+2-1)$
11386615	G	$-9+(8+7)^{\wedge}6-(5*4)^{\wedge}3/2-1$	12159902	G	$-98+76*(5*4)^{\wedge}(3+2-1)$
11390791	G	$-9+(8+7)^{\wedge}6+5*(4*3^{\wedge}2-1)$	12159991	G	$-9+8*76*5*4*32*1$
11391103	G	$-9+(8+7)^{\wedge}6+5*4*3^{\wedge}2+1$	12188518	P	$-(9-8^{\wedge}7*6)-(5^{\wedge}4+3)^{\wedge}2-1$
11391840	G	$-9+(-8-7)^{\wedge}6+(5*(-4-3))^{\wedge}2-1$	12192758	G	$-9-8*7*6*5*(4-32)-1$
11394615	G	$-9+(8+7)^{\wedge}6+(5*4)^{\wedge}3/2-1$	12194490	G	$-9+(87/6*5*4)^{\wedge}3/2-1$
11399862	G	$-9+(8+7)^{\wedge}6+5*43^{\wedge}2+1$	12255100	G	$(9-(8-7^{\wedge}6*5^{\wedge}4)/3)/-2-1$
11406617	G	$-9+(8+7)^{\wedge}6+(5*4)^{\wedge}3*2+1$	12255102	G	$(9-(8-7^{\wedge}6*5^{\wedge}4)/3)/-2+1$
11407509	G	$9+(8+7)^{\wedge}6+5*4*3^{\wedge}(2+1)$	12255109	G	$(9+(8-7^{\wedge}6*5^{\wedge}4)/3)/2-1$
11410874	P	$-9+((8+7)^{\wedge}-6-(5+4))+3)^{\wedge}2-1$	12255111	G	$(9+(8-7^{\wedge}6*5^{\wedge}4)/3)/2+1$
11411091	P	$-(9-(8+7)^{\wedge}6)-5*(-4^{\wedge}(3*2)+1)$	12278008	G	$-9+(876*(5-4+3))^{\wedge}2+1$
11451448	G	$-9+(8*(76*5+43))^{\wedge}2+1$	12288439	P	$-(9+8^{\wedge}7)-6*5*(4-3^{\wedge}2-1)$
11483378	P	$-(-98/7^{\wedge}-6+(5*43)^{\wedge}2)+1$	12320754	G	$-9+8^{\wedge}7*6-5-4^{\wedge}(3^{\wedge}2*1)$
11493017	G	$-9+(-8-7)^{\wedge}6+(5*4^{\wedge}3)^{\wedge}2+1$	12383587	G	$-9*8+7*6*5*43^{\wedge}2+1$
11503359	P	$-(-98/7^{\wedge}-6+(54*3)^{\wedge}2)+1$	12383664	P	$-(9-8)+7*(6*543^{\wedge}2+1)$
11505656	G	$-9+(8*(7*(65-4)-3))^{\wedge}2+1$	12383683	P	$-(9+8)+7*6*(543^{\wedge}2+1)$
11509117	G	$98*7^{\wedge}6-5*(4^{\wedge}(3*2)+1)$	12383699	P	$-(9-8)+7*6*(543^{\wedge}2+1)$
11510066	P	$-(9+8)+(7+6)^{\wedge}5*(4^{\wedge}3/2-1)$	12402679	G	$-9-(8-765)*4^{\wedge}(3*2+1)$
11510082	P	$-(9-8)+(7+6)^{\wedge}5*(4^{\wedge}3/2-1)$	12419078	G	$9+8^{\wedge}7*(6-5*4^{\wedge}-3)-2-1$
11520352	G	$98*7^{\wedge}6-5*(43^{\wedge}2+1)$	12419080	G	$9+8^{\wedge}7*(6-5*4^{\wedge}-3)-2+1$
11524318	G	$-98*(-7^{\wedge}6+54)+3^{\wedge}2-1$	12425499	G	$(-9-8^{\wedge}7)*-6-54^{\wedge}3-2-1$
11527652	G	$98*(7^{\wedge}6-5*4)+3^{\wedge}2+1$	12425501	G	$(-9-8^{\wedge}7)*-6-54^{\wedge}3-2+1$
11528346	G	$98*7^{\wedge}6-(5^{\wedge}4+3)*2*1$	12518388	P	$9^{\wedge}(-8-7)+6*(5*43-2-1)$
11528358	G	$98*7^{\wedge}6-(5^{\wedge}4-3)*2*1$	12536677	G	$-9-(-8^{\wedge}7*6+(5*43)^{\wedge}2+1)$
11528730	G	$98*(7^{\wedge}6-(5+4))+3^{\wedge}2+1$	12556658	G	$-9-(-8^{\wedge}7*6+(54*3)^{\wedge}2+1)$
11530494	G	$98*(7^{\wedge}6+5+4)+3^{\wedge}2+1$	12559944	G	$9+(8*(7*65+4*3))^{\wedge}2-1$
11530846	G	$98*7^{\wedge}6+(5^{\wedge}4-3)*2*1$	12562446	P	$-(-9-8^{\wedge}7*6)-5*(4^{\wedge}(3*2)-1)$
11530858	G	$98*7^{\wedge}6+(5^{\wedge}4+3)*2*1$	12566902	P	$-(9-8^{\wedge}7*6)-(5*4)^{\wedge}3*2-1$
11530960	G	$-98*(-7^{\wedge}6+5)+43^{\wedge}2-1$	12573722	P	$-(-9-8^{\wedge}7)*6-5*43^{\wedge}2+1$
11531572	G	$98*(7^{\wedge}6+5*4)+3^{\wedge}2+1$	12574902	G	$-9+8^{\wedge}7*6-(5*4)^{\wedge}3-2+1$
11534187	G	$98*(7^{\wedge}6+5)+4^{\wedge}(3*2)-1$	12577232	G	$(-9+8^{\wedge}7)*6-5*4*3^{\wedge}2-1$
11534455	G	$((9+8)*7+(6+5)*4^{\wedge}(3^{\wedge}2+1))$	12577234	G	$(-9+8^{\wedge}7)*6-5*4*3^{\wedge}2+1$
11550077	G	$98*7^{\wedge}6-5*(-4^{\wedge}(3*2)+1)$	12577277	G	$-9+8^{\wedge}7*6-5*4*3^{\wedge}2-1$
11550616	G	$-9+(8+7)^{\wedge}6+(5*4)^{\wedge}(3+2-1)$	12577279	G	$-9+8^{\wedge}7*6-5*4*3^{\wedge}2+1$
11555847	G	$98*7^{\wedge}6+(54*3)^{\wedge}2+1$	12577341	G	$(9+8^{\wedge}7)*6-5*4*3^{\wedge}(2*1)$
11575828	G	$98*7^{\wedge}6+(5*43)^{\wedge}2+1$	12577427	G	$(-9+8^{\wedge}7)*6-5432+1$
11637447	P	$-9*8-7*(-(65*43)^{\wedge}2+1)$	12577788	P	$-(9-8^{\wedge}7*6)-5*(4^{\wedge}(3+2)-1)$
11648561	G	$-9+(8*7*(65-4)-3)^{\wedge}2+1$	12578756	P	$-(-(-9+8^{\wedge}7)*6+5)-4^{\wedge}(3*2)-1$
11648601	G	$-98+7/(6*5*43)^{\wedge}2-1$	12578864	P	$-((-9-8^{\wedge}7)*6+5)-4^{\wedge}(3*2)-1$
11648690	G	$-9-(8-7*((6*5*43)^{\wedge}2+1))$	12581082	G	$(-9-8^{\wedge}7)*-6-(5^{\wedge}4+3)*(2+1)$
11648694	G	$9-(8-7*((6*5*43)^{\wedge}2-1))$	12581121	P	$-(-9-8^{\wedge}7)*6+5-43^{\wedge}2-1$
11689553	G	$-9+(8*7*(65-4)+3)^{\wedge}2+1$	12581710	G	$(9+8^{\wedge}7)*6-(5^{\wedge}4+3)*2*1$
11696392	G	$-9+((-8-7)*6*(5-43))^{\wedge}2+1$	12581722	G	$(9+8^{\wedge}7)*6-(5^{\wedge}4-3)*2*1$
11717973	G	$-9*87+6*(5^{\wedge}(4+(3+2))+1)$	12581828	P	$-(-9-8^{\wedge}7)*6-5-4^{\wedge}(3+2)-1$
11718070	G	$-9*87+6*(5^{\wedge}(4+(3+2))+1)$	12582182	G	$-9+(8^{\wedge}7-6*5*4)*3*2-1$
11718252	G	$9*-8*7+6*(5^{\wedge}(4+(3+2))+1)$	12582188	P	$-(9-8^{\wedge}7*6)-5*(4*3)^{\wedge}2-1$
11718720	G	$((9-8)-7)*(6-5^{\wedge}(4+(3+2))-1)$	12582243	G	$(-9+8^{\wedge}7)*6-5*4+3^{\wedge}2+1$
11718734	P	$-9+8-7+6*(5^{\wedge}(4+3+2)-1)$	12582572	P	$-(9-8^{\wedge}7*6)-5*(4*3+2)-1$

12582608	G	$(-9+8^7)^*6-5^4/(3/2+1)$	13409048	P	$-(9+(8-7^*6)^*(5^4+3))^2+1$
12583212	G	$-9+8^7*6-5*(-4^3+2)-1$	13436862	P	$-9+8^*- (7-6^*- (-5-4)/(3^*2)) -1$
12583876	G	$(- (9-8^7)^*6-5)+4^*(3+2)-1$	13481254	G	$-9-(8-(7^*(6^*5+4))^3+2)+1$
12584222	P	$(9+8^7)^*6+(5^4+3)^*2+1$	13489504	G	$98^*(7^6+5^4*32-1)$
12585269	G	$(9+8^7)^*6+(5+43)^2-1$	13489700	G	$98^*(7^6+5^4*32+1)$
12586214	G	$(9+8^7)^*6+(54+3)^2-1$	13512968	G	$-9+(8^*7-6^*(5^4-3))^2+1$
12586828	G	$-9+(8^7+654)^*3^*2+1$	13553344	G	$(-9+8^*7)^*(6-543)^2+1$
12586948	P	$-((-9+8^7)^*6+5)+4^*(3^*2)-1$	13594784	G	$-9+87^*(6+5^4(4+3))^2-1$
12587056	P	$-((-9-8^7)^*6+5)+4^*(3^*2)-1$	13671734	G	$-98-7^*(6-5^4(4+3+2))-1$
12588028	P	$-(9-8^7*6)+5*(4^*(3+2)+1)$	13671762	G	$-9^*8-7^*(6-5^4(4+3+2))+1$
12588482	G	$(-9+8^7)^*6+5^4*3^2-1$	13671852	G	$-9^*8+7^*(6+(5^4(4+(3+2))+1))$
12588484	G	$(-9+8^7)^*6+5^4*3^2+1$	13671858	G	$-9-8+7^*(6-5+4)^{(3^2*1)}$
12588527	G	$-9+8^7*6+5^4*3^2-1$	13671867	G	$-9+(8-7+6)/5^{(-4-(3+2))+1}$
12588529	G	$-9+8^7*6+5^4*3^2+1$	13716520	G	$98^*(-7+6^4(-5-4^*-3))/2-1$
12592153	G	$-9+(8^7*6+5^*(43^2+1))$	13716522	G	$98^*(-7+6^4(-5-4^*-3))/2+1$
12592212	P	$-(-9-8^7)^*6-5^*-43^2+1$	13717206	G	$98^*(-7-6^4(-5-4^*-3))/-2-1$
12598902	P	$-(9-8^7*6)+(5^*4)^3*2-1$	13717208	G	$98^*(-7-6^4(-5-4^*-3))/-2+1$
12603406	P	$-((-9-8^7*6)-5^*(-4^*(3^*2))-1)$	13748565	P	$(9^8-7^*(6^4(5+4)-3))/-(2^*1)$
12609211	G	$(-9-8^7)^*-6+(54^*3)^2+1$	13748574	G	$(9^8-7^*6^4(5+4)+3)/(-2^*1)$
12629192	G	$(-9-8^7)^*-6+(5^*43)^2+1$	13748577	P	$(9^8-7/6^4(-5+4)-3)/(-2^*1)$
12681206	G	$-9-8^7*(-6+(5/4)^3-2)-1$	13748586	P	$(9^8-7^*(6^4(5+4)+3))/-(2^*1)$
12691647	G	$-9^*8-7^*6^5*(-4^*(3+2)^*1)$	13778845	G	$-98+((-7+65)/4^4-3)^2-1$
12691654	G	$-9^*8-7^*(-6^5*4^4(3+2)-1)$	13778936	G	$-9+(8^*7-6^*(5^4+3))^2+1$
12701336	G	$-9+(8+7)^6+5^4*(3^2*1)$	13816079	P	$-9+(8+7-6^*(-5^4+3))^2-1$
12706079	G	$9-(8-7^6*54+3)^*2+1$	13823990	G	$-9+(8-(7-65)^*4)^3-2+1$
12706080	G	$9-(8-7^6*54+3)^*2+1$	13875552	P	$-9^*8+(7-6^*(-5^4+3))^2-1$
12706089	G	$(9-8+7^6*54-3)^*2+1$	13875607	P	$- (9+8)+(7-6^*(-5^4+3))^2-1$
12706103	G	$9+8+(7^6*54-3)^*2+1$	13875696	P	$9^*8+(7-6^*(-5^4+3))^2-1$
12706104	G	$9+8+(7^6*54-3)^*2+1$	13881630	G	$-9+(8-7^6)^*(5-4^3)^*2+1$
12706111	G	$9+(8+7^6*54-3)^*2+1$	13920351	G	$-9+(8-(7-6^*(5^4+3)))^2-1$
12706115	G	$9+8+(7^6*54+3)^*2+1$	13926836	G	$-987+(6^*(5^4-3))^2-1$
12706119	G	$(9+8+7^6*54-3)^*2-1$	13927704	G	$(-9-8)^*7+(6^*(5^4-3))^2-1$
12706123	G	$9+(8+7^6*54+3)^*2+1$	13927801	P	$- (9+8+7)+(6^*(-5^4+3))^2+1$
12706132	G	$(9+8+7^6*54+3)^*2+1$	13927811	G	$-98/7+(6^*(-5^4+3))^2+1$
12706158	G	$9^*8+(7^6*54-3)^*2+1$	13927942	G	$(-9-8)^*-7+(6^*(5^4-3))^2-1$
12706170	G	$9^*8+(7^6*54+3)^*2+1$	13928327	G	$9^*8^*7+(6^*(-5^4+3))^2-1$
12706184	G	$98+(7^6*54-3)^*2+1$	13928810	G	$987+(6^*(5^4-3))^2-1$
12706196	G	$98+(7^6*54+3)^*2+1$	13933551	G	$-9+8^*((7^6*5-4)^*32-1)$
12706230	G	$(9^*8+7^6*54-3)^*2+1$	13934454	G	$-9+(8^*7^6*5-4)^*32-1$
12706242	G	$(9^*8+7^6*54+3)^*2+1$	13934728	G	$9+(8^*7^6*5+4)^*32-1$
12706282	G	$(98+7^6*54-3)^*2+1$	13935279	G	$-9+(8-7-6^*(-5^4+3))^2-1$
12706294	G	$(98+7^6*54+3)^*2+1$	13941695	P	$-9-8^*7^*(-6^5+4)^*32+1$
12711038	G	$-9+8^*7^*((65-4)^3+2)-1$	13942047	P	$(9-8^*7^*(-6^5+4))^*32-1$
12740427	G	$(-9-8^7)^*-6+54^3-2-1$	13980048	G	$-9^*8+(7-6^*(-5^4+3))^2-1$
12740429	G	$(-9-8^7)^*-6+54^3-2+1$	13980103	P	$- (9+8)+(7-6^*(-5^4+3))^2-1$
12754578	G	$-9+(87-6)^*54^3+2+1$	13987503	G	$-98+(7-6^*5^4+3)^2+1$
12812887	G	$-9+8^*((7+6)^*(5+4))^3-2+1$	14039506	G	$-9^*8^*7+(6^*5^4-3)^2+1$
12813741	G	$-9-((8+7)^6-5^4)/(3^2-2-1)$	14039889	G	$(-9-8)^*7+(6/5^4-4-3)^2-1$
12877706	G	$(-9+8^7)^*6+54^3-2-1$	14084506	G	$-9^*8^*7+(6^*5^4+3)^2+1$
12897787	G	$(-9+8^7)^*6+54^3*2+1$	14084889	G	$(-9-8)^*7+(6/5^4-4+3)^2-1$
12930056	G	$(9^*87-6^5)^*-43^2-1$	14130063	P	$- (9+8)+(7^*(6-543))^2-1$
12959830	G	$-9-8^*(-7+(6^5)^4-3)^*-2-1$	14130154	G	$9^*8+(7^*(6-543))^2+1$
12977286	P	$-(9-8^7*6)+(5^4+3)^2-1$	14130692	G	$-9^8-7^6*54/-3^2-2-1$
12977351	G	$(9+8^7)^*6+(5^4+3)^2+1$	14130694	G	$-9^8-7^6*54/-3^2-2+1$
13109409	G	$(98^*7-6^5)^*-43^2-1$	14137503	G	$-98+(7+6^*5^4+3)^2+1$
13114408	P	$-((-9-8^7)^*6+(5+4)^{(3^*2)+1}$	14144849	G	$9^*(8-7^*6)^*(5^*43)^2-1$
13154013	P	$-9+(8-7^*6)^*-((-5^4+3)^2-1)$	14145048	G	$-9^*8+(7-6^*(5^4+3))^2-1$
13154048	P	$-(9+(8-7^*6)^*(-5^4+3)^2)+1$	14145103	G	$-9-(8-(7-6^*(5^4+3))^2)-1$
13176726	G	$-9+8^*(7^6(6+5-4)+3)^*2-1$	14171916	G	$-9+(-8-7)^*(6^*(-54^3-2)+1)$
13226885	P	$-98-7^*(-6^*54^3*2+1)$	14196836	G	$-987+(6^*(5^4+3))^2-1$
13226950	G	$-9-(8-7^*6*54^3)^*2-1$	14197704	G	$(-9-8)^*7+(6^*(5^4+3))^2-1$
13227017	P	$-(9-8)+7^*6^*(54^3*2+1)$	14197801	P	$- (9+8+7)+(6^*(5^4+3))^2+1$
13227219	G	$-9+(-8-76)^*(-54^3-2-1)$	14197811	G	$-98/7+(6^*(5^4+3))^2+1$
13292185	G	$9+8^*((-7+6^4(5-4+3))^2+1)$	14197819	G	$9-8-7+(6^*(5^4+3))^2+1$
13307833	G	$-9^*8+(76^*(5+43))^2+1$	14197942	P	$- (-9-8)^*7+(6^*(5^4+3))^2-1$
13307886	G	$-9-8+(76^*(5+43))^2-1$	14198327	G	$9^*8^*7+(6^*(5^4+3))^2-1$
13359015	G	$-9+((8+7^*(6+5))^4*3)^2-1$	14198810	G	$987+(6^*(5^4+3))^2-1$
13366227	G	$-9^*(8-(7+6)^5)^4-32-1$	14199111	P	$- (9-((8-(7+5))^4-3)/2)+1$
13366236	G	$-9^*((8-(7+6)^5)^4+3)+2+1$	14199112	G	$-9+((8-(7+5))^4+3)/2-1$
13395592	G	$-9+(87-6^*5^4+3)^2+1$	14203839	G	$(9^8-(7^6+5)^4*3)/(2^*1)$

14205351	G	$-9+(8-(7-6*(5^4+3)))^2-1$	15625335	G	$-9+8*(7*6+5^(4+3+2)+1)$
14250552	G	$-9*8+(7+6*(5^4+3))^2-1$	15728796	G	$-9+(-8-7)*(-6-5-4^(3^2+1))$
14250607	P	$-(9+8)+(7+6*(5^4+3))^2-1$	15782902	G	$-9+8^7*6-(-5^4)^(3+2)-1$
14311079	G	$-9+(8+7+6*(5^4+3))^2-1$	15872248	G	$-9+(8*(7*6+5+43))^2+1$
14351938	G	$(98/7-6^5)^*-43^2*1$	15882720	G	$9*(8+7^6*5-4)*3-2-1$
14364954	G	$9*8+(-7+6^5)*43^2+1$	15882722	G	$9*(8+7^6*5-4)*3-2+1$
14370047	P	$-(9-8)^7-6^5*(-43^2+1)$	15882726	G	$9*(8+7^6*5-4)*3+2+1$
14385647	G	$-9+(8*7+6^5*(43^2+1))$	15882936	G	$9*(8+7^6*5+4)*3-2-1$
14521230	G	$-9-8+(7*6)^5/(4+3+2)-1$	15882938	G	$9*(8+7^6*5+4)*3-2+1$
14580953	G	$9*(8*7+(6*5)^4-3)^2-1$	15882940	G	$9*(8+7^6*5+4)*3+2-1$
14581063	G	$9*(8*7+(6*5)^4+3)^2+1$	15882942	G	$9*(8+7^6*5+4)*3+2+1$
14590617	P	$-(9-(8+7)^6+(5*4)^-(-3-2)+1)$	15946869	G	$-9+(8+7)^6/5*(4+3)+2+1$
14622968	G	$-9+(8*7+6*(5^4+3))^2+1$	15956342	P	$-9-8*76^*- (54*3)^2-1$
14630615	G	$-9+(87*(6+5)^4-3)^2-1$	15956951	G	$-9-8*-76*((54*3)^2+1)$
14649984	G	$(9-8-7)^6*(5^4+3)/2*1$	15961074	G	$-9-(8^7-(6^5(5+4)-3))^2+1$
14653576	G	$-9+(87*(6-5+43))^2+1$	15961086	G	$-9-(8^7-6^5(5+4)-3)^2+1$
14676551	G	$-9+(87*(6+5)^4+3)^2-1$	16000270	G	$9+8*7^6*(5^4-3)-2-1$
14679599	G	$-9+(-8^7+65)^*(-4-3)-2+1$	16000272	G	$9+8*7^6*(5^4-3)-2+1$
14680531	G	$9+(8^7+65)*(4+3)+2+1$	16000274	G	$9+8*7^6*(5^4-3)+2+1$
14683791	G	$-9-8*(7^6-5^4(4+3+2)+1)$	16000276	G	$-9+8^7+(6*(5^4-3))^2-1$
14683798	G	$-9-8*(7^6-5^4(4+3+2))-1$	16024966	G	$-9+(8*(7^6-543))^2+1$
14707224	G	$(-9+(8*7+6)^-(-5+4+3))^2-1$	16064056	G	$(-9^8+76+5)/(4/3*(-2*1))$
14707226	G	$(-9+(8*7+6)^-(-5+4+3))^2+1$	16142490	G	$(9^8+(-7-6)^5)/(4/3*(2*1))$
14745592	G	$-9+(87+6*5^4+3)^2+1$	16142496	P	$(-9^8+76+5)/(4/3*(-2*1))$
14758073	G	$9*(8*7*(6+5)^4-3)^2-1$	16142547	P	$9*(8-7*(6^5+4))^-(32+1)$
14768578	G	$-9*8+(7*(6+543))^2+1$	16174692	P	$-((-9-8+7)*(6*5)^4-3)^2-1$
14768631	G	$-9-8+(7*(6+543))^2-1$	16200005	G	$-9-87*(6^5*4*3^2+1)$
14782491	G	$9*(876*5^4*3-2+1)$	16236192	G	$-9+(-8-7^6)*(-5-4^3)^2+1$
14845608	G	$(-9-(8*7+6)^-(-5+4+3))^2-1$	16236658	P	$-(9+8-7*6/(-5^4+3))^2+1$
14845610	G	$(-9-(8*7+6)^-(-5+4+3))^2+1$	16249112	G	$9+8^7*(6-5/4+3)+2+1$
14909432	G	$-9+8*7*65*4^3(3^2)+1$	16252940	P	$-(9-8^7)+6*(5^4+3))^2-1$
14930208	G	$-9-8*(7^6-5^4*3^2)*1$	16294966	G	$-9*(8-76-54)^3-2-1$
14971382	G	$-9+8*(76*54/3)^2-1$	16342629	G	$-9*(8-76-54)^3-2+1$
15023358	P	$-(9+8)+(76*(54-3))^2-1$	16342631	G	$-9+8*(7+6)^*(54^3-2)-1$
15024925	P	$-(9/8-7+(654*3)^2)+1$	16376038	G	$9+(8-7^6*5)^*(4-32)*1$
15038271	G	$-9^8+(7^6)^5*4^3*-2*1$	16470645	G	$9-(8+7^6*5)^*(4-32)*1$
15056127	P	$-(9*8-(7^6-5)^4)*32-1$	16471093	P	$-(9-8^7)-6^5*(-43^2-1)$
15056129	P	$-(9*8-(7^6-5)^4)*32+1$	16482743	G	$-9^8+(7+6^5-4^3)^2-1$
15057407	P	$-(9*8-(7^6+5)^4)*32-1$	16536239	P	$-(9+8)-7*6*(-5^4+3)^2+1$
15057409	P	$-(9*8-(7^6+5)^4)*32+1$	16564112	G	$-9+8*(7^6+5^4(4+3+2)+1)$
15058185	G	$9-(8-(7^6-5)^4)*32*1$	16566191	G	$(9^8-(76-5)^4*3)/(-2*1)$
15058448	G	$9+8+(7^6-5)^4*32-1$	16594161	G	$-9^8+(7-6^5+43)^2+1$
15058450	G	$9+8+(7^6-5)^4*32+1$	16644356	P	$-(9-((-8+76)^5*4*3)^2)+1$
15058529	G	$98+(7^6-5)^4*32-1$	16646392	G	$-9*8+76^5(5-(4-3))/2*1$
15058531	G	$98+(7^6-5)^4*32+1$	16681016	G	$-9+(8*7*(6^5+43))^2-1$
15059728	G	$9+8+(7^6+5)^4*32-1$	16711734	G	$-9+((-8^7+6^5)^4+3)^2-2-1$
15059730	G	$9+8+(7^6+5)^4*32+1$	16714992	G	$9*(87+6)^5*4*32*1$
15059809	G	$98+(7^6+5)^4*32-1$	16740000	G	$-98+((7+6-5)^4-3)^2-1$
15059811	G	$98+(7^6+5)^4*32+1$	16752550	P	$-(9+8-((-7+6-5)^4+3)^2)*1$
15059977	G	$9+(8+(7^6+5)^4)*32*1$	16752632	P	$-9+(-8^7-(7-(6+5))+4-3)^2-1$
15060726	G	$-9+(8+(7^6+5)^4)*32-1$	16769015	G	$-9+(8^7-6^5)/4*32+1$
15186601	G	$-9+((8+7)*65^4-3)^2+1$	16776968	G	$-9+(8^7+6^5)/4*32+1$
15204333	P	$-(9-8^7*(6+5/4))-3^2-1$	16777448	G	$-9+((8^7+65)^4-3)^2+1$
15233401	G	$-9+((8+7)*65^4+3)^2+1$	16777722	G	$(9*8*7^6-5^4(4+3))^2*1$
15304267	P	$-98*(7^6-5^4-(-4-3))^2-1$	16785206	P	$-9+(8^7-(7-(6+5))+4-3)^2-1$
15327217	G	$-9+(87*(6-54+3))^2+1$	16801702	G	$-98+((7+6-5)^4+3)^2-1$
15372798	G	$(98*7^6-5)^4/3+2*1$	16834599	P	$-9+(8^7-(7-6-5)+4+3)^2-1$
15372799	G	$(98*7^6-5)^4/3+2+1$	16839408	G	$-9+((-8^7-6^5)^4+3)^2-2-1$
15535206	G	$9*(8*7^6-5^4(4+3))^2*1$	16863264	G	$9*8*(7^6-543)^2*1$
15547028	P	$-(9^8+7)-6*(-5^4(4+3^2)-1)$	16878448	G	$-9+8*7*(6+543)^2+1$
15547036	G	$-9^8+7-6*(-5^4(4+3^2)*1)$	16908278	G	$-9-8^7*(6-(5/4*3)^2)-1$
15563017	G	$-9+((8+7)*(65^4+3))^2+1$	16918128	G	$9*8*((7^6-54*3)^2*1)$
15624382	G	$-9-8*(76-5^4(4+3+2))-1$	16926432	G	$-9^8+(7+6^5)^4*32+1$
15624647	G	$-9-8*(7^6-5^4(4+3+2)+1)$	16940370	G	$(9*8*7^6-543)^2*1$
15624654	P	$-(9+8*(7^6-5^4(4+3+2)))^-1$	16941014	G	$-9+(-8+7^6+5)/(4*3)^2-2-1$
15624886	G	$-9-8*(7+6-5^4(4+3+2))-1$	16941026	G	$(9*8*7^6-5^4*3)^2*1$
15624944	G	$(-9+8-7)*((6-5^4(4+3+2)))^+1$	16941318	G	$9*(8*7^6-5-4^3)^2*1$
15624982	G	$-9-8*(7-(6+5^4(4+3+2)))^-1$	16941338	G	$(9*8*7^6+5-4^3)^2*1$
15625103	G	$-9+8*(7+6+5^4(4+3+2)+1)$	16941342	G	$(9*8*7^6-54-3)^2*1$
15625326	G	$-9-8*(-7^6-5^4(4+3+2))-1$			

16941354	G	$(9*8*7^6-54*3)*2*1$	17575896	G	$-98-7+(65*4)^3+2-1$
16941360	G	$(9*8*7^6-5-43)*2*1$	17575898	G	$-98-7+(65*4)^3+2+1$
16941380	G	$(9*8*7^6+5-43)*2*1$	17575905	G	$-9-87+(65*4)^3+2-1$
16941410	G	$(9*8*7^6-5*4-3)*2*1$	17576513	P	$-9-(8-(7*(6+5))^{4+3})/(-2-1)$
16941422	G	$(9*8*7^6-5*4+3)*2*1$	17576516	G	$-9-(8+(7*(6+5))^{4+3})/(-2-1)$
16941442	G	$(9*8*7^6+5-4*3)*2*1$	17577566	P	$9*(-8*7-(6-5^{4-(-4-(3+2))}))(-1)$
16941460	G	$(9*8*7^6-5+4*3)*2*1$	17636024	G	$(98-7*6)*(54^3*2+1)$
16941470	G	$(9*8*7^6-5+4*3)*2*1$	17637378	G	$-9^8+(7+6^5+4+3)^2-1$
16941490	G	$(9*8*7^6+5*4-3)*2*1$	17659369	G	$9*8^7+(6*5)^4-3/2+1$
16941502	G	$(9*8*7^6+5*4+3)*2*1$	17770687	G	$-9^8+(-7+65)^4(3^2+1)$
16941532	G	$(9*8*7^6-5+43)*2*1$	17809398	P	$-(9-8^7*(6+(5-4^3)/2))(-1)$
16941552	G	$(9*8*7^6+5+43)*2*1$	17812787	G	$(-9-8)*(765-4^3(2+1))$
16941558	G	$(9*8*7^6+54-3)*2*1$	17825846	G	$((9+8^7)^6+5*4^3(2+1))$
16941570	G	$(9*8*7^6+54+3)*2*1$	17850758	G	$-9*(-8-7)+65^4-(3-2)-1$
16941574	G	$(9*8*7^6-5+4^3)*2*1$	17940472	G	$-9+876*5*4^3(2+1)$
16941594	G	$(9*8*7^6+5+4^3)*2*1$	17977592	P	$-9+(8*(-(-7-6)-543))^2+1$
16941886	G	$(9*8*7^6+5*43)*2*1$	17994672	G	$((9+8)*7^6-5^4)*3^2*1$
16941896	G	$9-(-8-7^6+5)/(4^3)^{-2}-1$	17998920	G	$(-9-8)*(7^6-(5+4))/(-3^2-2*1)$
16942542	G	$(9*8*7^6+543)*2*1$	17999496	P	$((-9-8)^{-(-7^6+5)+4})/(-3^2-2*1)$
16943338	G	$9-(-8-7^6-5)*(4^3)^2+1$	17999811	G	$(9+8)*7^6-5^4*3^2*1$
16964784	G	$9*8*((7^6+54^3)*2*1)$	18000216	G	$((9+8)*7^6-5-4)*3^2(2*1)$
17019648	G	$9*8*(7^6+543)*2*1$	18000378	G	$((9+8)*7^6+5+4)*3^2(2*1)$
17038373	G	$-987+65*4^3(2*1)$	18000783	G	$((9+8)*7^6+54)*3^2*1$
17039255	G	$-98-7+65*4^3(2*1)$	18003367	G	$-9-8+(7*6^5(5+4))^3/(2+1)$
17039264	G	$-9-87+65*4^3(2*1)$	18005922	G	$((9+8)*7^6+5^4)*3^2(2*1)$
17039269	G	$-98+7+65*4^3(2*1)$	18005923	G	$((-9-8)/7^6-6-5^4)/(-3^2-2+1)$
17039295	G	$-9*8+7+65*4^3(2*1)$	18058238	G	$-9-8^7+(6^5(5+4)+3)*2+1$
17039336	G	$-9-8-7+65*4^3(2*1)$	18064358	P	$-(-9*8^7+(6*5)^4)-3^2-1$
17039407	G	$-9+8*7+65*4^3(2*1)$	18064376	P	$-(-9*8^7+(6*5)^4)+3^2-1$
17059088	P	$-(9+8)+7^6*((5+4+3)^2+1)$	18113528	G	$-9+(8*76*(5-4*3))^2+1$
17059104	P	$-(9-8)+7^6*((5+4+3)^2+1)$	18193741	G	$-9+(8+(7+6)^5)*(4+3)^2+1$
17084167	G	$(9^8-7+6)/(-5/(4^3-2)*1)$	18199556	G	$-9^8+(7+6^5+43)^2+1$
17095041	G	$-9+(8+7)^6*(5^4-4+3)/(2*1)$	18265813	G	$(9*87*-6^5+4)*-3+2-1$
17095059	G	$9+(8+7)^6*(5^4-4+3)/(2*1)$	18301236	P	$-(9-((8*7-6+5)^4-3)^2)+1$
17097706	G	$(9*8*7^6+5^4(4+3))*2*1$	18301246	G	$-9+((-8*7+6-5)^4+3)*2-1$
17126713	P	$-(-9^8+7)-(6^5)^4*32-1$	18331434	G	$(9^8-7*6^5(5+4))/(-3/2*1)$
17131311	P	$-9+(8^6-(7-(6+5))+43)^2-1$	18334367	G	$9*8^7+(6*5)^4/(-3^2-1)$
17131329	P	$9+(8^6-(7-(6+5))+43)^2-1$	18347705	G	$9*(8*7^6+5^4(4+3))^2-1$
17227166	G	$-9+((8-7)+6)^5*(4^3(2+1)+1)$	18347706	G	$9*(8*7^6+5^4(4+3))^2*1$
17295102	G	$-9^8+(7-6^5+4-3)^2-1$	18396606	G	$-9+8*7*((6+5+4)^3+2)-1$
17295132	G	$(98*(7^6+5)-4)*3/(2*1)$	18469272	G	$-9^8-7*((65^4-4)^3/2+1)$
17301498	P	$-(9-8^7*(6+5)/4^3-2)+1$	18524424	P	$9+(8-7*(-(6-5^4)-3))^2-1$
17304614	G	$-987+(65^4*3)^2+1$	18528687	G	$-9^8+(7+6^5+4+3)^2-1$
17305510	G	$-98+7+(65^4*3)^2+1$	18541386	P	$9^4(-(-8-7)+6)*(5^4+3)/(2*1)$
17305697	G	$98+((-7-6)*5^4*3)^2-1$	18564241	P	$-9+(8-(7+6)^5)*(-((4+3)^2+1))$
17305706	P	$-(-98-7)+(65^4/4-3)^2+1$	18579572	G	$9*(8^7+6)-543^2-1$
17306103	G	$9*8^7+(65^4*3)^2-1$	18593328	P	$-(9+8)+(7*(6-(5^4-3)))^2+1$
17310632	G	$-9^8-(7-(-6^5+4+3))^2-1$	18593336	G	$-9+(8*7*(65+4*3))^2+1$
17310639	G	$-9^8+(7-6^5*(4-3))^2-1$	18608063	G	$9*8^7-65*(4^3(2+1)+1)$
17310646	G	$-9^8+7+(-6^5+4+3)^2-1$	18629398	G	$-9+8*(7*65/3)^2-1$
17372214	G	$-9+(8+(7+6)*5^4*3)^2-1$	18679674	P	$-9+(8-7*(-(6-5^4)+3))^2-1$
17403896	G	$-9^8-(7-(-6^5+4-3))^2-1$	18688350	G	$(9^8-7*((6*5)^4+3))/(2*1)$
17403910	G	$-9^8+7+(-6^5+4-3)^2-1$	18688359	P	$(-9^8-7*(6*5)^4+3)/(-2*1)$
17419412	G	$-9^8-(-7+6^5(5+4))*-3*2-1$	18688362	G	$(9^8-7*(6*5)^4+3)/(2*1)$
17419441	P	$-(9^8+(7-6^5(5+4)*3)*2)*1$	18688371	P	$(9^8-7*(-(6*5)^4+3))/(2*1)$
17419448	P	$-(9^8+7)+6^5(5+4+3-2)*1$	18712119	G	$(9^8-(7+6*5)^4*3)/(2*1)$
17419449	P	$-(9^8+7)+6^5(5+4+3-2)+1$	18712369	G	$9*8^7-((6*5)^4/(3+2)-1)$
17419462	G	$-9^8+7+6^5(5+4+3-2)*1$	18720000	G	$9*8*(7+6)/(5^4-4/(32*1))$
17419463	G	$-9^8+7+6^5(5+4+3-2)+1$	18724495	G	$-9+8*(7*(6^5*43-2)+1)$
17419496	G	$-9^8-(7-6^5(5+4))*-3*2-1$	18724584	G	$-9-8*(7*-6^5*43+2)+1$
17435000	G	$-9^8-(7-(6^5+4-3))^2-1$	18724634	G	$9-8*(7*-6^5*43-2)+1$
17435014	G	$-9^8+7+(6^5+4-3)^2-1$	18724767	G	$-9-8*7*(-6^5*43-2)-1$
17450861	P	$(9-87)/(-((-6-5)*4^3)^{-2}-1)$	18731574	G	$-9+(8-(-7*(6-5^4)+3))^2-1$
17519991	G	$-9+876*5^4*32*1$	18731592	G	$9+(-8-7*(6-5^4)+3)^2-1$
17528360	G	$-9^8-(7-(6^5+4+3))^2-1$	18746715	P	$-(-9^8+7)+(-6*5)^4(4+3-2)+1$
17528367	G	$-9^8+(7+6^5(4-3))^2-1$	18748971	G	$9*8+(-7*(6-5^4)-3)^2-1$
17528374	G	$-9^8+7+(6^5+4+3)^2-1$	18766153	G	$-9*8+(76*(54+3))^2+1$
17563639	G	$-9+(8*7+6+5)*4^3(2*1)$	18766206	G	$-9-8+(76*(54+3))^2-1$
17570240	P	$9*(-876+5^4-(-4-(3+2)))(-1)$	18800888	G	$-9+(8*(7-6-543))^2+1$
17575016	G	$-987+(65^4)^3+2+1$	18800967	G	$9*8+(7*(6-5^4)-3)^2-1$

18804527	G	$9*(8^7-6^5)+(4*3)^2-1$	19114376	P	$-(9-((-8+7-6)*5^4+3)^2)+1$
18818234	P	$-9+(-(8-7*(6-5^4))+3)^2-1$	19131784	G	$-98+7+(6*(5+4)^3)^2-1$
18821407	P	$-(9*8-7^6*5+4)*32-1$	19131953	G	$-9+87+(-6*(5+4)^3)^2-1$
18821409	P	$-(9*8-7^6*5+4)*32+1$	19131994	G	$(9+8)*7+(6*(5+4)^3)^2-1$
18823728	G	$9+8+(7^6*5-4)*32-1$	19140543	G	$9*8^7-65*(-4^(3*2)+1)$
18823730	G	$9+8+(7^6*5-4)*32+1$	19151719	G	$9*8^7-(-6/(5*43))^2-1$
18823748	G	$(9/8+7^6*5-4)*32*1$	19151724	P	$9/8^7-7-6*(-(5*43)^2+1)$
18823798	G	$-9*(-8^7-6-5^4*-3^2)+1$	19169162	G	$-9*(-8^7+6)+543^2-1$
18823807	G	$((98/7)^6*-5+4^3)/-2-1$	19169270	G	$9*(8^7+6)+543^2-1$
18823822	G	$9+8*7^6*5^4-3^4(2+1)$	19189600	G	$-9^8+7^6*(5^4+3)^2(2*1)$
18823984	G	$9+8+(7^6*5+4)*32-1$	19199927	P	$-(9*8+7)+6*((5^4)^3+2)+1$
18823986	G	$9+8+(7^6*5+4)*32+1$	19199985	G	$-98/7+6*(5^4)^3(3+2)-1$
18824030	G	$(9+8*7^6)*5^4+3^2+1$	19200041	P	$-(9-8*7)+6*((5^4)^3+2)-1$
18824097	G	$9+8*(7^6*5^4+32-1)$	19200120	G	$(9+8)*7+6*(5^4)^3(3+2)+1$
18824113	G	$9+8*(7^6*5^4+32+1)$	19215995	G	$(98*7^6-5)^4(3*2-1)$
18826845	P	$-(-9*8^7+(654/3)^2)+1$	19254534	G	$-9+(8-7*(6+5^4-3))^2-1$
18828136	P	$-(-9*8^7+6)-(5*43)^2-1$	19261247	G	$(9*8^7-6)+(5^4-3)^2+1$
18839274	G	$(98-7)/(65*(-4-3))^2-2-1$	19268747	G	$9*8^7-(6-(5^4+3))^2-1$
18844129	G	$9*8^7-6^5*(4-3^2)+1$	19307249	G	$-9^8+7^6*((5^4+3)^2+1)$
18848117	P	$-(-9*8^7+6)-(54*3)^2-1$	19324800	P	$-(9+8)+(7*(6+5^4-3))^2+1$
18853887	P	$-(-9*8^7+6)-5*(4^(3*2)-1)$	19324808	G	$-9+((8-7+6)*(5^4+3))^2+1$
18863250	G	$(9*8^7-6*(5+(43^2-1)))$	19369983	G	$9*8^7+((-6-5)*4^3)^2-1$
18865178	G	$9*(8^7+6)-5/43^2-1$	19395206	G	$-9+(8+7*(6+5^4-3))^2-1$
18866447	G	$9/8^7-7-(6^5+(4*3)^2+1)$	19412826	G	$-9+(8-7*(6+5^4+3))^2-1$
18869759	G	$9*8^7*(6-(5+4^4(-3*2))) -1$	19418958	G	$(-9+8)*((6^5+4)*32+1)$
18871868	G	$9*8^7-6^5*4/(3/2*1)$	19439918	G	$-9-8*(7-(6*5)^4*3+2)-1$
18872472	P	$9*8^7-(-(-6-5^4)*3+2)-1$	19439950	G	$-9-8*(7-((6*5)^4*3+2))-1$
18873103	G	$9*(8^7+65)-43^2-1$	19439997	P	$(-9-(8+7))*-(6*5)^4-3^2(2-1)$
18873473	G	$9*8^7-6*(5+(4*3)^2)-1$	19465734	G	$-9+((8-7*(6+5^4))-3)^2-1$
18875507	G	$9*(8^7+6)+543^2-1$	19483467	G	$9*8+(7*(6+5^4)-3)^2-1$
18875867	G	$9*(8^7+6)+(5-43)^2+1$	19487049	G	$(-9-8)*7+(6+5)^4(4+3)-2-1$
18875948	G	$9*(8^7-6^5)+43^2+1$	19488769	P	$-(-9*8^7-6*(5/4^3)^2+1)$
18876119	G	$-9*(-8^7+6+5)+43^2+1$	19518702	P	$-9-8*(-(7*6+5)^4+3)/2-1$
18876488	G	$9*(8^7+6^5)+43^2+1$	19595528	G	$9-8*7^6*5*(-43-2)-1$
18876727	G	$9*(8^7+6)+(5+43)^2+1$	19607174	G	$-9+(8+7*(6+5^4)+3)^2-1$
18876801	G	$9*(8^7+65)+43^2-1$	19682990	G	$-9-((8-7-6)*5^4)^3-2+1$
18876868	G	$9*8^7+6*5^4/(3/2*1)$	19684337	P	$-(-9*8^7-(6*5)^4)-(32-1)$
18878021	G	$9*(8^7+6)+(5^4*3)^2-1$	19684358	P	$-(-9*8^7-(6*5)^4)-3^2-1$
18878195	G	$9*(8^7-6^5)+4^4(3*2)+1$	19684376	P	$-(-9*8^7-(6*5)^4)+3^2-1$
18878375	G	$9*8^7+6-(5*4)^3/2+1$	19686961	G	$-9+(87*(6-54-3))^2+1$
18878421	G	$9*(8^7+6)+(5*4)^3/2-1$	19695828	P	$-(9+8)+(7*(6-(-5^4-3)))^2+1$
18881719	G	$9*8^7+6*(5*(-4-3))^2+1$	19766906	G	$-9+(8+7*((6+5^4)+3))^2-1$
18883026	G	$9*8^7+6*((-5+43)^2-1)$	19784696	G	$-9+(8*(-7-6-543))^2+1$
18883729	G	$9*8^7-(-65/(4*3)^2-1)$	19840905	G	$9*(8-(-7*(6+54^3*2)+1))$
18889968	G	$9*8^7+6*((-54+3)^2-1)$	19918648	G	$(-9+8*7)*(654-3)^2+1$
18891237	G	$9*8^7-6+5^4*3^4(2+1)$	19922969	G	$(9+8^7*(6-5/4)+3)^2+1$
18893856	G	$9*8^7+6*((-54-3)^2-1)$	19923252	G	$-9*8+76*(5+4^3(3^2*1))$
18894847	P	$-(-9*8^7+6)-5*(-4^(3*2))-1$	19999922	G	$(9+8)*(7^6*5-4*3)^2*1$
18894903	G	$9*(8^7+6)-5*-4^(3*2)+1$	20000244	G	$((9+8)*7^6*5-43)^2*1$
18900605	P	$-(-9*8^7+6)+(54*3)^2-1$	20000416	G	$((9+8)*7^6*5+43)^2*1$
18920586	P	$-(-9*8^7+6)+(5*43)^2-1$	20000738	G	$(9+8)*(7^6*5+4*3)^2*1$
18921891	G	$9/8^7-7+(654/3)^2-1$	20034568	G	$-9+(8+76*(5-4^3))^2+1$
18926351	G	$9/8^7-7+(6*(5-43))^2-1$	20106183	G	$-9*8+(76*(5-4^3))^2-1$
18929844	G	$9*8^7-6*(-5*43^2-1)$	20106254	G	$-9+8+(76*(5-4^3))^2-1$
18939896	G	$-9+(8*(7-6+543))^2+1$	20153411	G	$(-987+6^5(5+4)-3)^2-1$
18944495	G	$9*(8^7+6^5)+(4*3)^2-1$	20154377	P	$-(-9*8*-7+6^5(5+4)+3)^2-1$
18948447	G	$9*(8^7+6^5)+4^4(3*2)-1$	20154410	G	$-987+(6^5(5+4)+3)^2-1$
18957300	P	$-(9+8)+(7*(6-5^4-3))^2+1$	20154893	G	$9*-8*7+(6^5(5+4)+3)^2-1$
18957308	G	$-9+((-8+7-6)*(-5^4+3))^2+1$	20155346	P	$-9+((8+7-6^5(5+4))+3)^2-1$
18966431	G	$-98+(7*(-6+54))^3/2+1$	20155354	P	$-9-8-(-(-7+6^5(5+4))+3)^2-1$
18982902	G	$-9+8^7*(6+(5/4)^3(3+2))-1$	20178056	G	$-9+(8-76*(5-4^3))^2+1$
18996595	P	$-9+(8^7)-6*(-(5^4*3)^2-1)$	20283042	G	$-9^8+(7*6+(-5*4)^3)^2-1$
19027034	G	$-9+(8-7*(6-5^4-3))^2-1$	20288046	G	$(9^8-7^6(6+5-4)*3)/(2*1)$
19029887	G	$9*8^7-6^5*4*(3+2)-1$	20291487	G	$9*(8^7-6+54^3)-2-1$
19059121	P	$-(9+8-7^6*54*3)^2(2-1)$	20291489	G	$9*(8^7-6+54^3)-2+1$
19059123	G	$9-(8-7^6*54)^3(2-1)$	20308350	G	$(9^8+(-7-(6*5)^4)*3)/(2*1)$
19059124	G	$9-(8-7^6*54)^3+2-1$	20308371	G	$(9^8-(-7+(6*5)^4)*3)/(2*1)$
19059126	G	$9-(8-7^6*54)^3+2+1$	20373579	G	$(9^8-7*(65+4)^3)/(2*1)$
19059135	P	$-9(8-7^6*54)^3(2-1)$	20400708	G	$-9+8/7*(65^4+3/2)+1$
19059170	G	$9+(8+7^6*54)^3-2+1$	20457153	G	$9^8+7^6(5+4)/-4^3-3*(2+1)$

20459073	G	$9^8 - (-7^6 + 5) / -4^{\wedge} - 3^*(2+1)$	21516546	G	$(9^8 - 7^*(6^5/4+3)) / (2^*1)$
20575199	G	$-98 + (7^*6^5 / (4^*3))^{\wedge}2 + 1$	21516555	P	$(-9^8 + 7^*6^5/4+3) / - (2^*1)$
20582902	P	$-9 - 8^{\wedge}7^* - (6 + (5/4)^{\wedge}(3^*2)) - 1$	21516558	G	$(9^8 - 7^*6^5/4+3) / (2^*1)$
20647837	G	$-98 + ((-76+5)/4^{\wedge}-3)^{\wedge}2 - 1$	21516567	G	$(9^8 - 7^*(6^5/4-3)) / (2^*1)$
20766231	P	$-(9+8) + (7^*(654-3))^{\wedge}2 - 1$	21516735	P	$(9^8 - 7^*(-(-6-5^{\wedge}4)^*3)) / - (-2^*1)$
20766322	G	$9^*8 + (7^*(654-3))^{\wedge}2 + 1$	21516861	G	$(9^8 + 7^*(6-5^{\wedge}4)^*3) / (2^*1)$
20793503	G	$-98 + (76^*5^*4^*3)^{\wedge}2 + 1$	21517725	G	$(9^8 - (7+6^*5^{\wedge}4)^*3) / (2^*1)$
20793527	G	$-9^*8 + (76^*5^*4^*3)^{\wedge}2 - 1$	21517746	G	$(9^8 - (-7-6^*5^{\wedge}4)^*3) / (2^*1)$
20857309	P	$-(9^8 + 7 - ((6 - (5^*4)^{\wedge}3)^{\wedge}2)) + 1$	21518622	P	$(9^8 + (7+6)^* - (5+4)^{\wedge}3) / (2^*1)$
20857323	P	$-(9^8 - (7 + (6 - (5^*4)^{\wedge}3)^{\wedge}2)) + 1$	21519354	P	$(-9^8 + 7 + 6 - (5^*4)^{\wedge}3) / - (2^*1)$
20873206	G	$-9 - 8^{\wedge}7^* - (-6 - (5/4)^{\wedge}3 - 2) - 1$	21519360	P	$(-9^8 + 7 - 6 + (5^*4)^{\wedge}3) / - (2^*1)$
20952071	G	$-9 + (8^{\wedge}7 - 6^{\wedge}5/4)^*(3^{\wedge}2 + 1)$	21519759	G	$(9^8 - (7 / (-6+5))^{\wedge}4^*3) / (2^*1)$
20953202	P	$-(9^8 + 76) + (5^*4)^{\wedge}(3^*2) - 1$	21519831	G	$(9^8 - (7+6)^*543) / (2^*1)$
20953267	P	$-(9^8 + 7+6) + (5^*4)^{\wedge}(3^*2) + 1$	21520434	G	$(9^8 - (7+6^5/4)^*3) / (2^*1)$
20953293	P	$-(9^8 - (7+6)) + (5^*4)^{\wedge}(3^*2) + 1$	21520455	G	$(9^8 + (7-6^5/4)^*3) / (2^*1)$
20966415	G	$(9^8 - ((7+6)^{\wedge}5+4)^*3) / (2^*1)$	21520683	G	$(9^8 - 765^*(4+3)) / (2^*1)$
20966427	G	$(9^8 - ((7+6)^{\wedge}5-4)^*3) / (2^*1)$	21520788	G	$(9^8 - 7^*(6 + (5+4)^{\wedge}3)) / (2^*1)$
20971210	G	$-9 + (8^{\wedge}7 - 6^*5)^*(4+3^*2) - 1$	21520809	G	$(9^8 - 7^*(6/54)^{\wedge}-3) / (2^*1)$
20971810	G	$-9 + (8^{\wedge}7 + 6^*5)^*(4+3^*2) - 1$	21520830	G	$(9^8 + 7^*(6 - (5+4)^{\wedge}3)) / (2^*1)$
20971987	G	$-9 + (8^{\wedge}7^*6^5+4)^*(32-1)$	21521061	G	$(9^8 - 7^*(65+4)^*3) / (2^*1)$
20982939	P	$(-9 - 87^*(6^5+4))^* - (32-1)$	21521082	G	$(9^8 - 7^*(654-3)) / (2^*1)$
20990951	G	$-9 + (8^{\wedge}7 + 6^{\wedge}5/4)^*(3^{\wedge}2 + 1)$	21521439	G	$(9^8 - 7^*(6+543)) / (2^*1)$
21013066	G	$9 + ((8+76^*5^*4)^*3)^{\wedge}2 + 1$	21521481	G	$(9^8 + 7^*(6-543)) / (2^*1)$
21024566	G	$-9 - ((8 - (76-5)^*4)^{\wedge}3 + 2 - 1)$	21521619	G	$(9^8 - (76+5)^*4^*3) / (2^*1)$
21049309	P	$-(9^8 + 7 - ((6 + (5^*4)^{\wedge}3)^{\wedge}2)) + 1$	21522207	G	$(9^8 - (765+4)^*3) / (2^*1)$
21049323	P	$-(9^8 - (7 + (6 + (5^*4)^{\wedge}3)^{\wedge}2)) + 1$	21522216	G	$(9^8 - 7^*(6^5+4+3)) / (2^*1)$
21093632	P	$(-9-8)^*7-6^*- (5^{\wedge}4^*3)^{\wedge}2+1$	21522219	G	$(9^8 - (765-4)^*3) / (2^*1)$
21093651	P	$-(98+7)-6^*(-(5^{\wedge}4^*3)^{\wedge}2-1)$	21522237	G	$(9^8 - 7^*(6^5+4-3)) / (2^*1)$
21093720	P	$-(9+8+7)-6^*(-(5^{\wedge}4^*3)^{\wedge}2+1)$	21522309	P	$(9^8 - (-76-5^{\wedge}4)^* - 3) / - (-2^*1)$
21093739	G	$-9 - 8 + 7 + 6^*(5^{\wedge}4^*3)^{\wedge}2 - 1$	21522360	G	$(9^8 - (7^*6+5^{\wedge}4)^*3) / (2^*1)$
21093754	P	$-(- (9+8) + 7) - 6^*(-(5^{\wedge}4^*3)^{\wedge}2 + 1)$	21522369	G	$(9^8 - (7+654)^*3) / (2^*1)$
21093773	P	$-(- (9+8) - 7) - 6^*(-(5^{\wedge}4^*3)^{\wedge}2 - 1)$	21522390	G	$(9^8 + (7-654)^*3) / (2^*1)$
21093798	G	$-9 - (-8^*7 - 6^*(5^{\wedge}4^*3)^{\wedge}2 - 1)$	21522423	G	$(9^8 - ((-7+6)^*5)^{\wedge}4^*3) / (2^*1)$
21093803	P	$-(9-8^*7) - 6^*(-(5^{\wedge}4^*3)^{\wedge}2 - 1)$	21522486	G	$(9^8 + (7^*6-5^{\wedge}4)^*3) / (2^*1)$
21093834	P	$-(9-87) - 6^*(-(5^{\wedge}4^*3)^{\wedge}2 - 1)$	21522537	G	$(9^8 + (76-5^{\wedge}4)^*3) / (2^*1)$
21103599	G	$(9^8 - (7-6^*5)^{\wedge}4^*3) / (2^*1)$	21522636	G	$(9^8 - 7^*(65+4)^*3) / (2^*1)$
21111988	G	$-9 + ((87-6^*5)^{\wedge}4-3)^*2 + 1$	21522672	G	$(9^8 - (7^*65+4)^*3) / (2^*1)$
21150730	G	$-9^*8 + (7^*(654+3))^{\wedge}2 + 1$	21522684	G	$(9^8 - (7^*65-4)^*3) / (2^*1)$
21150783	G	$-9 - 8 + (7^*(654+3))^{\wedge}2 - 1$	21522720	G	$(9^8 - 7^*(65-4)^*3) / (2^*1)$
21176541	G	$9 - (8-7^*6^*5)^*(4+32)^*1$	21522846	G	$(9^8 - 7^{\wedge}(-6+5^{\wedge}4)^*3) / (2^*1)$
21176723	G	$-98 + 7^{\wedge}6^*5^*4^*3^{\wedge}2 + 1$	21522864	G	$(9^8 - (7+6^*5^{\wedge}4)^*3) / (2^*1)$
21176747	G	$-9^*8 + 7^{\wedge}6^*5^*4^*3^{\wedge}2 - 1$	21522909	G	$(9^8 - 7^*(65+4^{\wedge}3)) / (2^*1)$
21176749	G	$-9^*8 + 7^{\wedge}6^*5^*4^*3^{\wedge}2 + 1$	21522912	G	$(9^8 - (7+6)^*(5+4^{\wedge}3)) / (2^*1)$
21176818	G	$-9 + 8 + 7^{\wedge}6^*5^*4^*3^{\wedge}2 - 1$	21522930	P	$(9^8 - 7^*(6^5+4+3)) / - (-2^*1)$
21177117	G	$9 + (8 + 7^{\wedge}6^*5)^*(4+32)^*1$	21522951	P	$(9^8 - 7^*(-(6^*5^*-4+3)) / - (-2^*1)$
21233340	G	$9^*(8^{\wedge}(7-6+5)-4)^*3^{\wedge}2^*1$	21522960	G	$(9^8 - (7+65^*4)^*3) / (2^*1)$
21233565	G	$-98 + ((7+65)/4^{\wedge}-3)^{\wedge}2 - 1$	21522981	G	$(9^8 + (7-65^*4)^*3) / (2^*1)$
21233988	G	$9^*(8^{\wedge}(7-6+5)+4)^*3^{\wedge}2^*1$	21522990	G	$(9^8 - (7+6)^*(54+3)) / (2^*1)$
21339403	P	$98^*7^* - (6^*5^*-4-3)+2-1$	21523005	G	$(9^8 - 7 + (-6-5)/4^{\wedge}-3) / (2^*1)$
21339597	G	$98^*(7^*(6^5+4+3)+2) - 1$	21523008	G	$((9^8 - (7+6)^*54) - 3) / (2^*1)$
21346887	G	$(9^8 - 7^{\wedge}6 / ((5-4)/3)) / (2^*1)$	21523011	G	$(9^8 - (7+6)^*54+3) / (2^*1)$
21359700	G	$(9^8 - 7^{\wedge}6^*(5+4)^{\wedge}3) / - (2^*1)$	21523020	G	$(9^8 - 76^*(5+4+3)) / (2^*1)$
21369630	G	$(9^8 - 7^*(6+5)^{\wedge}4^*3) / (2^*1)$	21523029	G	$(9^8 - (7+6)^*(54-3)) / (2^*1)$
21398337	G	$(9^8 - (7/6^*54)^{\wedge}3) / (2^*1)$	21523077	G	$(9^8 - (76+5)^*(4+3)) / (2^*1)$
21414486	G	$(9^8 - 7^*(6^5+4+3)) / (2^*1)$	21523098	G	$(9^8 - 7^*(6+5+4^{\wedge}3)) / (2^*1)$
21414507	G	$(9^8 - 7^*(6^5+4-3)) / (2^*1)$	21523140	G	$(9^8 - 7^*(6+54+3)) / (2^*1)$
21420828	G	$(9-87)^*(-65^{\wedge}(4-3+2)-1)$	21523152	G	$(9^8 - 7^*(6+54)+3) / (2^*1)$
21460536	G	$(9^8 - 7^{\wedge}6 - (5^*4)^{\wedge}3) / (2^*1)$	21523161	G	$(9^8 - 7^*(6+54-3)) / (2^*1)$
21476694	G	$(9^8 - (7+6^*5^{\wedge}4)^*3) / (2^*1)$	21523173	G	$(9^8 - 7^*6^*(5+4)+3) / (2^*1)$
21476715	G	$(9^8 + (7-6^*5^{\wedge}4)^*3) / (2^*1)$	21523185	G	$(9^8 - (7+6)^*(5+4)^*3) / (2^*1)$
21484260	P	$(-9^8 + 76 + 5^{\wedge} - (-4-3)) / - (2^*1)$	21523191	G	$(9^8 + (7^*(6-54)-3)) / (2^*1)$
21495820	G	$(9^8 + 7^*(6+5/4+3)+2)+1$	21523197	G	$((9^8 - (76+5)^*4) - 3) / (2^*1)$
21498150	G	$(9^8 - 7^{\wedge}(6-5+4)^*3) / (2^*1)$	21523203	G	$(9^8 + 7^*(6 - (54-3))) / (2^*1)$
21510225	G	$(9^8 - 7^*(6^5+4+3)) / (2^*1)$	21523239	G	$(9^8 - (7^*(6+5)+4)^*3) / (2^*1)$
21510246	G	$(9^8 - 7^*(6^5+4-3)) / (2^*1)$	21523269	G	$(9^8 + (76-5^{\wedge}4)/3) / (2^*1)$
21511548	G	$(9^8 - 7^*(6+5+4)^{\wedge}3) / (2^*1)$	21523278	G	$(9^8 - (7 - (6-54)^*3) / (2^*1)$
21511680	G	$(9^8 - (7 + (6^5+4))^*3) / (2^*1)$	21523281	G	$(9^8 + (7 - (6+54)^*3) / (2^*1)$
21511692	G	$(9^8 - (7 + 6^{\wedge}5 - 4)^*3) / (2^*1)$	21523440	G	$(9^8 - (7 - (6+54)^*3) / (2^*1)$
21511701	G	$(9^8 + (7 - 6^{\wedge}5 - 4)^*3) / (2^*1)$	21523443	G	$(9^8 + (7 - (6-54)^*3) / (2^*1)$
21511713	G	$(9^8 + (7 - (6^{\wedge}5 - 4))^*3) / (2^*1)$	21523452	G	$(9^8 - (76-5^{\wedge}4)/3) / (2^*1)$

21523482	G	$(9^8 + (7 * (6+5) + 4) * 3) / (2 * 1)$	21536496	P	$(9^8 - 7 * (6 * 5^4 + 3)) / (2 * 1)$
21523518	G	$(9^8 - 7 * (6 - (54 - 3))) / (2 * 1)$	21548571	G	$(9^8 + 7^7 (6 - 5 + 4) * 3) / (2 * 1)$
21523524	G	$(9^8 + (76 + 5) * 4 + 3) / (2 * 1)$	21562461	G	$(9^8 + 76 + 5^4 (4 + 3)) / (2 * 1)$
21523530	G	$(9^8 - 7 * (6 - 54) + 3) / (2 * 1)$	21570006	G	$(9^8 - (7 - 6^5 * 4) * 3) / (2 * 1)$
21523536	G	$(9^8 + (7 + 6) * (5 + 4) * 3) / (2 * 1)$	21570027	G	$(9^8 + (7 + 6^5 * 4) * 3) / (2 * 1)$
21523548	P	$(9^8 - (7 * 6^* - (5 + 4) + 3)) / (2 * 1)$	21586185	G	$(9^8 + 7^7 (6 + 5 * 4) * 3) / (2 * 1)$
21523560	G	$(9^8 + 7 * (6 + 54 - 3)) / (2 * 1)$	21621770	G	$(9 - (8 + 7^7 (-6 + (5 + 4)))^3) / -2 - 1$
21523569	G	$(9^8 + (7 * (6 + 54) - 3)) / (2 * 1)$	21621772	G	$(9 - (8 + 7^7 (-6 + (5 + 4)))^3) / -2 + 1$
21523581	G	$(9^8 - 7 * (6 - (5 + 4^3))) / (2 * 1)$	21621779	G	$(-9 - (8 + 7^7 (-6 - (-5 - 4)))^3) / -2 - 1$
21523623	G	$(9^8 + 7 * (6 + 5 + 4^3)) / (2 * 1)$	21621781	G	$(-9 - (8 + 7^7 (-6 - (-5 - 4)))^3) / -2 + 1$
21523644	G	$(9^8 + (76 + 5) * (4 + 3)) / (2 * 1)$	21627042	G	$-9^8 + (7 * 6 - (-5 * 4) * 3) * 2 - 1$
21523692	G	$(9^8 + (7 + 6) * (5 + 4 - 3)) / (2 * 1)$	21632214	G	$(9^8 + 7 * (6^5 * 4 - 3)) / (2 * 1)$
21523701	G	$(9^8 + (76 * (5 + 4) - 3)) / (2 * 1)$	21632235	G	$(9^8 + 7 * (6^5 * 4 + 3)) / (2 * 1)$
21523710	G	$((9^8 + (7 + 6) * 54) - 3) / (2 * 1)$	21637238	G	$-9 + 87 * (6^5 - 4) * 32 - 1$
21523713	G	$(9^8 + (7 + 6) * 54 + 3) / (2 * 1)$	21647422	G	$9 + 8 * 7^7 (6 * (5 * 4 + 3) - 2) - 1$
21523716	G	$(9^8 + (7 * (6 + 5) * 4^3)) / (2 * 1)$	21647428	G	$9 + 8 * 7^7 (6 * (5 * 4 + 3) + 2) + 1$
21523731	G	$(9^8 + (7 + 6) * (54 + 3)) / (2 * 1)$	21665151	G	$-9 - 8 * (7 * (6 - (-5^4 + 3) * 2) + 1)$
21523740	G	$(9^8 - (7 - 65 * 4) * 3) / (2 * 1)$	21665841	G	$9 - 8 * (7 * (-6 - (-5^4 + 3) * 2) + 1)$
21523761	G	$(9^8 + (7 + 65 * 4) * 3) / (2 * 1)$	21677091	G	$(9^8 + 7 * (6 + 5) * 4^3) / (2 * 1)$
21523770	P	$(9^8 - 7 * (6 * 5^* - 4 + 3)) / - (-2 * 1)$	21699834	G	$(9^8 + 7^6 / ((5 - 4) / 3)) / (2 * 1)$
21523791	P	$(9^8 - 7 * (6 * 5^* 4 + 3)) / - (-2 * 1)$	21781799	G	$-9 * 8 + (7 * 6) * 5 / (4 * 3) * 2 - 1$
21523809	G	$(9^8 + (7 + 6) * (5 + 4^3)) / (2 * 1)$	21781846	G	$-9 + (-8 + (7 * 6) * 5 / (4 * 3)) * 2 - 1$
21523812	G	$(9^8 + 7 * (65 + 4^3)) / (2 * 1)$	21869477	G	$9 * (-8 * 7 + (6 * 5) * 4^3 - 2) - 1$
21523857	G	$(9^8 + (7 + 6 * 54) * 3) / (2 * 1)$	21869756	G	$9 * (8 - (-7 + (6 * 5) * 4) * 3 - 2) - 1$
21523875	G	$(9^8 + 7^7 (-6 + 5 + 4) * 3) / (2 * 1)$	21870242	G	$9 * (8 - (-7 - (6 * 5) * 4) * 3 - 2) - 1$
21524001	G	$(9^8 - 7 * (-65 + 4) * 3) / (2 * 1)$	21870487	G	$-9 * (-8 * 7 + (6 * 5) * 4^* - 3 + 2) + 1$
21524037	G	$(9^8 + (7 * 65 - 4) * 3) / (2 * 1)$	21902392	G	$-9 + (8 * (7 * 6 + 543)) * 2 + 1$
21524049	G	$(9^8 + (7 * 65 + 4) * 3) / (2 * 1)$	21943122	G	$(9^8 + (7 - 6 * 5) * 4^3) / (2 * 1)$
21524085	G	$(9^8 + 7 * (65 + 4) * 3) / (2 * 1)$	21952963	P	$-(-9^8 + 7) - 6 * (5^4 * 3) * 2 - 1$
21524184	G	$(9^8 - (76 - 5^4) * 3) / (2 * 1)$	21952970	P	$-(-9^8 + 7) - 6 * ((5^4 * 3) * 2 - 1)$
21524235	G	$(9^8 - (7 * 6 - 5^4) * 3) / (2 * 1)$	21977336	G	$-9 + (8 * (-7 * 6 + 5^4 + 3)) * 2 + 1$
21524298	G	$(9^8 + ((7 - 6) * 5) * 4^3) / (2 * 1)$	22020023	G	$-9 + ((8^7 - 6) * (5 + (4 + 3 / 2)) - 1)$
21524331	G	$(9^8 - (7 - 654) * 3) / (2 * 1)$	22020151	G	$-9 + (8^7 + 6) * (5 + (4 + 3 / 2)) + 1$
21524352	G	$(9^8 + (7 + 654) * 3) / (2 * 1)$	22071196	G	$-9 + (87 * (-6 - 5 - 43)) * 2 + 1$
21524361	G	$(9^8 + (7 * 6 + 5^4) * 3) / (2 * 1)$	22080294	G	$(9^8 + ((7 + 6) * 5 - 4) * 3) / (2 * 1)$
21524412	P	$(9^8 + (-76 - 5^4) * -3) / - (-2 * 1)$	22080306	G	$(9^8 + ((7 + 6) * 5 + 4) * 3) / (2 * 1)$
21524484	G	$(9^8 + 7 * (6 * 54 - 3)) / (2 * 1)$	22085151	G	$-9 - 8 * (7 * (6 - (5^4 + 3) * 2) + 1)$
21524502	G	$(9^8 + (765 - 4) * 3) / (2 * 1)$	22202838	P	$-(9 + 8^7) + (6 * 5) * (4 + 3 - 2) - 1$
21524505	G	$(9^8 + 7 * (6 * 54 + 3)) / (2 * 1)$	22235562	G	$-9 * (8 - 7^7 (6 + 5 - 4) * 3 + 2) + 1$
21524514	G	$(9^8 + (765 + 4) * 3) / (2 * 1)$	22235580	G	$-9 * (8 - 7^7 (6 + 5 - 4) * 3 + 2 - 1)$
21525102	G	$(9^8 + (76 + 5) * 43) / (2 * 1)$	22235616	G	$-9 * (8 - 7^7 (6 + 5 - 4) * 3 - 2 - 1)$
21525240	G	$(9^8 - 7 * (6 - 543)) / (2 * 1)$	22281475	G	$(-9 + 8^7 (7 - (6 - 5))) * (43 * 2 - 1)$
21525282	G	$(9^8 + 7 * (6 + 543)) / (2 * 1)$	22298894	G	$-9^8 + (-7 * 6) * 5 / (4 - 3 * 2) - 1$
21525639	G	$(9^8 + 7 * (654 - 3)) / (2 * 1)$	22298895	G	$-9^8 + (-7 * 6) * 5 / (4 - 3 * 2) * 1$
21525660	G	$(9^8 + 7 * (654 + 3)) / (2 * 1)$	22298897	G	$-9^8 + ((7 * 6) * 5 + 4) * (3 / 2 - 1)$
21525891	G	$(9^8 - 7 * (6 - (5 + 4) * 3)) / (2 * 1)$	22320547	G	$-9 - 8 - 7 * -6 * ((-5 - 4) * (3 * 2) + 1)$
21525912	G	$(9^8 + 7 * (6 / 54) * -3) / (2 * 1)$	22320563	P	$-(9 - 8) - 7 * 6 * (- (5 + 4) * (3 * 2) - 1)$
21525933	G	$(9^8 + 7 * (6 + (5 + 4) * 3)) / (2 * 1)$	22336674	G	$-9^8 + ((-7 - 6) * (- (5^4 + 3)) * 2 - 1)$
21526038	G	$(9^8 + 765 * (4 + 3)) / (2 * 1)$	22389938	G	$9 * (8^7 - 6) + (5^4 * 3) * 2 - 1$
21526266	G	$(9^8 - (7 - 6^5 / 4) * 3) / (2 * 1)$	22399885	G	$-9 * 8 - 7 * (6 - (5 * 4) * (3 + 2)) - 1$
21526287	G	$(9^8 + (7 + 6^5 / 4) * 3) / (2 * 1)$	22399942	P	$-(9 + 8) - 7 * (6 - (5 * 4) * (3 + 2)) + 1$
21526890	G	$(9^8 + (7 + 6) * 543) / (2 * 1)$	22399952	G	$(9 - 8) - 7 * (6 - (5 * 4) * (3 + 2) + 1)$
21526962	P	$(9^8 + (7 * (6 - 5)) * 4^3) / - (-2 * 1)$	22399968	G	$(9 + 8) - 7 * (6 - (5 * 4) * (3 + 2) + 1)$
21527361	G	$(9^8 + 7 - 6 + (5 * 4) * 3) / (2 * 1)$	22400026	P	$-(9 + 8) + 7 * (6 + (5 * 4) * (3 + 2)) + 1$
21527367	G	$(9^8 + 7 + 6 + (5 * 4) * 3) / (2 * 1)$	22408583	P	$-(9 + 8) + 76 * (543 * 2 + 1)$
21528099	G	$(9^8 + (7 + 6) * (5 + 4) * 3) / (2 * 1)$	22408599	P	$-(9 - 8) + 76 * (543 * 2 + 1)$
21528975	G	$(9^8 + (-7 - 6 * -5^4) * 3) / (2 * 1)$	22587550	G	$-98 + (-7^7 + 6 + 5) / -4^* - 3 * (2 + 1)$
21528996	G	$(9^8 + (7 + 6 * 5^4) * 3) / (2 * 1)$	22587631	P	$-(9 + 8) - (7^7 - 6 - 5) / -4^* - 3 * (2 + 1)$
21529860	G	$(9^8 - 7 * (6 - 5^4) * 3) / (2 * 1)$	22587665	G	$9 + 8 - (7^7 - 6 - 5) / -4^* - 3 * (2 + 1)$
21529986	P	$(9^8 - 7 * (-6 - 5^4) * 3) / - (-2 * 1)$	22589470	G	$-98 - (7^7 + 6 + 5) / -4^* - 3 * (2 + 1)$
21530154	G	$(9^8 + 7 * (6^5 / 4 - 3)) / (2 * 1)$	22589551	P	$-(9 + 8) + (-7^7 - 6 - 5) / -4^* - 3 * (2 + 1)$
21530163	P	$(-9^8 - 7 * 6^5 / 4 + 3) / - (-2 * 1)$	22589783	G	$(9 + 8 * (7^7 + 6 + 5)) * 4 * 3 * 2 - 1$
21530166	G	$(9^8 + 7 * 6^5 / 4 + 3) / (2 * 1)$	22624992	G	$-9 + ((8 + 7) * 6 - 5^4 (4 + 3)) * 2 + 1$
21530175	G	$(9^8 + 7 * (6^5 / 4 + 3)) / (2 * 1)$	22632968	P	$-(9 + 8 - ((7 - 65) * 4 - 3) * 2) - 1$
21535008	G	$(9^8 - (7 - (6^5 - 4) * 3)) / (2 * 1)$	22643584	G	$((98 - 7) * 6^5 - 4) * 32 * 1$
21535020	G	$(9^8 - (7 - 6^5 - 4) * 3) / (2 * 1)$	22667079	P	$-(9 - (8 - 7 * (6 + 5)) * 4 + 32) - 1$
21535029	G	$(9^8 + (7 + 6^5 - 4) * 3) / (2 * 1)$	22667102	P	$-9 + (8 - 7 * (-6 - 5)) * 4 - 3 * 2 - 1$
21535041	G	$(9^8 + (7 + (6^5 + 4) * 3)) / (2 * 1)$	22673142	G	$(9^8 + 7 * (65 + 4) * 3) / (2 * 1)$
21535173	G	$(9^8 + 7 * (6 + 5 + 4) * 3) / (2 * 1)$	22679908	P	$-9 - 8 * 7 * (- (6 * 5) * 4 + 3) / 2 + 1$
21536475	G	$(9^8 + 7 * (6 * 5^4 - 3)) / (2 * 1)$	22680076	G	$-9 - 8 * -7 * ((6 * 5) * 4 + 3) / 2 + 1$

22723813	G	$9*8^7+(654*3)^2+1$	23736376	G	$-9+(8*(7+6-5^4+3))^2+1$
22738350	G	$(9^8+(-7+(6*5)^4)*3)/(2*1)$	23762234	G	$-9-(8-(7+6)^5)*4^3+2+1$
22738371	G	$(9^8-(-7-(6*5)^4)*3)/(2*1)$	23763258	G	$-9+(8+(7+6)^5)/4^3-3+2+1$
22758675	G	$(9^8+7^7(6+5-4)*3)/(2*1)$	23794785	G	$-98+((7-(6+5)^4)/3)^2-1$
22779975	P	$(-(9-((8+7)^6-5^4))-3)*2-1$	23846715	P	$-(-9^8+7)-6*(5^4)^{(3+2)+1}$
22779998	G	$-9+((8+7)^6-5^4+3)*2+1$	23846722	P	$-(-9^8-7)-6*((5^4)^{(3+2)+1})$
22781102	G	$-9+((8+7)^6-5-4^3)*2-1$	23849189	G	$(-98+7)*(65-4^4(3^2*1))$
22781310	G	$-9+((-8-7)^6-5*(-4-3))*2-1$	23887941	G	$(9*8+((7+6)^5)^4)^3-2-1$
22781318	P	$-(9-((8+7)^6-(5-43)))^2+1$	23892453	G	$-9-87*(-65^4(4-(3-2)))-1$
22781347	G	$(9-(8+7)^6-54-3)*2+1$	23941441	G	$-9+(8*(7+6-5^4)+3)^2+1$
22781358	G	$-9+((8+7)^6-5+4^3)*2-1$	23999342	G	$(9+8)*((7^6-5)^4*3-2)*1$
22782475	P	$(-(9-((8+7)^6+5^4))-3)*2-1$	23999410	G	$(9+8)*((7^6-5)^4*3+2)*1$
22782498	G	$-9+((8+7)^6+5^4+3)*2+1$	24000334	G	$((9+8)^7)^6-5)^4*3-2*1$
22920162	G	$-9^8+((-7-6)^5^4+3)^2-1$	24000338	G	$((9+8)^7)^6-5)^4*3+2*1$
22937492	G	$-9+((8+7)^6+5^4(4+3))^2+1$	24000454	G	$((9+8)^7)^6+5)^4*3-2*1$
23019660	G	$-9*(8-(7+6)^5)^*(4^3+2)-1$	24000458	G	$((9+8)^7)^6+5)^4*3+2*1$
23035894	G	$-9-(-8^7*(6+5-4^3)+2)+1$	24001382	G	$(9+8)*((7^6+5)^4*3-2)*1$
23052278	P	$-(9-8^7*(6+5-4^3/2))-1$	24001450	G	$(9+8)*((7^6+5)^4*3+2)*1$
23058952	G	$(98*(7^6-5/4)-3)*2-1$	24059017	G	$-9+((8+7)^*(6^5+4+3))^2+1$
23058953	G	$(98*(7^6-5/4)-3)*2*1$	24117726	G	$9-(8-7^6*5)^*(43-2)*1$
23059001	G	$(98*(7^6-5+4)-3)*2-1$	24118382	G	$9+(8+7^6*5)^*(43-2)*1$
23059066	G	$(98*7^6-5-4^3)*2*1$	24129440	P	$-9-87*6*(-5^4)^2-1$
23059067	G	$(98*7^6-5-4^3)*2+1$	24129963	G	$-9-87*6*((5^4)^2+1)$
23059090	G	$(98*7^6-54-3)*2*1$	24139119	G	$-9-(8-7*((6-5^4)^3)^2-1))$
23059091	G	$(98*7^6-54-3)*2+1$	24172336	G	$-9+8*7*(65+4+3)^2+1$
23059101	G	$(98*7^6-54+3)*2-1$	24285113	G	$-9*8+(7*(-6-5)^4)^3)^2+1$
23059102	G	$(98*7^6-54+3)*2*1$	24299711	G	$(-9+(8+7)^6(6-(5-4)))^3-2-1$
23059108	G	$(98*7^6-5-43)*2*1$	24334602	G	$(9^8+(7+6^5)^4)^3/(2*1)$
23059109	G	$(98*7^6-5-43)*2+1$	24354248	G	$-9-87*(-6^4(-5+4^3)+2)-1$
23059158	G	$(98*7^6-5*4-3)*2*1$	24354250	G	$-9-87*(-6^4(-5+4^3)+2)+1$
23059159	G	$(98*7^6-5*4-3)*2+1$	24354266	G	$9+87*(6^4(-5+4^3)-2)-1$
23059192	G	$(98*7^6-5-4+3)*2*1$	24354288	G	$9+87*(6^4(-5+4^3)-2)+1$
23059208	G	$(98*7^6-5+4+3)*2*1$	24354596	G	$-9+87*(6^4(-5+4^3)+2)-1$
23059209	G	$(98*7^6-5+4+3)*2+1$	24354598	G	$-9+87*(6^4(-5+4^3)+2)+1$
23059218	G	$(98*7^6-5+4^3)*2*1$	24354614	G	$9+87*(6^4(-5+4^3)+2)-1$
23059219	G	$(98*7^6-5+4^3)*2+1$	24354616	G	$9+87*(6^4(-5+4^3)+2)+1$
23059249	G	$(98*7^6+5^4+3)*2-1$	24356782	P	$9*87*(-6^5*4-3)+2-1$
23059250	G	$(98*7^6+5^4+3)*2*1$	24358350	P	$(9^8-7*(-6^5)^4+3))/(2*1)$
23059299	G	$(98*7^6+5+43)*2-1$	24358359	G	$(9^8-(-7/(6^5)^4+3))/(2*1)$
23059300	G	$(98*7^6+5+43)*2*1$	24358362	P	$(9^8-7*(-6^5)^4+3)/(2*1)$
23059306	G	$(98*7^6+54-3)*2*1$	24358371	P	$(9^8-7*(-6^5)^4+3)/(2*1)$
23059307	G	$(98*7^6+54-3)*2+1$	24398357	G	$-9-(8-(7^6+5)^4)^*(3+2)+1$
23059322	G	$(98*7^6-5+4^3)*2*1$	24398437	G	$-9+(8+(7^6+5)^4)^*(3+2)+1$
23059323	G	$(98*7^6-5+4^3)*2+1$	24561928	G	$-9+((8+7)^6*(5-4^3))^2+1$
23059324	G	$(98*7^6+5^4+3)*2*1$	24591673	G	$-9+(87*(-6*(5+4)-3))^2+1$
23059341	G	$(98*7^6+5+4^3)*2-1$	24609228	G	$-98-7*(6-(5^4)^3)^2+1$
23059342	G	$(98*7^6+5+4^3)*2*1$	24609309	G	$-9-8-7*(6-(5^4)^3)^2+1$
23059407	G	$(98*(7^6+5-4)+3)*2+1$	24609325	P	$-(9-8)-7*(6-(5^4)^3)^2+1$
23059455	G	$(98*(7^6+5/4)+3)*2*1$	24609393	P	$-(9+8)-7*(-6-(5^4)^3)^2+1$
23059456	G	$(98*(7^6+5/4)+3)*2+1$	24609409	P	$-(9-8)-7*(-6+(5^4)^3)^2+1$
23067638	G	$-9-8^7*(-6-5)-4^4(3+2)-1$	24609508	G	$98-7*(-6-(5^4)^3)^2+1$
23068232	G	$-9+8^7*(6+5)-43+1$	24658798	G	$-9-8*(7^6-(5^4)^3)^2-1$
23068518	P	$-(9-8^7*(6+5))-(4^3)^2-1$	24681016	G	$-9+(8*(7-6-5^4+3))^2+1$
23068613	G	$98*(7^6+5+43)*2+1$	24760566	G	$-9+(8*((-7+6)^5)^4+3))^2-1$
23068698	G	$-9-8^7*(-6-5)+4+3-1$	24838134	G	$-9+8^7*(6-5^4)^3)^2-1$
23068819	G	$(9+8^7)*(6+5)+(4+3)^2-1$	24840248	G	$-9+(8*(7-6-(5^4+3)))^2+1$
23069686	G	$-9-8^7*(-6-5)+4^4(3+2)-1$	24890113	G	$-9+(8*(7-6-5^4)+3)^2+1$
23072868	P	$(-9-8^7)*(-6+5)+4^4(3^2)+1$	24917814	G	$(9^8-7*(6^5)^4)/3*(2*1)$
23085046	P	$-(9-8^7*(6+5+4^3/2))-1$	24950017	G	$-9+(-8*(7-6-5^4)+3)^2+1$
23101430	G	$-9-(-8^7*(6+5+4^3)+2)+1$	24974344	G	$-9+(8-((7-6)^5)^4)^3)^2+1$
23162872	G	$-9+87*65^4(3^2)+1$	24977714	G	$-9^8+(-7-(-6^5)^4)^3)^2+1$
23184217	G	$-9+((8+7)^*(6^5+4-3))^2+1$	24977719	P	$-9^8+7+(6^5)^4)^3)^2-1$
23190892	G	$-9-(-8^7-6*(5^4)^3)^2-1$	24977728	P	$-9^8+(-(-7-6)^5)^4)^3)^2+1$
23190899	P	$-(9-8^7)-6*(-(5^4)^3)^2-1$	24977742	G	$-9^8-(-7+(-6^5)^4)^3)^2+1$
23339316	P	$(-98+7)^*(6^5-4)^*(3+2)+1$	24990865	G	$-9-(8-7*(6^5/4(3+2)+1))$
23529799	P	$-9-8*(-7^6/(5*(4-3)))^2-1$	25009566	P	$-(9-(8^7*6-5^4(-4-3))^2)+1$
23590441	G	$-9+((8+7)^6*5^4-3)^2+1$	25050017	G	$-9+(8*(7-6+5^4)-3)^2+1$
23604174	G	$-9^8+((-7-6)^*(5^4+3))^2-1$	25067512	G	$-9+8*765^4*(3^2)+1$
23619592	P	$-(9-((-8+6)^5*4^3)^2)+1$	25084119	G	$-9-(8-7*((-6-5^4)^3)^2-1))$
23648761	G	$-9+((8+7)^6*5^4+3)^2+1$	25110113	G	$-9+(8*(7-6+5^4)+3)^2+1$

25159584	G	$(-9-87) * (65-4^{\wedge}(3^{\wedge}2^{\wedge}1))$	26543096	G	$-9+(8*(7-654+3))^{\wedge}2+1$
25160248	G	$-9+(8*(7-6-(5^{\wedge}4+3)))^{\wedge}2+1$	26669818	G	$98*((7*6^{\wedge}5-4)*(3+2)+1)$
25165641	P	$(-((9-8^{\wedge}7)*6-5)-43)^{\wedge}2+1$	26686394	G	$9*8^{\wedge}7+(65*43)^{\wedge}2+1$
25166594	G	$-9+((8^{\wedge}7+65)*4^{\wedge}3-2)+1$	26730159	P	$-9*8+(-7-(6*5)^{\wedge}4)*-(32+1)$
25166616	G	$9-(8^{\wedge}7+65)^{\wedge}4-3+2+1$	26776038	G	$98+(7+65^{\wedge}4*3)/2-1$
25166959	G	$((-9+8^{\wedge}7)^{\wedge}6-5^{\wedge}4+3)^{\wedge}2-1$	26776040	G	$98+(7+65^{\wedge}4*3)/2+1$
25259139	G	$9*(-8^{\wedge}7-6^{\wedge}5)^{\wedge}4/-3+2+1$	26898038	G	$-9+8*(7+6^{\wedge}5)^{\wedge}432-1$
25297628	G	$(9*8+7^{\wedge}6*5)^{\wedge}43-2-1$	26912565	G	$98*(-7+65^{\wedge}(4-3+2))^{\wedge}2+1$
25297630	G	$(9*8+7^{\wedge}6*5)^{\wedge}43-2+1$	26913937	G	$98*(7+65^{\wedge}(4-3+2))^{\wedge}2+1$
25297632	G	$(9*8+7^{\wedge}6*5)^{\wedge}43+2-1$	26946114	P	$-(9-8)-7*(-(654*3)^{\wedge}2-1)$
25297634	G	$(9*8+7^{\wedge}6*5)^{\wedge}43+2+1$	26946132	P	$-(9-8)-7*(-(654*3)^{\wedge}2-1)$
25312605	P	$-9+8-7*(-(-6+5^{\wedge}(4*3-2))+1)$	26962552	G	$-9+(8-(-7*(6*5+4))^{\wedge}3)^{\wedge}2+1$
25312611	G	$-9+8-7*(6-5^{\wedge}(4+3*2))^{\wedge}2-1$	27039992	G	$-9+(8*(7-654-3))^{\wedge}2+1$
25312612	G	$-9+8-7*(6-5^{\wedge}(4+3*2^{\wedge}1))$	27217081	G	$-9+(87*(6+54)-3)^{\wedge}2+1$
25321016	G	$-9+(8*(7-6+5^{\wedge}4+3))^{\wedge}2+1$	27259354	P	$-(9^{\wedge}8+(-7*(6+5))^{\wedge}4+3)^{\wedge}2-1$
25321967	G	$((-9+8^{\wedge}7)*6+5^{\wedge}(4+3))^{\wedge}2+1$	27259366	P	$-(9^{\wedge}8-((7*(6+5))^{\wedge}4+3)^{\wedge}2)-1$
25390566	G	$9*-8+(7+6)*(5^{\wedge}(4+(3+2))+1)$	27290168	G	$-9+(8*(76-(5+4)^{\wedge}3))^{\wedge}2+1$
25390611	P	$-(9-8)+(7+6)*(5^{\wedge}(4+3+2)-1)$	27398640	G	$-9+87*(6^{\wedge}(5+4)/32-1)$
25462108	G	$-9+(87*(65-4-3))^{\wedge}2+1$	27399248	P	$-(9-87*(6+54^{\wedge}3*2))-1$
25493494	G	$-9+8-7*(6+5^{\wedge}4-3)^{\wedge}2-1$	27399770	G	$-9+87*(6+54^{\wedge}3)^{\wedge}2-1$
25509102	P	$-9-8*(7+6*(-(5+4)^{\wedge}(3*2)))-1$	27415688	G	$-9+(8-76*(5+4^{\wedge}3))^{\wedge}2+1$
25530360	P	$(-9-8-7^{\wedge}(-6-(5-4)))^{\wedge}2-(32-1)$	27433039	G	$-98*(7-6^{\wedge}(-5+4*3))^{\wedge}2-1$
25599654	P	$-9-8*(7*6-(5*4)^{\wedge}(-3-2))-1$	27433045	G	$-98*(7-6^{\wedge}(-5+4*3))^{\wedge}2+1$
25599886	G	$-9-8*(7+6-(5*4)^{\wedge}(3+2))-1$	27434417	G	$98*(7+6^{\wedge}(-5-4-3)^{\wedge}2)+2+1$
25599982	P	$-9-8*(7-6+(-5*4)^{\wedge}(-3-2))-1$	27496926	P	$-9+8-7*(6^{\wedge}(5+4)-32)-1$
25600094	G	$-9+8*(7+6+(5*4)^{\wedge}(3+2))-1$	27497088	P	$-(9^{\wedge}8-7*(6^{\wedge}(-5-4)-3^{\wedge}2))^{\wedge}2+1$
25600326	P	$-9-8*(-7*6+(5*4)^{\wedge}(-3-2))-1$	27497108	P	$-9+8-7*(6^{\wedge}(-5-4)-3^{\wedge}2)-1$
25613624	G	$-9+8*(7*(6-(5+4)^{\wedge}3))^{\wedge}2+1$	27497109	P	$-9+8-7*(6^{\wedge}(-5-4)-3^{\wedge}2)^{\wedge}2+1$
25613650	G	$-9+8*(7*(6-(5+4)^{\wedge}3))^{\wedge}2+1$	27497117	G	$-9+8-7*(6^{\wedge}(5+4)+3+2)+1$
25613703	P	$-(9+8)+(7*(6-(5+4)^{\wedge}3))^{\wedge}2-1$	27497127	G	$-9+8-7*(6^{\wedge}(-5+4)+3+2)-1$
25627224	G	$(9^{\wedge}8-(7+6^{\wedge}(5+4))^{\wedge}3)^{\wedge}2*1$	27497130	G	$-9+8-7*(6^{\wedge}(5+4)+3)^{\wedge}2-1$
25627252	G	$(9^{\wedge}8-7-6^{\wedge}(5+4)^{\wedge}3)^{\wedge}2*1$	27497160	P	$-(9^{\wedge}8-7*6^{\wedge}(5+4))^{\wedge}3+2(2*1)$
25627280	G	$(9^{\wedge}8+7-6^{\wedge}(5+4)^{\wedge}3)^{\wedge}2*1$	27497183	P	$-(9^{\wedge}8-7/6^{\wedge}(-5-4))^{\wedge}3+2*1$
25627308	G	$(9^{\wedge}8+(7-6^{\wedge}(5+4))^{\wedge}3)^{\wedge}2*1$	27497184	P	$-(9^{\wedge}8-7/6^{\wedge}(-5-4))^{\wedge}3+2+1$
25651333	G	$-9-87*(6-543^{\wedge}2)+1$	27497192	P	$-9+8-7*(6^{\wedge}(-5-4)+3^{\wedge}2)-1$
25690102	G	$-9+87*(6-5/4)^{\wedge}3-2-1$	27497214	P	$-(9^{\wedge}8-7*(6^{\wedge}(5+4)+3^{\wedge}2))^{\wedge}2+1$
25804808	P	$9-8-7*(-(6*5^{\wedge}4*3)^{\wedge}2-1)$	27497374	G	$-9+8-7*(6^{\wedge}(5+4)-32)-1$
25806392	G	$-9+(8*(7+6+5^{\wedge}4-3))^{\wedge}2+1$	27497375	G	$-9+8-7*(6^{\wedge}(5+4)-32)^{\wedge}2+1$
25917208	G	$-9+(-87+(6*5)^{\wedge}4)^{\wedge}32+1$	27499534	G	$-9+8+(76*(5+4^{\wedge}3))^{\wedge}2-1$
25919495	G	$9*8-7+(6*5)^{\wedge}4*32-1$	27518295	G	$(-98-7)*(65-4^{\wedge}(3^{\wedge}2^{\wedge}1))$
25919512	G	$-9+(-8-7+(6*5)^{\wedge}4)^{\wedge}32+1$	27583496	G	$-9+(8+76*(5+4^{\wedge}3))^{\wedge}2+1$
25919703	G	$-9+8+(-7+(6*5)^{\wedge}4)^{\wedge}32-1$	27587537	G	$9-8*(7-((6-5^{\wedge}4)^{\wedge}3)^{\wedge}2+1)$
25919960	G	$-9+(-8+7+(6*5)^{\wedge}4)^{\wedge}32+1$	27625528	P	$-9+(876*(-(5-4)-3))^{\wedge}2+1$
25920048	P	$-9+(-8*7)+(6*5)^{\wedge}4*32+1$	27647934	G	$-9-8*(7+(6*5^{\wedge}4)^{\wedge}3)^{\wedge}2-1$
25920120	G	$(-9-8)^{\wedge}7+(6*5)^{\wedge}4*32+1$	27787258	G	$-9-8^{\wedge}7*(65/4+3)+2+1$
25920134	G	$-9*(-8-7)+(6*5)^{\wedge}4*32-1$	27869160	G	$-9-8*(7*6^{\wedge}5-4^{\wedge}3+2)+1$
25920503	G	$9*8*7+(6*5)^{\wedge}4*32-1$	27931217	G	$-9+(8*(7+654)-3)^{\wedge}2+1$
26020193	G	$-9+(8*(7+6+5^{\wedge}4)-3)^{\wedge}2+1$	28005317	G	$-9*(-8-(7*6)^{\wedge}(5-(4-3))+2)-1$
26081441	G	$-9+(8*(7+6+5^{\wedge}4)+3)^{\wedge}2+1$	28005319	G	$-9*(-8-(7*6)^{\wedge}(5-(4-3))+2)+1$
26127232	G	$((98+7)*6^{\wedge}5-4)^{\wedge}32*1$	28005353	G	$-9*(-8-((7*6)^{\wedge}(5-(4-3))+2))-1$
26214390	G	$-9-8*7*(6-5^{\wedge}4+3/2)-1$	28005355	G	$-9*(-8-((7*6)^{\wedge}(5-(4-3))+2))+1$
26249320	G	$-9-8*7*6*(-5^{\wedge}(4+3)+2)+1$	28094454	G	$-9+(((87-6-5)^{\wedge}4)^{\wedge}3-2+1)$
26249976	G	$-9-8*(7*6-5^{\wedge}(4+3)+2)+1$	28104790	P	$-9-8*76*(-5^{\wedge}43)^{\wedge}2-1$
26296376	G	$-9+(8*(7+6+5^{\wedge}4+3))^{\wedge}2+1$	28105399	G	$-9-8*76*((5*43)^{\wedge}2+1)$
26297235	G	$-9+8*(7+6*5)^{\wedge}(4+3-2)-1$	28124375	G	$-9-8*(76-(5^{\wedge}4*3)^{\wedge}2+1)$
26316892	G	$-9+((-8-7)*6*(5+3))^{\wedge}2+1$	28125609	G	$9-8*(-76-(5^{\wedge}4*3)^{\wedge}2+1)$
26351071	G	$(9*8-7^{\wedge}(6+5-4))^{\wedge}3-2-1$	28217336	G	$-9+(8*(-7-654-3))^{\wedge}2+1$
26352247	G	$-9-8*(7^{\wedge}6-5)^{\wedge}(4-32^{\wedge}+1)$	28311540	G	$-9-(8-(76*5+4)^{\wedge}3)/2+1$
26353112	G	$-9-(8-7^{\wedge}(6+5-4))^{\wedge}32+1$	28349909	G	$-9-8*7*((6*5)^{\wedge}4*(3-2)-1)$
26372343	P	$-(9+8)+7*((6^{\wedge}5/4-3)^{\wedge}2-1)$	28619368	G	$(9^{\wedge}8-7^{\wedge}6-5^{\wedge}4)/(3/2*1)$
26372359	P	$-(9-8)+7*((6^{\wedge}5/4-3)^{\wedge}2-1)$	28619382	G	$(9^{\wedge}8-7^{\wedge}6+5-4)/(3/2*1)$
26397142	P	$-9+8^{\wedge}7-(-6*5)^{\wedge}(-4-3^{\wedge}2)-1$	28640046	G	$9*(8^{\wedge}7+6)+5^{\wedge}(4+3^{\wedge}2)-1$
26453859	G	$-9+(8+76)^{\wedge}(54^{\wedge}3*2-1)$	28643328	G	$(9*87-6^{\wedge}5)^{\wedge}4-4^{\wedge}(3^{\wedge}2)^{\wedge}2+1$
26470674	G	$9-(8-7^{\wedge}6*5)^{\wedge}(43+2)^{\wedge}2+1$	28661128	P	$-(9^{\wedge}8-7)-6^{\wedge}5*(43^{\wedge}2+1)$
26470928	G	$-98+(7*(6+(5+4)^{\wedge}3))^{\wedge}2+1$	28667537	P	$9-8*(-7+((-6-5^{\wedge}4)^{\wedge}3)^{\wedge}2-1)$
26471007	P	$-(9+8)+(7*(-6-(5+4)^{\wedge}3))^{\wedge}2-1$	28675954	G	$-9+8*(765*(4+3))^{\wedge}2+1$
26471015	G	$-9+((8+7)*(-6-(5-4)^{\wedge}3))^{\wedge}2-1$	28676007	G	$-9-8+(765*(4+3))^{\wedge}2-1$
26471394	G	$9+(8+7^{\wedge}6*5)^{\wedge}(43+2)^{\wedge}2+1$	28688742	G	$(9^{\wedge}8-7*6^{\wedge}5/4)/(3/2*1)$
26535639	P	$-(9+8)+7*((6^{\wedge}5/4+3)^{\wedge}2-1)$	28697346	G	$(9^{\wedge}8-(7+6)^{\wedge}54)/(3/2*1)$
26535655	P	$-(9-8)+7*((6^{\wedge}5/4+3)^{\wedge}2-1)$	28697358	G	$(9^{\wedge}8-76*(5+4))/3*(2*1)$

28697398	G	$(9^8+7-6-5^4)/(3/2^*1)$	30408729	G	$(9+8^7*(6+5/4)+3)^*2+1$
28697406	G	$(9^8+7+6-5^4)/(3/2^*1)$	30442869	G	$-9^*(87^*-6^5+4)^*(3+2)-1)$
28697492	G	$(9^8-7^*(65+4))/(3/2^*1)$	30483907	G	$-9^8+(7^6*5^4+3)^*(2-1)$
28697508	G	$(9^8-(7^*65+4))/3^*(2^*1)$	30483936	P	$-(9^8)+7^6/5^4-4+32^*1$
28697534	G	$(9^8-7^*(6+54))/(3/2^*1)$	30483937	P	$-(9^8)+7^6/5^4-4+32+1$
28697562	P	$(9^8-7^*6^*(5+4))/(-3/2^*1)$	30680511	G	$-9+(87^*(65-4/3))^2-1$
28697590	G	$(9^8+7^*(6-54))/(3/2^*1)$	30680529	G	$9+(87^*(65-4/3))^2-1$
28697598	G	$(9^8-(7+5)^4)/(3/2^*1)$	30780294	G	$-9+(876^*(5+4/3))^2-1$
28697622	G	$(9^8-(7+65)^4)/(3/2^*1)$	30780312	G	$9+(876^*(5+4/3))^2-1$
28697744	G	$(9^8-7^*((6+5)+4))/(3/2^*1)$	30859375	G	$(9^8+7)^*(6-5+4)^{(3^2-1)}$
28697750	G	$(9^8-76-5^4)/(3/2^*1)$	30957688	G	$-9+(-8^7+(65^4)^3)^*2+1$
28697764	G	$(9^8-(76+5)^4)/(3/2^*1)$	31206201	P	$(9^8-(7^*(6+5))^4)^3/(-2^*1)$
28697864	G	$(9^8+76-5+4)/(3/2^*1)$	31255220	P	$-9^8-7^*(-(6^*543)^2+1)$
28697884	G	$(9^8+7^*((6+5)+4))/(3/2^*1)$	31352897	G	$9-8^7*(-6^(-5-4^*-3))^*2-1)$
28698006	G	$(9^8+(7+65)^4)/(3/2^*1)$	31363072	G	$((-9-8)^*7+6^5)^4*(3^2^*1)$
28698030	G	$(9^8-(76+5)^4)/(3/2^*1)$	31371111	P	$-9(-((8+76+5)^4-3)/2)+1$
28698066	G	$(9^8+7^*6^*(5+4))/(3/2^*1)$	31371112	G	$-9+((8+76+5)^4+3)/2-1$
28698094	G	$(9^8+7^*(6+54))/(3/2^*1)$	31371191	G	$-9+(((8-(7-6))^5-4)/3)^2-1$
28698136	G	$(9^8+7^*(65+4))/(3/2^*1)$	31374250	G	$(9+(8-(7+6)^{(-5+4^*3)}))/-2^*1$
28698222	G	$(-9^8+7+6-5^4)/-3^*(2^*1)$	31374267	G	$(9+8+(7+6)^{(-5+4^*3)})/(2^*1)$
28698230	G	$(-9^8+7-(6+5^4))/(-3/2^*1)$	31457068	G	$((-9+8^7-6)^*5+4)^3+2-1$
28698270	G	$(9^8+76^*(5+4))/(3/2^*1)$	31457192	G	$-9+((8^7-6)^*5+4)^3-2+1$
28698282	G	$(9^8+(7+6)^*54)/(3/2^*1)$	31457348	G	$-9+((8^7+6)^*5-4)^3-2+1$
28706886	G	$(9^8+7^*6^5/4)/(3/2^*1)$	31457423	G	$(9+8^7)^*(6+5)^4+3^2-1$
28729592	P	$-9+(8^*(-(7^*6-5^4)+3))^2+1$	31505759	G	$-9+(8^*(7+6)^*54-3)^2-1$
28776246	G	$(9^8+7^6-5+4)/(3/2^*1)$	31542744	G	$-9^8-7^6*(-5^4-3^2)-1$
28776260	G	$(9^8+7^6+5^4)/(3/2^*1)$	31573151	G	$-9+(8^*(7+6)^*54+3)^2-1$
28842882	G	$(9^8+(7^6+5)^4)^3/(2^*1)$	31621111	G	$-9+(8^7-6^5)^*-4^*(3^2^*1)$
29040640	G	$(9^8*7-6^5)^*-4^*(3^2)^*1$	31674374	P	$-9(-((-8-7+6)^5+4-3)^2)-1$
29218094	G	$-9-8+(7^*(6+5)^4)^3-2+1$	31765590	G	$(9^8+7^6*54)^*(3+2)^*1$
29278028	G	$-9-(8-(7^6+5)^4)^*3^2-1$	31821824	G	$9-8+(-7+6^5)/4^*(3^*-2)-1$
29278060	G	$-9-(8-(7^*6+5)^4)^3^2-1$	31825919	G	$(-9+8+7-6^5)^*-4^*(3^2)-1$
29296971	G	$-9+(8+7)^*(6+5^4(4+3+2)+1)$	31838616	G	$-9+(-8-(-7-6^5))^*(4^*(3^2)-1)$
29360010	G	$(9-8^7)^*(6-5^4)+3^2-1$	31842711	G	$-9+(-8+7)^*-6^5*(4^*(3^2)-1)$
29360088	G	$-9-8^7*(6-5^4)-32+1$	31849288	P	$-((-9^8-7)-6^5(5+4)^*(3^2-2+1))$
29360095	G	$(-9+(8^7-6+5)^*(4+3))^*2-1$	31850377	G	$(-9-8)^*7-6^5*-4^*(3^2)^*1$
29360126	G	$-9-8^7*(6-5^4)+3^2+1$	31850483	G	$-98/7+6^5*4^*(3^2)+1$
29403091	P	$-(9+8)+76^*((-5^4+3)^2-1)$	31854583	G	$-9+(8-7+6^5)^*4^*(3^2^*1)$
29403107	P	$-(9-8)+76^*((-5^4+3)^2-1)$	31858193	P	$-9^*(8+7)-6^5*(-4^*(3^2)-1)$
29425062	G	$-9-8-7^6*(-5^4+3^2)-1$	31858248	P	$-(9+8+7)-6^5*(-4^*(3^2)-1)$
29482662	G	$-9^8+(7+6^5)^4+3^2+1$	31858278	P	$-(9-(8+7))-6^5*(-4^*(3^2)-1)$
29488933	G	$9^8+7+(6^*543)^2+1$	31858280	G	$9-8+7-6^5*(-4^*(3^2)-1)$
29550106	P	$-((-9-((8-7^6*5^4)^3)^2)+1)$	31858282	P	$-((-9-8+7)-6^5*(-4^*(3^2)-1))$
29680696	G	$-9+(8^*(76^*(5+4)-3))^2+1$	31858337	G	$9-(-8^7-6^5)^*(4^*(3^2)+1)$
29760350	G	$-9-8^7*(6-(5+4)^{(3^2)}-1)$	31862360	G	$-9+(-8-(-7+6^5))^*(-4^*(3^2)-1)$
29760359	G	$-9-8^*(7^*(6-(5+4)^{(3^2)}-1))$	31879070	G	$-98+(-7-6^5)^*-4^*(3^2)^*1$
29761040	G	$9-8^7*(-6-(5+4)^{(3^2)}-1)$	31879096	G	$-9^8+(7+6^5)^4*(3^2^*1)$
29761049	G	$-9-8^*(7^*(-6-(5+4)^{(3^2)}-1))$	31879167	G	$-9+8+(7+6^5)/4^*(3^2-2^*1)$
29811503	G	$-98+(7^*65^4)^3+2+1$	31883263	G	$(-9+8-(7+6^5))^*-4^*(3^2)-1$
29811527	G	$-9^8+(7^*65^4)^3+2-1$	31891455	G	$(-9-8+7-6^5)^*-4^*(3^2)-1$
29973091	P	$-(9+8)+76^*((5^4+3)^2-1)$	31911928	P	$-9+(-8-7-6^5)/4^*(3^2-2)+1$
29973107	P	$-(9-8)+76^*((5^4+3)^2-1)$	31948799	G	$(-9-8-(7+6^5))^*-4^*(3^2)-1$
29986527	P	$-9-8^*((-7^6+5)^4+3)^*2-1$	31981560	G	$-9+8^7*((65/4-3)+2)+1$
30000289	G	$(9+8)^*(7^6*5-4)^3-2^*1$	32206839	G	$-9+(-87-6^5)^*-4^*(3^2)^*1$
30000293	G	$(9+8)^*(7^6*5-4)^3+2^*1$	32388562	G	$-9+(8-(7-65^4)^3)^*2+1$
30000697	G	$(9+8)^*(7^6*5+4)^3-2^*1$	32432165	P	$-((-9^8-7)-(6^*543))^2+1$
30000701	G	$(9+8)^*(7^6*5+4)^3+2^*1$	32477814	P	$(9^8-7^*(-6^5)^4)/3^*(2^*1)$
30074266	G	$9+((8+7^6*5^4)^3)^2+1$	32505846	G	$-9-8^7*(6-5^4-3/2)-1$
30107161	G	$-9+((87+6)^*(5-4^3))^2+1$	32535615	G	$(9^8-76^(-5+4+3))^2-1$
30116576	G	$(-9-8^*(-7^6+5))^4+3/2^*1$	32535617	G	$(9^8-76^(-5+4+3))^2+1$
30117975	G	$-9+(8^7+6-5)/(4^3-3^*(2^*1))$	32672702	G	$-98+(7^6)^5/4-3^2+1$
30117993	G	$9+(8^7+6-5)/(4^3-3^*(2^*1))$	32672720	G	$-98+(7^6)^5/4+3^2+1$
30119415	G	$-9+8^*(7^6+5)/(4^3-3^*(2^*1))$	32672898	G	$98+(7^6)^5/4-3^2+1$
30119433	G	$9+8^*(7^6+5)/(4^3-3^*(2^*1))$	32941710	G	$-9+8^7*(6+5-4)^*(3+2)-1$
30215059	G	$(9^8+7^6)/(5/(4+3)^*(2^*1))$	32941713	G	$-9+8^7*6^5*(4+3)+2^*1$
30233339	G	$-9+(87+6^5(5+4))^3-2+1$	32941745	G	$9+8^*(7^6*5^*(4+3)+2)^*1$
30234601	G	$(9^8*-7-6^5(5+4))^*-3+2-1$	32970556	G	$-9+(87^*(6-5^*-4^3))^2+1$
30234603	G	$(9^8*-7-6^5(5+4))^*-3+2+1$	33030134	G	$-9-8^7*(65/4-32)-1$
30340623	G	$9^8-(7^6*5+3)^*2^*1$	33202394	G	$(-9-8)^*(7^6-5^4(4+3+2)+1)$
30340635	G	$9^8-(7^6*5+3)^*2^*1$	33304431	G	$-9+(87^*(65+4/3))^2-1$

33304449	G	$9+(87*(65+4/3))^2-1$	36578294	G	$-9+(8*7*(65+43))^2-1$
33311249	G	$987*6*5^4*3^2-1$	36639894	G	$(9^8-(7-6^4(5+4))^3)/(2*1)$
33480756	G	$9^8*7*6/54-3^2(2+1)$	36639915	G	$(9^8+(7+6^4(5+4))^3)/(2*1)$
33480810	G	$9^8*7*6/54+3^2(2+1)$	36687661	G	$-9^8+7*((6+5+4)^(3*2)+1)$
33515778	G	$-9^8+(7*6*5^4/3)^2-1$	36700150	P	$-(9-8*7*(6+(5^4+3)/2))-1$
33554527	G	$9+(8^4(7+6-5)+43)*(2*1)$	36765243	G	$-9*8+(7^6*5^4+3)/2+1$
33570782	G	$(9^8*7+(6*5)^4)*3^2-2-1$	36765275	G	$(9*8-7^6/5^4-4+3)/-2*1$
33570784	G	$(9^8*7+(6*5)^4)*3^2-2+1$	36765278	G	$(9*8-7^6/5^4-4+3)/2*1$
33572637	G	$-9^8*((76/54/3)^2-1)$	36765305	G	$-9-(-8-(7^6/5^4-4-3))/2-1$
33593608	G	$-9+((8+76)*(5+4^3))^2+1$	36765307	G	$-9-(-8-(7^6/5^4-4-3))/2+1$
33658376	P	$-(9+87*(6-(5^4-3)^2))-1$	36765318	G	$9+(-8-7^6*5^4+3)/2-1$
33658986	G	$-9+87*((6-(5^4+3))^2+1)$	36765320	G	$9+(-8-7^6*5^4+3)/2+1$
33659420	G	$-9+87*(6+(5^4-3)^2)-1$	36765348	G	$(9*8-7^6/5^4-4-3)/2+1$
33674799	G	$-9+(8+(7-6^5/4)*3)^2-2-1$	36765349	G	$(9*8-7^6/5^4-4+3)/2-1$
33767705	P	$-(9+8)+((7-6^5/4)*3)^2+1$	36767802	G	$-9-((-8-7^6)/5^4-4+3)/(2*1)$
33860751	G	$-9+(8-(7-6^5/4)*3)^2-1$	36767805	G	$-9+((-8-7^6)/5^4-4-3)/(-2*1)$
33882651	G	$9*((8*7^6-5)^4-3^2(2*1))$	36767820	G	$9-((-8-7^6)/5^4-4+3)/(2*1)$
33882813	G	$9*((8*7^6-5)^4+3^2(2*1))$	36767823	G	$9+((-8-7^6)*5^4-4-3)/(-2*1)$
33883173	G	$9*((8*7^6+5)^4+3^2(2*1))$	36772088	G	$-9+(8*(765-4-3))^2+1$
34011240	G	$-987+(6^5*4)^3+2+1$	36795936	P	$((-98-7^6)/5^4-4+3)/(-2*1)$
34012120	G	$-98-7+(6^5*4)^3+2-1$	36795939	G	$((-98-7^6)/5^4-4+3)/(2*1)$
34012122	G	$-98-7+(6^5*4)^3+2+1$	36939265	G	$-9-(8-7^6)*5^4+3)/(2*1)$
34088776	P	$-(-9^8-7)-6^4(5+4)*(-3^2-2+1)$	36939283	G	$9-(8-7^6)*5^4+3)/(2*1)$
34164015	G	$-9+(8-(7+6^5/4)*3)^2-1$	36941472	G	$(-9+8+7^6)*5^4+3)/(2*1)$
34171805	G	$-9+((8+7)^6-5^4)*3^2-2+1$	36944307	P	$9+(-8-7^6)*5^4+3)/(-2*1)$
34171838	G	$-9+((8+7)^6-(5+4))^3-2+1$	36947124	G	$(9+(8+7^6))^5^4+3)/(2*1)$
34171862	G	$-9+((8+7)^6-(5-4))^3-2+1$	36964394	G	$(9*8+7^6)*5^4+3)/(2*1)$
34171925	G	$-9+((8+7)^6+5^4)*3^2-2+1$	36966390	G	$-9+(((8+7)^6+5^4)^4)^2-1$
34217865	G	$-9+876*(5^4(4+3)/2-1)$	36972558	P	$(-98-7^6)*5^4+3)/(-2*1)$
34218742	G	$-9+876*5^4(4+3)/2+1$	37043903	G	$-98+(7*(6+54))^3/2+1$
34257593	G	$-9-(8-((-7-6^5/4)*3)^2-1)$	37340328	P	$-9-(8+(7^6)^5/(-4+3))^2+1$
34351311	G	$-9+(8+(7+6^5/4)*3)^2-1$	37356536	G	$-9+(8*(765-4+3))^2+1$
34426385	G	$9*(8^7+(6*5^4)^3+2)-1$	37517218	G	$9^8-7^6*(5+43-2+1)$
34587324	G	$(98*(7^6-5)-4)^3(2-1)$	37552376	P	$-9+(8*(-(-765-4)-3))^2+1$
34588644	G	$(98*7^6-54)^3(2-1)$	37559512	G	$-9-8+(7*(65+4))^3/(2+1)$
34588776	G	$(98*7^6-5-4)^3(2-1)$	37559528	G	$9*((8+7)^6*(6+5)-4)^3(2+1)$
34588834	G	$(98*7^6+5+4)^3+2-1$	37574854	P	$-(-9^8-7)-6^4(5+4)*(-3^2+1)$
34588867	G	$(98*7^6+5^4)^3+2-1$	37574903	G	$-9^8-(-7-6^4(5+4))^3(2-1)$
34588868	G	$(98*7^6+5^4)^3+2*1$	37645114	G	$-9+(-8+7^6)*5^4+3+2+1$
34588968	G	$(98*7^6+54)^3(2-1)$	37646657	G	$(98/7)^6*5^4-4^3(3+2)+1$
34588969	G	$(98*7^6+54)^3+2-1$	37648705	G	$(98/7)^6*5^4+4^3(3+2)+1$
34590288	G	$(98*(7^6+5)+4)^3(2-1)$	37649528	G	$(98/7)^6*5^4+4^3(2-1)$
34597923	G	$((9+8)*(7^4(-6+(5+4))+3))^2-1$	37650234	G	$-9+(-8-7^6)*5^4/4^3-3+2+1$
34597925	G	$((9+8)*(7^4(-6+(5+4))+3))^2+1$	37660492	G	$-9^8+7^6(6/5+4+3)^2-1$
34677505	G	$9*-8^7+65^4*3^2-2*1$	37748567	P	$-(-9+(8^7*6+54)^3)*2+1$
34677509	G	$9*-8^7+65^4*3^2+2*1$	37749043	G	$9*(8^7+6+5^4*3)^2+1$
34809999	G	$((-9-876)*5^4/3)^2-1$	37751067	G	$9*(8^7+(65+4^3))^2+1$
34810001	G	$((-9-876)*5^4/3)^2+1$	37752480	G	$9^8-(7^6*5^4+3)^3(2*1)$
34946714	P	$-(-9^8+7)+(6*5)^4*(-3^2-1)$	37752552	G	$9^8-(7^6*5^4-3)^3(2*1)$
35151495	G	$9^8*7+(65^4)^3(2-1)$	37810193	G	$-9+(8*(765+4)-3)^2+1$
35151962	G	$-9-(8+7-(65^4)^3)^2+1$	37859763	P	$(-9^8+(7^6-6)^5/4+3)/(-2*1)$
35151977	G	$-9-(8+7-(65^4)^3)^2+1$	37859766	G	$(9^8+(7^6*6^5/4+3)/(2*1)$
35152134	G	$9*(8+7)-(65^4)^3(2-1)$	37933042	G	$-9-8-(7*(6-54))^3+2+1$
35152933	G	$-98+(7*(-6-5))^4(3^2-1)$	37966899	G	$9^8/7/(6^5*4-3)^2-2+1$
35152991	G	$-9-(8-(7*(6+5))^4+32)-1$	38003202	G	$-9+(-8-7^6)*(-54*3^2+1)$
35205899	G	$(98-7)*(-6+(5^4-3)^2)+1$	38068334	G	$-9+(8+(7+65^4)^3)^2+1$
35234704	P	$-(-9^8-7)-(65^4)^3(2+1)$	38112502	G	$-9-(8*(7-(6+54)))^3(2-1)$
35287544	P	$-(-9+(8+7*(6-54))^3(2-1)$	38118080	P	$-(-98-7^6*5^4*3)^2(2*1)$
35546875	G	$(98-7)^3(6-(5-4))^3(2-1)$	38118203	P	$-9*(8+7^6*(5+4-3)^2)-1$
35701204	P	$-(-9-(8-(7-65^4)-3)^3)^2-1$	38118242	P	$-(-9+8-7^6*5^4*3)^2(2*1)$
35701212	P	$-(-9+8+(7-65^4+3)^3)^2-1$	38118259	P	$-9-8-7^6*(54/3)^2(2*1)$
35701218	G	$-9-(8+7-65^4-3)^3(2+1)$	38118269	G	$9-(8-7^6*5^4*3)^2(2*1)$
35765321	G	$9-8*(7^6*(5-43)-2*1)$	38118294	G	$9+8+7^6*5^4*3^2+1$
35995640	G	$-9+((-8-76)^5+4)^3/2+1$	38118301	G	$9+(8+7^6*5^4*3)^2(2*1)$
35999992	G	$-9+(87*(65+4)-3)^2+1$	38118310	G	$(9+8+7^6*5^4*3)^2(2*1)$
36137978	G	$-9-((8-76)*(5+4)^3(2+1))$	38118472	G	$(98+7^6*5^4*3)^2(2*1)$
36175864	G	$-9+(8^7*(6+5/4*3^2)+1)$	38142968	G	$-9+(8*(-765-4-3))^2+1$
36188448	G	$-9^8-76^5*4^3(2+1)$	38494178	G	$-9^8+(7^6*5^4)^2-1$
36386330	G	$-98*((-7-6)^5+4)^3(2-1)$	38564090	G	$-9+((-8-7)^6*(5+4^3))^2-1$
36524536	G	$-9+(8^7+6^4(5+4))^3(2-1)$	38879934	G	$-9-8*(7+(6*5)^4*3^2)-1$

38937590	G	$-9+(8*(-7-6)*5*4*3)^2-1$	40693733	G	$9^8-7^6*5*4-3^2+1$
38974231	G	$-98-(7-(6+5)^(4+3))^2+1$	40693749	G	$9^8-7^6*5^4+3^2-1$
38974259	G	$-98+(7+(6+5)^(4+3))^2+1$	40693751	G	$9^8-7^6*5^4+3^2+1$
38974283	G	$-9^8+(7+(6+5)^(4+3))^2-1$	40693768	G	$9^8-7^6*5^4+3^2(2+1)$
38974312	P	$-(9+8)-(7-(6+5)^(4+3))^2+1$	40725304	G	$-9+(((8+7)^6+5)^(4+3))/2-1$
38974508	G	$-9+(87+(6+5)^(4+3))^2+1$	40725404	P	$-((-9^8+7)-6*((-5^4+3)^2+1))$
38984529	G	$-9^8-7^6-6*(5^(4+3+2))^1$	40779675	G	$-9+87*6*(5^(4+3)-2-1)$
38984536	G	$-9^8-7^6*(-6*5^(4+3+2))-1$	40780110	G	$-9+87*(6*(5^(4+3)-2)-1)$
39197285	P	$-((-9^8-7)-(654*3))^2+1$	40781763	G	$-9+87*6*(5^(4+3)+2-1)$
39207362	G	$-9+(8-(-7*6)^5)/(4/3+2)-1$	40782198	P	$-9-87*(6*(-5^4-(-4-3)-2)+1)$
39237688	G	$-9+(87*(-65-4-3))^2+1$	40782284	P	$-9-87*6*(-(5^(4+3)+2))-1$
39254464	G	$-9^8+(7/6^5(-5+4-3))^2+1$	41177881	G	$-9+((87+6)*(5+4^3))^2+1$
39281793	G	$9^8-(7^6+5)/(4^4-3*(2^1))$	41225678	G	$-9^8+(765*4*3)^2-1$
39360315	P	$-((-9^8+7)-(6^5*4^3))^2+1$	41277614	P	$-((-9^8+7)-6*(543^2+1))$
39639608	G	$-9+(8*(7-65^4-4^3))^2+1$	41281971	G	$9^8-(7^6*5+4)*3-2-1$
39789571	G	$(-9-8)^6*(-7*(6^5*43-2))-1$	41281973	G	$9^8-(7^6*5+4)*3-2+1$
39789793	G	$(9+8)^7*6^5*43+2-1$	41281975	G	$9^8-(7^6*5+4)*3+2-1$
39789795	G	$(9+8)^7*6^5*43+2+1$	41281997	G	$9^8-(7^6*5-4)*3-2+1$
40000099	G	$(9+8)^7*(7^6*5^4-32-1)$	41418742	G	$-9+8^7*((6+5/4)*3-2)-1$
40000133	G	$(9+8)^7*(7^6*5^4-32+1)$	41473592	G	$-9+(8*(76+(5+4^3))^2+1)$
40000558	G	$(9+8)^7*(7^6*5^4-3-2-1)$	41473880	G	$((9^8)-7+6*(5-(4*(3^2*1))))$
40000592	G	$(9+8)^7*(7^6*5^4-3-2+1)$	41600012	P	$-((9-8)+(7+6)*((5^4)^(3+2)+1))$
40000607	G	$(9+8)^7*(7^6*5^4-3)-2^1$	41600030	G	$(9+8)+(7+6)*((5^4)^(3+2)+1)$
40000611	G	$(9+8)^7*(7^6*5^4-3)+2^1$	41615863	G	$-9-8^7*(6-(5-4^3))^2-1$
40000626	G	$(9+8)^7*(7^6*5^4-3+2-1)$	41634870	G	$9^8-(7^6+5)^4*3-2-1$
40000627	G	$(9+8)^7*(7^6*5^4-32-1)$	41634872	G	$9^8-(7^6+5)^4*3-2+1$
40000629	G	$(9+8)^7*(7^6*5^4-32+1)$	41634874	G	$9^8-(7^6+5)^4*3+2-1$
40000654	G	$(9+8)^7*(7^6*5^4-3-2-1)$	41634876	G	$9^8-(7^6+5)^4*3+2+1$
40000656	G	$(9+8)^7*(7^6*5^4-3-2+1)$	41634990	G	$9^8-(7^6-5)^4*3-2-1$
40000658	G	$(9+8)^7*(7^6*5^4-3+2-1)$	41634992	G	$9^8-(7^6-5)^4*3-2+1$
40000664	G	$(9+8)^7*(7^6*5^4+3+2-1)$	41634994	G	$9^8-(7^6-5)^4*3+2-1$
40000666	G	$(9+8)^7*(7^6*5^4+3+2+1)$	41634996	G	$9^8-(7^6-5)^4*3+2+1$
40000691	G	$(9+8)^7*(7^6*5^4+32-1)$	41660559	P	$-9^8-7^6*5^4-(4*3)^2*1$
40000693	G	$(9+8)^7*(7^6*5^4+32+1)$	41870145	G	$9^8-(7^6*5+43)^2*1$
40000694	G	$(9+8)^7*(7^6*5^4+3-2+1)$	41870317	G	$9^8-(7^6*5-43)^2*1$
40000709	G	$(9+8)^7*(7^6*5^4+3)-2^1$	41894999	G	$98*7^6*5^4*3^2-1$
40000713	G	$(9+8)^7*(7^6*5^4+3)+2^1$	41934760	P	$-((-9^8-7)-6^5*((4*3)^2-1))$
40000728	G	$(9+8)^7*(7^6*5^4+3+2-1)$	41942748	P	$-((-9-8^7)-6)^5*4+3^2-1$
40000762	G	$(9+8)^7*(7^6*5^4+3+2+1)$	41943153	P	$9-8^7-(7+6-5^4-4^4-(-3^2-1))$
40001187	G	$(9+8)^7*(7^6*5^4+32-1)$	41943204	G	$(9+(8^7+6)*5)^4+3^2-1$
40001221	G	$(9+8)^7*(7^6*5^4+32+1)$	41987394	G	$9^8-(7^6+54)^3*2^1$
40122910	G	$-9^8+7^6*(6^5-4)^(3+2)-1$	41987799	G	$9^8-(7^6+5+4)^3*2^1$
40122918	G	$-9^8+7^6*((6+5^4)^(3+2)+1)$	41987871	G	$9^8-(7^6+5-4)^3*2^1$
40302228	P	$-((8^7+6+5)^(4+3))^2+1$	41987889	G	$9^8-(7^6-5+4)^3*2^1$
40302238	G	$-9+((8^7+6+5)^(4+3))^2-1$	41987961	G	$9^8-(7^6-5-4)^3*2^1$
40310364	G	$(-98-7+6^(5+4))^3*(3+2-1)$	41988366	G	$9^8-(7^6-54)^3*2^1$
40310400	G	$(-9-87+6^(5+4))^3*(3+2-1)$	42101917	P	$-((-9^8+7)-6*(54^3+2))-1$
40310688	G	$(-9-(8+7)+6^(5+4))^3*(3+2-1)$	42105483	G	$9^8-((7^6+5)^4+3)^2*1$
40310816	G	$(9-8+7+6^(5+4))^3*(3+2-1)$	42105495	G	$9^8-((7^6+5)^4-3)^2*1$
40335193	G	$-9+(87*(6^5+43))^2+1$	42105563	G	$9^8-((7^6-5)^4+3)^2*1$
40352620	G	$-987+(6+5-4)^(3^2*1)$	42105575	G	$9^8-((7^6-5)^4-3)^2*1$
40353654	G	$-9+8^7+(6+5-4)^(3^2*1)$	42146714	P	$-((-9^8+7)+(6^5)^4*(-3^4-2-1))$
40370170	P	$-((9-8^7*(65/4+3))^2+1)$	42268030	P	$-((-9^8+((-7+6^5)^4)^(3+2))-1)$
40389419	G	$-98+76*(5+4)^(3^2)+1$	42271223	G	$-9-8^7*(6-(5+4^3)^2-1)$
40389423	P	$-((9+8)+76*((5+4)^(3^2)-1))$	42283208	G	$9^8/(765+4/3)^2-1$
40389439	P	$-((9-8)+76*((5+4)^(3^2)-1))$	42326714	P	$-((-9^8+7)+(6^5)^4*(3^4-2-1))$
40469542	G	$9+8*(7^6-5)^4*3-2-1$	42336999	G	$9*(8^7*6^5-43^2)*1$
40469544	G	$9+8*(7^6-5)^4*3-2+1$	42340503	G	$9^8-(7^6+54)^3*2^1$
40469546	G	$9+8*(7^6-5)^4*3+2-1$	42341151	G	$9^8-(7^6-54)^3*2^1$
40471053	G	$9+(8^7*6-5)^4*3+2+1$	42347376	G	$9^8*(7^6*5-43^2-1)$
40471086	G	$(-9-8^7-7^6+5)^4*3+2^1$	42353351	G	$9^8*(7^6*5-4)^(3-2)-1$
40471087	G	$(-9-8^7-7^6+5)^4*3+2+1$	42353353	G	$9^8*(7^6*5-4)^(3-2)+1$
40472982	G	$9+8*(7^6+5)^4*3-2-1$	42353523	G	$9*(8^7*6^5-4-3^2)*1$
40472984	G	$9+8*(7^6+5)^4*3-2+1$	42353757	G	$9*(8^7*6^5+4+3^2)*1$
40472986	G	$9+8*(7^6+5)^4*3+2-1$	42353927	G	$9^8*(7^6*5+4)^(3-2)-1$
40499992	G	$-9+(8+7)^6/(5+4)^3+2+1$	42353929	G	$9^8*(7^6*5+4)^(3-2)+1$
40583205	G	$9*((8^7+(6+54^3))^2+1)$	42359904	G	$9^8*(7^6*5+43^2+1)$
40680404	P	$-((-9^8+7)-6*((5^4+3)^2+1))$	42362784	G	$9^8*(7^6*5+4*3^2-1)$
40693714	G	$9^8-7^6*5^4-3^2(2+1)$	42362928	G	$9^8*(7^6*5+4*3^2+1)$
40693731	G	$9^8-7^6*5^4-3^2-1$	42370281	G	$9*(8^7*6^5+43^2)*1$

42432308	P	$-(-9^8+7)-6*((5^4\wedge 3)^2+1)$	42991250	P	$-(-9^8+7)-6*(5/43^{\wedge-2-1})$
42484101	P	$-9^8+7^{\wedge 6}-(-5+4)^{\wedge 3+2}-1$	42994215	G	$9^8-7*(6^5\wedge 4+3)*2^*1$
42533497	P	$-(-9^8+7)-6^{\wedge 5}*(4^3+2)-1$	42998703	P	$-(-9^8+7)-6*((5^4)^{\wedge 3+2})+1$
42564601	P	$-(-9^8+7)-6^{\wedge 5}-(-4^{\wedge 3+2})-1$	43000482	P	$-(-9^8+7+6)-(5^4\wedge 3)^2-1$
42576099	G	$9^8-(7^{\wedge 6+5})^*4-3-2-1$	43000573	P	$-(-9^8-76)-(5^4\wedge 3)^2+1$
42576101	G	$9^8-(7^{\wedge 6+5})^*4-3-2+1$	43002613	G	$9^8-(7+(6^5*(4+3)))^2-1$
42576139	G	$9^8-(7^{\wedge 6-5})^*4-3-2-1$	43015988	P	$-(-9^8+7)-6*(5^4*(3+2)+1)$
42576141	G	$9^8-(7^{\wedge 6-5})^*4-3-2+1$	43020554	P	$-(-9^8-76)-(54^3)^2+1$
42576147	G	$9^8-(7^{\wedge 6-5})^*4+3-2+1$	43022107	P	$-(-9^8+7)-6*(5+4^{\wedge}(3^*2))-1$
42577953	P	$-(-9^8+7)-6*(5^{\wedge}(4+3)+2)+1$	43022167	P	$-(-9^8+7)-6*(-5-4^{\wedge}(3^*2))-1$
42578124	P	$(-987+6)^*-(5^4/3)^2-1$	43022174	P	$-(-9^8+7)-6*(-5-4^{\wedge}(3^*2))-1$
42719397	G	$-9^8+7^{\wedge 6}*(5+4)^{\wedge 3-2-1}$	43025108	P	$-(-9^8+7)-6*((5^4\wedge 3)^2+1)$
42719399	G	$-9^8+7^{\wedge 6}*(5+4)^{\wedge 3-2+1}$	43026160	P	$-(-9^8+76)-5*(4^{\wedge}(3^*2)+1)$
42731775	G	$9^8-7+(-6-54^3)^*2+1$	43026223	P	$-(-9^8+7+6)-5*(4^{\wedge}(3^*2)+1)$
42769370	P	$-(-9^8+7)-6*((5^4\wedge 3)^2-1)$	43026523	G	$9^8-7-(6+5^4)^*32+1$
42771599	G	$((-987+6)^*5^4/3)^2-1$	43026907	P	$-(-9^8+7)-(-6+5^4)^*32+1$
42771601	G	$((-987+6)^*5^4/3)^2+1$	43027226	P	$-(-9^8+7)+6*(-54+3)^2+1$
42776794	G	$9^8-7-6^{\wedge 5}-4^{\wedge}(3^2\wedge 1)$	43027669	G	$9^8-(7+(6*(5^4+3)))^2-1$
42780409	P	$-(-9^8+7)-65*(4^{\wedge}(3^*2)+1)$	43030465	G	$9^8-((7+6)^*5^4+3)^*2^*1$
42798025	G	$9^8+7-(6^{\wedge 5}-4)^*32+1$	43030477	G	$9^8-((7+6)^*5^4-4-3)^*2^*1$
42810167	G	$9^8-(7^{\wedge 6+5^4+3})^*2^*1$	43030644	P	$-(-9^8+76)-(5^4)^{\wedge 3}2-1$
42810179	G	$9^8-(7^{\wedge 6+5^4-3})^*2^*1$	43030701	G	$9^8-7+(-6+(-5^4)^{\wedge 3})^*2-1$
42810337	G	$9^8-(7^{\wedge 6+543})^*2^*1$	43030725	G	$9^8-7-(-6-(-5^4)^{\wedge 3})^*2-1$
42810967	G	$(9+8)^*7+6543^{\wedge 2-1}$	43031263	G	$9^8+7-(6^{\wedge 5}-43)^*2+1$
42810993	G	$9^8-(7^{\wedge 6+5^4\wedge 3})^*2^*1$	43035439	P	$-(-9^8+7)+(-6-5)^*(4^{\wedge}(3+2)+1)$
42811099	G	$9^8-(7^{\wedge 6+54^3})^*(2^*1)$	43036311	G	$9^8-(7+(6*(5+4^3)))^2+1$
42811285	G	$9^8-(7^{\wedge 6+5+4^3})^*2^*1$	43037419	P	$-(-9^8+7)-65*((4^3)^2-1)$
42811305	G	$9^8-(7^{\wedge 6-5+4^3})^*2^*1$	43037482	G	$((9^8+7)-6)-5*(43^2-1)$
42811309	G	$9^8-(7^{\wedge 6+54+3})^*2^*1$	43039220	G	$9^8-7-(6^5\wedge 4-3)^*2^*1$
42811321	G	$9^8-(7^{\wedge 6+54-3})^*2^*1$	43039222	G	$9^8+7-(6^5\wedge 4+3)^*2^*1$
42811327	G	$9^8-(7^{\wedge 6+543})^*2^*1$	43039234	G	$9^8+7-(6^5\wedge 4-3)^*2^*1$
42811347	G	$9^8-(7^{\wedge 6-5+43})^*2^*1$	43039363	P	$-(-9^8+7)+6*(-5*(4+3))^2-1$
42811377	G	$9^8-(7^{\wedge 6+5^4+3})^*2^*1$	43039393	P	$-(-9^8+7)+((6+5)^{\wedge 4}+3)/-2+1$
42811389	G	$9^8-(7^{\wedge 6+5^4-3})^*2^*1$	43039396	P	$9^8-7+(-6+5)^{\wedge 4}+3/2+1$
42811399	G	$9^8-(7^{\wedge 6+5+4^3})^*2^*1$	43040541	P	$-(-9^8+7)-6*(5+4^{\wedge}(3+2))+1$
42811411	G	$9^8-(7^{\wedge 6+5+4-3})^*2^*1$	43041034	P	$-(-9^8+7)+(-6-5^4)^*3^2-1$
42811415	G	$9^8-(7^{\wedge 6+5-4+3})^*2^*1$	43042639	G	$9^8-(7+6)^*(5^4+3)/(2^*1)$
42811427	G	$9^8-(7^{\wedge 6+5-4-3})^*2^*1$	43042771	P	$-(-9^8+7)-6*(5^4+32)-1$
42811431	G	$9^8-(7^{\wedge 6-5+4-3})^*2^*1$	43042909	P	$-(-9^8+7)-6*(5^4+3^2)-1$
42811435	G	$9^8-(7^{\wedge 6-5-4+3})^*2^*1$	43042935	G	$9^8-7-6*(5^4+3+2)+1$
42811447	G	$9^8-(7^{\wedge 6-5-4-3})^*2^*1$	43045553	G	$9^8+76-(5^4-3)^*2^*1$
42811457	G	$9^8-(7^{\wedge 6-5^4+3})^*2^*1$	43047889	G	$9^8-76+(5^4-3)^*2^*1$
42811469	G	$9^8-(7^{\wedge 6-5^4-3})^*2^*1$	43049704	G	$9^8+7^*6*(5+4^3+2)+1$
42811499	G	$9^8-(7^{\wedge 6+5-43})^*2^*1$	43050422	G	$9^8-(7+(6-5^4)^3)^*2+1$
42811519	G	$9^8-(7^{\wedge 6-5-43})^*2^*1$	43050655	P	$-(-9^8+7)-6*(-5^4+32)-1$
42811525	G	$9^8-(7^{\wedge 6-54+3})^*2^*1$	43050726	G	$9^8+7-(6-(5^4)^{\wedge 3})/2+1$
42811537	G	$9^8-(7^{\wedge 6-54-3})^*2^*1$	43052284	P	$-(-9^8+7)+(-6+5^4)^*3^2-1$
42811541	G	$9^8-(7^{\wedge 6+5-4^3})^*2^*1$	43052392	P	$-(-9^8+7)+(-6-5^4)^*-3^2-1$
42811561	G	$9^8-(7^{\wedge 6-5-4^3})^*2^*1$	43054034	G	$9^8-7+((6+5)^{\wedge 4}-3)/2+1$
42811747	G	$9^8-(7^{\wedge 6-54^3})^*(2^*1)$	43054037	G	$9^8-7+((6+5)^{\wedge 4}+3)/2+1$
42811853	G	$9^8-(7^{\wedge 6-5^4\wedge 3})^*2^*1$	43054208	G	$9^8-7+(6^5\wedge 4-3)^*2^*1$
42812509	G	$9^8-(7^{\wedge 6-543})^*2^*1$	43054220	G	$9^8-7+(6^5\wedge 4+3)^*2^*1$
42812667	G	$9^8-(7^{\wedge 6-5^4+3})^*2^*1$	43054222	G	$9^8+7+(6^5\wedge 4-3)^*2^*1$
42812679	G	$9^8-(7^{\wedge 6-5^4-3})^*2^*1$	43054247	P	$-(-9^8+7)-6^{\wedge 5}*(4^{\wedge}-3^2-1)$
42891195	P	$-(-9^8+7)-6^{\wedge 5}4*(3+2)+1$	43054558	P	$-(-9^8-7)-6^{\wedge 5}*(-4^3)^{\wedge 2-1}$
42899666	G	$9^8-(7^{\wedge 6-5})/(4/(3+2)^*1)$	43055885	P	$-(-9^8+76)-5*(-43^2+1)$
42900304	P	$-(-9^8+7)+(6+5)^{\wedge 4}*(-3^2-1)$	43055958	P	$-(-9^8+7+6)-5*(-43^2-1)$
42917113	P	$-(-9^8+7)-(6^5*4^3)^2-1$	43062195	G	$9^8+7+(6^{\wedge 5}-43)^*2+1$
42922964	G	$9^8-7-6/(5^{\wedge}-4/(32+1))$	43062326	P	$-(-9^8+7)+6*((54-3)^2+1)$
42926464	P	$-(-9^8+7)-65*(43^2+1)$	43062701	G	$9^8-7+(-6-(5^4)^{\wedge 3})^*2-1$
42927816	G	$9^8-7^{\wedge 6}-(5^4+3)^*2^*1$	43062965	G	$9^8+((7+6)^*5^4-3)^*2^*1$
42927828	G	$9^8-7^{\wedge 6}-(5^4-3)^*2^*1$	43062977	G	$9^8+((7+6)^*5^4+3)^*2^*1$
42930316	G	$9^8-7^{\wedge 6}+(5^4-3)^*2^*1$	43065757	G	$9^8-7+(6*(5^4-3))^2-1$
42930328	G	$9^8-7^{\wedge 6}+(5^4+3)^*2^*1$	43066214	P	$-(-9^8+7)+6*((54+3)^2+1)$
42948834	G	$9^8-(7^{\wedge 6+5^{\wedge}(4+3)})/(2^*1)$	43066523	G	$9^8-7+(-6+5^4)^*32+1$
42950715	P	$-(-9^8+7)-6*(5^4)^{\wedge 3}2+1$	43066907	P	$-(-9^8+7)-(-6-5^4)^*32+1$
42952970	P	$-(-9^8+7)-6*(5^{\wedge}(4^3/2)-1)$	43067120	P	$-(-9^8+76)-5*(-4^{\wedge}(3^*2)+1)$
42954697	G	$-9^8+7^{\wedge 6}*((5+4)^{\wedge 3+2})-1$	43067183	P	$-(-9^8+7+6)-5*(-4^{\wedge}(3^*2)+1)$
42967981	P	$-(-9^8+7)+(-6*(5+4))^{\wedge 3}/2-1$	43068308	P	$-(-9^8+7)-6*(-5^4\wedge 3)^2+1$
42976745	P	$-(-9^8-7)-6^{\wedge 5}*(4-(-3-2))+1$	43070715	P	$-(-9^8+7)-6*(5^4-4)^{\wedge 3}/2+1$

43071259	P	$-(-9^8+7)-6*(5-4^*(3^2))-1$	43296934	G	$-9+87*(6^5*4^3+2)+1$
43071266	P	$-(-9^8+7)-6*(5-4^*(3^2))-1$	43301082	G	$9^8-7-6^5+4^*(3^2)^1$
43071319	P	$-(-9^8+7)-6*(5+4^*(3^2))-1$	43312889	P	$-(-9^8+7)-65*(-4^*(3^2)+1)$
43071326	P	$-(-9^8+7)-6*(-(5+4^*(3^2))-1)$	43324070	P	$-(-9^8+7)-6*(-(5^4+3)^2-1)$
43073042	P	$-(-9^8-76)+(54^3)^2+1$	43361629	G	$9^8-7+(-6+54^3)^2-1$
43074362	P	$-(-9^8+7)-6^5*4*(-3^2-2+1)$	43361631	G	$9^8-7+(-6+54^3)^2+1$
43076134	G	$9^8+(7^6-5)/4+3-2+1$	43515453	G	$9^8-7+6*(5^4+3)^2+1$
43079115	P	$-(-9^8+7)+((-6-54)^3)^2+1$	43528825	P	$-(-9^8+7)-6^5*(-4^3+2)-1$
43080216	P	$-(-9^8-7)+((-65+4)^3)^2-1$	43559929	P	$-(-9^8+7)-6^5*(-4^3+2)-1$
43081274	P	$-(-9^8+7)-6^5*4*(3^2-2+1)$	43563726	G	$-9-8+(7^6)^5/(4-(3-2))-1$
43084744	P	$-(-9^8-7)-6^5*(-(4-3^2-2))-1$	43593749	G	$9*(8^7+6)^5*(4+3)^2+1$
43089564	P	$-(-9^8+7)+((-65-4)^3)^2+1$	43634916	G	$9^8+7^6*5-(4+3)^2-1$
43090813	G	$9^8-(7-(6^5*(4+3))^2)-1$	43634918	G	$9^8+7^6*5-(4+3)^2+1$
43092932	P	$-(-9^8+7+6)+(5^4+3)^2-1$	43635014	G	$9^8+7^6*5+(4+3)^2-1$
43093023	P	$-(-9^8-76)+(5^4+3)^2+1$	43635016	G	$9^8+7^6*5+(4+3)^2+1$
43094703	P	$-(-9^8+7)-6*((-5^4)^3+2)+1$	43661108	P	$-(-9^8+7)-6*(-(5^4+3)^2+1)$
43099215	G	$9^8+(7^6*5^4-3)^2*1$	43752291	G	$9^8+(7^6-54)^3*2*1$
43099227	G	$9^8+(7^6*5^4+3)^2*1$	43752939	G	$9^8+(7^6+54)^3*2*1$
43116713	P	$-(-9^8-7)-6^5*(4-(-3-2))+1$	43775714	P	$-(-9^8+7)+(6^5)^4/(3^2-2+1)$
43125445	P	$-(-9^8+7)+(6*(5+4))^3/2-1$	43824399	G	$((-987-6)^5*4/3)^2-1$
43127714	G	$9^8-7-(6^5)^4/(-3^2-1)$	43824401	G	$((-987-6)^5*4/3)^2+1$
43131895	G	$9^8-(7-((6+5)^4)^3+2)-1$	43856716	G	$9^8-7+(6^5)^4+3-2+1$
43131897	G	$9^8-(7-((6+5)^4)^3+2)+1$	43957964	P	$-(-9^8+7)+(6^5)^4/(-3^2-2+1)$
43140470	P	$-(-9^8+7)-6*(-5^4*(4^3/2)-1)$	43987867	G	$9^8+((7^6-5)^4-3)^2*1$
43142715	P	$-(-9^8+7)-6*(5^4-4)^3*2+1$	43987879	G	$9^8+((7^6-5)^4+3)^2*1$
43144608	G	$9^8+(7^6+5^4*(4+3))/(2^*1)$	43987947	G	$9^8+((7^6+5)^4-3)^2*1$
43163114	G	$9^8+7^6-(5^4+3)^2*1$	43987959	G	$9^8+((7^6+5)^4+3)^2*1$
43163126	G	$9^8+7^6-(5^4-3)^2*1$	43991485	P	$-(-9^8+7)-6*(-54^3+2)-1$
43165614	G	$9^8+7^6+(5^4-3)^2*1$	44040058	G	$-9-(-8^7+6)^*(5^4+3-2)+1$
43165626	G	$9^8+7^6+(5^4+3)^2*1$	44040304	G	$-98+7^6*(5+4^3+2)^2$
43166834	P	$-(-9^8+7)-65*(-43^2+1)$	44040310	P	$-(-9-8^7+6)^*(5^4+3-2)+1$
43176313	P	$-(-9^8+7)+(6^5*4^3)^2-1$	44080767	G	$-9^8+(7^6)^5*4/(3^2)^*1$
43201566	G	$(9^8*7-654^3)^2*1$	44105076	G	$9^8+(7^6-54)^3*2^*1$
43202235	G	$9^8-7-6^5*4*(3+2)+1$	44105481	G	$9^8+(7^6-5-4)^3*2^*1$
43270444	P	$-(-9^8+7)+((-6-5)^4)^2+1$	44105553	G	$9^8+(7^6-5+4)^3*2^*1$
43280763	G	$9^8+(7^6-5^4-3)^2*1$	44105571	G	$9^8+(7^6+5-4)^3*2^*1$
43280775	G	$9^8+(7^6-5^4+3)^2*1$	44105643	G	$9^8+(7^6+5+4)^3*2^*1$
43280933	G	$9^8+(7^6-543)^2*1$	44106048	G	$9^8+(7^6+54)^3*2^*1$
43281589	G	$9^8+(7^6-5^4)^2*1$	44174248	P	$-(-9^8-7)-6^5*(-(4^3)^2-1)$
43281695	G	$9^8+(7^6-54^3)^2*(2^*1)$	44223125	G	$9^8+(7^6*5-43)^2*1$
43281881	G	$9^8+(7^6-5-4^3)^2*1$	44223297	G	$9^8+(7^6*5+43)^2*1$
43281901	G	$9^8+(7^6+5-4^3)^2*1$	44347499	G	$9^8*7^6*5^4*3^2-1$
43281905	G	$9^8+(7^6-54-3)^2*1$	44357428	G	$9^8-7-6+5^4*(3^2)^1$
43281917	G	$9^8+(7^6-54+3)^2*1$	44458446	G	$9^8+(7^6-5)^4*3-2-1$
43281923	G	$9^8+(7^6-5-43)^2*1$	44458448	G	$9^8+(7^6-5)^4*3-2+1$
43281943	G	$9^8+(7^6+5-43)^2*1$	44458450	G	$9^8+(7^6-5)^4*3+2-1$
43281973	G	$9^8+(7^6-5^4-3)^2*1$	44458452	G	$9^8+(7^6-5)^4*3+2+1$
43281985	G	$9^8+(7^6-5^4+3)^2*1$	44458566	G	$9^8+(7^6+5)^4*3-2-1$
43281995	G	$9^8+(7^6-5-4-3)^2*1$	44458568	G	$9^8+(7^6+5)^4*3-2+1$
43282007	G	$9^8+(7^6-5-4+3)^2*1$	44458570	G	$9^8+(7^6+5)^4*3+2-1$
43282011	G	$9^8+(7^6-5+4-3)^2*1$	44458572	G	$9^8+(7^6+5)^4*3+2+1$
43282015	G	$9^8+(7^6+5-4-3)^2*1$	44794367	P	$-(-9^8+7)-(6^5)^4*(3^2)-1$
43282023	G	$9^8+(7^6-5+4+3)^2*1$	44811467	G	$9^8+(7^6*5+4)^3-2+1$
43282027	G	$9^8+(7^6+5-4+3)^2*1$	44815802	P	$-(-9^8+7)-6*(-54^3+2+1)$
43282031	G	$9^8+(7^6+5+4-3)^2*1$	44836408	G	$-9+(8*(7^6*5^4-3))^2+1$
43282043	G	$9^8+(7^6+5+4+3)^2*1$	44999839	G	$9^8-7+(6-5+4)^3(3^2)^1$
43282053	G	$9^8+(7^6+5^4-3)^2*1$	45125687	G	$9*(-8^7+6)+(5^4)^3(3^2)+1$
43282065	G	$9^8+(7^6+5^4+3)^2*1$	45177241	G	$9+8*(7^6*5+43)+2^*1$
43282095	G	$9^8+(7^6-5+43)^2*1$	45359734	G	$-9-8*(-7/(6^5)^4+32)-1$
43282115	G	$9^8+(7^6+5+43)^2*1$	45359908	G	$-9-8*-7*((6^5)^4-3/2)+1$
43282121	G	$9^8+(7^6+54-3)^2*1$	45359920	G	$-9-8*(-7*(6^5)^4+3^2)+1$
43282133	G	$9^8+(7^6+54+3)^2*1$	45359958	G	$-9-8*-7/(6^5)^4-32-1$
43282137	G	$9^8+(7^6-5+4^3)^2*1$	45359976	G	$9-8*-7*(6^5)^4-(32+1)$
43282157	G	$9^8+(7^6+5+4^3)^2*1$	45360076	G	$-9-8*-7*((6^5)^4+3/2)+1$
43282343	G	$9^8+(7^6+54^3)^2*(2^*1)$	45360246	G	$-9-8*(-7*(6^5)^4-32)-1$
43282449	G	$9^8+(7^6+5^4)^2*1$	45368012	P	$-(-9^8+7)-6*(-(5^4+3)^2+1)$
43283105	G	$9^8+(7^6+543)^2*1$	45399674	G	$9^8+7^6*5^4-3^2(2+1)$
43283263	G	$9^8+(7^6+5^4-3)^2*1$	45399691	G	$9^8+7^6*5^4-3^2-1$
43283275	G	$9^8+(7^6+5^4+3)^2*1$	45399693	G	$9^8+7^6*5^4-3^2+1$
43295433	G	$9^8+7+(6^5-4)^3+2+1$	45399709	G	$9^8+7^6*5^4+3^2-1$

45399711	G	$9^8+7^6*5^4+3^2+1$	48577027	G	$(9+8*76)*(54^3/2-1)$
45399728	G	$9^8+7^6*5^4+3^2(2+1)$	49020000	G	$(-9+8+7^6)*5^4/(3/2*1)$
45413012	P	$-(-9^8+7)-6*(-(5^4+3)^2+1)$	49020403	G	$(-9-(-8-7^6*5^4)/3)*2-1$
45435270	P	$-(-9+(8-7^6)^5)-(4*3)^2-1$	49020412	G	$-9+(8-7^6*5^4)/3*2-1$
45481528	G	$-9+(8*(7^6*5^4-3))^2+1$	49020414	G	$-9+(8-7^6*5^4)/3*2+1$
45612186	G	$(-98-76)*(5-4^3(3^2*1))$	49020415	G	$(-9+8-7^6*5^4)/3*2-1$
45703107	P	$-9-8+(-7-6)*-(5^4*3)^2-1$	49020417	G	$(-9+8-7^6*5^4)/3*2+1$
45703141	G	$9+8-(-7-6)*(5^4*3)^2-1$	49020439	G	$(9+(8-7^6*5^4)/3)*2-1$
45812616	G	$-9+(8-((-76+5)^4)^3)*2+1$	49023741	G	$-9+(-8-7^6)*5^4/-3*(2*1)$
45930298	G	$((9^8)-7+(6+5)^4*(3^2*1))$	49023759	G	$9+(-8-7^6)*5^4/(-3/2*1)$
45968410	P	$-(-9-((8-7^6*5^4)^3)^2)+1$	49027500	G	$(9+(8+7^6))^5*4/(3/2*1)$
46003222	P	$-(-9-8/(((7*(6-5))^4-3)^{-2}))-1$	49061250	G	$(-98-7^6)*5^4/(-3/2*1)$
46015472	G	$9^8+76/(5^4(-4-3)^2)+1$	49282974	G	$-98+(7^6+5)^4*(3^2+1)$
46115566	G	$98*((7^6-5)^4-3^2(2*1))$	49283119	G	$(-9+8*7)^*(6-5+4^3(3^2+1))$
46117330	G	$98*((7^6-5)^4+3^2(2*1))$	49453527	G	$(9^8-7-6^4(5+4))^3/2*1$
46118155	P	$-(-9-(8^7*6-5)*(4+3)^2)+1$	49453548	G	$(9^8+7-6^4(5+4))^3/2*1$
46118213	G	$(-9-(-8^7*6-5))/(-4-3)^{-2}+1$	49526714	P	$-(-9^8+7)+(6*5)^4*(3^2-1)$
46118357	G	$(98*7^6-5)^4-32+1$	49807350	G	$-9+8^7*(6-5/4)^*(3+2)-1$
46118376	G	$(98^(-7+6+5)-4^3)/(2*1)$	50339015	G	$-9+((8+7)^*(6+5)^4)^3-1$
46118431	G	$(98*7^6+5)^4+3*(2-1)$	50388035	G	$-9+(-87+6^4(5+4))^*(3+2)-1$
46118459	G	$(98*7^6+5)^4+32-1$	50388390	G	$-98+7+6^4(5+4)^*(3+2)+1$
46118460	G	$(98*7^6+5)^4+32*1$	50474844	G	$-9+(-8-7^6)*(-5^4*3^2+1)$
46119486	G	$98*((7^6+5)^4-3^2(2*1))$	50479686	G	$(9^8+7^6)^5/4/3*(2*1)$
46121250	G	$98*((7^6+5)^4+3^2(2*1))$	50588390	G	$9-(8-7^6*5)^4*3^2-1$
46137468	G	$-9+(8^7+6)^*(54-32)+1$	50588392	G	$9-(8-7^6*5)^4*3^2+1$
46206438	P	$-(-9^8+(-7-65^4)^*(3+2))-1$	50589766	G	$9+(8+7^6*5)^4*3^2-1$
46235354	P	$-(-9^8+7)+6*((5+4)^3(3^2-1))$	50589768	G	$9+(8+7^6*5)^4*3^2+1$
46293632	G	$-98*(7-6*54^3/2+1)$	50602292	G	$-9*(8-(7+6*5)^4*3-2)-1$
46294319	G	$-98+(7^6*54^3)^2+1$	50708003	P	$-9+(-8-7^6+5)*-(432-1)$
46294343	G	$-9*8+(7^6*54^3)^2-1$	50801040	G	$9*8*((7^6-54)^3*2*1)$
46400010	P	$9-87/6*(-5^4)^{-(-3-2)+1}$	50815728	G	$9*8*((7^6-5^4)^3*2*1)$
46484375	P	$(-9-8)^7*(6-(5-4))^3(3^2-1)$	50820480	G	$9*8*((7^6-5-4)^3*2*1)$
46580617	G	$-9+((-8-7)^6*5^4(4+3))^2+1$	50823064	G	$-9+(-8-(-7^6-5))^4*3^2+1$
46621594	G	$9+((8+7^6*5^4)^3)^2+1$	50823338	P	$-(-9+8-((7^6-5)^4-3)^2)-1$
46681738	G	$(9^8-7^6(6+5)^4(4+3))/(-2*1)$	50823883	P	$-(-((-9-8^7-7^6)*54+3)+2)*1$
46733115	P	$-(-9^8+7)+(6^5*5^4*3)^2+1$	50824044	G	$(9^8*7^6-54)^3*2*1$
46811649	G	$9^8+7^6(6+5)/(4^4-3^2(2*1))$	50824095	G	$-9+8*(7^6*54-32-1)$
46814196	P	$-(-9^8+7)+(6^5/4+3)^2+1$	50824111	G	$-9+8*(7^6*54-32+1)$
46837524	P	$-(-9^8+7)+(6^5/4+3)^2+1$	50824352	G	$-9+8*7^6*54-3^2-1$
46837524	P	$-(-9^8+7)+(6^5/4+3)^2+1$	50824355	G	$-9+8*7^6*54-3-2+1$
46980078	G	$-9-87*((6^5)^4/-3^2-1)$	50824360	G	$-9+8*7^6*54+3-2*1$
47029157	G	$-98+7*(6^4(5+4)/3^2+1)$	50824365	G	$-9+8*7^6*54+3+2+1$
47029222	G	$-9-(8-7^6(5+4)/3)^2-1$	50824399	G	$9+8*(7^6*54+3)^2-1$
47185809	G	$-9*((8^7/6^5-5+4)^3)^2-1$	50824403	G	$9+8*(7^6*54+3)+2*1$
47185811	G	$-9*((8^7/6^5-5+4)^3)^2-1$	50824607	G	$-9+8*(7^6*54+32-1)$
47444536	G	$-9+(8^7*(6^5*4-3))^2+1$	50824623	G	$-9+8*(7^6*54+32+1)$
47485247	G	$-9^8+(7-65)^4*(3^2-1)$	50824692	G	$(9^8*7^6+54)^3*2*1$
47498167	G	$-9+8*76*(5^4(4+3)-2-1)$	50828256	G	$9*8*((7^6+5+4)^3*2*1)$
47498767	G	$-9+8*(76*(5^4(4+3)-2)-1)$	50833008	G	$9*8*((7^6+5^4)^3*2*1)$
47500599	G	$-9+8*76*(5^4(4+3)+2-1)$	50847696	G	$9*8*((7^6+54)^3*2*1)$
47501199	P	$-9-8*(76*(5^4(-4-3)-2)+1)$	50858754	P	$-(-9^8-7)+(65^4)^2+1$
47501206	P	$-9-8*76*(5^4(4+3)+2)-1$	51017114	P	$-(-9^8+7)-6^5*(4^4(3+2)-1)$
47525510	G	$-9+(8+(7+6)^5/4^3)^2-1$	51416099	P	$-(-9-(8+7^6)*5(4+3))-1$
47652479	P	$-9^8+(-7+6^4(-5-4))/3^2-1$	51417078	P	$-(-9+8^7*6)+(5^4)^3(3^2-1)$
47652480	G	$-9^8-(-7+6^4(5+4))*(-3^2*1)$	51454712	G	$-9-8^7+65^4*3-2*1$
47652536	G	$-9^8-7-6^4(5+4)*(-3^2*1)$	51454714	G	$-9-8^7+65^4*3^2(2-1)$
47652605	P	$-9^8+(-7-6^4(-5-4))/-3^2-1$	51454716	G	$-9-8^7+65^4*3+2*1$
47761920	G	$((9+8)/(7^6-54^3))^2-1$	51538031	G	$-9+((8-(7/(6-5))^4)^3)^2-1$
47761922	G	$((9+8)/(7^6-54^3))^2-1$	51765561	G	$9+8*(7^6*(54+3)-2)-1$
47870329	G	$9^8+7^6*(5+4+32)-1$	51904488	G	$-9*(8^7*(6-5)(4+3)+2+1)$
47999990	G	$-9-8^7*6*(5/4)^3(3^2-1)$	52429041	G	$-9+(8^7-7+6)*(-5-4^3(3^2+1))$
48000817	G	$9+8*(7^6*(54-3)+2*1)$	52485624	G	$-9+(8^7+6^4(5+4)^3(3+2)+1)$
48019992	G	$-9+((8-7+6)^5)^4*3^2+1$	52521857	P	$-(-9+8-7*(6-5+4))^3(3+2)-1$
48029792	G	$-9+((8*(7+6)-5)^4+3)/2-1$	52609367	P	$-(-9+(8+7)^6+(5^4)^3(3^2+1))$
48234352	G	$-9-(8^7+6)^*(5^4+3)+2+1$	52930790	G	$-9+87/(65^4*3)^2-1$
48234628	G	$-9-(8^7+6)^*(5^4-4-3)+2+1$	53231626	G	$9+(8^7*6*(-5-4-3))^2+1$
48291318	G	$-9-8^7+6^4(5+4)^3(3+2)-1$	53463743	P	$(9+8+(-7-6)^5)*-(4^3)^2-1$
48299298	G	$(9^8+((7+6)^5)^4*3)/(2*1)$	53467336	G	$-9+(8+(7+6)^5)^4(4^3)^2+1$
48340890	G	$9^8+7^6*5^4)^3*2*1$	53549527	G	$(9^8*7-65^4)^3-3+2-1$
48340962	G	$9^8+(7^6*5+4)^3*2*1$	53549818	G	$(98*7-65^4)^3-3+2-1$

53550886	G	$-987+65^4*3-2*1$	57647878	G	$98*7^6*5-4*(32+1)$
53550888	G	$-987+65^4*3^2(2-1)$	57647973	G	$98*7^6*5-4*3^2-1$
53550890	G	$-987+65^4*3+2*1$	57647974	G	$98*7^6*5-4*3^2*1$
53551090	G	$9*-87+65^4*3-2*1$	57648018	G	$98*7^6*5+4+3+2-1$
53551095	G	$9*-87+65^4*3+2+1$	57648026	G	$98*7^6*5+4*(3+2-1)$
53551187	G	$-98*7+65^4*3-2*1$	57648142	G	$98*7^6*5+4*(32+1)$
53551189	G	$98*-7+65^4*3^2(2-1)$	57648370	G	$98*(7^6*5+4)-32*1$
53551369	G	$9*-8*7+65^4*3-2*1$	57648401	G	$98*(7^6*5+4)^(3-2)-1$
53551373	G	$9*-8*7+65^4*3+2*1$	57648434	G	$98*(7^6*5+4)+32*1$
53551768	G	$-98-7+65^4*3-2*1$	57649480	G	$98*(7^6*5+4*3+2+1)$
53551770	G	$-98-7+65^4*3^2(2-1)$	57651135	G	$(98*7^6+5^4)*(3+2)*1$
53551810	G	$-9*8+7+65^4*3^2(2-1)$	57656340	G	$98*(7^6*5+4*3^2-1)$
53551955	G	$9*8+7+65^4*3+2-1$	57656536	G	$98*(7^6*5+4*3^2+1)$
53552640	G	$9*(87+65^4/3-2)*1$	57660553	G	$98*(7^6*5+4*32)-1$
53647969	G	$9+8*(7^6*(54+3)+2)*1$	57660555	G	$98*(7^6*5+4*32)+1$
53661293	P	$-(-9*8-7)+(6*543)^2+1$	57690345	G	$98*(7^6*5+4*32)-1$
53747682	P	$-(9+(8-((7+65)^4-3))^2)+1$	57690347	G	$98*(7^6*5+4*32)+1$
53747694	P	$-(9+(8-(7+65)^4-3)^2)+1$	57730169	G	$-9^8-(-7+6^4(5+4))^*(-3^2-1)$
53747702	G	$-9-8+((7+65)^4+3)^2+1$	58040064	G	$(9-8-7)^6*(5^4-3)^2*1$
53807445	P	$(-9^8+765)/-(4/(3+2)*1)$	58106432	G	$9^8+(7^6+5)^4*32-1$
53837468	P	$-(9+8)+(7+6)^5*((4*3)^2+1)$	58106434	G	$9^8+(7^6+5)^4*32+1$
53837484	P	$-(9-8)+(7+6)^5*((4*3)^2+1)$	58182534	P	$-(9+8^7)+(6^5-4*3)^2-1$
54010051	G	$-98+(7*6*(5+4))^3-2-1$	58319527	G	$9*8*(-7+(6*5)^4)+32-1$
54010142	G	$-9+((8-7+6)*54)^3-2+1$	58319997	G	$(-9-8-7)*6*(6*5)^4*3-2-1$
54017766	G	$((9+8)*7^6+5^4)*3^2(2+1)$	58425107	G	$(9-(8+76-5)^4)*-3/2-1$
54448040	G	$-9^8+7*((6*(-5^4+3))^2-1)$	58492920	G	$-9+(8*(7+6))^4(5-(4-3))/2+1$
54526194	G	$(9+8^7)*6*(5-4)+3^2-1$	58555782	P	$-(9+8^7)+(6^5+4*3)^2-1$
54684181	P	$-9^8-7*(-(65*43)^2-1)$	58592968	G	$-9*87+6*5^4(4+3^2)+1$
54684199	P	$-(-9-8)-7*(-(65*43)^2-1)$	58592973	G	$-9*87+6*(5^4(4+3^2)+1)$
55050142	G	$-98+7*6*5^4(3^2*1)$	58593065	G	$-98*7+6*5^4(4+3^2)+1$
55233343	G	$-9^8+7*(-6*5^4+3)^2+1$	58593070	G	$-98*7+6*(5^4(4+3^2)+1)$
55548342	G	$-9^8+7*((6*5^4+3)^2*1)$	58593637	G	$(-9-8)*7-6*(-5^4(4-3^2-2)-1)$
55552501	G	$9876*5^4/3^2-2+1$	58593665	P	$-(9*8+7)-6*(-5^4(4+3^2)+1)$
55649016	G	$-9+8^7+65^4*3-2*1$	58593691	G	$-9*8+7+6*(5^4(4+3^2)+1)$
55649018	G	$-9+8^7+65^4*3^2(2-1)$	58593720	G	$(9*8-7*6)*(5^4(4+3+2)-1)$
55649020	G	$-9+8^7+65^4*3+2*1$	58593746	P	$-(9+8-7)-6*(-5^4(4+3^2)-1)$
55752807	G	$9^8+(7^6*54-3)^2*1$	58593834	P	$-(9-87)-6*(-5^4(4+3^2)-1)$
55752819	G	$9^8+(7^6*54+3)^2*1$	58599936	G	$(9-8-7)^6*(5^4+3)^2*1$
56338040	G	$-9^8+7*((6*(5^4+3))^2-1)$	58719631	G	$-9-8*7*(6+5-4^3(3^2+1))$
56470463	P	$-(98/7)^6+(5^4)^3(3^2)-1$	58720863	G	$-9+8*7*(6+5+4^3(3^2+1))$
56471532	G	$9+8*7^6*5*4*3+2+1$	58723887	G	$-9+8*7*(65+4^3(3^2+1))$
56496595	P	$-(9+8^7)-6*(-5^4(4+3^2)-1)$	58801743	G	$-9^8+(7-65)^4*(3^2*1)$
56582430	G	$-9+(8-(7-65)^4)^3(3-2)-1$	58937976	G	$-9+(-8^7-6^5)^4(4-32)+1$
56623258	G	$-9-(8^7+6)*(5-4^3/2)+1$	59217032	G	$-9^8(8+7+6)+(5^4)^3(3^2)+1$
56625065	G	$(9*-8^7-654)*-3-2+1$	59294735	G	$9*8*(7^6(6+5-4)-3-2)-1$
56690972	G	$-9+(8+7)^6*5-4^3(3^2*1)$	59295309	G	$9*8*(7^6(6+5-4)+3)-2-1$
56795286	G	$(9^8+7*(6^4(5+4)-3))/(2*1)$	59295311	G	$9*8*(7^6(6+5-4)+3)-2+1$
56795295	G	$(9^8+7/6^4(-5-4)-3)/(2*1)$	59295313	G	$9*8*(7^6(6+5-4)+3)+2-1$
56795298	G	$(9^8+7*6^4(5+4)+3)/(2*1)$	59295315	G	$9*8*(7^6(6+5-4)+3)+2+1$
56795307	G	$(9^8+7*(6^4(5+4)+3))/(2*1)$	59474160	G	$-9*87+(6^5-4^3)^2-1$
56796468	G	$-9+((8+(7+6)*5)^4-3)^2+1$	59474257	G	$-98*7+(6^5-4^3)^2-1$
56953223	P	$-(9-(8+7)^6)*5+(4*3)^2-1$	59474878	G	$-9-8*7+(6^5-4^3)^2-1$
56954103	P	$-(9-(8+7)^6)*5+4^3(3+2)-1$	59475447	G	$9*8*7+(6^5-4^3)^2-1$
56957175	P	$-(9-(8+7)^6)*5+4^3(3^2)-1$	59640882	G	$(9^8+(76-5)^4*3)/(2*1)$
57147384	G	$-9-8^7*(6-5/4-32)+1$	59768824	P	$-(9-8^7*(6+54-3)/2)+1$
57175254	G	$(9/8*7^6-5)*432*1$	59798301	G	$-987+(6^5-4^3)^2-1$
57176532	P	$-(98-7^6*54)*3^2(2*1)$	59799337	P	$-(9-8^7)+(-6^5+43)^2+1$
57177261	G	$-9*(8-7^6*54+3^2(2*1))$	59799423	G	$9*(8+7)+(-6^5+43)^2-1$
57177315	G	$-98+7^6*54*3^2-1$	59799792	G	$9*8*7+(6^5-43)^2-1$
57177567	G	$(9+8+7^6*54)*3^2*1$	59973400	G	$-9+(8+(7+6*5)^4)*32+1$
57178296	G	$(98+7^6*54)*3^2*1$	60278710	G	$-987+(6^5-4^3)^2+1$
57179574	G	$(9/8*7^6+5)*432*1$	60279630	G	$-9*8+7+(6^5-4^3)^2-1$
57416776	P	$-(-9^8-7)-6^5*(-43^2+1)$	60279671	P	$-(9+8+7)+(6^5-4^3)^2-1$
57598040	G	$-9^8-7*(-6^5*43^2+1)$	60279701	G	$-9+8+7+(6^5+4^3)^2-1$
57598047	G	$-9^8-7*6^5*(-43^2*1)$	60279742	G	$-9+8*7+(6^5+4^3-3)^2-1$
57605673	G	$98*(7^6*5-432)-1$	60280199	G	$9*8*7+(6^5+4^3-3)^2-1$
57605675	G	$98*(7^6*5-432)+1$	60352315	G	$((9^8)-7)+(65/4^3-3)^2+1$
57647586	G	$98*(7^6*5-4)-32*1$	60356373	G	$-987+(-6^5+4+3)^2-1$
57647650	G	$98*(7^6*5-4)+32*1$	60356577	G	$-9*87+(6^5-4-3)^2-1$
57647865	G	$98*7^6*5-(4*3)^2-1$	60356674	G	$-98*7+(6^5-4-3)^2-1$

60357348	G	$-98/7+(6^5-4-3)^2+1$	63652427	P	$-(9-(8+7^6)^*(543-2))-1$
60357864	G	$9^*8^*7+(-6^5+4+3)^2-1$	63664433	G	$-9+(8+7+6-(5^4)^3)^2+1$
60449637	G	$-987+(-6^5+4-3)^2-1$	63700926	G	$-9-8^*(7-6^5*4^3(3+2))-1$
60449843	G	$-9^*87+(6^5-4+3)^2+1$	63710034	G	$-9+(8-(7-6^54)^3)^2+1$
60449940	G	$-98^*7+(6^5-4+3)^2+1$	63792096	G	$-9^*8+(7+6-(5^4)^3)^2-1$
60450610	G	$-98/7+(6^5-4+3)^2-1$	63830136	G	$-9+(-8^7+6^54)^3)^2+1$
60451128	G	$9^*8^*7+(-6^5+4-3)^2-1$	63830192	G	$(-98+7^6)^*543-2+1$
60466298	G	$9+(8^*7+6^5(5+4)^3)^2+1$	63844280	G	$(-9-(8^7-6^5(5+4)))^*(3^2-1)$
60480741	G	$-987+(6^5+4-3)^2-1$	63844312	G	$(9^*8-7^6)^*-543+2-1$
60480947	G	$-9^*87+(6^5+4-3)^2+1$	63856073	G	$-9+(8+7-6-(5^4)^3)^2+1$
60481044	G	$-98^*7+(6^5+4-3)^2+1$	63888041	G	$-9+(8-(7-6)-(5^4)^3)^2+1$
60481714	G	$-98/7+(6^5+4-3)^2-1$	63904011	G	$-9-8-7+(6-(5^4)^3)^2-1$
60482232	G	$9^*8^*7+(6^5+4-3)^2-1$	63904156	G	$(9+8)^*7+(6-(5^4)^3)^2+1$
60574101	G	$-987+(6^5+4+3)^2-1$	63904170	G	$9^*(8+7)+(6+(-5^4)^3)^2-1$
60574305	G	$-9^*87+(6^5+4+3)^2-1$	63920017	G	$-9+(8-(7+6)+(5^4)^3)^2+1$
60574402	G	$-98^*7+(6^5+4+3)^2-1$	63940952	P	$9^*(-(8-7)+6+(5^4)^3(3^2)+1)$
60575076	G	$-98/7+(6^5+4+3)^2+1$	63983928	G	$-9^*8+(7-6-(5^4)^3)^2-1$
60575592	G	$9^*8^*7+(6^5+4+3)^2-1$	63999491	P	$-(9^*8^*7+6)+(5^4)^3(3^2)+1$
60651958	G	$-987+(6^5+4^3)^2+1$	63999527	P	$-(9^*8+7)^*6+(5^4)^3(3^2)+1$
60652878	G	$-9^*87+(6^5+4^3)^2-1$	63999672	G	$9-8^*7^6+(5^4)^3(3^2)-1$
60652919	P	$-(9+8+7)+(6^5+4^3)^2-1$	63999756	P	$-9^*(-((-8-7)/6)+(5^4)^3(3^2))-1$
60652949	G	$-9+8+7+(6^5+4^3)^2-1$	63999857	P	$-(-(-9-8)+7)^*6+(5^4)^3(3^2)+1$
60652990	G	$-9+8^*7+(6^5-4^*-3)^2-1$	63999953	P	$-(-(-9+8)+7)^*6+(5^4)^3(3^2)+1$
60653447	G	$9^*8^*7+(6^5-4^*-3)^2-1$	63999965	P	$-(-9+8+7)^*6+(5^4)^3(3^2)+1$
60690899	P	$-(9-8^7)-6^*(-5^4(4+3^2)-1)$	64000062	G	$9^*(8-(7-6))+5^4(3^2)-1$
60775303	P	$-(9-(((8+(7+6))^5)^4-3)/2)+1$	64000188	G	$9^*(8+7+6)+(5^4)^3(3^2)-1$
60775306	P	$-(9+(-((-8-(7+6))^5)^4-3)/2)+1$	64000344	G	$9-8^*-7^6+(5^4)^3(3^2)-1$
60817310	G	$-98-(7-65)^*4^3(3^2+1)$	64000499	P	$-(9^*8^*7+6)+(5^4)^3(3^2)+1$
60817336	G	$-9^*8-(7-65)^*4^3(3^2+1)$	64000559	G	$9^*(8^*7+6)+(5^4)^3(3^2)+1$
60817391	P	$-(9+8)-(7-65)^*4^3(3^2+1)$	64000896	G	$((9+8)^*7^6-5)/(4^4-3^*(2^*1))$
60817407	P	$-(9-8)-(7-65)^*4^3(3^2+1)$	64003776	G	$(-9-8)^*(7^6+5)/(-4^4-3^*(2^*1))$
61135773	G	$-987+(6^5+43)^2-1$	64004115	G	$98^*7^6+(5^4)^3(3^2)-1$
61136809	P	$-(9-8^*7)+(6^5+43)^2+1$	64004697	G	$9^*8^*7^6+(5^4)^3(3^2)-1$
61136895	G	$9^*(8+7)+(6^5+43)^2-1$	64005471	G	$9^*8^*7^6+(5^4)^3(3^2)-1$
61464816	G	$-9^*87+(6^5+4^3)^2-1$	64015928	G	$-9^*8+(7-6+(5^4)^3)^2-1$
61464913	G	$-98^*7+(6^5+4^3)^2-1$	64056988	G	$9^*8+(-7+65^4)^3)^2+1$
61465534	G	$-9-8^*7+(6^5+4^3)^2-1$	64057022	G	$-9^*8-7+65^4)^3)^2+1$
61466103	G	$9^*8^*7+(6^5+4^3)^2-1$	64057036	G	$-9^*8+7+65^4)^3)^2+1$
61509390	G	$(9^*(8+7)^6/5+4)^3+2+1$	64057072	G	$-9^*8+(-7-65^4)^*-3^2+1$
61515976	G	$-9-(8-7^*((65^4)^3/2-1))$	64080017	G	$-9+(8-(7+6)-(5^4)^3)^2+1$
61515984	P	$-(9+8)+7^*(65^4)^3/2+1$	64094198	G	$-9-8^7^*(-6^5-(4/3)^2)-1$
61734902	G	$-9-8^7^*(-6^5+(4/3)^2)-1$	64096011	G	$-9-8-7+(6+(5^4)^3)^2-1$
61896432	P	$-(9-8^7-(-6^5+43)^2)^*1$	64096156	G	$(9+8)^*7+(6+(5^4)^3)^2+1$
62099126	P	$-9+(-(8^*(-7-6)+5)^4)^3-2+1$	64096170	G	$9^*(8+7)+(6+(-5^4)^3)^2-1$
62099130	G	$-9+((8^*(-7-6)+5)^*-4)^3+2+1$	64112041	G	$-9+(8-(7-6)+(5^4)^3)^2+1$
62110153	G	$-9+(876^*(5+4)-3)^2+1$	64123055	P	$-(9-(8+7^6)^*(543+2))-1$
62118655	P	$-(9+8)+7^6*((5^4+3)^2-1)$	64140463	P	$-(-9^*8+7)-6^*(-5^4)^3)^2-1$
62118671	P	$-(9-8)+7^6*((5^4+3)^2-1)$	64140470	P	$-(-9^*8+7)-6^*(-5^4)^3)^2-1$
62158914	G	$(9^*8-76^*54^3)^2+1$	64144073	G	$-9+(8+7-6+(5^4)^3)^2+1$
62236224	G	$-98+7^6*(5^4+3)^2+1$	64208096	G	$-9^*8+(7+6+(5^4)^3)^2-1$
62246722	P	$-(-9^*8-7)-6^*((-5^4)^3(3+2)+1)$	64303599	G	$-9^*8+(7-6^5)^4/3)^2-1$
62376838	P	$-(9-8^7)+(6^5-4^3)^2-1$	64336433	G	$-9+(8+7+6+(5^4)^3)^2+1$
62750086	P	$-(9-8^7)+(6^5+4^3)^2-1$	64406421	G	$(9^*8+7^6*(5+4)^3)/(2^*1)$
62769080	G	$-9^*8-7^*(-6^5(5+4)^3/2+1)$	64448695	G	$-9^*8-(7-(6^5)^4/3)^2-1$
62769087	G	$-9^*8-7^*(-6^5(5+4)^3/2^*1)$	64448709	G	$-9^*8+7+(6^5)^4/3)^2-1$
62849014	G	$-9+8^7^*(6^5-4^*-3^2)-1$	64544871	G	$(9^*8-7^6(6-5+4))^3/2^*1$
62881782	G	$-9+8^7^*(6^5-4^*-3)-2+1$	64595292	G	$(9^*8+7^6(6-5+4))^3/2^*1$
62914406	P	$-(9-8^7^*6^5)-(4^3)^2-1$	64673693	G	$-9^*8+(7^6+5^4)^3)^2+1$
62914448	P	$-((-9-8^7^*6^5)^5+4^3)^2-1$	64941182	G	$-9-(-8^*7^6-(5^4)^3(3^2))-1$
62914694	G	$-9-8^7^*6^5+(4^3)^2-1$	65028088	G	$-9+(8^*7^*(-6+54)^3)^2+1$
62914878	G	$(9+8^7)^*6^5+(4+3)^2-1$	65058914	G	$9^*(8+7^6)+(5^4)^3(3^2)+1$
62915062	G	$-9-8^7^*(-6^5-4^*(-3^2))-1$	65254076	P	$-9+(8+(-7-6)^*(-5^4+3))^2+1$
62916140	G	$-(9+8^7)^*6^5+4^3)^2+1$	65383323	G	$-9^*8+((-7-6)^*(-5^4+3))^2-1$
62941232	G	$9^*(8-7^6)+(5^4)^3(3^2)+1$	65512828	G	$-9+(8+(-7-6)^*(-5^4+3))^2+1$
62947318	G	$-9+8^7^*(6^5+4^*-3)-2+1$	65634369	G	$9^*8+(-7^6+5)/-4^4-3^*(2+1)$
62980086	G	$-9+8^7^*(6^5+4^*-3^2)-1$	65636289	G	$9^*8-(7^6+5)/-4^4-3^*(2+1)$
63058798	G	$-9-8^7^*6+(5^4)^3(3^2)-1$	65805396	G	$(9^*8+7^6(6+5-4))^3/2^*1$
63268031	P	$-9-(8-(76^5-4)^3)^2+1$	65966983	G	$98+((7+6)/5^4-4-3)^2+1$
63329693	G	$-9^*8+(7^6-(5^4)^3)^2+1$	66096892	G	$-9+(8+((7+6)/5^4-4-3))^2+1$
63334767	G	$(9^*8-7^6(6+5-4))^3/2^*1$	66520328	G	$-9+(8-(7+6)^*(5^4+3))^2+1$

66584566	G	$-9 \cdot 8^7 \cdot ((6-5)/4-32) - 1$	73387344	G	$(9^8 - 7^6 \cdot 54 - 3) \cdot 2^* 1$
66650823	G	$-9^* 8 + ((7+6) \cdot (5^4+3)) \wedge 2 - 1$	73387356	G	$(9^8 - 7^6 \cdot 54 + 3) \cdot 2^* 1$
66724254	G	$-98 + 76 \wedge (5-4+3) \cdot 2^* 1$	73485593	P	$-((9^* 8 - 7^6)/5^4 - 4 + 32) \cdot 1$
66781576	G	$-9 + (8 + (7+6) \cdot (5^4+3)) \wedge 2 + 1$	73485624	P	$-((9^* 8 - 7^6) \cdot 5^4 + 3) + 2^* 1$
66860152	G	$-9 + (8^7 - 6^5 + 4) \cdot 32 + 1$	73485630	P	$-((9^* 8 - 7^6) \cdot 5^4 - 4 - 32) - 1$
67059711	G	$-9 + ((8^* (7-6)) \wedge 5 / 4 - 3) \wedge 2 - 1$	73485634	G	$(9^* 8 - 7^6) \cdot 5^4 + 3^4 (2^* 1)$
67106560	G	$(-9 + 8^7 (7-6+5)) \cdot 4^4 (3+2-1)$	73485652	G	$(9^* 8 - 7^6) \cdot 5^4 + 3^4 (2+1)$
67107894	G	$-9 + (-8^7 + 6^5) / (-4^4 - 3^2) - 1$	73485657	G	$(9^* 8 - 7^6) / -5^4 - 4 - 32^* 1$
67108942	G	$-9 + (8^7 + (6+5) / 4) \cdot 32 - 1$	73485658	G	$(9^* 8 - 7^6) / -5^4 - 4 + 32 + 1$
67108952	P	$-(9 - (8^7 - 6 + (5+4))) \cdot 32 + 1$	73560051	P	$-(9 + (8 - 7^* (65-4))) \wedge 3 - 2) - 1$
67109016	P	$-(9 - (8^7 + (6 - (5-4)))) \cdot 32 + 1$	73591844	G	$(-98 - 7^6) / -5^4 - 4 - 32 + 1$
67109080	G	$-9 + (8^7 + (6+5) - 4) \cdot 32 + 1$	73591885	G	$(-98 - 7^6) \cdot 5^4 + 3^2 + 1$
67109814	G	$-9 + (-8^7 - 6^5) / (-4^4 - 3^2) - 1$	73828115	P	$-9 + (-(-8-7) + 6) \cdot (5^4 + 3) \wedge 2 - 1$
67128664	G	$-9 + (8^7 - 6 + 5^4) \cdot 32 + 1$	73878542	G	$-9 - (8 - 7^6) \cdot (5^4 + 3) + 2 + 1$
67158015	G	$-9 + ((8^* (7-6)) \wedge 5 / 4 + 3) \wedge 2 - 1$	73888590	G	$-9 - ((-8 - 7^6) \cdot (5^4 + 3) - 2 - 1)$
67346715	P	$-(-9 + 8 + 7) - (-6^5) \wedge (4 + 3 - 2) + 1$	74087982	G	$-9 - (8 - (7^* (6+54))) \wedge 3 + 2 + 1$
67357281	G	$(-9 + 8^7 - (-6^5 + 4)) \cdot 32 + 1$	74087990	G	$-9 - (8^* (7^* - 6^5) \wedge (4 - (3 - 2))) + 1$
67357560	P	$-(9 + (-8^7 - 6^5 + 4) \cdot 32) + 1$	74218442	G	$(9^8 - 76 \cdot 5^4 (4+3)) \cdot 2^* 1$
67633142	G	$-9 + 8^7 \cdot ((6-5) / 4 + 32) - 1$	74252922	G	$(9^8 + (7^* (6+5)) \wedge 4 \cdot 3) / (2^* 1)$
67734374	G	$(-9 + 876) / 5^4 (-4-3) - 2 + 1$	74301954	P	$-(9-8) - 7^* (-6^5 + 43) \wedge 2 - 1$
68001333	G	$(9 - (8 - 7^* (6+5))) \wedge 4 \cdot 3 - 2 - 1$	74301972	P	$-(-9-8) - 7^* (-6^5 + 43) \wedge 2 - 1$
68001355	G	$-9 + (8 - 7^* (6+5)) \wedge 4 \cdot 3 + 2 - 1$	74322431	G	$9/8^* ((-7-6) \cdot 5^4 - 4 - 3) \wedge 2 - 1$
68024410	G	$-9 - (8 + 7 - (6^5 + 4^3)) \cdot 2 + 1$	74448674	G	$-9 + (8^7 - 6) \cdot ((5 + 4^3) / 2 + 1)$
68024425	G	$-9 - (8 + 7 - (6^5 + 4^3) \cdot 2) + 1$	74448888	G	$-9 + 8^7 / 6^* (5^4 + 3 - 2) + 1$
68024582	G	$9^* (8+7) - (6^* - 54) \wedge 3 \cdot 2 - 1$	74904986	P	$-(-9^8 + 7) - 6^5 \cdot (-4^4 (3^2 - 1) - 1)$
68157559	G	$((9+8)^* 7 + 65 \cdot 4^4 (3^2 + 1))$	75331758	G	$(9^8 \cdot 7 - 6 - 5 - 4) / (3 + 2 - 1)$
68359312	G	$-98 - 7^* (-6 - 5^4 (4 + 3^2) + 1)$	75390617	P	$-(9 - (-8 - 7) \wedge 6) + (5^4) \wedge (3^2) + 1$
68359315	P	$-(9+8) - 7^* (6 - 5^4 (4 + 3^2)) - 1$	75446606	P	$-(-9 - ((8 - 7^* 6^5) \wedge 43) \wedge 2) + 1$
68359367	P	$-(9 - (8 - 7 + 6) \cdot 5^4 (4 + 3^2)) + 1$	75497701	G	$(9^* 8^7 + 65) \cdot 4 - 32 + 1$
68359399	P	$-(9+8) + 7^* (6 + 5^4 (4 + 3^2)) - 1$	75499807	G	$9^* (8^7 + 65) \cdot 4 - (3 + 2^* 1)$
68417919	G	$-9 + ((87 - 6) \cdot 5 + 4) \wedge 3 - 2 + 1$	75541604	G	$-9^8 - (7 + (6 - 5^4) \wedge 3) / 2 - 1$
68437490	G	$-9 + 876 \cdot 5^4 (4 + 3) - 2 + 1$	75541611	G	$-9^8 + (7 - (6 - 5^4) \wedge 3) / 2 - 1$
68440119	G	$-9 + 876 \cdot (5^4 (4 + 3) + 2 + 1)$	75727062	G	$(9^8 + 7^6 \wedge (5 + 4)) / (3 / 2^* 1)$
68841482	G	$(9 + (8 - 7 + 6) \wedge 5 \cdot 4^4 (3^2 + 1))$	75831551	G	$9^* 8^* (7^6 - 5^4) / 3^4 - 2 - 1$
68966713	P	$-(-9^8 + 7) + (6^5) \wedge 4 \cdot 32 - 1$	75831553	G	$9^* 8^* (7^6 - 5^4) / 3^4 - 2 + 1$
69141855	G	$(9 + (8^7 - 6^5 / 4) \cdot (32 + 1))$	75866088	G	$-9 - (8 + (7^* (6 - 54))) \wedge 3 \cdot 2 + 1$
69142161	G	$(9 + 8^7 - 6^5 / 4) \cdot (32 + 1)$	75996056	G	$-9^8 - 7^* ((6^* - 54) \wedge 3 / 2 + 1)$
69174696	G	$(98^* (7^6 - 5) + 4) \cdot 3^2 \cdot 2^* 1$	76021750	G	$-9 + 8^7 \cdot (6 + 5 / 4) \cdot (3 + 2) - 1$
69177288	G	$(98^* 7^6 - 54) \cdot 3^2 \cdot 2^* 1$	76185926	G	$9^* (8^* 7^6 - 5^4) / 3^4 - 2 - 1$
69177289	G	$(98^* 7^6 - 54) \cdot 3^2 + 1$	76185928	G	$9^* (8^* 7^6 - 5^4) / 3^4 - 2 + 1$
69177935	G	$(98^* 7^6 + 54) \cdot 3^2 - 1$	76201560	G	$9^* 8^* (7^6 - 54) / (3^4 - 2^* 1)$
69177936	G	$(98^* 7^6 + 54) \cdot 3^2 \cdot 2^* 1$	76223592	P	$9^* 8^* (7^6 - 5^4) / (-3^4 - 2^* 1)$
69180528	G	$(98^* (7^6 + 5) - 4) \cdot 3^2 \cdot 2^* 1$	76230720	P	$9^* 8^* (7^6 - (5 + 4)) / (-3^4 - 2^* 1)$
69337078	G	$-9 + 8^7 \cdot ((6+5) / 4 + 3) \wedge 2 - 1$	76230927	G	$(9^* 8^* 7^6 - 5^4) \cdot 3^2 \cdot 2^* 1$
70254582	P	$-(9 - 8^7 \cdot (6 + 5^* (4 + 3 / 2))) - 1$	76234176	G	$9^* 8^* (7^6 \cdot (5 + 4) - 32 - 1)$
70469958	G	$-9 - (-87 / (6^5) \wedge -4 + 32) - 1$	76234320	G	$9^* 8^* (7^6 \cdot (5 + 4) - 32 + 1)$
70469976	P	$-(-9 - 87 / (6^5) \wedge -4 + 32) - 1$	76236066	G	$(9^* 8^* 7^6 - 54) \cdot 3^2 \cdot 2^* 1$
70469981	P	$-(9 - 87^* (6^5) \wedge 4) - 3^2 - 1$	76236120	G	$9^* 8^* (7^6 \cdot (5 + 4) - (3 + 2) - 1)$
70469987	G	$-9 - (-87^* (6^5) \wedge 4 + 3 + 2 - 1)$	76236984	G	$9^* 8^* (7^6 \cdot (5 + 4) + 3 + 2 + 1)$
70469998	G	$-9 - (-87^* (6^5) \wedge 4 - 3^2 - 1)$	76237038	G	$(9^* 8^* 7^6 + 54) \cdot 3^2 \cdot 2^* 1$
70543738	G	$-9^* 8 - (-7^* (6^4 (5 + 4) - 3^2) - 1)$	76237200	P	$9^* 8^* (7^6 + 5 - 4) / (-3^4 - 2^* 1)$
70543743	G	$-98 + 7^6 \wedge (5 + 4) - 32 + 1$	76238784	G	$9^* 8^* (7^6 \cdot (5 + 4) + 32 - 1)$
70544031	G	$-9^* 8 + 7^* (6^4 (5 + 4) + 32 + 1)$	76238928	G	$9^* 8^* (7^6 \cdot (5 + 4) + 32 + 1)$
70544086	G	$-9 - 8 - 7^* (-6^4 (5 + 4) - 32 - 1)$	76242177	G	$(9^* 8^* 7^6 + 5^4) \cdot 3^2 \cdot 2^* 1$
70544102	G	$-9 + 8 + 7^* (6^4 (5 + 4) + 32 + 1)$	76249512	P	$9^* 8^* (7^6 + 5^4) / (-3^4 - 2^* 1)$
70579069	P	$-9 - (-8^* (7 + 6) + 5) \wedge 4 + 3) / 2 - 1$	76271544	G	$9^* 8^* (-7^6 - 54) / (-3^4 - 2^* 1)$
70579072	G	$-9 + ((8^* (7 + 6) + 5) \wedge 4 + 3) / 2 - 1$	76287176	G	$9^* (8^* 7^6 + 5^4) / 3^4 - 2 - 1$
71302819	P	$-9 + (-8 + 76) \cdot (-5 - 4^4 (3^2 + 1))$	76287178	G	$9^* (8^* 7^6 + 5^4) / 3^4 - 2 + 1$
71303126	G	$-9 + 8^7 \cdot (6^5 + 4) - 32 - 1$	76317688	G	$-9 + (8^* 7^* (6 - 54^3)) \wedge 2 + 1$
71303128	G	$-9 + 8^7 \cdot (6^5 + 4) - 32 + 1$	76562403	G	$-98 + (7^6 \cdot 5^4 / 3) \wedge 2 + 1$
71303482	G	$(9 + 8^7) \cdot (6^5 + 4) + 3^2 - 1$	76562429	G	$-9^* 8 + (7^6 \cdot 5^4 / 3) \wedge 2 + 1$
71614464	G	$(-9 + 876 \cdot 5) \cdot 4^4 (3^2 + 1)$	76582902	P	$-(-9 - 8^7 \cdot 6) + (5^4) \wedge (3^2) - 1$
71647416	G	$9^* 8^* ((-7 + 6^5 + 4) \cdot 32 - 1)$	76641551	G	$9^* 8^* (-7^6 - 5^4) / -3^4 - 2 - 1$
72351529	G	$-9 + (8^7 - 6) \cdot (5 + 4^3) / 2 + 1$	76641553	G	$9^* 8^* (-7^6 - 5^4) / -3^4 - 2 + 1$
72529390	G	$-9 + (8 + (7 + 6^5) \wedge 3) \cdot 2 + 1$	77058937	G	$9^8 - 7 + (6^4 - 5^4 / 3) \wedge 2 - 1$
72876022	G	$-9 + 8^7 \cdot ((6+5) / 4 + 32) - 1$	77070328	G	$-9 + 8^7 \cdot (6 - 5 / 4 + 32) + 1$
73172696	P	$-9 + (-8 + 7^6) \cdot (-5^4 + 3) + 2 + 1$	77103450	P	$-(-98^* (6 - 5^4 (4 + 3))) + 2 - 1$
73177677	P	$-(((9 + 8) \cdot 7) \wedge 6 \cdot (-5^4 + 3) + 2) + 1$	77759967	P	$(-9 - 87) / (-6^5) \wedge -4 - 32 - 1$
73182648	G	$-9 + (-8 - 7^6) \cdot (-5^4 + 3) + 2 + 1$	77759993	P	$(-9 - 87) \cdot (-6^5) \wedge -4 - 3^2 - 1$
73269248	P	$(-9 / -8 + 76 + 5) \cdot (-4^4 - (-3^2 - 1))$	77759996	P	$-((-9 - 87) \cdot (6^5) \wedge 4 + 3) - 2 + 1$

77854463	G	$-9 - (8 - (7 * (65 - 4))^{3+2}) - 1$	82573077	G	$-9^8 + (7 + (6 + 5^4)^3) / 2 - 1$
77854465	G	$-9 - (8 - (7 * (65 - 4))^{3+2}) + 1$	82778403	G	$9^8 * 7 + (6 - (5^4)^3)^2 - 1$
77854469	P	$-(9 + 8 * (7 * (-65 + 4))^{3+2}) + 1$	82837494	G	$-9 + 8^7 * (6^5 / 4 + 32) - 1$
77942564	P	$-(9 + 8)^7 + (-6 + 5^4(4^3))^2 - 1$	82874423	G	$9^8 * (8^7 + 6) + (5^4)^2(3^2) + 1$
77948618	G	$-9 - 8^*(7 + (6 + 5)^{(4+3)} / -2) - 1$	82881846	G	$-9 + ((8^*(7 + 6) + 5)^4)^3 - 2 + 1$
77948702	G	$-9 + 8^*(7 + (6 + 5)^{(4+3)}) / 2 - 1$	82881850	G	$-9 + ((8^*(7 + 6) + 5)^4)^3 + 2 + 1$
77948732	P	$-(9 - 8^*(7 + (6 + 5)^{(4+3)/2})) + 1$	82970403	G	$9^8 * 7 + (6 + (5^4)^3)^2 - 1$
78074847	P	$-9 - 8^*((-7 * 6 + 5)^4 + 3)^2 - 1$	83466486	G	$-9 + (8 / 7 * (6 + (-5^4)^3))^2 - 1$
78124656	P	$-(9 + 8^*(7 * 6 - 5^4(4 + 3^2))) + 1$	83886312	G	$-9 + (8^7 + 6)^5 / 4 * 32 + 1$
78125103	G	$-9 + 8^*(7 + 6 + 5^4(4 + 3^2) + 1)$	83888862	G	$(9^8 - 7^*(6 + 5^4)^3)^2 * 1$
78125591	G	$-9 - 8^*(-76 - 5^4(4 + 3^2) + 1)$	83889030	G	$(9^8 + 7^*(6 - 5^4)^3)^2 * 1$
78179883	G	$(987 + 6)^*(54^3 / 2 - 1)$	83906391	G	$-9^8 + (-7 - 6)^*(-5^4(4 + 3^2) + 1)$
78198713	P	$-((-9^8 + 7) + (65^4)^3 * 2 - 1)$	83906404	G	$-9^8 + (-7 - 6)^*(-5^4(4 + 3^2)^*1)$
78764795	G	$-9 + (8 - 76 + 5)^4 * (3 + 2) - 1$	84062192	G	$(9^8 - (7 + 6)^5 * 4^3)^2 * 1$
79066175	G	$-9 + 8^*(7^6 + 5^4(4 + 3^2) - 1)$	84203860	G	$(9^8 - 7 - 6^5 * 4^3)^2 * 1$
79235144	G	$-9 - (8^7 * 5^4 * 4^3)^2 + 1$	84203888	G	$(9^8 + 7 - 6^5 * 4^3)^2 * 1$
79686615	G	$(9^8 - 7 + 6^5(5 + 4))^3 / 2 * 1$	84272418	P	$-((-9 - 8) + (765^4 * 3)^2) + 1$
79686636	G	$(9^8 + 7 + 6^5(5 + 4))^3 / 2 * 1$	84272473	P	$-((-9^8 - (765^4 * 3)^2) + 1)$
79686637	G	$(9^8 + 7 + 6^5(5 + 4))^3 / 2 + 1$	84707182	P	$-98 - 7^6 * 5^4 - (4^3)^2 * 1$
79691298	G	$-98 - 76^*(5 - 4^3(2^2 + 1))$	84707208	P	$-9^8 - 7^6 * 5^4 - (4^3)^2 * 1$
79691538	G	$-9 + (-8^7 + 6)^*(5 - 43) - 2 + 1$	84707209	P	$-9^8 - 7^6 * 5^4 - (4^3)^2 + 1$
79692084	G	$-9^8 + 76^*(5 + 4^3(2^2 + 1))$	84707263	P	$-(9 + 8 - 7^6 * 5^4(4^3)^2)^*1$
79985266	P	$-9^8 - 7^*(65^4)^3 - 2 + 1$	84707264	P	$-(9 + 8 - 7^6 * 5^4(4^3)^2) + 1$
79985276	P	$-(9^8 - 7^*(65^4)^3 + 2) - 1$	84720093	P	$-(9^8 - 7^6 * 5^4 * 3^2)^*1$
79985282	P	$-(9^8 - 7^*(65^4)^3 - 2) + 1$	84916824	G	$(9^8 - 7^6 * 5^4 - 4^3)^2 * 1$
79985294	G	$-9^8 - 7^*((-65^4)^3 - 2) + 1$	84916866	G	$(9^8 - 7^6 * 5^4 - 43)^2 * 1$
80001311	G	$-9 + 8 / (7^6 - 6 / (54 + 32 - 1))$	84916938	G	$(9^8 - 7^6 * 5^4 - 3)^2 * 1$
80001329	G	$9 + 8 / (7^6 - 6 / (54 + 32 - 1))$	84916950	G	$(9^8 - 7^6 * 5^4 + 3)^2 * 1$
80198415	G	$9^*(8^*((7 + 6)^5 - 4)^3 - 2 + 1)$	84916954	G	$(9^8 - 7^6 * 5^4 + 3)^2 * 1$
80306130	P	$(9^8 * 7 - 6)^*(-54^3 - 2) - 1$	84916966	G	$(9^8 - 7^6 * 5^4 + 4 + 3)^2 * 1$
80327295	G	$9^*(-8^7 + (65^4 - 3) / 2^*1)$	84917038	G	$(9^8 - 7^6 * 5^4 + 3)^2 * 1$
80327322	G	$9^*(-8^7 + (65^4 + 3) / 2^*1)$	84917080	G	$(9^8 - 7^6 * 5^4 + 4^3)^2 * 1$
80328303	G	$9^*(8^7 + (65^4 - 3) / 2^*1)$	84999608	G	$(9^8 - 7^*(6 + 5^4(4 + 3)))^2 * 1$
80328330	G	$9^*(8^7 + (65^4 + 3) / 2^*1)$	84999776	G	$(9^8 + 7^*(6 - 5^4(4 + 3)))^2 * 1$
80621430	G	$-9 - 8^*(7 - (6^5(5 + 4) - 3^4)) - 1$	85049967	P	$(-98 - 7) / (-6^5)^4 - 4 - 32 - 1$
80706333	G	$98^*(7^6(6 + 5 - 4) - 3^2) + 1$	85049993	P	$(-98 - 7)^*(-6^5)^4 - 3^2 - 1$
80706921	G	$98^*(7^6(6 + 5 - 4) - 3) + 2 - 1$	85049996	P	$-((-98 - 7)^*(6^5)^4 + 3) - 2 + 1$
80707178	G	$(98^7 * 6 - 5)^*(4 + 3) - 2 + 1$	85155928	G	$(9^8 - 7 - 6^5 * 4^3)^2 * 1$
80707250	G	$(98^7 * 6 + 5)^*(4 + 3) + 2 - 1$	85155956	G	$(9^8 + 7 - 6^5 * 4^3)^2 * 1$
80942100	G	$(9 + (8^7 * 6 - 5)^4)^2 * 1$	85387548	G	$(9^8 - 7^6 * 5^4(5 - 4)^3)^2 * 1$
80942504	G	$-9 + 8 / (7^6 - 6 / (54 + 32)) + 1$	85424104	G	$(9^8 - (7 + 6^5)^4)^2 * 1$
80942960	G	$(9 + (8^7 * 6 + 5)^4)^2 * 1$	85425308	G	$(9^8 + (7 - 6^5)^4)^2 * 1$
81152184	G	$(9^8 - 7^6(6 + 5 - 4)^3)^2 * 1$	85440258	G	$(9^8 - 7^6 * 4^3(5 + 4 - 3))^2 * 1$
81540803	G	$-98 + (7^6 * 5^4)^2 + 1$	85771947	G	$-9 + (8 + 7^6)^*(5 + 4)^3 + 2 + 1$
81540827	G	$-9^8 + (7^6 * 5^4)^2 - 1$	85857058	G	$(9^8 - 7^6 - 543)^2 * 1$
81562490	G	$-9 + 87^6 * 5^4(4 + 3)^2 - 1$	85857714	G	$(9^8 - 7^6 - 5^4 * 43)^2 * 1$
81907437	P	$-9^8 - 7^*(-(65^4 - 32) - 1)$	85857820	G	$(9^8 - 7^6 - 54^3)^2 * 1$
81907592	P	$-9^8 - 7^*(-(65^4 - 3^2) + 1)$	85858006	G	$(9^8 - 7^6 - 5^4 * 4^3)^2 * 1$
81907611	P	$-9^8 - 7^*(-(65^4 - 3^2) - 1)$	85858026	G	$(9^8 - 7^6 + 5 - 4^3)^2 * 1$
81907618	P	$-9^8 - 7^*(-(65^4 - (3 + 2))) - 1$	85858030	G	$(9^8 - 7^6 - 54 - 3)^2 * 1$
81907619	P	$-9^8 - 7^*(-(65^4 - (3 + 2))) * 1$	85858042	G	$(9^8 - 7^6 - 54 + 3)^2 * 1$
81907636	G	$-9^8 - 7^*(-65^4 + 3) + 2 + 1$	85858048	G	$(9^8 - 7^6 - 5 - 43)^2 * 1$
81907660	P	$-(9^8 - 7 / 65^4 - 4 - 3^2)^*1$	85858068	G	$(9^8 - 7^6 + 5 - 43)^2 * 1$
81907685	P	$-(9^8 - 7^6 * 5^4) + 32 - 1$	85858098	G	$(9^8 - 7^6 - 5^4 * 3)^2 * 1$
81907687	P	$-(9^8 - 7^6 * 5^4) + 32 + 1$	85858110	G	$(9^8 - 7^6 - 5^4 * 4)^2 * 1$
81907688	P	$-9^8 - 7^*(-(65^4 + 3 + 2) - 1)$	85858120	G	$(9^8 - 7^6 - 5 - 4 - 3)^2 * 1$
81907695	P	$-9^8 - 7^*(-(65^4 + 3^2) - 1)$	85858130	G	$(9^8 - 7^6 + 5 - 4^3)^2 * 1$
81907718	P	$-9^8 - 7^*(-(65^4 + 3^2) + 1)$	85858132	G	$(9^8 - 7^6 - 5 - 4 + 3)^2 * 1$
81907878	G	$-9^8 - 7^*(-65^4 - 32^*1)$	85858140	G	$(9^8 - 7^6 + 5 - 4 - 3)^2 * 1$
81907885	G	$-9^8 - 7^*(-65^4 - 32 - 1)$	85858148	G	$(9^8 - 7^6 - 5 + 4 + 3)^2 * 1$
81999378	G	$(9^8 - (7 + 6)^5 * 4^3)^2 * 1$	85858152	G	$(9^8 - 7^6 + 5 - 4 + 3)^2 * 1$
82031240	P	$-(9 + 8) + 7^*(6^5 * 4^3(3 + 2)) + 1$	85858156	G	$(9^8 - 7^6 + 5 + 4 - 3)^2 * 1$
82031256	P	$-(9 - 8) + 7^*(6^5 * 4^3(3 + 2)) + 1$	85858158	G	$(9^8 - 7^6 - 5 + 4^3)^2 * 1$
82174338	G	$(9^8 - 7 / 6^5(5 - 4^3))^2 * 1$	85858168	G	$(9^8 - 7^6 + 5 + 4 + 3)^2 * 1$
82195156	G	$-9 - 87^6 * 5^4(3 - 2) + 1$	85858178	G	$(9^8 - 7^6 + 5^4 * 3)^2 * 1$
82196026	P	$-9 - 87^6 * (6^5 * 4^3 - 2) + 1$	85858190	G	$(9^8 - 7^6 + 5^4 + 3)^2 * 1$
82196374	G	$-9 + 87^6 * (6^5 * 4^3 + 2) + 1$	85858220	G	$(9^8 - 7^6 - 5 + 43)^2 * 1$
82301111	G	$-9^8 + (7 / 6^5(-5 + 4 - 3))^2 - 1$	85858240	G	$(9^8 - 7^6 + 5 + 43)^2 * 1$
82313208	G	$-9 + 8^7 * (6 + 5 / 4 + 32) + 1$	85858246	G	$(9^8 - 7^6 + 54 - 3)^2 * 1$
82573070	G	$-9^8 - (7 - (6 + 5^4)^3) / 2 - 1$	85858258	G	$(9^8 - 7^6 + 54 + 3)^2 * 1$

85858262	G	$(9^8-7^6-5+4^3)^*2^*1$	86089808	G	$(9^8-7^*65^*4+3)^*2^*1$
85858282	G	$(9^8-7^6+5+4^3)^*2^*1$	86090260	G	$(9^8-(7^*6-5)^*43)^*2^*1$
85858468	G	$(9^8-7^6+54^3)^*2^*1$	86090390	G	$(9^8-7^*654/3)^*2^*1$
85858574	G	$(9^8-7^6+5^*43)^*2^*1$	86090396	G	$(9^8-76^*5^*4-3)^*2^*1$
85859230	G	$(9^8-7^6+543)^*2^*1$	86090408	G	$(9^8-76^*5^*4+3)^*2^*1$
85888462	G	$(9^8-7^*(6+5)^4-3)^*2^*1$	86090706	G	$(9^8-76^*54/3)^*2^*1$
85888474	G	$(9^8-7^*(6+5)^4+3)^*2^*1$	86091464	G	$(9^8+(7-6^*5)^*43)^*2^*1$
85940356	G	$(9^8-76543)^*2^*1$	86091784	G	$(9^8-765-4^3)^*2^*1$
85973706	G	$(98-7)^*6^*(54^3-2-1)$	86091826	G	$(9^8-765-43)^*2^*1$
85985889	G	$-9+(8^7+65)^*(43-2)+1$	86091888	G	$(9^8-765-4^3)^*2^*1$
85992600	G	$(9^8-7^6(6-5+4)^3)^*2^*1$	86091894	G	$(9^8-(7+6+5)^*43)^*2^*1$
85998436	G	$(9^8-76^*5^4-3)^*2^*1$	86091898	G	$(9^8-765-4-3)^*2^*1$
85998448	G	$(9^8-76^*5^4+3)^*2^*1$	86091910	G	$(9^8-765-4+3)^*2^*1$
86010906	G	$(9^8-76^*543)^*2^*1$	86091914	G	$(9^8-765+4-3)^*2^*1$
86027652	G	$(9^8-765^*43)^*2^*1$	86091926	G	$(9^8-765+4+3)^*2^*1$
86031172	G	$(9^8-(7+6^5)^*4-3)^*2^*1$	86091936	G	$(9^8-765+4^3)^*2^*1$
86031184	G	$(9^8-(7+6^5)^*4+3)^*2^*1$	86091998	G	$(9^8-765+43)^*2^*1$
86031284	G	$(9^8+(7-6^5)^*4-3)^*2^*1$	86092032	G	$(9^8-(7+6)^*54-3)^*2^*1$
86031296	G	$(9^8+(7-6^5)^*4+3)^*2^*1$	86092034	G	$(9^8-76-5^4-3)^*2^*1$
86047518	G	$(9^8-7654^3)^*2^*1$	86092044	G	$(9^8-(7+6)^*54+3)^*2^*1$
86047830	G	$(9^8-7^*6^*543)^*2^*1$	86092046	G	$(9^8-76-5^4+3)^*2^*1$
86054312	G	$(9^8-7^*65^*43)^*2^*1$	86092102	G	$(9^8-7^*6-5^4-3)^*2^*1$
86060762	G	$(9^8-76^*5^*43)^*2^*1$	86092114	G	$(9^8-7-654-3)^*2^*1$
86075298	G	$(9^8-7^6^5(5-4+3))^*2^*1$	86092126	G	$(9^8-7-654+3)^*2^*1$
86077186	G	$(9^8-(7+6)^*5^4-3)^*2^*1$	86092142	G	$(9^8+7-654-3)^*2^*1$
86077198	G	$(9^8-(7+6)^*5^4+3)^*2^*1$	86092154	G	$(9^8+7-654+3)^*2^*1$
86077748	G	$(9^8-7-6^5-4^3)^*2^*1$	86092160	G	$(9^8-7-6-5^4-3)^*2^*1$
86077776	G	$(9^8-7-6^5-4^3)^*2^*1$	86092172	G	$(9^8-7-6-5^4+3)^*2^*1$
86077790	G	$(9^8-7-6^5-43)^*2^*1$	86092184	G	$(9^8-7+6-5^4-3)^*2^*1$
86077818	G	$(9^8+7-6^5-43)^*2^*1$	86092188	G	$(9^8+7-6-5^4-3)^*2^*1$
86077862	G	$(9^8-7-6^5-4-3)^*2^*1$	86092196	G	$(9^8-7+6-5^4+3)^*2^*1$
86077874	G	$(9^8-7-6^5-4+3)^*2^*1$	86092200	G	$(9^8+7-6-5^4+3)^*2^*1$
86077878	G	$(9^8-7-6^5+4-3)^*2^*1$	86092204	G	$(9^8-76-543)^*2^*1$
86077890	G	$(9^8+7-6^5-4-3)^*2^*1$	86092212	G	$(9^8+7+6-5^4-3)^*2^*1$
86077902	G	$(9^8+7-6^5-4+3)^*2^*1$	86092224	G	$(9^8+7+6-5^4+3)^*2^*1$
86077906	G	$(9^8+7-6^5+4-3)^*2^*1$	86092270	G	$(9^8+7^*6-5^4+3)^*2^*1$
86077918	G	$(9^8+7-6^5+4+3)^*2^*1$	86092282	G	$(9^8+7^*6-5^4+3)^*2^*1$
86077962	G	$(9^8-7-6^5+43)^*2^*1$	86092330	G	$(9^8-7-6-543)^*2^*1$
86077990	G	$(9^8+7-6^5+43)^*2^*1$	86092338	G	$(9^8+76-5^4-3)^*2^*1$
86078004	G	$(9^8-7-6^5+4^3)^*2^*1$	86092350	G	$(9^8+76-5^4+3)^*2^*1$
86078032	G	$(9^8+7-6^5+4^3)^*2^*1$	86092354	G	$(9^8-7+6-543)^*2^*1$
86078128	G	$(9^8-7654-3)^*2^*1$	86092358	G	$(9^8+7-6-543)^*2^*1$
86078140	G	$(9^8-7654+3)^*2^*1$	86092382	G	$(9^8+7+6-543)^*2^*1$
86079324	G	$(9^8-(7+6)^*543)^*2^*1$	86092404	G	$(9^8-7^*65-4^3)^*2^*1$
86080342	G	$(9^8-7-6543)^*2^*1$	86092482	G	$(9^8-7-(6+5)^*43)^*2^*1$
86080370	G	$(9^8+7-6543)^*2^*1$	86092508	G	$(9^8+76-543)^*2^*1$
86083152	G	$(9^8-7^*(6+(5+4)^3))^*2^*1$	86092510	G	$(9^8+7-(6+5)^*43)^*2^*1$
86083320	G	$(9^8+7^*(6-(5+4)^3))^*2^*1$	86092554	G	$(9^8-76^*5-4^3)^*2^*1$
86084602	G	$(9^8-7^*(6+5^4-3))^*2^*1$	86092596	G	$(9^8-76^*5-43)^*2^*1$
86084614	G	$(9^8-7^*(6+5^4+3))^*2^*1$	86092659	G	$(9^8-7^*65+4^3)^*2-1$
86084770	G	$(9^8+7^*(6-5^4-3))^*2^*1$	86092660	G	$(9^8-7^*65+4^3)^*2^*1$
86084782	G	$(9^8+7^*(6-5^4+3))^*2^*1$	86092662	G	$(9^8-(76+54)^3)^*(2^*1)$
86085228	G	$(9^8-76^*54-3)^*2^*1$	86092668	G	$(9^8-76^*5-4-3)^*2^*1$
86085240	G	$(9^8-76^*54+3)^*2^*1$	86092680	G	$(9^8-76^*5-4+3)^*2^*1$
86086476	G	$(9^8-(76+5)^*43)^*2^*1$	86092684	G	$(9^8-76^*5+4-3)^*2^*1$
86086912	G	$(9^8-7-6^*543)^*2^*1$	86092696	G	$(9^8-76^*5+4+3)^*2^*1$
86086940	G	$(9^8+7-6^*543)^*2^*1$	86092754	G	$(9^8-(7+6-5)^*43)^*2^*1$
86087250	G	$(9^8-(7+65)^*43)^*2^*1$	86092768	G	$(9^8-76^*5+43)^*2^*1$
86087316	G	$(9^8-765^*4-3)^*2^*1$	86092774	G	$(9^8-7-6^*54-3)^*2^*1$
86087328	G	$(9^8-765^*4+3)^*2^*1$	86092786	G	$(9^8-7-6^*54+3)^*2^*1$
86087336	G	$(9^8-(76-5)^*43)^*2^*1$	86092788	G	$(9^8-(76+5)^*4-3)^*2^*1$
86087838	G	$(9^8-7-65^*43)^*2^*1$	86092800	G	$(9^8-(76+5)^*4+3)^*2^*1$
86087866	G	$(9^8+7-65^*43)^*2^*1$	86092802	G	$(9^8+7-6^*54-3)^*2^*1$
86088454	G	$(9^8+(7-65)^*43)^*2^*1$	86092810	G	$(9^8-76^*5+4^3)^*2^*1$
86088900	G	$(9^8-7^*6^*54-3)^*2^*1$	86092814	G	$(9^8+7-6^*54+3)^*2^*1$
86088912	G	$(9^8-7^*6^*54+3)^*2^*1$	86092840	G	$(9^8-7^6(6-5)^*43)^*2^*1$
86089400	G	$(9^8-(7^*6+5)^*43)^*2^*1$	86092860	G	$(9^8-76-5^43)^*2^*1$
86089504	G	$(9^8-7-654^3)^*2^*1$	86092868	G	$(9^8-(76-5)^*4-3)^*2^*1$
86089532	G	$(9^8+7-654^3)^*2^*1$	86092872	G	$(9^8-(7+65)^*4+3)^*2^*1$
86089796	G	$(9^8-7^*65^*4-3)^*2^*1$	86092880	G	$(9^8-(76-5)^*4+3)^*2^*1$

86092902	G	$(9^8-7-65^4-3)^{*2*1}$	86093686	G	$(9^8-7+65+4^3)^{*2*1}$
86092914	G	$(9^8-7-65^4+3)^{*2*1}$	86093690	G	$(9^8+76+5+43)^{*2*1}$
86092928	G	$(9^8-7*6-5^43)^{*2*1}$	86093700	G	$(9^8+(7+6)^5+4^3)^{*2*1}$
86092942	G	$(9^8+7-65^4+3)^{*2*1}$	86093708	G	$(9^8+76+54+3)^{*2*1}$
86092972	G	$(9^8+(7-65)^4-3)^{*2*1}$	86093712	G	$(9^8+76-5+4^3)^{*2*1}$
86092984	G	$(9^8+(7-65)^4+3)^{*2*1}$	86093714	G	$(9^8+7+65+4^3)^{*2*1}$
86092986	G	$(9^8-7-6-5^43)^{*2*1}$	86093720	G	$(9^8-76+5^43)^{*2*1}$
86093008	G	$(9^8-7*6^5-4-3)^{*2*1}$	86093732	G	$(9^8+76+5+4^3)^{*2*1}$
86093020	G	$(9^8-7*6^5-4+3)^{*2*1}$	86093740	G	$(9^8-7-6+5^43)^{*2*1}$
86093036	G	$(9^8-7*6^5+4+3)^{*2*1}$	86093744	G	$(9^8+(7+6^5)^4+3)^{*2*1}$
86093038	G	$(9^8+7+6-5^43)^{*2*1}$	86093764	G	$(9^8-7+6+5^43)^{*2*1}$
86093060	G	$(9^8-(7^6+5)^4-3)^{*2*1}$	86093768	G	$(9^8+7-6+5^43)^{*2*1}$
86093072	G	$(9^8-(7^6+5)^4+3)^{*2*1}$	86093776	G	$(9^8+7*6^5-43)^{*2*1}$
86093092	G	$(9^8-7-6-5^43)^{*2*1}$	86093786	G	$(9^8-(7-6-5)^43)^{*2*1}$
86093096	G	$(9^8+7*6-5^43)^{*2*1}$	86093788	G	$(9^8-7*6+5^43)^{*2*1}$
86093098	G	$(9^8-(7-6-5)^43)^{*2*1}$	86093792	G	$(9^8+7+6+5^43)^{*2*1}$
86093108	G	$(9^8-7*6^5+43)^{*2*1}$	86093812	G	$(9^8+(7^6+5)^4-3)^{*2*1}$
86093116	G	$(9^8-7+6-5^43)^{*2*1}$	86093824	G	$(9^8+(7^6+5)^4+3)^{*2*1}$
86093120	G	$(9^8+7-6-5^43)^{*2*1}$	86093846	G	$(9^8-7-6+5^43)^{*2*1}$
86093140	G	$(9^8-(7^6-5)^4-3)^{*2*1}$	86093848	G	$(9^8+7*6^5-4-3)^{*2*1}$
86093144	G	$(9^8+7+6-5^43)^{*2*1}$	86093864	G	$(9^8+7*6^5+4-3)^{*2*1}$
86093152	G	$(9^8-76-5-4^3)^{*2*1}$	86093876	G	$(9^8+7*6^5+4+3)^{*2*1}$
86093164	G	$(9^8+76-5^43)^{*2*1}$	86093898	G	$(9^8+7+6+5^43)^{*2*1}$
86093170	G	$(9^8-7-65-4^3)^{*2*1}$	86093900	G	$(9^8-(7-65)^4-3)^{*2*1}$
86093172	G	$(9^8-76+5-4^3)^{*2*1}$	86093912	G	$(9^8-(7-65)^4+3)^{*2*1}$
86093176	G	$(9^8-76-54-3)^{*2*1}$	86093942	G	$(9^8-7+65^4-3)^{*2*1}$
86093184	G	$(9^8-(7+6)^5-4^3)^{*2*1}$	86093956	G	$(9^8+7*6+5^43)^{*2*1}$
86093194	G	$(9^8-76-5-43)^{*2*1}$	86093970	G	$(9^8+7+65^4-3)^{*2*1}$
86093198	G	$(9^8+7-65-4^3)^{*2*1}$	86093982	G	$(9^8+7+65^4+3)^{*2*1}$
86093212	G	$(9^8-7-65-43)^{*2*1}$	86094004	G	$(9^8+(76-5)^4-3)^{*2*1}$
86093214	G	$(9^8-76+5-43)^{*2*1}$	86094012	G	$(9^8+(7+65)^4-3)^{*2*1}$
86093220	G	$(9^8-7*6-5-4^3)^{*2*1}$	86094016	G	$(9^8+(76-5)^4+3)^{*2*1}$
86093226	G	$(9^8-(7+6)^5-43)^{*2*1}$	86094024	G	$(9^8+76+5^43)^{*2*1}$
86093262	G	$(9^8-7*6-5-43)^{*2*1}$	86094044	G	$(9^8+7^6(6-5)^43)^{*2*1}$
86093263	G	$(9^8-7*6-5-43)^{*2+1}$	86094070	G	$(9^8-7+6^5-4-3)^{*2*1}$
86093265	G	$(9^8-76-5-4-3)^{*2-1}$	86094071	G	$(9^8-7+6^5-4-3)^{*2+1}$
86093266	G	$(9^8-76-5-4-3)^{*2*1}$	86094074	G	$(9^8+76^5-4^3)^{*2*1}$
86093270	G	$(9^8+76-5^43)^{*2*1}$	86094082	G	$(9^8-7+6^5+4+3)^{*2*1}$
86093274	G	$(9^8-7-65-4^3)^{*2*1}$	86094084	G	$(9^8+(76+5)^4-3)^{*2*1}$
86093276	G	$(9^8-76+5-4^3)^{*2*1}$	86094096	G	$(9^8+(76+5)^4+3)^{*2*1}$
86093278	G	$(9^8-(76+5)^4+3)^{*2*1}$	86094098	G	$(9^8+7+6^5-4-3)^{*2*1}$
86093302	G	$(9^8+7-65-4^3)^{*2*1}$	86094110	G	$(9^8+7+6^5+4+3)^{*2*1}$
86093310	G	$(9^8+7-6^5-43)^{*2*1}$	86094116	G	$(9^8+76^5-43)^{*2*1}$
86093324	G	$(9^8-76+5^4-3)^{*2*1}$	86094130	G	$(9^8+(7+6-5)^43)^{*2*1}$
86093346	G	$(9^8-(7-6)^5-43)^{*2*1}$	86094188	G	$(9^8+76^5-4-3)^{*2*1}$
86093382	G	$(9^8-7-6-5^4+3)^{*2*1}$	86094200	G	$(9^8+76^5-4+3)^{*2*1}$
86093383	G	$(9^8-7-65+43)^{*2-1}$	86094204	G	$(9^8+76^5+4-3)^{*2*1}$
86093384	G	$(9^8-7-65+43)^{*2*1}$	86094216	G	$(9^8+76^5+4+3)^{*2*1}$
86093392	G	$(9^8-76+54-3)^{*2*1}$	86094222	G	$(9^8+(76+54)^3)^{*(2*1)}$
86093492	G	$(9^8+76-54+3)^{*2*1}$	86094224	G	$(9^8+7*65-4^3)^{*2*1}$
86093500	G	$(9^8+7+65-43)^{*2*1}$	86094225	G	$(9^8+7*65-4^3)^{*2+1}$
86093502	G	$(9^8+7+6+5^4-3)^{*2*1}$	86094288	G	$(9^8+76^5+43)^{*2*1}$
86093538	G	$(9^8^7(7-6)+5+43)^{*2*1}$	86094330	G	$(9^8+76^5+4^3)^{*2*1}$
86093560	G	$(9^8+76-5^4+3)^{*2*1}$	86094374	G	$(9^8-7+(6+5)^43)^{*2*1}$
86093562	G	$(9^8+7+65-4^3)^{*2*1}$	86094376	G	$(9^8-76+543)^{*2*1}$
86093574	G	$(9^8-7+6^5+43)^{*2*1}$	86094402	G	$(9^8+7+(6+5)^43)^{*2*1}$
86093602	G	$(9^8+76+5-4+3)^{*2*1}$	86094480	G	$(9^8+7*65+4^3)^{*2*1}$
86093606	G	$(9^8+76+5+4-3)^{*2*1}$	86094502	G	$(9^8-7-6+543)^{*2*1}$
86093610	G	$(9^8+7+65+4^3)^{*2*1}$	86094526	G	$(9^8-7+6+543)^{*2*1}$
86093614	G	$(9^8-76+5^4+3)^{*2*1}$	86094530	G	$(9^8+7-6+543)^{*2*1}$
86093616	G	$(9^8-7+6^5+4^3)^{*2*1}$	86094534	G	$(9^8-76+5^4-3)^{*2*1}$
86093618	G	$(9^8+76+5+4+3)^{*2*1}$	86094546	G	$(9^8-76+5^4+3)^{*2*1}$
86093619	G	$(9^8+76+5+4+3)^{*2+1}$	86094554	G	$(9^8+7+6+543)^{*2*1}$
86093621	G	$(9^8+7*6+5+43)^{*2-1}$	86094602	G	$(9^8-7*6+5^4-3)^{*2*1}$
86093622	G	$(9^8+7*6+5+43)^{*2*1}$	86094614	G	$(9^8-7*6+5^4+3)^{*2*1}$
86093658	G	$(9^8+(7+6)^5+43)^{*2*1}$	86094660	G	$(9^8-7-6+5^4-3)^{*2*1}$
86093664	G	$(9^8+7*6+5+4^3)^{*2*1}$	86094672	G	$(9^8-7-6+5^4+3)^{*2*1}$
86093665	G	$(9^8+7*6+5+4^3)^{*2+1}$	86094680	G	$(9^8+76+543)^{*2*1}$
86093670	G	$(9^8+76-5+43)^{*2*1}$	86094684	G	$(9^8-7+6+5^4-3)^{*2*1}$
86093672	G	$(9^8+7+65+43)^{*2*1}$	86094688	G	$(9^8+7-6+5^4-3)^{*2*1}$

86094696	G	$(9^8-7+6+5^4+3)^{*2*1}$	86109066	G	$(9^8-7+6^5+43)^{*2*1}$
86094700	G	$(9^8+7-6+5^4+3)^{*2*1}$	86109094	G	$(9^8+7+6^5+43)^{*2*1}$
86094712	G	$(9^8+7+6+5^4-3)^{*2*1}$	86109108	G	$(9^8-7+6^5+4^3)^{*2*1}$
86094724	G	$(9^8+7+6+5^4+3)^{*2*1}$	86109136	G	$(9^8+7+6^5+4^3)^{*2*1}$
86094730	G	$(9^8-7+654-3)^{*2*1}$	86109686	G	$(9^8+(7+6)^5+4-3)^{*2*1}$
86094742	G	$(9^8-7+654+3)^{*2*1}$	86109698	G	$(9^8+(7+6)^5+4+3)^{*2*1}$
86094758	G	$(9^8+7+654-3)^{*2*1}$	86111586	G	$(9^8+7^6+(5-4+3))^{*2*1}$
86094770	G	$(9^8+7+654+3)^{*2*1}$	86126122	G	$(9^8+76^5+43)^{*2*1}$
86094782	G	$(9^8+7^6+5^4+3)^{*2*1}$	86132572	G	$(9^8+7^6+5^4+3)^{*2*1}$
86094838	G	$(9^8+76+5^4-3)^{*2*1}$	86139054	G	$(9^8+7^6+5^4+3)^{*2*1}$
86094840	G	$(9^8+(7+6)^5+4-3)^{*2*1}$	86139366	G	$(9^8+7654^3)^{*2*1}$
86094850	G	$(9^8+76+5^4+3)^{*2*1}$	86155516	G	$-9+((-8-7)^6(6-5^4-3))^{*2+1}$
86094852	G	$(9^8+(7+6)^5+4+3)^{*2*1}$	86155588	G	$(9^8-(7-6^5)^4-3)^{*2*1}$
86094886	G	$(9^8+765-43)^{*2*1}$	86155600	G	$(9^8-(7-6^5)^4+3)^{*2*1}$
86094948	G	$(9^8+765-4^3)^{*2*1}$	86155700	G	$(9^8+(7+6^5)^4-3)^{*2*1}$
86094958	G	$(9^8+765-4-3)^{*2*1}$	86155712	G	$(9^8+(7+6^5)^4+3)^{*2*1}$
86094970	G	$(9^8+765-4+3)^{*2*1}$	86159232	G	$(9^8+765^4+3)^{*2*1}$
86094974	G	$(9^8+765+4-3)^{*2*1}$	86175978	G	$(9^8+76^5+43)^{*2*1}$
86094986	G	$(9^8+765+4+3)^{*2*1}$	86188436	G	$(9^8+76^5+4-3)^{*2*1}$
86094990	G	$(9^8+(7+6+5)^4+3)^{*2*1}$	86188448	G	$(9^8+76^5+4+3)^{*2*1}$
86094996	G	$(9^8+765+4^3)^{*2*1}$	86194284	G	$(9^8+7^6(6-5+4)^3)^{*2*1}$
86095058	G	$(9^8+765+43)^{*2*1}$	86246528	G	$(9^8+76543)^{*2*1}$
86095100	G	$(9^8+765+4^3)^{*2*1}$	86266936	G	$-9+((-8-7)^6(6-5^4+3))^{*2+1}$
86095420	G	$(9^8-(7-6^5)^4+3)^{*2*1}$	86298410	G	$(9^8+7^6(6+5)^4-3)^{*2*1}$
86096178	G	$(9^8+76^5+4/3)^{*2*1}$	86298422	G	$(9^8+7^6(6+5)^4+3)^{*2*1}$
86096476	G	$(9^8+76^5+4-3)^{*2*1}$	86327654	G	$(9^8+7^6-5+4+3)^{*2*1}$
86096488	G	$(9^8+76^5+4+3)^{*2*1}$	86328310	G	$(9^8+7^6-5+4+3)^{*2*1}$
86096494	G	$(9^8+7^6+54/3)^{*2*1}$	86328416	G	$(9^8+7^6-5+4+3)^{*2*1}$
86096624	G	$(9^8+(7^6-5)^4+3)^{*2*1}$	86328602	G	$(9^8+7^6-5-4+3)^{*2*1}$
86097076	G	$(9^8+7^6+5^4-3)^{*2*1}$	86328622	G	$(9^8+7^6+5-4+3)^{*2*1}$
86097088	G	$(9^8+7^6+5^4+3)^{*2*1}$	86328626	G	$(9^8+7^6-5+4-3)^{*2*1}$
86097352	G	$(9^8-7+654+3)^{*2*1}$	86328638	G	$(9^8+7^6-5+4+3)^{*2*1}$
86097380	G	$(9^8+7+654+3)^{*2*1}$	86328644	G	$(9^8+7^6-5-4+3)^{*2*1}$
86097484	G	$(9^8+(7^6+5)^4+3)^{*2*1}$	86328664	G	$(9^8+7^6+5-4+3)^{*2*1}$
86097972	G	$(9^8+7^6+5^4-3)^{*2*1}$	86328694	G	$(9^8+7^6-5+4-3)^{*2*1}$
86097984	G	$(9^8+7^6+5^4+3)^{*2*1}$	86328706	G	$(9^8+7^6-5-4+3)^{*2*1}$
86098430	G	$(9^8-(7-65)^4+3)^{*2*1}$	86328716	G	$(9^8+7^6-5-4-3)^{*2*1}$
86099018	G	$(9^8-7+65^4+3)^{*2*1}$	86328726	G	$(9^8+7^6+5-4+3)^{*2*1}$
86099046	G	$(9^8+7+65^4+3)^{*2*1}$	86328728	G	$(9^8+7^6-5-4+3)^{*2*1}$
86099548	G	$(9^8+(76-5)^4+3)^{*2*1}$	86328732	G	$(9^8+7^6-5+4+3)^{*2*1}$
86099556	G	$(9^8+765^4-3)^{*2*1}$	86328736	G	$(9^8+7^6+5-4-3)^{*2*1}$
86099568	G	$(9^8+765^4+3)^{*2*1}$	86328744	G	$(9^8+7^6-5+4+3)^{*2*1}$
86099634	G	$(9^8+(7+65)^4+3)^{*2*1}$	86328754	G	$(9^8+7^6-5+4+3)^{*2*1}$
86099944	G	$(9^8-7+6^5+43)^{*2*1}$	86328764	G	$(9^8+7^6+5+4+3)^{*2*1}$
86099972	G	$(9^8+7+6^5+43)^{*2*1}$	86328774	G	$(9^8+7^6+5+4-3)^{*2*1}$
86100408	G	$(9^8+(76+5)^4+3)^{*2*1}$	86328786	G	$(9^8+7^6+5^4+3)^{*2*1}$
86101644	G	$(9^8+76^5+4-3)^{*2*1}$	86328816	G	$(9^8+7^6-5+4+3)^{*2*1}$
86101656	G	$(9^8+76^5+4+3)^{*2*1}$	86328836	G	$(9^8+7^6+5+4+3)^{*2*1}$
86102102	G	$(9^8-7^6(6-5^4-3))^{*2*1}$	86328842	G	$(9^8+7^6+5+4-3)^{*2*1}$
86102114	G	$(9^8-7^6(6-5^4+3))^{*2*1}$	86328854	G	$(9^8+7^6+5+4+3)^{*2*1}$
86102270	G	$(9^8+7^6(6+5^4-3))^{*2*1}$	86328858	G	$(9^8+7^6-5+4+3)^{*2*1}$
86102282	G	$(9^8+7^6(6+5^4+3))^{*2*1}$	86328878	G	$(9^8+7^6+5+4+3)^{*2*1}$
86103564	G	$(9^8-7^6(6-(5+4)^3))^{*2*1}$	86329064	G	$(9^8+7^6+5+4+3)^{*2*1}$
86103732	G	$(9^8+7^6(6+(5+4)^3))^{*2*1}$	86329170	G	$(9^8+7^6+5^4+3)^{*2*1}$
86106514	G	$(9^8-7+654+3)^{*2*1}$	86329826	G	$(9^8+7^6+5+4+3)^{*2*1}$
86106542	G	$(9^8+7+654+3)^{*2*1}$	86487083	G	$(9-(8+7^6(-6+5+4))^3)^{*-2-1}$
86107560	G	$(9^8+(7+6)^5+4+3)^{*2*1}$	86487085	G	$(9-(8+7^6(-6+5+4))^3)^{*-2+1}$
86108744	G	$(9^8+7654-3)^{*2*1}$	86487119	G	$(9+(8+7^6(-6+5+4))^3)^{*-2-1}$
86108756	G	$(9^8+7654+3)^{*2*1}$	86487121	G	$(9+(8+7^6(-6+5+4))^3)^{*-2+1}$
86108852	G	$(9^8-7+6^5+4^3)^{*2*1}$	86746626	G	$(9^8+7^6(5+4-3))^{*2*1}$
86108880	G	$(9^8+7+6^5+4^3)^{*2*1}$	86761576	G	$(9^8-(7-6^5)^4+3)^{*2*1}$
86108894	G	$(9^8-7+6^5+4-3)^{*2*1}$	86762780	G	$(9^8+(7+6^5)^4+3)^{*2*1}$
86108922	G	$(9^8+7+6^5+4-3)^{*2*1}$	86799336	G	$(9^8+7^6(5-4)^3)^{*2*1}$
86108966	G	$(9^8-7+6^5+4-3)^{*2*1}$	87030928	G	$(9^8-7+6^5(4+3))^{*2*1}$
86108978	G	$(9^8-7+6^5+4+3)^{*2*1}$	87030956	G	$(9^8+7+6^5(4+3))^{*2*1}$
86108982	G	$(9^8-7+6^5+4-3)^{*2*1}$	87187108	G	$(9^8-7^6(6-5^4(4+3)))^{*2*1}$
86108994	G	$(9^8-7+6^5+4+3)^{*2*1}$	87187276	G	$(9^8+7^6(6+5^4(4+3)))^{*2*1}$
86109006	G	$(9^8+7+6^5+4+3)^{*2*1}$	87269804	G	$(9^8+7^6(5-4+3))^{*2*1}$
86109010	G	$(9^8+7+6^5+4-3)^{*2*1}$	87269846	G	$(9^8+7^6(5-4+3))^{*2*1}$
86109022	G	$(9^8+7+6^5+4+3)^{*2*1}$	87269918	G	$(9^8+7^6(5-4-3))^{*2*1}$

87269930	G	$(9^8+7^6*5-4+3)*2*1$	91223493	G	$-9-87*(6*5-4^(3^2+1))$
87269934	G	$(9^8+7^6*5+4-3)*2*1$	91353280	G	$-9^8-7*6*(-5^4)^(3+2)+1$
87269946	G	$(9^8+7^6*5+4+3)*2*1$	91353286	G	$-9^8-7*(6*(-5^4)^(3+2)-1)$
87270018	G	$(9^8+7^6*5+43)*2*1$	91353321	P	$-9^8-7*-6*((5^4)^-(-3-2)+1)$
87270060	G	$(9^8+7^6*5+4^3)*2*1$	91797156	G	$(-9+8^7)*(6+5^4(4+(3+2)))-1$
87386688	G	$(9-8-7)^6*(5^4*3-2)*1$	91902615	G	$-9+87*(6^5+4^(3^2+1))$
87499990	G	$-9-8*-7*(6*5^4/3)^2-1$	92232308	G	$98*((7^6-5)*4-3)*2*1$
87573312	G	$(9-8-7)^6*(5^4*3+2)*1$	92233484	G	$98*((7^6-5)*4+3)*2*1$
87642661	G	$-9^8+(7*6)^5-43^2-1$	92240148	G	$98*((7^6+5)*4-3)*2*1$
87643488	P	$-(9^8-(7*6)^5)-4^4(3+2)+1$	92241324	G	$98*((7^6+5)*4+3)*2*1$
87644383	G	$-9^8+(7*6)^5-4*(32*1)$	92504064	G	$(-9+87*65)*4^(3^2+1)$
87644447	G	$-9^8+(7*6)^5-4^3*(2-1)$	93363455	G	$-9^8+7*((6+5)^4(4+3)-2-1)$
87644468	G	$-9^8+(7*6)^5-43^2(2-1)$	93363461	P	$-9^8+7*-((6+5)^4(4+3)+2)-1$
87644475	G	$-9^8+(7*6)^5-4*3^2(2*1)$	93363469	G	$-9^8+7*((6+5)^4(4+3)-2+1)$
87644478	P	$-(9^8-(7*6)^5+4^3/2)-1$	93363473	G	$-9^8+7*(6+5)^(4+3)-2-1$
87644483	G	$-9^8+(7*6)^5+4-(32*1)$	93363475	G	$-9^8+7*(6+5)^(4+3)-2+1$
87644487	G	$-9^8+(7*6)^5-4*(3+2+1)$	93363477	G	$-9^8+7*(6+5)^(4+3)+2-1$
87644499	G	$-9^8+(7*6)^5-4*3^2(2-1)$	93363489	G	$-9^8+7*((6+5)^4(4+3)+2)-1$
87644504	P	$-9^8+(-((7*6)^5-4)+3)*(-2+1)$	93363497	G	$-9^8+7*((6+5)^4(4+3)+2+1)$
87644516	G	$-9^8+(7*6)^5+4+3/(2+1)$	93749934	P	$-9-8*(7-6/5)^-((-4-3)+2))-1$
87644520	G	$-9^8-(-7*6)^5+4+3+2*1$	94355469	G	$9*((8^7+6)*5-43^2*1)$
87644525	G	$-9^8+(7*6)^5+4+3^2+1$	94371439	G	$(9*8^7+6)*5-432+1$
87644531	P	$-(9^8-(7*6)^5-4*(3+2))*1$	94372253	G	$9*(8^7+6)*5+(4*3)^2-1$
87644544	P	$-(9^8-(7*6)^5-4^3/2)+1$	94373418	G	$9*(8^7-6)*5+43^2-1$
87644554	G	$-9^8+(7*6)^5+43^2(2-1)$	94373658	P	$-((9*-8^7+6)*5-43^2)-1$
87644640	G	$-9^8+(7*6)^5+4^3*2+1$	94373958	G	$9*(8^7+6)*5+43^2-1$
87645536	P	$-(9^8-(7*6)^5)+4^4(3+2)+1$	94374757	G	$-9+(8^7+65)*4(3+2)+1$
87646360	G	$-9^8+(7*6)^5+43^2(2*1)$	94375665	G	$-9*(-8^7+6)*5+4^4(3^2)-1$
87871886	G	$9+((8+7*6*5)^4*3)^2+1$	94478392	G	$-9+((-8-7)^6*5/(4*3))^2+1$
87982996	G	$(9^8-7+6*5^4)^3*2*1$	94633974	G	$-9+((87+65)/4^4-3)^2-1$
87983024	G	$(9^8+7+6*5^4)^3*2*1$	94873670	G	$-9+(8-7+65)^4*(3+2)-1$
88080339	G	$-9+((8^7*6-5)*(4+3)-2+1)$	94999990	G	$-9+8*76*5^4(4+3)*2-1$
88080417	G	$-9+(8^7+6-5)*(43-2+1)$	95048951	G	$-9-(8-(7+6)^5)*4^4(3+2-1)$
88124692	G	$(9^8+7+6)*5^4(4+3)*2*1$	95049974	P	$-(9+8*(-(7+6)^5+4*32))-1$
88229382	G	$9*-8^7+65^4*3^2*1$	95050872	G	$-9+(8*(7+6)^5-4)*32+1$
88297854	G	$(9^8-7*(6-5^4)^3)*2*1$	95736879	G	$-9-8*(-76*(5^4*3-2)+1)$
88298022	G	$(9^8+7*(6+5^4)^3)*2*1$	95736888	G	$-9-8*-76*(5^4*3-2)+1$
88406967	G	$-9+(8^7+6^5)*(43-(2-1))$	95738088	P	$-9-8*(76/54^4-3-2)+1$
88510460	G	$9*(8^7/(6-5))^4-(3+2-1)$	96390033	G	$(-9-8)*-7/(6*5)^4-4+32+1$
88772577	G	$(9^8-7^6*5^4*3)/(-2*1)$	96469258	G	$-9+(8^7+6)*5(5^4+3)*2-1$
88830001	G	$987*(6*5)^4*3^2-2+1$	96767878	G	$-9-8*7*((6*-5^4)^3+2)-1$
89253061	P	$-(98+(-7-65^4)*(3+2))-1$	96768102	G	$-9-8*-7*((6*5^4)^3+2)-1$
89253550	P	$-(9-(87+65^4)*(3+2))-1$	96816418	G	$-9^8+7+65^4*3/2*1$
89529436	G	$-9+((8+7)*(6+5^4)-3)^2+1$	96816419	G	$-9^8+7+65^4*3/2+1$
89643016	G	$-9+((8+7)*(6+5^4)+3)^2+1$	96854940	G	$((9^8-76)-5)/(4*3^4-2*1)$
89965217	G	$-9+(8+(7+6)*(5+4)^3)^2+1$	96854976	G	$(9^8+(-7-6)*5)/(-4*(-3^4-2*1))$
90012546	G	$(9^8+7/6^5(5-4*3))^2*1$	96855174	P	$(-9^8+7-6*5)/(-4*3^4-2*1)$
90177571	G	$-9-(-8^7-(6-5))^4*3+2-1$	97494670	G	$-98+7*(6*(-5^4+3))^2*1$
90177573	G	$-9-(-8^7-(6-5))^4*3+2+1$	97494744	P	$-(9+8)+7*((6*(-5^4+3))^2-1)$
90187506	G	$(9^8+7+6)*5^4*3*2*1$	97494760	P	$-(9-8)+7*((6*(-5^4+3))^2-1)$
90531886	G	$-9+8*((7-65)^4-3^2)-1$	97968442	G	$(9^8+76*5^4(4+3))^2*1$
90692216	G	$(9*87-6^5(5+4))^*-3^2-1$	98018493	G	$9*8-((7*6)^5/-4*3+2+1)$
90692217	G	$(9*87-6^5(5+4))^*-3^2*1$	98018495	G	$9*8-((7*6)^5/-4*3+2-1)$
90693089	G	$(98*7-6^5(5+4))^*-3^2-1$	98040974	G	$-9^8-7*((-6^5(5+4)+3)^2+1)$
90693090	G	$(98*7-6^5(5+4))^*-3^2*1$	98040982	G	$-9^8-7*(-6^5(5+4)+3)^2+1$
90698435	G	$-9*(87-6^5(5+4)+3+2)-1$	98041018	G	$-9^8-(-7*6^5(5+4)+3)^2+1$
90698448	P	$-(9*(87-6^5(5+4))+32)-1$	98041030	G	$-9^8+7*(6^5(5+4)+3)^2+1$
90698527	G	$-9*(87-6^5(5+4)-3-2)+1$	98041058	P	$-9^8-7*(-6^5(5+4)+3)^2+1)$
90698552	P	$(9*8+7-6^5-(-5-4))/(-3^4-2-1)$	98041846	G	$-9+8^7*(65/4*3^2)-1$
90698714	P	$9*(-(8*7-6^5(5+4))-3-2)-1$	98566136	G	$-9-8^7*(6-(5+4*3^2))+1$
90698736	G	$-9*(8*7-6^5(5+4)+3)+2+1$	98799528	G	$(9^8+7^6*5^4-3)*2*1$
90698750	P	$-9-(8*7-6^5-(-5-4))^3*2-1$	98799540	G	$(9^8+7^6*5^4+3)*2*1$
90698755	G	$9*(-8*7+6^5(5+4))-3^2+1$	99069256	G	$-9+8*7*6*5^4*3^2+1$
90720040	P	$-9-8*-7*(6*5^4+3)*2+1$	99384744	P	$-(9+8)+7*((6*(5^4+3))^2-1)$
90876574	G	$-9-(8^7*6-65+4)/3^2-1$	99384760	P	$-(9-8)+7*((6*(5^4+3))^2-1)$
91034700	G	$(9^8+7^6(6+5-4)*3)^2*1$	99614622	G	$-98+76*5*4^4(3^2*1)$
91124956	P	$-9+((-8+7)^6+5)*-4+3)^2-1$	99614703	G	$-9-8+76*5*4^4(3^2*1)$
91125036	P	$-9+(((8+7)^6+5)*4+3)^2-1$	99758223	G	$-9^8+(-7+65^4)*3^2(2-1)$
91171008	G	$-9^8+(7+6-5)^4(4+3+2)+1$	99939999	P	$-9+(-(-8-7)+6+5)^4(4+3)^2-1$
91220448	G	$-9-87*(65-4^4(3^2+1))$	100059999	P	$-9+((-8-7)+6+5)^4(4+3)^2-1$

100122624	G	$(-9+8*765)*4^{(3*2+1)}$	106955070	G	$9+(8^7+6)*(54-3)+2+1$
100442344	G	$(9^8*7-6)^{(5-4)}/3-2-1$	106998326	P	$-9+(8*(-(7-(6-5))^{4+3}))^{2-1}$
100546914	G	$(9^8+76-5^{(4*3)})/(-2*1)$	107046644	P	$-(-9^8+76)+(5*4)^{(3*2)-1}$
100546931	G	$(9^8+7*6-5^{(4*3)})/(-2*1)$	107102763	G	$-987+65^4*3*2*1$
100546973	G	$(9^8-7*6-5^{(4*3)})/(-2*1)$	107102967	G	$9*-87+65^4*3*2*1$
100546990	G	$(9^8-76-5^{(4*3)})/(-2*1)$	107103064	G	$98*-7+65^4*3*2*1$
100590319	P	$-(9+8)+7*6^5*(43^2-1)$	107103406	G	$-9+(8^7-65^4)*-3*2+1$
100590337	G	$(9-8)+7*6^5*(43^2-1)$	107103654	G	$-9-87+65^4*3*2*1$
100644758	P	$-(9+8)+7*(6^5*43^2+1)$	107103671	G	$9*-8-7+65^4*(3+2+1)$
100644774	P	$-(9-8)+7*(6^5*43^2+1)$	107103736	G	$-98/7+65^4*(3+2+1)$
100657056	G	$(-9-87)*(65-4^{(3^2+1)})$	107103828	G	$-9+87+65^4*(3+2+1)$
100662874	G	$(9-8^7)*(6-54)+3^2+1$	107171867	G	$-9-(8-7*(65+4))^{3+2-1}$
100662897	G	$(9-8^7)*(6-54)+32+1$	107494436	G	$-987+(6^5*4/3)^2-1$
100663246	G	$-9+(8^7*6-5)/4*32-1$	107495304	G	$(-9-8)^7+(6^5*4/3)^2-1$
100663254	G	$-9-8^7*(6-54)-32-1$	107495332	G	$-98+7+(6^5*4/3)^2-1$
100713991	G	$-9+(-8-7*6^5)*(-43^2-1)$	107495392	P	$(9*8)^{(-7-6)+5}*4-32*1$
100776177	P	$-9*87-6^4-(-5-4)*(-3^2-1)$	107495558	G	$9*(8+7)+(6^5*4/3)^2-1$
100776274	P	$-98*7-6^4-(-5-4)*(-3^2-1)$	107495927	G	$9*8^7+(6^5*4/3)^2-1$
100776869	P	$(-9-(8-7))*-(6^4(5+4)-3^2)-1$	107616780	G	$(9^8^7(7-6)^5-43)/2-1$
100777821	G	$-9+(87+6^4(5+4))*3^2+1$	107616825	G	$(9^8^7(7-6)^5+543)/2+1$
101187574	G	$-9+8^7*(65/4+32)-1$	107661368	G	$-9+(8*(7-6*-5^4*3))^2+1$
101190953	G	$-9^8+7^6*((5*(4+3))^2+1)$	107993654	G	$-9+(8*((7-(6-5))^{4+3}))^{2-1}$
101606392	G	$-9+(8^7*(6-54)^3)^2+1$	108001629	G	$(9+8)^7*(7^6*54-3^2)*1$
101640470	P	$-(-9^8+7)-6*(-5^4(4+3^2)-1)$	108001935	G	$(9+8)^7*(7^6*54+3^2)*1$
101644272	G	$9*8*(7^6-5)^4*3-2*1$	108538622	G	$-9^8+(7^6*54^3)^2-1$
101644560	G	$9*8*(7^6-5)^4*3+2*1$	109200893	G	$-9+8^7+65^4*3*2*1$
101647771	G	$((9-8^7*6)^5-54+3)^2+1$	109375326	P	$-9-8^7*(-(6+5^4(-3-2)))^{2-1}$
101648748	G	$(9+8^7*6^5*54-3)^2*1$	109375383	G	$-9+8^7*(6+5^4(4+3+2)+1)$
101648751	G	$9+(8^7*6^5*54+3)^2*1$	109592566	G	$-9+8^7+(6^5*4/3)^2-1$
101648760	G	$(9+8^7*6^5*54+3)^2*1$	110027970	G	$(9^8+76^5*4^3)^2*1$
101652912	G	$9*8*(7^6+5)^4*3-2*1$	110081022	G	$(9^8-7^6*54)^3*2-1$
101653200	G	$9*8*(7^6+5)^4*3+2*1$	110081024	G	$(9^8-7^6*54)^3*2+1$
101848396	P	$9*(-(8-(7-65)^4)+3+2-1)$	110093655	G	$(-98-7)*(65-4^4(3^2+1))$
101977623	P	$9^4-((8-7)+6)^5(54^3-1)$	110295920	G	$(9+(8-7^6*5^4)^3)/-2-1$
102379416	G	$-9+(8^7-6^5)*(4+3)^2+1$	110295922	G	$(9+(8-7^6*5^4)^3)/-2+1$
102512799	G	$9*((8+7)^6-5^4(4+3))/(2*1))$	110295953	G	$(9+(8-7^6*5^4)^3)/2-1$
102514369	G	$9*(8+7)^6-5^4(4+3)^2*1$	110295955	G	$(9+(8-7^6*5^4)^3)/2+1$
102514381	G	$9*(8+7)^6-5^4(4-3)^2*1$	110502136	G	$-9+(876*(-5-4-3))^2+1$
102516603	P	$9*(-(8+7)^6+5)+4^4-(-3-2)-1$	111071161	P	$-(-9^8+7)+(6^5*4)^3*2-1$
102516869	G	$9*(8+7)^6+(5^4-3)^2*1$	111921472	G	$(9^8-7+6)/5/(4+3^2)*1$
102516881	G	$9*(8+7)^6+(5^4+3)^2*1$	112678569	G	$-9-(8-(7*(65+4))^{3+2})+1$
102517428	P	$9*(-(8-7)^6+5)+43^2-1$	113195574	G	$9*(8^7*6-5^4*3^2-1)$
102518451	G	$9*((8+7)^6+(5^4+3))/(2*1))$	113195592	G	$9*(8^7*6-5^4*3^2+1)$
102757254	P	$-9-(8^7-65)*(4+3)^2*1$	113236962	G	$9*8^7*6-5^4*3^2-1$
102757255	P	$-9-(8^7-65)*(4+3)^2+1$	113243382	G	$9*(8^7*6+(5^4+3)/(-2*1))$
102760391	G	$-9+((8^7-6)+5)^4(4+3)^2+1$	113245407	G	$(-9-(8^7+6))^5*4+3^2*1$
103161699	G	$-9+(8^7+6)^5*4^3-2+1$	113245752	P	$9*(-(8^7*6-6+54)+3)+2+1$
103612031	G	$-9+(8^7*(-6^5*4+3))^2-1$	113248101	P	$-(-9*(8^7*6+5)-43^2)-1$
103761972	G	$(98*(7^6-5)-4)^3*2*1$	113249034	G	$9*(8^7*6+(5^4+3)/(2*1))$
103762044	G	$(98*(7^6-5)+4)^3*2*1$	113262207	G	$9*8^7*6+(5^4)^3*2-1$
103765536	G	$98*(7^6-5+4)^3*2*1$	113272451	G	$9*8^7*6+(54^3)^2-1$
103765932	G	$(98*7^6-54)^3*2*1$	113292432	G	$9*8^7*6+(5^4*3)^2-1$
103766337	G	$(98*7^6-5-4)^3*2*1$	113296824	G	$9*(8^7*6-5^4*-3^2-1)$
103766374	G	$(98*7^6-5)^4(4+3)+1$	113296842	G	$9*(8^7*6-5^4*-3^2+1)$
103766449	G	$98*7^6*(5+4)+32-1$	113640593	G	$9*8^7*6+(5^4+3)^2+1$
103766462	G	$(98*7^6+5)^4(4+3+2)-1$	113906156	P	$-9-((8+7)^6*5-43)^2+1$
103766904	G	$(98*7^6+54)^3*2*1$	114259812	G	$(9*(8-7))^6*5^4*3-2-1$
103767300	G	$98*(7^6+5-4)^3*2*1$	114259814	G	$(9*(8-7))^6*5^4*3+2+1$
103770792	G	$(98*(7^6+5)-4)^3*2*1$	114511391	G	$-9+(8^7*(6^5*4+3))^2-1$
103770864	G	$(98*(7^6+5)+4)^3*2*1$	114610452	G	$-9+(8+(7+6-5^4)^3)/-2+1$
103961721	G	$-9^8+(7^6+5-4)^3(3+2)-1$	114981191	G	$-9-8^7*(-7+6^5)*(-43^2-1)$
104014524	P	$-9^8+(7^6*-5^4+3)^2+1$	115287592	G	$98*(7^6*5-43)^2*1$
104609487	G	$-9^8-7*-6*(5^4*3)^2-1$	115293668	G	$98*(7^6*5-4^3)^2*1$
104609528	G	$-9^8-7*-6*(5^4*3)^2-1$	115295969	G	$(98*7^6-5)^4(4+3^2)-1$
104609536	G	$-9^8-7*(-6*(5^4*3)^2-1)$	115295995	G	$(98*7^6*5-4^3)^2-1$
105006589	G	$-9-8^7+65^4*3*2*1$	115295996	G	$(98*7^6*5-4^3)^2*1$
105021496	G	$-9+(8^7*(-65+4)^3)^2+1$	115296044	G	$(98*7^6*5+4^3)^2*1$
105349688	G	$-9+(8*(7-6^5*43))^2+1$	115296045	G	$(98*7^6*5+4^3)^2+1$
106954436	G	$-9+(-8^7+6)*(-54+3)-2+1$	115296071	G	$(98*7^6+5)^4(4+3^2)+1$
106955048	P	$-9-(8^7+6)*(54-3)^2-2+1$	115298372	G	$98*(7^6*5+4^3)^2*1$

115304448	G	$98*(7^6*5+43)*2^*1$	124954285	P	$-(98-7/65^{\wedge}-4-3^{\wedge}2)-1$
115316119	G	$9*(8*((7+6)*(5+4))^{\wedge}3-2)+1$	125496838	G	$(98-(7+6)^{\wedge}(-5+4*3))^*_{-2}2^*1$
115343331	G	$-9-((8^{\wedge}7*(-6-5)+4)*(3+2)^*1)$	125497000	G	$(9+8-(7+6)^{\wedge}(-5-4*-3))^*_{-2}2^*1$
115856325	P	$-(9-8*7+6)^{\wedge}5+4*(32-1)$	125497032	P	$-(9-8-(7+6)^{\wedge}(-5-4*-3))^*2^*1$
116960032	G	$-9^{\wedge}8+(76*(5+4))^{\wedge}3/2+1$	125497036	G	$(9-8+(7+6)^{\wedge}(-5-4*-3))^*2^*1$
117180624	G	$(9+(8*(-7-6))^{\wedge}(-5-(-4-3)))^{\wedge}2-1$	125497068	G	$(9+8+(7+6)^{\wedge}(-5+4*3))^*2^*1$
117180626	G	$(9+(8*(-7-6))^{\wedge}(-5-(-4-3)))^{\wedge}2+1$	125497230	G	$(98+(7+6)^{\wedge}(-5+4*3))^*2^*1$
117351856	G	$-9^{\wedge}8+(7+6)^{\wedge}5*432+1$	125619700	G	$-98+(7+(6+5^{\wedge}4)^{\wedge}3)/2-1$
117608897	G	$-9^{\wedge}8-7+65^{\wedge}4*3^{\wedge}2^*1$	125619774	G	$-9-8-(7-(6+5^{\wedge}4)^{\wedge}3)/2-1$
117608911	G	$-9^{\wedge}8+7+65^{\wedge}4*3^{\wedge}2^*1$	125619781	G	$-9-8+(7+(6+5^{\wedge}4)^{\wedge}3)/2-1$
117608967	G	$-9^{\wedge}8+(7+65^{\wedge}4)/(3^{\wedge}-2^*1)$	125619829	G	$-9+(87+(6+5^{\wedge}4)^{\wedge}3)/2-1$
118378507	G	$(9^{\wedge}8+7)*(6+5)/4+3+2^*1$	125828757	G	$9*(-8^{\wedge}7+6)*5*-4/3-2-1$
118378508	G	$(9^{\wedge}8+7)*(6+5)/4+3+2+1$	125828763	G	$9*(-8^{\wedge}7+6)*5*-4/3+2+1$
118588234	G	$-98+(7-(6-5^{\wedge}4)^{\wedge}3)/2-1$	125829470	G	$(-9+(8^{\wedge}7+6)*54)*(3^{\wedge}-2+1)$
118588308	G	$-9-8-(7+(6-5^{\wedge}4)^{\wedge}3)/2-1$	125829477	G	$9*(8^{\wedge}7+6)*5*4/3-2-1$
118588315	G	$-9-8+(7-(6-5^{\wedge}4)^{\wedge}3)/2-1$	125829483	G	$9*(8^{\wedge}7+6)*5*4/3+2+1$
118590121	G	$(9*8*7^{\wedge}6-5)*(4*3+2)-1$	125910833	G	$-9+(8-(-7-6*-5^{\wedge}4)*3)^{\wedge}2+1$
118949888	G	$98*((7/(6^{\wedge}5-4^{\wedge}3))^{\wedge}-2^*1)$	125927279	G	$-9^{\wedge}8+(7*(-6+5^{\wedge}4)*3)^{\wedge}2-1$
119042760	G	$-9-(8-7*((6*54)^{\wedge}3/2-1))$	126270161	G	$-9+(8+(-7-6*-5^{\wedge}4)*3)^{\wedge}2+1$
119275422	G	$-98+7*65*4^{\wedge}(3^{\wedge}2^*1)$	126494999	G	$-9+((-8+7-6*-5^{\wedge}4)^{\wedge}3)^{\wedge}2-1$
119275503	G	$-9-8+7*65*4^{\wedge}(3^{\wedge}2^*1)$	126561716	G	$-9*87+(6*5^{\wedge}4*3)^{\wedge}2-1$
119333768	G	$-9+(((8/(7-6))^{\wedge}5+4)/3)^{\wedge}2+1$	126561813	G	$-98*7+(6*5^{\wedge}4*3)^{\wedge}2-1$
119598578	G	$98/(7/(6^{\wedge}5-43))^{\wedge}2^*1$	126562364	G	$-9*(8+7)+(6/5^{\wedge}-4*3)^{\wedge}2-1$
119714264	G	$(9^{\wedge}8-7^{\wedge}(6+5-4+3))/(-2^*1)$	126562487	P	$-(98/7-(6*5^{\wedge}4*3)^{\wedge}2)+1$
119876169	G	$-9+(8-7^{\wedge}6)*(5-4^{\wedge}(3+2))-1$	126562618	G	$(-9-8)*-7+(6*5^{\wedge}4*3)^{\wedge}2-1$
119892473	P	$-9+(-8-7^{\wedge}6)*5-4^{\wedge}(-3-2))-1$	126562634	G	$9*(8+7)+(6/5^{\wedge}-4*3)^{\wedge}2-1$
120367103	G	$(-98+7^{\wedge}6-5)*4^{\wedge}(3+2)-1$	126629999	G	$-9+((8-7+6*5^{\wedge}4)*3)^{\wedge}2-1$
120471647	P	$-(9-(8*7^{\wedge}6-5)*4)*32-1$	126720786	G	$-9^{\wedge}8+7^{\wedge}6*((5-43)^{\wedge}2-1)$
120471649	P	$-(9-(8*7^{\wedge}6-5)*4)*32+1$	126765586	G	$9*(8*7+(-6/5^{\wedge}-4-3)^{\wedge}2)+1$
120471944	G	$9+(8*7^{\wedge}6-5)*4*32-1$	126838435	G	$-9^{\wedge}8+7^{\wedge}6*(5-43)^{\wedge}(2*1)$
120471946	G	$9+(8*7^{\wedge}6-5)*4*32+1$	126855161	G	$-9+(8-(7+6*5^{\wedge}4)*3)^{\wedge}2+1$
120472223	G	$(9+(8*7^{\wedge}6-5)*4)*32-1$	126953040	G	$-98+(7+6)*5^{\wedge}(4+3*2)+1$
120472225	G	$(9+(8*7^{\wedge}6-5)*4)*32+1$	126953052	G	$-9*8+((7+6)*5^{\wedge}(4*3-2))-1$
120472927	P	$-(9-(8*7^{\wedge}6+5)*4)*32-1$	126953109	G	$-9-(8+(-7-6)*5^{\wedge}(4*3-2))+1$
120472929	P	$-(9-(8*7^{\wedge}6+5)*4)*32+1$	126953121	P	$-(9+8)+(-7-6)*(-5^{\wedge}(4+3*2))-1$
120473503	G	$(9+(8*7^{\wedge}6+5)*4)*32-1$	126953137	P	$-(9-8)+(-7-6)*(-5^{\wedge}(4+3*2))-1$
120473505	G	$(9+(8*7^{\wedge}6+5)*4)*32+1$	127053278	G	$-9^{\wedge}8-7*(-6*5)^{\wedge}(4+3-2)-1$
120491703	G	$9/8*(-7+65^{\wedge}4*3)*2^*1$	127053286	G	$-9^{\wedge}8-7*((-6*5)^{\wedge}(-4+3^{\wedge}2))-1$
120584075	P	$(-9+8-(-7^{\wedge}6+5))*(-4^{\wedge}(3+2))-1$	127058355	G	$-9+(8-(76-5)^{\wedge}4)*(-3-2)-1$
121052579	G	$-9-(8-7^{\wedge}6)*(5+4^{\wedge}(3+2))-1$	127059912	G	$9*8*((7^{\wedge}6*5-4)*3-2)^*1$
121069043	P	$-9+(-8-7^{\wedge}6)*(-5+4^{\wedge}(-3-2))-1$	127060200	G	$9*8*((7^{\wedge}6*5-4)*3+2)^*1$
121093740	P	$-(9-(8*7+6)*5^{\wedge}(4+3+2))-1$	127060905	G	$(9*8*7^{\wedge}6*5-4)*3-2-1$
121139192	P	$-(9-8)-7*(-(65/4^{\wedge}-3)^{\wedge}2+1)$	127060907	G	$(9*8*7^{\wedge}6*5-4)*3-2+1$
121139210	P	$-(9-8)-7*(-(65*4^{\wedge}3)^{\wedge}2+1)$	127060909	G	$(9*8*7^{\wedge}6*5-4)*3+2-1$
121139271	G	$9*8-(-7*(65/4^{\wedge}-3)^{\wedge}2+1)$	127060911	G	$(9*8*7^{\wedge}6*5-4)*3+2+1$
121160960	P	$(-9-(8-7^{\wedge}6))*(-5-4^{\wedge}(-3-2))-1$	127060929	G	$(9*8*7^{\wedge}6*5+4)*3-2-1$
121186701	P	$-9+(-8-7^{\wedge}6)*(-5+4^{\wedge}(-3-2))+1$	127060931	G	$(9*8*7^{\wedge}6*5+4)*3-2+1$
121485300	G	$-9-(8+(7-(6+5^{\wedge}4)^{\wedge}3)/2+1)$	127060933	G	$(9*8*7^{\wedge}6*5+4)*3+2-1$
121550583	G	$-9+((8+(7+6))*5)^{\wedge}4-32-1$	127060935	G	$(9*8*7^{\wedge}6*5+4)*3+2+1$
121550585	G	$-9+((8+(7+6))*5)^{\wedge}4-32+1$	127061640	G	$9*8*((7^{\wedge}6*5+4)*3-2)^*1$
121550612	G	$-9+((-8-7-6)*5)^{\wedge}4-3-2+1$	127061928	G	$9*8*((7^{\wedge}6*5+4)*3+2)^*1$
121869497	P	$-9+(8+7)+((6+5)*4)^{\wedge}(3+2)+1$	127215833	G	$-9+(8+(7+6*5^{\wedge}4)*3)^{\wedge}2+1$
122011390	G	$-98-(7^{\wedge}6-5^{\wedge}(4*3))/(2^*1)$	127375417	G	$(9^{\wedge}8-7^{\wedge}6*5-4)*3+2-1$
122011416	G	$-9*8-(7^{\wedge}6-5^{\wedge}(4*3))/(2^*1)$	127375419	G	$(9^{\wedge}8-7^{\wedge}6*5-4)*3+2+1$
122011471	G	$-9-8-(7^{\wedge}6-5^{\wedge}(4*3))/(2^*1)$	127375428	G	$(9^{\wedge}8-7^{\wedge}6*5)*4-3+2^*1$
122011476	G	$-9+(-8-(7^{\wedge}6-5^{\wedge}(4*3)))/2+1$	127375437	G	$(9^{\wedge}8-7^{\wedge}6*5+4)*3-2-1$
122011505	G	$9+8-(7^{\wedge}6-5^{\wedge}(4*3))/(2^*1)$	127375439	G	$(9^{\wedge}8-7^{\wedge}6*5+4)*3-2+1$
122011560	G	$9*8-(7^{\wedge}6-5^{\wedge}(4*3))/(2^*1)$	127544221	P	$9*(-8-7)*6*(54^{\wedge}3-2)+1$
122011586	G	$98-(7^{\wedge}6-5^{\wedge}(4*3))/(2^*1)$	127577015	G	$-9+((8+7+6*5^{\wedge}4)*3)^{\wedge}2-1$
122070288	P	$-(9+8)+(-7-6+5^{\wedge}(4*3))/2-1$	127766715	G	$-98+7^{\wedge}6*543*2-1$
122070294	G	$-9-8-(-7+6+5^{\wedge}(4*3))/-2-1$	127766716	G	$-98+7^{\wedge}6*543*2^*1$
122129125	G	$-9+(-8+7^{\wedge}6+5^{\wedge}(4*3))/2+1$	127766741	G	$9*-8+7^{\wedge}6*543*2-1$
122657176	G	$-9+(8-(7-(6-5^{\wedge}4)^{\wedge}3))/-2+1$	127766742	G	$9*-8+7^{\wedge}6*543*2^*1$
122657178	G	$-9+((8-7)^{\wedge}6+5^{\wedge}4)^{\wedge}3/2-1$	127766807	G	$9-(8-7^{\wedge}6*543)*2^*1$
122931200	G	$98*((7/(6^{\wedge}5+4^{\wedge}3))^{\wedge}-2^*1)$	127766839	G	$9+(8+7^{\wedge}6*543)*2^*1$
123031889	P	$-98-7*(-((65*4)^{\wedge}3-2)+1)$	127766848	G	$(9+8+7^{\wedge}6*543)*2^*1$
123031901	G	$-98+7/(65*4)^{\wedge}3-2+1$	127766958	G	$(9*8+7^{\wedge}6*543)*2^*1$
123031941	G	$-9*8-7*((65*-4)^{\wedge}3-2)-1$	127767010	G	$(98+7^{\wedge}6*543)*2^*1$
123070329	P	$((-9-8)*7^{\wedge}6-5^{\wedge}(4*3))/-(2^*1)$	127926230	G	$-9+8^{\wedge}7*(65-4)-32-1$
123299793	G	$9*8*7*(6+54^{\wedge}3+2-1)$	127926232	G	$-9+8^{\wedge}7*(65-4)-32+1$

127926324	G	$-9+(8^7+(6-5))^*(4^3-2-1)$	130904911	G	$(9^8+7^6*5+4)*3+2-1$
127926831	G	$(9+8^7)^*(65-4)+3^2+1$	130904913	G	$(9^8+7^6*5+4)*3+2+1$
128024047	P	$-(9+8)-(7^6)^5*((4+3)^{-2-1})$	131208253	P	$-(9^8+(7^6)^5*-4/3+2)*1$
128962392	P	$-(9-((87-6)^5-4)^3*2)-1$	131208257	G	$-9^8+(7^6)^5*4/3+2*1$
129130980	G	$(9^8-765^4)*3-2-1$	131820008	G	$9+(-8-7)^*(65^4)^3/-2-1$
129130982	G	$(9^8-765^4)*3-2+1$	132542279	G	$-9^8+(7^*(6-5^4)^3)^2-1$
129130984	G	$(9^8-765^4)*3+2-1$	132812559	G	$-9-(8-76)^*(5^((4+3)+2)+1)$
129130986	G	$(9^8-765^4)*3+2+1$	133923108	P	$-(9+8)-7^*(6*(5+4)^3)^2+1)$
129139359	G	$(9^8-7-65^4)*3-2-1$	133923124	P	$-(9-8)-7^*(6*(5+4)^3)^2+1)$
129139361	G	$(9^8-7-65^4)*3-2+1$	134374456	G	$-9+(8^7*(65-4)^3)^2+1$
129139362	G	$(9^8-7-65^4)*3^{\wedge}(2-1)$	134399941	P	$-(9+8)-7^*6^*((5^4)^{\wedge}(3+2)-1)$
129139363	G	$(9^8-7-65^4)*3+2-1$	134399957	P	$-(9-8)-7^*6^*((5^4)^{\wedge}(3+2)-1)$
129139365	G	$(9^8-7-65^4)*3+2+1$	134399976	G	$-9-(8-7^*(6/(5^4)^{\wedge}(-3-2)-1))$
129139401	G	$(9^8+7-65^4)*3-2-1$	135459529	G	$-9^8+((-7-6)^5)^4*(3^{\wedge}2+1)$
129139403	G	$(9^8+7-65^4)*3-2+1$	135459599	G	$-9^8+(-7-65^4)^*(-3^{\wedge}2-1)$
129139524	G	$(9^8-7^6*5-4)*3+2+1$	136079880	P	$-9-8^7*(-(6-5)^4)^3+2+1$
129139546	G	$(9^8-7^6*5+4)*3+2-1$	136080008	G	$9-8^*-7/(6^5)^{\wedge}-4*3-(2-1)$
129139955	G	$(9^8-(7+6)^5-4)*3-2+1$	136080104	G	$-9-8^*-7^*((6^5)^{\wedge}4*3+2)+1$
129139965	G	$(9^8-7-6-54)^3+2+1$	136314324	P	$(-9-8^7)^*65-4+32+1$
129139975	G	$(9^8-7-65-4)^3-2*1$	136315513	G	$(9+8^7)^*65+(-4+3)^2-1$
129139994	G	$(9^8-76+5^4)*3-2+1$	136315526	G	$(-9-8^7)^*-65+4^3-2-1$
129140001	G	$(9^8+7-65+4)^3^{\wedge}(2-1)$	136315528	G	$(-9-8^7)^*-65+4^3-2+1$
129140009	G	$(9^8-7^6-5-4)^3-2+1$	136315610	G	$(-9-8^7)^*-65+(4^3)^2+1$
129140011	G	$(9^8-7^6-5-4)^3+2-1$	136316143	G	$(-9+8^7)^*65+43^2-1$
129140078	G	$(9^8-7^{\wedge}(6-5)^4)^3-2+1$	136319562	P	$(-9-8^7)^*65+4^{\wedge}(3^2)+1$
129140099	G	$(9^8-7+6-5^4)^3-2+1$	136410167	P	$-(9+8)+7^*((6+5)^{\wedge}(4+3)-2)+1$
129140101	G	$(9^8-7+6-5^4)^3+2-1$	136874990	G	$-9+876/5^{\wedge}(-4-3)^2-1$
129140104	G	$(9^8-7-6^5+4)^3-2*1$	136983608	G	$-9+(8^7*(6-5^4))^2+1$
129140222	G	$(9^8-7+6^5-4)^3+2*1$	137262924	P	$9/8*(7^{\wedge}6-5^{\wedge}(4^3))/-(2^*1)$
129140225	G	$(9^8+7-6+5^4)^3-2+1$	137586879	G	$-9^8+(7^6*5^4)^3)^2*1$
129140243	G	$(9^8-7+6^5+4)^3-2+1$	137941083	G	$-9-876*(-54^3-2-1)$
129140294	G	$(9^8+7^6+5-4)^3+2*1$	137979262	G	$-9+(8^*(7-65/4-3))^2-1$
129140317	G	$(9^8+7^6+5+4)^3+2-1$	138349148	G	$98*((7^6-5)^4*3-2)^*1$
129140319	G	$(9^8-7+6+54)^3-2-1$	138349540	G	$98*((7^6-5)^4*3+2)^*1$
129140332	G	$(9^8+76-5^4)^3+2-1$	138355164	G	$(98*7^6-5)^4*3^{\wedge}(2-1)$
129140351	G	$(9^8-7+65+4)^3+2*1$	138355284	G	$(98*7^6+5)^4*3^{\wedge}(2-1)$
129140361	G	$(9^8+76-5-4)^3-2-1$	138360908	G	$98*((7^6+5)^4*3-2)^*1$
129140369	G	$(9^8+7+65-4)^3+2*1$	138361300	G	$98*((7^6+5)^4*3+2)^*1$
129140802	G	$(9^8+7^6*5+4)^3-2-1$	138393279	P	$-9^8-7^*(6^5)^{\wedge}4*32)^*1$
129140923	G	$(9^8+7+65^4)^3+2-1$	138393286	P	$-9^8-7^*((6-5)^4)^3+2-1)$
129140925	G	$(9^8-7+65^4)^3+2+1$	138407732	G	$-9+(-8^7+65)^*(-4^3-2)-1$
129140961	G	$(9^8+7+65^4)^3-2-1$	138911102	G	$-9+(8*(7+65/4-3))^2-1$
129140963	G	$(9^8+7+65^4)^3-2+1$	139278239	P	$(-9+8+7)^*-6*(5^4-3))^2-1$
129140964	G	$(9^8+7+65^4)^3^{\wedge}(2-1)$	139508924	G	$-9-8/7^*((6-5)^{\wedge}(4^3))/2+1$
129140965	G	$(9^8+7+65^4)^3+2-1$	140420981	P	$-(9^8-(7^6*5-4)^3)^2)^*1$
129140967	G	$(9^8+7+65^4)^3+2+1$	140607934	G	$-9-(8*(7-(65^4)^3)+2)+1$
129149340	G	$(9^8+765^4)^3-2-1$	140608046	G	$-9-(-8*(7-(65^4)^3)+2)+1$
129149342	G	$(9^8+765^4)^3-2+1$	140612166	G	$-9-8^*((7*(6+5)^{\wedge}4+3))/-2-1$
129149344	G	$(9^8+765^4)^3+2-1$	141087559	G	$(9^8+7^*(-6^{\wedge}(5+4)+3))^*-2+1$
129149346	G	$(9^8+765^4)^3+2+1$	141087607	G	$(9^*-8-7^*-6^{\wedge}(5+4)+3)^2+1$
129847024	G	$-9+(8-(7+6+5^4)^3)/-2+1$	141087641	G	$(9^*-8+7^*(6^{\wedge}(5+4)+3))^2-1$
130428990	G	$-98-((-7^6)^5+4^{\wedge}(3^2*1))$	141087792	P	$-(9-(8+7^*(6^{\wedge}(5+4)+3))^2)-1$
130429016	G	$-9*8+(7^6)^5-(4^{\wedge}(3^2*1))$	141978241	P	$(-9+8+7)^*-6*(5^4+3))^2+1$
130687038	P	$-(98-(7^6)^5)-4^{\wedge}(3^2*1)$	142804864	G	$-9-8^*(7-65^4+3^2)+1$
130687118	P	$-(9+(8-(7^6)^5))-4^{\wedge}(3^2)-1$	142804886	G	$-9-8^*(7-65^4+3^2)-1$
130689365	P	$-(9+8-(7^6)^5)-43^2-1$	142805080	G	$9+8^*((7+6)^5)^4+3^2-1$
130689381	G	$-9+8-((-7^6)^5+43^2)-1$	143593635	G	$(9^8-76+5^{\wedge}(4^3))/(2^*1)$
130690190	P	$-9-(8-(-7^*-6)^5+4^{\wedge}(-3-2))-1$	143687292	G	$-9*(8-(7+6)^5)^4+3-2-1$
130690782	G	$-9-8+(7^6)^5-432-1$	143747992	G	$-9+((-8-7)^*(-6-5)^4)^3/2+1$
130690784	G	$-9-8+(7^6)^5-432+1$	143982582	G	$-9+((8+76)^5)^4+3^2-1$
130691091	G	$-98+(7^6)^5-43^{\wedge}(2-1)$	144002359	P	$-(9+8)+7^6*((5*(4+3))^2-1)$
130691567	G	$-98+(7^6)^5+432+1$	144002375	G	$9^8*7^6*(5+4)^3-2+1$
130692238	P	$-9-(8-(-7^*-6)^5-4^{\wedge}(-3-2))-1$	144119928	G	$-98-7^6/-(5^*(4+3))^{\wedge}-2+1$
130693010	G	$-9*8-((-7^6)^5+43^2+1)$	144120007	P	$-9-8+7^6/(5*(4+3))^{\wedge}-2-1$
130693063	P	$-(9+8-(7^6)^5)+43^2-1$	144120096	P	$9^8-7^6*(5^*(4+3))^{\wedge}-2-1$
130693154	G	$9^*8+(7^6)^5+43^2+1$	144144026	G	$-9+(87^6*(5^4+3))^{\wedge}-2-1$
130695310	P	$-(9+(8-(7^6)^5))+4^{\wedge}(3^2)-1$	144703448	G	$-9+8^7*(65+4)-32+1$
130904883	G	$(9^8+7^6*5-4)^3-2-1$	144776690	G	$-9+87/(6^5*43)^{\wedge}-2-1$
130904885	G	$(9^8+7^6*5-4)^3-2+1$	145576034	G	$-9^8+(7^6*5^4)^3)^2-1$
130904898	G	$(9^8+7^6*5)^*(4-3+2)^*1$	146484441	G	$-9+(8+7)^*(6+5^{\wedge}(4+3)^2)-1)$

146559576	G	$(9^8 - (7 - 6^5(5+4))^3)^2 * 1$	166014894	G	$(-9-8)^*(7*6-5^4(4+3*2)+1)$
146559604	G	$(9^8 - 7 + 6^5(5+4)^3)^2 * 1$	166015387	G	$(-9-8)^*(7+6-5^4(4-3*-2)+1)$
146559632	G	$(9^8 + 7 + 6^5(5+4)^3)^2 * 1$	166800656	G	$(9^8 + 7^6(6^5(5-4)+3))^2 * (2*1)$
146559660	G	$(9^8 + (7+6^5(5+4))^3)^2 * 1$	167013366	G	$-9+8^7 - ((-6-5)^4)^{(3+2)} - 1$
147027592	G	$9^*((8+7+6)^5 * 4 - 3 - 2) + 1$	167871524	G	$-9^8 - (7^*(6+5))^4 * -3 * 2 - 1$
147051253	G	$9 - ((8-7^6)^5 * 4 + 3)^2 * 1$	168151250	G	$(9^8 - 7 + 6) / (5/4)^{-3} * (2*1)$
147051265	G	$9 - ((8-7^6)^5 * 4 - 3)^2 * 1$	168520463	G	$9^8 * 7^*(6^5 * 43 - 2) - 1$
147061282	G	$9 + (8 + 7^6 * 5^4 + 3)^2 * 1$	168584880	G	$-9^8 - 7^*(-6^5(5+4)^3 + 2) - 1$
147062494	G	$((9-8+7^6)^5 * 4 - 3)^2 * 1$	168584908	P	$-9^8 - 7^*(-6^5(5+4)^3 + 2) - 1$
147062506	G	$((9-8+7^6)^5 * 4 + 3)^2 * 1$	168766071	G	$-9 + (8 + 7^*(6-5^4)^3)^2 - 1$
147071253	G	$9 + ((8+7^6)^5 * 4 - 3)^2 * 1$	168973928	G	$-9^8 + (7^*(-6 + 5^4)^3)^2 - 1$
147071265	G	$9 + ((8+7^6)^5 * 4 + 3)^2 * 1$	168999990	G	$-9 + ((8 / (7+6))^5 * 4)^{-3} - 2 - 1$
147082494	G	$((9+8+7^6)^5 * 4 - 3)^2 * 1$	169182039	G	$-9 + (8 - 7^*(6-5^4)^3)^2 - 1$
147082506	G	$((9+8+7^6)^5 * 4 + 3)^2 * 1$	169411103	G	$-9^*(8-7^6 * 5 + 4)^3 * 2 - 1$
147151244	G	$((9^8 + 7^6)^5 * 4 - 3)^2 * 1$	169411105	G	$-9^*(8-7^6 * 5 + 4)^3 * 2 + 1$
147151256	G	$((9^8 + 7^6)^5 * 4 + 3)^2 * 1$	169413407	G	$-9^*(8-7^6 * 5 - 4)^3 * 2 - 1$
147183744	G	$((98 + 7^6)^5 * 4 - 3)^2 * 1$	169413409	G	$-9^*(8-7^6 * 5 - 4)^3 * 2 + 1$
147183756	G	$((98 + 7^6)^5 * 4 + 3)^2 * 1$	169414128	G	$9^8 * 7^*(7^6 * 5^4 - 3^2 * 1)$
147282486	G	$-9 + (8^*(-76 * 5^4 + 3))^2 - 1$	169414533	G	$9^8 * 7^6 * 5^4 - 3^2 + 1$
147806207	P	$(9^8)^{(- (7-6) + 5)^*(4+3/2)} - 1$	169414550	G	$9^8 * 7^6 * 5^4 - 3^2 - 1$
148175974	G	$-9 - (8 - (7^*(6+54))^3)^2 - 1$	169414568	G	$9 + 8^7 * 6^5 * 4^3 * 2 - 1$
148199302	G	$(9^8 + 7^6 * 54)^3 + 2 - 1$	169414587	G	$9^8 * 7^6 * 5^4 + 3^2 + 1$
148199304	G	$(9^8 + 7^6 * 54)^3 + 2 + 1$	169414992	G	$9^8 * 7^6 * 5^4 + 3^2 * 1$
148437504	G	$-9^*(8+7^6 * (5^4(4+(3+2))^1) + 1)$	169415711	G	$9^*(8+7^6 * 5 - 4)^3 * 2 - 1$
148449846	G	$-9 + (8^*(76 * 5^4 + 3))^2 - 1$	169415713	G	$9^*(8+7^6 * 5 - 4)^3 * 2 + 1$
150589409	G	$((9-8^7 * 6)^5 * -5 + 4)^3 * 2 + 1$	169418015	G	$9^*(8+7^6 * 5 + 4)^3 * 2 - 1$
150590710	G	$(98/7)^6 * 5^4 - 3^2 - 1$	169418017	G	$9^*(8+7^6 * 5 + 4)^3 * 2 + 1$
150590728	G	$(98/7)^6 * 5^4 + 3^2 - 1$	169868386	G	$(9^*(-8^7 + 6 + 5) + 4)^{-3} * 2 + 1$
150700175	G	$9^*((8^7 * -6 - 5)^4 * 3)^2 - 1$	169921343	G	$-9 - 8^7 * (6 - 5^4(4+3+2)) - 1$
151165423	P	$-(9 + (-8-7)^6 * 6^5(5+4))^{-3} * 2 + 1$	170099901	G	$-98 + 7 / (6^5)^{(4-3^2)} - 1$
151165427	G	$-9 + ((8+7)^6 * 6^5(5+4) - 3 - 2) + 1$	170099976	P	$-(9+8)^7 * ((6^5)^{(4+3-2)} - 1)$
151165491	G	$9 + (8+7)^6 * (6^5(5+4)+3) - 2 - 1$	170099982	G	$-9 - (8 - 7 / (6^5)^{(-4 - (3-2)) + 1)}$
151519224	G	$-9 + (8^7 * (6 / (54 - 3)))^{2+1}$	170615854	P	$9 + ((-(-8-7)+6)^5 * (-5^4+3))^2 + 1$
151531921	G	$9 + 8^7 * 6^5 * (54^3 - 2 + 1)$	171224315	P	$-(9^8 + 7) + ((6+5)^4 - 3)^2 - 1$
151585362	P	$-(-9 - 8) + (76 * 54^3)^2 + 1$	171224316	P	$-(9^8 + 7) + ((6+5)^4 - 3)^2 * 1$
151585417	P	$-(-9 * 8 - (76 * 54^3)^2) + 1$	171320168	G	$(-9-8)^*((7-6^5(5+4))^3 + 32) - 1$
151730167	G	$(-9-8)^*(7 - (65^4 - 3) / 2) - 1$	171520570	G	$-9 - (8 - 7^6)^5 * (5+4)^3 * 2 + 1$
151730169	G	$(-9-8)^*(7 - (65^4 - 3) / 2) + 1$	171532225	G	$(9 - (8 + 7 + 6)^5(5 + 4 - 3))^2 - 2 + 1$
151730218	G	$(-9-8)^*(7 - (65^4 + 3) / 2) - 1$	171532315	G	$9^8 + 7^6 * (5+4)^3 * 2 + 1$
151730220	G	$(-9-8)^*(7 - (65^4 + 3) / 2) + 1$	171532455	G	$9^*(8+7^6 * 5^4)^3 * 2 - 1$
151730456	G	$(9+8)^*(7 + (65^4 + 3) / 2) - 1$	171532457	G	$9^*(8+7^6 * 5^4)^3 * 2 + 1$
151730458	G	$(9+8)^*(7 + (65^4 + 3) / 2) + 1$	171532459	G	$9^*(8+7^6 * 5^4)^3 * 2 - 1$
152273278	P	$-(9-8^*((7+65^4)^3 - 2)) - 1$	171532461	G	$9^*(8+7^6 * 5^4)^3 * 2 + 1$
153054942	G	$-9^*(8 - (7 - (6^5(5+4))^3)^2) - 1$	171716262	G	$(9^8 - 7^6 - 5)^4 * 3^2 * 1$
153092086	G	$-9 + 8^7 * (6^5 + 43) - 2 + 1$	171716302	G	$(9^8 - 7^6 + 5)^4 * 3^2 * 1$
153165368	G	$-9 + (8^7 * (6 + 5^43))^2 + 1$	171716306	G	$(9^8 - 7^6 + 5)^4 * 3 - 2 - 1$
153855450	G	$9^*(8+7)^6 * (5^4 - 4 + 3) / (2*1)$	171716314	G	$(9^8 - 7^6 + 5)^4 * 3^2 * 1$
154457880	P	$-(9 + (8 - 76^5(5+4))^3 / 2) + 1$	171944127	G	$-9^8 + (7+65)^4 * 4^3 * (3^2 - 1)$
155708942	P	$-(9 + (8 + (7^*(-65 + 4))^3)^2) + 1$	172155720	G	$(9^8 - 7 - 6^5)^4 * 4 - 32 * 1$
155708974	G	$-9 + (8 + (7^*(65 - 4))^3)^2 + 1$	172186698	G	$(9^8 - 7^6 - 5)^4 * 4 + 3 - 2 + 1$
156149526	G	$-9 + (8 - (7^6 + 5)^4)^3 - 32 - 1$	172186700	G	$(9^8 - 7^6 - 5)^4 * 4 + 3 - 2 - 1$
156150038	P	$-(9 - (8 + (7^6 + 5)^4)^3 * 32) - 1$	172186702	G	$(9^8 - 7^6 - 5)^4 * 4 + 3 + 2 + 1$
158203035	G	$-9 + (87 - 6)^5 * (5^4((4+3)+2) - 1)$	172186728	G	$(9^8 - 7^6 - 5)^4 * 4 + 32 * 1$
159220091	G	$((9^8 * 7 / 6 + 5)^4)^3 + 2 + 1$	172186780	G	$(9^8 - 7 - 6 - 5)^4 * 4 - 32 * 1$
160006655	G	$-98 + (76^5(5+4))^3 / 2 + 1$	172186788	G	$(9^8 + 7 - 6^5)^4 * 4 - 3 - 2 + 1$
160246727	G	$-9^8 + (76 - 5)^4 * (3^2 - 1)$	172186802	G	$(9^8 - 7 - 6 - 5)^4 * 4 - 3^2 - 1$
160648577	G	$(9^8 * 7 - 65^4)^3 - 3^2 - 1$	172186819	G	$(9^8 - 7 - 6 + 5)^4 * 4 - 32 - 1$
160654798	G	$-9^*(87 - (65^4 - 3 - 2)) + 1$	172186867	G	$(9^8 - 7 + 6 + 5)^4 * 4 - 32 - 1$
160660160	G	$(9^8 * 7 - 65^4) / -3^2 - 2 - 1$	172186949	G	$(9^8 + 7 + 6 - 5)^4 * 4 + 32 + 1$
161029456	P	$-(9+8) + (7^6+5)^4 * (32+1)$	172186953	G	$(9^8 + 7 + 6 + 5)^4 * 4 - 3^2 (2 - 1)$
161243113	G	$((9^8)^{(-7 + 6 + 5) - 4})^3 * 2 + 1$	172186966	G	$(9^8 + 7 + 6 + 5)^4 * 4 + 3^2 + 1$
161243246	G	$-9 + (8^*(-7 - 6^5(5+4)) - 3)^2 * -2 + 1$	172186971	G	$(9^8 - 7 + 6^5)^4 * 4 - 3 - 2 * 1$
163021814	G	$-9 + (8^7 * 6^5 * (5 - 43))^2 - 1$	172186988	G	$(9^8 + 7 + 6 + 5)^4 * 4 + 32 * 1$
164062575	G	$-9 + (8 + 76)^5 * (5^4((4+3)+2) + 1)$	172187040	G	$(9^8 + 7^6 + 5)^4 * 4 - 32 * 1$
164916160	G	$-9 - 8^7 - ((-6-5)^4)^{(3+2)} + 1$	172187066	G	$(9^8 + 7^6 + 5)^4 * 4 - 3 - 2 - 1$
164916201	G	$-9 - (8 + 7 - ((6+5)^4)^{(3+2)}) + 1$	172187068	G	$(9^8 + 7^6 + 5)^4 * 4 - 3 - 2 + 1$
164916229	G	$-9 + 8 + 7 - ((-6-5)^4)^{(3+2)} - 1$	172265615	G	$-9 + ((8-7+6) / 5^4 - 4^3)^2 - 1$
165058209	G	$9^8 - (7^6 - 5^4(4^3)) / (2*1)$	172657454	G	$(9^8 + 7^6 - 5)^4 * 4 - 3^2 * 1$
165686934	P	$-9 + (8 - 76^5 - (5+4))^3 / 2 - 1$	172657504	G	$(9^8 + 7^6 + 5)^4 * 4 + 3 - 2 - 1$
165763702	G	$-9 + ((-8^*(-7 - 6) + 5)^4)^3 * 2 - 1$	172657506	G	$(9^8 + 7^6 + 5)^4 * 4 + 3^2 * 1$

172657560	G	$(9^8+7^6+5^4)^*(3+2-1)$	192119188	P	$-(9-((8*(7+6)-5)^4-3)^2)+1$
172942852	G	$98*(7^6*5-4)^*3-2*1$	192119198	G	$-9+((-8*(7+6)+5)^4+3)^*2-1$
172942856	G	$98*(7^6*5-4)^*3+2*1$	192668231	P	$(9^8*7+6)/-(5^4-3)^{-2}-1$
172945204	G	$98*(7^6*5+4)^*3-2*1$	193405132	G	$-9+(8-(7^6*5+4)^3)^*-2-1$
172945208	G	$98*(7^6*5+4)^*3+2*1$	193710228	G	$(9^8(8+7-6)-5*(4+3))/2+1$
173898035	G	$-9^8-7^6*(5-4)^3+2$	193710230	G	$(-9^8(8+7-6)-(-5-4)^3)/-2-1$
173923354	G	$9+(((8+7)+6)^*(5^4+3))^2+1$	193710259	G	$(-9^8(8+7-6)+(-5-4)^3)/-2+1$
174255071	G	$(9^8-(-7^6)^5)^*4/3-2+1$	193710261	G	$(9^8(8+7-6)+5*(4+3))/2-1$
174956876	G	$-9^8+7^6*(5+4)^3-2-1$	194129945	G	$-9^8+7-(6-5^4)^3)^*(2-1)$
174959353	P	$9^8*(7+(6^5)^4*3-2)+1$	194400046	G	$-9+8*(7+(6^5)^4(4+3-2))-1$
174959495	G	$9^8*(7+(6^5)^4*3)-2+1$	194750397	G	$-9+(8+7-6)^5*4*(3+2)+1$
174960359	G	$9^8*(7+(6^5)^4*3-2)-1$	195038834	P	$-9^8-7^6-((6^5)^4)^3-2+1$
175377039	P	$-9+(8-7^6-(-6-5^4)^3)^2-1$	195038844	P	$-(9^8-7^6*(6^5)^4)^3+2-1$
175588928	G	$-9^8+(7^6*(6-5^4)^3)^2-1$	195038850	P	$-(9^8-7^6*(6^5)^4)^3-2+1$
175765253	P	$-(-9-(8+(7^6(6+5))^4)^*(3+2))-1$	195038862	G	$-9^8-7^6*((-6^5)^4)^3-2+1$
175801071	G	$-9^8*(7^6*(6-5^4)^3)^2-1$	195552246	G	$-9+(8^7*6*(5^4+3))^2-1$
176656250	G	$-9^8+(-7^6(6+5)+4)^*(-3^4-2^4)$	195776054	G	$-9+(8*(7^6*5-4)^3)^2-1$
176947192	G	$-9^8*7^6*(5^4+3)^2+1$	195944352	G	$-9+((87+6)^5-4)^3*2-1$
177071606	P	$(9-8^7)^*-(6^5/4-3)^2-1$	197132278	G	$-9+8^7*(6^5+4)^3-2+1$
177246207	G	$9^8*7^6+(5^4)^3(3^2)-1$	198137025	G	$9^8*7^6*(6+5^4)^3(2^4)^2+1$
177596951	G	$-9+(-8^7+6^5)^*(-4^3+2+1)$	198640828	G	$-9+(8^7*6^5*(-5-4)^3)^2+1$
178782487	G	$(9-8^7*(6-5)^4)^*(3^2-1)$	198817983	G	$-9^8+(7+6)^5)^4*(3^2+1)$
179199654	G	$-9-8^7*(6-(5^4)^3(3+2))-1$	199148534	P	$-9+(8/(7^6)^4-(-5+4+3))^2-1$
179200326	G	$-9-8^7*(6+(5^4)^3(3+2))-1$	199926999	G	$-9+8^7*(7/6^5-4/(3+2)+1)$
179906751	G	$-9^8-7^6*(-6^5*4^3(3^2)^4)^2+1$	199927047	G	$-9+8^7*(6^5/4/(3+2)+1)$
179906758	G	$-9^8-7^6*(-6^5*4^3(3^2)^4)^2-1$	200054529	G	$-9^8+(7^6*5)^4/(3^2-1)$
180360654	G	$-9+(8^7+6^5)^4*3^2+1$	200153203	G	$-9^8-7^6*((-5^4)^3(3+2)+1)$
180633503	G	$-9+8*(7^6*5^4)^3+2+1$	200153278	G	$-9^8-7^6*(5^4-4)^3(3+2)-1$
180633527	G	$-9^8+(7^6*5^4/3)^2-1$	200540062	G	$-9+8^7*6^5*(3^2+1)$
180707895	G	$-9+(-8^7*6^5)/-4^3-3^2(2+1)$	200540143	G	$-9+8^7*6^5*(3^2+1)$
180707913	G	$9+(-8^7*6^5)/-4^3-3^2(2+1)$	200540159	G	$-9+8^7*6^5*(3^2+1)$
180716535	G	$-9-8^7*(7^6+5)/-4^3-3^2(2+1)$	200884701	G	$(9^8*7+6)^5(5-4)^3*2-1$
180716553	G	$9-8^7*(7^6+5)/-4^3-3^2(2+1)$	201093917	P	$-9^8+7+(-6-5^4(4^3))^*-(-2-1)$
180737587	G	$9^8*(7-6^5)^4*3^2+1$	201326503	G	$-9^8*(8^7*6+5)^4(4/3)^2+1$
181398637	G	$-9^8*(8-((7+6^5(5+4))^3)^2)+1$	203017279	G	$-9^8-7^6*(6^5-4)^3*2^4$
181439734	P	$-9+(-8^7/-(6^5)^4)^3*2-1$	203017286	G	$-9^8-7^6*((6^5)^4)^3*2-1$
181439984	P	$-(9+8-7^6*(6^5)^4*3^2)+1$	203288760	G	$-9^8*(8+(-7^6+5)/4^3-3^2(2+1))$
181439990	G	$-9-(8-7^6*(6^5)^4*3^2+1)$	203288904	G	$9^8*(8+(-7^6+5)/-4^3-3^2(2+1))$
181439994	G	$9-(8-7^6*(6^5)^4*3^2-1)$	203293359	G	$-9+8^7*((7^6-5)^4-3^2+1)$
181640709	G	$-9+(8^7+6^5)^*(5^4((4+3)+2)+1)$	203293366	G	$-9+8^7*((7^6-5)^4-3^2)-1$
181752821	P	$-(9^8(8-7+6)^*(5-4)^3+2)+1$	203295167	P	$-(9^8-7^6*5^4)^3*2-1$
182250071	G	$-9+((8+7)^6+5)^4*(3+2-1)$	203295169	P	$-(9^8-7^6*5^4)^3*2+1$
182451354	G	$(-9^8-7^6)^*(5-4)^3(3^2+1)$	203297508	G	$(9^8+7^6*5^4)^3*2^4$
183606479	G	$9^8*7^6*(6^5+4+3)-2-1$	203297543	G	$9^8*7^6*5^4*3^2-1$
184389231	G	$-9+(8-7^6*(6^5/4-3))^2-1$	203306040	G	$-9^8*(8+(7^6+5)/-4^3-3^2(2+1))$
184528268	G	$(9^8*(-8+7+6))^5+(4^3)^2-1$	203306184	G	$9^8*(8+(7^6+5)/4^3-3^2(2+1))$
184549363	G	$(-9+8^7*(6+5)^4+3)^2-1$	205078116	G	$-9+(8+(7+6)^5)^4(4+3)^2+1$
184606496	G	$-9^8+(7^6*(6^5/4+3))^2-1$	207129654	G	$-9+(8^7*(6-5^4+3))^2-1$
184824015	G	$-9+(8+7^6*(6^5/4-3))^2-1$	207618191	P	$9^8*7^6*(-(-6-5)+4^3)^2-1$
185100896	G	$(9^8(8-7-6))/(5/4^3)^2*1$	207622655	G	$9^8*7^6*(6+5+4^3(-3^2)^2)-1$
185531631	G	$-9+(8-7^6*(6^5/4+3))^2-1$	207962939	P	$-(9^8+7)+(-(-6-5)^4)^3(3+2)+1$
185606791	G	$(9^8+7^6)/(5/4^3)^2(2^4)^2+1$	208192864	P	$-(9^8+7)+6(5^4)^3+2+1$
185658408	G	$-9^8+(7^6-5)^4*(3^2+1)$	208192866	P	$-(9^8+7)+6(5^4)^3+2+1$
185749568	G	$-9^8+(7^6*(6^5/4+3))^2-1$	210918149	G	$-9+8^7*(6+5)^4*3^2+1$
185967759	G	$-9+(8+7^6*(6^5/4+3))^2-1$	210918188	G	$-9+(8-(7^6(6+5))^4)^*-3^2-1$
187149238	G	$-9+((8^7(7+6)^5-4)^3+2+1)$	210918220	G	$-9+(-8+(7^6(6+5))^4)^3*2-1$
188117094	G	$-9+8^7*(6^5(5+4)/3+2)-1$	210918228	P	$-(9+8)+(7^6(-6-5))^4*3^2-1$
188622774	P	$-(-9-8)+(7^6*5^4)^3+2+1$	210937491	G	$-9^8*((-8-7)^6*(6^5/4/3)^2+1)$
188622829	P	$-(-9-8-(7^6*5^4)^3)^2+1$	211275111	G	$-9+(8+7)^6*((6^5/4+3)^2-1)$
189267968	P	$9^8*7^6/(6^5*(5-4)^3)^2-2*1$	211295286	G	$-9+(8^7*(7^6*5^4+3))^2-1$
190359062	P	$-(9-8)/((7-(6+5)^4)/3)^2-2-1$	212292380	G	$(9^8-7^6*5^4)^*(4+3-2)^4$
190591443	G	$9^8*(8-7^6*5^4)^3-2-1$	212693046	G	$-9+(8^7*(7^6*5^4+3))^2-1$
190591461	G	$9^8*(8-7^6*5^4)^3+2+1$	212860918	G	$-9-8^7*(6-5^4/3)^2-1$
191101720	G	$(9+8+7)^6*(5^4+3)^2*1$	213860256	G	$(9^8+7^6*5^4)^3*2^4$
191101732	G	$(9+8+7)^6*(5^4-3)^2*1$	213910134	G	$(-9+(8^7+6)^6*(-5+3))^*-2*1$
191103295	G	$(9+8+7)^6*(5^4+3)^2+1$	214270938	G	$-9-8+((-6-5)^4-3)^2-1$
191104220	G	$(9+8+7)^6*(5^4-3)^2*1$	214270947	G	$-9-8+((-6-5)^4-3)^2-1$
191104232	G	$(9+8+7)^6*(5^4+3)^2*1$	214270952	P	$-(9-8+7)+((6+5)^4-3)^2-1$
191398801	P	$98^6*(-7+5^4-(-4-(3+2)))^2-1$	214271019	P	$-(9+8+7)+((6+5)^4-3)^2-1$
191969997	P	$-((9^8-8-7)^6*(6^5)^4)^3+2-1$	214271029	G	$98/-7+((6+5)^4-3)^2-1$

214271162	P	$-(-9-8)^*7+(-(-6-5)^4+3)^2-1$	227793299	P	$-(9^8+(7-654)^3+2)-1$
214271547	P	$9^*8^*7+(-(-6+5)^4+3)^2-1$	227793301	P	$-(9^8+(7-654)^3+2)+1$
214343742	P	$-(9+(8-7^*(65+4))^3*2)+1$	227812688	G	$(9+(8+7)^6)^*5^*4^*3^2-1$
214446630	G	$-98-7+((-6-5)^4+3)^2-1$	227898926	G	$-9^8+7^6*((5+43)^2-1)$
214446639	G	$-9-87+((-6-5)^4+3)^2-1$	228016575	G	$-9^8+7^6*((5+43)^2*1)$
214446644	P	$-(98-7)+((6+5)^4+3)^2-1$	228705061	P	$9^*-(-8-(76-5)^4)+3+2-1$
214446721	G	$-98/7+((6+5)^4+3)^2-1$	228709440	G	$9^*8^*(7^6*5^*(5+4)^3+2-1)$
214447239	G	$9^*8^*7+((6+5)^4+3)^2-1$	228709872	G	$9^*8^*(7^6*5^*(5+4)^3+2+1)$
214645336	G	$(9^8-7^6)^*5-4^*3^*2^*1$	229773673	P	$-9^8-7^*(-(6+5)^4+3)^*2^*1$
214990779	G	$-9^*(8+((-7-65)^4)^3)+2+1$	229773680	P	$-9^8-7^*(-(6+5)^4+3)^*2-1$
215233201	G	$(9^8-76)^*5-4^*3^*2^*1$	230591744	G	$98^*(7^6*5^4-3)^{-2^*1}$
215233344	G	$(9^8-7+6)^*5-4^*(3+2-1)$	230591748	G	$98^*(7^6*5^4-3)+2^*1$
215233454	G	$(9^8-7-6)^*5-4^*3^*2^*1$	230592009	G	$98^*7^6*5^4-32+1$
215233491	G	$(9^8-7-6)^*5-(4+3)^2*1$	230592035	G	$98^*7^6*5^4-3-2^*1$
215233514	G	$(9^8-7+6)^*5-4^*3^*2^*1$	230592332	G	$98^*(7^6*5^4+3)^{-2^*1}$
215233516	G	$(9^8-7-6)^*5-4^*3^*2^*1$	230592336	G	$98^*(7^6*5^4+3)+2^*1$
215233719	G	$(9^8+7+6)^*5+(4+3)^2*1$	230660054	G	$9^*((8+7)^6-5)/4^*3^2-1$
215233748	G	$9^8^*(7-6)^*5+(4^*3)^2-1$	231039990	G	$-9+(8^*(7-(-6-5^4)^3))^2-1$
215233756	G	$(9^8+7+6)^*5+4^*3^*2^*1$	231735286	G	$-9+8^*7^*(6+5^4*3)/2-1$
215233866	G	$(9^8+7-6)^*5+4^*(3+2-1)$	231993015	G	$(-9-876)^*(5-4^*(3^2*1))$
215233961	G	$(9^8+76)^*5-4^*3^*2^*1$	232339950	G	$-9-8-(7^*-6)^5*(4/3)^2-1$
215568854	P	$-9-8^*7^*(-(654^*3)^2-1)$	233154686	G	$(9^8+7^6*5^4-3)^*2^*1$
215568911	G	$-9-8^*-7^*((654^*3)^2+1)$	233154698	G	$(9^8+7^6*5^4+3)^*2^*1$
215737334	G	$-9+(8^*(-7-(-6-5^4)^3))^2-1$	234457334	G	$-9+(8^*(-7-(6+5^4)^3))^2-1$
215821826	G	$(9^8+7^6)^*5-4^*3^*2^*1$	236679553	G	$-9^8+7+654^3+2+1$
216913974	G	$-9+(8^*7^*(65^4+3))^2-1$	236741532	P	$-9+(8-7^*(-(65+4))^3)^2-1$
217508955	G	$-9+(8-7^6+5)^*-4^3^2^*1$	236756921	G	$((9^8-7)^*(6+5)/4-3)^*2^*1$
217687491	G	$-9+(8+7)^6*(5^4+3^2-2-1)$	236756933	G	$((9^8-7)^*(6+5)/4+3)^*2^*1$
217704958	G	$((98+7^6-5)^4)^3^2^*1$	236756998	G	$((9^8+7)^*(6+5)/4-3)^*2^*1$
217975695	P	$((-9^8-(-8-7)+6)+5)/4-3)^2-1$	236757010	G	$((9^8+7)^*(6+5)/4+3)^*2^*1$
217975697	P	$((-9^8-(-8-7)+6)+5)/4-3)^2+1$	236757011	G	$((9^8+7)^*(6+5)/4+3)^*2+1$
218174830	G	$(9^8+7^6*5)^*(4+3-2)^*1$	237176775	P	$-(-9-8)^*7-(6-5^4)^3-2-1$
218335656	G	$-9^8-((7^*-6)^5+43)^*2-1$	238085457	P	$-98-7^*(-(6^*54)^3-2)+1$
218335729	G	$-9^8+((7^*6)^5-4-3)^*2^*1$	238085469	G	$-98+7/(6^*54)^{-3-2+1}$
218335730	G	$-9^8+((7^*6)^5-4-3)^*2+1$	238085509	G	$-9^8-7^*((6^*-54)^3-2)-1$
218335742	G	$-9^8-((7^*6)^5-4+3)^*-2+1$	238177607	G	$-9^8+(7^*(6+5))^4*(3^2-1)$
218335743	G	$-9^8-(7^*-6)^5/(4-3)^*2^*1$	239327694	G	$-9^8+(7^*(6-(5-4))-3)^2-1$
218335758	G	$-9^8+((7^*6)^5-(-4-3))^*2+1$	239382774	G	$-9+(8^*(7-(6^5/4-3)))^2-1$
218335828	G	$-9^8+((7^*6)^5+43)^*2-1$	239529378	G	$-9^8+(7^*(6-(5-4))+3)^2-1$
219039990	G	$-9^8-(7^*(7-(-6+5^4)^3))^2-1$	239859102	P	$(9^8-(7^*6)^5+4+3)/(2^*1)$
219188321	G	$9^*8^*7^*(6^(-5+4^*3)-2)-1$	239859105	G	$(-9^8-(7^*-6)^5+4+3)/(2^*1)$
219188323	G	$9^*8^*7^*(6^(-5+4^*3)-2)+1$	240684186	P	$-9+(8^*(-(-7+6^5)/4+3))^2-1$
219191453	G	$9^*8^*7^*(6^(-5+4^*3)+2)-1$	240870390	G	$-9+(8^*(7-6^5/4-3))^2-1$
219191455	G	$9^*8^*7^*(6^(-5+4^*3)+2)+1$	241336215	G	$-9+(8^*(7-6^5)/4+3)^2-1$
219702955	P	$-(9+8)+(-7^*-(-6-5)+4)^*-3^2-2+1$	241522671	G	$-9+(8^*(7-6^5)/4-3)^2-1$
221771656	G	$-9+(876^*(5^*-4+3))^2+1$	241553754	G	$-9+(8^*((-7-6^5)/4+3))^2-1$
222367734	G	$-9+(8^*(7+(-6+5^4)^3))^2-1$	241864842	P	$-((9-8^*(7+6^5+4))^3+2)-1$
222899023	P	$-(9+8)-7^*-6^5*(4^*(3^2-1))$	241912008	G	$9^*8^*(7^6-5^4*3)^2(2^*1)$
222899039	P	$-(9-8)-7^*-6^5*(4^*(3^2-1))$	242175834	G	$-9+(8^*((-7+6^5)/4+3))^2-1$
222986231	G	$-9+(8+7^6*5)^4*(3^2*1)$	242206959	G	$-9+(8^*(7+6^5)/4-3)^2-1$
223948878	G	$-9^8+(76^*5^4*3)^2-1$	242393751	G	$-9+(8^*(7+6^5)/4+3)^2-1$
224140703	P	$-9^8-76^*(-(5^4*3)^2+1)$	242861046	G	$-9+(8^*(7+6^5/4-3))^2-1$
224140779	P	$-(9^8-76^*(5^4*3)^2)^*1$	242970616	P	$-9+(-8-7)^6+5^4)^3+2-1$
224160776	G	$-9+(8^*(7/6-5^4)^3)^2+1$	243048090	P	$-9+(8^*(-(-7-6^5)/4+3))^2-1$
224280566	G	$-9+(8^*(-7+6+5^4)^3)^2-1$	243101248	G	$-9+(((8+(7+6))^5)^4+3)^*2+1$
225266310	G	$9^*(-8^7+6)-(-5^4(4^*3)+2)+1$	244140383	P	$-9^8-((-8-7)/6)^5-5^4(4^*3)^2-1$
225266314	G	$9^*(-8^7+6)+5^4(4^*3)+2+1$	244141380	P	$-(-9^*(8+76)^5-5^4(4^*3))-2+1$
225357148	G	$-9-(8-(7^*(65+4))^3)^*2-1$	244141384	P	$-(-9^*(8+76)^5-5^4(4^*3))+2+1$
225357156	P	$-9+(8-(7^*(65+4))^3)^2-1$	244141461	P	$-(-9^*(87+6)^5-5^4(4^*3))-2+1$
225703116	G	$-9+(8+7)^6*5*(4-3^2(-2-1))$	244141465	P	$-(-9^*(87+6)^5-5^4(4^*3))+2+1$
225720566	G	$-9+(8^*(-7+6-5^4)^3)^2-1$	244141902	P	$-(-98^*(7+6)^5-5^4(4^*3))+2+1$
225840776	G	$-9+(8^*(7/6+5^4)^3)^2+1$	244359414	G	$-9+(8^*(7-(-6^5/4-3)))^2-1$
226491829	G	$(9^*(8^7-6)+5)^4*3+2-1$	245314368	G	$-9+((8-7)^6+5^4)^3+2-1$
226493050	G	$-9+((8^7+6)^5*4-3)^*2+1$	246063974	G	$-9-(8-7/(65^4)^{-3})^2-1$
226493125	G	$(9^*(8^7+6)+5)^4*3+2-1$	246063984	P	$-9+8-7^*(65^4)^3+2+1$
227181144	G	$(9^8+7^*6^5(5+4)-3)^*2^*1$	246819761	G	$98/(7-6^5)^{-4^*3^2-1}$
227181180	G	$(9^8+7^*6^5(5+4)-3)^*2^*1$	248629816	G	$-9+(876^5/3)^2+1$
227181192	G	$(9^8+7^*6^5(5+4)+3)^*2^*1$	249908682	G	$-9+(-8-7^*(-65^4+3))^*2-1$
227181228	G	$(9^8+7^*6^5(5+4)+3)^*2^*1$	251008550	G	$-9^8+(7^*6)^5/4^*3^2-1$
227647734	G	$-9+(8^*(7+(-6-5^4)^3))^2-1$	251657168	G	$(-9+8^7)^6*5^4+3^2-1$

251658284	G	$(9+8^7*6^5)*4+3^2-1$	258282342	G	$(9^8-7*(6-54))^3*2*1$
252226875	G	$(9^8-7+6)/(5/4)^{-3*(2+1)}$	258282846	G	$(9^8+7*(6+54))^3*2*1$
253935647	G	$9*8*((-7+6-5^4)*3)^2-1$	258285909	G	$(9^8-7)^6+5^4*3^4(2^*1)$
254118393	G	$9-(8-7^6*5)*432*1$	258285993	G	$(9^8+7)^6+5^4*3^4(2^*1)$
254121741	G	$-98+7^6*5*432-1$	258300848	G	$(9^8+7)^6+5^4*4^3(3+2+1)$
254121742	G	$-98+7^6*5*432*1$	258306528	G	$(9^8-7)^6+(54^3)^2(2^*1)$
254125305	G	$9+(8+7^6*5)*432*1$	258306612	G	$(9^8+7)^6+(54^3)^2(2^*1)$
254574583	G	$-9-8*(7-6^5)^4*(3^2*1)$	258307794	G	$(9^8+7^6*54)^3*2*1$
254574584	G	$-9-8*(-7+6^5)^4*(3^2*1)+1$	258326250	G	$(9^8+7654)^3*2*1$
254804113	P	$-((-9+8-7)*6)^5+(4^3)^2+1$	258595212	G	$(9^8-7)^6+54^3*2*1$
255033336	G	$-9-8*(7-6^5)^4*(3^2*1)+1$	258595296	G	$(9^8+7)^6+54^3*2*1$
255033354	G	$9-8*(7-6^5)^4*(3^2*1)+1$	258986340	G	$(9^8+7^6+5^4)^3*(3+2+1)$
255091688	G	$9+(-8-7)*(6^5*4)^3/-2-1$	259591004	G	$(9^8-7)^6+5^4*4^3(3^2*1)$
255377400	G	$-9-(8^7-6^6(5+4))^3*2+1$	259591088	G	$(9^8+7)^6+5^4*4^3(3^2*1)$
256048121	P	$((9^8*7)^{-(-(-6+5)-4)-3})^2-1$	259919999	G	$9^8*(7-(-6-5^4)*3)^2-1$
256048123	P	$((9^8*7)^{-(-(-6+5)-4)-3})^2+1$	260112374	G	$-9+(8^7*6*(5+43))^2-1$
256048133	P	$((9^8*7)^{-(-(-6+5)-4)-3})^*-2-1$	260304027	G	$(-987-6)^5(5-4^4(3^2*1))$
256048135	P	$((9^8*7)^{-(-(-6+5)-4)-3})^*-2+1$	262840679	G	$-9^8+7^6*(54-3)^2-1$
256103711	G	$9^8*(7+(-6-5^4)*3)^2-1$	262958328	G	$-9^8+7^6*(54-3)^2(2^*1)$
256256054	G	$-9+(8*(7^6+5^4)*3)^2-1$	263015046	G	$9*(8^7+6)^{-(-5^4(4^3)+2)+1}$
256629215	G	$-9^8+7^6(6543^2-1)$	263015050	G	$9*(8^7+6)+5^4(4^3)+2+1$
256969564	G	$(9^8-7)^6-5^4*4^3(3^2*1)$	263639946	P	$-9+(-8-7)*(-((65^4)^3-2)+1)$
256969648	G	$(9^8+7)^6-5^4*4^3(3^2*1)$	263764511	G	$9^8*((-7-6-5^4)*3)^2-1$
257158359	G	$(-987+6)^5(5-4^4(3^2*1))$	264592008	G	$9^8*(7^6+5^4*3)^2(2^*1)$
257965356	G	$(9^8-7)^6-54^3*2*1$	265625791	G	$9^8*7-(65^4+3)^2*1$
257965440	G	$(9^8+7)^6-54^3*2*1$	265625803	G	$9^8*7-(65^4-3)^2*1$
258234402	G	$(9^8-7654)^3*2*1$	266115169	G	$-9^8+(7+(6+5^4)^3)^2+1$
258252858	G	$(9^8-7^6*54)^3*2*1$	266897382	P	$-(-9-8*(76^5(5-(4-3))-2))-1$
258254040	G	$(9^8-7)^6-(54^3)^2(2^*1)$	266897420	G	$9+8^7*6^5(5-4+3)+2+1$
258254124	G	$(9^8+7)^6-(54^3)^2(2^*1)$	266995618	P	$-(-9-8)+(76^5*43)^2+1$
258274659	G	$(9^8-7)^6-5^4*4^3(2^*1)$	266995673	P	$-(-9-8-(76^5*43)^2)+1$
258274743	G	$(9^8+7)^6-5^4*4^3(2^*1)$	267089974	G	$-9+((8*(76+5)-4)^3-2+1)$
258277806	G	$(9^8-7^6(6+54))^3*2*1$	267187559	P	$-(9+8)-76^5(-5^4*3)^2-1$
258278310	G	$(9^8+7^6(6-54))^3*2*1$	267187575	P	$-(9-8)-76^5(-5^4*3)^2-1$
258278923	G	$(9^8+7)^6-(5-43)^2-1$	268062047	P	$-(-9+8+7)^6+54^3(3+2)-1$
258279028	G	$(9^8-7)^6-(5^4+3)^2*1$	268435576	G	$-9+(8^7+6(5-5))^4*3^2+1$
258279040	G	$(9^8-7)^6-(5^4-3)^2*1$	268443768	G	$-9+(8^7+65)^4*3^2+1$
258279112	G	$(9^8+7)^6-(5^4+3)^2*1$	269485048	G	$-9+(8^7*6^5(-5-4)^3)^2+1$
258279124	G	$(9^8+7)^6-(5^4-3)^2*1$	270837503	G	$(-98+7^6)^5(5+43)^2-1$
258279546	G	$(9^8-76-54)^3*2*1$	271051776	G	$9^8*(-7^6+5)/(4^4-3^3(2^*1))$
258279798	G	$(9^8-7)^6-54^3*2*1$	271061856	P	$9^8*(-8^7+6+5)/(4^4-3^3(2^*1))$
258279823	G	$(9^8+7)^6-54^3*2*1$	271064736	G	$9^8*(8^7+6+5)/(4^4-3^3(2^*1))$
258279854	G	$(9^8-7)^6-5^4*3^2*1$	271074816	G	$9^8*(7^6+5)/(4^4-3^3(2^*1))$
258279882	G	$(9^8+7)^6-5^4*3^2*1$	271093960	G	$9^8*7-6^5(5+4)^3+2-1$
258279938	G	$(9^8+7)^6-5^4*3^2*1$	271093962	G	$9^8*7-6^5(5+4)^3+2+1$
258279960	G	$(9^8-7)^6-54^3*2*1$	272094579	G	$((-9-8)^7+6^5(5+4))^3(2+1)$
258280044	G	$(9^8+7)^6-54^3*2*1$	272097726	G	$-9-(8*(7-(6^5*4^3)+2)+1)$
258280146	G	$(9^8-7)^6-(5+4^3)^2*1$	272099295	P	$9^8*(-(-8^7+6+5(5+4))^3+2+1)$
258280166	G	$(9^8-7)^6+(5-4^3)^2*1$	273375110	G	$-9+((8+7)^6+5)^4*3^2-1$
258280170	G	$(9^8-7)^6-(54+3)^2*1$	273504070	G	$-9+(8^7+6^5)^4*(3+2)-1$
258280192	G	$(9^8-7)^6-5-43^2-1$	275001246	G	$-9^8+7^6(6^5+4)^3(3+2)-1$
258280272	G	$(9^8-7)^6-(5+4+3)^2(2-1)$	275001254	G	$-9^8+7^6((6^5+4)^3(3+2)+1)$
258280380	G	$(9^8+7)^6-5^4+32*1$	275365878	G	$-9+(8^7)^6(6-(5-4)^3)/2-1$
258280482	G	$(9^8+7)^6+(54+3)^2*1$	275876043	G	$-9+876*(54^3*2-1)$
258280486	G	$(9^8+7)^6-(5-4^3)^2*1$	276710328	G	$(98^7+6-5)^4*3^2*1$
258280488	G	$(9^8+7)^6+5^4*3^2(2^*1)$	276710329	G	$(98^7+6-5)^4*3^2+1$
258280506	G	$(9^8+7)^6+(5+4^3)^2*1$	276710433	P	$(98^7-(7-6-5)-4)^3*2-1$
258280533	G	$(9^8+7)^6+54^3*2+1$	276710435	P	$(98^7-(7-6-5)-4)^3*2+1$
258280608	G	$(9^8-7)^6+54^3*2*1$	276710461	P	$(98^7-(7-6-5)+4)^3*2-1$
258280692	G	$(9^8+7)^6+54^3*2*1$	276710463	P	$(98^7-(7-6-5)+4)^3*2+1$
258280714	G	$(9^8-7)^6+5^4*3^2*1$	276710567	G	$(98^7+6+5)^4*3^2-1$
258280770	G	$(9^8-7)^6+5^4*3^2*1$	276710568	G	$(98^7+6+5)^4*3^2*1$
258280798	G	$(9^8+7)^6+5^4*3^2*1$	278712165	G	$(9+876)^5(54^3*2+1)$
258280854	G	$(9^8+7)^6+54^3*2*1$	279017839	G	$-9-8/7*(6-5^4(4^3)+2)*1$
258281106	G	$(9^8+76+54)^3*2*1$	279017840	G	$-9-8/7*(6-5^4(4^3)+2)+1$
258281528	G	$(9^8-7)^6+(5^4-3)^2*1$	279439558	P	$-9^8+7-6^5(5+4)^3-(32^*1)$
258281540	G	$(9^8-7)^6+(5^4+3)^2*1$	279439774	P	$-(9^8-(7+6^5(5+4))^3*2)-1$
258281612	G	$(9^8+7)^6+(5^4-3)^2*1$	280093686	G	$-9+(8/7*((6+5)^4+3))^2-1$
258281624	G	$(9^8+7)^6+(5^4+3)^2*1$	281031686	G	$-9+((8-(7-6))^5-43)^2-1$
258281729	G	$(9^8-7)^6+(5-43)^2+1$	282127047	G	$9^8*7-6^5(5^4)^3(3+2*1)$

282316308	P	$-(9 - ((8*(7+6)+5)^4 - 3)^2) + 1$	301321476	G	$9^8 * 7 + (6 - 5^4) * 3^4 (2*1)$
282316318	G	$-9 + ((-8*(7+6) - 5)^4 + 3)^2 - 1$	301321690	G	$(9^8 - 765) * (4+3) - 2*1$
282576027	G	$-9*8 + (7^4(6 - (5-4)) + 3)^2 - 1$	301321694	G	$(9^8 - 765) * (4+3) + 2*1$
282905823	P	$(-9^8 + (7^* - 6)^5 * 4 + 3) / (-2*1)$	301323243	G	$9^8 * 7 - 6 * (5^4 + 3^4 (2*1))$
282905826	G	$(9^8 + (7^*6)^5 * 4 + 3) / (2*1)$	301323287	G	$9^8 * 7 - 6 * 5^4 - 3^2 - 1$
283476395	G	$9^8 * 7 - 65^4 - 3^4 (2+1)$	301323289	G	$9^8 * 7 - 6 * 5^4 - 3^2 + 1$
283476449	G	$9^8 * 7 - 65^4 + 3^4 (2+1)$	301323351	G	$9^8 * 7 - 6 * (5^4 - 3^4 (2*1))$
283681349	G	$-9^8 + ((7^* - 6)^5 + 4) * (-3/2 - 1)$	301324300	G	$9^8 * 7 + (6 - 5^4)^3 - 2 - 1$
283922490	G	$-9 + ((8 - (7 - 6))^5 + 43)^2 - 1$	301324302	G	$9^8 * 7 + (6 - 5^4)^3 - 2 + 1$
285212664	G	$-9 + 8^7 * (6 * (5^4 + 3) - 2) + 1$	301324304	G	$9^8 * 7 + (6 - 5^4)^3 - 2 - 1$
287495990	G	$-9 + ((8+7) * (6+5)^4)^3 - 2 + 1$	301324306	G	$9^8 * 7 + (6 - 5^4)^3 + 2 + 1$
287999976	P	$-9 + (-8 - 7)^* - (6 / (5^4))^4 (-3 - 2) - 1$	301324451	G	$9^8 * 7 + 6 - (5 - 4)^2 - 1$
289407796	G	$-9 + (8^7 + 6) * (5 + 4^3)^2 + 1$	301324453	G	$9^8 * 7 + 6 - (5 - 4 - 3)^2 + 1$
291249341	G	$9^8 * 7 - 6^4 (5 + 4) - 3^2 - 1$	301324838	G	$9^8 * 7 - (65 + 4) * 32 - 1$
291249343	G	$9^8 * 7 - 6^4 (5 + 4) - 3^2 + 1$	301324840	G	$9^8 * 7 - (65 + 4) * 32 + 1$
291249353	G	$9^8 * 7 - 6^4 (5 + 4) + 3 - 2 + 1$	301325096	G	$9^8 * 7 - (65 - 4) * 32 + 1$
291249355	G	$9^8 * 7 - 6^4 (5 + 4) + 3 + 2 - 1$	301325510	G	$9^8 * 7 + (6 - 5 - 4) * 32 - 1$
291249359	G	$9^8 * 7 - 6^4 (5 + 4) + 3^2 - 1$	301325512	G	$9^8 * 7 + (6 - 5 - 4) * 32 + 1$
291249361	G	$9^8 * 7 - 6^4 (5 + 4) + 3^2 + 1$	301325779	G	$9^8 * 7 - (6 + 5^4 + 3)^2 * 1$
293601272	P	$-9 - 8^7 * (6 * (5^4 + 3) + 2) + 1$	301325785	G	$9^8 * 7 - 6 - (5^4 + 3)^2 * 1$
293642486	G	$-9 + (8^7 * 6 * (5 - 4))^2 - 1$	301325791	G	$9^8 * 7 - (6 + 5^4 - 3)^2 * 1$
294122480	G	$-9 - 8 * (7^6 * 5^4 - 4 - 3) / -2 + 1$	301325797	G	$9^8 * 7 - 6 - (5^4 - 3)^2 * 1$
295417310	G	$(9^8 - 76^5 / 4 + 3) / (-2*1)$	301325803	G	$9^8 * 7 + (6 - 5^4 - 3)^2 * 1$
295537114	G	$(9 + 8 / 7^4 - 6) * (5^4 + 3) / (2*1)$	301325809	G	$9^8 * 7 + 6 - (5^4 - 3)^2 * 1$
296351986	G	$-9 + (-8 + (7^6 * 5^4)^3) / 2 - 1$	301325815	G	$9^8 * 7 + (6 - 5^4 + 3)^2 * 1$
296475336	G	$9^8 * (7^6 * 5 * (4 + 3) - 2 * 1)$	301325949	G	$9^8 * 7 - (6 + 543) * (2 * 1)$
296475408	G	$9^8 * (7^6 * 5 * (4 + 3) - 2 + 1)$	301325973	G	$9^8 * 7 + (6 - 543) * (2 * 1)$
296475552	G	$9^8 * (7^6 * 5 * (4 + 3) + 2 - 1)$	301326100	G	$9^8 * 7 - (6 + 5) * 43^2 - 1$
296475624	G	$9^8 * (7^6 * 5 * (4 + 3) + 2 * 1)$	301326147	G	$9^8 * 7 - (6 * 5)^4 (4 - 3 + 2 - 1)$
297795576	G	$-9 - 8^7 * ((6 - 54) * 3 + 2) + 1$	301326406	G	$9^8 * 7 - 6 - 5^4 - 3^2 - 1$
298960743	G	$9^8 * 7 - 6^4 (5^4 + 3)^2 (2 * 1)$	301326408	G	$9^8 * 7 - 6 - 5^4 - 3^2 + 1$
299005743	G	$9^8 * 7 - 6^4 (5^4 - 3)^2 (2 * 1)$	301326418	G	$9^8 * 7 - 6 - 5^4 + 3 - 2 + 1$
299675933	P	$-(9 + 8) + 7 * (6543^2 + 1)$	301326435	G	$9^8 * 7 + 6 - 5^4 + 3^2 + 1$
299675949	P	$-(9 - 8) + 7 * (6543^2 + 1)$	301326455	G	$9^8 * 7 + 6 - 5^4 + 3^2 (2 + 1)$
299754153	G	$9^8 * 7 - 6^4 (5 + 4^3)^2 (2 * 1)$	301326599	G	$9^8 * 7 + (6 - 5^4)^3 * 2 * 1$
299847672	G	$-9 + (87 + 6 - 5)^4 * (3 + 2) + 1$	301326629	G	$9^8 * 7 + (6 - 5^4 * 43)^2 * 1$
299892726	G	$-9 + 8^7 * (6 + 5) * (4 + 3^2) - 1$	301326779	G	$9^8 * 7 - 65^4 - 3^2 + 1$
299902022	G	$-9 + (8^7 + 65) * ((4 * 3)^2 - 1)$	301326800	G	$9^8 * 7 - (6 * 5^4 + 3)^2 - 1$
300207302	G	$9^8 * 7 - 6^4 * 5 * (4^3)^2 - 1$	301326809	G	$9^8 * 7 + 6 - 5 * (4 + 3)^2 + 1$
300207304	G	$9^8 * 7 - 6^4 * 5 * (4^3) + 2 + 1$	301326964	G	$9^8 * 7 - 6 + (5 - 43)^2 - 1$
300382260	G	$9^8 * 7 - 6^4 * 5^4 - 3 - 2 - 1$	301327130	G	$9^8 * 7 + 6 - (5 - 43)^2 + 1$
300382262	G	$9^8 * 7 - 6^4 * 5^4 - 3 - 2 + 1$	301327150	G	$9^8 * 7 + 6 + (5 + 43)^2 + 1$
300795600	G	$9^8 * 7 - 6 - (5 + 4)^3 (2 * 1)$	301327196	G	$9^8 * 7 + 6 + (5 + 4 + 3)^2 - 1$
300795612	G	$9^8 * 7 + 6 - (5 + 4)^3 (2 * 1)$	301327294	G	$9^8 * 7 + (6 * 5^4 + 3)^2 + 1$
300929506	G	$9^8 * 7 - 6 - 5^4 * 43^2 (2 + 1)$	301327465	G	$9^8 * 7 - (6 - 5^4 * 43)^2 * 1$
301257027	G	$9^8 * 7 - (6^5 + 4)^3 * 2 * 1$	301327495	G	$9^8 * 7 - (6 - 5^4)^3 * 2 * 1$
301257099	G	$9^8 * 7 - (6^5 - 4)^3 * 2 * 1$	301327639	G	$9^8 * 7 - 6 + 5^4 - 3^2 (2 + 1)$
301260997	G	$9^8 * 7 - (65^4 - 3)^2 - 1$	301327656	G	$9^8 * 7 - 6 + 5^4 - 4 - 3^2 - 1$
301260999	G	$9^8 * 7 - (65^4 - 3)^2 + 1$	301327658	G	$9^8 * 7 - 6 + 5^4 - 3^2 + 1$
301295933	G	$9^8 * 7 - 6^4 * 5^4 - 3^2 - 1$	301327676	G	$9^8 * 7 + 6 + 5^4 - 3 + 2 - 1$
301295935	G	$9^8 * 7 - 6^4 * 5^4 - 3^2 + 1$	301327685	G	$9^8 * 7 + 6 + 5^4 + 3^2 + 1$
301295951	G	$9^8 * 7 - 6^4 * 5^4 + 3^2 - 1$	301327947	G	$9^8 * 7 + (6 * 5)^4 (4 - 3 + 2 - 1)$
301295953	G	$9^8 * 7 - 6^4 * 5^4 + 3^2 + 1$	301327994	G	$9^8 * 7 + (6 + 5) * 43^2 + 1$
301306708	G	$9^8 * 7 - (6 + 5) * 43^2 * 1$	301328121	G	$9^8 * 7 - (6 - 543) * (2 * 1)$
301311471	G	$9^8 * 7 - (6^5 + 4^3) * 2 * 1$	301328145	G	$9^8 * 7 + (6 + 543) * (2 * 1)$
301311519	G	$9^8 * 7 - (6^5 - 4^3) * 2 * 1$	301328279	G	$9^8 * 7 - (6 - 5^4 + 3)^2 * 1$
301317795	G	$9^8 * 7 - 6 - 5^4 * 43^2 - 1$	301328285	G	$9^8 * 7 - 6 + (5^4 - 3)^2 * 1$
301317797	G	$9^8 * 7 - 6 - 5^4 * 43^2 + 1$	301328291	G	$9^8 * 7 - (6 - 5^4 - 3)^2 * 1$
301318246	G	$9^8 * 7 - 6^4 - 4^4 (3 + 2) - 1$	301328297	G	$9^8 * 7 - 6 + (5^4 + 3)^2 * 1$
301318248	G	$9^8 * 7 - 6^4 - 5 - 4^4 (3 + 2) + 1$	301328303	G	$9^8 * 7 + (6 + 5^4 - 3)^2 * 1$
301319246	G	$9^8 * 7 - 6^4 - 5 - 4^3 * 2 - 1$	301328309	G	$9^8 * 7 + 6 + (5^4 + 3)^2 * 1$
301320027	G	$9^8 * 7 - 65^4 * 3^4 (2 + 1)$	301328315	G	$9^8 * 7 + (6 + 5^4 + 3)^2 * 1$
301320294	G	$9^8 * 7 - 6^4 * 5 + 4^4 (3 + 2) - 1$	301329254	G	$9^8 * 7 + (65 + 4)^3 * 2 - 1$
301320872	G	$9^8 * 7 - 6^4 * (5 + 4^4 (3 + 2)) - 1$	301329256	G	$9^8 * 7 + (65 + 4) * 32 + 1$
301320874	G	$9^8 * 7 - 6^4 * (5 + 4^4 (3 + 2)) + 1$	301329641	G	$9^8 * 7 - 6 + (5 - 4 - 3)^2 - 1$
301320932	G	$9^8 * 7 + 6^4 * (5 - 4^4 (3 + 2)) - 1$	301329643	G	$9^8 * 7 - 6 + (5 - 4 - 3)^2 + 1$
301320934	G	$9^8 * 7 + 6^4 * (5 - 4^4 (3 + 2)) + 1$	301330743	G	$9^8 * 7 + 6 * (5^4 - 3^4 (2 * 1))$
301321368	G	$9^8 * 7 - (6 + 5^4) * 3^4 (2 * 1)$	301330851	G	$9^8 * 7 + 6 * (5^4 + 3^4 (2 * 1))$
301321427	G	$9^8 * 7 + 6 - 5^4 * 3^2 - 1$	301331424	G	$9^8 * 7 + 6 * (5 + 4)^3 + 2 + 1$
301321429	G	$9^8 * 7 + 6 - 5^4 * 3^2 + 1$	301332400	G	$(9^8 + 765) * (4 + 3) - 2 * 1$

301332404	G	$(9^8+765)^*(4+3)+2^*1$	311404753	G	$9^8*7+6^*(5+4)+3^2+1$
301332618	G	$9^8*7-(6-5^4)*3^(2^*1)$	311794670	G	$-9-8*(7-(6+5)^(4+3))^2-1$
301332677	G	$9^8*7+6+5^4*3^2-1$	312237847	G	$-9+(8+7^6)^5-4^4(3^2*1)$
301332679	G	$9^8*7+6+5^4*3^2+1$	312408776	P	$-(9+8)+(7+6^4(5+4))^*(32-1)$
301332726	G	$9^8*7+(6+5^4)*3^(2^*1)$	312408792	P	$-(9-8)+(7+6^4(5+4))^*(32-1)$
301333160	G	$9^8*7-6*(5-4^4(3+2))-1$	314573699	G	$9*(8^7+6)^5*(4/3+2)-1$
301333162	G	$9^8*7-6*(5-4^4(3+2))+1$	314573701	G	$9*(8^7+6)^5*(4/3+2)+1$
301333220	G	$9^8*7+6*(5+4^4(3+2))-1$	315675957	G	$9^8*(76-54)/3+2+1$
301333222	G	$9^8*7+6*(5+4^4(3+2))+1$	316669942	G	$-9+8^7*(65+43^2)-1$
301334067	G	$9^8*7+65^4*3^2(2+1)$	318661326	P	$-(9+8)^7+(6^5)^(4^3/2)-1$
301335794	G	$9^8*7+6*(5+4)^3*2-1$	319081152	G	$-9^8+(7-65)^4*3^2+1$
301335796	G	$9^8*7+6*(5+4)^3*2+1$	319177645	G	$9^8*7+65^4-3^2(2+1)$
301341681	G	$9^8*7+(6+5)^4-3^2-1$	319177699	G	$9^8*7+65^4+3^2(2+1)$
301341695	G	$9^8*7+(6+5)^4+3^2+1$	319812138	G	$(9^8-(7^6)^5*4)/(-3/2^*1)$
301342575	G	$9^8*7+(6^5-4^3)^2*1$	320003104	G	$(9+8)^*(7^6*5-4)^3*2^1$
301342623	G	$9^8*7+(6^5+4^3)^2*1$	320007456	G	$(9+8)^*(7^6*5+4)^3*2^1$
301347386	G	$9^8*7+(6+5)^4*3^2*1$	320013486	G	$-9-(8-(76*(5+4))^3+2)+1$
301358141	G	$9^8*7+6^5*4-3^2-1$	320527047	G	$9^8*7+6*(5^4)^3(2+1)$
301358143	G	$9^8*7+6^5*4-3^2+1$	320864259	G	$9^8*7^*(6+5^4+3)+2+1$
301393095	G	$9^8*7+(65^4-3)^2-1$	321887520	G	$-9^8*(7^6*(5-43)+2^*1)$
301393097	G	$9^8*7+(65^4-3)^2+1$	321887808	G	$-9^8*(7^6*(5-43)-2^*1)$
301396995	G	$9^8*7+(6^5-4)^3*2^*1$	322083202	G	$(-9-8)^7+6^5*(4^3)/(2^*1)$
301397067	G	$9^8*7+(6^5+4)^3*2^*1$	322484470	G	$-9+(8^7-6^4(5+4))^*-32-1$
301414892	G	$9^8*7+(6+5)^4+3^2-1$	322485784	G	$-9-(8+7-6^4(5+4))^3*2-1$
301414894	G	$9^8*7+(6+5)^4+3^2+1$	322486032	G	$-9-8+(-7+6^4(5+4))^3*2+1$
301425377	G	$-9^8+(76+5^4)^3-2-1$	322486232	G	$-9+(-8+7+6^4(5+4))^3*2+1$
301425379	G	$-9^8+(76+5^4)^3-2+1$	322486397	P	$-98-(-7-6^4(-5-4))^3*2-1$
301425381	G	$-9^8+(76+5^4)^3+2-1$	322486478	G	$-9-8-(-7-6^4(5+4))^3*2-1$
301425383	G	$-9^8+(76+5^4)^3+2+1$	322486480	G	$-9-8-(-7-6^4(5+4))^3*2+1$
301724588	G	$9^8*7+6+5^4*3^2(2+1)$	322486742	G	$-9+(8+7+6^4(5+4))^3*2-1$
301858482	G	$9^8*7-6+(5+4)^3(2^*1)$	322486744	G	$-9+(8+7+6^4(5+4))^3*2+1$
301858494	G	$9^8*7+6+(5+4)^3(2^*1)$	322489046	P	$-9-(-87-6^4(-5-4))^3*2-1$
301978529	G	$-9^8+(7^6+5+4)^3(2+1)-1$	322850319	G	$((9^8-7)/6^5-4)^3*2^*1$
301986863	P	$(-9-8^7+6^5)^*(4^3)^2-1$	322850391	G	$((9^8-7)/6^5+4)^3*2^*1$
301989114	G	$9*(8^7+6-5)-43)^2*1$	322850424	G	$((9^8+7)/6^5-4)^3*2^*1$
301989802	G	$(9^8*(7+6-5)-43)^2*1$	322850496	G	$((9^8+7)/6^5+4)^3*2^*1$
301989858	G	$(-9-8^7*(6-54))^3*2-1$	323136566	G	$-9+(8^7*(6-54+3))^2-1$
301989974	G	$(9^8*(7+6-5)+43)^2*1$	324606403	P	$-9^8-7^6*5^4*(3+2)-1$
301990013	G	$9*(8^7+6-5)+4+3)^2-1$	324606404	G	$-9^8-7^6*5^4*(3+2)+1$
301990014	G	$9*(8^7+6-5)+4+3)^2+1$	325900542	G	$-9^8+(7*(6-5^4)^3)^2-1$
301990662	G	$9*(8^7+6-5)+4+3)^2*1$	328334390	G	$-9+(8*(-7^6*54+3))^2-1$
301992769	P	$(-9-8^7-6-5)^*(4^3)^2+1$	329059590	G	$-9+((8-7^6*5+4)/3)^2-1$
301995503	P	$(-9-8^7-6^5)^*(4^3)^2-1$	329252864	G	$(9-8+7)^6*(5^4+3)^2*1$
302446790	G	$9^8*7+6^5*(4^3)^2-1$	329349894	G	$-9+((8+7^6*5+4)/3)^2-1$
302446792	G	$9^8*7+6^5*(4^3)^2+1$	330076214	G	$-9+(8*(7^6*54+3))^2-1$
303648351	G	$9^8*7+6*(5^4-3)^2(2^*1)$	330243076	G	$(9^8-7^6*54)^3*2+1$
303693351	G	$9^8*7+6*(5^4+3)^2(2^*1)$	330865299	G	$-9*((-8+7^6)^5-5^4+3)/(2^*1)$
303905016	G	$9^8*7*(6-5^4*3)^2(2^*1)$	330865311	G	$(-9*(8-7^6)^5*4-3)/(2^*1)$
305463231	G	$-9^8+(7^6)^5*4/3^2*1$	330865314	G	$(9*(-8+7^6)^5*4+3)/(2^*1)$
305858757	G	$-9-8^7*(6-(5^4*3)^2+1)$	330865326	G	$9*((-8+7^6)^5*4+3)/(2^*1)$
305859819	G	$9-8^7*(6-(5^4*3)^2+1)$	330910299	G	$-9*((-8-7^6)^5*4+3)/(2^*1)$
306109947	G	$-9*(8+((-76-5)^4)^3)+2+1$	330910311	P	$(9*(-8-7^6)^5*4+3)/(-2^*1)$
306109963	G	$-9*(8-((76+5)^4)^3-2)+1$	330910314	G	$(-9*(-8-7^6)^5*4+3)/(2^*1)$
306180143	G	$9*(-8-7*(6^5)^4*3)^*-2-1$	330910326	G	$9*((-8-7^6)^5*4+3)/(2^*1)$
308031096	G	$(9^8-(7^6(6+5)-4)/3)/(-2^*1)$	330938306	G	$-9+(8-(76-5^4)^3)^2+1$
309197048	G	$-9+(8^7*(6-5^4*3))^2+1$	331560132	G	$9^8*7+6^4(5+4)^3*2-1$
309672638	G	$-9^8-7^6-6^4(5+4)^3(2+1)-1$	331560134	G	$9^8*7+6^4(5+4)^3*2+1$
309672639	G	$-9^8-7^6-6^4(5+4)^3(2+1)^*1$	331560136	G	$9^8*7+6^4(5+4)^3*2-1$
309672646	P	$-9^8-7^6-6^4(-5-4)^3(2+1)-1$	331560138	G	$9^8*7+6^4(5+4)^3*2+1$
311299011	G	$(98^7*6-5-4)^3*3^2(2+1)$	331816402	G	$-9^8+7^6*5^4*3^2-1$
311299119	G	$(-98^7*6+5)^*(4-32+1)$	331816404	G	$(9^8-7^6*5^4*3)/(-2+1)$
311299227	G	$(98^7*6-5+4)^3*3^2(2+1)$	331816406	G	$-9^8+7^6*5^4*3^2+1$
311299389	G	$(-98^7*6-5)^*(4-32+1)$	332041274	G	$-9+((8+7)^6*5^4-4+3)^2-1$
311404733	G	$9^8*7+6^4(5+4)^3-2-1$	332259974	G	$-9+((8+7)^6*5^4-4+3)^2+1$
311404735	G	$9^8*7+6^4(5+4)^3-2+1$	332453466	G	$9*(-8+7^6)^5*(5^4+3)/(2^*1)$
311404739	G	$9^8*7+6^4(5+4)^3-3-2+1$	332498682	G	$-9*(-8-7^6)^5*(5^4+3)/(2^*1)$
311404741	G	$9^8*7+6^4(5+4)^3-3+2-1$	332547336	P	$(9^8*7-6^4(-5-4))^*(32+1)$
311404745	G	$9^8*7+6^4(5+4)^3+3-2+1$	332562111	P	$-9+(8^7-6^4(5+4))^*(32+1)$
311404747	G	$9^8*7+6^4(5+4)^3+3+2-1$	332563720	P	$-(9+8)-(7-6^4(5+4))^*(32+1)$
311404751	G	$9^8*7+6^4(5+4)^3+3+2-1$	332563736	P	$-(9-8)-(7-6^4(5+4))^*(32+1)$

333281528	G	$-9+(8*7*(6-5*-4^3))^2+1$	345888037	G	$(98*7^6*5-4)*3*2+1$
333792890	G	$-9+(87*6*5*(4+3))^2-1$	345888083	G	$(98*7^6*5+4)*3*2-1$
335329334	G	$-9+(8*7*(6*5+3))^2-1$	345888084	G	$(98*7^6*5+4)*3*2*1$
335543350	G	$-9+(-8^7+6)*(-54*3+2)-1$	345915280	G	$-9^8+(7*6*5)^4/(3+2)+1$
335545144	G	$-9+((8^7+6)*5-4)*32+1$	345948477	G	$(9*8+((7+6)*54)^3)-2-1$
336002186	G	$(9^8+7*65^4-3)*2*1$	346031061	G	$-9+(8^7+6)*5*(4^3/2+1)$
336002198	G	$(9^8+7*65^4+3)*2*1$	349026966	P	$-(9^8+((7*-6)^5+4)*3)+2+1$
336786018	P	$-9^8+(7+6)^5*(4^4-(-3-2))-1$	351077817	G	$(9^8+(7^6+5)-4)/3/(2*1)$
337028291	G	$9^8*7+(65^4-3)*2*1$	351562490	G	$-9+((-8-7)*6*5^4/3)^2-1$
337028303	G	$9^8*7+(65^4+3)*2*1$	352350078	G	$-9-87*((6*5)^4*(-3-2))-1$
337642429	G	$-9+(8^7+6)*(5/(4^4-3*2)+1)$	352719261	G	$-98+7*6^5(5+4)*(3+2)-1$
339077231	G	$-9^8+7^6*((54+3)^2-1)$	352719289	G	$-9*8+7/6^4(-5-4)*(3+2)+1$
339194880	G	$-9^8+7^6*((54+3)^2*1)$	352719350	P	$-(9+8)+7*(6^5(5+4)*(3+2)+1)$
339739586	G	$-9+((8^7+6)*5^4*3-2)+1$	354894913	G	$((-9-876)/5*-4)^3+2-1$
339742503	G	$-9^8+(7*65^4*3)^2-1$	358722676	G	$9^8*(-76+5-4)*-3^2-2+1$
340953273	P	$-(9^8+7)-6*(5*4)^(3*2)+1$	359709148	G	$-9+(87*65^4/3)^2+1$
342486728	G	$-9-8*(7-6543^2)+1$	360015193	G	$9/8*(76*(5+4))^3+2-1$
343064494	G	$9+8*7^6*(5+4)^3/2+1$	362217906	G	$-9+(8+76^5)/(4+3)+2+1$
343432530	G	$((9^8-7^6-5)*4-3)*2*1$	362720231	G	$9*((8*7+6+5)^4+3)*2-1$
343432542	G	$((9^8-7^6-5)*4+3)*2*1$	363505650	G	$(9^8*76+54)/(3^2*1)$
343432610	G	$((9^8-7^6+5)*4-3)*2*1$	364225822	G	$9*8*(7^6-5)*43-2*1$
343432622	G	$((9^8-7^6+5)*4+3)*2*1$	364225826	G	$9*8*(7^6-5)*43+2*1$
343932918	P	$-9-8^7*(-6*(-5-4)*-3+2)-1$	364256782	G	$9*8*(7^6+5)*43-2*1$
344311498	G	$((9^8-7^6-5)*4-3)*2*1$	364256786	G	$9*8*(7^6+5)*43+2*1$
344311510	G	$((9^8-7^6-5)*4+3)*2*1$	364499830	P	$-9+(-(8+7)^6+5)/(-4^4-3*2)-1$
344311610	G	$((9^8+7^6-5)*4-3)*2*1$	364499960	P	$-(9-((8+7)^6-(5-4))^3*2)+1$
344311622	G	$((9^8+7^6-5)*4+3)*2*1$	365624990	G	$-9-8^7*(-7-6)*(5^4*3)^2-1$
344367642	G	$((9^8-7^6-5)*4-3)*2*1$	366243668	G	$(9^8-7^6*5*4)^3*2-1$
344367654	G	$((9^8-7^6-5)*4+3)*2*1$	366243670	G	$(9^8-7^6*5*4)^3*2+1$
344370722	G	$((9^8-7^6*5)*4-3)*2*1$	366489449	G	$-9^8+7^6*(5-4^3)^2+1$
344370734	G	$((9^8-7^6*5)*4+3)*2*1$	366607097	G	$-9^8+7^6*((5-4^3)^2+1)$
344373114	G	$((9^8-7^6-5)*4-3)*2*1$	366799094	G	$-9+(8*7*6*(5+3))^2-1$
344373120	P	$(-9^8+76+5)/-(4/32*1)$	367109522	G	$-9^8-7^6*(-6*5^4(4+3*2)+1)$
344373126	G	$((9^8-7^6-5)*4+3)*2*1$	367109529	G	$-9^8-7^6*(-6*5^4(4+3*2)*1)$
344373186	G	$((9^8-7^6-5)*4-3)*2*1$	367560459	G	$-9+(-8-7^6)*(-5^4(4+3-2)+1)$
344373194	G	$((9^8-7^6+5)*4-3)*2*1$	367653107	G	$-9-(8-7^6*5^4*(3+2)+1)$
344373198	G	$((9^8-7^6+5)*4+3)*2*1$	367656249	G	$(-9+8-7^6)*-5^4(4+3-2)-1$
344373206	G	$((9^8-7^6+5)*4+3)*2*1$	367706249	G	$(-9-8-7^6)*-5^4(4+3-2)-1$
344373298	G	$((9^8+7^6-5)*4-3)*2*1$	367745757	G	$-9+(-8+7^6)*(-5^4(4+3-2)+1)$
344373310	G	$((9^8+7^6-5)*4+3)*2*1$	368025848	P	$-9+(8*(-7*(6-5))^4+3))^2+1$
344373618	G	$((9^8-7^6-5)*4-3)*2*1$	368288614	G	$9^8*(-76-(5-4))*-3^2-2+1$
344373624	G	$(9^8-7^6-5)/(4/32*1)$	368947167	G	$-98+(7*(6-5*4)^3)^2+1$
344373630	G	$((9^8-7^6-5)*4+3)*2*1$	368947193	G	$-9^8+(7*(6-5*4)^3)^2+1$
344373698	G	$((9^8-7^6+5)*4-3)*2*1$	368947254	G	$-9+(8*7^6(6+5+4-3))^2-1$
344373838	G	$((9^8+7^6-5)*4+3)*2*1$	368947258	G	$98^4(-7+6+5)*4-3-2-1$
344373906	G	$((9^8+7^6+5)*4-3)*2*1$	368947261	G	$98^4(-7+6+5)*4-3^2(2-1)$
344373912	G	$(9^8+7^6+5)/(4/32*1)$	368947267	G	$98^4(-7+6+5)*4+3^2(2-1)$
344373918	G	$((9^8+7^6+5)*4+3)*2*1$	368947270	G	$98^4(-7+6+5)*4+3+2+1$
344373919	G	$((9^8+7^6+5)*4+3)*2+1$	369062513	G	$-9+(8*(7/(6-5))^4+3)^2+1$
344374226	G	$((9^8-7^6+5)*4-3)*2*1$	369869816	G	$-9+(8*((7*(6-5))^4+3))^2+1$
344374238	G	$((9^8-7^6+5)*4+3)*2*1$	370600304	G	$-9+(((8+7)*(6+5))^4+3)/2-1$
344374330	G	$((9^8+7^6-5)*4-3)*2*1$	371195894	G	$-9-8^7*6*(5-4^3)/2-1$
344374338	G	$((9^8+7^6+5)*4-3)*2*1$	373277880	G	$-9^8+7*((6^5-4^3)^2-1)$
344374342	G	$((9^8+7^6-5)*4+3)*2*1$	373277888	G	$-9^8+7*(6^5-4^3)^2+1$
344374350	G	$((9^8+7^6+5)*4+3)*2*1$	373293048	G	$-9+8^7*((6+5)^3-2)+1$
344374410	G	$((9^8+7^6+5)*4-3)*2*1$	374863025	G	$-98+7*65^4*3-2*1$
344374422	G	$((9^8+7^6+5)*4+3)*2*1$	374863051	G	$-9*8+7*65^4*3-2*1$
344376802	G	$((9^8+7^6*5)*4-3)*2*1$	374863094	G	$-9-(8-7*65^4)*3+2*1$
344376814	G	$((9^8+7^6*5)*4+3)*2*1$	374863110	G	$-9+8*7*(65^4*3-2*1)$
344379882	G	$((9^8+7^6*5)*4-3)*2*1$	375148771	P	$-(9^8+(7-6-54)^(3+2))-1$
344379894	G	$((9^8+7^6*5)*4+3)*2*1$	375148773	P	$-(9^8+(7-6-54)^(3+2))+1$
344435914	G	$((9^8-7^6+5)*4-3)*2*1$	375390617	G	$-9+((87+6)*5^4/3)^2+1$
344435926	G	$((9^8-7^6+5)*4+3)*2*1$	375548301	G	$-9^8+7*(6^5-43)^2-1$
344436026	G	$((9^8+7^6+5)*4-3)*2*1$	377207766	G	$(9^8+(7*6)^5*4)/3*(2*1)$
344436038	G	$((9^8+7^6+5)*4+3)*2*1$	377487250	G	$(9*8^7-6)*5^4+3^2+1$
345314914	G	$((9^8+7^6-5)*4-3)*2*1$	378911144	G	$-9^8+7*((6^5+4^3)-3)^2-1$
345314926	G	$((9^8+7^6-5)*4+3)*2*1$	378911150	G	$-9^8+7*(6^5-4^3)^2-1$
345314994	G	$((9^8+7^6+5)*4-3)*2*1$	379454813	G	$-9^8+7*((-6^5+4+3)^2+1)$
345315006	G	$((9^8+7^6+5)*4+3)*2*1$	379832722	P	$-(9+8)+(7+6)^5*(4^4(3+2)-1)$
345888036	G	$(98*7^6*5-4)*3*2*1$	379832738	P	$-(9-8)+(7+6)^5*(4^4(3+2)-1)$

380107661	G	$-9^8+7*((-6^5+4-3)^2+1)$	387413568	G	$(9^8-765-4)*3^2*1$
380130552	P	$(9^8+7-(6^5)^4)/(-3^2-2^*1)$	387413640	G	$(9^8-765+4)*3^2*1$
380216504	G	$-9^8-7*(-6^5+4)*3^2+1$	387414171	G	$(9^8-(7+6)^54)*3^2*1$
380216511	G	$-9^8-7*(-6^5+4)*3^2*1$	387414180	G	$(9^8-76-5^4)*3^2*1$
380325389	G	$-9^8+7*((6^5+4-3)^2+1)$	387414486	G	$(9^8-7*6-5^4)*3^2*1$
380476833	G	$(98*7^6-5+4)*(32+1)$	387414540	G	$(9^8-7-654)*3^2*1$
380476899	G	$(98*7^6+5-4)*(32+1)$	387414666	G	$(9^8+7-654)*3^2*1$
380633088	G	$(-9-8+76^5)*4^4(3^2+1)$	387414747	G	$(9^8-7-6-5^4)*3^2*1$
380978909	G	$-9^8+7*((6^5+4+3)^2+1)$	387414855	G	$(9^8-7+6-5^4)*3^2*1$
381523880	G	$-9^8+7*((6^5-4^*-3)^2-1)$	387414873	G	$(9^8+7-6-5^4)*3^2*1$
381523886	G	$-9^8+7*(6^5+4^*3)^2-1$	387414981	G	$(9^8+7+6-5^4)*3^2*1$
381681656	G	$-9+8^7*((6+54)^3+2)+1$	387415242	G	$(9^8+7*6-5^4)*3^2*1$
381902838	P	$-9-8^7-6^*- (5^4)^{(3^2)}-1$	387415368	G	$9^8(8+7-6)-5^4(3+2)-1$
381923198	G	$(-98+7^6)^*(54+3)^2-1$	387415548	G	$(9^8+76-5^4)*3^2*1$
382126248	G	$(9^8-7^6*5-4)*3^2(2^*1)$	387416358	G	$(9^8-7*65-4)*3^2*1$
382126284	G	$(9^8-7^6*5)^*(4+3+2)^*1$	387416430	G	$(9^8-7*65+4)*3^2*1$
382126320	G	$(9^8-7^6*5+4)*3^2(2^*1)$	387417033	G	$(9^8-76*5-4)*3^2*1$
382789243	P	$-(-9-8)+(7^6*5^43)^2+1$	387417105	G	$(9^8-76*5+4)*3^2*1$
382789298	P	$-(-9^8-(7^6*5^43)^2)+1$	387417363	G	$9^8(8+7-6)-5^4(4+3-2)-1$
383990016	G	$-9+8^7*(-7^6+5)/4^4-3^*(2+1)$	387417510	G	$(9^8-7-6-5^4)*3^2*1$
383999019	P	$-987-6^*- ((5^4)^{(3^2)}+1)$	387417636	G	$(9^8+7-6*54)*3^2*1$
383999889	P	$-(98+7)-6^*(-(5^4)^{(3^2)}+1)$	387418086	G	$(9^8-7-65^4)*3^2*1$
383999896	P	$-(98+7-6/(5^4)^{(3^2-2)}+1)$	387418212	G	$(9^8+7-65^4)*3^2*1$
383999905	P	$-(9+87-6/(5^4)^{(3^2-2)}+1)$	387419233	G	$9^8(8+7-6)-5^4(4+3)^2*1$
383999908	P	$-(98-7)-6^*- (5^4)^{(3^2)}-1$	387419245	G	$9^8(8+7-6)-5^4(4-3)^2*1$
383999915	P	$-(9^8+7)-6^*(-(5^4)^{(3^2)}+1)$	387419319	G	$(9^8-76-54)*3^2(2^*1)$
383999975	P	$-(9+8+7)-6^*- (5^4)^{(3^2)}-1$	387419472	G	$(9^8+7-6*5^4)/(3^2-2^*1)$
383999984	P	$-(9+8-7)-6^*(-(5^4)^{(3^2)}+1)$	387419544	P	$(9^8-7*(6+5+4))/(-3^2-2^*1)$
383999987	G	$-98/7-(-6*(5^4)^{(3^2)}-1)$	387419625	G	$(9^8-7*6-54)*3^2*1$
384000041	P	$-(9-8^7)-6^*(-(5^4)^{(3^2)}+1)$	387419724	G	$(9^8-76-5-4)*3^2*1$
384000048	G	$-9-(-8^7-6/(5^4)^{(3^2-2)}-1)$	387419814	G	$(9^8-76+5-4)*3^2*1$
384000072	P	$-(9+8^7)-6^*(-(5^4)^{(3^2)}+1)$	387419862	G	$9^8(8+7-6)-5^4(4+3+2)-1$
384000118	P	$-(-9-8)^7-6/- (5^4)^{(3^2-2)}-1$	387419878	G	$(9^8-7-65+4)*3^2+1$
384000119	P	$-(-9-8)^7-6/- (5^4)^{(3^2-2)}*1$	387419886	G	$(9^8-76+5+4)*3^2*1$
384000685	P	$-(-98^7-6*(5^4)^{(3^2)}-1)$	387419940	G	$(9^8-(7+6)^5+4)*3^2*1$
384000782	P	$-(-9^8+7-6*(5^4)^{(3^2)}-1)$	387419977	G	$9^8-8^7*6+(5+4)*3^2+1$
384005376	G	$((-9-8)^7+6+5)/-4^4-3^*(2+1)$	387419986	G	$(9^8-76+5^4)*3^2+1$
384007296	G	$((-9-8)^7-7^6+5)/4^4-3^*(2+1)$	387420012	G	$(9^8+7-6-54)*3^2*1$
384022656	G	$(-9-8)^7*(7^6+5)/-4^4-3^*(2+1)$	387420030	G	$(9^8-7*6-5-4)*3^2*1$
384220488	G	$9^8(8+7-6)-(5^4)^{(3+2)}-1$	387420048	P	$9^8-7^*- (- (6+5+4))/(-3^2-2^*1)$
384220490	G	$9^8(8+7-6)-(5^4)^{(3+2)}+1$	387420102	G	$(9^8-7*6-5+4)*3^2*1$
384910599	G	$-9^8+7*((6^5+43)^2-1)$	387420259	G	$9^8(8+7-6)-5^4(43+2+1)$
384910605	G	$-9^8+7*(6^5+43)^2-1$	387420291	G	$(9^8-76+54)*3^2*1$
385467363	G	$9^8(8+7-6)-5^4(4+3+2)-1$	387420382	G	$(9^8+7*6-5-4)*3^2+1$
386097142	G	$-9-(-8^7-6*(5^4)^{(3^2)}-1)$	387420395	G	$(9^8-7)/6^54-32+1$
386361162	G	$(9^8-7^6-54)*3^2*1$	387420583	G	$(9^8+7)/6^54+32-1$
386361567	G	$(9^8-7^6-5-4)*3^2(2^*1)$	387420596	G	$(9^8-7*6+54)*3^2-1$
386361639	G	$(9^8-7^6-5+4)*3^2(2^*1)$	387420599	G	$98+7+6+(5+4)^3+2-1$
386361657	G	$(9^8-7^6+5-4)*3^2(2^*1)$	387420661	G	$(9^8-7+6*5-4)*3^2+1$
386361729	G	$(9^8-7^6+5+4)*3^2(2^*1)$	387420687	G	$(9^8+76-54)*3^2*1$
386362134	G	$(9^8-7^6+54)*3^2*1$	387420719	G	$9^8(8+7-6)+5^4(43+2+1)$
386992988	G	$(9^8-76^5^4)/3^2-2-1$	387420876	G	$(9^8+7*6+5-4)*3^2*1$
387140490	G	$(9^8-7-6^5^4)/(3^2-2^*1)$	387420930	G	$(9^8+7*((6+5)-4))/(3^2-2^*1)$
387140616	G	$(-9^8-7+6^5^4)/(-3^2-2^*1)$	387420948	G	$(9^8+7*6+5+4)*3^2*1$
387184238	G	$(9^8-7*6^5^4)*3^2-1$	387420949	G	$(9^8+7*6+5+4)*3^2+1$
387184240	G	$(9^8-7*6^5^4)*3^2+1$	387420964	G	$(9^8+7)^6+(5+4)^3+2+1$
387212472	G	$-9^8+7*((6^5+4^3)^2-1)$	387420966	G	$(9^8-7+6+54)*3^2*1$
387212480	G	$-9^8+7*(6^5+4^3)^2+1$	387420986	G	$9^8*7-6+(5+4)^3+2-1$
387302839	G	$(9^8-7^6/(5+4))/3^2-2-1$	387421000	G	$9^8*7+6+(5+4)^3+2+1$
387350406	G	$(9^8-7-6^5-4)*3^2*1$	387421038	G	$(9^8+(7+6)^5-4)*3^2*1$
387350478	G	$(9^8-7-6^5+4)*3^2*1$	387421092	G	$(9^8+76-5-4)*3^2*1$
387350532	G	$(9^8+7-6^5-4)*3^2*1$	387421164	G	$(9^8+76-5+4)*3^2*1$
387350604	G	$(9^8+7-6^5+4)*3^2*1$	387421254	G	$(9^8+76+5+4)*3^2*1$
387379287	G	$(9^8-7*654)*3^2*1$	387421344	G	$(9^8+76^5^4)/(3^2-2^*1)$
387380736	G	$(9^8-7*(6+5^4))*3^2*1$	387421353	G	$(9^8+76+5^4)*3^2*1$
387381492	G	$(9^8+7*(6-5^4))*3^2*1$	387421632	G	$(9^8+7+6^5^4)/(3^2-2^*1)$
387383553	G	$(9^8-76^5^4)*3^2*1$	387421733	G	$9^8(8+7-6)+(5^4-3)^2*1$
387392949	G	$(9^8-76^5^4)*3^2*1$	387421745	G	$9^8(8+7-6)+(5^4+3)^2*1$
387402930	G	$(9^8-7-6^5/4)/(3^2-2^*1)$	387422766	G	$(9^8-7+65^4)*3^2*1$
387403056	G	$(9^8+7-6^5/4)/(3^2-2^*1)$	387422892	G	$(9^8+7+65^4)*3^2*1$

387423342	G	$(9^8-7+6^*54)^*3^2*1$	403536266	G	$98*(7^6*5*(4+3)+2)^*1$
387423468	G	$(9^8+7+6^*54)^*3^2*1$	404281524	G	$-9^8+7*((6+(-5^*4)^3)^2-1)$
387423576	G	$(9^8+7^(-6+5+4))/(3^(-2^*1))$	404281530	P	$-9^8-7*(-(6+(-5^*4)^3)^2-1)$
387423873	G	$(9^8+76^*5-4)^*3^2*1$	404953230	G	$-9^8-7*(6-(5^*4)^3)^2+1$
387423945	G	$(9^8+76^*5+4)^*3^2*1$	404953314	P	$-9^8-7*(-(6+(5^*4)^3)^2)+1$
387424548	G	$(9^8+7^*65-4)^*3^2*1$	404953321	P	$-(9^8-7*(6+(5^*4)^3)^2)^*1$
387424620	G	$(9^8+7^*65+4)^*3^2*1$	405625524	G	$-9^8+7*((6-(-5^*4)^3)^2-1)$
387425430	G	$(9^8-76+5^4)^*3^2*1$	405625530	P	$-9^8-7*(-(6-(-5^*4)^3)^2-1)$
387425736	G	$(9^8-7^*6+5^4)^*3^2*1$	405941896	G	$-9+(876*(5^*4+3))^2+1$
387425997	G	$(9^8-7-6+5^4)^*3^2*1$	406425590	G	$-9+(8^*7^*6^*5^*4^*3)^2-1$
387426105	G	$(9^8-7+6+5^4)^*3^2*1$	406577672	G	$9+8*(7^6-5)^*432-1$
387426123	G	$(9^8+7-6+5^4)^*3^2*1$	406577674	G	$9+8*(7^6-5)^*432+1$
387426231	G	$(9^8+7+6+5^4)^*3^2*1$	406594800	G	$9^*8*(7^6*(5+43)-2^*1)$
387426312	G	$(9^8-7+654)^*3^2*1$	406595088	G	$9^*8*(7^6*(5+43)+2^*1)$
387426438	G	$(9^8+7+654)^*3^2*1$	406612232	G	$9+8*(7^6+5)^*432-1$
387426492	G	$(9^8+7+6+5^4)^*3^2*1$	406612234	G	$9+8*(7^6+5)^*432+1$
387426798	G	$(9^8+76+5^4)^*3^2*1$	406847488	P	$9^*8^7*(6-5*(-(4-(-3^(-2+1))))$
387426807	G	$(9^8+(7+6)^*54)^*3^2*1$	408239495	G	$9^*8^7*((6^5)^4-3+2)-1$
387427338	G	$(9^8+765-4)^*3^2*1$	408597308	G	$(9^8+7^6*5^4)^*3^2-1$
387427410	G	$(9^8+765+4)^*3^2*1$	408597310	G	$(9^8+7^6*5^4)^*3^2+1$
387438048	G	$(9^8+7+6^5/4)/(3^(-2^*1))$	408944621	P	$-(9+(8^7*65+4)^*3)+2^*1$
387448029	G	$(9^8+765^4)^*3^2*1$	409195030	G	$(-98+7^6)^*(5-4^3)^2-1$
387454176	G	$(-9^8+7-6^*5^4)/(-3^(-2^*1))$	410062530	G	$(9*(8+7)^6+5)^4+3^2+1$
387457425	G	$(9^8+76^*54)^*3^2*1$	410076518	G	$(9+8)^7-6-5-4^3(3^2*1)$
387459486	G	$(9^8-7*(6-5^4))^*3^2*1$	410156191	P	$-(9+8)+7^*6*(5^4(4+3^2)-1)$
387460242	G	$(9^8+7*(6+5^4))^*3^2*1$	410156242	P	$-(9-8)+7*(6^5(4+3^2)-1)$
387461691	G	$(9^8+7^*654)^*3^2*1$	410156291	P	$-(9-8)+7^*6*(5^4(4+3^2)+1)$
387490374	G	$(9^8-7+6^5-4)^*3^2*1$	410156306	G	$98+7^*6*(5^4(4+3^2)-1)$
387490446	G	$(9^8-7+6^5+4)^*3^2*1$	410292455	P	$-((-9+8)^7-6)-(5^*43)^2+1$
387490500	G	$(9^8+7+6^5-4)^*3^2*1$	410312436	P	$-((-9+8)^7-6)-(5^4*3)^2+1$
387490572	G	$(9^8+7+6^5+4)^*3^2*1$	410329427	G	$((9+8)^7-6)-5*(43^2-1)$
387656738	G	$(9^8+7^*6^*-5^4)^*3^2-1$	410331167	G	$(9+8)^7-6*(5^4+3)^2*1$
387656740	G	$(9^8-7^*6^*-5^4)^*3^2+1$	410331179	G	$(9+8)^7-(6^5+4-3)^2*1$
387700488	G	$(-9^8-7-6^5*4)/(-3^(-2^*1))$	410333041	G	$(9+8)^7-6-5^4/3^2-1$
387847988	G	$(9^8-76^*-5^4)/3^2-1$	410334666	P	$-((-9+8)^7+6)-(5^*4)^3/2-1$
387973112	G	$-9+8^7*((65-4)^3+2)+1$	410336173	G	$(9+8)^7-6^5+4/(3/2^*1)$
388478844	G	$(9^8+7^6-54)^*3^2*1$	410341173	G	$(9+8)^7+6^5+4/(3/2^*1)$
388479150	G	$(9^8+7^6-5^4)/(3^(-2^*1))$	410342666	G	$(9+8)^7-6+(5^4)^3/2-1$
388479249	G	$(9^8+7^6-5-4)^*3^2(2^*1)$	410344303	G	$(9+8)^7+6+5^4*3^2-1$
388479321	G	$(9^8+7^6-5+4)^*3^2(2^*1)$	410346167	G	$(9+8)^7+(6^5+4-3)^2*1$
388479339	G	$(9^8+7^6+5-4)^*3^2(2^*1)$	410346179	G	$(9+8)^7+(6^5+4+3)^2*1$
388479411	G	$(9^8+7^6+5+4)^*3^2(2^*1)$	410349935	G	$(9+8)^7+6*(5^4+3+2)^*1$
388479510	G	$(9^8+7^6+5^4)/(3^(-2^*1))$	410364924	P	$-((-9+8)^7-6)+(5^4*3)^2+1$
388479816	G	$(9^8+7^6+54)^*3^2*1$	410384905	P	$-((-9+8)^7-6)+(5^*43)^2+1$
388961984	P	$-(9+8+(7^*6^*5)^4/(3+2))+1$	410600806	G	$(9+8)^7-6-5+4^3(3^2*1)$
389420523	G	$(9+8)^*7^6+(5+4)^3+2+1$	411300896	G	$-9+8/(7^6-6/(5+432))+1$
390068877	G	$(9+8^7*6-54)^*(32-1)$	415065669	G	$9^*8^7*(6-5+4+3)-2-1$
390620488	G	$9^8(8+7-6)+(5^4)^3(3+2)-1$	415232532	G	$((9-8^7)^6+54)^*(32-1)$
390620490	G	$9^8(8+7-6)+(5^4)^3(3+2)+1$	416118295	P	$-(9^8+7)+(6^*(5+4))^3(3+2)-1$
392073417	G	$(98-(7^*6)^5-4)^*-3+2+1$	416118296	P	$-(9^8+7)+(6^*(5+4))^3(3+2)^*1$
392073589	G	$-98-((7^*-6)^5+4)^*3-(2+1))$	416118304	G	$9^8/(-7+6)+5^4(3+2)+1$
392714658	G	$(9^8+7^6*5-4)^*3^2(2^*1)$	416118380	G	$-9^8+76+54^3(3+2)+1$
392714694	G	$(9^8+7^6*5)^*(4+3+2)^*1$	416324598	P	$-(9+8)+7*((6^5-4^3)^2+1)$
392714730	G	$(9^8+7^6*5+4)^*3^2(2^*1)$	416324614	P	$-(9-8)+7*((6^5-4^3)^2+1)$
393466886	G	$-9+(87^*6*(5-43))^2-1$	418594999	P	$-(9+8)+7*((-6^5+43)^2-1)$
394710552	P	$(9^8+7+(6^*5)^4)/(-3^(-2^*1))$	418595015	P	$-(9-8)+7*((-6^5+43)^2-1)$
396310580	G	$-9+(8-(7^*6-5^4)^3)^2-1$	418595041	P	$-(-9-8-7/(-6^5+43))^2+1$
396950057	G	$(9^8+7^6*(5+4))^*3^2-1$	421957848	P	$-(9+8)+7*((6^5-4^3)^2-1)$
396950059	G	$(9^8+7^6*(5+4))^*3^2+1$	421957864	P	$-(9-8)+7*((6^5-4^3)^2-1)$
398137029	G	$-9-8^7*6^*-5^4*(3+2+1)$	422501511	G	$-9-8+7*(6^5-4-3)^2+1$
398811105	G	$-9+(8+7)^6+(5+4)^3(3^2*1)$	423154359	G	$-9-8+7*(6^5-4+3)^2+1$
398950091	G	$98^*7^6+(5+4)^3+2^*1$	423263141	G	$-98+7*(6^5(5+4)^3+2+1)$
401769394	G	$9^8*7^6(6-5)^4/3-2^*1$	423263206	G	$-9-(8-7^6(5+4)^3)^2-1$
401769398	G	$9^8*7^6(6-5)^4/3+2^*1$	423372087	P	$-(9+8)+7*(6^5+4-3)^2+1$
401769975	G	$-9+(8^7+6^5(5+4))^*(32+1)$	424025607	P	$-(9+8)+7*(6^5+4+3)^2+1$
402651489	P	$-((-9-8^7)^6-5-4)^3+2+1$	424570584	P	$-(9+8)+7*((6^5+4^3)^2-1)$
402653134	G	$-9+(8^7*6-5/4)^3+2-1$	424570600	P	$-(9-8)+7*((6^5+4^3)^2-1)$
402653144	P	$-(9-(8^7*6-(5-4))^3+2)+1$	427046715	P	$-((-9^8+7)-6^*-5^4)^3(3^2)+1$
402874368	P	$9^*8^7-6^*-5^4(3^2)^*1$	427957303	P	$-(9+8)+7*((6^5+43)^2-1)$
403535874	G	$98*(7^6*5*(4+3)-2)^*1$	427957319	P	$-(9-8)+7*((6^5+43)^2-1)$

428414804	G	$(-9-8*(7-65^4))^3-2+1$	431643702	G	$((9^8+7^6)^5+4-3)^2*1$
428414919	G	$-9-8*(7-65^4*3+2*1)$	431643714	G	$((9^8+7^6)^5+4+3)^2*1$
428414935	G	$-9-8*(7-65^4*3)^*(2-1)$	431643724	G	$((9^8+7^6)^5+4*3)^2*1$
428415047	G	$-9+8*(7+65^4*3)^*(2-1)$	431643786	G	$((9^8+7^6)^5+43)^2*1$
428415138	P	$-((9-8*(7+65^4))^3+2)-1$	432006984	G	$9*8*(7^6*(54-3))-2*1$
429290634	G	$((9^8-7^6)^5-43)^2*1$	432007272	G	$9*8*(7^6*(54-3)+2*1)$
429290696	G	$((9^8-7^6)^5-4*3)^2*1$	432014539	G	$-9+(8^7+6)^*(5*(43-2)+1)$
429290706	G	$((9^8-7^6)^5-4-3)^2*1$	433124415	G	$-9^8-7*(6^*-54)^3*2*1$
429290718	G	$((9^8-7^6)^5-4+3)^2*1$	433124422	G	$-9^8-7*((6^*-54)^3*2-1)$
429290722	G	$((9^8-7^6)^5+4-3)^2*1$	434110456	G	$-9-8^7*(6-5^*43+2)+1$
429290734	G	$((9^8-7^6)^5+4+3)^2*1$	436207608	P	$-9-8^7*(6^5*(6-5^*43+2)+1)$
429290744	G	$((9^8-7^6)^5+4*3)^2*1$	436258674	G	$(9+8)^7+(6^5)^4*32+1$
429290806	G	$((9^8-7^6)^5+43)^2*1$	437473390	P	$-9-8^7*(6^5*43)^2-1$
429857279	P	$-9+((-8-7)-(6+5))^{4+3}^2-1$	437473447	G	$-9-8^7*(6^5*43)^2+1$
429916152	G	$-9+8^7*((65+4)^3-2)+1$	438124680	G	$-98*(7^6*(5-43)+2*1)$
430007044	G	$(9+8)*(7^6*5^4*3-2-1)$	438124875	G	$98*7^6*(6^*-5+43)-2+1$
430007078	G	$(9+8)*(7^6*5^4*3+2+1)$	438124877	G	$98*7^6*(5-43)+2-1$
430007112	G	$(9+8)*(7^6*5^4*3+2-1)$	438125072	G	$-98*(7^6*(5-43))-2*1$
430007146	G	$(9+8)*(7^6*5^4*3+2+1)$	438304758	G	$-9-8^7*(6-5^*43)-2+1$
430106111	P	$-9+((-8-7)-(6+5))^{4+3}^2-1$	438843584	G	$9^8+(7^6*(6-5^*4)^3*2)+1$
430259190	P	$-(9+8)+7*((6^5+4^3)^2+1)$	438975983	G	$-9+8*((7^6*5)^4*(4-3+2)-1)$
430259206	P	$-(9-8)+7*((6^5+4^3)^2+1)$	440290709	G	$9*(-8^7+6)+54^4*(3+2)-1$
430466322	G	$((9^8-7^6)^5-4^3)^2*1$	441153750	G	$9*(-8+7^6)^5*4/3*(2*1)$
430466364	G	$((9^8-7^6)^5-43)^2*1$	441183724	G	$-9-(8-7^6*5^4*3)^2-1$
430466436	G	$((9^8-7^6)^5-4-3)^2*1$	441213750	G	$-9*(-8-7^6)^5*4/(3/2*1)$
430466448	G	$((9^8-7^6)^5-4+3)^2*1$	444597904	G	$(9^8+7^6*5^4)^3*2+1$
430466452	G	$((9^8-7^6)^5+4-3)^2*1$	445234378	G	$-9^8+(-76+5^4*(4^3))^2+1$
430466464	G	$((9^8-7^6)^5+4+3)^2*1$	445234504	G	$9^8+(-7-6-5^4*(4^3))^2*2+1$
430466536	G	$((9^8-7^6)^5+43)^2*1$	445234529	P	$-(9^8-((7-6)^5*4)^3*2)*1$
430466578	G	$((9^8-7^6)^5+4^3)^2*1$	445234556	G	$-9^8-(-7-6+5^4*(4^3))^2*2+1$
430466952	G	$((9^8-7^6)^5-4^3)^2*1$	445234682	G	$-9^8-(-76-5^4*(4^3))^2*2+1$
430466994	G	$((9^8-7^6)^5-43)^2*1$	447237894	G	$-9+((-8+7^6)^*(5^4+3))^2-1$
430467066	G	$((9^8-7^6)^5-4-3)^2*1$	447999885	G	$-9*8-7*(6-(5^4)^3*2)-1$
430467072	G	$((9^8-7^6)^5-4+3)^2*1$	447999940	P	$-(9+8)-7*(6-(5^4)^3*2)-1$
430467078	G	$((9^8-7^6)^5-4+3)^2*1$	447999948	P	$-(9+8)-7*(6-(5^4)^3*2)-1$
430467082	G	$((9^8-7^6)^5+4-3)^2*1$	447999950	P	$-(9-8)-7*(6-(5^4)^3*2)+1$
430467092	G	$((9^8+7^6)^5-4^3)^2*1$	447999969	P	$-9*8-7*(-6+(5^4)^3*2)-1$
430467094	G	$((9^8-7^6)^5+4+3)^2*1$	448000009	G	$9+(8-7+6)^*(5^4)^3+2+1$
430467114	G	$((9^8-7^6)^5-43)^2*1$	448000010	P	$9+(-8+7)+6/(5^4)^3-2+1$
430467166	G	$((9^8-7^6)^5+43)^2*1$	448000024	P	$-(9+8)-7*(6+(5^4)^3*2)-1$
430467186	G	$((9^8-7^6)^5-4-3)^2*1$	448000032	P	$-(9+8)-7*(-6+(5^4)^3*2)-1$
430467198	G	$((9^8-7^6)^5-4+3)^2*1$	448000034	P	$-(9-8)-7*(-6+(5^4)^3*2)+1$
430467206	G	$((9^8+7^6)^5-4-3)^2*1$	448007409	G	$(9+8)*(7^6*(6+5-4)^3*2+1)$
430467214	G	$((9^8-7^6)^5+4+3)^2*1$	450888960	G	$-9+(-8^7-6)^5-5^4*3-2+1$
430467234	G	$((9^8+7^6)^5+4+3)^2*1$	452838390	G	$-9+(8^7*6*5^4*(4+3))^2-1$
430467254	G	$((9^8+7^6)^5-43)^2*1$	452984721	G	$9*(8^7*(7+6-5)-4)^3*2-1$
430467306	G	$((9^8+7^6)^5+43)^2*1$	452984943	G	$9*(8^7*(7+6-5)+4)^3*2+1$
430467326	G	$((9^8+7^6)^5-4-3)^2*1$	455907894	G	$-9+((-8-7^6)^*(5^4+3))^2-1$
430467328	G	$((9^8-7^6)^5+4^3)^2*1$	456855554	G	$(9+8)*(7+65)^4+3-2+1$
430467338	G	$((9^8+7^6)^5-4+3)^2*1$	457067864	P	$-(9+8^7)+(6^*(5+4))^3+2+1$
430467342	G	$((9^8+7^6)^5+4-3)^2*1$	457419094	G	$9*8*(7^6*5^4-3)-2*1$
430467348	G	$((9^8+7^6)^5+4^3)^2*1$	457419098	G	$9*8*(7^6*5^4-3)+2*1$
430467354	G	$((9^8+7^6)^5+4+3)^2*1$	457419231	G	$9*(8^7*6*5^4-3^2)*1$
430467426	G	$((9^8+7^6)^5+43)^2*1$	457419298	G	$-9+(-8+(7^6)^5*(4+3))/2-1$
430467468	G	$((9^8+7^6)^5+4^3)^2*1$	457419302	G	$9*8*7^6*5^4-3^2-1$
430467842	G	$((9^8+7^6)^5-4^3)^2*1$	457419320	G	$9+8*7^6*5^4*3^2-1$
430467884	G	$((9^8+7^6)^5-43)^2*1$	457419393	G	$9*(8^7*6*5^4+3^2)*1$
430467956	G	$((9^8+7^6)^5-4-3)^2*1$	457419526	G	$9*8*(7^6*5^4+3)-2*1$
430467968	G	$((9^8+7^6)^5-4+3)^2*1$	457419530	G	$9*8*(7^6*5^4+3)+2*1$
430467972	G	$((9^8+7^6)^5+4-3)^2*1$	458106254	G	$9*(8-7^6)+54^4*(3+2)-1$
430467984	G	$((9^8+7^6)^5+4+3)^2*1$	458165023	P	$-(9+8-7)^6+54^4*(3+2)-1$
430468056	G	$((9^8+7^6)^5+43)^2*1$	459164782	P	$-9^8-((-8-7)/6)+54^4*(3+2)+1$
430468098	G	$((9^8+7^6)^5+4^3)^2*1$	459164918	P	$-(9+8-7-(6^*(5+4))^3+2)-1$
431306582	G	$-9^8-(7+(6-5^4)^3)^2-1$	459432446	G	$-9^8-(7-(6+5^4)^3)^2-1$
431306604	P	$-9^8+7+(6-5^4)^3*(2*1)$	459432453	P	$-(9^8+7)+(6+5^4)^3*2-1$
431306610	G	$-9^8+(7-(6-5^4)^3)^2-1$	459432467	G	$-9^8+7+(6+5^4)^3*2-1$
431643614	G	$((9^8+7^6)^5-43)^2*1$	459432474	G	$-9^8+(7+(6+5^4)^3)^2-1$
431643676	G	$((9^8+7^6)^5-4*3)^2*1$	461262168	P	$-(9-8^7)+(6^*(5+4))^3+2+1$
431643686	G	$((9^8+7^6)^5-4-3)^2*1$	461373430	G	$-9+8^7*(654/3+2)-1$
431643698	G	$((9^8+7^6)^5-4+3)^2*1$	465196958	G	$-9^8+(7^6)^5*(4-3^2)-1$

465542308	G	$-9+876*(5+4)^(3*2)+1$	500729039	G	$-9^8+((-7+6^5+4)*3)^2-1$
468749986	G	$-9-((-8^7+6)^5+4)*3/2+1$	500915607	G	$-9^8+(7-(-6^5+4)*3)^2-1$
469762040	G	$-9+8^7*(6+(5-4))*32+1$	501382167	G	$-9^8+(7-(6^5+4)*3)^2-1$
470563990	G	$-9+(-8+7^6)*(5*4)^3/2-1$	501568847	G	$-9^8+((-7-6^5+4)*3)^2-1$
473497592	G	$-9+((-8+76)*5^4)^3)^2+1$	502035687	G	$-9^8+(7+(6^5+4)*3)^2-1$
473513922	G	$9^8*(7^(6-5)+4)-3^2*1$	502211737	G	$9^8-7+(6*(5+4))^(3+2)-1$
473513925	G	$9^8*(7^(6-5)+4)-3-2-1$	502479060	G	$-9-(8^7-(6+5^4)^3)^2-1$
473513927	G	$9^8*(7^(6-5)+4)-3-2+1$	502479099	G	$-98+(7+(6+5^4)^3)^2+1$
473513935	G	$9^8*(7^(6-5)+4)+3+2-1$	502479123	G	$-9^8+(7+(6+5^4)^3)^2-1$
473513937	G	$9^8*(7^(6-5)+4)+3+2+1$	502479142	G	$-9+(8+7-(6+5^4)^3)^2-1$
473513940	G	$9^8*(7^(6-5)+4)+3^2*1$	502479348	G	$-9+(87+(6+5^4)^3)^2+1$
473957699	G	$-9+(8^7+6)*(5*(43+2))+1$	502689599	G	$-9^8+((-7-6^5+4)*3)^2-1$
474353196	G	$-9-(8^7+(6-5^4)^3)^2-1$	503316476	G	$-9+(8^7*6*5^4+3)^2-1$
474353235	G	$-98-(7-(6-5^4)^3)^2-1$	504111128	G	$-9-(8^7-65^4)^3)^2+1$
474353259	G	$-9^8+(7-(6-5^4)^3)^2-1$	505093368	G	$(9^8+7^6+5)/4+3-2+1$
474353278	G	$-9+(8+7+(6-5^4)^3)^2-1$	506673476	G	$-9+(8^7+(6+5^4)^3)^2-1$
474353484	G	$-9+(87-(6-5^4)^3)^2+1$	509345784	G	$-9+8^7*(6^5-4)/32+1$
476171110	G	$-9-(8-7/(6*54)^-3)^2-1$	509609529	P	$(9*(8^7+6)+5)*-(4-(32-1))$
476341422	G	$-9^8+(7+6+5^4)^3)^2-1$	509870072	G	$-9+8^7*(6^5+4)/32+1$
476341424	G	$-9^8+(7+6+5^4)^3)^2+1$	510183306	P	$-9+(-8-7)*(-(6^5+4)^3-2)+1$
477066914	G	$-9^8+(7*6*543)^2-1$	511062369	G	$(-9-8^7-7^6)*543/(2-1)$
478039337	G	$-9*(-8^7+6)+54^(3+2)-1$	511062371	G	$(-9-8/7-7^6)*543+2*1$
478394246	P	$-(9+8*(7-(6^5-43)^2))-1$	511062490	G	$-9+((8+7)^6+5^4(4*3))^2-1$
478394358	G	$-9+8*(7+(6^5-43)^2)-1$	511067249	G	$-9+8^7*6^5*543+2*1$
478547612	G	$-9+(8^7-(6-5^4)^3)^2-1$	511999888	G	$-9-8*(7-(-6+(5^4)^(3*2)))+1$
479260799	G	$-9+8*((7-(-6^5+43))^2+1)$	511999984	G	$-9-8*(7-6-(5^4)^(3*2))+1$
479434824	G	$9+(8*(7+(6-5^4)^3))^2-1$	512000096	P	$-9-8*(-7-(-6-(5^4)^(3*2)))+1$
479718198	G	$-9+8*(7^6)^5*4-3*(2+1)$	515093903	G	$-9^8+(7*(-6-5-4)^3)^2-1$
479718201	G	$-9^8+(7^6)^5*4-3*(2*1)$	515899177	G	$-9+(8^7*6-5)*(43-2)-1$
479718240	P	$-(9^8-(7^6)^5*4-32)+1$	515899179	G	$-9+(8^7*6-5)*(43-2)+1$
480247799	P	$-9-8^7*(-65^4-32)+1$	516245640	G	$(9^8-7)^6-54^3)^2*1$
481574912	G	$(9^8-7^6+5)^*-4^(3*2*1)$	516245808	G	$(9^8+7)^6-54^3)^2*1$
481865216	G	$(9/8-7^6+5)^*-4^(3*2)*1$	516404318	G	$(9^8-7)^6-5^(4+3))^2*1$
481890375	G	$9^8+(7/(6-5)^4)^(3*2)-1$	516404486	G	$(9^8+7)^6-5^(4+3))^2*1$
481902583	G	$-9-(-8-7^6+5)^4*(3+2)+1$	516405794	G	$-9^8+(-7+65^4)^3)^2+1$
481943543	G	$-9+(-8-(7^6+5))*(4^(3*2)*1)$	516405813	G	$-9^8+7+65^4)^3)^2-1$
481966820	G	$-9*(8-((-7-6)^5)^4*3-2)-1$	516405814	G	$-9^8+7+65^4)^3)^2*1$
481966948	G	$9*(8-((-7-6)^5)^4*3)+2-1$	516405822	G	$-9^8-(-7-65^4)^3)^2+1$
481967135	P	$-(9*(8-(-7-65^4)^3)+2)+1$	516559312	G	$(9^8-7)^6-5^4-3)^2*1$
482237495	G	$-9-8*(7-(6^5-4*3))^2+1$	516559324	G	$(9^8-7)^6-5^4+3)^2*1$
482831352	G	$9^8*(7^6*(54+3)-2*1)$	516559480	G	$(9^8+7)^6-5^4-3)^2*1$
482831640	G	$9^8*(7^6*(54+3)+2*1)$	516559482	G	$(9^8-7)^6-543)^2*1$
483729342	G	$-9-8*(7-6^5(5-(4-3^2)))-1$	516559492	G	$(9^8+7)^6-5^4+3)^2*1$
483729463	G	$-9+8*(7+6^5(5+4+3-2)+1)$	516559650	G	$(9^8+7)^6-543)^2*1$
484086926	P	$-(9-(-8^7-6+5^4(4*3))^2)+1$	516560244	G	$(9^8-7)^6-54^3)^2*1$
484086948	P	$-(9-(-8^7+6+5^4(4*3))^2)-1$	516560412	G	$(9^8+7)^6-54^3)^2*1$
484206722	G	$-9^8+(7654*3)^2-1$	516560430	G	$(9^8-7)^6-5-4^3)^2*1$
484352054	G	$-9+(8*(7-(6-5^4)^3))^2-1$	516560450	G	$(9^8-7)^6+5-4^3)^2*1$
485223479	G	$-9-8*(7-(6^5+4*3))^2+1$	516560454	G	$(9^8-7)^6-54-3)^2*1$
486539256	G	$-9+8^7*(6+5/4)*32+1$	516560466	G	$(9^8-7)^6-54+3)^2*1$
488280456	G	$-9*87+(-6+5^4(4*3))^2+1$	516560472	G	$(9^8-7)^6-5-43)^2*1$
488280553	G	$-98^7+(-6+5^4(4*3))^2+1$	516560492	G	$(9^8+7)^6+5-43)^2*1$
488280570	G	$-9+(8^7*6+5^4(4*3))^2+1$	516560534	G	$(9^8-7)^6-5-4^3)^2*1$
488281027	G	$-9^8+(-76+5^4(4*3))^2+1$	516560544	G	$(9^8-7)^6-5-4-3)^2*1$
488281127	G	$-9*(8+7)-(-6-5^4(4*3))^2*1$	516560554	G	$(9^8-7)^6+5-4^3)^2*1$
488281163	G	$(-9+8-7^6+5^4(4*3))^2-1$	516560556	G	$(9^8-7)^6-5-4+3)^2*1$
488281175	G	$-9^8+(-7+6+5^4(4*3))^2-1$	516560560	G	$(9^8-7)^6-5+4-3)^2*1$
488281410	P	$-(9+(-8-76-5^4(4*3))^2)+1$	516560572	G	$(9^8-7)^6-5+4+3)^2*1$
488281539	G	$((-9-8-7)^6+5^4(4*3))^2+1$	516560576	G	$(9^8-7)^6+5-4^3)^2*1$
488281743	G	$9^8*7+(-6+5^4(4*3))^2+1$	516560582	G	$(9^8-7)^6-5+4^3)^2*1$
490628742	G	$-9+((8-7)^6+5^4)^3)^2-1$	516560592	G	$(9^8-7)^6+5+4+3)^2*1$
490995712	G	$(9-8+7)^6*(5^4*3-2)*1$	516560598	G	$(9^8+7)^6-5-4^3)^2*1$
492044288	G	$(9-8+7)^6*(5^4*3+2)*1$	516560602	G	$(9^8-7)^6+5+4^3)^2*1$
492475532	P	$-(9+(-8^7+6-5^4(4*3))^2)-1$	516560618	G	$(9^8+7)^6+5-4^3)^2*1$
492645806	G	$-9^8-7/(-6*54^(-3-2))-1$	516560622	G	$(9^8+7)^6-54-3)^2*1$
494239454	G	$-9^8+(7^6)^5*(4+3^2)-1$	516560634	G	$(9^8+7)^6-54+3)^2*1$
496949367	G	$-9+8^7*6*((5^4+3)^2-1)$	516560670	G	$(9^8-7)^6+54-3)^2*1$
499610303	G	$-9^8+((-7-6^5+4)*3)^2-1$	516560682	G	$(9^8-7)^6+54+3)^2*1$
499924873	G	$-9+(87*(65^4-3))^2+1$	516560686	G	$(9^8-7)^6-5+4^3)^2*1$
500262759	G	$-9^8+(7+(-6^5+4)*3)^2-1$	516560702	G	$(9^8+7)^6-5-4^3)^2*1$

516560706	G	$((9^8-7)^*6+5+4^3)^*2^*1$	543635351	G	$9^*-8^*7+((6^5-4)^*3)^2-1$
516560712	G	$((9^8+7)^*6-5-4-3)^*2^*1$	543635792	G	$-9^*8+7+((6^5-4)^*3)^2+1$
516560722	G	$((9^8+7)^*6+5-4^*3)^*2^*1$	543635831	G	$-9-(8+7-((6^5+4)^*3)^2)-1$
516560728	G	$((9^8+7)^*6-5+4-3)^*2^*1$	543635845	G	$-9-8+7+((6^5-4)^*3)^2-1$
516560732	G	$((9^8+7)^*6+5-4-3)^*2^*1$	543635902	P	$-(9-8^*7)+((6^5+4)^*3)^2-1$
516560740	G	$((9^8+7)^*6-5+4+3)^*2^*1$	543682479	G	$-9+(8-7+(6^5-4)^*3)^2-1$
516560741	G	$((9^8+7)^*6-5+4+3)^*2+1$	543775662	G	$-98+((7-6^5-4)^*3)^2-1$
516560744	G	$((9^8+7)^*6+5-4+3)^*2^*1$	543962313	G	$-9-8+(7+(6^5-4)^*3)^2+1$
516560748	G	$((9^8+7)^*6+5+4-3)^*2^*1$	544428873	G	$-9-8+(7-(6^5+4)^*3)^2+1$
516560750	G	$((9^8+7)^*6-5+4^*3)^*2^*1$	544615470	G	$-98+((7+6^5-4)^*3)^2-1$
516560760	G	$((9^8+7)^*6+5+4+3)^*2^*1$	544708911	G	$-9+(8-7-(6^5+4)^*3)^2-1$
516560770	G	$((9^8+7)^*6+5+4^*3)^*2^*1$	544754614	G	$-987+((6^5+4)^*3)^2+1$
516560812	G	$((9^8+7)^*6-5+4^3)^*2^*1$	544754816	G	$-9^*87+((6^5+4)^*3)^2-1$
516560832	G	$((9^8+7)^*6+5+4^3)^*2^*1$	544754913	G	$-98^*7+((6^5+4)^*3)^2-1$
516560838	G	$((9^8+7)^*6+5+4-3)^*2^*1$	544755095	G	$9^*8^*-7+((6^5+4)^*3)^2-1$
516560850	G	$((9^8+7)^*6+5+4^3)^*2^*1$	544755575	G	$-9-8-(7-((6^5+4)^*3)^2+1)$
516560854	G	$((9^8+7)^*6-5+4^3)^*2^*1$	544755589	G	$-9-8+7+((6^5+4)^*3)^2-1$
516560874	G	$((9^8+7)^*6+5+4^3)^*2^*1$	544755646	P	$-(9-8^*7)+((6^5+4)^*3)^2-1$
516560892	G	$((9^8-7)^*6+5+4^3)^*2^*1$	544802271	G	$-9+(8-7+(6^5+4)^*3)^2-1$
516561060	G	$((9^8+7)^*6+5+4^3)^*2^*1$	545082393	G	$-9-8+(7+(6^5+4)^*3)^2+1$
516561654	G	$((9^8-7)^*6+5+4^3)^*2^*1$	545257190	G	$(-9+8^7)^*6^5+4^3+2+1$
516561812	G	$((9^8-7)^*6+5+4-3)^*2^*1$	545456033	G	$9+(8+(7+(6^5+4)^*3))^2-1$
516561822	G	$((9^8+7)^*6+5+4^3)^*2^*1$	545736222	G	$-98+((7+(6^5+4)^*3)^2-1$
516561824	G	$((9^8-7)^*6+5+4+3)^*2^*1$	547359273	G	$-9+87^*6^*(5+4^3+2+1)$
516561980	G	$((9^8+7)^*6+5+4-3)^*2^*1$	551550966	G	$-9+8^7*(6^5+4+3)-2+1$
516561992	G	$((9^8+7)^*6+5+4+3)^*2^*1$	552345632	G	$9^*-8^7+6^5+4^3+2^*1$
516716818	G	$((9^8-7)^*6+5^4(4+3))^*2^*1$	553420700	G	$98^*(7^6*(5+4)-2^*1)$
516716986	G	$((9^8+7)^*6+5^4(4+3))^*2^*1$	553421092	G	$98^*(7^6*(5+4)+2^*1)$
516875496	G	$((9^8-7)^*6+5+4^3)^*2^*1$	553584388	P	$-((9^*(8-(7+6)))^5-4)^*3+2-1$
516875664	G	$((9^8+7)^*6+5+4^3)^*2^*1$	555258216	G	$-9+(-8^7+6^5+4^3)^*2+1$
517080169	G	$-9^8+7^6*(5+4^3)^2+1$	555437744	G	$(-9-8)^*(7^6)^5/-4+3^2-1$
517197817	G	$-9^8+7^6*((5+4^3)^2+1)$	555874919	G	$-9+((87+6^5-4)^*3)^2-1$
517668029	G	$-9+87*(6^5+4/3-2+1)$	556933527	G	$(-9-8)^7+(6^5+4-3)^2-1$
518832054	G	$(98^*7^6*5-4)^*3^2+1$	557007191	G	$-9+((87+(6^5+4)^*3))^2-1$
518832126	G	$(98^*7^6*5+4)^*3^2+1$	557306775	G	$(-9-8)^7+(6^5+4+3)^2-1$
518832127	G	$(98^*7^6*5+4)^*3^2+1$	558035718	G	$-9+8^7-7^*(6^5+4^3)^2-1$
519388152	G	$-9+(8+(7+6+5^4)^3)^*2+1$	558140552	G	$-9^*8+(7^*(6+5+4)^3)^2-1$
520113654	P	$-(-9-8)+(7^6*5^4)^2+1$	559452498	G	$-9-8+(-7+6^5+4^3)^*2+1$
520113709	P	$-(-9^*8-(7^6*5^4)^2)+1$	562431992	G	$-9+(8^*(76+54))^3/2+1$
522764748	G	$-9+8^*(7^6-6)^5+4^3)/2+1$	564133880	G	$-9-8^7*(6^5+4-3)^2+1$
522764822	G	$-98-((7^6)^5*-4+3^2)+1$	564349119	G	$-9+8^7*(6^5+4-32-1)$
522765330	G	$(98+(7^6)^5)^4+3^2+1$	564349167	G	$-9+8^*(7^*(6^5+4)-32)-1$
523540153	G	$-9+(87^*(6^5+4+3))^2+1$	564350462	P	$-9-8^*7^*(6^5+4-3^2)-1$
524386038	G	$-9+(-8^*(7-6^5+4))^3/2-1$	564350632	G	$-9+8^7*(6^5+4-3)^2+1$
526385144	G	$-9+8^7*(6^5+4-3^2)+1$	564350920	P	$-9-8^*(7^6*-(-5-4)+3^2)+1$
528173056	G	$-9^8+(-7+6^5+4)^3+2+1$	564351168	P	$9-8^*(7^*(6^5-(-5-4)+3)+2)-1$
528173272	G	$-9^8-7+6^5+4^3+2^*1$	564351304	G	$-9+8^7*(6^5+4+3)^2+1$
528173280	G	$-9^8+((-7-6)^5)^4+3^2+1$	564351470	P	$-9-8^7*(6^5+4+3^2)-1$
528173286	G	$-9^8+7+6^5+4^3+2^*1$	564352703	G	$-9+8^7*(6^5+4+32-1)$
531533015	G	$-9+((87-6^5+4)^*3)^2-1$	564352751	P	$-9-8^*(7^*(6^5-(-5-4)-32)+1)$
532640231	G	$-9+((87-6^5-4)^*3)^2-1$	564352758	P	$-9-8^7*(6^5+4+32)-1$
533207167	G	$-9+8^*((-7-6)^*(5^4+3))^2+1$	564950474	G	$-9-(8-7^6(6+5)/(4+3)/2)+1$
534562842	G	$-9^8+(7+6^5)^3+2+1$	564950480	G	$-9-(8-7^6(6+5)/(4+3)/2)+1$
535518729	G	$(9+8-7)^*(6^5+4^3-2)-1$	566230805	P	$-((9+(8^7*6+5)^*(4+3+2))-1$
536870495	G	$(-9-(-8^7(7+6-5)+4))^3+2-1$	566952838	G	$(9^8*7-6^5+4-3)^*2^*1$
536870793	G	$9+(8^7(7+6-5)-4)^*(32^*1)$	566952850	G	$(9^8*7-6^5+4+3)^*2^*1$
536870919	P	$-(-9-8^7(7-6+5+4)-3)/2+1$	568329809	G	$-9+(8^7+6)^*(54^*(3+2)+1)$
536871048	G	$9+(8^7(7+6-5)+4)^3+2-1$	569122839	G	$-9-8^7+6^5+4^3+2^*1$
536871049	G	$9+(8^7(7+6-5)+4)^3+2^*1$	571218200	P	$-((9+(8^7-6^5+4)^3)+1$
541064994	P	$-((9+(8^7*6+5)^4)^3+2^*1$	571219013	G	$-987+6^5+4^3+2^*1$
541538694	G	$-9-8^7+((6^5-4)^*3)^2-1$	571219217	G	$9^*-87+6^5+4^3+2^*1$
542187918	G	$(9^8*7-6^5(5+4)^*3)^*2^*1$	571219314	G	$98^*-7+6^5+4^3+2^*1$
542656926	G	$-98+((7-6^5+4)^*3)^2-1$	571219496	G	$9^*-8^7+6^5+4^3+2^*1$
542658438	G	$-9-8^7+((6^5+4)^*3)^2-1$	571219895	G	$-98-7+6^5+4^3+2^*1$
542936609	G	$9+(8+(7-(6^5-4)^*3))^2-1$	571219904	G	$-9-87+6^5+4^3+2^*1$
543309465	G	$-9-8+(7-(6^5-4)^*3)^2+1$	571219909	G	$-98+7+6^5+4^3+2^*1$
543589215	G	$-9+(8-7-(6^5-4)^*3)^2-1$	571219921	G	$9-87+6^5+4^3+2^*1$
543634870	G	$-987+((6^5-4)^*3)^2+1$	571219927	G	$-9^*8+((7+6)^5)^4+3^2-1$
543635072	G	$-9^*87+((6^5-4)^*3)^2-1$	571219935	G	$9^*-8+7+6^5+4^3+2^*1$
543635169	G	$-98^*7+((6^5-4)^*3)^2-1$	571219986	G	$-98/7+6^5+4^3+2^*1$

571219990	G	$-9-8+7+65^4*32^*1$	602653452	G	$(9^8*7-6*54+3)*2^*1$
571219998	G	$(9+87)*65^4/3-2^*1$	602653568	G	$(9^8*7-65^4-3)*2^*1$
571220047	G	$-9+8*7+65^4*32^*1$	602653580	G	$(9^8*7-65^4+3)*2^*1$
571220078	G	9^8*7+65^4*32-1	602653652	G	$(9^8*7-6-5^4*3)*2^*1$
571220248	G	$-9+(8+((7+6)^5)^4)*32+1$	602653676	G	$(9^8*7+6-5^4*3)*2^*1$
573317143	G	$-9+8^7+65^4*32^*1$	602653758	G	$(9^8*7-6-54^3)*2^*1$
578833071	G	$-9+8*7^6*(5^4-3^2-1)$	602653782	G	$(9^8*7+6-54^3)*2^*1$
578833089	G	$9+8*7^6*(5^4-3^2-1)$	602653836	G	$(9^8*7-65-4^3)*2^*1$
579076086	G	$-9+(8*(7^6+5)/4^3-3)^2-1$	602653878	G	$(9^8*7-65-43)*2^*1$
580715455	G	$-9+8*7^6*(5^4-3^2+1)$	602653940	G	$(9^8*7-65-4^3)*2^*1$
580715473	G	$9+8*7^6*(5^4-3^2+1)$	602653944	G	$(9^8*7-6-5-4^3)*2^*1$
582498696	G	$(9^8*7-6^4(5+4)-3)*2^*1$	602653948	G	$(9^8*7-6^5-4^3)*2^*1$
582498708	G	$(9^8*7-6^4(5+4)+3)*2^*1$	602653950	G	$(9^8*7-65-4-3)*2^*1$
584026434	G	$-9+(8-(-7-6))^5*(4^3)^2-1$	602653962	G	$(9^8*7-65-4+3)*2^*1$
584506446	G	$-9+87*(6^4(5+4)/3^2+1)$	602653966	G	$(9^8*7-65+4-3)*2^*1$
584615106	G	$-9-(-8-7)*((6+5)^4(4+3))^2-1$	602653968	G	$(9^8*7-6-54-3)*2^*1$
584615122	G	$-9+(8+7)/(6+5)^4(-4-3)^2+1$	602653978	G	$(9^8*7-65+4+3)*2^*1$
585085134	G	$(9^8-8^7+654)^*(-32+1)$	602653980	G	$(9^8*7-6-54+3)*2^*1$
585107361	G	$9*(8^7+6+5-4)^*(32-1)$	602653986	G	$(9^8*7-6-5-4^3)*2^*1$
588009506	G	$98*(7^6*(54-3)-2^*1)$	602653988	G	$(9^8*7-65+4^3)*2^*1$
588009699	G	$98*7^6*(54-3)-2-1$	602653992	G	$(9^8*7+6-54-3)*2^*1$
588009700	G	$98*7^6*(54-3)-2^*1$	602654004	G	$(9^8*7+6-54+3)*2^*1$
588009704	G	$98*7^6*(54-3)+2^*1$	602654005	G	$(9^8*7+6-54+3)*2^*1$
588009705	G	$98*7^6*(54-3)+2+1$	602654006	G	$(9^8*7-6+5-4^3)*2^*1$
588009898	G	$98*(7^6*(54-3)+2)^*1$	602654036	G	$(9^8*7-6-5^4-3)*2^*1$
588239408	P	$-((9-8*7^6)/5^4-4-32)+1$	602654050	G	$(9^8*7-65+4^3)*2^*1$
588244736	G	$-9-8*(7^6*5^4+32)+1$	602654051	G	$(9^8*7-65+4^3)*2+1$
588244966	G	$-9+8*(7^6*5^4-3)-2+1$	602654058	G	$(9^8*7-6^4(5-4)^3)*2^*1$
588250635	G	$(-9-8/7^6-6)*5^4+3^2+2+1$	602654060	G	$(9^8*7+6-5^4-3)*2^*1$
590834618	P	$-(9^8-76^5/4+3)-2^*1$	602654068	G	$(9^8*7+6^5-4^3)*2^*1$
591396854	P	$-(9+8^7*(6-(5+4)^3))-1$	602654069	G	$(9^8*7+6^5-4^3)*2+1$
591462327	G	$-9+8*(7^6*5^4)^3)^2-1$	602654076	G	$(9^8*7-6^4(5-4)-3)^*(2^*1)$
591462382	P	$-(9+8)+(76*5^4)^3)^2-1$	602654082	G	$(9^8*7+6-5-4-3)*2^*1$
591848127	G	$-9^8-7/6^4(-5-4)^3-3^2+1$	602654086	G	$(9^8*7-6-5+4+3)*2^*1$
592703982	G	$-9-8-(7^6*5^4)^3-2+1$	602654102	G	$(9^8*7+6+5-4-3)*2^*1$
593481932	G	$-9+(8+(7^6*5^4)^3)^2-1$	602654106	G	$(9^8*7-6+5+4+3)*2^*1$
594415574	P	$-9-8*7^6-(6^5*4^3)^2-1$	602654112	G	$(9^8*7+6^4(5-4)+3)^*(2^*1)$
594415631	G	$-9-8*7^6((6^5*4^3)^2+1)$	602654119	G	$(9^8*7-6^5+4^3)*2-1$
594542559	P	$-(9^8-8*(7/-6^4(5^*-4))+32)-1$	602654120	G	$(9^8*7-6^5+4^3)*2^*1$
594542561	P	$-(9^8-8*(7/-6^4(5^*-4))+32)+1$	602654128	G	$(9^8*7-6+5^4+3)*2^*1$
594542585	P	$-(9^8-8*(7^6-6^4(5^4))+3^2)-1$	602654130	G	$(9^8*7+6+5+4+3)*2^*1$
594542597	P	$-(9^8-8*(7^6-6^4(5^4))-3^2)-1$	602654137	G	$(9^8*7+65-4^3)*2-1$
594542599	P	$-(9^8-8*(7^6-6^4(5^4))-3^2)+1$	602654138	G	$(9^8*7+65-4^3)*2^*1$
595774527	G	$-9+8*7^6*(5^4+3^2-1)$	602654152	G	$(9^8*7+6+5^4+3)*2^*1$
595774545	G	$9+8*7^6*(5^4+3^2-1)$	602654182	G	$(9^8*7+6-5+4^3)*2^*1$
597445626	G	$-9+(8+76)^5/(4+3)+2+1$	602654183	G	$(9^8*7+6-5+4^3)*2+1$
597656911	G	$-9+8*7^6*(5^4+3^2+1)$	602654184	G	$(9^8*7-6+54-3)*2^*1$
597656929	G	$9+8*7^6*(5^4+3^2+1)$	602654196	G	$(9^8*7-6+5+4^3)*2^*1$
598095928	G	$-9+(8*(765^4-3))^2+1$	602654200	G	$(9^8*7+65-4^3)*2^*1$
600446008	G	$-9+(8*(765^4+3))^2+1$	602654202	G	$(9^8*7+6+5+4^3)*2^*1$
601716594	G	$(9^8*7-6^5(4+3))^2+1$	602654208	G	$(9^8*7+6+54-3)*2^*1$
602362808	G	$-9+8*7^6*5/-4^4(-3-(2^*1))$	602654210	G	$(9^8*7+65-4-3)*2^*1$
602362863	G	$-9+8*7^6*5^4(3+2^*1)$	602654220	G	$(9^8*7+6+54+3)*2^*1$
602497832	G	$(9^8*7-6-5^4(4+3))^2+1$	602654222	G	$(9^8*7^4(6-5)+4^3)^2+1$
602497856	G	$(9^8*7+6-5^4(4+3))^2+1$	602654226	G	$(9^8*7+65+4-3)*2^*1$
602560782	G	$(9^8*7-6^4(5+4-3))^2+1$	602654238	G	$(9^8*7+65+4+3)*2^*1$
602641008	G	$(9^8*7-6543)^2+1$	602654240	G	$(9^8*7+6^5+4^3)*2^*1$
602647578	G	$(9^8*7-6^5*43)^2+1$	602654244	G	$(9^8*7+6+5+4^3)*2^*1$
602648504	G	$(9^8*7-65^4*3)^2+1$	602654248	G	$(9^8*7+65+4^3)*2^*1$
602650170	G	$(9^8*7-654^3)^2+1$	602654310	G	$(9^8*7+65+4^3)*2^*1$
602651502	G	$(9^8*7-6^4(5-4+3))^2+1$	602654352	G	$(9^8*7+65+4^3)*2^*1$
602652780	G	$(9^8*7-654-3)^2+1$	602654406	G	$(9^8*7-6+54^3)*2^*1$
602652792	G	$(9^8*7-654+3)^2+1$	602654430	G	$(9^8*7+6+54^3)*2^*1$
602652826	G	$(9^8*7-6-5^4-3)^2+1$	602654512	G	$(9^8*7-6+5^4*3)*2^*1$
602652838	G	$(9^8*7-6-5^4+3)^2+1$	602654536	G	$(9^8*7+6+5^4*3)*2^*1$
602652850	G	$(9^8*7+6-5^4-3)^2+1$	602654608	G	$(9^8*7+65^4-3)*2^*1$
602652862	G	$(9^8*7+6-5^4+3)^2+1$	602654620	G	$(9^8*7+65^4+3)*2^*1$
602652996	G	$(9^8*7-6-54^3)^2+1$	602654736	G	$(9^8*7+6^5+4-3)*2^*1$
602653020	G	$(9^8*7+6-54^3)^2+1$	602654748	G	$(9^8*7+6^5+4+3)*2^*1$
602653440	G	$(9^8*7-6^5+4-3)^2+1$	602655168	G	$(9^8*7-6+54^3)*2^*1$

602655192	G	$(9^8 * 7 + 6 + 543) * 2 * 1$	649230390	G	$-9 + (8 * 7 * 65 * (4 + 3)) ^ 2 - 1$
602655326	G	$(9^8 * 7 - 6 + 5^4 - 3) * 2 * 1$	651604991	G	$-9 + ((8 + 7) * 6 + 5) ^ 4 * (3^2 - 1)$
602655338	G	$(9^8 * 7 - 6 + 5^4 + 3) * 2 * 1$	651605073	G	$9 * 8 - (76 * 5) ^ 4 / - 32 + 1$
602655350	G	$(9^8 * 7 + 6 + 5^4 - 3) * 2 * 1$	652646654	G	$-9^8 + (7 * 6 * (5^4 + 3)) ^ 2 - 1$
602655362	G	$(9^8 * 7 + 6 + 5^4 + 3) * 2 * 1$	653456042	G	$-98 - ((7 * 6 - 6) ^ 5 + 4) * (3 + 2) * 1$
602655396	G	$(9^8 * 7 + 654 - 3) * 2 * 1$	656249999	P	$-9 - 8 * - (7 * 6 / 5 ^ 4 (-4 - 3 - 2) + 1)$
602655408	G	$(9^8 * 7 + 654 + 3) * 2 * 1$	657187118	G	$98 * (7^6 * (54 + 3) - 2) * 1$
602656686	G	$(9^8 * 7 + 6^5 (5 - 4 + 3)) * 2 * 1$	657187510	G	$98 * (7^6 * (54 + 3) + 2 * 1)$
602658018	G	$(9^8 * 7 + 654 * 3) * 2 * 1$	658503853	G	$9 + (8^7 - 6) * (5^4 + 3) / (2 * 1)$
602659684	G	$(9^8 * 7 + 65^4 * 3) * 2 * 1$	661775546	P	$9 * - (8 - 7^6 / 5^4 - 4) - 3 * 2 - 1$
602660610	G	$(9^8 * 7 + 6^5 * 543) * 2 * 1$	661775560	P	$9 * - (8 - 7^6 / 5^4 - 4) + 3 * 2 + 1$
602667180	G	$(9^8 * 7 + 6543) * 2 * 1$	661775589	G	$-9 * (8 - (7^6 * 5^4 + 3 + 2) + 1)$
602747406	G	$(9^8 * 7 + 6^5 (5 + 4 - 3)) * 2 * 1$	661775690	G	$9 * (8 - 7^6 / - 5^4 - 4) - 3 * 2 - 1$
602810332	G	$(9^8 * 7 - 6 + 5^4 (4 + 3)) * 2 * 1$	661775704	G	$9 * (8 - 7^6 / - 5^4 - 4) + 3 * 2 + 1$
602810356	G	$(9^8 * 7 + 6 + 5^4 (4 + 3)) * 2 * 1$	662040528	G	$-9 / (8 - 7 * (65 - 4)) ^ - 3 - 2 - 1$
603591594	G	$(9^8 * 7 + 6^5 * 5^4 (4 + 3)) * 2 * 1$	662040530	G	$-9 / (8 - 7 * (65 - 4)) ^ - 3 - 2 + 1$
603591595	G	$(9^8 * 7 + 6^5 * 5^4 (4 + 3)) * 2 + 1$	662747766	P	$-9 + (8 - 76 * - (5 + 4)) ^ 3 * 2 - 1$
605468740	G	$-9 + (8 * 7 + 6) / 5^4 (-4 - 3 * 2) - 1$	663120270	G	$(9^8 * 7 + 6^5 (5 + 4) * 3) * 2 * 1$
605468803	P	$-9 - (8 * 7 + 6) * - (5^4 (4 + 3 * 2) + 1)$	664062492	G	$-9 - (8 - 76) / 5^4 (-4 - 3 * 2) + 1$
610409419	P	$-(9^8 + ((7 * 6 - 6) ^ 5 + 4) * (3 + 2)) * 1$	664062559	G	$-9 - (8 - 76) * (5^4 (4 + 3 * 2) + 1)$
616062194	G	$-9^8 + (7^6 (6 + 5) - 4) / 3 + 2 * 1$	666896234	G	$-9 + (8^7 + 6) * (5 * 4^3 - 2) - 1$
617831544	P	$-(9 + (8 - 76 * (5 + 4)) ^ 3 * 2) + 1$	671846392	G	$-9 + ((-87 + 6) * 5 * 4^3) ^ 2 + 1$
622597626	G	$98 * (7^6 * 54 - 3^2) * 1$	674179190	G	$-9 + 8 / (765 * 4 * 3) ^ - 2 - 1$
622597920	G	$98 * (7^6 * 54 - 3 - 2 - 1)$	677658230	P	$-9 - 8 * 7^6 * 5 * - (4 * 3) ^ 2 - 1$
622598211	G	$98 * (7^6 * 54 - 3) - 2 - 1$	678052495	G	$(-9 - 8) ^ 7 + 6^5 (5 + 4 + 3) / (2 * 1)$
622598212	G	$98 * (7^6 * 54 - 3) - 2 * 1$	679474342	G	$(-9 + 8^7) * 6 * 54 + 3^2 + 1$
622598216	G	$98 * (7^6 * 54 - 3) + 2 * 1$	681574370	P	$-(9 + (8^7 * - 65 + 4) * (3 + 2)) - 1$
622598409	G	$98 * (7^6 * 54 - 3 + 2) - 1$	682045448	P	$-(9 - (8 - 7 * 6 * (5^4 - 3)) ^ 2) + 1$
622598498	G	$98 * 7^6 * 54 - 3^2 - 1$	682463303	G	$-9 * 8 + (7 * 6 * (-5^4 + 3)) ^ 2 - 1$
622598607	G	$98 * (7^6 * 54 + 3 - 2) + 1$	682463358	P	$-(9 + 8) + (7 * 6 * (-5^4 + 3)) ^ 2 - 1$
622598800	G	$98 * (7^6 * 54 + 3) - 2 * 1$	682463475	G	$98 + (7 * 6 * (-5^4 + 3)) ^ 2 + 1$
622598804	G	$98 * (7^6 * 54 + 3) + 2 * 1$	682881416	P	$-(9 - (8 - 7 * - 6 * (5^4 - 3)) ^ 2) + 1$
622598805	G	$98 * (7^6 * 54 + 3) + 2 + 1$	683671564	G	$9 + 8^7 * (6 + 5 * 4^3) + 2 + 1$
622599096	G	$98 * (7^6 * 54 + 3 + 2 + 1)$	684195831	G	$-9 + 87 * 6 * 5 * 4^4 (3^2 * 1)$
622599390	G	$98 * (7^6 * 54 + 3^2) * 1$	684246574	G	$-9 + 8 / 7^6 - 6 * ((5 + 4) ^ 3 - 2) - 1$
622809480	G	$(9^8 * 7 + 6^5 (5 + 4) - 3) * 2 * 1$	685768694	G	$-9 + 8^7 * (6^5 * 54 + 3) - 2 + 1$
622809492	G	$(9^8 * 7 + 6^5 (5 + 4) + 3) * 2 * 1$	685953271	P	$-(9^8 + 7) + (6 * 5) ^ 4 (3 * 2) - 1$
624599160	G	$-9 + (8 * (7 * 6 + 5)) ^ 4 / 32 + 1$	686520686	G	$-9 * 8 + (7 + 6) ^ 5 / 43^4 - 2 + 1$
624771778	G	$-98 + 7 / (65^4 - 4 / (3 + 2)) + 1$	688944210	G	$-9 + (8 + (76 + 5^4) ^ 3) * 2 + 1$
627803126	G	$-9 + (87 * 6 * (5 + 43)) ^ 2 - 1$	690165538	G	$98 + (7 * (6 / 5^4 - 4 + 3)) ^ 2 - 1$
637537239	G	$-9 + 8 * 76 * (5 + 4^3 (3^2 + 1))$	691776121	G	$98 * 7^6 * 5 * 4 * 3 + 2 - 1$
638355338	G	$(9^8 * 7 + 65^4 - 3) * 2 * 1$	691896824	G	$-9 + (8 - ((-7 - 6) * 54) ^ 3) * 2 + 1$
638355350	G	$(9^8 * 7 + 65^4 + 3) * 2 * 1$	692062130	G	$-9 + (8^7 + 6) * 5 * (4^3 + 2) - 1$
639069296	G	$-9^8 + 7^6 * 543 * 1$	694252001	G	$(9 * - 8 - 7) * (65 * - 4) ^ 3 / 2 + 1$
639416654	G	$-9^8 + (7 * 6 * (-5^4 + 3)) ^ 2 - 1$	694654273	P	$9 * 8 * - (7^6 - 5^4 - (-4 - 3 * 2)) + 1$
640026982	G	$-9 - (8 - (76 * (5 + 4)) ^ 3) * 2 - 1$	695271414	P	$-(9 - (8 - 7 * 6 * (5^4 + 3)) ^ 2) - 1$
640026990	P	$-(9 + 8 - (76 * (5 + 4)) ^ 3 * 2) - 1$	695688368	P	$(9 - (87 + 6) ^ 5 + 4) / - (3^2 + 1)$
642622139	G	$9 * 8 * (-7 + 65^4 - 3) / 2 - 1$	695693279	G	$-98 + (7 * 6 * (-5^4 - 3)) ^ 2 + 1$
642622357	G	$9 * 8 * (-7 + 65^4 + 3) / 2 + 1$	695693303	G	$-9 * 8 + (7 * 6 * (5^4 + 3)) ^ 2 - 1$
643102743	G	$-9^8 + (7 + 6) ^ 5 * (43^2 - 1)$	695693358	G	$-9 - 8 + (7 * 6 * (5^4 + 3)) ^ 2 - 1$
643936093	G	$((9^8 - 7^6) * 5 + 4) * 3 + 2 - 1$	696115446	P	$-(9 - (8 - 7 * - 6 * (5^4 + 3)) ^ 2) - 1$
643936095	G	$((9^8 - 7^6) * 5 + 4) * 3 + 2 + 1$	698353429	G	$(9 * (8^7 + 6) - 5) * (4 / 3^2 - 2 + 1)$
645657709	G	$98^4 (-7 + 6 + 5) * (4 + 3) - 2 - 1$	699140779	G	$-9^8 - 76 * (-5^4 (4 + 3 * 2) * 1)$
645657715	G	$98^4 (-7 + 6 + 5) * (4 + 3) + 2 + 1$	699140780	P	$-(9^8 - 76 / 5^4 - (4 * 3 - 2)) + 1$
645700605	G	$((9^8 - 7 - 6) * 5 - 4) * 3 - 2 - 1$	699140855	G	$-9^8 - 76 * (-5^4 (4 + 3 * 2) - 1)$
645700607	G	$((9^8 - 7 - 6) * 5 - 4) * 3 - 2 + 1$	699400192	G	$(-98 + 765) * 4^4 (3^2 + 1)$
645700609	G	$((9^8 - 7 - 6) * 5 - 4) * 3 + 2 - 1$	701156088	G	$(9^8 - (7 * 6) ^ 5) / (-4 / 32 * 1)$
645700995	G	$((9^8 + 7 + 6) * 5 - 4) * 3 - 2 - 1$	701614136	G	$-9 + (8 * 7 * (-6 - 5) ^ 4 * 3) ^ 2 + 1$
645700997	G	$((9^8 + 7 + 6) * 5 - 4) * 3 - 2 + 1$	706218430	P	$-9 + (- (8 + 7) ^ 6 + 5) * (-4^3 + 2) - 1$
645700999	G	$((9^8 + 7 + 6) * 5 - 4) * 3 + 2 - 1$	708730874	G	$-9 + (87 * 6 * (54 - 3)) ^ 2 - 1$
645701021	G	$((9^8 + 7 + 6) * 5 + 4) * 3 - 2 + 1$	709421246	P	$-9^8 - 7 * - (6^5 * 4 / 3) ^ 2 - 1$
645897482	G	$-9^8 + (76 + 5^4) ^ 3 * 2 + 1$	709421247	P	$-9^8 - 7 * - (6^5 * 4 / 3) ^ 2 * 1$
646424065	P	$9 * (-8^7 + 6^5 - (-5 - 4)) * 3^2 + 1$	709421254	P	$-9^8 - 7 * (- (6^5 * 4 / 3) ^ 2 - 1)$
647465535	G	$((9^8 + 7^6) * 5 - 4) * 3 - 2 - 1$	710898511	G	$(9^8 + 7 - 6 * 5^4 (4 * 3)) / (-2 * 1)$
647465537	G	$((9^8 + 7^6) * 5 - 4) * 3 - 2 + 1$	713547507	G	$-9 * 8^7 + 6 * 5^4 (4 * 3) / (2 * 1)$
647465539	G	$((9^8 + 7^6) * 5 - 4) * 3 + 2 - 1$	717445309	G	$(9^8 - 7) * 6 + 54^4 (3 + 2) + 1$
647465561	G	$((9^8 + 7^6) * 5 + 4) * 3 - 2 + 1$	717445391	G	$(9^8 + 7) * 6 + 54^4 (3 + 2) - 1$
647465563	G	$((9^8 + 7^6) * 5 + 4) * 3 + 2 - 1$	720011880	P	$9 * 8 / (7^6 - 6 / - (-54 - 32 + 1))$
647465565	G	$((9^8 + 7^6) * 5 + 4) * 3 + 2 + 1$	721420278	P	$-(9 - 8^7 * (6 * (54 + 3) + 2)) - 1$
648850096	P	$-9^8 + (- (-7 - 6) * 54) ^ 3 * 2 + 1$	722534392	G	$-9 + ((-8 - 76) * 5 * 4^3) ^ 2 + 1$

725347862	G	$-9 + (8 - 7 * (6 + 5)) ^ 4 * 32 - 1$	774841215	G	$(9 ^ 8 + 7 + 6) * 54 / 3 + 2 + 1$
725594046	G	$-9 - 8 * (7 - 6 ^ 4 (5 + 4) * 3 ^ 2) - 1$	774841263	G	$((9 ^ 8 + 7) * 6 + 54) * 3 - 2 - 1$
725979126	G	$-9 + (8 * (7 - (6 - (-5 - 4)) ^ 3)) ^ 2 - 1$	774841265	G	$((9 ^ 8 + 7) * 6 + 54) * 3 - 2 + 1$
726902856	P	$-((-9 + 8 ^ 7) + (6 * 5) ^ 4 (4 * 3 / 2) - 1$	774842728	G	$((9 ^ 8 - 7) * 6 + 5 ^ 4) * 3 + 2 - 1$
728482178	G	$(9 * 8 * 7 ^ 6 - 5) * 43 * 2 * 1$	774842730	G	$((9 ^ 8 - 7) * 6 + 5 ^ 4) * 3 + 2 + 1$
728483038	G	$(9 * 8 * 7 ^ 6 + 5) * 43 * 2 * 1$	774842976	G	$((9 ^ 8 + 7) * 6 + 5 ^ 4) * 3 - 2 - 1$
728999880	G	$(-9 - 8) * 7 + (6 * 5) ^ 4 (4 * 3 / 2) - 1$	774842978	G	$((9 ^ 8 + 7) * 6 + 5 ^ 4) * 3 - 2 + 1$
728999910	G	$-98 + 7 + (6 * 5) ^ 4 (4 * 3 / 2) + 1$	774842980	G	$((9 ^ 8 + 7) * 6 + 5 ^ 4) * 3 + 2 - 1$
728999975	P	$-(9 + 8 + 7) + (6 * 5) ^ 4 (4 * 3 / 2) - 1$	774842982	G	$((9 ^ 8 + 7) * 6 + 5 ^ 4) * 3 + 2 + 1$
728999987	G	$-98 / 7 + (6 * 5) ^ 4 (4 * 3 / 2) + 1$	775468589	G	$9 ^ 8 - 7 + 6 * 5 ^ 4 (4 * 3) / (2 * 1)$
729000255	G	$(-9 - (8 + 7) ^ 6 + 5) / -4 ^ 3 - 2 + 1$	775468603	G	$9 ^ 8 + 7 + 6 * 5 ^ 4 (4 * 3) / (2 * 1)$
729000503	G	$9 * 8 * 7 + (6 * 5) ^ 4 (4 * 3 / 2) - 1$	775901015	G	$-9 + ((8 + 7) * (6 - 5 ^ 4) * 3) ^ 2 - 1$
729794221	G	$(9 ^ 8 - 7 ^ 6) * (5 + 4 * 3) - 2 - 1$	777600145	P	$(-(-9 - (8 - 7)) * 6) ^ 5 + (4 * 3) ^ 2 + 1$
729794223	G	$(9 ^ 8 - 7 ^ 6) * (5 + 4 * 3) - 2 + 1$	779917321	G	$-9 + (87 * (6 ^ 5 - 43)) ^ 2 + 1$
729794225	G	$(9 ^ 8 - 7 ^ 6) * (5 + 4 * 3) + 2 - 1$	784147400	G	$9 + 8 * (7 * 6) ^ 5 / 4 * 3 - 2 + 1$
729794227	G	$(9 ^ 8 - 7 ^ 6) * (5 + 4 * 3) + 2 + 1$	786060257	G	$(-9 + 87) / 6 ^ 4 (5 - 4) * 3 + 2 + 1$
729808886	G	$-9 - 8 * 7 * 6 * (5 * 4 * 3 - 2) - 1$	786240503	G	$-9 + 8 * (7 * (6 * 5 ^ 4 - 3) ^ 2 + 1)$
731097160	P	$(-(-9 - 8 ^ 7) + (6 * 5) ^ 4 (4 * 3 / 2) - 1$	787499999	G	$9 * 8 * 7 * (6 * 5 ^ 4 / 3) ^ 2 - 1$
732027126	G	$-9 + (8 * (7 + (6 + (5 + 4)) ^ 3)) ^ 2 - 1$	788760503	G	$-9 - 8 * (-7 * (6 * 5 ^ 4 + 3) ^ 2 - 1)$
732421888	G	$-98 + 7 + 6 * 5 ^ 4 (4 * 3) / (2 * 1)$	788953279	P	$- (9 ^ 8 + (-7 - 6) * (5 * 4) ^ 4 (3 * 2)) * 1$
732421092	G	$-9 * 87 + 6 * 5 ^ 4 (4 * 3) / (2 * 1)$	788953292	P	$-9 ^ 8 + (-7 - 6) * (- (5 * 4) ^ 4 (3 * 2) - 1)$
732421189	G	$-98 * 7 + 6 * 5 ^ 4 (4 * 3) / (2 * 1)$	789189882	G	$9 ^ 8 * (7 - 6 + 54) / 3 - 2 - 1$
732421371	G	$-9 * 8 * 7 + 6 * 5 ^ 4 (4 * 3) / (2 * 1)$	789189884	G	$9 ^ 8 * (7 - 6 + 54) / 3 - 2 + 1$
732421770	G	$-98 - 7 + 6 * 5 ^ 4 (4 * 3) / (2 * 1)$	789189886	G	$9 ^ 8 * (7 - 6 + 54) / 3 + 2 - 1$
732421784	G	$-98 + 7 + 6 * 5 ^ 4 (4 * 3) / (2 * 1)$	789189888	G	$9 ^ 8 * (7 - 6 + 54) / 3 + 2 + 1$
732421797	G	$9 - 87 + 6 * 5 ^ 4 (4 * 3) / (2 * 1)$	791015697	G	$-9 + (87 - 6) * (5 ^ 4 (4 + 3 * 2) + 1)$
732421940	G	$9 + 8 * 7 + 6 * 5 ^ 4 (4 * 3) / (2 * 1)$	792720726	P	$(9 * 8 ^ 7 - 65) * (- (43 + 2) - 1)$
732421966	G	$98 - 7 + 6 * 5 ^ 4 (4 * 3) / (2 * 1)$	792723446	G	$-9 + 8 * 7 * 6 * (5 + 4 * 3) ^ 2 - 1$
732421980	G	$98 + 7 + 6 * 5 ^ 4 (4 * 3) / (2 * 1)$	793772023	G	$-9 - (8 - 765) * 4 ^ 4 (3 ^ 2 + 1)$
732422379	G	$9 * 8 * 7 + 6 * 5 ^ 4 (4 * 3) / (2 * 1)$	795542535	G	$98 * 7 * 6 * (5 + 4 * 3) - 2 - 1$
732422561	G	$98 * 7 + 6 * 5 ^ 4 (4 * 3) / (2 * 1)$	795542537	G	$98 * 7 * 6 * (5 + 4 * 3) - 2 + 1$
732422658	G	$9 * 87 + 6 * 5 ^ 4 (4 * 3) / (2 * 1)$	795542539	G	$98 * 7 * 6 * (5 + 4 * 3) + 2 - 1$
732422862	G	$987 + 6 * 5 ^ 4 (4 * 3) / (2 * 1)$	795542541	G	$98 * 7 * 6 * (5 + 4 * 3) + 2 + 1$
733794287	G	$(9 ^ 8 + 7 ^ 6) * (5 + 4 * 3) - 2 - 1$	796917751	G	$-9 + 8 * 76 * 5 * 4 ^ 4 (3 ^ 2 * 1)$
733794289	G	$(9 ^ 8 + 7 ^ 6) * (5 + 4 * 3) - 2 + 1$	799470008	P	$(- (987 * (6 * 5) ^ 4 - 3 * 2) - 1$
733794291	G	$(9 ^ 8 + 7 ^ 6) * (5 + 4 * 3) + 2 - 1$	800980992	G	$(9 / -8 + 765) * 4 ^ 4 (3 ^ 2 + 1)$
733794293	G	$(9 ^ 8 + 7 ^ 6) * (5 + 4 * 3) + 2 + 1$	802128406	G	$-9 ^ 8 + (-76 ^ 5 + 4) / -3 + 2 + 1$
737168885	G	$(9 ^ 8 - 7 / 65 ^ 4 - 4) / -3 ^ 4 - 2 - 1$	803538791	G	$9 ^ 8 * 7 / 6 * (5 - 4 + 3) ^ 2 - 1$
737894521	G	$(98 ^ 4 (-7 + 6 + 5) * 4 - 3) * 2 - 1$	804403036	G	$-9 + (87 * (6 - 5 * 4 ^ 3)) ^ 2 + 1$
737894522	G	$(98 ^ 4 (-7 + 6 + 5) * 4 - 3) * 2 * 1$	805309507	G	$(9 + 8 * 7) * 6 - 5 * 4 * 3 + 2 + 1$
737894534	G	$(98 ^ 4 (-7 + 6 + 5) * 4 + 3) * 2 * 1$	806276015	G	$-9 + ((-8 - 7) * (-6 - 5 ^ 4) * 3) ^ 2 - 1$
737894535	G	$(98 ^ 4 (-7 + 6 + 5) * 4 + 3) * 2 + 1$	809345593	G	$-9 + (87 * (6 ^ 5 + 43)) ^ 2 + 1$
738112533	P	$(-((9 * (8 - 7 - 6)) ^ 5 * 4 - 32) + 1$	811600618	G	$(9 * 8 ^ 7 + 65) * 43 - 2 + 1$
741100671	G	$-9 + 8 * (7 * 6) ^ 5 * 4 * 3 / 2 * 1$	811623120	G	$(9 * 8 - (7 + 6) ^ 4 (5 - 4 + 3)) ^ 2 - 1$
741200608	G	$-9 + ((-8 - 7) * (6 + 5)) ^ 4 - 3 ^ 2 + 1$	816292160	P	$9 * (-8 - (7 - 6 ^ 4 - (-5 - 4))) * 3 ^ 2 - 1$
741200609	G	$-9 + ((8 + 7) * (6 + 5)) ^ 4 - 3 * 2 - 1$	816293294	P	$9 * (-8 + 7 + 6 ^ 4 - (-5 - 4)) * 3 ^ 2 - 1$
742187429	G	$-9 * 8 + 76 * 5 ^ 4 (4 + 3 * 2) + 1$	816916672	G	$-9 ^ 8 + (7 + 65) ^ 4 * 3 + 2 + 1$
742187504	G	$-9 * 8 + 76 * (5 ^ 4 (4 + 3 * 2) + 1)$	819848688	G	$(9 * 8 + (7 + 6) ^ 4 (5 - 4 + 3)) ^ 2 - 1$
742187575	P	$(- (9 - 8) - 76 * (-5 ^ 4 (4 + 3 * 2) - 1)$	820125503	G	$9 * 8 * (7 + (-6 - 5 - 4) ^ 4 (3 * 2)) - 1$
746273116	G	$-9 + (87 * (6 - 5 * 4 ^ 3)) ^ 2 + 1$	820312575	G	$-9 + (8 + 76) * (5 ^ 4 (4 + 3 * 2) + 1)$
751296243	G	$9 * 8 * 7 + 6 * 5 ^ 4 (4 * 3) / (2 * 1)$	826097654	G	$-9 + (8 * 7) ^ 4 (6 - 5 + 4) * 3 / 2 - 1$
751780910	P	$-9 + (- (8 + 7) ^ 6 + 5) * (- (4 ^ 3 + 2) - 1$	831999903	P	$- (98 + (-7 - 6) * (5 * 4) ^ 4 (3 * 2)) + 1$
752219001	P	$-9 + (- (8 * 7) ^ 6 + 5) / - (43 - 2) - 1$	831999970	P	$- (9 + 8) + (-7 - 6) * (- (5 * 4) ^ 4 (3 * 2) + 1)$
752467944	P	$- (9 + 8) - 7 * (- (6 ^ 5 * 4 / 3) ^ 2 + 1)$	831999984	P	$- (9 + 8) + (-7 - 6) * (- (5 * 4) ^ 4 (3 * 2) + 1)$
752467960	P	$- (9 - 8) - 7 * (- (6 ^ 5 * 4 / 3) ^ 2 + 1)$	831999999	P	$- (9 - 8) + (-7 - 6) * (- (5 * 4) ^ 4 (3 * 2) * 1$
757640049	G	$(9 ^ 8 + 7 ^ 6 (6 + 5)) / (4 / 3 * (2 * 1))$	832000012	P	$- (9 - 8) + (-7 - 6) * (- (5 * 4) ^ 4 (3 * 2) - 1)$
759169016	G	$-9 - 8 * 7 * (6 * 5 * 4 * 3 - 2) + 1$	833282635	G	$-9 ^ 8 (8 + 7 - 6) + 5 ^ 4 (4 + 3 * 2) - 1$
760953732	G	$98 * 7 * 6 * (5 + 4 * 3 - 2 - 1)$	836192889	G	$9 ^ 8 / (76 / 54 + 3) ^ 4 (-2 * 1)$
761719296	G	$(-9 + 87) * (6 + 5 ^ 4 (4 + 3 * 2) + 1)$	838375442	G	$-9 ^ 8 + (765 - 4) ^ 3 * 2 + 1$
769654776	G	$-9 - 8 * 7 * (65 - 432) + 1$	838857199	G	$(-9 + 8 ^ 7) / ((6 + 54) / 3) ^ 4 - 2 - 1$
770127072	G	$-9 ^ 8 + (76 - 5) ^ 4 * 32 + 1$	838857201	G	$(-9 + 8 ^ 7) / ((6 + 54) / 3) ^ 4 - 2 + 1$
772046713	G	$9 ^ 8 - 7 + (6 * 5) ^ 4 (4 * 3 / 2) - 1$	842450634	G	$9 + (8 + 7) ^ 6 / (5 / 43) ^ 2 * 1$
774838978	G	$((9 ^ 8 - 7) * 6 - 5 ^ 4) * 3 + 2 - 1$	842890786	P	$-9 ^ 8 - 7 * (- (6 * 5 ^ 4 * 3) ^ 2 - 1)$
774838980	G	$((9 ^ 8 - 7) * 6 - 5 ^ 4) * 3 + 2 + 1$	843055094	G	$-9 - 8 * 7 * (6 * 5 - 432) - 1$
774839230	G	$((9 ^ 8 + 7) * 6 - 5 ^ 4) * 3 + 2 - 1$	843648001	G	$(-9 - 87) * (65 * 4) ^ 3 / 2 + 1$
774839232	G	$((9 ^ 8 + 7) * 6 - 5 ^ 4) * 3 + 2 + 1$	847974327	G	$-9 * 8 + (7 * 65 * 4 ^ 3) ^ 2 - 1$
774840741	G	$(9 ^ 8 - 7 - 6) * 54 / 3 - 2 - 1$	847974382	P	$- (9 + 8) + (7 * 65 * 4 ^ 3) ^ 2 - 1$
774841109	G	$((9 ^ 8 + 7) / 6 * 54 + 3) * 2 - 1$	849320226	G	$-9 * ((8 * 7 - 65) * (- (43 - 2) + 1)$
774841132	G	$((9 ^ 8 + 7) * 6 + 5 + 4) * 3 + 2 - 1$	849609801	G	$-9 - 87 * (-6 - 5 ^ 4 (4 + 3 * 2) + 1)$
774841134	G	$((9 ^ 8 + 7) * 6 + 5 + 4) * 3 + 2 + 1$	850429264	G	$(9 ^ 8 * 7 - 65 ^ 4) * 3 - 2 * 1$

850429268	G	$(9^8 7 - 65^4) * 3 + 2 * 1$	904025066	G	$(9^8 7 + (6+5)^4) * 3 + 2 * 1$
851705846	G	$-9 + (8 * 76 * (5+43))^2 - 1$	904325174	G	$-9 + (8 * 7 * (6-543))^2 - 1$
853691514	G	$-9 + (87654/3)^2 - 1$	904806390	G	$-9 + (8 * (7-6 * -5^4 + 3))^2 - 1$
853691532	G	$9 + (87654/3)^2 - 1$	905287734	G	$-9 + (8 * (7-6 * (5^4 + 3)))^2 - 1$
859963326	G	$-9 - 8 * (7 - (6^5 4/3)^2) - 1$	905969705	G	$(9^8 7 * 6 + 5) / 4 * 3 + 2 + 1$
860934278	G	$(9^8 - 7) * (6+54) / 3 - 2 * 1$	908203209	G	$-9 + (87+6) * (5^{(4+3*2)} + 1)$
860934282	G	$(9^8 - 7) * (6+54) / 3 + 2 * 1$	912039990	P	$-9 + (8 * (7-6 * - (5^4 + 3)))^2 - 1$
860934558	G	$(9^8 + 7) * (6+54) / 3 - 2 * 1$	914838525	G	$-98 + (7 * 6)^5 * (4+3) - (2-1)$
860934562	G	$(9^8 + 7) * (6+54) / 3 + 2 * 1$	914838560	G	$-9 + (8 + (7 * -6)^5) * (-4-3) + 2 - 1$
864712826	G	$-9 + ((8-7^6+5) / 4 + 3)^2 - 1$	914838672	G	$-9 + (8 + (7 * 6)^5) * (4+3) + 2 - 1$
865065734	G	$-9 + ((-8 - (-7^6+5)) / 4 + 3)^2 - 1$	914838719	G	$98 + (7 * 6)^5 * (4+3) - (2+1)$
865523167	G	$-9 + ((87 * (6+5) - 4)^3 - 2 + 1)$	915870679	G	$-9 + (8 * 7 + 6)^5 - 4^{(3^2 * 1)}$
866466498	G	$-9^8 + (765+4)^3 * 2 + 1$	915897034	G	$(9-8^7) / (-6-5)^{(-4-3)} - 2 - 1$
871696108	G	$(9 - (87-6)^5) / -4 + 3^2 + 1$	915897036	G	$(9-8^7) / (-6-5)^{(-4-3)} - 2 + 1$
876759107	P	$-(9-87 * (6^5(5+4) - 3 - 2)) - 1$	918548187	G	$-9 - 87 * (5 - 4^{(3^2 + 1)})$
876759125	G	$9 + 87 * (6^5(5+4) - 3 - 2) - 1$	922740001	G	$(-98 - 7) * (65 * -4)^3 / 2 + 1$
876759512	G	$-9 + 87 * 6^5(5+4) - 32 + 1$	923790114	G	$-9^8 + (7 - 6^5 * 4 + 3)^2 - 1$
876759631	P	$-(9-87 * (6^5(5+4) + (3-2))) + 1$	923790116	G	$-9^8 + (7 - 6^5 * 4 + 3)^2 + 1$
876759977	G	$-9 + 87 * (6^5(5+4) + 3 + 2) - 1$	924163280	G	$-9^8 + (7 - 6^5 * 4 - 3)^2 + 1$
876762414	G	$-9 + 87 * (6^5(5+4) + 32 + 1)$	924225472	P	$-(9^8 + 7) + (-6^5 * 4 + 3)^2 - 1$
881852408	G	$-9 + (8 * (-7+65) / 4 - 3)^2 + 1$	924225473	P	$-(9^8 + 7) + (-6^5 * 4 + 3)^2 * 1$
882014552	P	$(-9-8) * -((7 / (6-5))^4 * 3)^2 - 1$	924598720	P	$-(9^8 + 7) + (6^5 * 4 + 3)^2 - 1$
884101242	G	$-9 + (87 / 6 * 5)^4 * 3 + 2 + 1$	924660944	G	$-9^8 + (7 + 6^5 * 4 - 3)^2 + 1$
885300506	G	$-9 + (87 * 6^5(54+3))^2 - 1$	927985335	G	$(-9-87 * 6) * (5-4^{(3^2+1)})$
885657592	G	$-9 + ((-87-6) * 5^4 * 3)^2 + 1$	927999992	G	$-9 - 87 / -6 * (5^4)^{(3^2)} + 1$
885937476	G	$-9 - (8 - 7 * ((6/5^4 - 4 * 3)^2 - 1))$	933897761	G	$98 * 7^6 * 54^3 / 2 - 1$
885937492	P	$-(9-8) - 7 * (- (6^5 * 4 * 3)^2 + 1)$	935995196	G	$-9^8 - 7 * (-654^3 / 2 + 1)$
888039990	P	$-9 + (8 * (7-6 * - (-5^4 + 3)))^2 - 1$	937461851	G	$-9^8 + (7 * 6 * (5+4)^3)^2 - 1$
894415204	G	$-9^8 + (7 * 6 * (5+4)^3)^2 + 1$	938313729	G	$-9 + ((8+7) * 65+4)^3 - 2 + 1$
894727734	G	$-9 + (8 * (7-6 * (-5^4 + 3)))^2 - 1$	940035590	G	$-9 + (87 * 6 * 5 * (4+3))^2 - 1$
895206390	G	$-9 + (8 * (7-6 * 5^4 + 3))^2 - 1$	945193526	G	$-9 + (8 * 7 * (6+543))^2 - 1$
898081014	G	$-9 + (8 * (7 - (6^5 * 4 + 3)))^2 - 1$	945616648	G	$-9^8 - (-7^6(6+5) + 4 + 3) / 2 + 1$
900544274	P	$(9 - (- (8+7) - 6)^{(-5+4*3)}) / 2 - 1$	945616655	G	$-9^8 + (7^6(6+5) + 4 + 3) / 2 + 1$
900544276	P	$(9 - (- (8+7) - 6)^{(-5+4*3)}) / 2 + 1$	950881638	P	$(- (9^8 - (7 * 6 * 5)^4) - 3) / - (2 * 1)$
901921014	G	$-9 + (8 * (7 - (-6^5 * 4 + 3)))^2 - 1$	950881641	G	$(9^8 - (7 * 6 * 5)^4 - 3) / (-2 * 1)$
903937216	G	$(9^8 * 7 - (6+5)^4) * 3 - 2 * 1$	957533014	G	$(9^8 * 7 + 65^4) * 3 - 2 * 1$
903937220	G	$(9^8 * 7 - (6+5)^4) * 3 + 2 * 1$	957533018	G	$(9^8 * 7 + 65^4) * 3 + 2 * 1$
903979245	G	$(9^8 * 7 - 6 - 5^4) * 3 - 2 - 1$	958520881	G	$-9 - 8^7 + 6 * 543^{(2+1)}$
903979247	G	$(9^8 * 7 - 6 - 5^4) * 3 - 2 + 1$	961496054	G	$-9 + (8 * 76 * (54-3))^2 - 1$
903979249	G	$(9^8 * 7 - 6 - 5^4) * 3 + 2 - 1$	962715185	G	$-9 + 8^7 + 6 * 543^{(2+1)}$
903979281	G	$(9^8 * 7 + 6 - 5^4) * 3 - 2 - 1$	963543671	P	$-(9 - ((-8 - (7-6^5))^4 - 3)^2) - 1$
903979283	G	$(9^8 * 7 + 6 - 5^4) * 3 - 2 + 1$	964546872	G	$9 * (-8 + 7 * (65+4))^3 - 2 - 1$
903979285	G	$(9^8 * 7 + 6 - 5^4) * 3 + 2 - 1$	964546874	G	$9 * (-8 + 7 * (65+4))^3 - 2 + 1$
903979287	G	$(9^8 * 7 + 6 - 5^4) * 3 + 2 + 1$	965034217	G	$-9 + (8 + (7 - 6^5) * 4 + 3)^2 + 1$
903980170	G	$(9^8 * 7 - 6 * 54) * 3 + 2 - 1$	965175039	P	$-(9 + 8^7) + (6^5 * 4 - 3)^2 - 1$
903980172	G	$(9^8 * 7 - 6 * 54) * 3 + 2 + 1$	965548287	P	$-(9 + 8^7) + (6^5 * 4 + 3)^2 - 1$
903981040	G	$(9^8 * 7 - 6 * 5 - 4) * 3 + 2 - 1$	967023399	P	$-(9 - ((-8 + 7 + 6^5) * 4 - 3)^2) - 1$
903981042	G	$(9^8 * 7 - 6 * 5 - 4) * 3 + 2 + 1$	967139979	G	$(9^8 - 7^6(6+5) + 4^3) / (-2 * 1)$
903981127	G	$(9^8 * 7 - 6 + 5 - 4) * 3 + 2 - 1$	967140005	G	$(9^8 - 7^6(6+5) + 4^3) / (-2 * 1)$
903981129	G	$(9^8 * 7 - 6 + 5 - 4) * 3 + 2 + 1$	967140017	G	$(9^8 - 7^6(6+5) - 4^3) / (-2 * 1)$
903981131	G	$(9^8 * 7 + 6 - 5 - 4) * 3 - 2 + 1$	967140043	G	$(9^8 - 7^6(6+5) - 4^3) / (-2 * 1)$
903981136	G	$(9^8 * 7 - (6-5)^4) * 3 - 2 * 1$	967271213	G	$-987 + (6^5 * 4 - 3)^2 - 1$
903981146	G	$(9^8 * 7 + (6-5)^4) * 3 + 2 * 1$	967271419	G	$-9 * 87 + (6^5 * 4 - 3)^2 + 1$
903981151	G	$(9^8 * 7^6(6-5) + 4) * 3 - 2 * 1$	967271516	G	$-98 * 7 + (6^5 * 4 - 3)^2 + 1$
903981155	G	$(9^8 * 7^6(6-5) + 4) * 3 + 2 * 1$	967272176	P	$-(9 + 8 + 7) + (6^5 * 4 - 3)^2 - 1$
903981163	G	$(9^8 * 7 + 6 + 5 - 4) * 3 + 2 - 1$	967272249	G	$-9 + 8 * 7 + (6^5 * 4 - 3)^2 + 1$
903981240	G	$(9^8 * 7 + 6 * 5 + 4) * 3 - 2 - 1$	967644461	G	$-987 + (-6^5 * 4 - 3)^2 - 1$
903981242	G	$(9^8 * 7 + 6 * 5 + 4) * 3 - 2 + 1$	967644667	G	$-9 * 87 + (6^5 * 4 + 3)^2 + 1$
903981244	G	$(9^8 * 7 + 6 * 5 + 4) * 3 + 2 - 1$	967644764	G	$-98 * 7 + (6^5 * 4 + 3)^2 + 1$
903981321	G	$(9^8 * 7 + 65 - 4) * 3 - 2 - 1$	967645424	P	$-(9 + 8 + 7) + (6^5 * 4 + 3)^2 - 1$
903982114	G	$(9^8 * 7 + 6 * 54) * 3 + 2 - 1$	967645497	G	$-9 + 8 * 7 + (6^5 * 4 + 3)^2 + 1$
903982116	G	$(9^8 * 7 + 6 * 54) * 3 + 2 + 1$	967894311	P	$-(9 - ((-8 + 7 - 6^5) * 4 - 3)^2) - 1$
903982995	G	$(9^8 * 7 - 6 + 5^4) * 3 - 2 - 1$	969369343	P	$-(9 - 8^7) + (6^5 * 4 - 3)^2 - 1$
903982997	G	$(9^8 * 7 - 6 + 5^4) * 3 - 2 + 1$	969742591	G	$-9 + 8^7 + (6^5 * 4 + 3)^2 - 1$
903982999	G	$(9^8 * 7 - 6 + 5^4) * 3 + 2 - 1$	969886441	G	$-9 + (8 + (7 + 6^5) * 4 + 3)^2 + 1$
903983001	G	$(9^8 * 7 - 6 + 5^4) * 3 + 2 + 1$	971381879	P	$-(9 - ((-8 - (7 + 6^5))^4 - 3)^2) - 1$
903983033	G	$(9^8 * 7 + 6 + 5^4) * 3 - 2 + 1$	976091913	G	$9 - 8 * (7^6 - 5^4(4^3)) / (2 * 1)$
903983035	G	$(9^8 * 7 + 6 + 5^4) * 3 + 2 - 1$	976562412	G	$-9 - 8 * (7 - (-6 + 5^4(4^3))) / 2 + 1$
903983037	G	$(9^8 * 7 + 6 + 5^4) * 3 + 2 + 1$	976562440	P	$-(9 - 8 * (-7 - (6 - 5^4(4^3)))) / 2 + 1$
904025062	G	$(9^8 * 7 + (6+5)^4) * 3 - 2 * 1$	976562524	G	$(-9 + 8 - 7) * (-6 - 5^4(4^3)) / 2 * 1$

976562572	P	$-9 \cdot 8^* - (7 - (-6 \cdot 5^{\wedge}(4 \cdot 3)) / 2) + 1$	1033121450	G	$((9^{\wedge}8+7) \cdot 6-5) \cdot 4-3+2-1$
976563117	G	$9+8^*(76+5^{\wedge}(4 \cdot 3) / (2^*1))$	1033121452	G	$((9^{\wedge}8+7) \cdot 6-5) \cdot 4-3+2+1$
979041833	G	$-98+7^*(654^{\wedge}3/2+1)$	1033121454	G	$((9^{\wedge}8+7) \cdot 6-5) \cdot 4+3-2+1$
979041853	G	$-9^*8+7^*654^{\wedge}3/2+1$	1033121490	G	$((9^{\wedge}8+7) \cdot 6+5) \cdot 4-3+2-1$
980942390	G	$-9+(87^*6^*5^*4^*3)^{\wedge}2-1$	1033121492	G	$((9^{\wedge}8+7) \cdot 6+5) \cdot 4-3+2+1$
984255871	G	$-9 \cdot 8^* (-7^* ((65^*4)^{\wedge}3-2)+1)$	1033121498	G	$((9^{\wedge}8+7) \cdot 6+5) \cdot 4+3+2+1$
984255974	P	$-(9 \cdot 8^* (7^* (65^*4)^{\wedge}3-2)) - 1$	1037664180	G	$98^*7^*6^*(5+43^*2-1)$
986146568	G	$9^*8^{\wedge}7+(-6^{\wedge}5^*4+3)^{\wedge}2-1$	1039034303	G	$-9^{\wedge}8+(765^*43)^{\wedge}2-1$
986519816	G	$9^*8^{\wedge}7+(6^{\wedge}5^*4+3)^{\wedge}2-1$	1039324819	P	$(9+8)^* - (7 - (6^{\wedge}5+43)^{\wedge}2) + 1$
987613031	G	$-98^*(7-6^{\wedge}(5+4)+3+2)-1$	1041231003	G	$(-987-6)^*(5-4^{\wedge}(3^{\wedge}2+1))$
987613376	G	$-98^*(7-6^{\wedge}(5+4)+3/2)+1$	1044618283	G	$-9^{\wedge}8-7^*6^*5/-43^{\wedge}2-1$
987613425	P	$98^*((7-6^{\wedge}(5+4))+3)+2+1$	1044618285	G	$-9^{\wedge}8-7^*6^*5/-43^{\wedge}2+1$
987613489	G	$-98^*(7-6^{\wedge}(5+4))-32-1$	1045521663	P	$-9 \cdot 8^* ((-7^*6)^{\wedge}5+4^{\wedge}(-3-2)-1)$
987613621	P	$98^*((7-6^{\wedge}(5+4)-3)-2)+1$	1045526392	P	$-9 \cdot 8^* ((7^*6)^{\wedge}5-432)+1$
987613670	G	$-98^*(7-6^{\wedge}(5+4)-3/2)+1$	1045527997	G	$-9 \cdot 8^* (-7^*6)^{\wedge}5-43^{\wedge}2-1$
987614797	G	$98^*((7+6^{\wedge}(5+4)-3)+2)+1$	1045529676	G	$-9+8^*((7^*6)^{\wedge}5+43/2)+1$
987758584	G	$-9+8^{\wedge}7^*((6+5)^*43-2)+1$	1045529744	G	$-9+8^*((7^*6)^{\wedge}5-4-3^{\wedge}2)+1$
988663253	G	$-98+(7^{\wedge}(6+5)-43)/2+1$	1045529762	G	$-9+8^*(7^*6)^{\wedge}5-43^*2+1$
990074420	G	$(9^{\wedge}8-7)^*(65+4)/3-2^*1$	1045530020	G	$-9+8^*((7^*6)^{\wedge}5+43/2)+1$
990074424	G	$(9^{\wedge}8-7)^*(65+4)/3+2^*1$	1045530136	G	$-9 \cdot 8^*((-7^*6)^{\wedge}5-4+32)+1$
990074742	G	$(9^{\wedge}8+7)^*(65+4)/3-2^*1$	1045531695	G	$-9 \cdot 8^*((-7^*6)^{\wedge}5+43^{\wedge}2-1)$
990074746	G	$(9^{\wedge}8+7)^*(65+4)/3+2^*1$	1045538047	P	$-9 \cdot 8^*((-7^*6)^{\wedge}5-4^{\wedge}(-3-2)-1)$
992436608	P	$(-9^*- (8-7+6))^{\wedge}5+4^{\wedge}3+2-1$	1046500669	P	$-(9^{\wedge}8- (7^{\wedge}6- (5+4))^{\wedge}(-3/2))+1$
992436686	P	$(9^*(- (8+7)+6))^{\wedge}5+(4^*3)^{\wedge}2-1$	1054505064	P	$-(9+8)^{\wedge}7-6^*- (5^{\wedge}(4^*3)+2)-1$
993928359	P	$(9^{\wedge}8+(7^*6^*5)^{\wedge}4-3)/(-2^*1)$	1054505088	P	$-(9+8)^{\wedge}7-6^*- (5^{\wedge}(4^*3)+2)-1$
993928362	P	$-(9^{\wedge}8+(7^*6^*5)^{\wedge}4-3)/(-2^*1)$	1054644437	G	$(9^{\wedge}8^*7-65)^*(4+3)/2^*1$
996147192	G	$-9+8^{\wedge}7^*((6+5)^*43+2)+1$	1054644892	G	$(9^{\wedge}8^*7+65)^*(4+3)/2^*1$
999633200	G	$-9+8^*7^*(65^{\wedge}4-32)+1$	1066867804	G	$(9^{\wedge}8+7-6^{\wedge}(5+4+3))/(-2^*1)$
999634654	G	$-9+8^*7^*(65^{\wedge}4-3^*2)-1$	1069516800	G	$-9^*8^{\wedge}7+6^{\wedge}(5+4+3)/(2^*1)$
999634721	G	$9 \cdot 8^*((-7^*(65^{\wedge}4-3-2)+1)$	1069547086	G	$-9+(8^{\wedge}7^*-6+5)^*(-43^*2+1)$
999634736	P	$-9 \cdot 8^*- (7/65^{\wedge}4-32)+1$	1069551606	G	$-9+(8^*(7^*6)^{\wedge}5-4^{\wedge}3)^{\wedge}2-1$
999634844	G	$9 \cdot 8^*(7/65^{\wedge}4+3)+2+1$	1071037499	G	$(9+8-7)^*65^{\wedge}4^*3^*2-1$
999634906	G	$-9+8^*7^*(65^{\wedge}4-3/2)-1$	1072169544	P	$9+(8^*(-(7-(-6+5))^{\wedge}4+3))^{\wedge}2-1$
999635074	G	$-9+8^*7^*(65^{\wedge}4+3/2)-1$	1073807351	G	$-9+((8^*(7-6))^{\wedge}5+4-3)^{\wedge}2-1$
999635151	G	$-9+8^*(7^*(65^{\wedge}4+3)-2)+1$	1075315272	G	$9+(8^*((7+6-5)^{\wedge}4+3))^{\wedge}2-1$
999635248	G	$-9+8^*7^*(65^{\wedge}4-4+32)+1$	1076168022	G	$9^*8^*(76-5+4)/3-2-1$
999635326	G	$-9+8^*7^*(65^{\wedge}4+3^*2)-1$	1076364856	G	$-9+(8^*(76^*54-3))^{\wedge}2+1$
999636784	G	$-9 \cdot 8^*7^*(65^{\wedge}4-32)+1$	1077940214	G	$-9+((8^*(7-6))^{\wedge}5+4^{\wedge}3)^{\wedge}2-1$
1001953638	G	$(-9+8^*7^*6)^*(5^{\wedge}(4+(3+2))+1)$	1079032346	G	$9^*(-8-7^*6)^*(5-4^{\wedge}(3+2))-1$
1002483128	G	$-9^*8-((7^*6)^{\wedge}5^*-4+3)^*2-1$	1079516728	G	$-9+(8^*(76^*54^*3))^{\wedge}2+1$
1002483140	G	$-9^{\wedge}8+((7^*6)^{\wedge}5^*4+3)^*2-1$	1081542661	G	$-9^{\wedge}8-7^*(65^{\wedge}4/-3^{\wedge}2-1)$
1002483167	G	$-9^{\wedge}8+((7^*6)^{\wedge}5+4)^*(3^{\wedge}2-1)$	1086294007	G	$-9 \cdot 8^{\wedge}7+6^{\wedge}(5+4+3)/(2^*1)$
1006632952	G	$-9 \cdot 8^*7^*(6-54^*3^{\wedge}2)+1$	1088390385	G	$-9^*8^{\wedge}7+6^{\wedge}(5+4+3)/(2^*1)$
1010186700	G	$(9^{\wedge}8+7^{\wedge}(6+5)-4^{\wedge}3)/(2^*1)$	1088390482	G	$-98^*7+6^{\wedge}(5+4+3)/(2^*1)$
1010318914	P	$-(-9^{\wedge}8+7)+(-6^{\wedge}5^*4+3)^{\wedge}2-1$	1088391033	G	$-9^*(8+7)+6^{\wedge}(5+4+3)/(2^*1)$
1010692162	P	$-(-9^{\wedge}8+7)+(-6^{\wedge}5^*4+3)^{\wedge}2-1$	1088391049	G	$(-9 \cdot 8)^*7+6^{\wedge}(5+4+3)/(2^*1)$
1011240401	G	$9+8^*(7-6^*5^{\wedge}4^*3)^{\wedge}(2^*1)$	1088391063	G	$-98-7+6^{\wedge}(5+4+3)/(2^*1)$
1012500048	G	$-9 \cdot 8^*((-7-(6^*5^{\wedge}4^*3)^{\wedge}2)+1)$	1088391072	G	$-9-8^{\wedge}7+6^{\wedge}(5+4+3)/(2^*1)$
1013760401	G	$9+8^*(7+6^*5^{\wedge}4^*3)^{\wedge}(2^*1)$	1088391077	G	$-98+7+6^{\wedge}(5+4+3)/(2^*1)$
1015624992	G	$-9+8^*(7+6)/5^{\wedge}(-4-3^*2)+1$	1088391089	G	$-9^*8-7+6^{\wedge}(5+4+3)/(2^*1)$
1016856576	G	$9/(8^{\wedge}(-7+6-5)/(432-1))$	1088391103	G	$-9 \cdot 8^*7+6^{\wedge}(5+4+3)/(2^*1)$
1019215385	G	$(9^*8^{\wedge}7^*-6+54)^*-3^{\wedge}2-1$	1088391144	G	$-9-8-7+6^{\wedge}(5+4+3)/(2^*1)$
1019215556	P	$-((9^*-8^{\wedge}7+6)^*54-3^{\wedge}2)-1$	1088391154	G	$-98/7+6^{\wedge}(5+4+3)/(2^*1)$
1019216165	G	$(9^*8^{\wedge}7+6)^*54-32+1$	1088391246	G	$-9+8^{\wedge}7+6^{\wedge}(5+4+3)/(2^*1)$
1019218783	G	$9^*(8^{\wedge}7+6)^*54-3-2+1$	1088391287	G	$(9+8)^*7+6^{\wedge}(5+4+3)/(2^*1)$
1021147344	G	$(-9 \cdot 8^*(-7-6^*5^*4))^{\wedge}3+2-1$	1088391303	G	$9^*(8+7)+6^{\wedge}(5+4+3)/(2^*1)$
1021147346	G	$(-9 \cdot 8^*(-7-6^*5^*4))^{\wedge}3+2+1$	1089511200	G	$98^*((7/((6^{\wedge}5+4)^*3))^{\wedge}2^*1)$
1022134530	G	$(9+8^*7^{\wedge}6^*543)^*2^*1$	1090488311	G	$-9+8^{\wedge}7+6^{\wedge}(5+4+3)/(2^*1)$
1022315337	G	$(9^{\wedge}8+7^*6^{\wedge}(5+4))^*3^{\wedge}2^*1$	1090516933	G	$9^*8^*76^{\wedge}(5-4)/3+2-1$
1024192511	G	$(9^{\wedge}8^*(7+6+5-4))^{\wedge}3-2+1$	1090519036	G	$-9+(8^{\wedge}7^*65^*-4-3)^*-2-1$
1029600150	P	$-(9+8+7)^{\wedge}6+5^{\wedge}(4+3^{\wedge}2)+1$	1094815736	G	$-9+((87^*6-5)/4^{\wedge}3)^{\wedge}2+1$
1030327047	G	$9^*8^*7+(6^*5)^{\wedge}(4+3-2+1)$	1098103320	P	$-9^*(8-(7^{\wedge}6-5^{\wedge}(4^*3)))/(-2^*1)$
1031798776	P	$-9 \cdot 8^*7^*- (6-54^*-3^{\wedge}2)+1$	1098103464	G	$9^*(8-(7^{\wedge}6-5^{\wedge}(4^*3)))/(-2^*1)$
1033121110	G	$((9^{\wedge}8-7)^*6-5)^*4-3-2-1$	1099162161	G	$-9^*(8-(7^{\wedge}6+5^{\wedge}(4^*3)))/(-2^*1)$
1033121114	G	$((9^{\wedge}8-7)^*6-5)^*4-3+2-1$	1099162305	P	$9^*(8-(7^{\wedge}6+5^{\wedge}(4^*3)))/(-2^*1)$
1033121116	G	$((9^{\wedge}8-7)^*6-5)^*4-3+2+1$	1103834168	G	$-9+(8^*(7-65^*4^{\wedge}3))^{\wedge}2+1$
1033121118	G	$((9^{\wedge}8-7)^*6-5)^*4+3-2+1$	1104865836	G	$9^*8^*(76+5-4)/3-2-1$
1033121154	G	$((9^{\wedge}8-7)^*6+5)^*4-3+2-1$	1104865838	G	$9^*8^*(76+5-4)/3-2+1$
1033121156	G	$((9^{\wedge}8-7)^*6+5)^*4-3+2+1$	1104865840	G	$9^*8^*(76+5-4)/3+2-1$
1033121158	G	$((9^{\wedge}8-7)^*6+5)^*4+3-2+1$	1104865842	G	$9^*8^*(76+5-4)/3+2+1$

1107265536	G	$9^*8^7+6^*(5+4+3)/(2^*1)$	1223437491	G	$-9^*(-87^*(6^*5^4/3)^2+1)$
1107287931	G	$-9^*(8-7^*(65^*4)^3)+2+1$	1224440070	G	$-9+(8+(7+6+5)^(4+3))^*2-1$
1111288888	G	$-9+(8^*(7-65^*-4^3))^2+1$	1224715936	G	$-9^8-(-76^5+4^3)/2+1$
1111366848	P	$-9^8+7^*(-(-6-5)^4)^(3+2)+1$	1224715968	P	$-(-9^8-76^5/(4-3)/2)+1$
1111366854	P	$-9^8+7^*((-(-6-5)^4)^(3+2)+1)$	1224716000	G	$-9^8-(-76^5-4^3)/2+1$
1118904992	G	$-9-8^*(7-654^3/2)+1$	1226834063	G	$9^*8^7*65+(4^*3)^2-1$
1124589472	G	$98+7^*65^4*3^2-1$	1230187486	P	$-(-9-((8+7)^6*54-3)^2)+1$
1124897046	P	$-(-9+(8-(7^*(6+5))^4)^*32)-1$	1236788216	G	$-9+(8^*7^*(6-(-5^4+3)))^2+1$
1124897294	G	$-9-8+(7^*(6+5))^4*32-1$	1236953321	P	$-(-9^8-7^*6)+(5^*4)^(3^*2+1)$
1124897558	G	$-9-(8+(7^*(6+5))^4)^*-32-1$	1244000000	G	$(9+8-7)^6*(5^4-3)^*2^*1$
1126165794	G	$(9-8^7)^*(6-543)+2+1$	1246239348	G	$(9^8-76^5-43)/-2-1$
1126170614	G	$-9-8^7*(6-543)-2+1$	1246239350	G	$(9^8-76^5-43)/-2+1$
1128701599	P	$(-9-8^7*(-6^--(-5-4)+3))^*2+1$	1249999974	P	$-(-9-(8^*7-6)^5)^4+3^2+1$
1128701938	P	$-9-(8^7*-6^--(-5-4)+3)^*2+1$	1250020471	P	$(-9-8)^*-7(6^*5^4-3^2)-1$
1128701950	P	$-9+(8^7*6^--(-5-4)+3)^*2+1$	1250020473	P	$(-9-8)^*-7(6^*5^4-3^2)+1$
1128702008	P	$9-8^*(7^*6^--(-5-4)+3)^*2-1$	1250020656	G	$(-9-8)^*7^6*-5^4+32-1$
1128702278	G	$-9+8^7*(6^(5+4)+3)^*2-1$	1250020658	G	$(-9-8)^*7^6*-5^4+32+1$
1128702287	G	$-9+8^*(7^*(6^(5+4)+3)^*2+1)$	1250020777	P	$(-9-8)^*-7(6^*5^4+3^2)-1$
1128702335	G	$-9+8^7*((6^(5+4)+3)^*2+1)$	1250020779	P	$(-9-8)^*-7(6^*5^4+3^2)+1$
1134562470	G	$-9-(8^7+6)^*(543-2)+1$	1256000000	G	$(9+8-7)^6*(5^4+3)^*2^*1$
1137577976	G	$-9+((87^*6+5)/4^--3)^2+1$	1260534008	G	$-9+(8^*7^*(6+5^4+3))^2+1$
1142102025	G	$9^*(8+7+6^*5^4*3)^(2^*1)$	1263865559	G	$-9^8+((7^*-6)^5+4)^*(-3^2-1)$
1142760548	G	$(9+8)^7+6^*5^4(4^3)/(2^*1)$	1263865598	G	$-9^8+(7^*6)^5*(4+3^2)-1$
1148190711	G	$-9+876^*5^4(3^2*1)$	1265471497	G	$9^*-8^*(7-(65^*4)^3)+2-1$
1152949176	P	$(9-8^7*6^*)^*(-5^*(4+3))^2+1$	1265471499	G	$9^*-8^*(7-(65^*4)^3)+2+1$
1152960199	P	$-9-8^*(7^6/(5^*(4+3)))^--2+1)$	1267842186	G	$(9^8-(7^*6^5)^4)/-3^*(2^*1)$
1154413544	P	$-(-9+8)+7^*((6+5)^4)^(3+2)-1)$	1285245395	G	$9^*8^*(7+65^4-3/2)-1$
1154413560	P	$-(-9+8)+7^*((6+5)^4)^(3+2)-1)$	1285245611	G	$9^*8^*(7+65^4+3/2)-1$
1155575806	P	$(9^*8)^(--(7-6)+5)^*43-2^*1$	1287651320	G	$-9-8^7*(6-(5^4-(3+2)))^+1$
1159084942	G	$(9^8-7^6)^*(5+4)^*3-2^*1$	1289286026	G	$(9^8+76^5-43)/2-1$
1159084946	G	$(9^8-7^6)^*(5+4)^*3+2^*1$	1289286028	G	$(9^8+76^5-43)/2+1$
1160050336	P	$-(-9+8)+(7^*(6+5))^4*(32+1)$	1289520012	G	$(9^8-7^6(6+5)+4)/-3^*(2^*1)$
1160050352	P	$-(-9+8)+(7^*(6+5))^4*(32+1)$	1289945051	G	$(9^*8)^7*6^--5-4^*3^2-1$
1162106622	G	$(9^8*7+654^3)^*2^*1$	1291315135	G	$(9-(8-7+6)^(5+4))^*-32-1$
1162261308	G	$(9^8(8+7-6)-54)^*3+2+1$	1291401291	G	$(9^8-7)^*6^5-4^*32-1$
1162261410	G	$(-9^(8+7-6)+5^*4)^*-3+2+1$	1291401293	G	$(9^8-7)^*6^5-4^*32+1$
1162261626	G	$(9^8(8+7-6)+54)^*3-2-1$	1291401547	G	$(9^8-7)^*6^5+4^*32-1$
1165437988	G	$(9^8+7^6)^*(5+4)^*3-2^*1$	1291401549	G	$(9^8-7)^*6^5+4^*32+1$
1165437992	G	$(9^8+7^6)^*(5+4)^*3+2^*1$	1291401711	G	$(9^8+7)^*6^5-4^*32-1$
1165438233	G	$(9^8+7^6+5+4)^*3^(2+1)$	1291401713	G	$(9^8+7)^*6^5-4^*32+1$
1169922474	G	$(-9+8^7*6)^*(5^(4+(3+2))+1)$	1291401967	G	$(9^8+7)^*6^5+4^*32-1$
1176490011	P	$-(-9-8^7*6^*5^4+3)^*2-1$	1291401969	G	$(9^8+7)^*6^5+4^*32+1$
1176490047	G	$-9+8^*((7^6/5^--4+3)^*2+1)$	1296039928	G	$-9-8^7*(6-(5^4-(3-2)))^+1$
1176501244	G	$(-9+8^7*6)^*5^4-3)^*2^*1$	1296539976	G	$-9+(-8+(7^*6^5)^4/3)^*2+1$
1176501256	G	$((9+8^7*6)^*5^4+3)^*2^*1$	1296540143	G	$(9^*8+(7^*6^5)^4/3)^*2-1$
1177538754	P	$-(-9^8+7^6)+5^4(4+3^2)-1$	1298131527	P	$(-9+8^7)^*-(-6-5^4)+3^2+1$
1177656361	G	$-9^8-7^*6+5^4(4+3^2)-1$	1298137069	G	$-9-8^7*(6-5^4)-3^2-1$
1177656481	G	$-9^8+76+5^4(4+3^2)+1$	1298137075	G	$-9-(8^7*(6-5^4)+3+2)+1$
1178277699	G	$-9+(8+(7+6)^(5+4))^*3^--2-1$	1298137076	G	$-9-8^7*(6-5^4)-3^2(2-1)$
1185407976	G	$-9+(-8+(7^*6^*5^4)^3)^*2+1$	1300234232	G	$-9-8^7*(6-(5^4+3-2))^+1$
1189974008	G	$-9+(8^7*(6-5^4+3))^2+1$	1306525687	G	$-9+8^7*(654-32+1)$
1195376631	G	$-9+8^7*6^*((5+4+3)^*2-1)$	1308622840	G	$-9-8^7*(6-5^4-3-2)+1$
1201038326	G	$-9+(8^7*6^*(54+3))^2-1$	1310710617	P	$(-(-9+8^7)+6)^*-5^4-3^2+1$
1205277052	G	$(9^8*7-6^5)^*4-32^*1$	1310710632	G	$(-9+8^7-6)^*5^4+3^2+1$
1205277116	G	$(9^8*7-6^5)^*4+32^*1$	1310710635	P	$(-(-9+8^7)+6)^*-5^4+3^2+1$
1205308176	G	$(9^8*7-6-5)^*4+32^*1$	1310721885	G	$(-9-8^7+6)^*-5^4+3^2+1$
1205308196	G	$9^8*7^6(6-5)^*4+3^2-1$	1310723737	G	$-9+(8^7+6)^*5^4-3-2+1$
1205308200	G	$(9^8*7+6+5)^*4-32^*1$	1312932367	G	$-9-((876^*-5/4)^3-2)-1$
1205308238	G	$(9^8*7+6+5)^*4+3+2+1$	1316818934	G	$-9+(8^*7*6^5/(4^*3))^2-1$
1205308263	G	$(9^8*7+6+5)^*4+32-1$	1321467896	G	$-9+(8^*(7-6+5)/4^--3)^2+1$
1205339260	G	$(9^8*7+6^5)^*4-32^*1$	1323302893	G	$-9-(-8^7*(6+5^4)+3^2)-1$
1205339324	G	$(9^8*7+6^5)^*4+32^*1$	1323302899	G	$-9-8^7*(-6-5^4)-(3+2-1)$
1207996973	G	$9^*((8^7+65)^*4^3-2)-1$	1323641244	G	$(9^*(8+7^6)^*5^4-3)^*2^*1$
1211720679	G	$-9+8^7*(6^*(-5^4+3))^2*1$	1323641256	G	$(9^*(8+7^6)^*5^4+3)^*2^*1$
1212682742	G	$-9+8/(76^*54^*3)^--2-1$	1325237814	G	$(9^8+(7^*6^5)^4)/3^*(2^*1)$
1213268216	G	$-9+(8^7*(6-(5^4+3)))^2+1$	1325904230	G	$98^*7^6*((5+3)^*2+1)$
1219703126	P	$-(-9+8-7)^6+5^4(4+3^2)+1$	1329039926	G	$-9+(8^*7^*(654-3))^2-1$
1220702188	P	$9^*8^*-(-7+6)+5^4(4+3^2)-1$	1330790390	G	$-9+(8^*76^*5^4*3)^2-1$
1220702652	G	$(9^*8+7)^*-6+5^4(4+3^2)+1$	1334472066	G	$(9^8+765)^*(4+3^2(2+1))$
1220702881	P	$-9^--((-8-7)/6)+5^4(4+3^2)-1$	1339559992	G	$-9+(8^*(7^*654-3))^2+1$

1343075896	G	$-9+(8*(7*654+3))^2+1$	1381260000	G	$(9^8+7^6+5)/(4^{-3}*(2^*1))$
1343482849	G	$(9^8-8-7)*(6^*-54)^3/2+1$	1381260479	G	$(9^8+7^6+5^*4)*32-1$
1343612159	G	$(9^8-7^6*(5+4))*32-1$	1381260481	G	$(9^8+7^6+5^*4)*32+1$
1343612161	G	$(9^8-7^6*(5+4))*32+1$	1384120310	G	$-9+8^7*(654+3)^2-1$
1344000012	P	$-9+(-8-(7+6))*(-(5^*4)^(3^*2)-1)$	1389903624	G	$(9^8+(7^*6)^5)/(4^(-3/2)^*1)$
1344093740	G	$-9-(8+7)^6*(5-4^3)^2-1$	1392348519	P	$(-9+87)*-((65^4+3)+2+1)$
1346915640	G	$(-(9^8+7^6(6+5))+4)/-3^*(2^*1)$	1396318783	G	$(9^8+7^6*5-4)*32-1$
1353651254	P	$-9+(8^*7*(654+3))^2-1$	1396318785	G	$(9^8+7^6*5-4)^3+1$
1355307264	G	$9^*8*(7^6*5-4)*32^*1$	1396319039	G	$(9^8+7^6*5+4)*32-1$
1355316351	G	$(9^*8*7^6*5-4)*32-1$	1396319041	G	$(9^8+7^6*5+4)*32+1$
1355316353	G	$(9^*8*7^6*5-4)*32+1$	1399018199	G	$((9^8-7)^6/4-3)^2*1$
1355316607	G	$(9^*8*7^6*5+4)*32-1$	1399018211	G	$((9^8-7)^6/4+3)^2*1$
1355316609	G	$(9^*8*7^6*5+4)*32+1$	1399018654	G	$((9^8+7)^6/4-3)^2*1$
1355325696	G	$9^*8*(7^6*5+4)*32^*1$	1399018666	G	$((9^8+7)^6/4+3)^2*1$
1358954172	G	$9^*(8^7(7+6-5)-4)*3^2*1$	1406249992	G	$-9+((8-(7+6))^5*4^3)^2+1$
1358954460	G	$(9^*8^7(7+6-5)-4)*3^2*1$	1410886846	G	$-9^8+(7+6+5)^4(3+2)-1$
1358954532	G	$(9^*8^7(7+6-5)+4)*3^2*1$	1411377983	G	$(9^8+7^6*(5+4))*32-1$
1358954820	G	$9^*(8^7(7+6-5)+4)*3^2*1$	1411377985	G	$(9^8+7^6*(5+4))*32+1$
1365245942	G	$-9+8^7*(654-3)-2+1$	1421797010	G	$-9^8-7-6^*(-5^4(4^3)+2)^*1$
1367343094	G	$-9+8^7*(6+5*4^3)^2-1$	1421797011	G	$-9^8-7-6^*(5^4/4+3)^2+1$
1371531491	G	$(-9+8^7)^6*654-32+1$	1421797024	P	$-9^8+7-6^*(-5^4(4^3)-(2^*1))$
1371531530	G	$(-9+8^7)^6*654+3^2-1$	1421797049	P	$-9^8+7-6^*(-5^4(4^3)+2)+1$
1372257720	G	$9^*8*(7^6*5^4*3-2-1)$	1440743415	G	$-9+8^7*(654+32+1)$
1372257864	G	$9^*8*(7^6*5^4*3-2+1)$	1445901274	G	$9^*(8+((-7-6)^5)^4)^3+2+1$
1372258008	G	$9^*8*(7^6*5^4*3+2-1)$	1453671415	G	$-9-(8-76)^5-4^4(3^2*1)$
1372258152	G	$9^*8*(7^6*5^4*3+2+1)$	1454195703	G	$-9-(8-76)^5+4^4(3^2*1)$
1373729663	G	$(9^8-7^6-5^4)*32-1$	1456850580	G	$-9^8+7^*((-6-5)^4-3)^2-1$
1373729665	G	$(9^8-7^6-5^4)*32+1$	1456850588	G	$-9^8+7^*((6+5)^4-3)^2+1$
1373730144	P	$(-(9^8-7^6)+5)/(-4^{-3}*(2^*1))$	1458080424	G	$-9^8+7^*((6+5)^4+3)^2-1$
1373730943	G	$(9^8-7^6+5^4)*32-1$	1458080432	G	$-9^8+7^*((6+5)^4+3)^2+1$
1373730945	G	$(9^8-7^6+5^4)*32+1$	1458274094	G	$-9+(((8+(7+6))^5)^4)^3-2+1$
1374199234	P	$-9-((8^7+6)^5-4)^3/2+1$	1464843713	P	$(-9+8+7)^*(-(6-5^4(4^3))-2+1)$
1375753248	G	$(9^8-7^6*5)/(4^{-3}*(2^*1))$	1464843871	P	$-(-9-8)^7-6^*-5^4(4^3)+2^*1$
1377470592	G	$(-9^8+765)/(-4^{-3}*(2^*1))$	1464843896	G	$9^*(8+7)+6^*(5^4(4^3)+2)-1$
1377488352	G	$(9^8-7^6*5)/(4^{-3}*(2^*1))$	1464844243	G	$9^*8^7-6^*(-5^4(4^3)+2)+1$
1377494328	G	$(9^8-7-65/4)^3*2^*1$	1464844267	P	$9^*8^7-6^*(-5^4(4^3)+2)+1$
1377494424	G	$(9^8-(76+5)/4)^3*2^*1$	1466940882	G	$-9+8^7-6^*(-5^4(4^3)+2)+1$
1377494504	G	$(9^8-(76-5)/4)^3*2^*1$	1466940906	P	$-9+8^7-6^*(-5^4(4^3)+2)+1$
1377494760	G	$(9^8-7-(6+5)/4)^3*2^*1$	1475558559	P	$-9+(-(-8+7)+6-5)^4+3)^2-1$
1377494776	G	$(9^8-7-65/4)^3*2^*1$	1476019551	P	$-9+((-8+7)+6-5)^4+3)^2-1$
1377494784	G	$(9^8^7(7-6)-5-4)^3*2^*1$	1477398114	G	$-9^8+(7+6)^5*(4^4(3^2)-1)$
1377494840	G	$(9^8-7-(6-5)/4)^3*2^*1$	1477769407	G	$-9^8+(7+6)^5*(4^4(3^2)^*1)$
1377494856	G	$(9^8-7+(6-5)/4)^3*2^*1$	1480589302	G	$-9+8^7*((6+5)^4+3+2)-1$
1377494928	G	$(9^8-(7+6+5)/4)^3*2^*1$	1482424311	G	$-9+8^7*65^4/(3^2*1)$
1377494936	G	$(9^8-7+(6+5)/4)^3*2^*1$	1483718105	G	$9^*8^7-6^*(-5^4(4^3)+2)-1$
1377495007	G	$(9^8-7+6-5+4)^3*2-1$	1483718129	P	$9^*8^7-6^*(-5^4(4^3)+2)-1$
1377495024	G	$(9^8-(7-6+5)/4)^3*2^*1$	1489342456	G	$-9+((8^7*6-5)/4^{-3})^2+1$
1377495025	G	$(9^8-(7-6+5)/4)^3*2+1$	1498729841	G	$(9+8)^7+6^4(5+4+3)/(2^*1)$
1377495119	G	$(9^8+(7-6+5)/4)^3*2-1$	1499452491	G	$-9+8^7*65^4*3/2^*1$
1377495120	G	$(9^8+(7-6+5)/4)^3*2^*1$	1499897298	P	$-(9+8)-7^*(-((6+5)^4-3)^2-1)$
1377495137	G	$(9^8+7-6+5-4)^3*2+1$	1499897314	P	$-(9-8)-7^*(-((6+5)^4-3)^2-1)$
1377495208	G	$(9^8+7-(6+5)/4)^3*2^*1$	1501127128	P	$-(9+8)+7^*((6+5)^4+3)^2-1$
1377495216	G	$(9^8+(7+6+5)/4)^3*2^*1$	1501127134	G	$-9-8+7^*((6+5)^4+3)^2-1$
1377495288	G	$(9^8+7-(6-5)/4)^3*2^*1$	1501127144	P	$-(9-8)+7^*((6+5)^4+3)^2-1$
1377495304	G	$(9^8+7+(6-5)/4)^3*2^*1$	1506634181	G	$(9^8*7-6)^5-4^4(3+2^*1)$
1377495360	G	$(9^8^7(7-6)+5+4)^3*2^*1$	1506634241	G	$(9^8*7+6)^5-4^4(3+2^*1)$
1377495368	G	$(9^8-7+65/4)^3*2^*1$	1506635136	G	$(9^8*7+6)^5-4^4*32-1$
1377495384	G	$(9^8+7+(6+5)/4)^3*2^*1$	1506635176	G	$(9^8*7-6)^5+4-32-1$
1377495640	G	$(9^8+(76-5)/4)^3*2^*1$	1506635178	G	$(9^8*7-6)^5+4-32+1$
1377495720	G	$(9^8+(76+5)/4)^3*2^*1$	1506635190	G	$(9^8*7-6)^5-4^3*3-2-1$
1377495816	G	$(9^8+7+65/4)^3*2^*1$	1506635192	G	$(9^8*7-6)^5-4^3*3-2+1$
1377497152	G	$(9^8+(7+6)^5)/(4^{-3}*(2^*1))$	1506635194	G	$(9^8*7-6)^5-4^3*3-2-1$
1377501792	G	$(9^8-7^*-6^5)/(4^{-3}*(2^*1))$	1506635218	G	$(9^8*7-6)^5+4+3^2*1$
1377503615	G	$(9^8+7+65^4)^3*2-1$	1506635252	G	$(9^8*7+6)^5-4-3^2*1$
1377503617	G	$(9^8+7+65^4)^3*2+1$	1506635276	G	$(9^8*7+6)^5+4^3*3-2+1$
1377519552	G	$(9^8+765)/(4^{-3}*(2^*1))$	1506635278	G	$(9^8*7+6)^5+4+3^2*1$
1377828854	G	$-9+8^7*(654+3)-2+1$	1506635334	G	$(9^8*7-6)^5+4^3*2+1$
1379236896	G	$(9^8-7^*-6^5)/(4^{-3}*(2^*1))$	1506636229	G	$(9^8*7-6)^5+4^4(3+2^*1)$
1381259199	G	$(9^8+7^6-5^4)*32-1$	1506636289	G	$(9^8*7+6)^5+4^4(3+2^*1)$
1381259201	G	$(9^8+7^6-5^4)*32+1$	1507141990	G	$-9+(8^7*65/4)^3*2-1$

1507890446	P	$9^8-7-6^*-(5^{\wedge}(4*3)-2-1)$	1670419990	G	$-9+((8+7)*6-5)^{\wedge}4*32-1$
1507890458	P	$9^{\wedge}8-7-6^*-(5^{\wedge}(4*3)-2+1)$	1693053030	G	$-9+8*7*(6^{\wedge}(5+4)*3+2)-1$
1508982038	G	$-9+8/(7*654*3)^{\wedge}2-1$	1693359374	G	$(-9+876)*5^{\wedge}(4+3+2)-1$
1510099590	G	$-9+((8+7)*(6^{\wedge}5-4)/3)^{\wedge}2-1$	1693360242	G	$(-9+876)*5^{\wedge}(4+(3+2))+1$
1512009863	G	$(9^{\wedge}8-7*-65^{\wedge}4)/3^{\wedge}2-1$	1698693133	P	$-(9*8^{\wedge}7*6*-5-4)*3+2-1$
1512042275	G	$9+(-8^{\wedge}7+6)*(-5/(4*3)^{\wedge}2-1)$	1708984220	G	$-98-7*(6-5^{\wedge}(4*3)+2)-1$
1513209990	G	$-9+((8+7)*(6^{\wedge}5+4)/3)^{\wedge}2-1$	1708984232	P	$-98-7*(-(-6+5^{\wedge}(4*3)))-2-1$
1519099854	G	$-9^{\wedge}8+(7^{\wedge}6-5^{\wedge}(4+3))^{\wedge}2-1$	1708984234	P	$-98-7*(-(-6+5^{\wedge}(4*3)))-2+1$
1520816133	P	$-(-9+(8*(7+6))^{\wedge}5/-4-3)/2-1$	1708984246	G	$-9*8-7*(6-5^{\wedge}(4*3)+2)-1$
1520820737	G	$(-9/8+(-7-6)^{\wedge}5)*-4^{\wedge}(3*2)+1$	1708984274	P	$-9*8-7*(-(-6-5^{\wedge}(4*3))+2)-1$
1520984628	P	$-9^{\wedge}8+(-(-7-6)*5+4)^{\wedge}(3+2*1)$	1708984304	P	$-98-7*(6-(-5^{\wedge}(4*3)+2))-1$
1521623965	P	$-(98-((7^{\wedge}6-5^{\wedge}4)/3)^{\wedge}2)-1$	1708984324	P	$-9*8-7*(-(6+5^{\wedge}(4*3))-(-2+1))$
1521623991	G	$-9*8+((7^{\wedge}6-5^{\wedge}4)/3)^{\wedge}2-1$	1708984343	G	$9+8-7*(6-5^{\wedge}(4*3)+2)-1$
1521624046	G	$-9-8+((7^{\wedge}6-5^{\wedge}4)/3)^{\wedge}2-1$	1708984358	P	$-9*8-7*(-(6+5^{\wedge}(4*3)+2))-1$
1521624135	G	$9*8+((7^{\wedge}6-5^{\wedge}4)/3)^{\wedge}2-1$	1708984379	P	$-(9+(-8+7-6)*5^{\wedge}(4*3+2))-1$
1522872566	G	$-9*(8*(7-(6+5)^{\wedge}4)/3)^{\wedge}2-1$	1712857278	G	$9^{\wedge}8-(76*5*-4)^{\wedge}3/2-1$
1529111818	P	$-9-87*-((65*4)^{\wedge}3-2)+1$	1714168286	P	$-9-8*(7-(-6+5)^{\wedge}4+3)^{\wedge}2-1$
1536718393	G	$-9+((8+7^{\wedge}6-54)/3)^{\wedge}2+1$	1715630395	G	$-9^{\wedge}8-7*((6+5^{\wedge}4)^{\wedge}3-2-1)$
1538129951	G	$-9+((-8-7^{\wedge}6)/(5+4)*3)^{\wedge}2-1$	1715630401	P	$-9^{\wedge}8-7*(-(6+5^{\wedge}4)^{\wedge}3-2)-1$
1539149816	G	$-9+((8*76+5)*4^{\wedge}3)^{\wedge}2+1$	1715630429	P	$-9^{\wedge}8-7*(6-5^{\wedge}(4*3))^{\wedge}3-2-1$
1539542161	G	$-9+((8+(7^{\wedge}6+54))/3)^{\wedge}2+1$	1721868834	G	$(9^{\wedge}8^{\wedge}(7-6)*5*4-3)*2*1$
1550390615	G	$-9+((8+7+6)*5^{\wedge}4*3)^{\wedge}2-1$	1721868846	G	$(9^{\wedge}8^{\wedge}(7-6)*5*4+3)*2*1$
1553003930	G	$-9-87*(-65^{\wedge}4+3+2)-1$	1736441304	G	$(9*8^{\wedge}7-6)*5(5+43*2+1)$
1553004278	P	$-9-87*(-(-65^{\wedge}4+3)+2)-1$	1740581062	P	$9^{\wedge}8+7*(-(6+5^{\wedge}4)^{\wedge}3+2)+1$
1553004452	G	$-9+87*((65^{\wedge}4+3)-2)-1$	1740797516	G	$(9^{\wedge}8-7^{\wedge}6*5)*4(3-2)*1$
1554094076	G	$-9+((8-7^{\wedge}6-5^{\wedge}4)/3)^{\wedge}2+1$	1747496106	G	$(9^{\wedge}8*7-6^{\wedge}(5+4))*3(3*2*1)$
1562146477	P	$-(98-(7^{\wedge}6-5^{\wedge}(4+3))^{\wedge}2)-1$	1749360075	G	$-98*(7-(65^{\wedge}4-3-2))+1$
1562146503	G	$-9^{\wedge}8+(7^{\wedge}6-5^{\wedge}(4+3))^{\wedge}2-1$	1749360467	G	$-98*(7-(65^{\wedge}4-3)-2)+1$
1564031422	P	$-(-9*8+((-7-6)*5-4)^{\wedge}(3+2))+1$	1749360572	G	$-98*(7-65^{\wedge}4)+3^{\wedge}2-1$
1566972215	G	$-9+(87*65*(4+3))^{\wedge}2-1$	1753519090	P	$-(9-(87*6^{\wedge}(5+4)-3)*2)+1$
1568294750	G	$-9+(-8+(7*6)^{\wedge}5*4)*3-2+1$	1755903982	G	$-9-8-(76*5*-4)^{\wedge}3/2-1$
1574961143	G	$-9+8*7*(6*5^{\wedge}4/(3+2)+1)$	1755904006	G	$9-(8+(76*-5*4)^{\wedge}3)/2+1$
1580792543	G	$(9^{\wedge}8+7^{\wedge}6*54)*32-1$	1755904014	G	$9-(-8-(76*5*4)^{\wedge}3)/2+1$
1580792545	G	$(9^{\wedge}8+7^{\wedge}6*54)*32+1$	1757623758	G	$-9+8*(7^{\wedge}(6+5)-4)*3^{\wedge}2-1$
1585234152	G	$-9*8+(7^{\wedge}6-54^{\wedge}3)^{\wedge}2-1$	1758677107	P	$-(9+8)+7*((6+5^{\wedge}4)^{\wedge}3-2)+1$
1604321271	G	$-9+8*765*4^{\wedge}(3^{\wedge}2*1)$	1760553144	G	$9*8*7*(6-5^{\wedge}4*3)^{\wedge}(2*1)$
1617189877	G	$-9^{\wedge}8+7*((-6+5^{\wedge}4)^{\wedge}3-2)-1$	1764734974	G	$-9-8*(7^{\wedge}6*-5^{\wedge}4*3+2)-1$
1617189905	G	$-9^{\wedge}8-7*((6-5^{\wedge}4)^{\wedge}3-2)-1$	1764734992	G	$-9-8/7^{\wedge}6*-5^{\wedge}4*3+2-1$
1617189906	G	$-9^{\wedge}8-7*((6-5^{\wedge}4)^{\wedge}3-2)*1$	1764735028	G	$(9-8/7^{\wedge}6*-5^{\wedge}4)*3+2-1$
1623552254	G	$-9^{\wedge}8+(7*6^{\wedge}5/4*3)^{\wedge}2-1$	1772093430	G	$-9+8*7*65*(4+3^{\wedge}2)-1$
1623552255	G	$-9^{\wedge}8+(7*6^{\wedge}5/4*3)^{\wedge}2*1$	1786630528	G	$-9^{\wedge}8+(7*6)^{\wedge}5*(4*3+2)+1$
1626310656	G	$9*8*(-7^{\wedge}6+5)/-4^{\wedge}-3*(2+1)$	1789033606	G	$(9^{\wedge}8+7^{\wedge}6*5)*4(3-2)*1$
1626371136	P	$9*(-8*7^{\wedge}6+5)/4^{\wedge}-3*(-(2+1))$	1790788490	G	$-9+(8*765/4)^{\wedge}3/2-1$
1626378816	G	$(9*8/7^{\wedge}6-5)/4^{\wedge}-3*(2+1)$	1792805088	P	$-(-9-8)*(7*(6+5))^{\wedge}4*3-2-1$
1626380736	G	$(9*8*7^{\wedge}6+5)/4^{\wedge}-3*(2+1)$	1792805090	P	$-(-9-8)*(7*(6+5))^{\wedge}4*3-2+1$
1626388416	G	$9*(8*7^{\wedge}6+5)/4^{\wedge}-3*(2+1)$	1795218903	G	$-9^{\wedge}8+(7*(6-(5-4)))^{\wedge}(3^{\wedge}2)-1$
1632586753	G	$(-9-87)*(6*-54)^{\wedge}3/2+1$	1795218904	G	$-9^{\wedge}8+(7*(6-5+4))^{\wedge}(3+2+1)$
1641354440	G	$(9+8)^{\wedge}7-65*(4+3)^{\wedge}2-1$	1798396343	G	$9^{\wedge}8*(76*5-4)*3^{\wedge}2-1$
1647323126	G	$-9+((-8+76*5)*4)^{\wedge}3/2-1$	1807564747	G	$9^{\wedge}8*7*6-5*43^{\wedge}(2+1)$
1647859275	G	$9^{\wedge}8*7*6-543^{\wedge}(2+1)$	1807945407	G	$9^{\wedge}8*7*6-5^{\wedge}4*3^{\wedge}(2+1)$
1652991168	P	$(-9^{\wedge}8+76)/5*4^{\wedge}3*(-(2+1))$	1807959680	G	$9^{\wedge}8*7*6-(54-3)^{\wedge}2-1$
1652994048	P	$(-9^{\wedge}8+7)/6*(5*4^{\wedge}3*(2+1))$	1807959682	G	$9^{\wedge}8*7*6-(54-3)^{\wedge}2+1$
1655939294	G	$-9^{\wedge}8+(7*6)^{\wedge}5*(4+3^{\wedge}2)-1$	1807960338	G	$(9^{\wedge}8*7-6*54)*(3*2*1)$
1657511808	P	$(9^{\wedge}8+7^{\wedge}6)/5*4^{\wedge}3*(-(-2-1))$	1807961630	G	$9^{\wedge}8*7*6-5^{\wedge}4-3^{\wedge}(2+1)$
1660001102	G	$-9^{\wedge}8+(76*543)^{\wedge}2-1$	1807961684	G	$9^{\wedge}8*7*6-5^{\wedge}4+3^{\wedge}(2+1)$
1660236583	P	$-(-9+8)+7*(-(6-5^{\wedge}4)^{\wedge}3+2)+1$	1807961995	G	$9^{\wedge}8*7*6-(5+4)*32+1$
1665937598	G	$-9^{\wedge}8-7*(6-5^{\wedge}(4*3)+2)*1$	1807962161	G	$9^{\wedge}8*7*6-5*4*3*2-1$
1665937599	G	$-9^{\wedge}8-7*(6-5^{\wedge}(4*3)+2)+1$	1807962163	G	$9^{\wedge}8*7*6-5*4*3*2+1$
1665937609	G	$-9^{\wedge}8-7*(6-5^{\wedge}(4*3))-2-1$	1807962401	G	$9^{\wedge}8*7*6+5*4*3*2-1$
1665937611	G	$-9^{\wedge}8-7*(6-5^{\wedge}(4*3))-2+1$	1807962403	G	$9^{\wedge}8*7*6+5*4*3*2+1$
1665937625	G	$-9^{\wedge}8-7*(6-5^{\wedge}(4*3))-2-1$	1807962528	G	$9^{\wedge}8*7*6+5*(4+3)^{\wedge}2+1$
1665937626	G	$-9^{\wedge}8-7*(6-5^{\wedge}(4*3))-2*1$	1807962569	G	$9^{\wedge}8*7*6+(5+4)*32-1$
1665937681	P	$-(-9^{\wedge}8-7*(6+5^{\wedge}(4*3)-2))-1$	1807962880	G	$9^{\wedge}8*7*6+5^{\wedge}4-3^{\wedge}(2+1)$
1665937682	G	$-9^{\wedge}8-7*(-6-5^{\wedge}(4*3)+2*1)$	1807962934	G	$9^{\wedge}8*7*6+5^{\wedge}4+3^{\wedge}(2+1)$
1665937710	G	$-9^{\wedge}8-7*(-6-5^{\wedge}(4*3))-2(2*1))$	1807963725	G	$9^{\wedge}8*7*6+(5-43)^{\wedge}2-1$
1665937711	P	$-(-9^{\wedge}8-7*(6+5^{\wedge}(4*3)+2))+1$	1807963727	G	$9^{\wedge}8*7*6+(5-43)^{\wedge}2+1$
1665937717	G	$-9^{\wedge}8-7*(-6-5^{\wedge}(4*3))-2(2+1))$	1807964158	G	$9^{\wedge}8*7*6+5^{\wedge}4*3+2-1$
1666109116	G	$-9+((8-7*6^{\wedge}5)/4*3)^{\wedge}2+1$	1807964160	G	$9^{\wedge}8*7*6+5^{\wedge}4*3+2+1$
1666598903	G	$-9*8+(7*6^{\wedge}5/4*3)^{\wedge}2-1$	1807964226	G	$(9^{\wedge}8*7+6*54)*(3*2*1)$
1667088892	G	$-9+((-8-7*6^{\wedge}5)/4*3)^{\wedge}2+1$	1807964882	G	$9^{\wedge}8*7*6+(54-3)^{\wedge}2-1$

1807964884	G	$9^8 * 7^6 + (54 - 3)^2 + 1$	1937099061	G	$((9^8 - 76) * 5 + 4) * 3^2 * 1$
1807979157	G	$9^8 * 7^6 + 5^4 * 3^2 (2 + 1)$	1937101824	G	$((9^8 - 7 - 6) * 5 - 4) * 3^2 * 1$
1808359817	G	$9^8 * 7^6 + 5^4 * 3^2 (2 + 1)$	1937101896	G	$((9^8 - 7 - 6) * 5 + 4) * 3^2 * 1$
1822499864	P	$-(9 - ((8 + 7)^6 * 5 - 4) * 32) + 1$	1937102365	G	$((9^8 - 7 + 6) * 5 - 4) * 3^2 + 1$
1829674943	G	$-9 * (8 - 7^6 * 54) * 32 - 1$	1937102994	G	$((9^8 + 7 + 6) * 5 - 4) * 3^2 * 1$
1829674945	G	$-9 * (8 - 7^6 * 54) * 32 + 1$	1937103066	G	$((9^8 + 7 + 6) * 5 + 4) * 3^2 * 1$
1829677222	G	$-9 + (-8 + (7^6)^5 * (4 + 3)) * 2 - 1$	1937105829	G	$((9^8 + 76) * 5 - 4) * 3^2 * 1$
1829679551	G	$9 * (8 + 7^6 * 54) * 32 - 1$	1937105901	G	$((9^8 + 76) * 5 + 4) * 3^2 * 1$
1829679553	G	$9 * (8 + 7^6 * 54) * 32 + 1$	1944809894	P	$-(98 - (7^6 * 5)^4) - 3^2 + 1$
1830997212	G	$-9 + ((8 + 7) * 65 - 4)^3 * 2 - 1$	1944809912	G	$-98 + (7^6 * 5)^4 + 3^2 + 1$
1835265590	G	$-9 + (8^7 * 65 * (4 + 3))^2 - 1$	1944810039	G	$9 * 8 + (7^6 * 5)^4 - 32 - 1$
1837579679	G	$-9 * (8 - (7 * (6 - 5 + 4)))^3 * 2 - 1$	1944810100	G	$98 + (7^6 * 5)^4 + 3 - 2 + 1$
1838265554	G	$-9 * 8 + 7^6 * 5^4 * (4 * 3 / 2) + 1$	1946221456	G	$9 * ((8 / (7^6 - 5 + 4 / - 3))^-2 * 1)$
1838265607	P	$-(9 + 8) + (7 * (6 - (5 - 4)))^3 * 2 - 1$	1953124366	G	$-9 - 8 * (76 - 5^4 * (4 * 3) + 2) - 1$
1838951679	G	$-9 + (8 - (7 * (6 - 5 + 4)))^3 * 2 - 1$	1953124382	P	$-9 - 8 * (-76 + 5^4 * (4 * 3)) - 2 + 1$
1839337279	G	$-9 * (8 + 7^6 / (5^4 - 4))^-3 * (-2 * 1)$	1953124870	G	$-9 - 8 * (7 + 6 - 5^4 * (4 * 3) + 2) - 1$
1844723776	G	$98 * (7^6 * 5 - 4) * 32 * 1$	1953124966	G	$-9 - 8 * (7 - (6 + 5^4 * (4 * 3)) + 2) - 1$
1844748864	G	$98 * (7^6 * 5 + 4) * 32 * 1$	1953125078	P	$-9 - 8 * (-7 + 6 + 5^4 - (-4 * 3)) + 2 - 1$
1856265922	G	$98 * 7^6 * (54 * 3 - 2 + 1)$	1953125582	P	$-9 - 8 * (-76 - (-5^4 * (4 * 3) + 2)) - 1$
1860866999	P	$-((9 * (-8 + 7 / 6) * 5^4)^3 + 2) + 1$	1953125598	G	$-9 - 8 * (-76 - 5^4 / - 3^2) - 2 + 1$
1865357907	G	$9^8 * (76 + 54) / 3 - 2 - 1$	1958083826	P	$-(9 - 8) + 7 * (654^3 - (2 + 1))$
1865357909	G	$9^8 * (76 + 54) / 3 - 2 + 1$	1960984088	P	$((-9^8 - (8 - 7) + 6) + 5) / 4 * 3^2 - 1$
1867795327	G	$98 * (7^6 * 54 * 3 - 2) - 1$	1960984090	P	$((-9^8 - (8 - 7) + 6) + 5) / 4 * 3^2 + 1$
1867795329	G	$98 * (7^6 * 54 * 3 - 2) + 1$	1963573470	G	$(9^8 + 7^6 * 5) * (43 + 2) * 1$
1867795719	G	$98 * (7^6 * 54 * 3 + 2) - 1$	1966029374	G	$(-9 + 8^7 / 6) * 5^4 / 3^2 - 2 - 1$
1867795721	G	$98 * (7^6 * 54 * 3 + 2) + 1$	1966029376	G	$(-9 + 8^7 / 6) * 5^4 / 3^2 - 2 + 1$
1868428458	G	$(9^8 * 7 + 6^4 * (5 + 4)) * (3^2 * 2 * 1)$	1966130624	G	$(-9 - 8^7 / 6) * 5^4 / - 3^2 - 2 - 1$
1869154294	G	$-9 + ((8 + 76 * 5)^4)^3 / 2 - 1$	1966130626	G	$(-9 - 8^7 / 6) * 5^4 / - 3^2 - 2 + 1$
1873000000	G	$(9 + 8 - 7)^6 * (5^4 * 3 - 2) * 1$	1968065289	G	$9^8 * 7^6 + 54^3 * (2 + 1)$
1877000000	G	$(9 + 8 - 7)^6 * (5^4 * 3 + 2) * 1$	1974633629	G	$-9^8 * 7^6 + 5 * ((4 + 3)^-2 + 1)$
1882383902	G	$-98 + 7^6 / (5^4)^-3 * (2 * 1)$	1980149169	G	$-9^8 * (7 - 65 + 4 * 3) + 2 + 1$
1882383928	G	$-9 * 8 + 7^6 / (5^4)^-3 * (2 * 1)$	1980158826	G	$(9^8 + 7^6 * 5) * (43 + 2 + 1)$
1882383983	P	$-(9 + 8) + 7^6 / (5^4)^-3 * (2 * 1)$	2013266038	G	$-9 + (8^7 * 6^5 - 5 - 4) * -32 - 1$
1886798178	G	$-9^8 + (7 + (6 + 5)^4 * 3)^2 - 1$	2030024871	P	$-9^8 + (7 * (6 + 5) - 4)^-(-3 - 2) - 1$
1893926415	P	$-9^8 + 7^6 * (6 + 5) * (-4 + 3)^-2 + 1$	2032974711	G	$-9^8 * 7^6 * 5^4 * 32 * 1$
1894064964	G	$(9^8 + 7^6 * 5) * (43 + 2 - 1)$	2035286006	G	$-9 + 8^7 * (6^5 / 4 - 3) / 2 - 1$
1901763247	P	$-(9^8 - (7^6 * 5)^4) - 32 * 1$	2038430757	G	$-987 + 6^5 * 4^4 * (3^2 * 2 * 1)$
1901763248	P	$-(9^8 - (7^6 * 5)^4) - 32 + 1$	2038431665	G	$-9^8 - 7 + 6^5 * 4^4 * (3^2 * 2 * 1)$
1901763270	G	$-9^8 + (7^6 * 5)^4 - 3 * (2 + 1)$	2038431730	G	$-98 / 7 + 6^5 * 4^4 * (3^2 * 2 * 1)$
1901763311	P	$-(9^8 - (7^6 * 5)^4) + 32 * 1$	2040266735	G	$-9 - 8 + (-7 - 6^5) * -4^4 * (3^2 * 2 * 1)$
1901763312	P	$-(9^8 - (7^6 * 5)^4) + 32 + 1$	2047869579	G	$(9^8 - 8^7 - 6) * (5^4 * 3 / - 2 - 1)$
1904684415	G	$-9 - 8 * (-7 * ((6^5)^4 * 3 - 2) + 1)$	2051695183	G	$((9 + 8)^7 - 6) * 5 + 43^2 - 1$
1904684518	P	$-(9 - 8 * (7 * (6^5)^4 * 3 - 2)) - 1$	2054684879	G	$-9^8 + (7^6 * 543)^2 - 1$
1907942390	G	$-9 + (8^7 * 65^4 * 3)^2 - 1$	2066242232	G	$((9^8 - 7) * 6 - 5) / 4 * 32 * 1$
1910631420	G	$(9^8 - 7^6 * 5) * (43 + 2) * 1$	2066242984	G	$((9^8 + 7) * 6 + 5) / 4 * 32 * 1$
1915037128	P	$-(9^8 - 7^6 * 654^3) + 2 - 1$	2074195296	G	$(-9 - 8) * (7^6 - 5^4 * (4 * 3)) / (2 * 1)$
1915037130	P	$-(9^8 - 7^6 * 654^3) + 2 + 1$	2076180339	P	$-9 + (8^7 * 6^5 - 4) * (-32 - 1)$
1915037141	G	$-9^8 - 7 * (-654^3 - 2 * 1)$	2091544003	G	$(-9 - 8) * 7 * (65^4 - 4) * 3 + 2 + 1$
1915037148	G	$-9^8 - 7 * (-654^3 - 2 - 1)$	2097544182	G	$-9 + (-8 * (-7 - 6^5 * 4))^3 * 2 - 1$
1925805455	G	$(9^8 * (7^6 - 5^4) / 3)^2 - 1$	2097946956	G	$-9 + (8 + 7) * (654^3 / 2 - 1)$
1925805457	G	$(9^8 * (7^6 - 5^4) / 3)^2 + 1$	2114099990	G	$-9 + 8 / (6^5)^4 * (4 - 3^2) - 1$
1927385531	G	$-9^8 + ((7 - (6 + 5)^4) * 3)^2 - 1$	2133735605	P	$-(9^8 + 7) + 6^4 * (5 + 4 - 3) - 2 - 1$
1927385586	G	$-9 - 8 + ((7 - (6 + 5)^4) * 3)^2 - 1$	2134388849	G	$-9^8 + (7 + 6^4 * (5 + 4 - 3))^2 + 1$
1927728452	P	$98 * (-6 + 5^4 - (-4 - (3 + 2))) - 1$	2135964790	G	$-9 + 8 * (76 * 5^4 * 43)^2 - 1$
1929229426	P	$-(9^8 * 7 - ((6 + 5)^4 * 3)^2) + 1$	2142770043	G	$-9 * (8 - 7 * (6^5 * 54)^3) + 2 + 1$
1929229825	P	$-(98 + 7) + ((6 + 5)^4 * 3)^2 + 1$	2147452918	P	$-(9 - (8^7 - 6^5) / 4^4 * (-3 - 2)) - 1$
1929229834	P	$-(9 + 87) + ((6 + 5)^4 * 3)^2 + 1$			
1929230047	G	$(9 + 8) * 7 + ((6 + 5)^4 * 3)^2 - 1$			
1931075063	G	$-9^8 + ((7 + (6 + 5)^4) * 3)^2 - 1$			
1931075118	P	$-(9 + 8) + ((7 + (6 + 5)^4) * 3)^2 - 1$			
1934275926	P	$-9^8 + 7^6 - (-6 - 5) - 4^4 * (3 * (2 * 1))$			
1934278997	G	$-9^8 + 7^6 * (6 + 5) - 4^4 * (3 + 2) - 1$			
1934279998	G	$-9^8 + 7^6 * (6 + 5) - 4 * (3 + 2 + 1)$			
1934280002	G	$-9^8 + 7^6 * (6 + 5) - 4 * (3 + 2 * 1)$			
1934280013	G	$-9^8 + 7^6 * (6 + 5) - 4 * 3 + 2 + 1$			
1934280031	P	$-(9^8 - 7^6 * (6 + 5)) + 4 + 3^2 - 2 - 1$			
1934280150	P	$-9^8 + 7^6 * (6 + 5) - 4^4 * 3 - (2 * 1)$			
1934281045	G	$-9^8 + 7^6 * (6 + 5) + 4^4 * (3 + 2) - 1$			
1934345558	P	$-(9^8 - 7^6 * (6 + 5)) + 4^4 * (3^2 - 1)$			
1937098989	G	$((9^8 - 76) * 5 - 4) * 3^2 * 1$			

Supplement 3

-11012	G	$-1-2+(3^*-456-7)*8-9$	-51403	G	$-1+2^*-3*(4^5*67/8-9)$
-18050	G	$1+(2^*-3*(45*67-8)-9)$	-51521	G	$(1+(2^*3)^4*5-6*7)^*-8-9$
-20387	G	$-1*2^*(3^*4)^*5+6+78+9$	-51647	G	$-1-(23+45*67)^*(8+9)$
-20442	G	$-1-2-3^*(4+5)-(6+78)*9$	-52314	P	$(1+2+3)^*-((4^5+67)*8-9)$
-20786	P	$-(1*2)^(3*4)^*5+(6^*-7+8)*9$	-52325	G	$-1+(2+3^*4^*(56-78*9))$
-21954	G	$-1+(2^*3^*-456-7)*8-9$	-53230	G	$1-2^*(3+4+5)^*(6+7)+8+9$
-22107	G	$-1-2+(34*(5-67)-8)*9$	-53296	P	$(-1*2)^(3*4)-5)^*-(-6-7)+8+9$
-25287	G	$-1-2*3*(4^5+67+8)-9$	-53314	P	$(-1*2)^(3*4)-5)^*-(-6-7)+8-9$
-25381	G	$1-2-3*(4^5-6-78)*9$	-53330	P	$(-1*2^(3*4)+5)^*-(-6+7)-(8+9)$
-25779	G	$-1-2+(34-56*7)^*8*9$	-53407	G	$-1-2+(-3-4^5)^*6^*78/9$
-25946	G	$1-((2+3^4*5+6)^*7-8)*9$	-54520	G	$1-(2^*3)^(4-(5-6))^*7-89$
-25948	G	$-1-((2+3^4*5+6)^*7-8)*9$	-54572	G	$-1+23-(4^5*6-78)*9$
-26134	G	$-1-(2-(3+4)^*(5-6*7*89))$	-54617	G	$-1*23-(4^5*6-78)*9$
-26644	G	$-1+(2*(3-(4^5*(6+7)+8))-9)$	-56114	G	$-1-(234*5*6-7)^*8-9$
-26750	G	$-1-23*(4^5+67+8*9)$	-56226	G	$1*2*(3^4-5^*(6+7-8)*9)$
-29215	G	$-1-2*3*(45+67*8*9)$	-56312	P	$-1+2^3*4^5*-(6+7/8)+9$
-29229	G	$1+2-(3-45)^*(6-78*9)$	-56489	G	$-1+23*(4-5*6*(-7+89))$
-29605	G	$-1+2*(34-5^6+789)$	-57535	G	$1-2-(3^4+5)^*(678-9)$
-29674	P	$(-1*2)^*- (3-4-5^6+789)$	-57561	G	$1+2-(3^4-5+6)^*78*9$
-31623	G	$-1-(2-3^4*5*(6^*7*8-9))$	-57802	G	$-1-(-2-34^5)^*6*7^*-8-9$
-31655	G	$(1+2*3^(4-5+6))^*(7-8*9)$	-58558	G	$(1*23)^*(4-5*(6+7*8*9))$
-31664	G	$1-2-3^4*56*7+89$	-59353	G	$-1-2^3-4*(5^6-789)$
-32086	G	$1-2-345*(6+78+9)$	-59368	G	$-1-23-4*(5^6-789)$
-32969	G	$(-1-2^(3*4)-5^*6+7)^*8-9$	-59640	G	$(1+2/3-4^5*6)^*(7^*8*9)$
-33394	G	$-1*2*(3+(4^5-6*7)^*(8+9))$	-60760	G	$1-(2^*3+4^5)^*(67-8)+9$
-33502	P	$-(1+2/(3+4))^*-5-(6+7)^*8)+9$	-61584	G	$-1-23-456*(7+8)*9$
-34584	G	$(1-2)^*34567-(8+9)$	-61636	G	$(1+2*3^4*5)^*(6+7-89)$
-35417	G	$-1-((-2-3^4)^*-5+6^7/8)-9$	-61660	P	$(1-23-4^5*6)^*(-(7-8)+9)$
-35722	G	$1-2-3^4*56*7/8*9$	-61815	G	$-1-(2-34*(5^6*7+8)*9)$
-37061	G	$-1-(23+45)^*(6^*7*8+9)$	-61898	G	$-1-(2^3*456-7)^*(8+9)$
-37886	G	$-1+23+(-4-5)^*6^*78*9$	-62681	G	$-1+2^3-4*(5^6+7*8-9)$
-38508	G	$-1-2+(3-4*567)^*(8+9)$	-63292	G	$(1-2)^*(3+(4/5^6+789))$
-38905	G	$-1+2*(-3^4-5*6^7/8*9)$	-65662	G	$-1*2^3-4*(5^6+789)$
-38928	G	$-1-(2-3^4)^*(5-6*(7+8*9))$	-65679	G	$(-1*23*(45+6)^*7)^*8+9$
-39466	P	$(-1*2)^*(3^4-(-4-5)+6^7-8-9)$	-66099	G	$-1-2+(3^4)^5-6^7/8*9$
-39523	G	$-1-2*3^4(4+5)-67-89$	-66256	G	$-1*(2-3^4*5*6)^*(7-89)$
-39674	G	$-1*(2+3^4)^*(567-89)$	-66525	G	$1+2-3^4*(-5-6)^*7^*-8*9$
-40036	G	$-1-2*3^4(4+5)-678+9$	-66756	G	$1-2-(3-4^5-6)^*(7-8*9)$
-40054	G	$-1-2*3^4(4+5)-678-9$	-66842	G	$-1-(2^*3)^4-((5+6-7)^8)-9$
-40162	G	$-1-2*3^4(4+5)-6-789$	-67308	G	$1+2-3^4*(56*(7+8)-9)$
-40246	G	$1-2^3+(-45-6)^*789$	-67878	G	$(-1*2^3*4)^*(5+6*(78-9))$
-40357	G	$1-2-(3^4-5)^*(67-8)*9$	-68321	G	$-1-(2-(3-4^5)^*67)+89$
-41594	G	$-1+(-2-(3^4)^5/6-7*(8+9))$	-68343	G	$-1-2-3^4*5^*67*(8+9)$
-41619	G	$-1-(2+34*(5+67)^*(8+9))$	-68442	G	$1+2-3^4*(5+6+789)$
-41691	G	$-1-2-(3^4+567)^*8*9$	-68723	G	$-1-2-(3+4^5)^*67+89$
-42367	G	$-1-2-(3^4+56)^*7*89$	-68770	G	$1-2-3^4*(56*(7+8)+9)$
-42542	G	$-1*(2+(3^4+56)^*7)^*89$	-68994	G	$-1+(2^*-3-4^5)^*67+8+9$
-42609	G	$-1-2+(3^4*5-5+6)^*789$	-69584	G	$-1-2+(3-4^5(5-(6-7)))^*(8+9)$
-42706	G	$-1-(2+3)^*(4^5-67-8)*9$	-69601	G	$-1-(2+34*(5^6-7)^*89)$
-44039	P	$1-2^3-4^5*(-(6^*7+8-9))$	-69831	G	$-1+2*(3^4+5-6^7/8-9)$
-44389	G	$1-23*-45*(-6*7-8/9)$	-71559	G	$-1-2-((3+4)+5)^*67*89$
-44499	G	$-1-(2-3*(4-5^6+789))$	-71970	P	$-(1-(-2^3)^4+5+6)^*7*8)-9$
-45267	G	$1+2-3^4*(567-8)+9$	-72088	P	$-((1+2^3)^4+(5+6-7)^8)+9$
-45482	G	$-1-(2+3^4*5*6)^*7*8-9$	-72244	G	$-1+23*(4-5*(6+7*89))$
-45635	G	$(1-2)^*(3-4^5+6^*(7+8-9))$	-72458	G	$-1-(2^*3)^4*56-7*(-8-9)$
-45690	G	$(1-2)^*(3+45678+9)$	-72877	P	$-1+2/3*(-(4-5^6)^*7-89)$
-45750	G	$-1*2/3*(4^5*67+(8+9))$	-73299	G	$-1-2-3*(4^5-6)^*(7+(8+9))$
-45786	G	$-1-2-3*((4^5-6)^*(7+8)-9)$	-73366	G	$-1-(2^*3)^4*56-789$
-46042	G	$-1-(-2-3^4*5)^*6*7^*-8-9$	-74425	G	$-1+(23-4^5/6)^*(7^*8*9)$
-46384	G	$1-2-3*(4+5^6)+7*8*9$	-74451	G	$-1-2+(3-4^5-6-7)^*8*9$
-47739	G	$-1-2-(3^4+56)^*78*9$	-75191	G	$-1+(2^3+4^5)^*(6-(7+8*9))$
-47948	G	$-1-(2^*3)^4+5-(6^(7+8-9))$	-75423	G	$(-1-2^3*4^5)^*(6+78+9)$
-47974	G	$-1-2-(3+4)^*(5+6)^*7*89$	-76839	G	$-1+((-2^3)^4-5^6(6-(7-8))) -9$
-48862	G	$-1+-23*-4*(5-67*8)-9$	-76994	G	$1-2-(3^4*56-7)^*(8+9)$
-49634	G	$-1-(23*45*6-7)^*8-9$	-77342	G	$1+(2-3^4*(5+6))^*(78+9)$
-50059	G	$(-1*23+4^5)^*(6-7*8)-9$	-77343	G	$1*(2-3^4*(5+6))^*(78+9)$
-51052	G	$-1*(2-(3-4^5)^*(67-(8+9)))$	-77510	P	$1*(-2-3)^*- (4-5^6-7^*-8+9))$
-51270	G	$-1*2*(3+4*(5+67)^*89)$	-77551	G	$-1+(-2-3)^*(4+5^6-7^*(8+9))$
-51279	G	$-1-23-45*67*(8+9)$	-78454	G	$-1-23*(4+5*(67+8))^*9$
-51281	G	$1+((-2-3)^4-5678)*9$	-78772	G	$-1+(2^3-4^5+6)^*78+9$

-79178	G	$-1+2-(-3-(-4^5+6))*78-9$	-104835	P	$1-23^4-5^*- (6^7/8+9)$
-79367	G	$-1-2^*(3+4)*(5678-9)$	-105105	G	$-1-2-3^*(45+6^7/8)+9$
-79440	G	$1^*2^*3^*(-4^5*(6+7)+8^*9)$	-105180	G	$-1-((2^*3+4^5)*6+7)^*(8+9)$
-80254	G	$-1+(23^*-45+6)*78+9$	-105573	G	$-1-2-345^*(6^*7-8)^*9$
-81348	P	$-(1-23)- (4^5+6)^*(7+8^*9)$	-105837	G	$1+2+(-3-4)^*5^*6^*7^*8^*9$
-81393	P	$-(1^*23)- (4^5+6)^*(7+8^*9)$	-106110	P	$(1^*2^*3^4)^*5^*- (6^*7+89)$
-81453	G	$1-2^*((3^4-5)^*67^*8-9)$	-106111	G	$-1-2^*3^4*5^*(6^*7+89)$
-81463	G	$(-1^*2^*(-3^4+5))^*-67^*8+9$	-106196	G	$-1-2+(3-4^5)^*(6+7)^*8-9$
-81481	G	$(-1^*2^*(-3^4+5))^*-67^*8-9$	-106680	G	$-1-(2+3^*(456^*78-9))$
-81710	P	$-((-1-(2^*3)^4)^*- (56+7)+8)+9$	-106820	G	$-1-(2+(3+4^5)^*(6+7)^*8)-9$
-82163	G	$1+(2^*3^4+5)^*6^*(7-89)$	-107859	G	$-1^*(2^*3^4-5)^*(678+9)$
-82501	P	$((-1^*2^*3^4)^*5^*6+7)^*- (-8-9)$	-108042	G	$-1-2-3^*(4^5+6^7/8)+9$
-82518	G	$(1-2^*3^4*5)^*(6+7+89)$	-108168	G	$1^*(2^*3)^4-5^*6^*7-89$
-82659	G	$-1-2+(34^*-5+6)^*7^*8^*9$	-108242	G	$(1^*2^*3^4-5^*6)^*7+8-9$
-82976	G	$-1-(2^*((3^4)^5/6+7)+8)-9$	-108257	G	$1+(2^*3^4-5^*6)^*7-8-9$
-83637	P	$1+2-34^*5^*6^*- (7-89)$	-108798	G	$(1-2+3^4-5^*6)^*7+8+9$
-83725	G	$-1-(2+(-3-4^5+6)^*(7-89))$	-108840	P	$- (1^*2+(-3-4)^*(-5^6+78))-9$
-84142	G	$1+(2^*3^4-5)^*-67^*8+9$	-109017	G	$(1^*2/3^4-4)^*(5-678)+9$
-84458	P	$1-2+3+(4^5+6)^*- (-7+89)$	-109651	G	$-1-2-(34^5+6)^*7^*89$
-84466	G	$-1-(2+3)+(4^5+6)^*(7-89)$	-109782	G	$1^*2^*(3-(4+5)^*678)^*9$
-84469	G	$-1-2^*3+(4^5+6)^*(7-89)$	-110273	G	$-1+(-2^*(3+4)-5^6)^*7+8-9$
-85621	G	$-1+2^*((3-4^5)^*6^*7+8^*9)$	-110361	G	$-1+(2+3)^*4^*(5-67)^*89$
-85758	G	$-1-(2-(3-4^5)^*(6+78)-9)$	-110420	G	$(-1^*2^*3^4-5^*6)^*7+89$
-86587	G	$-1-((2^*3)^4-5)^*67-89$	-110437	G	$(-1^*2^*3^4-5^*6)^*7+8^*9$
-86703	G	$-1-2-34^*5^*(6-7^*-8^*9)$	-110508	P	$-((1^*2^*3^4+5^*6)^*7+8)+9$
-87633	G	$(-1^*2^*3^4)^*(5+67^*8)+9$	-110681	G	$1-(2+3^4^*(5-6+7)+8)^*9$
-88544	P	$-1+23+(4^5-6)^*- (78+9)$	-111011	G	$1+(-234-5^*6)^*7-8+9$
-89607	P	$(-1+2)^*(3+(4^5+6)^*- (78+9))$	-111029	G	$1+(-234-5^*6)^*7-8-9$
-89874	G	$-1-2-(3+(4^5+6)^*(78+9))$	-111156	G	$(-1^*2^*3^4+5)^*(6+78^*9)$
-89937	P	$-(1+(2^*3+4)^5+6-7)-8)^*9$	-111724	G	$-1-(2^*3^4+5)^*(678-9)$
-90325	G	$-1+(2^*3^4*(5-67)+8)^*9$	-111775	P	$1^*2^*(3^4(4+5)/6+7)^*- (8+9)$
-90467	G	$1+(2^*3^4*(5-67)-8)^*9$	-111991	G	$-1+2^*(3-(4^5+6+78)^*9)$
-91427	G	$1-2-34^*(5^*67^*8+9)$	-112098	G	$(-1^*2^*3^4+5)^*6^*7^*(8+9)$
-91819	G	$1-2^*(3^4*567-8-9)$	-113752	G	$-1-((2+3)^4+5^*6)^*7+8-9$
-91825	G	$-1-(-23+4^5*6)^*(7+8)-9$	-114074	G	$-1+2^*(3+(4^5-6)^*7)^*-8-9$
-91837	G	$(-1^*(2/3^4-4)^567+8+9)$	-114309	G	$(-1^*2^*3^4-5/6)^*78^*9$
-91871	G	$(-1^*2^*3^4)^*567-8-9$	-114957	G	$-1-(2+34^*(5^*678-9))$
-91943	G	$(-1^*2/3^4-4)^567-89$	-115418	G	$-1+2^*(3-(-4^5-6)^*7)^*-8-9$
-92778	G	$(-1^*2^*-3^4-5^*6)^*(7+8-9)$	-116760	G	$-1-(23+4^5*(6^*7+8^*9))$
-94062	G	$1^*2/3^*(4-5^*6-7^*8)^*9$	-117507	G	$-1-2-34^*(56^*7-8)^*9$
-94459	G	$-1+2^*(3-4^5*(6-7/8)^*9)$	-117525	G	$(1-2-(3+4)^5+6)^*7+89$
-94698	G	$((-1^*2^*3^4)^*5^*(6+7)+8)^*9$	-117795	G	$-1-(2+(3+4)^5+6)^*7-89$
-94722	G	$(-1^*2^*3^4-5^*6)^*(7+8-9)$	-117823	G	$1-2/3^*(4^5*6^*789)$
-95053	G	$-1+((23-4^5)-67)^*89$	-118137	G	$-1-(2+(3^4(4+5)+6)^*(7+8-9))$
-95144	G	$-1-2-(3+(4^5+6^*7)^*89)$	-118277	G	$-1-2^*(3^4(4+5-6+7)+89)$
-96066	G	$(1^*2^*3^4)^*(5^*6-7^*89)$	-118356	G	$(-1^*234-5/6)^*(7^*8^*9)$
-96447	G	$-1-(-2-3^4)^*(-5+(-6-7)^*89)$	-118893	G	$(1-2-3^4(4+5))^*6-789$
-96520	G	$(1^*2^*3-4^5)^*((6+7)^*8-9)$	-121120	G	$-1+23+(-4^5+6)^*7^*(8+9)$
-96730	G	$-1-((2^*3)^4-56)^*78-9$	-121383	G	$-1-2-34^*5^*6^*7^*(8+9)$
-97214	G	$1^*2+(-3+4-5^*6)^*7^*8/9$	-122090	G	$1-2^*(3^4)^*5^*6+789$
-97286	G	$-1-(2+3+4^5*((6+7)^*8-9))$	-122487	G	$-1-2-3^*(4+567^*8^*9)$
-97667	G	$1+(2-3^4*(56+78))^*9$	-122622	G	$1-2-(3+(4^5+6)^*7)^*(8+9)$
-97685	G	$-1+(2-3^4*(56+78)^*9)$	-122795	G	$1-2^*3^4*(56+78^*9)$
-97706	P	$-1+23+(4^5-6)^*- (7+89)$	-123502	G	$1-2^*(3^4)^*5^*6-7^*89$
-98985	G	$-1-2-(3^4+5+6)^*78^*9$	-123704	G	$(-1^*2^*-3^4-5^*6)^*(7-(8-9))$
-99649	G	$-1-((2^3+4^5)+6)^*(7+89)$	-124680	G	$-1+2-(-34-(-5^6+7))^*8-9$
-100726	G	$-1-(2+(3+4)^5*6-7^*(8+9))$	-124684	G	$-1-2-(-34-(-5^6+7))^*8-9$
-101374	G	$-1-2-(3^4+5)^*67^*89$	-124876	G	$1+2^*(3-4^*(5^6-7-8))+9$
-101688	P	$(-1^*2^*-(-3^4+5))^*(678-9)$	-125138	P	$(-1+2-3)^*- (-4^5+6-78+9)$
-101934	G	$-1-(2-3^*(4^5-(-6^7/8+9)))$	-125228	P	$(-1^*2)^*- (3-(4^*(5^6+7)+89))$
-102786	P	$1+2-3^4(- (4-5)+6)^*(7^*8-9)$	-125340	G	$-1-2-(34+(5^6+7))^*8-9$
-102792	P	$-1-2-3^4(- (4-5)+6)^*(7^*8-9)$	-125557	P	$1-2^*(3-4^*- (5^6-(-78+9)))$
-103047	G	$(-1^*2^*(3^4-5))^*678+9$	-125705	G	$(-1+(2-3^4-5^*6)-7)^*8-9$
-103065	G	$(-1^*2^*(3^4-5))^*678-9$	-126090	P	$- (1+(2^4(3+4)+(5^6+7))^*8)-9$
-103075	G	$-1-2^*((3^4-5)^*678+9)$	-126097	P	$- (1+2^4(3+4)+5^6+7)^*8-9$
-103376	G	$-1^*234^*56^*(7+8/9)$	-126230	G	$1-(2^*3^4+5^*6-7)^*8+9$
-104478	P	$-1-2-3^*- (4^5*(-6^*7+8)-9)$	-126231	P	$(-(-1^*2^*-3^4+5^*6)+7)^*8+9$
-104545	P	$-1+23+(4^5*6+7)^*- (8+9)$	-126243	G	$(1-(2^*3^4+5)^*(6+78))^*9$
-104591	P	$-1-23+(4^5*6+7)^*- (8+9)$	-126296	G	$(-1^*2^*3^4-5^*6)^*(7-(8-9))$
-104622	G	$-1-2+3^*((4^5-6^7/8)-9)$	-126948	G	$-1-(2+(-3+4-5^*6)^*(7/8-9))$

-127013	G	$-1-(2-(3+(4+5^6)))*(7/8-9))$	-160072	G	$-1*((((2+3)^4)^{(5+6-7)}+8^9)$
-127265	G	$-1-2-34^*(5+6^7*89)$	-160672	P	$-(1+(-2*(-3-4^5)+6)^*78)+9$
-127340	P	$-(1+2*(3+4^5)*(6+7^8))+9$	-160678	G	$-1+2*(-3-(4^5+6)^*78)+9$
-128608	G	$-1-(2^*3^4-(5-6))^*789$	-160696	G	$-1+2*(-3-(4^5+6)^*78)-9$
-128750	P	$-1*(2^*3+4^5)*(6-7^*(8+9))$	-162819	P	$(1+2*(-3-4^5)+6)^*(7+8^9)$
-129292	P	$1-2-3^*(4^5*6^*-7-89)$	-163083	G	$-1-2+(3-4^5*67)^*8^9$
-129936	G	$-1-((2+3)^4+5^6-7)^*8+9$	-163801	P	$(-((-1+2^*(3^4))^5+6)+7)^*8-9$
-130029	G	$(-1-2-3^4*(5+6+7))^*89$	-163988	G	$-1-(23*(4^5-6)^*7+89)$
-130791	G	$-1-(2^(3^4+5)-6*(7^8-9))$	-164189	G	$-1-2-34^*(5+67^8*9)$
-130852	G	$-1-(2^(3^4+5)-(6+7)^*(8+9))$	-164734	G	$-1-(23^4*5-6)^*7+89$
-131133	G	$-1-2^(3^4+5)+6*(7-8-9)$	-167667	G	$1+2-3^4*5^6*(78-9)$
-131192	G	$-1-2^(3+4^5-6)-7*(8+9)$	-167673	G	$-1-2-3^4*5^6*(78-9)$
-131710	G	$1-2-(3-4^5)*(6-(7+8)^9)$	-168133	G	$-1-2+((3+4)^5+6)^*(7-(8+9))$
-131787	G	$-1-2^(3^4+5)-6^*7*(8+9)$	-168149	G	$(1+((2+(3+4)^5)+6)^*(7-8-9))$
-132023	P	$1-2-34^*(5-6^7/(8^9))$	-168733	G	$-1-2*(3^4*5^6/(7+8)-9)$
-132030	G	$(-1*2^*3^4)*(5+6*(7+8)^9)$	-168843	G	$-1-2+(-3-4)^*5^6*7^8*9$
-132074	G	$-1+23+4^5*(6-(7+8)^9)$	-170393	G	$1-23^4+5^6*7+8^9$
-132881	G	$(-1*2^*34)^*(5^6+7)/8-9$	-170448	G	$1-23^4+5^6*7+8+9$
-132890	G	$(-1*2)^*(34*(5^6+7)/8+9)$	-170575	G	$1*2-3^4(-4+5+6)^*78+9$
-133359	G	$-1-2*(3+4^5)^*(-6^*7-89)$	-170579	G	$1*2-3^4(-4+5+6)^*78+9$
-133919	G	$(1-2-(3+4)^5+67)^*8+9$	-170593	G	$1*2-3^4(-4+5+6)^*78-9$
-133932	P	$-1-2+(-3+4)^5+67)^*8-9$	-170859	G	$-1-2+(-345+6)^*7^8*9$
-134622	G	$(-1*2/(-3^4-4))^*(-56*(7+8)+9)$	-172105	P	$-1+2^3*(-4^5*(6+7+8)+9)$
-134986	P	$-1-2-(3+4)^5-67)^*8-9$	-172169	G	$1-(2^*(3^4+5)^6*7+8^9)$
-135375	G	$-1+2^3+(4-5^6)^*78/9$	-172555	G	$-1+2*((-3-4^5)^*(6+78)-9)$
-136498	G	$-1-(2^*3^4+5+6)^*789$	-172615	G	$1*(2-3^4(-4+5+6))^*(7+8^9)$
-136904	G	$-1-(2*(3+4^5)^6+7+89)$	-172771	P	$1*2-3^4(-4-5+6)^*(7+8^9)$
-137228	G	$1+2*(-3-4^5*6^7-8)+9$	-172775	P	$-(1*2)-3^4(-4-5+6)^*(7+8^9)$
-137759	G	$-1-(2+(3^4(4+5)-6)^*7+8+9)$	-172845	G	$(1+2-(3+4)^5+6-7)^*8^9$
-139254	G	$1-2^(3+4+5)^*(6^*7-8)+9$	-173128	G	$(1*2*(-3^4+5))^*6^*7*(8+9)$
-139822	G	$-1-2-(3+4^5*6^7)^*89$	-174291	G	$-1+(2+3)^4-5*(6^7/8-9)$
-140349	G	$-1-2-(3+4^5)^*678^9$	-174709	G	$-1-23*(4+5^6*(7+8))^*9$
-141640	G	$1+(2+3-4^5)^*(67+8^9)$	-174718	G	$-1+234-5^6*6^7/8+9$
-142158	P	$-1-2-3^4(-4-5+6)^*(7^8+9)$	-174799	P	$-1-(-2-3+4)^5-6)^*78^*-9$
-142350	P	$(1+2+3^4(-4-5+6))^*(7^8+9)$	-174844	G	$-1+2^3*4^5-5*(6^7/8+9)$
-142394	G	$-1+23*(-4^5*6-7^8-9)$	-174882	G	$1+2^3*4^5-5^6*7/8+9$
-143042	P	$-(1*2)-3*(4^5+6^7+8-9)$	-175033	G	$1-2-3^4-5^6*7/8+9$
-143539	G	$1-2-3*(4^5-6)^*(7^8-9)$	-175186	G	$-1-234-5^6*6^7/8+9$
-144669	G	$-1-2-(3^4*5+6)^*(7^8-9)$	-175204	G	$-1-234-5^6*6^7/8-9$
-144808	G	$1-2-(3+4^5)^*(6+(7+8)^9)$	-175541	G	$-1-(2+3)^4-5*(6^7/8-9)$
-145579	G	$-1+2*(3-(4^5-(6+7))^*8^9)$	-176098	P	$-(1+23*(4^5-67)^*8)-9$
-145657	G	$-1-((-2-34)^5*6-7)^*8^9$	-176995	G	$(1-23^4)^*(5^6+7)/8-9$
-146206	G	$(1+2^3*4^5*(5+6))^*(7-89)$	-177354	P	$-((1*2^3)^4+5^6-7-8)^*9$
-147300	G	$-1-2-3*(4^5*6-7)^*8-9$	-177456	G	$-1-2-(3^4(4+5)+6^*7-8)^*9$
-147632	G	$-1+2-3*(4^5*6+7)^*8-9$	-177600	G	$-1-2-(3^4(4+5)-6+7^8)^*9$
-148209	G	$-1-(2+34*(5^6*78-9))$	-178035	G	$-1-2-3^4*(5^6-789)$
-148724	G	$-1+2+((3/4-5)^6*7/8-9)$	-178824	G	$-1-(2^3*4^5)^*6^*7*(8+9)$
-148728	G	$-1-2+((3/4-5)^6*7/8-9)$	-178939	G	$1-23^4*((5^6+7)/8-9)$
-149547	G	$-1-2-(345*6+7)^*8^9$	-179498	G	$(1*2+3^4(-4+5+6))^*(7-89)$
-149763	G	$-1-2-3^4*5^6*(-7/8+9)$	-179560	G	$1-23^4*(5^6+7)/8-9$
-151041	G	$(-1*2-3^4(-4+5+6))^*(78-9)$	-179813	G	$1-23^4*(5^6-7)/8+9$
-153921	G	$-1-(2+34*(5^6*78-9))$	-179974	G	$1-23^4*(5^6+7)/8+9$
-154069	G	$-1-2*((3+4^5)^*(67+8)+9)$	-180762	G	$-1-(-2+345)^*(6^*7^8-9)$
-154793	G	$1-23^4+(5^6+7)^*8-9$	-182019	G	$-1-2-3^4*5^6*(7/8+9)$
-155128	P	$-1-(-2-3+4)^5-6)^*7^*-89$	-182504	P	$1+23^4*5/(-6-(-7-8)/9)$
-156056	G	$(1-2^3)^4*5^6/6^*-78+9$	-183258	G	$(1-2-3^4(4+5)-678)^*9$
-156278	G	$1*2*(3-(4-(5-6))^7-(8+9))$	-183573	G	$(1-2^*(3^4)^*-5-6-78)^*-9$
-156334	G	$-1+(2*(3-(4-5+6)^7)-89)$	-183654	G	$(1-2^*(3^4)^*-5-6-78)^*-9$
-156963	P	$-1-2-(3^4(-4-5+6)-7)^*8^9$	-184976	G	$1+(2-3^4*5)^*(6^*78-9)$
-157515	G	$-1-(2+(3^4(4+5)+6)^*(7-(8-9)))$	-184986	G	$(1-2^*(3^4)^*5^6-78)^*9$
-157593	G	$(-1*2-3^4(4+5)-6-7)^*8-9$	-184994	G	$1-(2^*(3^4)^*5+6+78)^*9$
-157870	P	$(-1*2^*3^4-5^6)^*(7-(8+9))$	-185067	G	$(1-2^*(3^4)^*5-6-78)^*9$
-157971	P	$-1-2-(3^4(-4-5+6)+7)^*8^9$	-185132	G	$-1+2-3*(4^5*6-789)$
-159123	G	$-1-2-34^5*(6+7)^*8^9$	-185136	G	$-1-2-3*(4^5*6-789)$
-159279	G	$-1-(2-(3-4^5)^*(67+89))$	-185818	G	$-1+23*((-4^5+6+7)^*8+9)$
-159928	G	$-1*((2+3)^4)^{(5+6-7)}+8^9$	-186822	G	$-1-2-3^4*(5^6-7^8)+9$
-159983	P	$1*((-2-3)^4)^{(5+6-7)}+8+9$	-187213	G	$1-2-3*(4^5*6-7-89)$
-159991	G	$-1*((-2-3)^4)^{(5-(6-7)^8)+9}$	-187240	G	$1-2-3*(4^5*6-78-9)$
-160009	G	$-1*((-2-3)^4)^{(5-(6-7)^8)+9}$	-187294	G	$1-2-3*(4^5*6-78+9)$
-160017	G	$-1*((2+3)^4)^{(5+6-7)+8+9}$	-187342	G	$1-2-3*(4^5*6-7^8)-9$

-187678	G	$1-2-3*(4*5^6+7*8)-9$	-218566	G	$-1-2-(3+4)^5*(6+7)-8*9$
-187747	P	$1-2-3*(-(4*5^6-7)-89)$	-218713	G	$(1*2)*(3+(4-5^6)*7-8)-9$
-187801	G	$1-2-3*(4*(5^6+7)+8*9)$	-219083	G	$-1+2*((-34-5^6)*7+8*9)$
-187803	G	$-1-(2+3*(4*(5^6+7)+8*9))$	-219405	G	$-1-2*((34+5^6)*7+89)$
-187852	G	$1-2-3*(-4*(-5^6-7)+89)$	-219795	G	$(1*2*(3^4+5^6))^*-7+89$
-188067	G	$-1-2-3*4*(5^6-(-7*8+9))$	-219812	G	$(-1*2*(3^4+5^6))^*7+8*9$
-188166	G	$-1-2-3*4*(5^6+7*8)+9$	-219867	G	$(-1*2*(3^4+5^6))^*7+8+9$
-188292	G	$-1-2-3*4/5^6-789$	-219883	G	$(-1*2*(3^4+5^6))^*7-(8-9)$
-188596	G	$-1+(2-3^4*5)*6*78+9$	-219885	G	$(-1*2*(3^4+5^6))^*7+8-9$
-188614	G	$-1+(2-3^4*5)*6*78-9$	-219901	G	$(-1*2*(3^4+5^6))^*7-(8+9)$
-188809	G	$1*2-3^4*(5*6*78-9)$	-219956	G	$(-1*2*(3^4+5^6))^*7-8*9$
-188814	G	$-1-(2+3^4*(5*6*78-9))$	-219973	G	$(-1*2*(3^4+5^6))^*7-89$
-189015	G	$-1-(2+3*(4*5^6+7*8*9))$	-221154	P	$1+2-3*(-(4^5*(6-78)+9))$
-189453	G	$(-1+2-3^4*5*6)*78+9$	-221259	G	$-1-2+(3/4^5-5-(6-7))^*-8*9$
-189472	G	$1-(23*(4^5+6)-7)*8-9$	-222123	G	$-1-2+(3/4^5-5+6+7)*-8*9$
-189687	G	$(-1*2-3^4*5*6)*78+9$	-223188	G	$-1+(-2-3^4)*5*(6*7*8+9)$
-190095	G	$(1*2-3^4(-4+5+6))*78+9$	-224044	G	$-1-23-4/-5*(-6^7-89)$
-190421	G	$1-(2^4(3^4)*5+678)*9$	-224209	G	$1-2+(3*4^5+6*7)*-8*9$
-190530	G	$(-1-2-3^4(-4+5+6))*78+9$	-224211	G	$-1-2+(3/4^5-5+6*7)*-8*9$
-191649	G	$(-1*2+3^4*5*6)*78*9$	-226328	G	$-1-23-4^5*(6+7)*8+9$
-192439	G	$1-2^4(3^4)*5*(6*7*8)+9$	-226970	G	$-1-(2+(3+4^5)*6+7)*(8+9))$
-193182	G	$1+2-3^4*5*(6*78+9)$	-229288	G	$1-2^4(3^4)*5^6+78+9$
-193512	G	$1+23-4^5*((6+7)+8)*9$	-229293	G	$1-(2^3)^4*5^6-7+89$
-194138	G	$1-(2+3^4*5)*6*(78+9)$	-229352	G	$(-1*2^4(3^4))^*56+7+8+9$
-194193	G	$-1+2*(3-(4^5+67)*89)$	-229445	P	$-((1*2^3)^4*56+78)+9$
-194968	G	$-1+(-2-3^4)*5*(6*78+9)$	-229456	P	$-((-1-2^4(3^4))^*56+7+8)-9$
-194979	G	$-1-2-3*4*(5^6+7*89)$	-229480	G	$-1-(2+(3-(4-5))^6)*7*8+9$
-195372	G	$(1*2+3^4)*(-56-78)*9$	-229495	P	$(-1*2)^4(3^4)*56-7*(8+9)$
-195927	G	$-1-2-3*4*(5^6+78*9)$	-229551	G	$(-1-2^4(3^4))^*56-7*(8+9)$
-196773	G	$-1-(2-(3^4(4+5)-6)*(7-(8+9)))$	-229611	G	$-1-2+(3-456*7)*8*9$
-197571	G	$-1-2+(-3-4)*5*6*7*8*9$	-229968	G	$(1-2+3+456*7)*-8*9$
-199258	G	$1*2+3^4*5*6*(7-89)$	-230043	G	$-1-2-(3+456*7)*8*9$
-199424	G	$(1*2+3^4*5*6)*(7-89)$	-230165	P	$(-1*2^3)^4*56-789$
-200243	G	$1+(2+3^4*5)*6*(7-89)$	-230166	P	$(1+2-3*4^5)*-(-67-8)+9$
-200687	G	$(-1*2^4(3^4))^*(56-7)+8+9$	-230221	G	$(-1-2^4(3^4))^*56-789$
-201815	G	$-1-2*(3+4)^5*6*7*8+9$	-230270	G	$1*2^4(3^4)-(5^6*(7+8)-9)$
-202161	P	$-(-1-2+((3+4)^5/6+7)*8)*9$	-230288	G	$1*2^4(3^4)-(5^6*(7+8)+9)$
-202211	G	$1+((2+(3+4)^5)/6+7)*-8*9$	-231936	G	$(1*2*3^4-5^6)*7*(8+9)$
-204810	G	$((-1+2^4(3^4))^*-5-6)*(7+8+9)$	-231954	G	$(1*2*3^4-5^6)*7*(8)-9$
-205579	G	$-1+2*3^4(-4+5+6)*(-7*8+9)$	-232306	P	$(-1-23)^4*5^6-6*(7*8+9)$
-206569	G	$-1-(-2-3*(-4^5+67))^*8*9$	-233047	G	$-1+(234-5*6^7(7+8-9))$
-206713	G	$1-2-3*(4^5-67)*8*9$	-233087	G	$1+(2^3)^4-(5^6*(7+8)+9)$
-209760	G	$(1*2-3^4(-4+5+6))*7+89$	-233088	G	$1*(2^3)^4-(5^6*(7+8)+9)$
-210144	G	$(-1*2-3^4(-4+5+6))*7+89$	-233314	G	$(1-2)^34-5^6*(7+8-9)$
-210589	G	$-1+(2-3*(4^5-6))^*(78-9)$	-233348	G	$(-1*2)^34-5^6*(7+8-9)$
-210699	P	$-(-1*2*(3/4*(-5^6+7)+8))^*9$	-233372	G	$(-1*23)^4*5^6*(7+8-9)$
-211413	G	$-1-2-3^4*5*6*(78+9)$	-233381	G	$-1-(-2-3)*(-4*5-6^7(7+8-9))$
-211601	G	$-1-(23*4^5)^4(-6+7-8+9)$	-233478	P	$(-1-23)^4*5-6+789$
-212177	P	$(1+2*3^4*(5+6))^*7*(8+9)$	-233505	G	$-1*(2+3)*(45+6^7(7+8-9))$
-212454	P	$(1*(2+3^4*5)*6)*-(78+9)$	-233859	G	$-1-(2-(34-5^6)*7+8)-9$
-213033	G	$(1-2)*(3+45*6*789)$	-234106	G	$1*2-3*((4-5+6)^7-89)$
-213852	G	$-1-2-(3^4)^5+6^7/8-9$	-234158	G	$-1+2-3*((4-5+6)^7-8*9)$
-213889	P	$-1-2^4(-3-4)*(5*6*7*8-9)$	-234216	G	$1*(2*3+4-5^6)*7*(8)+9$
-216095	G	$1+2/3*((-4^5-6^7/8)*9)$	-234224	G	$1+(-2-345)*(67+8)*9$
-216117	G	$(1*2+3^4*5)*(67-8)*-9$	-234230	P	$(-1-23)^4*5-6+7+89$
-216714	G	$1+(2-3^4*5*6-7)*89$	-234253	G	$(-1-2-3*4)*((5^6)-7)+8+9$
-216867	G	$-1-2+(3-45*67)*8*9$	-234409	P	$-((-1-23)^4+(5+(6+7))^*8)-9$
-217527	G	$(1*2*(3^4-5^6))^*7+89$	-234588	G	$1+2-3*((4-5+6)^7+8*9)$
-217544	P	$(-1*2*(3^4-5^6))^*7+8*9$	-234590	G	$-1+2-3*((4-5+6)^7+8*9)$
-217599	P	$(-1*2*(3^4-5^6))^*7+8+9$	-234600	P	$1*23^4*5^6*(6-7*-8*9)$
-217607	G	$(1-2-3^4*5)*6*7*8+9$	-234822	P	$(-1-23)^4*5-6-7-8+9$
-217615	P	$(-1*2*(3^4-5^6))^*7-(8-9)$	-234840	P	$(-1-23)^4*5-6-7-8-9$
-217617	P	$(-1*2*(3^4-5^6))^*7+8-9$	-234930	P	$(-1-23)^4*5-6-7+8-9$
-217633	G	$(1*2*(3^4-5^6))^*7-(8+9)$	-234948	P	$(-1-23)^4*5-6-7-8-9$
-217688	P	$(-1*2*(3^4-5^6))^*7-8*9$	-235071	G	$-1-2*((3+4)^5-6)*7-8*9$
-217705	G	$(1*2*(3^4-5^6))^*7-89$	-235180	G	$-1*2*((3+4)^5-6)*7-8-9$
-218115	G	$-1-2-3*4^5*(6+7*8+9)$	-235927	G	$-1-2*(3^4(4+5)*6-(7+8)*9)$
-218161	G	$(-1*2-3^4*5)*6*7*8-9$	-236389	G	$-1-2*(3^4(4+5)*6+(7+8)*9)$
-218163	G	$-1-2+(3/4^5-5-6*7)*-8*9$	-236814	G	$(-1*2/3^4-4-5^6)*7*(8)-9$
-218535	G	$-1-((2+(3+4)^5)*(6+7)+8)-9$	-236986	G	$-1-2*3^4(4+5)*6-789$

-237443	G	$-1-2*(3^{(4+5)}*6+7*89)$	-254119	G	$(1*2+3^4*56)^*-7*8+9$
-237826	P	$-(1-23)^4-5*6*7*(8+9)$	-254127	G	$(1+(2+3^4*56)*7)^*-8+9$
-237895	P	$-(1+(23+5^6)*7+8))^{-9}$	-254137	G	$(-1*2-3^4*56)*7*8-9$
-238149	P	$((-1+((2+3)^4+5)*6)*7+8)^*9$	-254252	G	$1-(2^4(3*4)+5)*(6+7*8)+9$
-238222	G	$1-2-(3*(4^5-6)*78+9)$	-254471	G	$(-1*2/(3-4/5))*(6^7-8)+9$
-238224	G	$-1-2-3*(4^5-6)*78-9$	-254489	G	$(-1*2/(3-4/5))*(6^7-8)-9$
-238384	P	$1-2-3^4-(-4-5)*(6+7-8/9)$	-255899	G	$-1-2-3^4(4+5)*(6+7)-(8+9)$
-239160	G	$-1-2+(3^4-4^5+6)*78-9$	-256149	G	$((-1-2^4(3^4)+5*6)*7+8)^*9$
-240096	G	$-1-2-(3^4*5+6)*78-9$	-256231	G	$-1*(2+(3^4*5+6)*7)*89$
-241030	G	$1-2-3*(4^5+6)*78-9$	-257999	G	$1+2/3*((4^5*6*-7+8)*9)$
-241032	G	$-1-2-3*(4^5+6)*78-9$	-258128	G	$(-1-2^4(3^4))*(56+7)-(8+9)$
-241654	G	$1-2^4(3+4+5)*(67-8)+9$	-260014	G	$1-(-2+3^4(-4+5+6))*7*(8+9)$
-242217	G	$-1-(2+(3^4*5-6)*(7+8*9))$	-260015	P	$(1*2-3^4(-4-5+6))*7*(8+9)$
-242497	G	$-1-((2/3)^4+5)*6^4(7+8-9)$	-260123	G	$-1+(-2-3^4)*(5^4(6+7-8)+9)$
-243274	G	$-1+((2+3)^4*5+6)*78+9$	-260202	G	$(1+2-3^4(-4-(-5-6))*7)*8+9$
-244011	G	$-1-2+(3^4)^5+67*8*9$	-260491	P	$(-1*2-3^4(-4-5+6))*7*(8+9)$
-244289	G	$-1*2-(3^4*5*67+8)*9$	-261036	G	$-1-(-2-3^4)*-5*(6+7*89)$
-244290	G	$-1-2-(3^4*5*67+8)*9$	-261647	G	$1+2^4(3^4)-(-5^6+7)*(8+9)$
-244623	G	$-1-2-(3^4)^5+6*78*9$	-261996	G	$(1-(2+3)^4*5/6)*7*8*9$
-245493	G	$-1*((2+3^4*5)*67+8)*9$	-262254	G	$1-23^4+(-4+5+6)/8*9$
-245714	G	$-1+((-2-3)*4^5*6+7)*8-9$	-262990	G	$(1*2*3^4-5^6-7)*8+9$
-245811	G	$-1-2-(3^4)^5+6*7*8*9$	-263256	G	$(1+2+3^4)*(-5^4(6+7-8)-9)$
-246165	G	$-1-(-2+3^4)*(5^4(6+7-8)-9)$	-263737	G	$-1+(2+3^4*5)*(6-78)*9$
-247224	G	$1*(23*(4^5/6)*-7+8)*9$	-264127	G	$1*2+(3^4-5^6+7)*8+9$
-247330	G	$1+(2-3^4*5+6)*7*89$	-264365	G	$1*2+(3^4-5^6-7)*8+9$
-247350	G	$-1+((2-(3+4))^5-6)*(7+8*9)$	-265271	G	$1+234-(5^6-7)*8+9$
-247368	G	$-1*(23*(4^5/6)*7+8)*9$	-265344	G	$1*2*3^4-(5^6-7)*8+9$
-248139	G	$-1-2-(3^4)^5-(6-78*9)$	-265390	G	$-1-2+(3+(4-(5^6-7)))*(8+9)$
-248218	G	$-1-2-(3^4)^5-(6-7*89)$	-265416	G	$-1+23+(4-5^6+7)*8+9$
-248346	G	$-1*(2+(3456-7)*8)*9$	-265447	G	$-1-2^3+(4-5^6+7)*8+9$
-248376	G	$-1-2-(3^4)^5+6*78-9$	-265462	G	$-1-23+(4-5^6+7)*8+9$
-248399	G	$1*(2-(3^4*5-6)*7)*89$	-265482	G	$1*2*3^4-(5^6-7)*8+9$
-248583	G	$(-1*2*(3^4-5^6+7))*-8+9$	-265509	G	$1+234-(5^6+7)*8+9$
-249162	G	$-1-2-(3^4)^5-6*7*8+9$	-265526	G	$-1-2+(3-4-5^6+7)*8+9$
-249321	G	$1+2-(3^4)^5+6*(7-89)$	-265740	G	$(1-2)^3*-4-(5^6+7)*8+9$
-249380	G	$-1-2-(3^4)^5-67*8-9$	-265747	G	$-1-2-((3+4)^5+6+7)*8+9$
-249513	P	$-(-1+2*(-34-5^6)+7)*8-9$	-265823	G	$1*2-3^4-(5^6+7)*8+9$
-249531	G	$-1-2-(3^4)^5+6-78*9$	-265977	G	$1-234-(5^6+7)*8+9$
-249541	G	$1-2-(3^4)^5-(6+78*9)$	-266150	G	$1-2^4(3^4)*5*(6+7)+89$
-249639	G	$1+2-(3^4)^5-6*(7+8)*9$	-266155	G	$(1-2^4(3^4)*5*(6+7)+8*9)$
-249802	G	$1*2*(34-(5^6-7)*8+9)$	-266167	G	$1-2^4(3^4)*5*(6+7)+8*9$
-249875	G	$(-1+2*(3/4-5^6+7))*8+9$	-266222	G	$1-2^4(3^4)*5*(6+7)+8+9$
-249882	P	$-((1-23)^4+5^6)+(7-8)^9$	-266466	G	$(1+2+3^4*(5-6*7))*89$
-249891	P	$(-1*2*(-(-3/4-5^6+7))*8+9)$	-266514	G	$-1-(2+(3+4)^5*(6/7*8+9))$
-249905	P	$1-2*(-(-(-3+4)*5^6+7)*8+9)$	-266881	G	$1*2-(3^4+5^6-7)*8+9$
-250285	P	$1-2*(-((3^4+5^6+7)*-8+9)$	-267119	G	$1*2-(3^4+5^6+7)*8+9$
-251175	G	$(-1*2*(3^4-(-5^6+7)))^*8+9$	-268498	G	$-1*(2*3^4+5^6+7)*8+9$
-251231	G	$(-1*2*(3^4+5^6+7))^*8+9$	-268705	G	$(1-2*(3+4)^5-6-7)*8-9$
-251296	G	$(-1*2*(3^4+5^6))^*(7-8+9)$	-268915	G	$-1-2-(3+4)^5/(6/(7+89))$
-251343	P	$-(1*2*(3^4+5^6+7))^*8+9$	-269938	G	$1-2-3*(4^5-6-7)*89$
-251361	P	$-(1*2*(3^4+5^6+7))^*8-9$	-270467	G	$-1-(23^4-5^6/(7+8)/9))$
-251399	G	$(1*2*(3^4+5^6+7))^*-8+9$	-270947	G	$1*2-3^4*5*(678-9)$
-251411	G	$-1+2+(3^4*5-6)*(7-89)$	-271876	G	$-1-(2+3)^4(4-(5-6))*(78+9)$
-251414	G	$-1*2+(3^4*5-6)*(7-89)$	-272283	G	$(1*2+3^4*5)*(-678+9)$
-251417	G	$(-1*2*(3^4+5^6+7))^*8-9$	-272952	G	$(1+2+3^4*5)*(-678+9)$
-251859	G	$-1-2+(-3^4)^5-6*7*8*9$	-273224	G	$1+(2-3^4*5)*678+9$
-252573	G	$-1-2-(3^4)^5-6*7*89$	-273226	G	$-1+(2-3^4*5)*678+9$
-253047	G	$-1-2-(3^4)^5-6*78*9$	-273618	P	$(-1*2*3^4)*-(5^6*7*8-9)$
-253114	G	$1*2-3^4*5^4(6+7-8)+9$	-274079	G	$1-(2^4(3^4)-5)*67+8+9$
-253215	G	$1-(2-3*(4^5+6))*(7-89)$	-274095	G	$1-(2^4(3^4)-5)*67-8+9$
-253651	P	$(-1*2^3)^4+5*(6+7*8)-9$	-274422	G	$1-2^4(3^4)*(5+6+7*8)+9$
-253659	G	$-1-2-(3^4)^5-67*8*9$	-274505	G	$-1-2^4(3+4+5)*67-8*9$
-253839	P	$(-1-(2*3)^4-5^6)*(-7-8)-9$	-274578	G	$1+2-3^4*5*678+9$
-253855	G	$1-2-3^4*(5^4(6+7-8)+9)$	-274611	P	$(-1+2^4(3^4)+5)*67+89$
-253857	G	$(1+2-3^4*56)*7*8-9$	-274728	G	$-1-(-2-3)/4^4-5-6^7+89$
-253895	G	$(1*2-3^4*56)*7*8+9$	-274783	G	$1-(2^4(3^4)+5)*67-8-9$
-253913	G	$(1*2-3^4*56)*7*8-9$	-274785	G	$-1-(2^4(3^4)+5)*67-8-9$
-254009	G	$1*(2-3^4*56*7)*8-9$	-274834	P	$(-(-1-2^4(3^4)+5)*67/(8-9))$
-254022	G	$1-(2+3^4*56*7)*8+9$	-275418	G	$-1-(23^4-5^6*(7+8*9))$
-254027	G	$-1*2-3^4*56*7*8-9$	-275496	G	$(1-2*3^4(4+5)+6)*7+8+9$

-275812	G	$-1-(2+3*(4^5+6)+7)*89$	-291526	G	$-1-(2/-3+4+5)*(6^7/8-9)$
-275937	G	$-1*(2+3^4*5)*678+9$	-291595	G	$-1-2-3*(-4+5^6)*7*8/9$
-275938	G	$-1-(2+3^4*5)*678+9$	-291597	G	$1+2-3^4*(56*7+8)*9$
-276272	G	$-1-23^4-5*6*-7*(8+9)$	-292993	G	$-1+(2-3*(4^5-6))*(7+89)$
-276302	G	$-1-(23^4-5*(6+78*9))$	-294516	P	$(-1*2*3^4)*-(5*6*-7+8)*9$
-276483	G	$-1-2+3*4^5*(6-(7+89))$	-294542	G	$1+(2^4(3^4)-5)*(6-78)+9$
-276602	G	$-1-(23^4+5*(6-78)*9)$	-294934	G	$1-23-4^4(5-6+7)*8*9$
-277806	P	$-1+(2*3(3-4^5)+6^7)+89$	-294971	G	$-1-(2+3^4*56)*(7*8+9)$
-278432	G	$-1-23^4+5*6*(7*8-9)$	-295348	G	$-1-(23^4+5^6-7*(8+9))$
-278498	G	$-1-(23^4-56*(7+8+9))$	-295586	G	$-1-23^4-5^6-7*(8+9)$
-278552	G	$-1-23-4^4((-5+6)*7)*(8+9)$	-295602	G	$-1-23^4-(5^6+(7+8)*9)$
-278725	G	$-1+(2*3)^4+5-(6^7)-89$	-295650	P	$(1+2+3^4(-4-5+6))*(-7-8)*9$
-278932	G	$(1-2)*(3-4^5)-(6^7+8)-9$	-296253	P	$-(1+(23-4)*5^6)+7*89$
-279147	G	$-1-(23^4-5*(6+78*9))$	-296780	G	$-1+(-23+4)/5^6-6+7+89$
-279374	G	$-1-2-(3/4^5+67)*89$	-296789	G	$-1+(-23+4)/5^6-6+7+89$
-280415	G	$(1+2-3^4)*5-6^7-89$	-299691	G	$(1-2)*(3^4(4+5)+6^7)-8*9$
-280675	G	$-1-23^4-(56-7)*(8+9)$	-300505	G	$(1*2)^4(3^4)*-5-6^7-89$
-280725	P	$-1*(2*3)^4(-4-5+6)-789$	-301807	G	$-1-2*3^4(-4+(5+6))*(78-9)$
-280818	P	$(1-23+4)*-(-5^6+7+8+9)$	-302149	G	$-1-2*((3+4)^5-6-(7+8))*9$
-281300	G	$-1+(2*3)^4+5-(6^7+8*9)$	-306182	G	$-1*2-3^4*5*(6+78)*9$
-281317	P	$1+2*(-34+5^6/((-7+8)/9))$	-306194	P	$-(1+23*-4^5*(-6-7)+8)-9$
-281792	G	$-1-23^4+5*6*(7-8*9)$	-306370	P	$-(1+23*(4^5*(6+7)+8))-9$
-281890	P	$-(1-2*(3-4^5)+6^7)+89$	-307692	G	$-1*(2+3^4*5)*(6+78)*9$
-281912	G	$-1-23^4-5*6*(78-9)$	-310880	P	$(1*2*(3^4-5^6))*(-7-8)+9$
-282452	G	$-1-23^4-5*6*(78+9)$	-311295	G	$1+2^4(3+4+5)*(6+7-89)$
-282497	G	$-1-(23^4+5*(67-8)*9)$	-312246	G	$-1-(-2-3)*(4*(-5^6+7+8)-9)$
-282722	G	$-1-23^4-5*6*(7+89)$	-312542	G	$-1*2*3-4*(5^6(6-7+8)+9)$
-282906	G	$(-1*(2*(3^4+5^6+7)+8))*9$	-312724	P	$-((1+2^3)^4*5+6^7)+8+9$
-283217	P	$-(1+23^4)-5*(67+8)*9$	-312758	P	$-((1+2^3)^4*5+6^7+8)-9$
-283322	P	$-(1+23^4)+5*(6-78*9)$	-313086	G	$-1-(-2-3)*(4*(-5^6-7)-89)$
-283482	P	$-(1+23^4)+56*(7-8*9)$	-313515	G	$(1*2*3^4-5-6^7/8)*9$
-283622	P	$-(1+23^4)-5*(6+78)*9$	-315374	G	$1-2^4(3^4)*5(6+78)+9$
-283716	G	$(-1*2*(3^4+5^6+7*8))*9$	-315647	P	$1+(2^4-(-3-4)*5+6^7)/-8*9$
-283836	G	$-1-2-(3^4)^5-6^7/8-9$	-316220	G	$-1-(2*3)^4+5+6^7/8-9$
-284091	G	$(1-2)*(3+456*7*89)$	-316341	G	$(1*2*3^4-5+6^7/8)*-9$
-284583	P	$-1-2+(-(3+4)^5+67)*(8+9)$	-317112	G	$1+2+3^4*5*(6-789)$
-285537	G	$-1-23^4-5*67*(8+9)$	-319792	G	$1-(23^4-5*6)/7*8-9$
-285571	G	$-1+((2-3^4*56)*7+8)*9$	-320356	G	$-1-(2^4(3^4)+5+6)*78-9$
-285627	P	$-(1+23^4)-5*(6+7)*89$	-321471	G	$-1-2-(3^4+5)*6*7*89$
-285678	G	$1*(2-3^4*56*7+8)*9$	-321972	G	$1+2-3^4*5*(6+789)$
-285739	G	$-1-2-((3+4)^5-6+7)*(8+9)$	-321976	G	$1-2-3^4*5*(6+789)$
-285822	G	$(1*2-3^4*56*7-8)*9$	-322770	G	$(1-2-3^4*5)*6(789)$
-285839	G	$-1+2-(3^4*56*7+8)*9$	-323565	G	$(1*2+3^4*5)*(-6-789)$
-285858	G	$-1*(2+3^4*56*7+8)*9$	-323866	G	$-1-(2^4(3^4)+56)*78-9$
-285943	G	$-1-(2+((3+4)^5+6+7)*(8+9))$	-324992	G	$-1-(2+3)^4*5*(6+7)*8+9$
-285965	G	$1-((2+3^4*56)*7+8)*9$	-325856	G	$1-(2+3^4*5+6)*789$
-286029	G	$((-1-2-3^4*56)*7-8)*9$	-326017	G	$-1-((2-3^4+5)/6^7(-7-8-9))$
-286420	P	$-((-1-(2*3)^4)*5-6^7)+8)+9$	-326070	G	$1*(2-(3^4*56-7)*8)*9$
-286430	G	$1+2-((3+4)^5+6*7)*(8+9)$	-326085	G	$1+2-(3^4*56-7)*8*9$
-286475	P	$-(1+2^3)^4+5-6^7+8+9$	-326106	G	$-1*(2+(3^4*56-7)*8)*9$
-286485	P	$-((1+2^3)^4+5+6^7)+8+9$	-326933	P	$-(1-2^3)^4*5+6^7/8-9$
-286501	P	$-((1+2^3)^4+5+6^7+8)+9$	-327078	G	$1*(2-(3^4*56+7)*8)*9$
-286503	P	$-((1+2^3)^4+5+6^7)+8-9$	-327095	G	$-1+2-(3^4*56+7)*8*9$
-286506	G	$-1-23^4-56*7*(8+9)$	-327097	G	$1-2-(3^4*56+7)*8*9$
-286519	P	$-((1+2^3)^4+5+6^7+8)-9$	-327114	G	$-1*(2+(3^4*56+7)*8)*9$
-286739	G	$-1+2-3^4*5*(6+78*9)$	-328193	P	$1-2-3*(-4-5^6)*7+8+9$
-286741	G	$1-2-3^4*5*(6+78*9)$	-328479	G	$-1-2-3*((4+5^6)*7+89)$
-287402	P	$-(1+23^4)-56*(7+8)*9$	-330976	P	$-(1+23)^4+5+6+789$
-288156	G	$-1*(2+3^4*5)*(6+78*9)$	-331084	P	$-(1+23)^4+5+6+78+9$
-288630	G	$-1-2+(3-4^5*6)*(7*8-9)$	-331102	P	$-(1+23)^4+5+6+78-9$
-288746	G	$-1+23-4^5*6*(7*8-9)$	-331154	P	$(1+(2+3)^4)*-(-5*(-6-7)*8+9)$
-288932	G	$(1*2-3^4*5*6)*7*(8+9)$	-331192	P	$-(1+23)^4+56+7+8+9$
-289137	G	$-1+(2-3^4*5*6*7)*(8+9)$	-331200	G	$-1*23*4*(56*7+8)*9$
-289168	G	$1*2-3^4*5*6*7*(8+9)$	-331210	P	$-(1+23)^4+56+7+8-9$
-289205	G	$-1-(2+3^4*5*6*7)*(8+9)$	-331335	G	$(-1+2*-3*(4^5*6-7)+8)*9$
-289408	G	$(1*2+3^4*5*6)*-7*(8+9)$	-331615	P	$-(1+23)^4+5+6+7+89$
-289926	G	$-1*(2+3^4*5+6)*78*9$	-331624	P	$-(1+23)^4+56+7+89$
-290598	G	$-1*(2+3^4*5)*6*7*(8+9)$	-331633	P	$-(1+23)^4+5+6+7+8+9$
-290717	G	$(1+(2+3^4*5)*6)*-7*(8+9)$	-331651	P	$-(1+23)^4+5+6+7-8+9$
-291300	G	$-1-(2+3*(4^5+67)*89)$	-331808	G	$-1-(-2+(3^4)^5/6+7)*8+9$

-332001	G	$(1+2*(3*(4^5*-6-7)+8))^*9$	-361440	G	$1*(2+3^4*(5-67))^*8*9$
-332011	G	$-1-((2+3)^4+5)^*(67*8-9)$	-361492	G	$-1+23*(4-5^6-7-89)$
-332110	G	$(-1*2-3)*((4+5)^6+7)/8-9$	-361582	G	$1*2+3^4*(5-67)^*8*9$
-332136	P	$-(1+23)^4-5*(-6+7)^*8*9$	-361586	G	$-1*2+3^4*(5-67)^*8*9$
-332180	G	$(-1*(2-3/4)*(5^6+7))^*(8+9)$	-361964	G	$-1-(-2-3^4)*(-56+7)^*89$
-332231	G	$1-(-2^3+4^5)^*(6*7*8-9)$	-362229	G	$1+2-(3^4+5)^*6*7*8*9$
-332298	P	$1*2^*- (3*(4^5*6+7)+8)^*9$	-362230	G	$1*2-(3^4+5)^*6*7*8*9$
-332303	P	$(-1-(-2+3)^4+5)^*67^*-8+9$	-362241	G	$(1-2-(3^4+5)^*6*7*8)^*9$
-332312	P	$-1-(-2+3)^4+5)^*67^*-8+9$	-364567	G	$-1*23-4^4(5-6+7)^*89$
-332554	P	$-(1+23)^4+5+6-789$	-366285	G	$-1-2+(3/4^4-5+6)^*-7*(8+9)$
-333175	G	$(-1*2/3^4*(-5^6+7))^*8+9$	-366592	G	$-1+(-23-4^4(5-6+7))^*89$
-333193	P	$(1*2/3^4*(-5^6+7))^*8-9$	-370876	G	$-1+23*(4-5^6-7*8*9)$
-333287	G	$(1*2/3^4*(-4^5*6+7))^*8+9$	-371088	P	$(-1+2^*-3^4+5^6)^*-(7+8+9)$
-333846	G	$(1+2-3^4(4+5)+6*7)^*(8+9)$	-371112	G	$(-1*2^*-3^4-5^6)^*(7+8+9)$
-334161	G	$(-1+((-2-3^4)^5+6+7)^*8)^*9$	-371331	G	$(1-2*3^4*5)^*(6*7*8-9)$
-334596	P	$(-1-(-2+3)^4+5)^*(6+7)^*(8+9)$	-371788	G	$(-1*2+3^4*5^6)^*(7-89)$
-334835	G	$-1-2-(3^4(4+5)+6+7)^*(8+9)$	-372600	P	$(-1*23^4)^*5*6^*-(-7-8)^*9$
-335151	G	$(1-((2+3^4)^5+6+7)^*8)^*9$	-373186	G	$-1+(2-(3-(4+5))^6+7)^*8-9$
-335379	G	$1+(2^4(3+4+5)-6)^*(7-89)$	-373279	G	$1*(2-((3-(4+5))^6+7))^*8+9$
-335830	G	$1-2-(3+4^5)^*(6*7*8-9)$	-374532	G	$(-1*2/3^4*(4/5^6-6-7))^*9$
-336346	G	$-1-(-23+4^5)^*6*7*8-9$	-374914	P	$(-1-23)^*- (4-5^6+7)-(-8+9)$
-336775	G	$-1+(2^4(3^4)+5+6)^*(7-89)$	-375070	G	$-1-2*3^4*5^6-7*8+9$
-337524	G	$1+2+3^4*(5-6*7*8)^*9$	-378888	P	$(-1*2^*-3^4+5^6)^*-(7+8+9)$
-337528	G	$1-2+3^4*(5-6*7*8)^*9$	-379063	G	$-1-2*(3^4*5^6*7*8-9)$
-338168	G	$1-(2/3+(4+5))^*(6^7/8-9)$	-379071	G	$(1*2*3^4)^*5^*-6*7*8+9$
-338342	G	$1-(2/3+(4+5))^*(6^7/8+9)$	-379083	G	$-1-2+(3-(4+5))^6*(7/8-9)$
-338556	G	$(1+2-3^4*(5+6*7))^*89$	-379088	G	$1-2*3^4*5^6*7*8-9$
-338734	G	$(-1+2-3^4*(5+6*7))^*89$	-379089	G	$(1*2*3^4)^*5^*-6*7*8-9$
-340765	G	$1*2+3^4*(5-6*7*8)^*9$	-379097	G	$1-2*(3^4*5^6*7*8+9)$
-340769	G	$-1*2+3^4*(5-6*7*8)^*9$	-379098	G	$-1*2*(3^4*5^6*7*8+9)$
-340770	G	$-1-2+3^4*(5-6*7*8)^*9$	-383048	G	$-1+(2+3^4*(5-6*7*8))$
-341069	G	$-1+2*(-3^4(4+5)+6)^*78/9$	-383050	G	$1-2+3^4*(5-6*7*8)$
-344814	G	$1+2-3^4*(5+6*7*8)^*9$	-383052	G	$-1-(2-3^4*(5-6*7*8))$
-344818	G	$1-2-3^4*(5+6*7*8)^*9$	-384400	P	$-1*(-(2+3)^4+5)^4(-6+7-8+9)$
-345687	G	$(1-2)^*345678-9$	-386521	P	$(-1-2^4(3^4)+5)/(6-7))^8+9$
-345754	G	$-1-(-2-3-4^5)^*6*7^*-8-9$	-388041	G	$-1+2*(-3^4(-4-(-5-6))^7)^*89$
-346744	G	$-1-(-2^3-4^5)^*6*7^*-8+9$	-389385	P	$(-1-(2+3)^4)^4(5^6/(7+8))-9$
-347319	G	$(1+2^3*(-4-5)^*67*8)^*9$	-390787	G	$-1*2*3^4-5^4((-6+7)/9)$
-349047	G	$(-1*2*(-3^4-4+5))^*6^7/8+9$	-392833	G	$-1-2^4(3+4)^*(5+6*7*8)^*9$
-351216	G	$(-1-23*(4^5-6))^*(7+8)+9$	-393793	G	$-1-(2^4(3+4+5)+6)^*(7+89)$
-352423	G	$-1-2*(3^4(4+5)-(6+7)^*8)^*9$	-394371	G	$(1+2-3^4*5^6)^*(78+9)$
-352477	P	$1-(-2+(3^4)^4-(-5-(6-7)))^*(8+9)$	-394458	G	$(1*2-3^4*5^6)^*(78+9)$
-352515	G	$-1-2-(3^4)^4(5+6-7)^*(8+9)$	-394631	G	$-1+2-3^4*5^6*(78+9)$
-352865	G	$1-((2+3)^4+5-6)^*(78-9)$	-394633	G	$1-2-3^4*5^6*(78+9)$
-352897	P	$(-1-(2-(3+4)^5)^*(6+7+8))+9$	-394712	P	$(-1*2^3)^4-(5/(6-7))^8+9$
-353016	G	$-1*(2*(3^4(4+5)-67)-8)^*9$	-394721	G	$-1*2^4(3^4)-5^4((-6+7)/9)$
-353258	G	$-1+23-4^5*(6*7*8+9)$	-394730	P	$(-1*2^4(3^4)+5)/(6-7))^8-9$
-353304	G	$-1-23-4^5*(6*7*8+9)$	-394805	G	$1-(2+3^4*5^6)^*(78+9)$
-353565	G	$(1+2-3^4*5^6)^*78+9$	-394806	G	$-1*(2+3^4*5^6)^*(78+9)$
-353642	G	$1+(2-3^4*5^6)^*78+9$	-395641	G	$(1-(2+3)^4-5)^*(6+7*89)$
-353643	G	$1*(2-3^4*5^6)^*78+9$	-396900	G	$-1*((2+3)^4+5)^4(-6+7-8+9)$
-353661	G	$1*(2-3^4*5^6)^*78-9$	-397177	P	$(-1+2^3)^4-(5/(6-7))^8+9$
-353701	P	$-1+(2*(-3^4-(-4-5)-6)+78)^*9$	-398259	G	$(1*2^3/4^4*(5^6-7))^*(8+9)$
-353814	G	$1+2-3^4*5^6*78-9$	-401746	G	$-1-(2+3)*((4^5+6)^*78+9)$
-353815	G	$1*2-3^4*5^6*78-9$	-404905	G	$1-23^4-(5^6+7)^*8-9$
-353829	P	$(-1-2^4(3^4)-5^4-6)^*-(-78-9)$	-406356	P	$(-1*2)+3*(-4-5^6)^*78/9$
-354534	G	$1+2-3^4*(5^6*78+9)$	-407125	G	$1-2-(3^4+5)^*6*7*89$
-355429	P	$-1+(2*(-3^4-(-4-5)-67)+8)^*9$	-407509	G	$1*2-3^4*(5^6-8)^*9$
-356167	G	$-1-2*(3^4(4+5)+(6+7)^*8)^*9$	-407705	G	$1-23^4*(5^6+7*8)/9$
-356355	G	$-1-(2+(3-(4-5))^6*(78+9))$	-408277	G	$1-23^4*(5^6+7*8)/9$
-357308	G	$1-(2^4(3^4)+5+6)^*(78+9)$	-411583	G	$-1-2*(3*(4^5*67-8)-9)$
-357398	G	$-1+23*(4-5^6-7+89)$	-413369	G	$-1-((2+3+4)^5+6)^*7+8+9$
-358186	G	$(1*2-3^4*5^6)^*(7+8*9)$	-413481	G	$(-1-(2+3+4)^5-6)^*7-89$
-358502	G	$-1*(2+3^4*5^6)^*(7+8*9)$	-413911	G	$1-2-(3^4*5^6-6)^*(7+8)^*9$
-359165	G	$-1-(-23*(4-5^6)-7*(8+9))$	-413913	G	$-1-2-(3^4*5^6-6)^*(7+8)^*9$
-359197	G	$(-1-2*3^4)^*(5^6+7)+8+9$	-416471	P	$(-1*(2/-3+4)^*-(-5^6+7))^*8+9$
-359215	G	$(-1-2*3^4)^*(5^6+7)+8-9$	-416489	P	$(-1*(2/-3+4)^*-(-5^6+7))^*8-9$
-359372	G	$1*23*(4-(5^6+7))^*8*9$	-417574	G	$-1-(-2-3^4)^*(5^6+7*8)^*9$
-360300	P	$1-2^4-(3-4+5)^*(6+7^8+9)$	-419173	G	$1*2-3^4*(5^6+7)^*9$
-360871	G	$-1+23*(4-5^6-7+8+9)$	-419837	P	$(-1*2-3^4*(5-6^7/8))+9$

-420467	G	$-1 - (23^4 - 5^6 / ((7-8)/9))$	-471171	G	$(-1 * 2 * (3^4 + 5^6)) * (7+8) + 9$
-421756	G	$(-1 * 23 - 4) * 5^6 + 7 * (8+9)$	-471189	G	$(-1 * 2 * (3^4 + 5^6)) * (7+8) - 9$
-422158	P	$-1 - ((-2 * 3)^4 + 5) * (-6 * 7 * 8 + 9)$	-471848	P	$-1 - ((-2 + 3 + 4)^5 + 67) * 8 + 9$
-423728	G	$-1 + 2 + (3 - 4^5 * 6) * (78 - 9)$	-472213	G	$1 + 2 - (34 * 5^6 - 7) * 8 / 9$
-423732	G	$-1 - 2 + (3 - 4^5 * 6) * (78 - 9)$	-472215	P	$-(1 - 2) - (34 * 5^6 - 7) * 8 / 9$
-424351	G	$-1 - (2 * 3 + 4^5 * 6) * (78 - 9)$	-472218	P	$-(1 * 2) - (34 * 5^6 - 7) * 8 / 9$
-425181	G	$-1 - 2 + (-3 - 4^5) * 6 * (78 - 9)$	-472463	G	$(1 - 2^3 * ((4+5)^(6+7-8)+9))$
-425454	G	$(1 - 23 - 4^5 * 6) * (78 - 9)$	-472539	G	$-1 - (2 + (3^4(4+5)+6) * (7+8+9))$
-426384	G	$(-1 * 2 * 3^4) * 56 * (7 * 8 - 9)$	-472945	G	$(-1 - (2 + 3 + 4)^5 - 67) * 8 - 9$
-426870	G	$(1 * 2 * 3^4) * 5 * (-67 * 8 + 9)$	-474075	P	$-1 + (2/3 + (4^5)^6 / (-7+8)) / 9$
-429526	G	$-1 - (-2 - 3^4) * (-567 - 8) * 9$	-476478	P	$(- (1+2) - 3) * ((4^5 - 6) * 78 + 9)$
-430110	G	$(-1 * 2 * 3^4) * 5 * (67 - 8) * 9$	-477448	G	$-1 - (23 - 4^5 * 6) * -78 - 9$
-431294	G	$(1 * 2) * (3^4 * 5 * 6 - 7) * -89$	-479998	P	$1 * 2 - 3 * (4 * 5)^{- (6+7)+8+9}$
-431917	G	$((-1 * 2 * 3^4) * 5 * 6 + 7) * 89$	-480761	G	$-1 - (2^{\wedge}(3^4) - 56) * 7 * (8+9)$
-432702	G	$(-1 * 2 * 3^4) * (5 * 67 * 8 - 9)$	-482095	P	$-1 + 2 * 3 * (- (4^5 + 6) * 78 - 9)$
-433004	G	$(1 - 2 + 3^{\wedge}(4+5)) * (67 - 89)$	-482595	G	$1 + 2 + 3^4 * (5 - 67 * 89)$
-434151	G	$(1 * 2 * 3^4) * 5 * -67 * 8 + 9$	-482599	G	$1 - 2 + 3^4 * (5 - 67 * 89)$
-434169	G	$(-1 * 2 * 3^4) * 5 * 67 * 8 - 9$	-483405	G	$1 + 2 - 3^4 * (5 + 67 * 89)$
-435618	G	$(-1 * 2 * 3^4) * - (5 * 67 * -8 - 9)$	-483409	G	$1 - 2 - 3^4 * (5 + 67 * 89)$
-437567	P	$-1 + 23 - 4 / 5^{\wedge} - 6 * 7 - 89$	-485140	G	$1 - 2 + (3 - 4^5 * 6) * (7 + 8 * 9)$
-437573	P	$-(1 + (23 + 4 / 5^{\wedge} - 6) * 7) + 89$	-485354	G	$-1 + 23 - 4^5 * 6 * (7 + 8 * 9)$
-437584	G	$1 * 2 + 3 - 4^5 * 6 * 7 - 89$	-485378	G	$-1 + 2 - 3 - 4^5 * 6 * (7 + 8 * 9)$
-441450	P	$(1 * 2 * 3^4) * 5 * - (67 * 8 + 9)$	-485400	G	$-1 - 23 - 4^5 * 6 * (7 + 8 * 9)$
-441577	P	$- (1 + 2) + ((-3 - 4^5) * 6 + 7) * -8 * 9$	-485587	G	$-1 - (2 * 3 - 4^5) * (-6 * 78 - 9)$
-441667	G	$-1 - (2^3 * 4^5 * 6 - 78) * 9$	-487020	G	$-1 - 2 + (3 - 4^5) * (6 * 78 + 9)$
-444169	G	$1 - 2 - ((3 + 4^5) * 6 + 7) * 8 * 9$	-488358	G	$((-1 * 2 * 3^4) * 5 * 67 + 8) * 9$
-446781	G	$-1 + (2 + 3^4 * (5 - 67)) * 89$	-488502	P	$- ((1 * 2 * 3^4) * 5 * 67 + 8) * 9$
-447852	G	$-1 - (-2 + 3^4) * (5678 - 9)$	-489078	P	$(-1 * 2 * 3^4) * - (5 - 6 * 7 * 8 * 9)$
-448844	P	$1 - (- (2 * 3)^4 - 5) * (6 * 7 * -8 - 9)$	-490698	G	$(-1 * 2 * 3^4) * (5 + 6 * 7 * 8 * 9)$
-449274	G	$-1 - (-2 + 3^4) * (5678 + 9)$	-493854	G	$1 + 2 + 3^4 * (5 - 678 * 9)$
-451054	G	$-1 - 23 * ((4 + 5 - 6)^{\wedge} 7 - 8) * 9$	-493855	G	$1 * 2 + 3^4 * (5 - 678 * 9)$
-452618	G	$-1 + 23 * (4 + (5 + (6 - 7) * 8)^{\wedge} 9)$	-494665	G	$1 * 2 - 3^4 * (5 + 678 * 9)$
-453185	G	$1 + 2 - (3^4 - 5) * 67 * 89$	-497120	P	$-(1 - 2 * (-3^4)^5 - 67 * 8) + 9$
-456792	G	$(1 - 2) * (3 + 456789)$	-497167	G	$-1 - (2 * (3^4)^5 + 6) - 7 * -8 * 9$
-456887	P	$-(1 - 23 - 4)^{\wedge} (5 + 6 - 7) + 89$	-497178	G	$(1 * 2 * 3^4) * (-5 - 6 * 7 * 8) * 9$
-458690	G	$1 - 2 - (3 + 4) * ((5 + (6 - 7))^{\wedge} 8 - 9)$	-497275	G	$-1 - 2 * (3^4) * (5 - 6 * (7 - 8 * 9))$
-458692	G	$-1 - 2 - (3 + 4) * ((5 + 6 - 7)^{\wedge} 8 - 9)$	-497442	G	$1 - 2 * (3^4)^5 + (-6 - 7) * (-8 - 9)$
-458974	G	$-1 - ((2 + 3) * (4^5 + 6) + 7) * 89$	-497534	P	$-1 + 2 * ((3 * -4)^5 + 6) - 7 * - (8 + 9)$
-459186	G	$1 + 2 - 3^4 * (5678 - 9)$	-499713	P	$- (-1 - 2^3 - 4 * (-5^6 + 7)) * 8 - 9$
-459190	G	$1 - 2 - 3^4 * (5678 - 9)$	-499950	P	$1 + (-23 - 4 * - (5^6 + 7)) * 8 + 9$
-459909	G	$(1 - 2) * (3^4 * 5678 - 9)$	-500089	G	$(-1 + 2) * (-3 - 4 / 5^{\wedge} - 6 - 7) * 8 - 9$
-459926	G	$-1 + 2 - 3^4 * 5678 - 9$	-500092	G	$-1 - (2 + ((3 + 4 / 5^{\wedge} - 6) + 7) * 8) - 9$
-459927	G	$(1 - 2) * (3^4 * 5678 + 9)$	-500182	G	$1 * 2 * 3 - 4 * ((5^6 + 7) * 8 - 9)$
-459928	G	$1 - 2 - 3^4 * 5678 - 9$	-500188	G	$(1 + 2 + (3 - 4 * (5^6 + 7))) * 8 + 9$
-459930	G	$-1 - 2 - 3^4 * 5678 - 9$	-500250	P	$-(1 + (23 + 4 / 5^{\wedge} - 6 + 7) * 8) - 9$
-460731	G	$-1 - 2 - (3 - (4 + 5))^{\wedge} 6 * (7 / 8 + 9)$	-500353	P	$-1 + 2^3 * - (-4 * (-5^6 + 7) + 8 * 9)$
-461244	G	$(1 + 2 - 3^4 * 5 * 67) * (8 + 9)$	-501553	G	$-1 - (23 / 4 + 5) * 6^{\wedge} (7 + 8 - 9)$
-461278	P	$(-1 - 2 + 3^4 * 5 * 67) * (8 + 9)$	-502335	P	$(-1 + (- (2 + 3)^4 + 5) * 6) * - (-7 - 8) * 9$
-461346	P	$-(1 + 2 + 3^4 * 5 * 67) * (8 + 9)$	-504057	G	$-1 - 2 + (3 + 4^5 * 6) * (7 - 89)$
-462434	G	$(1 - 2 - 3^4 * 5) * 67 * (8 + 9)$	-504135	G	$1 + (2 / 3 + 4^5) * 6 * (7 - 89)$
-463573	G	$(1 * 2 + 3^4 * 5) * -67 * (8 + 9)$	-504427	G	$-1 - 2 - 34 * (5^6 - 789)$
-463755	G	$-1 - (2 + (3^4 - 5) * 678 * 9)$	-506574	G	$(-1 * 2 * 3^4) * (56 * 7 * 8 - 9)$
-466311	P	$(-1 * 2 * - (3^4 - 5^6)) * (7 + 8) + 9$	-506781	P	$(-1 - (-2 - 3)^4 * 5) * - (6 * (7 + 8) + 9)$
-466329	P	$(-1 * 2 * (3^4 - 5^6)) * - (7 + 8) - 9$	-507708	G	$(-1 * 2) * 3^4 * (5^{\wedge} (6 + 7 - 8) + 9)$
-468048	G	$(((1 * 2) / 3 - 4) * 5^6 + 78) * 9$	-510202	G	$-1 - (-2 - 3^4) * (-5 - 678) * 9$
-468246	G	$(1 * (2/3 - 4) * 5^6 + 7 * 8) * 9$	-511848	G	$-1 + (2 * 3^{\wedge}(4+5) * (-6 - 7) - 89)$
-468300	G	$(1 * (2/3 - 4) * (5^6 - (7 + 8))) * 9$	-512232	G	$(1 + 2/3 - 4^5 + 6) * (7 * 8 * 9)$
-468468	P	$(-1 * (2 / -3 + 4) * - (5^6 + 7) + 8) * 9$	-512819	G	$1 - 2 - (3^4 + 5) * 67 * 89$
-468672	P	$-1 * 2 * 3 * (- (4 - 5^{\wedge}(6 - (7 - 8))) - 9)$	-512859	G	$-1 - 2 + (3 - (4^5 - 6) * 7) * 8 * 9$
-468784	G	$-1 * 2 * (3 * (4 - 5 + 6)^{\wedge} 7 + 8 + 9)$	-512904	G	$(1 - 2/3 - 4^5 + 6) * (7 * 8 * 9)$
-468790	P	$-(1 + 2 * 3 * ((4 - (5 - 6))^{\wedge} 7 + 8)) + 9$	-513912	G	$(-1 - 2/3 - 4^5 + 6) * 7 * 8 * 9$
-468828	P	$1 * 2 * 3 * (- (4 + 5^{\wedge}(6 - (7 - 8))) - 9)$	-514587	G	$-1 - 2 + (-3 - 4^5 + 6) * 7 * 8 * 9$
-469200	G	$(1 * (2/3 - 4) * (5^6 + 7 + 8)) * 9$	-518907	G	$-1 - 2 + (3 - (4^5 + 6) * 7) * 8 * 9$
-469254	G	$(1 * (2/3 - 4) * 5^6 - 7 * 8) * 9$	-519456	G	$(1 * 2/3 + 4^5 + 6) * 7 * -8 * 9$
-469452	P	$(-1 * (2 / -3 + 4) * 5^6 + 78) * 9$	-519713	G	$1 - (23^4 + 5) * (6/7 - (8 - 9))$
-469477	G	$-1 - ((2/3)^{\wedge} - 4 + 5) * 6^{\wedge} (7 + 8 - 9)$	-519960	G	$(1 + 2/3 + 4^5 + 6) * 7 * -8 * 9$
-469994	G	$-1 + 23 - 4^5 * (6 * 78 - 9)$	-520633	G	$1 - 2 + (-3 - (4^5 + 6)) * 7 * 8 * 9$
-470040	G	$-1 - 23 - 4^5 * (6 * 78 - 9)$	-520635	G	$-1 - 2 + (-3 - (4^5 + 6)) * 7 * 8 * 9$
-470430	G	$(1 * (2/3 - 4) * (5^6 + 7 * 8)) * 9$	-523502	G	$-1 - 2 + 3 * (4^{\wedge}(5 + 6) - 7^{\wedge} 8) / 9$
-471090	G	$(1 * (2/3 - 4) * (5^6 + 78)) * 9$	-524075	G	$-1 - 2 + (3 - 4) / ((5 + 6) / (7^{\wedge} 8 - 9))$

-524393	G	$-1-2^3*(4+(5+6-7)^8+9)$	-559184	G	$(1*2)*((345-6^7)+8-9)$
-524775	G	$-1-(2+(3^4+5)*678*9)$	-559217	G	$-1+2*(345-6^7-8-9)$
-528258	G	$(-1*2*(3^4-5^6+7))*(-8-9)$	-559550	G	$-1-(-2*(34^5-6^7)+8+9)$
-528377	P	$(-1*2*(-3^4-5^6)+7)*(8+9)$	-559622	G	$((1*23)^4/5-6)*(7-8-9)$
-528615	P	$(-1*2*(3^4-5^6)+7)*(-8+9)$	-560461	G	$1*23-4*(5^6-7*8)*9$
-528682	G	$-1-2-(3^4)^5-(6^7-89)$	-560480	G	$-1+2+3-4*(5^6-7*8)*9$
-528699	G	$-1-2+(-3^4)^5-6^7-8*-9$	-560483	G	$-1*2+3-4*(5^6-7*8)*9$
-528754	G	$-1-2+(-3^4)^5-6^7+8+9$	-560506	G	$1-23-4*(5^6-7*8)*9$
-528772	G	$-1-2+(-3^4)^5-6^7+8-9$	-560546	P	$-(1+2*(345+6^7)-8)+9$
-528786	G	$1-2-(3^4)^5-6^7-(8+9)$	-560564	G	$-1*2*(345+6^7-8+9)$
-528788	G	$-1-2-(3^4)^5-6^7-(8+9)$	-560580	P	$-(1+2*(345+6^7))-8-9$
-528843	G	$-1-2+(-3^4)^5-6^7+8*-9$	-561790	G	$-1-(2-3+4*5^6-78)*9$
-528860	G	$-1-2-(3^4)^5-(6^7)-89$	-562382	G	$1-(23-4*(-5^6+7)-8)*9$
-530729	G	$1*2-34*(5^6-(7+8))+9$	-564493	G	$1*23-4*(5^6+7*8)*9$
-530834	G	$-1-((2*3^4)^5+6)/(7+8)+9$	-564512	G	$-1+2+3-4*(5^6+7*8)*9$
-530870	P	$(-1*2)*(-3+(4-5^6+7)*(8+9))$	-564538	G	$1-23-4*(5^6+7*8)*9$
-531027	P	$1*2-34*(-5^6+7)-8-9$	-565285	G	$1*23-4*(5^6+78)*9$
-531032	G	$-1-(2-34*(-5^6+7)+8+9)$	-565323	P	$-(1-2/-3-4*(-5^6-78))*9$
-531593	G	$-1-2-34*(5^6-(7-8)+9)$	-565330	G	$1-23-4*(5^6+78)*9$
-531777	P	$(-1*2*(-3^4-5^6)+7)*(-8+9)$	-571354	P	$-1-(2*(-(3+4)^5+6)-7)*(-8-9)$
-531865	G	$-1-(2+3^4)*(5+67)*89$	-571370	P	$(1-2*(-(3+4)^5+6)+7)*(-8+9)$
-531913	G	$(-1-2*(3^4+(5^6+7)))*(8+9)$	-580266	G	$(-1*(2^4-3+4)*(5^6+7)+8)*9$
-532286	P	$1-(2*(-34-5^6)+7)*(-8+9)$	-580410	P	$(-1*(2^4-3+4)*(5^6+7))-8)*9$
-533766	P	$(-1*2*(3^4-(-5^6+7)))*(-8-9)$	-583063	P	$(-1*(2/3+4)*(-5^6+7))*8+9$
-533885	P	$(1*2*(-3^4+5^6)+7)*(8+9)$	-583081	P	$(-1*(2/3+4)*(-5^6+7))*8-9$
-534123	G	$(-1*(2*(3^4+5^6)+7))*(8+9)$	-583855	G	$1-2-(3^4+5)*6789$
-534242	G	$(-1*2*(3^4+5^6+7))*(8+9)$	-589539	G	$-1-2+(-3+4^5*6)*(-7-89)$
-534266	G	$-1+2+(-3+4^5*6)*(-78-9)$	-590493	G	$-1-2-3^4(4+5)*(6+7+8+9)$
-534270	G	$-1-2+(-3+4^5*6)*(-78-9)$	-591555	G	$-1-2+(-3-4^5)*-6*(-7-89)$
-534506	G	$-1+23-4^5*6*(78+9)$	-599264	P	$-(1+2*(3^4(4+5)+6^7+8))-9$
-534537	G	$-1-2^3-4^5*6*(78+9)$	-599310	G	$-1*2*(3^4(4+5)+6^7)-8*9$
-534552	G	$-1-23-4^5*6*(78+9)$	-599882	G	$-1-((2*3+4)^5*6-7*(8+9))$
-536097	G	$-1-2+(-3-4^5)*-6*(-78-9)$	-600040	G	$-1+(2*3)^4*(5-6*78)+9$
-536575	G	$1-2^(3+4+5)*(6*7+89)$	-604746	G	$(1*2*3^4)*(5-6*7*89)$
-536727	G	$-1-(2+3^4)*(5+6789)$	-606366	G	$(-1*2*3^4)*(5+6*7*89)$
-537950	G	$-1-(2-3^4)^5-6-7*(8+9)$	-606536	G	$1-(2*3)^4(4-(5-6))*78-9$
-539626	G	$-1+23-4^5*(67*8-9)$	-610416	G	$(-1*2*3^4+5)*6^7/(8*9)$
-539672	G	$-1-23-4^5*(67*8-9)$	-617608	G	$-1+(-23-(4^5*67-8))*9$
-539750	G	$(1*2-3^4*56*7)*(8+9)$	-628308	G	$(1*2*(3^4+5-6^7/8))*9$
-539818	P	$(-1*2+3^4*56*7)*(8+9)$	-631224	G	$(-1*2*(3^4(4-5-6^7/8)))*9$
-539835	P	$-(1+2+3^4*56*7)*(8+9)$	-631803	G	$1*2+3+4^5*(6-7*89)$
-541232	G	$-1-2-(3+4^5)*(67*8-9)$	-631832	G	$-1-(23-4^5*(6-7*89))$
-541664	G	$1+2-(3+4/(5^6-6/78))/9$	-633567	G	$(1-2*3^4*5+6)*789$
-541666	G	$-1+2-(3+4/(5^6-6/78))/9$	-633662	P	$-1-2+(-3-4^5)*(-6-7*89)$
-541668	G	$1-2-(3+4/(5^6-6/78))/9$	-636086	G	$-1-2-(3+4^5-6)*7*89$
-541670	G	$-1-2-(3+4/(5^6-6/78))/9$	-639822	G	$1-2+(3-4^5-6)*7*89$
-541890	G	$-1*2*3^4*5*(678-9)$	-641695	G	$1-2*3+(4^5+6)*-7*89$
-545094	G	$((1*(2^4-3-4)*(5^6+7))+8)*9$	-642212	G	$-1-2+(3-4^5)*(6+7*89)$
-545238	P	$(-1*(2^4-3+4)*(5^6+7)+8)*9$	-642225	G	$-1-(2*3+(4^5+6)*7)*89$
-545340	G	$-1-(2+(-3-4^5)*(-67+8)*9)$	-642891	G	$-1-2+(-3-4^5-6)/7*8*9$
-546171	G	$-1+23-(4^5*6-7)*89$	-643155	G	$(1-2*3^4*5)*(6+789)$
-546199	G	$1*2^3-3-(4^5*6-7)*89$	-643950	P	$(1*2*3^4)*5*(-6+789)$
-546216	G	$-1*23-(4^5*6-7)*89$	-644113	G	$-1-(2*3)^4*(5-6*(7-89))$
-546804	G	$-1-(2+3)^4(-4+5+6)*7+8*9$	-645382	G	$(-1+23+4^5)*(6-7*89)$
-546857	G	$1-(2+3)^4(-4+5+6)*7+8+9$	-648649	G	$-1-(-23+4^5)*(-6+78)*9$
-546859	G	$-1-(2+3)^4(-4+5+6)*7+8+9$	-654481	G	$-1-(2*3)^4*(-5-(-6-7*8*9))$
-546963	G	$1-(2+3)^4(-4+5+6)*7-89$	-655620	G	$(-1*(2/3+4)*(5^6-(7+8)))*9$
-546965	G	$1+(-2-3)*((-4-5^6)*-7-8)+9$	-655746	G	$(-1*(2/3+4)*5^6+7*8)*9$
-547065	P	$(-1+(-2-3)*((-4-5^6)*7-8))-9$	-656028	P	$(-1*(2/3+4)*(-5^6+7)+8)*9$
-547722	G	$(-1*2)*3^4*(5*678-9)$	-656033	G	$1+2/3*((-4+5^6)*-7+8)*9$
-549171	G	$(-1*2*3^4)*5*678+9$	-656249	P	$1-(2/3+4)*5^6-(-7-8)*9$
-549189	G	$(-1*2*3^4)*5*678-9$	-656260	G	$1*2*(3*(4-5^6)*7-89)$
-550637	G	$1-2*3^4*(5*678+9)$	-656262	G	$-1*(2+(3+4)*5^6)*(7+8-9)$
-550638	G	$(1*2)*-3^4*(5*678+9)$	-656339	G	$(1-2*3*(4+5^6))*7+8*9$
-554811	G	$-1-(2*3-4^5)*(-67*8-9)$	-656465	G	$1-2/3*((-4-5^6)*-7+8)*9$
-556448	G	$-1-2+(3-4^5)*(67*8+9)$	-656754	G	$(-1*(2/3+4)*5^6-7*8)*9$
-556470	P	$(1*2*3^4)*5*(-678+9)$	-656880	G	$(-1*(2/3+4)*(5^6+7+8))*9$
-556471	G	$-1-2*3^4*5*(678+9)$	-658602	G	$(-1*(2/3+4)*(5^6+7*8))*9$
-557997	G	$-1+2*(3-(-4^5+6^7+89))$	-659526	G	$(-1*(2/3+4)*(5^6+78))*9$
-558743	G	$-1+2*(3^4-4^5-67)*89$	-661609	G	$1-2-(3-4^5)*(6-78)*9$

-661611	G	$-1 - (2 + (3 - 4^5)^* (6 - 78)^* 9)$	-734306	G	$1 + 2 * 34 - 5^6 * (7 * 8 - 9)$
-670467	G	$-1 - (23^4 + 5^4 * ((-6 + 78) / 9))$	-734347	G	$1 + 23 + 4 - 5^6 * (7 * 8 - 9)$
-671745	G	$-1 + 2 * (3 - (4 - 5))^6 * (7 - 89)$	-734355	G	$1 + 23 - 4 - 5^6 * (7 * 8 - 9)$
-675054	G	$(1 * 2 * 3^4)^* (5 - 6 * 78)^* 9$	-734360	G	$1 + 2 * (3 + 4) - 5^6 * (7 * 8 - 9)$
-675681	G	$-1 + 2^3 * (4^5 + 6)^* (7 - 89)$	-734383	G	$1 - 2 - 3 - 4 - 5^6 * (7 * 8 - 9)$
-679935	G	$1 - 2^4 * (3^4)^* ((-5 - 6)^* - 7 + 89)$	-734384	G	$(-1 - 234)^5 * (6 + 7 - 8) - 9$
-681534	G	$(1 * 2 * 3^4)^* (5 - 6 * 78^* 9)$	-734388	G	$1 - 2 * (3 + 4) - 5^6 * (7 * 8 - 9)$
-683052	G	$-1 - (2 - (3 - 4^5)^* (678 - 9))$	-734401	G	$1 - 23 - 4 - 5^6 * (7 * 8 - 9)$
-683154	G	$(-1 * 2 * 3^4)^* (5 + 6 * 78^* 9)$	-734442	G	$1 - 2 * 34 - 5^6 * (7 * 8 - 9)$
-683191	G	$1 - (-2 + 3^4 * (4^5 - 6)) / 7 + 89$	-734463	G	$(1 - 23)^4 * 4 - 5^6 * (7 * 8 - 9)$
-683193	G	$-1 - (-2 + 3^4 * (4^5 - 6)) / 7 + 89$	-734922	G	$-1 - (2 * 3)^4 * 567 - 89$
-683369	G	$1 - (-2 + 3^4 * (4^5 - 6)) / 7 - 89$	-734942	G	$-1 - 2 + (3^4 + 5^6)^* (-7 * 8 + 9)$
-683371	G	$-1 - (-2 + 3^4 * (4^5 - 6)) / 7 - 89$	-735976	G	$-1 - 2 + (-34 - 5^6)^* (7 * 8 - 9)$
-687802	G	$-1 + 2 * (3 - 4^5 * 6)^* 7 * 8 - 9$	-736290	G	$-1 * 2 * 3^4 * (567 * 8 + 9)$
-688070	G	$1 + 2 * (3 - 4^5 * 6^* 7)^* 8 + 9$	-741989	G	$(1 * 2 * 3^4 + 5^6)^* (-7 * 8 + 9)$
-688114	G	$-1 - 2 * (3 - 4^5 * 6^* 7 * 8) + 9$	-751690	P	$-1 - (2 / 34)^4 * (-5 - (6 - 7)^8)^* 9$
-688144	P	$-(1 + 2 * (3 - 4^5 * 6^* 7 * 8) - 9)$	-761562	G	$(-1 - 2)^3 * 3^4 * (5^4 * (6 + 7 - 8) + 9)$
-688456	G	$-1 + 2 * (-3 - 4^5 * 6)^* 7 * 8 + 9$	-767727	P	$-(1 + (2 + 3 + 4)^5 * (6 + 7)) - 89$
-689634	G	$(-1 * 2 * 3^4)^* (5 + 6 * 78)^* 9$	-776413	P	$1 - 2 + (-3 - 4^5)^* (-6 - 78)^* 9$
-692232	G	$1 - (-2 + 3^4 * (4^5 - 6)) / 7 + 89$	-776415	G	$-1 - 2 + (-3 - 4^5)^* (-6 - 78)^* - 9$
-693226	P	$1 - 2 + (-3 - 4^5)^* (-67 - 8)^* 9$	-777690	G	$-1 - (-2 * (-3^4)^5 + 6^7 + 89)$
-693228	G	$-1 - 2 + (-3 - 4^5)^* (-67 - 8)^* - 9$	-780678	G	$(1 * 2 * 3^4)^* (5 - 67 * 8^* 9)$
-696300	G	$-1 - 2 - (3 + 4^5)^* 678 + 9$	-780725	G	$1 * (2 - 3^4 * 567)^* (8 + 9)$
-698481	P	$-(-1 + (-23 + 4^5 - 6)^* 78)^* 9$	-781098	G	$-1 + 2 * (3^4 - 5^6 * (6 - 7)^8) - 9$
-699653	G	$-1 + 2^3 - 4^5 * (6^7 / 8 - 9)$	-781192	G	$-1 - 2 * (-34 + (5^6 * (6 - 7)^8)) - 9$
-700632	G	$(1 + 2 - 3^4 * (5 + 6))^* 789$	-781341	G	$-1 + (2 - 3^4)^* (5^4 * (6 - (7 - 8))) + 9$
-701428	G	$1 - 2 + (3 - 4^5)^* (678 + 9)$	-782335	G	$1 + -2^4 * (3^4)^* (56 - (-7 - 8)^* 9)$
-701430	G	$-1 - (2 - (3 - 4^5)^* (678 + 9))$	-786327	G	$-1 - 2 - 3^4 * ((5 + 6 - 7)^8 - 9)$
-702828	G	$(1 - 2 + 34 - 5^4 * (6 - 7 + 8))^* 9$	-786517	P	$(-1 - 2^4 - (3 - 4^5))^6 * (-7 + 8^* 9)$
-702957	G	$-1 - 2 - 3 * (-4 + 5^6)^* (7 + 8) - 9$	-788778	G	$(-1 * 2 * 3^4)^* (5 + 67 * 8)^* 9$
-702985	G	$-1 + (2 - 3^4 * (4 - 5^6))^* (-7 - 8) - 9$	-789263	G	$1 - 2 * 3^4 * 56^* (78 + 9)$
-703001	G	$-1 * 2 - 3^4 * (5 + 6)^* 789$	-789650	G	$-1 - 2 - ((3 + 4)^5 - 6)^* (7 * 8 - 9)$
-703243	G	$-1 - (2 + 3 + (4 - 5 + 6)^7 + 8)^* 9$	-791533	G	$-1 - (-23 - 4^5)^* (-6 - 78)^* 9$
-703317	G	$-1 - (2 - 3^4 * (-4 - 5^6)^* (7 + 8)) - 9$	-794524	G	$-1 + ((23 - 4^5) - 6)^* 789$
-703345	P	$-(1 + (2 + 3^4 * (4 + 5^6))^* (7 + 8)) - 9$	-796317	G	$-1 - (2 - 3^4 * ((4 - 5^6) + 7)^* (8 + 9))$
-703788	G	$(-1 - 2 - 3^4 * (5 + 6))^* 789$	-796725	G	$-1 - (2 - 3^4 * (-4 - 5^6 * 7)^* (8 + 9))$
-703881	P	$-(1 + 2 + 3^4 + 5^4 * (6 - (7 - 8)))^* 9$	-796793	P	$-1 - 2 + (3^4 * (-4 + 5^6) + 7)^* (-8 + 9)$
-703917	G	$((1 - 23)^4 * 4 - 5^4 * (6 - (7 - 8)))^* 9$	-801785	G	$1 + 2 * 3 + 4^5 * (6 - 789)$
-704224	G	$-1 + ((-2^4 - 3 - 4^5)^6 * 7 / 8 - 9)$	-804144	G	$-1 - (2 + (-3 - 4^5)^* (6 - 789))$
-704277	G	$-1 * (2^4 * (3 + 4) + 5^4 * (6 - 7 + 8))^* 9$	-808542	G	$-1 * 23 / 4^5 * (5^6 + 6^7 - 8)^* 9$
-705232	G	$-1 + (-234 - 5^4 * (6 - 7 + 8))^* 9$	-809028	P	$(1 * 23 / 4^5 - (5^6 + 7) - 8)^* 9$
-705645	G	$(1 * (2 - 3 - 4)^* (5^6 + 7 * 8))^* 9$	-811698	G	$-1 - (2 - (3 - 4^5)^* (6 + 789))$
-706158	G	$(-1 * 2 * 3^4)^* (56 * 78 - 9)$	-812703	P	$-1 + 2 / -3^4 * (-(-4 - 5^6)^* 78 - 9)$
-706555	P	$-1 - 2 - 3^4 * 5^5 * (-6 * 7 * 8 - 9)$	-815022	G	$(-1 * 2 * 3^4)^* (567 - 8)^* 9$
-706635	P	$-(-1 * (-2 + 3 + 4)^* (-5^6 - 78))^* 9$	-815031	G	$(-1 - 2 / (3^4 - 4 / (567 - 8)))^* 9$
-706726	G	$-1 - (-23 - 4^5)^* (-67 - 8)^* 9$	-819639	G	$1 - (2 / -34)^4 * (-5 - 6^7 * 8 - 9)$
-707598	G	$(-1 * 2)^* (3^4 * 56 * 78 - 9)$	-826542	G	$(-1 * 2 * (3^4 * 567 - 8))^* 9$
-707606	G	$1 - 2 * 3^4 * 56 * 78 + 9$	-831867	G	$1 + 2 - (3 + 4^5)^* 6^* (7 + 8)^* 9$
-707634	G	$(1 * 2)^* (3^4 * 56^* - 78 - 9)$	-836667	G	$-1 - 2 + 3^4 * (4^5 - 6^7) + 8^* 9$
-708016	P	$(-1 * 2 / 3^4 * (-5^6 + 7))^* (8 + 9)$	-836686	G	$1 - 2 + 3^4 * (4^5 - (6^7 - (8 + 9)))$
-708254	G	$(-1 * 2 / 3^4 * (4^5 * 6 - 7))^* (8 + 9)$	-836706	G	$-1 - 2 + 3^4 * (4^5 - 6^7 + 8) + 9$
-708591	G	$-1 - 2 - 3^4 * (4 + 5)^* 6^* (7 + 8 - 9)$	-836756	G	$-1 - 2 + (3^4 * (4^5 - 6^7) - 8 - 9)$
-709074	G	$-1 * 2 * 3^4 * (56 * 78 + 9)$	-836811	G	$-1 - 2 + 3^4 * (4^5 - 6^7) - 8^* 9$
-712513	P	$-1 + (2 + (-(-3 + 4^5) + 6)^* 78)^* 9$	-839409	G	$-1 - (2 - 3^4 * (45 - 6^7 + 89))$
-712699	G	$1 * 2 + 3 + 4^5 * (6 - 78^* 9)$	-839517	G	$-1 - (2 - 3^4 * (4 + 5 - 6^7 + 89))$
-712728	G	$-1 - (23 - 4^5 * (6 - 78^* 9))$	-839566	G	$1 * 2 - 3^4 * (4 + 5 + 6^7 - 89)$
-714430	G	$-1 - (-23 + (4^5 - 6)^* 78)^* 9$	-839623	G	$1 - 2 + 3^4 * (45 - 6^7 + (8 + 9))$
-714795	P	$-1 - 2 + (-3 - 4^5)^* (-6 - 78^* 9)$	-839625	G	$-1 - 2 + 3^4 * (45 - 6^7 + (8 + 9))$
-716745	G	$-1 - 2 + (-3 - 4^5 + 6)^* 78^* 9$	-839643	G	$-1 - (2 - 3^4 * (45 - 6^7 + 8)) + 9$
-720955	G	$1 - 2 + (3 - 4^5 - 6)^* 78^* 9$	-839998	G	$1 - 2 + 3^4 * (4 + (5 - 6^7 - 8^* 9))$
-722871	G	$-1 - 2 + (3 - 4^5)^* (6 + 78^* 9)$	-840028	G	$1 - 2 + 3^4 * (4 - (5 + 6^7 + 8^* 9))$
-723082	G	$1 - 23 - (4^5 + 6)^* 78^* 9$	-840091	P	$-1 - (-(-2 + 3) + 4)^* (5 + 6^7 + 89)$
-726761	G	$(1 * 2 * 3^4 - 5^6)^* (7 * 8 - 9)$	-840293	P	$-(1 - 23^4 * 5 + 6^7 * 8) - 9$
-728016	P	$(1 - 23^4 * 5)^* (-6 - 78^* 9)$	-842850	G	$-1 - 2 - 3^4 * (4^5 + 6^7 - 8) + 9$
-728997	G	$-1 - 2 + (-3 + 4^5)^* 6^* 7 * (-8 - 9)$	-842900	G	$-1 - (2 + 3^4 * (4^5 + 6^7) + 8) - 9$
-729623	G	$-1 + 2 * (-3 - 4^5 * (5 - (6 - 7)))^* 89$	-860142	G	$1 + 2^4 * (3^4)^* - 5^6 * 7 - (-8 - 9)$
-731088	G	$-1 - 2 + (3 - 4^5 * 6^* 7)^* (8 + 9)$	-860158	G	$1 + 2^4 * (3^4)^* - 5^6 * 7 - 8 + 9$
-733374	G	$-1 * 2 * 3^4 * (567 * 8 - 9)$	-860176	G	$1 + 2^4 * (3^4)^* - 5^6 * 7 - 8 - 9$
-734165	P	$-(1 - 23) + (4 - 5^6)^* (7 * 8 - 9)$	-865919	G	$(1 * 2 * 3^4 - 5^6)^* 7 * 8 + 9$
-734283	G	$1 * 23 * 4 - 5^6 * (7 * 8 - 9)$	-865937	G	$(1 * 2 * 3^4 - 5^6)^* 7 * 8 - 9$

-873127	G	$(-1+234-5^6*7)*8+9$	-1015032	G	$-1-2-(34-5)*(6^7/8+9)$
-873145	G	$(-1+234-5^6*7)*8-9$	-1015529	G	$(1+23)^4+5^6*(7-8^9)$
-874465	G	$(1*2^3*4-5^6*7)*8-9$	-1015532	G	$1+23^4-5^6*(7^8+9)$
-874844	G	$1-(-2+3+4)*(5^6*7/8+9)$	-1015533	G	$1*23^4-5^6*(7^8+9)$
-874912	G	$(1*2^3)*(4-5^6)*7-8-9$	-1015592	G	$1-2+34-5^6*(7^8+9)$
-875128	G	$(1-2^3*(4+5^6))*7+8+9$	-1015615	G	$1+2+3+4-5^6*(7^8+9)$
-875136	G	$1-2^3(3+4)-5^6*7*8-9$	-1015621	G	$1+2-3+4-5^6*(7^8+9)$
-875138	P	$(-1+2^3-(3-4/-5^6-6))*7-8+9$	-1015629	G	$1+2-3-4-5^6*(7^8+9)$
-875308	G	$-1-((2^3)^4-5^6)*678-9$	-1015633	G	$1-2-3-4-5^6*(7^8+9)$
-875561	G	$(1+(2-3^4-5^6)*7)*8-9$	-1015809	G	$-1-(2^3-3-4)/(5+6-7-8)^{-9}$
-876130	P	$-(1+((2+3)^4+5^6)*7^8)-9$	-1015863	P	$-1+23+(-4-5^6)^{-7-8^9}$
-876863	G	$(-1*234-5^6*7)*8+9$	-1015909	P	$-1-23+(-4-5^6)^{-7-8^9}$
-876881	G	$(-1*234-5^6*7)*8-9$	-1023946	G	$-1-(-2^3(3+4)-5^6)*(7-8^9)$
-880217	G	$(1+23^4+5^6)*7^8-9$	-1026155	G	$(-1*2^3*4-5^6)*(7^8+9)$
-883723	G	$-1+2^3(3+(4^5*6-7)*8^9)-9$	-1026199	G	$-1+2^3(-3+(-4^5+6)*7^8)^9$
-884063	G	$(-1*2^3*4-5^6)*7^8+9$	-1029758	G	$(1*(2^3-3-4)^5*(5^6+7))^8(8+9)$
-884081	G	$(-1*2^3*4-5^6)*7^8-9$	-1031250	G	$(-1*(2+3/4)^5*6)^7(8+9)$
-885020	P	$(-1*(2/-3+4)^{-5^6+7})^{-(8+9)}$	-1032090	G	$-1+(2-3/4^5-5^6)*7^8-9$
-885637	P	$-(1+((2+3+4)^5-6)^7(8+9))+9$	-1032222	G	$-1-2-3*(4^5*6*7^8+9)$
-890774	G	$-1-(2+(3+4)^5*6+7^8-9)$	-1037229	G	$1+2-(3+4)^5*6/7^8*9$
-905215	G	$1+2^3(3-(-4-5))^7(-6-7)^8(8+9)$	-1037235	G	$-1-2-(3+4)^5*6/7^8*9$
-906873	G	$1+2-((3-4)^5-6-78)^9$	-1038235	G	$-1+2^3(3+(-4^5-6)*7^8*9)$
-917548	G	$-1-(2^3(3^4+5)+6)^7+8-9$	-1042046	G	$-1-(2+(3+4)^5*(6+7^8))-9$
-917625	P	$(-1*2^3(3-4^5)-6)^7*8^9$	-1047008	G	$-1+(2/3^4(4^5(5+6)-7^8)-9)$
-919819	G	$-1-2^3(3^4*5678-9)$	-1048661	G	$((1+-2-3)^4)^5-(6+7+8^9)$
-919827	G	$-1*2^3*4^5*5678+9$	-1058226	G	$(1+23)^4-(5^6-7)^8*9$
-919845	G	$-1*2^3*4^5*5678-9$	-1059472	G	$(1+23)^4-(5^6+7)^8*9$
-922590	G	$(-1*2^3*4^5)*5^6*7^8(8+9)$	-1061889	G	$-1-2^3*4^5(5^6+7-8)^9$
-925104	G	$-1-2+3^4(4+5)^6*(6^7-8+9)$	-1061980	G	$-1-(-234+5^6)^7(8-9)$
-927504	G	$(1*2^3(3^4-5))^6-678^9$	-1062078	G	$-1-2-(3+4^5(5^6-7))^8(8+9)$
-933143	G	$1+2^3*3^4(4-5^6(6^7+8))/9$	-1062373	G	$-1+2^3(3-(4+5)^6)-7^8-8^9$
-936191	G	$(-1*(2/3^4-4-5))^6*7^8*9$	-1062385	G	$-1-2^3(3+(4+5)^6)+7^8*9$
-937531	G	$1-23+4/(5^6-6/(-7-8))-9$	-1062419	G	$-1-2^3*4/5^6-6-7+8+9$
-938953	G	$-1-(2^3-3+4^5)*6^7(7+8-9)$	-1062473	G	$-1-2^3*4^5(5^6-7/(8+9))$
-941130	G	$-1+(2-(-3^4+5)^6+7)^8-9$	-1062496	G	$1-2^3(34^5*6+7)+8+9$
-941274	G	$-1-(2+(3^4-5)^6+7)^8-9$	-1062570	G	$-1-2^3*4/5^6-6-7+8+9$
-941540	G	$-1-(2+((3+4)^5+6)^7+8+9)$	-1062614	G	$-1+2^3*3-(4^5*6+7)^8(8+9)$
-941715	G	$-1-2+3^4(4^5-6^7/8^9)$	-1062624	G	$(1-2^3*(4^5*6+7)^8(8+9))$
-943572	G	$-1-2+3^4(4^5-6^7/8^9)$	-1062626	G	$-1-2^3*(4^5*6+7)^8(8+9)$
-944432	G	$(1*2^3)*(-34/5^6-6+7)^8/9$	-1062671	G	$1+2+(-3-(4^5*6+7))^8(8+9)$
-944934	G	$-1-2-3^4(4-(-5-6^7/8)^9)$	-1062763	G	$(-1+2-3)^4(4+5)^6+7^8(8+9)$
-957979	G	$-1+2^3((3-4^5*6)^7+8+9)$	-1065024	P	$-1*(2^3+4^5)^{-6-(7-(8-9))}$
-966816	G	$(-1*2^3*4^5)*(5+6^7*8+9)$	-1066947	G	$(1*2^3*4^5-5^6)*(78-9)$
-974097	G	$((1*2^3*4-5^6)*7+8)^9$	-1073091	G	$-1-2-(3+4^5)*6^7(7+8-9)$
-974241	P	$-((-1*2^3*4+5^6)*7+8)^9$	-1075782	G	$-1-(2-(34-5^6)^7(8-9))$
-981233	G	$1+2^3*4^5*(5-678)^9$	-1077645	G	$-1-(2+(-3-(4-5^6)))^7(8-9)$
-981235	G	$-1+2^3*4^5*(5-678)^9$	-1077858	G	$-1-(2^3-3-(4-5^6)^7(8-9))$
-981826	G	$-1-2+3^4(4^5-6)-7^8+9$	-1078121	G	$(1*2)^3*4-5^6*(78-9)$
-981840	G	$-1+2+3^4(4^5-6)-7^8-9$	-1078128	G	$-1-(2+(-3+4)^5*6^7(8-9))$
-981842	G	$1-2+3^4(4^5-6)-7^8-9$	-1078130	G	$(1-2)^3*4-5^6*(78-9)$
-981843	G	$-1+2+3^4(4^5-6)-7^8-9$	-1078197	G	$-1-(2-(3-4-5^6)^7(8-9))$
-982206	G	$(-1+234-5^6*7+8)^9$	-1078954	P	$1+2+(3^4+5^6)^{-7-8-9}$
-984243	G	$-1-(2+((-3+4-5^6)^{-7-8})^9)$	-1078956	P	$-1-2+(3^4+5^6)^{-7-8-9}$
-984261	G	$((1*2)/3+4-5^6*7+8)^9$	-1080453	G	$-1-(2-(3+4)^5*(6/7-8)^9)$
-984333	G	$((1*2)/3-4-5^6*7+8)^9$	-1081345	G	$-1+(2^3-3+4)^5*(5+6-7-8)^9$
-984345	P	$-((1*2)/3+4+5^6*7-8)^9$	-1082241	G	$-1-(23^4(4+5-6)-7)^8*9$
-984405	G	$((1*2)/3+4-5^6*7-8)^9$	-1083333	G	$1-2^3(3+4/(5^6-6/78))/9$
-984477	G	$((1*2)/3-4-5^6*7-8)^9$	-1089303	G	$(-1*2^3*4-5^6)^7(8-9)$
-984513	G	$-1-(2-((3-4-5^6)*7-8)^9)$	-1091675	G	$-1+2^3((-3+4^5)*6+7)^8-9$
-984533	P	$(-1-23)+((-4-5^6)*7+8)^9$	-1092848	G	$-1-2+((3+4)^5+6)^7(7-8^9)$
-986409	G	$(-1*234-5^6*7+8)^9$	-1093635	G	$-1-2-3/(4^5(-5+6-7)/8+9)$
-994509	G	$((-1*2^3*4-5^6)*7+8)^9$	-1093661	G	$(1*(2-3^4)*5^6)*7+8+9$
-994653	P	$-((1*2/3^4-4+5^6)*7+8)^9$	-1093678	G	$(1*(2-3^4)*5^6)*7+8+9$
-995303	G	$1*(2+3+4^5*(5-6^7*8/9))$	-1093839	G	$(1*(2-3^4)*5^6)*7-8+9$
-995814	G	$(-1*2^3*4^5)*(5+678)^9$	-1094873	G	$-1+2^3(3-(4^5*6+7)^8*9)$
-1000322	G	$-1-(2^3*3^4(-4-5^6)+7)^8-9$	-1096194	G	$(1*(2^3-3-4)^5*(5^6+7))^8(8+9)$
-1001409	G	$1*23^4+5^6*(7-8+9)$	-1101239	P	$1-(-2+3^4(-4-5+6))^7*8^9$
-1005095	G	$(-1*2^3*4+5^6)^7(7-8^9)$	-1102071	P	$(-1+2+3^4(4+5)+6)^7*8+9$
-1008423	G	$-1-2+(3+4)^5*6^7(7-8-9)$	-1102245	G	$1+2-3^4(-4+5+6)^7*8^9$
-1014848	G	$-1-2+(3^4-5^6)*7^8+9$	-1102251	G	$-1-2-3^4(-4+5+6)^7*8^9$

-1103255	P	$1+(-2-3^{\wedge}(-(-4-5)+6))^*7*8*9$	-1220159	G	$1*23^{\wedge}4-5^{\wedge}6*(7+89)$
-1113840	G	$(1*2*3^{\wedge}4-5^{\wedge}6-7)^*8*9$	-1220357	P	$-(1*2)-3^{\wedge}(4+5)*(6+7*8)-9$
-1114028	P	$-1+(2+3-4^{\wedge}(-5-(6+7)))^*(8+9)$	-1220358	P	$-(1+2)-3^{\wedge}(4+5)*(6+7*8)-9$
-1119286	G	$-1*23^{\wedge}4*5+6^{\wedge}7-8-9$	-1220848	P	$-(1+(23+(4+5^{\wedge}6)))^*78)+9$
-1119357	G	$1+23^{\wedge}4*5+6^{\wedge}7-89$	-1220866	P	$-(1+(23+(4+5^{\wedge}6)))^*78)-9$
-1119403	G	$-1+2*3-4*(5+6^{\wedge}7-89)$	-1221550	P	$-(1+(2+(34+5^{\wedge}6)))^*78)+9$
-1120058	G	$-1-2-3-4*(5+6^{\wedge}7+8*9)$	-1221568	P	$-(1+(2+(34+5^{\wedge}6)))^*78)-9$
-1120089	P	$(-1-2)*3-4*(-5-6^{\wedge}7-89)$	-1221577	G	$(1*2*3^{\wedge}4-5^{\wedge}6)^*(7+8*9)$
-1120285	P	$-1+23^{\wedge}4-5*(-6^{\wedge}7-89)$	-1224660	G	$-1-2-(3+4)*(5*6^{\wedge}7/8-9)$
-1124563	G	$1-2*34-(5^{\wedge}6-7)^*8*9$	-1224712	G	$1-2+(-3-4)*5*6^{\wedge}7/8+9$
-1125291	G	$-1-(2-3^{\wedge}(-4-5^{\wedge}6))^*(7+8+9))$	-1225060	G	$1-2-(3^{\wedge}4+5^{\wedge}6)^*78+9$
-1125561	G	$-1-2+(3/4+5^{\wedge}6+7)^*-8*9$	-1230001	G	$-1-((2+3)^{\wedge}4-5^{\wedge}6)^*(7-89)$
-1125571	G	$1-2*34-(5^{\wedge}6+7)^*8*9$	-1231377	P	$-(-1*2*-3^{\wedge}4+5^{\wedge}6)^*78+9$
-1125738	G	$(1*2*3-4+(5^{\wedge}6+7))^*8)^*9$	-1231395	G	$(-1*2*3^{\wedge}4-5^{\wedge}6)^*78-9$
-1125912	G	$(1-2/-3+4+5^{\wedge}6+7)^*-8*9$	-1231692	G	$-1-2+(34-5^{\wedge}6)^*(7+8*9)$
-1126947	G	$-1-2+(-34-5^{\wedge}6+7)^*8*9$	-1233806	G	$-1+(-2+3^{\wedge}4)^*(-5^{\wedge}6+7)+8+9$
-1129002	G	$-1+23*((4^{\wedge}5*-6+7)^*8+9)$	-1233823	G	$1-2+(3+4-5^{\wedge}6)^*(7+8*9)$
-1130562	G	$1*2*(3-4*(5^{\wedge}6+78))^*9$	-1233825	G	$-1-2-(3+4-5^{\wedge}6)^*(7+8*9))$
-1133762	G	$1-(2*3^{\wedge}4+5)^*6789$	-1234037	G	$-1+23+(4-5^{\wedge}6)^*(7+8*9)$
-1150373	G	$-1*23^{\wedge}4*5+6^{\wedge}7*8/9$	-1234083	G	$-1-23+(4-5^{\wedge}6)^*(7+8*9)$
-1166288	G	$-1-2+(-3+4^{\wedge}5*67)^*(-8-9)$	-1234378	G	$-1-2-(-3+4)*5^{\wedge}6*(7+8*9)$
-1166314	G	$-1+23-4^{\wedge}5*67*(8+9)$	-1234407	G	$1*2-34-5^{\wedge}6*(7+8*9)$
-1166345	G	$-1-2*3-4^{\wedge}5*67*(8+9)$	-1235083	G	$-1+2*(3-(4^{\wedge}5*67+8)^*9)$
-1166360	G	$-1-2+4^{\wedge}5*67*(8+9)$	-1235326	G	$-1-(2+(3^{\wedge}4+5^{\wedge}6)^*(7+8*9))$
-1169756	G	$-1-2+(-3-4^{\wedge}5)^*-67*(-8-9)$	-1239028	P	$(-1*(2/3+4)^*(-5^{\wedge}6+7))^*(-8+9)$
-1171264	G	$(1-23)^{\wedge}4*-5+6-7+8+9$	-1240035	P	$-(1+(2-(3-4))^{\wedge}(5+6))^*7-(8-9)$
-1171266	G	$(1-23)^{\wedge}4*-5+6+7-8+9$	-1244080	G	$1-2+3^{\wedge}4-5*6^{\wedge}7*8/9$
-1171282	G	$(1-23)^{\wedge}4*-5+6-7+(8-9)$	-1244376	G	$((-1-2)/3^{\wedge}4-5*6^{\wedge}7)^*8/9$
-1171284	G	$(1-23)^{\wedge}4*-5+6+(7-8-9)$	-1247173	P	$(-1*2*-3^{\wedge}4+5^{\wedge}6)^*(-7+8*9)$
-1171298	G	$(1-23)^{\wedge}4*-5+6-7-(8+9)$	-1250058	P	$-(1+2*(3+(4-(5-6))^{\wedge}7))^*8)-9$
-1171322	G	$((1-23)^{\wedge}4*5+6*7)/(8-9)$	-1250551	G	$(-1*(2*3+4)^*(5^{\wedge}6+7))^*8+9$
-1179435	G	$-1-(2+3+(4/(5-6))^{\wedge}7)^*8*9$	-1250569	G	$(-1*(2*3+4)^*(5^{\wedge}6+7))^*8-9$
-1179740	G	$-1-2-((3/4)^{\wedge}5*6^{\wedge}7+89)$	-1259704	G	$1-2-3/4*(5-6+7)^{\wedge}8+9$
-1179963	G	$(-1-2^{\wedge}(3*4+5)-6*7+8)^*9$	-1264836	G	$(1-2)^*(3^{\wedge}4*5^{\wedge}6-789)$
-1180324	P	$-1-(2^{\wedge}-(3-4*5)+67+8)^*9$	-1264923	G	$(-1+2)*3^{\wedge}4*-5^{\wedge}6+78*9$
-1180359	P	$-((-1-2^{\wedge}-(3-4*5+6))+78)^*9$	-1265002	G	$(1-2)^*(3^{\wedge}4*5^{\wedge}6-7*89)$
-1180405	P	$-1-(2^{\wedge}-(3-4*5)+6+78)^*9$	-1265004	G	$-1*2-3^{\wedge}4*5^{\wedge}6+7*89$
-1184792	G	$-1-(23+4^{\wedge}5*(6+7)^*89)$	-1265121	P	$-(-1*(-(-2-3)+4)^*-5^{\wedge}6-7*8)^*9$
-1185832	P	$-(1-2+34)^{\wedge}(5+6-7)+89$	-1265560	P	$(-1+2)*-(3^{\wedge}4*5^{\wedge}6-7*8)+9$
-1186010	P	$-1-(2+34)^{\wedge}(5+6-7)-89$	-1265578	P	$(-1+2)*-(3^{\wedge}4*5^{\wedge}6-7*8)-9$
-1188240	P	$1-2+(-3-4^{\wedge}5)^*(-6-7)^*89$	-1265601	G	$(-1+2)/3^{\wedge}4*-5^{\wedge}6+7+8+9$
-1188242	G	$-1-2+(-3-4^{\wedge}5)^*(-6-7)^*-89$	-1265649	P	$-((-1+2)*3^{\wedge}4*5^{\wedge}6+7+8)-9$
-1189552	G	$-1-(2-34*(5-6^{\wedge}7/8))+9$	-1265651	G	$-1*2-3^{\wedge}4*5^{\wedge}6-7-8-9$
-1189659	G	$-1-(2-(3/4-5)*6^{\wedge}7)+8*9$	-1265670	G	$1*2-3^{\wedge}4*5^{\wedge}6-7*8+9$
-1189892	G	$-1-2-34*(5+6^{\wedge}7/8)+9$	-1265672	P	$(-1+2)*-(3^{\wedge}4*5^{\wedge}6+7*8)+9$
-1193300	G	$-1-2-(3+4)^{\wedge}5*(6-(7-8*9))$	-1265673	G	$1-2-3^{\wedge}4*5^{\wedge}6-7*8+9$
-1195701	G	$-1-(2-(3+4)^{\wedge}5*(6/7-8*9))$	-1265690	P	$(-1+2)*-(3^{\wedge}4*5^{\wedge}6+7*8+9)$
-1198083	G	$-1-2-3*4^{\wedge}5*-6*(7-8*9)$	-1265694	G	$(1-2)^*(3^{\wedge}4*5^{\wedge}6+78-9)$
-1212268	P	$-(1-(2+3^{\wedge}4-5^{\wedge}6)^*78)+9$	-1265707	P	$(-1+2)*-(3^{\wedge}4*5^{\wedge}6-7)-89$
-1212406	G	$1+2^{\wedge}(3*4)^*(5*6+7)^*-8+9$	-1265712	G	$(1-2)*3^{\wedge}4*5^{\wedge}6-78-9$
-1212424	G	$1-2+(3^{\wedge}4-5^{\wedge}6)^*78+9$	-1265721	G	$(1-2)/3^{\wedge}4-5^{\wedge}6-7-89$
-1214645	G	$1*2^{\wedge}(3*4)-(5^{\wedge}6*78-9)$	-1266129	G	$(-1+2)*3^{\wedge}4/-5^{\wedge}6+7*-8*9$
-1214663	G	$(1*2^{\wedge}3)^{\wedge}4-5^{\wedge}6*78-9$	-1266130	G	$1-2-3^{\wedge}4/5^{\wedge}6-7*8*9$
-1218198	G	$-1-(2-(3+(4-5^{\wedge}6)))^*78-9)$	-1266195	G	$-1-2-3^{\wedge}4/(5^{\wedge}6+7)^{\wedge}(8-9)$
-1218246	G	$((1+2-3^{\wedge}4)^*5^{\wedge}6+7*8*9)$	-1266248	G	$(-1+2)*3^{\wedge}4*-5^{\wedge}6-7*89$
-1218666	G	$1+23*4-5^{\wedge}6*78-9$	-1266250	G	$1*2-3^{\wedge}4*5^{\wedge}6-7*89$
-1218679	G	$1*2+(-3+4-5^{\wedge}6)^*78-9$	-1266327	G	$(1-2)^*(3^{\wedge}4*5^{\wedge}6+78*9)$
-1218756	G	$(1+2-3^{\wedge}4)^*5^{\wedge}6-7-8+9$	-1266329	G	$-1*2-3^{\wedge}4*5^{\wedge}6-78*9$
-1218774	G	$((1+2-3^{\wedge}4)^*5^{\wedge}6-7-8)-9$	-1266414	G	$(1-2)^*(3^{\wedge}4*5^{\wedge}6+789)$
-1218775	G	$(1-2)*34-5^{\wedge}6*78+9$	-1266415	G	$1-2-3^{\wedge}4*5^{\wedge}6-789$
-1218776	G	$1-2-34-5^{\wedge}6*78+9$	-1267966	G	$(-1*2*3^{\wedge}4+5^{\wedge}6)^*(7-89)$
-1218777	G	$1-23+4-5^{\wedge}6*78-9$	-1273338	P	$-(1+23*(4^{\wedge}5*6+7)+8)^*9$
-1218791	G	$(1*2)^{\wedge}3*-4-(5^{\wedge}6*78+9)$	-1277335	G	$-1-(2-(3+4)^{\wedge}5*(6+7-89))$
-1218808	G	$1-2*34-5^{\wedge}6*78+9$	-1279788	G	$-1-2+(3^{\wedge}(4+5)+6)^*(7-8*9)$
-1218826	G	$1-2*34-5^{\wedge}6*78-9$	-1279999	G	$1-2^{\wedge}3/(4*5)^{\wedge}(6+7-8-9)$
-1218886	G	$1-2^{\wedge}(3+4)-5^{\wedge}6*78-9$	-1280269	P	$-1-2+(3*4-5^{\wedge}6)^*(-7-89)$
-1219288	G	$1-2-((3+4+5^{\wedge}6)^*78-9)$	-1281182	G	$1*2*34+5^{\wedge}6*(7-89)$
-1219290	G	$-1-2-(3+(4+5^{\wedge}6))^*78+9$	-1281222	G	$1+23+4+5^{\wedge}6*(7-89)$
-1219385	G	$(1+2-3^{\wedge}4)^*(5^{\wedge}6+7)-89$	-1281236	G	$1*2+3*4+5^{\wedge}6*(7-89)$
-1219680	G	$-1-2-(3^{\wedge}4+5^{\wedge}6)^*78+9$	-1281255	G	$1*2-3-4+5^{\wedge}6*(7-89)$

-1281276	G	$1-23-4+5^6*(7-89)$	-1397706	P	$(1+2+3^4(4+5))*-(6+7*8+9)$
-1281285	G	$1-2-34+5^6*(7-89)$	-1398049	G	$-1-23^4*5+(6+7)*89$
-1281342	G	$-1*23^4+5^6*(7-89)$	-1398065	P	$1-23^4*5-67*-(8+9)$
-1281587	G	$-1-(2^3-(4+5^6))*(7-89))$	-1398066	G	$-1*23^4*5+67*(8+9)$
-1281602	G	$-1-(23+(-4-5^6))*(7-89))$	-1398067	G	$-1-23^4*5+67*(8+9)$
-1281827	G	$-1-(2-(3+(4+5^6)))*(7-89))$	-1398269	G	$(-1*23^4)*5+(-6-7)*-8^9$
-1284041	G	$-1-(2+(-34-5^6))*(7-89))$	-1398300	G	$-1+(2*3)^4-5*(6^7-(8+9))$
-1288057	G	$-1+(2+3^4+5^6)*(7-89)$	-1398380	G	$-1+(2*3)^4-5*(6^7+8-9)$
-1294534	G	$(1*2*3^4+5^6)*(7-89)$	-1398421	G	$1-23^4*5-(6-789)$
-1296371	G	$1*(-2-3^4)*5^6-7*-8^9$	-1398422	P	$-(1*23)^4*5-6+789$
-1296780	P	$-(1+(2+3^4)*5^6)+7+89$	-1398470	G	$-1+(2*3)^4-5*(6^7+8+9)$
-1296789	P	$-(1+(2+3^4)*5^6)+78+9$	-1398490	G	$1+-23^4*5-6*-7*(8+9)$
-1296922	G	$1*(-2-3^4)*5^6-7*8+9$	-1398508	G	$1-23^4*5-6+78^9$
-1296954	G	$1*(-2-3^4)*5^6-(7+8^9)$	-1398509	G	$(-1*23)^4*5-6+78^9$
-1296994	G	$1*(-2-3^4)*5^6-7*(8+9)$	-1398517	G	$1-23^4*5+678+9$
-1302076	G	$1-2/3*(4+5^6*(-6-(-7-8)))$ +9	-1398529	G	$1+-23^4*5-(-67-8)^9$
-1302096	G	$-1-(2/3*(4+5^6*(-6-(-7-8))))$ +9	-1398588	G	$-1*23^4*5-6+7*89$
-1310314	G	$-1+(2-(3+4)^5+6)*78+9$	-1398629	G	$-1*23^4*5+6*(7+89)$
-1310471	P	$-(1*2+((3+4)^5-6)*78)+9$	-1398712	G	$1+-23^4*5-6*(7-89)$
-1310490	P	$-1-(2+(-3+4)^5+6)*78-9$	-1398731	P	$(-1*23^4)*5-6*-(-7+8^9)$
-1310547	G	$(1-2-(3+4)^5+6)*78+9$	-1398791	P	$(-1*23^4)*5+6*-(-78+9)$
-1310661	G	$-1+(2^3(3^4+5)-6)*(7-(8+9))$	-1398815	P	$-(1*23)^4*5-6*(7-8^9)$
-1310703	G	$(-1-(2+(3+4)^5)+6)*78+9$	-1398860	G	$-1*23^4*5+6*7*8+9$
-1311580	G	$-1-(2+(3+4)^5+6)*78-9$	-1398898	G	$1+-23^4*5-6*(7+8)^9$
-1312510	P	$-((1-2-3*-4*5^6)*7+8)-9$	-1399002	G	$-1+234-5*(6^7-89)$
-1312516	G	$-1+2-3*4*5^6*7-8-9$	-1399092	G	$(1*23)^4*5-6*(6+7)*8+9$
-1312519	G	$-1*2-3*4*5^6*7-8-9$	-1399162	G	$1+(23^4*5-6*7)/(8-9)$
-1318693	G	$(-1+2-3^4(4+5))*67-8+9$	-1399256	G	$1-23^4*5+6*-78/9$
-1318711	G	$(-1+2-3^4(4+5))*67-8-9$	-1399362	G	$-1-23^4*5-67-89$
-1318917	G	$(1-2-3^4(4+5))*67-89$	-1399442	G	$-1+234-5*(6^7+8-9)$
-1319247	G	$(-1+(-23^4*5-6)*7)*8+9$	-1399452	P	$-1+234-5*(-6^7+8-9)$
-1327190	G	$(1*2+3)*((4-5^6)+7)*(8+9)$	-1399470	G	$-1-234-5*(6^7-89)$
-1327530	P	$(-1*(-2+3+4)*(-5^6+7))*-(8+9)$	-1399532	G	$-1*23^4*5-6*7*8+9$
-1327611	G	$-1-2+(3^4*5^6+7)*-8^9$	-1399874	P	$-(1*23)^4*5-678+9$
-1328149	G	$-1-(23+(4-(5-6))^7)*8+9$	-1399949	G	$-1+23^4-5*(6^7+8^9)$
-1328179	G	$-1-2-(3+(4-5+6))^7*(8+9)$	-1399964	G	$-1-234-5*(6^7+8)-9$
-1336247	G	$((1-2)*34^5(5+6-7)+89)$	-1399973	G	$-1+2*34-5*(6^7+8^9)$
-1336425	P	$-((1+2)*34)^5(5+6-7)-89$	-1400209	G	$-1-2-3^4-5*(6^7+89)$
-1339018	G	$-1-(-234+5^6)*78+9$	-1400226	G	$-1-(-2-3)*(-4*5-6^7-89)$
-1339400	G	$1-2^3(3^4)*5^6(7-8)-9$	-1400617	P	$-(1+(2*3)^4)-5*(6^7-8^9)$
-1339757	P	$-(1-2)-(3+4)^5*(6/7+8)^9$	-1400892	G	$-1-(2*3)^4-5*(6^7-(8+9))$
-1339759	G	$1-2-(3+4)^5*(6/7+8)^9$	-1400972	G	$-1-(2*3)^4-5*(6^7+8-9)$
-1343952	P	$(-1-23)*-(4^5*6-78)^9$	-1400982	G	$-1-(2*3)^4-5*(6^7-(8-9))$
-1344402	G	$-1-(2/3)^4(4-5)/6^7-7-8-9$	-1401062	G	$-1-(2*3)^4-5*(6^7+8+9)$
-1345281	G	$(1*2*3^4-5^6)*78+9$	-1401066	G	$-1-(2*3)^4-5*6^7-89$
-1356420	G	$-1-(2-(34-5^6)*78+9))$	-1401210	G	$(1*(2-3*4)*5^6(7*8))^9$
-1358767	P	$1-2+(-3-(4-5^6))*-(78+9)$	-1402009	P	$-1-(2^3)^4-5*6^7+8^9$
-1358769	G	$-1-(2+(-3-(4-5^6)))*78+9))$	-1402032	P	$-((1-2^3)^4-5*(-6^7+8))^9$
-1359036	G	$(-1-2)*3+(4-5^6)*78+9$	-1402050	P	$-((1-2^3)^4-5*(-6^7+8))-9$
-1359051	G	$-1-(23-(4-5^6)*78+9))$	-1402943	G	$-1*23^4*5-6*7*89$
-1359307	G	$1*2*34-5^6*(78+9)$	-1402944	G	$-1-23^4*5-6*7*89$
-1359465	G	$-1-(2-(3-4-5^6)*78+9))$	-1403417	P	$-(1+2^3(3^4))-5*(6^7-8^9)$
-1361665	P	$-1-(2*3)^4*(5^6/(-7-8))+9$	-1403826	G	$-1-2^3(3^4)-5*(6^7+8)-9$
-1364223	P	$-(1+23^4*5-6^7/8)-9$	-1404029	G	$-1*23^4*5-67*8^9$
-1365042	G	$-1-2-(34+5)*(6^7/8+9)$	-1404222	G	$-1-2^3(3^4)-5*(6^7+89)$
-1373469	G	$(-1*2*3^4-5^6)*78+9$	-1404900	G	$(1*(2-3*4)*5^6(7+8))^9$
-1374870	P	$1+23^4*-5+6/(-78+9))$	-1405620	G	$(-1*(-2+3/4)*(-5^6+7))^8*9$
-1376830	G	$1*(2*3^4-5^6-7)*89$	-1405666	P	$-((1*2)^3*4+5^6+7)*89$
-1384486	G	$-1-(2*(-3+4^5)*678+9)$	-1405746	G	$(1*(2-3*4)*5^6(7*8))^9$
-1385906	G	$1*2^3(3^4)-5^6(7)*89$	-1405917	G	$(1+2)^3(3-4)^5*(6^7-8-9)$
-1389840	G	$1*2*3^4-(5^6-7)*89$	-1406172	G	$1*2*(3+(4-5^6(6-(7-8))))^9$
-1389874	G	$1*2^3(3+4)-(5^6-7)*89$	-1406184	G	$-1*2*(3-(4-5^6(6-(7-8))))^9$
-1390012	G	$1*2-3^4-(5^6-7)*89$	-1406240	G	$(-1+(2+(3+4))^5+6)*7-(8+9))$
-1390163	G	$1-2*3^4-(5^6-7)*89$	-1406264	G	$(-1*2)^3*(3+4+5^6(6-7+8))^9$
-1391086	G	$1*2*3^4-(5^6+7)*89$	-1406316	G	$1*2*(3-(4+5^6(6-(7-8))))^9$
-1391120	G	$1*2^3(3+4)-(5^6+7)*89$	-1406328	G	$-1*2*(3+(4+5^6(6-(7-8))))^9$
-1391258	G	$1*2-3^4-(5^6+7)*89$	-1406754	P	$(-1*(2-3/4)*5^6(7-8))^8*9$
-1395468	G	$-1-23^4*5+6*7*89$	-1406863	G	$-1-2*(34+5^6(6-(7-8)))^9$
-1395634	G	$-1+2^3(3^4)-5*(6^7+8)-9$	-1406880	G	$(1*(-2-3)/4)^5(5^6+7))^8*9$
-1396030	G	$-1+2^3(3^4)-5*(6^7+89)$	-1407600	G	$(1*(2-3*4)*5^6(7+8))^9$

-1411290	G	$(-1*(2*3+4)*(5^6-7*-8))^*9$	-1503395	G	$1-(2+34^(5+6-7)/8)^*9$
-1413270	G	$(-1*(2*3+4)*(5^6+78))^*9$	-1510230	G	$1-2-(3+4)^5*(6/7+89)$
-1413300	G	$(1+2+(3+4)^5/6)*(-7*8*9)$	-1510441	G	$-1-(2-3*4^5)^*6*(7-89)$
-1414561	G	$1-2*(34-5)^{-6-7+8+9}$	-1511342	G	$(1-2+3*4^5*6)^*(7-89)$
-1414563	G	$-1-2*(34-5)^{-6-7+8+9}$	-1511427	G	$-1-2-3*4^5*6*(-7+89)$
-1417042	P	$-(1+(2-3^(4+5))^*(6-78))-9$	-1512644	G	$1*(2-3^4*5^6)^*7*89$
-1419512	P	$-(1*(2/34)^{-5-6*7*8})+9$	-1513713	G	$-1+(2-3^4*5^6*7)^*89$
-1419758	P	$-(1*(2/34)^{-5-6*(7+8)})+9$	-1513801	P	$-(1-2+3^4*5^6*7)^*89$
-1419888	G	$-1-((2/34)^{-5+6+7+8})-9$	-1514069	G	$-1-(2+3^4*5^6*7)^*89$
-1422003	G	$-1-2-(3^(4+5)+67)^*8*9$	-1515136	G	$-1*(2+3^4*5^6)^*7*89$
-1423538	P	$1-23^4*(5+6/-(-78+9))$	-1515552	G	$(-1*2*3^4-5^6)^*(7+89)$
-1428598	G	$-1-2-(3+4)^5*(6+7+8*9)$	-1517187	G	$-1-2+(3*-4)^5*(6-7/(-8*9))$
-1436673	G	$-1-23^4*(5^6+(7-8)^*9)$	-1531161	G	$(-1*(2+3*4)^5*6)^*7+89$
-1436858	G	$-1+23^4*(5^6+7)+8-9$	-1531178	G	$(-1*(2+3*4)^5*6)^*7+8*9$
-1436862	G	$-1-(2-3^(4+5))^*(6-(7+8*9)))$	-1531233	G	$(-1*(2+3*4)^5*6)^*7+8+9$
-1437419	G	$-1-23^4/5^{-6-7+8+9}$	-1531249	P	$(-1*(2+3*4)^5*6)^*7-8+9$
-1437570	G	$-1-23^4/5^{-6-7+8+9}$	-1531250	G	$(1*(2+3*4)^5*6)^*7*(8-9)$
-1437616	G	$-1+23*(-4*(5^6+7-8)-9)$	-1531251	G	$(-1*2*(3+4)^5*6)^*7+8-9$
-1437643	P	$1+23*(-4*5^6+7)+8+9$	-1531267	P	$(-1*(2+3*4)^5*6)^*7-8-9$
-1437724	P	$1-2-3*(4^5*6*-78-9)$	-1531322	G	$(-1*2*(3+4)^5*6)^*7-8*9$
-1437754	G	$-1+23*(-4*(5^6+7)+8+9)$	-1531339	G	$(-1*2*(3+4)/5^{-6})^*7-8-9$
-1441176	P	$-1+23-4^-(5+6)*(-7^8+9)$	-1535272	G	$1*2-3^-(4+5+6)^*7*8*9$
-1441222	P	$-1-23-4^-(5+6)*(-7^8+9)$	-1535276	P	$(-1*2)^-3^-(4-5+6)^*7*8*9$
-1445861	G	$-1*23^4*5^{-6*(7+8-9)}$	-1537380	G	$(1+2+3^-(4-5-6))^*7*8*-9$
-1461136	P	$(-1*2*(3^4-5^6))^*(-7*8-9)$	-1540104	G	$1-2^(3*4)^*(-5-6*7)^*-8-9$
-1461690	G	$-1-2-((3+4)^5-6)^*(78+9)$	-1545267	G	$-1-2+(-3/4^{-5+6})^*7*8*9$
-1461862	G	$-1-(2+(3+4)^5-6)^*(78+9)$	-1555434	G	$-1-(2+(3^4(4+5)+6)^*(7+8*9))$
-1464841	P	$1-2-3/4^-(5-(6+7-8)^9)$	-1555668	P	$(1+2+3^4(4+5)+6)^*(7+8*9)$
-1464843	G	$-1-(2-3/4*(5-(6-(7+8))^9))$	-1562533	G	$-1-23-4*(5/(6-7))^8-9$
-1469149	G	$-1-(23^4-5)^*6*7/8-9$	-1562560	G	$-1-23-4*((5/(6-7))^8+9)$
-1469289	G	$-1-2+(3-45)^*(6^7/8-9)$	-1578034	P	$(-1+23^4*5)^*6*7-8+9$
-1476364	G	$(-1*2*(3^4+5^6))^*(7*8-9)$	-1586131	P	$1+2-34^-(5-6^(7+8-9))$
-1477537	G	$-1-(23+5^6)^*(7+8+9)$	-1586135	P	$1-2-34^-(5-6^(7+8-9))$
-1479019	G	$-1-2-(3+4)^5*(6-7+8+9)$	-1593921	G	$-1-(2+3*((4+5)^6-(7+8)^9))$
-1481418	G	$1-2+(3+4)^5*(6/7-8+9)$	-1593969	G	$-1-(2+3*((4+5)^6-7*(8+9)))$
-1483317	G	$(1-(23^4*5-6)^*7+8)^*9$	-1594167	G	$-1-(2+3*((4+5)^6-7*8)+9)$
-1484448	G	$(1*2*3^4-5^6)^*(7+8+9)$	-1594203	G	$-1+2-3*(4+5)^6+7*(8+9)$
-1484547	G	$-1-(23-4)^*(5^6((6-7)+8)+9)$	-1594207	G	$-1-2-3*(4+5)^6+7*(8+9)$
-1492491	G	$-1-2-(3^4)^5*6-7*-8*9$	-1594521	G	$-1-(2+3*((4+5)^6-(7-8*9)))$
-1492885	G	$(-1*2*(3^4)^5)^*6+7*(8+9)$	-1594533	G	$-1-2-3*((4+5)^6+7+8+9)$
-1492930	G	$-1-2-(3^4)^5*6+7*8+9$	-1594551	G	$-1-(2+3*((4+5)^6+7+8)+9)$
-1492948	G	$-1-2-(3^4)^5*6+7*8-9$	-1594585	G	$1-2-3*((4+5)^6+7+8+9)$
-1493042	G	$-1-2-(3^4)^5*6-7*8+9$	-1594587	G	$-1-2-3*((4+5)^6+7+8+9)$
-1493499	G	$-1-2-(3^4)^5*6-7*8*9$	-1594612	G	$1-2-3*((4+5)^6+7+8+9)$
-1493784	G	$-1-2-(3^4)^5*6-789$	-1594614	G	$-1-2-3*((4+5)^6+7+8+9)$
-1494127	G	$-1-23*((4^5+6)^*7+8)^*9$	-1594683	G	$-1-2-3*((4+5)^6+7*(8+9))$
-1495680	P	$(1+2-3^(4+5))^*(6+7-8+9)$	-1594731	G	$-1-(2+3*((4+5)^6+(7+8)^9))$
-1496739	G	$-1-(2-(34-5^6)^*(7+8+9))$	-1605648	G	$1-2^(3*4)^*5*6*7-8-9$
-1498851	G	$-1-2+(3^4-5^6)^*(7+8+9)$	-1605650	G	$-1-2^(3*4)^*5*6*7-(8+9)$
-1499329	P	$1-2+(-3-(4-5^6))^*(7+8+9)$	-1609563	P	$-1*23/4*(5-(-6^7-8)+9))$
-1499331	G	$-1-(2+(-3-(4-5^6))^*(7+8+9))$	-1612899	P	$-1-2+(-(3+4)^5+6)^*(7+8+9)$
-1499338	G	$1-2-3*-4*(-5^6+7)^*8-9$	-1613089	G	$-1-(2+(3+4)^5*6)^*(7+8+9)$
-1499339	G	$-1*2-3*-4*(-5^6+7)^*8-9$	-1614201	G	$(1+2)^*(3-4^5)^*(6*7*8-9)$
-1499625	G	$-1-(2^3-(4-5^6)^*(7+8+9))$	-1614501	G	$-1-2+(3^(4+5)+6)^*(7-8+9)$
-1499631	G	$(-1-23)*(4/5^{-6-7-8})+9$	-1614663	G	$-1+((2+3^4(4+5)+6)^*(7-8+9))$
-1499820	G	$1+2-3*(-4*5^6+7)^*-8+9$	-1630170	G	$(1*(2-3*4^5)^*(6*7-8))^*9$
-1499821	G	$1*2-3*(-4*5^6+7)^*-8+9$	-1633491	P	$(-1-23)^4-5*(6^7-8+9)$
-1499908	G	$1*23^4-5^6*(7+8+9)$	-1638758	G	$-1-(2+3*(4^5*6-7))^*89$
-1499933	G	$1-2-(3^4*5^6-7)^*8+9$	-1640617	G	$1-2-(3+4)/(5^6-6/(7+8))+9$
-1499934	P	$(-1-(2-3*4)^5+6)^*(7+8)-9$	-1641073	G	$-1*2+(3*4^5*5^6-6)^*89$
-1499936	G	$1-2-(3^4*5^6-7)^*8+9$	-1642544	P	$1-23^(4+5-6)*(-7-8)^*9$
-1500045	G	$1*2-(3^4*5^6+7)^*8+9$	-1646620	G	$1-2-3*(4^5*6*7*8+9)$
-1500092	G	$-1*23^4-5^6*(7+8+9)$	-1647108	P	$(-1+2*(3-(4-5-6)^7)+8)-9$
-1500536	P	$1-(1-2-34)^5(5+6-7)+8+9$	-1658862	P	$(-1+23)^4*5^6+7+8+9$
-1500628	G	$-1-2-((-3-4)^5)^{-6-7+8+9}$	-1658887	G	$(1+23)^4*5^6+(7-8)^9$
-1500683	G	$-1*2-3*4*(5^6+7)^*8-9$	-1659690	G	$-1*2*(3+4^5*6)^*(7+8)^*9$
-1500714	P	$(-1-2-34)^5(5+6-7)-8+9$	-1673466	G	$1*2*3*(4^5-6^7-8+9)$
-1503377	G	$-1+2-34^5(5+6-7)/8*9$	-1673507	G	$-1+2*(3*(4^5-6^7-8)-9)$
-1503379	G	$1-2-34^5(5+6-7)/8*9$	-1673519	G	$1+2/3*(4^5-6^7-8)^*9$
-1503381	G	$-1-2-34^5(5+6-7)/8*9$	-1678330	G	$-1+(2*3)^4-((5-6+7)^8)-9$

-1678595	P	$(-1+2)^* - (3-4^5) - 6^{\wedge}(7-8+9)$	-1857950	G	$-1-2+(3*4-5^{\wedge}6)^*7*(8+9)$
-1678806	P	$-(-1*2*3^{\wedge}4)^*5-6^{\wedge}(7-(8-9))$	-1858236	P	$-(1-2*34+5^{\wedge}6*7)^*(8+9)$
-1678865	G	$1-(23^{\wedge}4-5*6)^*(7+8-9)$	-1858851	G	$-1-2+(3+(4-5^{\wedge}6)^*7)^*(8+9)$
-1678934	P	$-((1*23)^{\wedge}4+5)^*6-(7-89)$	-1859169	G	$1*2+(3*4-5^{\wedge}6*7)^*(8+9)$
-1678961	G	$1-2*3*(-4*5+6^{\wedge}7-89)$	-1859284	G	$1*23+(4-5^{\wedge}6*7)^*(8+9)$
-1678979	G	$1-(23^{\wedge}4+5)^*6+7+89$	-1859302	G	$1*2+3+(4-5^{\wedge}6*7)^*(8+9)$
-1678994	P	$-((1*23)^{\wedge}4+5)^*6-(7-89)$	-1859308	G	$1*2-3+(4-5^{\wedge}6*7)^*(8+9)$
-1679094	P	$-((-1+23^{\wedge}4+5)^*6+7+8)-9$	-1859348	G	$1*23+4-5^{\wedge}6*7*(8+9)$
-1679123	P	$-((1*23)^{\wedge}4+5)^*6-(7*8-9)$	-1859380	G	$1*2-3-4-5^{\wedge}6*7*(8+9)$
-1679168	G	$1*2*(3*(45-6^{\wedge}7)+89)$	-1859407	G	$1*2-34-5^{\wedge}6*7*(8+9)$
-1679176	G	$(-1+23)^*4*5-6^{\wedge}(7-(8-9))$	-1859420	G	$1*23-(4+5^{\wedge}6*7)^*(8+9)$
-1679229	G	$1-23^{\wedge}4*5-6^{\wedge}7-89$	-1859438	G	$1*2+3-(4+5^{\wedge}6*7)^*(8+9)$
-1679381	G	$-1+2*((3*(45-6^{\wedge}7)-8)-9)$	-1859577	G	$1*2-(3*4+5^{\wedge}6*7)^*(8+9)$
-1679765	G	$1-2*(-3*(4-5-6^{\wedge}7)+8*9)$	-1859829	G	$-1+23+(-4-5^{\wedge}6)^*-7*(-8-9)$
-1679791	G	$(1-2-34)^*5-6^{\wedge}(7-8+9)$	-1859875	G	$-1-23+(-4-5^{\wedge}6)^*-7*(-8-9)$
-1679911	P	$1*2*-((3*(45+6^{\wedge}7)+8)-9)$	-1859905	G	$-1-2+(-3+(-4-5^{\wedge}6)^*7)^*(8+9)$
-1680051	G	$-1-2-(3+45)^*(6^{\wedge}7/8+9)$	-1860514	G	$(1-2*34-5^{\wedge}6*7)^*(8+9)$
-1680143	G	$1-2*3*(4-5+6^{\wedge}7+89)$	-1863424	G	$-1-2+(-34-5^{\wedge}6)^*-7*(-8-9)$
-1680152	G	$-1*2+(-3+4+5)^*(-6^{\wedge}7-89)$	-1875055	G	$-1+2*3*(-4/5^{\wedge}(-6-(-7+8)))-9)$
-1680257	G	$-1-2*(3+4)^*5-6^{\wedge}(7-8+9)$	-1878653	G	$(-1*2*3^{\wedge}4-5^{\wedge}6)^*7*(8+9)$
-1680426	G	$(-1*2*3^{\wedge}4)^*5-6^{\wedge}(7-(8-9))$	-1882255	P	$-1+2*((-(-3*4+5)^{\wedge}6+7)^*8+9)$
-1680643	P	$(-1+2)^* - (3+4^5) - 6^{\wedge}(7-8+9)$	-1902643	G	$1-2-3*(4^{\wedge}5-6)^*7*89$
-1680922	G	$-1-(2*3)^{\wedge}4-((5-6+7)^{\wedge}8)-9$	-1904173	G	$-1-2-34/-5*(-6^{\wedge}7-89)$
-1685795	G	$-1+2*(-3*(-4-5+6^{\wedge}7)-8-9)$	-1921678	G	$-1-2-3*(4^{\wedge}5+6^{\wedge}7)/9$
-1689089	G	$-1+2^{\wedge}(3+4*5)+(6/(7-8))^{\wedge}9$	-1925159	G	$(1-2-3*(4^{\wedge}5+6)^*7)*89$
-1692601	P	$-1*((2*3)^{\wedge}4+5)^{\wedge}-(6-(7-8+9))$	-1925249	G	$-1+(-2-3*(4^{\wedge}5+6)^*7)*89$
-1695943	P	$-1-(2-3*4*(-5^{\wedge}6+78))^*9$	-1928451	G	$-1-(2+(3*4)^{\wedge}5)-(6^{\wedge}(7-8+9))$
-1699705	G	$-1+((-2/34)^{\wedge}5-6^{\wedge}7+89)$	-1931210	G	$(1+(2+3)^{\wedge}4)^*5*(6-7*89)$
-1700096	G	$(-1*2^{\wedge}(3*4))^*5-6^{\wedge}(7-(8-9))$	-1931757	G	$-1-(-23*4^{\wedge}5-6)^*(7-89)$
-1703960	G	$-1-23-4^{\wedge}5*(6+7)/8^{\wedge}9$	-1948816	P	$-1+(-2-3^{\wedge}(-4-5))^*(6*(7+8)+9)$
-1704296	G	$-1-2+(3*4)^{\wedge}5-(6+7-8)^{\wedge}9$	-1948896	G	$(1-2+3^{\wedge}4*5)^*67*8*-9$
-1725546	P	$-1-2-3^{\wedge}(-4-5+6)^*789$	-1951821	G	$-1+((-2*3)^{\wedge}4-5^{\wedge}(-6-(-7-8)))+9$
-1727910	P	$-(1+2+3^{\wedge}(-4+5+6))^*789$	-1952491	G	$1*(2+3)^{\wedge}4-5^{\wedge}(-6+7+8)+9$
-1731367	P	$-(1+23)^{\wedge}4-5*6^{\wedge}7+89$	-1953279	G	$-1-2*3^{\wedge}4-5^{\wedge}(-6+7+8)+9$
-1731545	P	$-(1+23)^{\wedge}4-5/6^{\wedge}7-89$	-1953737	G	$1-(2+3^{\wedge}4*5*67*8)^*9$
-1731929	G	$-1+(2-3^{\wedge}(4+5))^*(6-(7-89))$	-1953738	G	$(1*2+3^{\wedge}4*5*67*8)^*-9$
-1739060	G	$(-1*(2-3/4)^*(5^{\wedge}6+7))^*89$	-1953935	P	$-(1*2+3)^{\wedge}(4+5)-6*(7+8)^*9$
-1740919	P	$(-1*2*(-3^{\wedge}4-5^{\wedge}6))^*7*8+9$	-1954431	G	$-1-((-2*3)^{\wedge}4+5^{\wedge}(-6-(-7-8)))+9)$
-1740937	P	$(-1*2*(-3^{\wedge}4-5^{\wedge}6))^*7*8-9$	-1958472	G	$((1*2*(3^{\wedge}4-5^{\wedge}6))^*7+8)^*9$
-1741792	P	$(-1-(2-(3*4)^{\wedge}5+6))^*7-8)-9$	-1958616	P	$-((1*2*(3^{\wedge}4-5^{\wedge}6))^*-7+8)^*9$
-1753122	G	$(-1*(2+3^{\wedge}(4+5)+6)-7)^*89$	-1958661	P	$-(1+(23^{\wedge}4-5*6)^*7)+8+9$
-1757753	G	$-1-(2+(3^{\wedge}(4+5)+67)^*89)$	-1958954	P	$-(1+23^{\wedge}4+5+6)^*7+8+9$
-1757839	P	$(1-2-3^{\wedge}(-4-5)-67)^*89$	-1958972	G	$((-1-23^{\wedge}4-5-6)^*7+8-9)$
-1759063	G	$(-1*2*(3^{\wedge}4+5^{\wedge}6))^*7*8+9$	-1959014	G	$1-2+(3+4)^*(5-6^{\wedge}7+8*9)$
-1759081	G	$(-1*2*(3^{\wedge}4+5^{\wedge}6))^*7*8-9$	-1959191	G	$-1-(23^{\wedge}4+56)^*7+89$
-1764757	P	$-(1+(2+(3*4-5)^{\wedge}6)^*(7+8))+9$	-1960022	G	$1-2+(3+4)^*(5-6^{\wedge}7-8*9)$
-1767282	P	$(-1+23)^* - ((4^{\wedge}5+6)^*78-9)$	-1960141	P	$1-2+(-3-4)^*(-5-6^{\wedge}7-89)$
-1769367	G	$-1-2+3*(4-(5+6-7)^{\wedge}8)^*9$	-1960143	G	$-1-(2+(-3-4)^*(5-6^{\wedge}7-89))$
-1770266	G	$-1+(2*3)^{\wedge}4-((5+6)^{\wedge}(7+8-9))$	-1960178	G	$-1-2-(3*4-5)^*(6^{\wedge}7+89)$
-1771462	G	$1-2-(3^{\wedge}(4+5))^*6*(7+8)-9$	-1961694	G	$(-1*(2+3*4)^*(5^{\wedge}6-7*8))^*9$
-1771465	G	$(1+23)^*4-(5+6)^{\wedge}(7+8-9)$	-1963645	G	$1+2*(3^{\wedge}(4*5-6)-7^{\wedge}8+9)$
-1771535	G	$-1+23+4-(5+6)^{\wedge}(7+8-9)$	-1963674	G	$-1+2*(3^{\wedge}(4*5-6)-7^{\wedge}8)-9$
-1771543	G	$-1+23-4-(5+6)^{\wedge}(7+8-9)$	-1963681	G	$1+2*(3^{\wedge}(4*5-6)-7^{\wedge}8-9)$
-1771598	G	$-1-2-34-(5+6)^{\wedge}(7+8-9)$	-1966860	G	$(-1*(2+3*4)^*(5^{\wedge}6-(7+8)))^*9$
-1771626	G	$(1-(2+3^{\wedge}(4+5))^*6)^*(7+8)+9$	-1967346	G	$(-1*2*((3+4)^*5^{\wedge}6-78))^*9$
-1771795	G	$-1*234-(5+6)^{\wedge}(7+8-9)$	-1967742	G	$(-1*2*((3+4)/5^{\wedge}6-7*8))^*9$
-1772858	G	$-1-(2*3)^{\wedge}4-((5+6)^{\wedge}(7+8-9))$	-1969758	G	$(-1*2*((3+4)/5^{\wedge}6+7*8))^*9$
-1781250	G	$(-1*(23-4)^*5^{\wedge}6)^*(7+8-9)$	-1970154	G	$(-1*2*((-3-4)^*-5^{\wedge}6+78))^*9$
-1794829	P	$-1+23*(-(4-(5-6))^{\wedge}7+89)$	-1970640	G	$(-1*(2+3*4)^*(5^{\wedge}6+7+8))^*9$
-1796976	G	$(-1*23)^*(4+5^{\wedge}(6-(7-8)))-9$	-1975806	G	$(-1*(2+3*4)^*(5^{\wedge}6+7*8))^*9$
-1821652	G	$(1-2^{\wedge}(3*4))^*-5-6-7)^*-89$	-1978578	G	$(-1*2*(3+4)^*(5^{\wedge}6+78))^*9$
-1823788	G	$(1-2^{\wedge}(3*4))^*5-6-7)^*89$	-1978884	G	$((1*2*(3^{\wedge}4+5^{\wedge}6))^*-7+8)^*9$
-1826302	G	$-1-(23*(4^{\wedge}5-6)^*78+9)$	-1979028	P	$-((1*2*(3^{\wedge}4+5^{\wedge}6))^*7+8)^*9$
-1828134	G	$(-1*2*3/4*5^{\wedge}6)^*78-9$	-1983469	G	$(-1+2^{\wedge}(3+4))^*(5-6+7)+8+9$
-1830522	G	$-1-2-3^{\wedge}(4+5)^*(6+7+8+9)$	-1990564	G	$-1-2-((3*4)^{\wedge}5-(6+7))^*8-9$
-1836580	G	$-1-(23*4^{\wedge}5-6)^*78+9$	-1990707	G	$-1-2-((3*4)^{\wedge}5-6)^*(-7+8-9)$
-1840097	G	$(1*2*3^{\wedge}4-5^{\wedge}6)^*7*(8+9)$	-1990772	G	$-1-2-((3*4)^{\wedge}5+6+7)^*8-9$
-1849600	G	$1-(23^{\wedge}4-5^{\wedge}6)^*7-89$	-1999016	G	$-1+2^{\wedge}(3+4)^*(5-6+7)+89$
-1855414	P	$-(1-234+5^{\wedge}6*7)^*(8+9)$	-1999033	G	$-1+2^{\wedge}(3+4)^*(5^{\wedge}6+7)+8*9$
-1857794	G	$(1+23*4-5^{\wedge}6*7)^*(8+9)$	-1999122	G	$-1-(-2^{\wedge}(3+4)^*(5^{\wedge}6+7)+8+9)$

-1999177	G	$-1+2^+(3+4)^*(-5^+6+7)-8^*9$	-2168104	G	$1-2+(3+4)^+5^*(6-(7+8)^*9)$
-1999322	P	$-1-2+(-3+4)^+5+6)^*7^*(8+9)$	-2169199	G	$-1+(-2-3^*(4^+5+6)^*78)^*9$
-1999873	G	$-1-2^+(3+4)^*(5^+6+(7-8)^+9)$	-2169488	P	$-(1+((2+3/4)+5)/6^+-7)+8+9$
-1999915	P	$1-2+(-3^*4+5)^+6+7)^*(8+9)$	-2186552	G	$(1+2^+(3+4+5)^*-6+7)^*89$
-1999918	P	$-(1^*2)^+(3+4)^*5^+6-7+89$	-2187376	P	$-(1-23)^+4+5-(6+7-8)^+9$
-2000036	G	$-1-(2+(3+4)^+(5-(6-7))^*(8+9))$	-2187386	P	$-((1-23)^+4+5)-(6+7-8)^+9$
-2000069	P	$-(1^*2)^+(3+4)^*5^+6-78+9$	-2187411	G	$(-1^*(2+3)^*4^*5^+6)^*7+89$
-2000087	P	$-(1^*2)^+(3+4)^*5^+6-78-9$	-2187428	G	$(-1^*(2+3)^*4^*5^+6)^*7+8^*9$
-2000096	P	$-(1^*2)^+(3+4)^*5^+6-7-89$	-2187483	G	$(1^*(-2-3)^*4^*5^+6)^*7+8+9$
-2000129	P	$-1-2^+(-3-4)^*(5^+6-(7-8)^+9)$	-2187517	P	$-((1^*(-2-3)^*4^*-5^+6)^*7+8)-9$
-2000377	G	$-1-(2+3^*4)^+-5^*(6^*7)^+8/9$	-2187572	G	$(1^*(-2-3)^*4^*5^+6)^*7-8^*9$
-2000623	G	$-1^*2^+(3+4)^*5^+6-7^*89$	-2187589	G	$(-1^*(2+3)^*4^*5^+6)^*7-89$
-2000702	G	$-1^*2^+(3+4)^*5^+6-78^*9$	-2228215	P	$(-1+2)^*34^*-(5+6-7)^+8+9$
-2000914	P	$-(1+2^+(3+4)^*(5^+6+7)+8)-9$	-2230120	G	$-1+(234^*5-6^+7)^*8+9$
-2006207	G	$1-(23+4^*5)^*6^+(7+8-9)$	-2231104	P	$-(1-(23+4^+5-6^+7)^*8)+9$
-2007669	G	$-1-2-3^+(4+5)^*(6+7+89)$	-2231200	G	$-1+(23^*45-6^+7)^*8+9$
-2009994	P	$-(1+2^+(3+4)^*(5^+6+78))-9$	-2231332	G	$-1-(2+(3-4^+5+6^+7)^*8+9)$
-2015704	G	$(-1-2^+(3+4))/5^+-6-7-8^*9$	-2233000	P	$-(1-(2^*3)^+4^*5+6^+7^*8)+9$
-2020720	G	$(-1^*2^*(3^+4-5^+6))^*(7-8^*9)$	-2233389	G	$-1-2-((3^*4)^+5-678)^*9$
-2035890	G	$(-1^*2/(3-4/5))^*(6^+7^*8-9)$	-2233960	G	$-1+(2^*345-6^+7)^*8+9$
-2041780	G	$(1^*2^*(3^+4+5^+6))^*(7-8^*9)$	-2235344	G	$-1+2^+(3^*4)-(-5+6^+7)^*8+9$
-2078036	G	$(-1^*(23-4)/5^+-6)^*7+89$	-2235424	G	$-1+2^+(3^*4)+(-5-6^+7)^*8+9$
-2078053	G	$(1^*(-23+4)^*5^+6)^*7+8^*9$	-2236015	P	$(-1+2-3^+-4)-5)^*6^+7+8+9$
-2078108	G	$(-1^*(23-4)^*5^+6)^*7+8+9$	-2236247	G	$(1-2+3^+4^+5-6^+7)^*8+9$
-2078124	G	$(-1^*(23-4)^*5^+6)^*7-(8-9)$	-2237328	G	$(1^*2^*(3^+4-5^+6+7))^*8^*9$
-2078125	G	$(1^*(23-4)^*5^+6)^*7^*(8-9)$	-2237824	P	$-(1-(23^*(4+5)-6^+7)^*8)+9$
-2078126	G	$(-1^*(23-4)^*5^+6)^*7+8-9$	-2237832	P	$(-1^*2^*-(3^+4-5^+6)+7)^*8^*9$
-2078142	G	$(1^*(23+4)^*5^+6)^*7-(8+9)$	-2238197	G	$-1+((2^*3)^+4+5)-6^+7^*8-9$
-2078197	G	$(-1^*(23-4)^*5^+6)^*7-8^*9$	-2238263	G	$(-1^*2^*(-3^+4+5)-6^+7)^*8+9$
-2078214	G	$(-1^*(23-4)/5^+-6)^*7-89$	-2238344	G	$-1-(23^+4-5-6^+7)^*8+9$
-2082036	G	$-1-(2-(3^+(4+5)-6^+7)^*8)-9$	-2238476	G	$(1-2)^*(3-4^+5+6^+7^*8)-9$
-2082041	G	$(1-2+(3^+(4+5)-6^+7))^*8-9$	-2238592	G	$1-(23^+4-5-6-7)^*8-9$
-2082792	G	$-1-2-3^*(4^+5^*678-9)$	-2238686	G	$1+2^*3^+4^*5-6^+7^*8-9$
-2087505	P	$(-1^*2^*-3^+4-5^+6)^*-(-7-8)^*9$	-2238864	G	$-1-(23^+4+5+6+7)^*8+9$
-2093689	G	$-1+(2^+-3-45)^*6^+(7+8-9)$	-2240088	G	$1-2-(3^+4-5+6^+7)^*8+9$
-2096283	G	$1^*2^*3-4/(5+6)/(7^+8-9)$	-2240207	G	$1+2^*3^*(4-5-6^+7-89)$
-2096649	G	$-1-2^+(-3^*(4-5-6))+7^*8^*9$	-2240307	G	$(-1^*2/3^+-4)^*5-(6^+7^*8+9)$
-2097034	P	$-(1+2^+(3^*(4+5)-6))+7^*(8+9)$	-2240458	P	$-(1+(2^*3^*4^+5+6^+7)^*8)-9$
-2097071	G	$-1-2^+(-3^*(4-(5+6)))-(-7-89)$	-2240524	G	$(1-2)^*(3+4^+5+6^+7^*8+9)$
-2099415	G	$-1-2-3^*-4^*(5/(6^+-7^*8)+9)$	-2240695	P	$-(1^*2^*(-3^+4+5)+6^+7)^*8+9$
-2099498	G	$-1+23-45^*6^+(7+8-9)$	-2240713	P	$-(1^*2^*(-3^+4+5)+6^+7)^*8-9$
-2099631	G	$-1-2-3^*4^*(5/(6^+-7^*8)+9)$	-2240789	G	$-1-((2^*3)^+4-5+6^+7^*8)-9$
-2100878	G	$-1-2-(3+4)^+5^*(6+7^*(8+9))$	-2240799	G	$-1-((2^*3)^+4+5)-6^+7^*8-9$
-2103337	P	$(-1+23)^+4-(5+6)^+(7^+8-9)$	-2241392	P	$-(1+(234+(5+6^+7))^*8)+9$
-2105353	G	$-1-((2^+-3)+45)^*6^+(7+8-9)$	-2241410	P	$-(1+(234+(5+6^+7))^*8)-9$
-2108543	G	$-1+234^*5^+6-7^+8+9$	-2241658	P	$-(1-(2^*3^*-45-6^+7)^*8)-9$
-2108561	G	$-1+234^*5^+6-7^+8-9$	-2242218	P	$-(1-(2^*34^*-5-6^+7)^*8)-9$
-2108890	G	$-1-(2^*3+(-4+5^+6)^*(7+8))^*9$	-2242727	G	$(1-2-3^+4^*5-6^+7)^*8+9$
-2109243	G	$-1-(2+(-3+4-5^+6)^*(7-8))^*9$	-2243865	G	$-1-(2+3^+(4+5)^*(6^+7+8^*9))$
-2109283	G	$1^*2^*3^*4-5^+6^*(7+8)^*9$	-2245018	P	$-(1+(2^*345+6^+7)^*8)-9$
-2109307	G	$1^*2^*3^*4-5^+6^*(7+8)^*9$	-2245025	G	$(1+2^*345+6^+7)^*8-9$
-2109390	G	$-1-2-3^*(4+5^+(6-(7-8))^*9)$	-2247716	G	$-1-(2+(3+4^+5+6^+7)^*8)+9$
-2109444	G	$1+2-(3^*(4-(5-6))^+7+8)^*9$	-2247778	P	$-(1+(23^*45+6^+7)^*8)-9$
-2109610	G	$-1-(2+3^*((4-5+6)^+7+8))^*9$	-2248858	P	$-(1+(234^*5+6^+7)^*8)-9$
-2109862	G	$-1+(2^*3+(-4-5^+6)^*(7+8))^*9$	-2249561	P	$1-2^*-(3+(-4-5^+6+7)^*8^*9)$
-2110317	P	$1+2+(-3-4-5^+6)^*-(-7-8)^*9$	-2251611	G	$(1+2^*(-34-(5^+6+7)^*8))^*9$
-2110725	G	$1^*(2-3^*4-5^+6)^*(7+8)^*9$	-2252233	G	$-1-(2^*(3^*4+5^+6)+7)^*8^*9$
-2113968	G	$-1-2+(-34-5^+6)^*(-7-8)^*-9$	-2252304	G	$(1+2^*(3^*4+5^+6)+7)^*-8^*9$
-2130625	G	$-1-(2/3+45)^*6^+(7+8-9)$	-2260656	G	$(1^*2^*(3^+4-(-5^+6+7)))^*-8^*9$
-2131245	P	$(-1^*2^*3^+4-5^+6)^*-(-7-8)^*9$	-2261160	G	$(-1^*2^*(3^+4+5^+6)+7)^*8^*9$
-2136429	P	$-((-1+23)^+4+5^+(6+7-8))^*9$	-2262168	P	$(-1^*2^*(3^+4+5^+6))-7)^*8^*9$
-2140966	G	$-1-(-234-5^+6)^*(-7-8)^*9$	-2262672	G	$(1^*2^*(3^+4+5^+6+7))^*-8^*9$
-2141100	P	$(-1-234-5^+6)^*-(-7-8)^*9$	-2278122	G	$1+2-3^+4^*5^+(6+7-8)^*9$
-2143909	G	$1-2-3^*(4^+5-6)^*78^*9$	-2286000	G	$1^*(2-3^+4^*5^+6^+7)^*8^*9$
-2145072	G	$(1^*2^*(3^+4-5^+6))^*(78-9)$	-2286127	G	$-1+(2-3^+4^*5^+6^*7^*8)^*9$
-2146754	G	$1+(23^+4-5^+6)^*(7/8-9)$	-2286161	G	$1-(2+3^+4^*5^+6^*7^*8)^*9$
-2152351	G	$-1+(-2+(3^*-4^+5+6)^*78)^*9$	-2286162	G	$-1^*(2+3^+4^*5^+6^*7^*8)^*9$
-2156599	G	$-1-2+((3^*4)^+5+6)^*-78/9$	-2286288	G	$-1^*(2+3^+4^*5^+6^*7)^*8^*9$
-2156809	G	$-1-2^*(3+(4+5^+6)^*(78-9))$	-2291320	G	$-1+((2^*3)^+4^*-5-6^+7)^*8+9$
-2167428	G	$(-1^*2^*(3^+4+5^+6))^*(78-9)$	-2305034	G	$-1+(2^+3/4^+-5+6^+7)^*-8-9$

-2313442	G	$-1 - (2 \cdot 3 - 45)^{-6-7+8+9}$	-2515672	G	$((1 - 2/3^{-4}) \cdot 5^6 - 7 \cdot 8 + 9)$
-2322604	G	$-1 - (2 \cdot 3^4(4+5) \cdot (67-8) + 9)$	-2515698	G	$(-1 \cdot 2 \cdot 3^4) \cdot (5^6 - (7+89))$
-2336176	G	$-1 - 2 - (3+4)^5 \cdot (67+8 \cdot 9)$	-2515717	G	$1 \cdot 2 \cdot 3 \cdot (4+5^6 \cdot 7) / (8-9)$
-2341566	G	$-1 - 2 + (-3^4(4+5) + 6) \cdot 7 \cdot (8+9)$	-2516095	G	$1 + 2 \cdot 3 \cdot ((-4-5^6) \cdot 7 + 8) - 9$
-2342358	G	$(1 - 2 + 3^4(4+5) - 6^7 - 8) \cdot 9$	-2519842	G	$1 - 2 - 3 \cdot 4 - (6^7 + 8) \cdot 9$
-2342367	P	$(-1 \cdot 2 - 3^4(4+5) + 6^7 - 8) \cdot 9$	-2519974	G	$-1 - (2^3 + 45 + (6^7 + 8)) \cdot 9$
-2374935	G	$(-1 \cdot (23-4) \cdot 5^6 + 7) \cdot 8 + 9$	-2520247	P	$1 - 2 + (-4-5) \cdot (-6^7 - 89)$
-2374953	G	$(1 \cdot (23+4) \cdot 5^6 + 7) \cdot 8 - 9$	-2520765	G	$(-1 \cdot 2 \cdot 3^4 + 5 - 6^7 + 8) \cdot 9$
-2375047	P	$(-1 \cdot (23-4) \cdot 5^6 - 7) \cdot 8 + 9$	-2526062	P	$-((1+2^3)^4 + 5) - (6^7 + 8) \cdot 9$
-2375065	P	$(-1 \cdot (23-4) \cdot 5^6 - 7) \cdot 8 - 9$	-2526642	P	$(-((1 \cdot 2 \cdot 3^4) \cdot 5 + 6^7) + 8) \cdot 9$
-2376055	G	$(-1 \cdot (23-4) \cdot (5^6 + 7)) \cdot 8 + 9$	-2526786	P	$-((1 \cdot 2 \cdot 3^4) \cdot 5 + 6^7 + 8) \cdot 9$
-2376073	G	$(-1 \cdot (23-4) \cdot (5^6 + 7)) \cdot 8 - 9$	-2527362	G	$(-1 \cdot 2/3^{-4}) \cdot (5^6 - (7+8+9))$
-2378647	G	$-1 - (23^4 - 5^6 + 78) \cdot 9$	-2528690	G	$-1 + (23 - (4^5 + (6^7 + 8))) \cdot 9$
-2390506	P	$(-1 \cdot (-(-2-3) + 4) \cdot -5^6 - 7) \cdot (-8-9)$	-2528736	G	$1 + 2 - ((3+4^5 + 6^7) + 8) \cdot 9$
-2390744	P	$(-1 \cdot (-(-2-3) + 4) / -5^6 - 6 + 7) \cdot (-8+9)$	-2528829	G	$(-1 \cdot 2/3^{-4}) \cdot (5^6 - (7+8)) - 9$
-2396964	G	$-1 - (2 + (3^4(4+5) + 6^7) \cdot 8) \cdot 9$	-2529630	G	$(-1 \cdot 2/3^{-4}) \cdot (5^6 + 7 - (8+9))$
-2403432	G	$(-1 \cdot 2 \cdot 3^4) \cdot (5^6 - 789)$	-2529672	G	$-1 \cdot 2 \cdot (3^4 \cdot 5^6 - 789)$
-2406241	G	$(1 \cdot (-2 - 3/4) \cdot 5^6) \cdot 7 \cdot 8 + 9$	-2529954	G	$(-1 \cdot 2/3^{-4}) \cdot (5^6 - (7 - (8-9)))$
-2406259	G	$(1 \cdot (-2 - 3/4) \cdot 5^6) \cdot 7 \cdot 8 - 9$	-2530044	P	$(-1 \cdot 2/3^{-4}) \cdot (-5^6 + 7) + 8 + 9$
-2414748	G	$(1 - 2 - 3^4 \cdot 5^6) \cdot 7 \cdot 89$	-2530099	P	$(-1 \cdot 2/3^{-4}) \cdot (-5^6 + 7) + 8 + 9$
-2415018	G	$-1 - 2 - 3^4 \cdot 5^6 \cdot 7 \cdot 89$	-2530117	P	$(-1 \cdot 2/3^{-4}) \cdot (-5^6 + 7) + 8 - 9$
-2415104	G	$(1 - 2 - 3^4 \cdot 5^6) \cdot 7 \cdot 89$	-2530133	P	$-((-1 \cdot 2 \cdot 3^4) \cdot (-5^6 + 7) + 8) - 9$
-2417526	G	$(-1 \cdot 2 \cdot 3^4) \cdot (5^6 - 78 \cdot 9)$	-2530188	P	$(-1 \cdot 2/3^{-4}) \cdot (-5^6 + 7) - 8 \cdot 9$
-2424855	G	$(1 \cdot 2 \cdot (3^4 - 5^6)) \cdot 78 + 9$	-2530205	P	$(-1 \cdot 2 \cdot 3^4) \cdot (-5^6 + 7) - 89$
-2424873	G	$(1 \cdot 2 \cdot (3^4 - 5^6)) \cdot 78 - 9$	-2530241	P	$1 + 2 \cdot (-3^4/5^6 - 6 - 7 \cdot 8 \cdot 9)$
-2428545	G	$-1 - 2 - (3/4^5 - 5 + 6) \cdot 789$	-2530278	G	$(-1 \cdot 2/3^{-4}) \cdot (5^6 - (7+8-9))$
-2430324	G	$(-1 \cdot 2 \cdot 3^4) \cdot (5^6 - 7 \cdot 89)$	-2530979	G	$1 - 2 \cdot (3^4 \cdot 5^6 + (-7-8) \cdot 9)$
-2433025	G	$-1 - (2^3 - 3 + 4) \cdot (5 + 6 - 7)^8 \cdot 9$	-2531058	G	$-1 \cdot 2 \cdot (3^4 \cdot 5^6 - 7 - 89)$
-2437666	G	$-1 + 2 \cdot (3 - 4 - 5^6) \cdot 78 - 9$	-2531076	G	$-1 \cdot 2 \cdot (3^4 \cdot 5^6 - 78 - 9)$
-2438013	G	$-1 - (2 + 3^4 \cdot 5^6) \cdot 789$	-2531091	P	$1 - 2 \cdot (-3^4 \cdot -5^6 + 7 + 8 \cdot 9)$
-2449602	G	$(-1 \cdot 2/3^{-4}) \cdot (5^6 - 7 \cdot 8 \cdot 9)$	-2531097	G	$(-1 \cdot 2/3^{-4}) \cdot (5^6 + 7 - 8) - 9$
-2450127	G	$(-1 \cdot 2 \cdot (3^4 + 5^6)) \cdot 78 + 9$	-2531112	G	$-1 \cdot 2 \cdot (3^4 \cdot 5^6 - 78 + 9)$
-2450145	G	$(-1 \cdot 2 \cdot (3^4 + 5^6)) \cdot 78 - 9$	-2531119	P	$1 + 2 \cdot (-3^4 \cdot 5^6 + 7 - 8 \cdot 9)$
-2455952	P	$(-1 \cdot 2 \cdot (3^4 - 5^6)) \cdot (-7 + 8 \cdot 9)$	-2531131	G	$(-1 \cdot 2/3^{-4}) \cdot 5^6 + 7 \cdot (8+9)$
-2459080	G	$-1 + (-2 \cdot 3)^4 + 5^6 - 6 \cdot (-7-8) \cdot 9$	-2531168	G	$(-1 \cdot 2 \cdot 3^4) / 5^6 - 6 - 7 + 89$
-2461672	G	$-1 - (-2 \cdot 3)^4 + 5^6 - 6 \cdot (-7-8) \cdot 9$	-2531171	G	$-1 \cdot 2 \cdot 3^4 \cdot 5^6 + 7 + 8 \cdot 9$
-2470579	P	$1 - 2 - 3 \cdot (-((4-5-6)^7 + 8 + 9))$	-2531182	G	$-1 - (2/3^{-4} \cdot 5^6 - 78) - 9$
-2470599	G	$-1 - 2 + 3 \cdot ((4 - (5+6))^7 + 8 + 9)$	-2531233	G	$1 - 2 \cdot (3^4 \cdot 5^6 - (7 - (8-9)))$
-2470681	P	$1 - 2 - 3 \cdot (-((4-5-6)^7 - (8+9)))$	-2531262	P	$1 \cdot 2 \cdot (-3^4 \cdot 5^6 + 7 + 8 - 9)$
-2471292	G	$(1 \cdot 2 - 3^4 \cdot 5^6) \cdot 78 \cdot 9$	-2531275	P	$(-1 + 2 \cdot 3^4 / 5^6 - 7) \cdot 8 - 9$
-2471328	G	$(-1 \cdot 2 - 3^4 \cdot 5^6) \cdot 78 \cdot 9$	-2531289	P	$-1 \cdot 2 \cdot (-3^4 \cdot -5^6 - 7 - 8) - 9$
-2475818	G	$-1 - (23-4)^5 - 6 \cdot (-7 \cdot 8 + 9)$	-2531319	G	$(-1 \cdot 2 \cdot 3^4) / 5^6 - 6 - 78 + 9$
-2475987	P	$(-1 + (23-4)^5 - (6+7) \cdot 8) + 9$	-2531329	P	$-((-1 \cdot 2/3^{-4}) \cdot 5^6 + 7) - 8 \cdot 9$
-2476490	G	$-1 - (23-4)^5 - 6 \cdot (7 \cdot 8 + 9)$	-2531335	G	$1 + 2 \cdot (3^4 \cdot -5^6 - 7) + 8 \cdot 9$
-2476814	P	$(-1 + (23-4)^5) - 6 \cdot 7 \cdot (8+9)$	-2531337	G	$(-1 \cdot 2) \cdot 3^4 \cdot 5^6 - 78 - 9$
-2481548	G	$(-1 \cdot 2 \cdot (3^4 + 5^6)) \cdot (7 + 8 \cdot 9)$	-2531343	G	$1 + 2 \cdot (3^4 \cdot -5^6 - 7 \cdot 8 + 9)$
-2482176	G	$(1 \cdot 2 \cdot (-3^4 - 4 + 5)) / 6^7 - 8 - 9$	-2531346	G	$(-1 \cdot 2) \cdot 3^4 \cdot 5^6 - 7 - 89$
-2483514	G	$(1 \cdot 2 + 3^4 \cdot 5^6) \cdot 78 \cdot 9$	-2531368	G	$1 - 2 \cdot 3^4 \cdot 5^6 - 7 \cdot (8+9)$
-2488263	P	$-1 - 2 - ((3^4)^5 - 6) \cdot (-7 - 8 - 9)$	-2531379	P	$1 + 2 \cdot (-3^4 \cdot 5^6 + 7 + 8 + 9)$
-2488281	G	$-1 + (2 + (3^4)^5 - 6) \cdot (7 - (8+9))$	-2531388	G	$-1 \cdot 2 \cdot (3^4 \cdot 5^6 + 78 - 9)$
-2488314	G	$-1 - 2 - (3^4)^5 - 6^7 + 8 + 9$	-2531403	G	$(-1 \cdot 2/3^{-4}) \cdot (5^6 - (7-8)) + 9$
-2498871	P	$(1 \cdot (-2-3) \cdot 4 \cdot (-5^6 + 7)) \cdot 8 + 9$	-2531407	P	$1 + 2 \cdot (-3^4 \cdot 5^6 + 7 + 8 \cdot 9)$
-2498889	P	$(1 \cdot (-2-3) \cdot 4 \cdot (-5^6 + 7)) \cdot 8 - 9$	-2531421	G	$(-1 \cdot 2/3^{-4}) \cdot (5^6 - (7-8)) - 9$
-2499729	G	$(-1 \cdot (2+3) \cdot (4 \cdot 5^6 - 7)) \cdot 8 - 9$	-2531424	G	$-1 \cdot 2 \cdot (3^4 \cdot 5^6 + 78 + 9)$
-2499935	G	$(-1 \cdot (2+3) \cdot 4 \cdot 5^6 + 7) \cdot 8 + 9$	-2531442	G	$-1 \cdot 2 \cdot (3^4 \cdot 5^6 + 7 + 89)$
-2499953	G	$(-1 \cdot (2+3) \cdot 4 \cdot 5^6 + 7) \cdot 8 - 9$	-2531754	G	$1 \cdot 2/3^{-4} \cdot -4 \cdot -5^6 - 7 \cdot 8 \cdot 9$
-2500047	P	$(-1 \cdot (-2-3) \cdot 4 \cdot -5^6 + 7) \cdot 8 + 9$	-2531951	G	$1 - 2 \cdot 3^4 \cdot 5^6 - 78 \cdot 9$
-2500065	P	$(-1 \cdot (-2-3) \cdot 4 \cdot 5^6 + 7) \cdot 8 - 9$	-2532038	G	$1 - 2 \cdot 3^4 \cdot 5^6 - 789$
-2500271	P	$(-1 \cdot (-2-3) \cdot (4 \cdot 5^6 + 7)) \cdot 8 + 9$	-2532039	G	$(-1 \cdot 2 \cdot 3^4) \cdot 5^6 - 789$
-2501111	G	$(1 \cdot (-2-3) \cdot 4 \cdot (5^6 + 7)) \cdot 8 + 9$	-2532222	G	$(-1 \cdot 2/3^{-4}) \cdot (5^6 + 7 + 8 - 9)$
-2501129	G	$(1 \cdot (-2-3) \cdot 4 \cdot (5^6 + 7)) \cdot 8 - 9$	-2532257	G	$1 - 2 \cdot (3^4/5^6 - 6 - 7 \cdot 8 \cdot 9)$
-2509380	G	$(-1 \cdot 2/3^{-4}) \cdot (5^6 - (7+8) \cdot 9)$	-2532295	G	$(-1 \cdot 2 \cdot 3^4) \cdot (5^6 + 7) + 89$
-2511972	G	$(-1 \cdot 2/3^{-4}) \cdot (5^6 - 7 \cdot (8+9))$	-2532312	G	$(-1 \cdot 2/3^{-4}) \cdot (5^6 + 7) + 8 \cdot 9$
-2512062	G	$((1 \cdot 2 \cdot 3^4) \cdot 5 - 6^7 + 8) \cdot 9$	-2532367	G	$(-1 \cdot 2/3^{-4}) \cdot (5^6 + 7) + 8 + 9$
-2512206	P	$(-((1 \cdot 2 \cdot 3^4) \cdot 5 - 6^7) + 8) \cdot 9$	-2532401	G	$((-1 \cdot 2 \cdot 3^4) \cdot (5^6 + 7) - 8) - 9$
-2514614	G	$-1 + 2 \cdot 3 \cdot ((-4 - 5^6) \cdot 7 + 8 \cdot 9)$	-2532456	G	$(-1 \cdot 2/3^{-4}) \cdot (5^6 + 7) - 8 \cdot 9$
-2515121	G	$((1 - 2/3^{-4}) \cdot 5^6 + 7 \cdot 8 \cdot 9)$	-2532473	G	$(-1 \cdot 2 \cdot 3^4) \cdot (5^6 + 7) - 89$
-2515481	G	$1 - (23^4 - 5^6 - 7 - 8) \cdot 9$	-2532708	G	$(-1 \cdot 2/3^{-4}) \cdot (5^6 - (7-8) \cdot 9)$
-2515506	G	$((1 - 2/3^{-4}) \cdot 5^6 + 7 \cdot (8+9))$	-2532828	G	$-1 \cdot 2 \cdot (3^4 \cdot 5^6 + 789)$
-2515533	G	$-1 \cdot 2 \cdot 3 \cdot (4 - 5^6 \cdot 7) / (8-9)$	-2532870	G	$(-1 \cdot 2/3^{-4}) \cdot (5^6 - (7 - (8+9)))$

-2533671	G	$(-1*2/3^4)^*(5^6+7+8)+9$	-2735940	G	$-1-2-3^4(4+5)*(67+8*9)$
-2535138	G	$(-1*2/3^4)^*(5^6+7+8+9)$	-2749546	G	$1-2-3^4*5^6*789$
-2538864	G	$(-1*2/3^4)^*(5^6+(7*8-9))$	-2749547	G	$-1*2-3^4*5^6*789$
-2539110	G	$-1-(2-3^4(4+5))*(6-(7+8)*9))$	-2760705	G	$-1-2^4(3*4)*(5+678-9)$
-2540313	G	$(-1*2/3^4)^*(5^6+7*8)+9$	-2765586	G	$(1*2*(3^4-5^6+7))^{*89}$
-2540331	G	$(-1*2/3^4)^*(5^6+7*8)-9$	-2766209	G	$(1*2*(3^4-5^6+7))^{*89}$
-2541780	P	$(-1*2*3^4)^*(-5^6+7-8*9)$	-2767455	G	$(1*2*(3^4-5^6)-7)^{*89}$
-2542428	G	$(-1*2*3^4)*(5^6+78-9)$	-2779936	G	$1*2*(34-(5^6-7)^{*89})$
-2543049	G	$-1-23/4^5-(6^7+8)^*9$	-2782428	G	$1*2*(34-(5^6+7)^{*89})$
-2543877	G	$(-1*2*3^4)*(5^6+78)+9$	-2792359	G	$(-1*2*(-3^4-4+5))/6^7-7+89$
-2543895	G	$(-1*2*3^4)*(5^6+78)-9$	-2792431	G	$(-1*2*(-3^4-4+5))^{*6^7+8+9}$
-2544048	G	$(-1*2/3^4)^*(5^6+7+8*9)$	-2792465	G	$(1*2*(3^4-4-5))/6^7-7-8-9$
-2549216	G	$(-1*2*(3^4-5^6))*(7-89)$	-2792537	G	$(-1*2*(-3^4-4+5))/6^7-7-89$
-2553120	G	$(-1*2/3^4)^*(5^6+(7+8)*9)$	-2794422	P	$(1*2*(-(3^4+5^6+7))^{*89})$
-2575784	G	$(1*2*(3^4+5^6))*(7-89)$	-2795045	P	$(1*2*(-(3^4+5^6+7))^{*89})$
-2576822	P	$(1-23)^4*(5+6)-7-8+9$	-2796182	P	$-1-(2/3*(-(4^5(5+6)+7)-8)+9)$
-2576840	P	$(1-23)^4*(5+6)-7-(8+9)$	-2796291	G	$(-1*(2*(3^4+5^6+7))^{*89})$
-2578476	G	$-1-2-3^4(4+5)*(6^7+89)$	-2796914	G	$(-1*2*(3^4+5^6+7))^{*89}$
-2586695	G	$1-(2^4(3^4)+56)^{*7*89}$	-2798447	G	$-1+2*(3^4-5^6(6^7-89))$
-2612898	G	$(-1*2/3^4)^*(5^6+7+8*9)$	-2798495	G	$-1+2*(-3^4-5^6(6^7-89))$
-2621895	G	$-1-2-(3+4)^5*(67+89)$	-2799115	G	$-1+2*(34-5/6^7-7+89)$
-2624340	G	$-1-2+3*(4-5^6)^{*7*8-9}$	-2799207	P	$1-2*(-(3^4-5^6(6^7-(8-9))))$
-2624983	G	$(-1*2*3^4*5^6)^{*7+8-9}$	-2799543	P	$1-2*(3+4-5^6-(6^7-(8-9)))$
-2624999	G	$(-1*2*3^4*5^6)^{*7-(8-9)}$	-2802420	G	$(1*(-2-3)^4*(5^6+7*8))^{*9}$
-2625001	G	$(1*2*3^4*5^6)^{*7+8-9}$	-2806183	G	$(-1*2*(3^4-4+5))/6^7-7+89$
-2625017	G	$(-1*2*3^4*5^6)^{*7-(8+9)}$	-2806200	G	$(-1*2*(3^4-4+5))/6^7-7+8*9$
-2625089	G	$(-1*2*3^4/5^6)^{*7-89}$	-2806255	G	$(-1*2*(3^4-4+5))^{*6^7+8+9}$
-2625682	G	$1-2-3*(-4-5^6)^{*7*8-9}$	-2806289	G	$(-1*2*(3^4-4+5))^{*6^7-8+9}$
-2625684	G	$-1-2-3*(-4-5^6)^{*7*8-9}$	-2806344	G	$(-1*2*(3^4-4+5))/6^7-7-8*9$
-2630438	G	$-1*23^4*5^6+7*8-9$	-2806361	G	$(-1*2*(3^4-4+5))/6^7-7-89$
-2632176	G	$(-1*2*3^4)*(5^6+7*89)$	-2808990	G	$(-1*(2+3)*(4*5^6-78))^{*9}$
-2637379	G	$-1-2*(3^4(4+5)^{*67-8*9})$	-2809800	G	$(-1*(2+3)^4*(5^6-(7+8)))^{*9}$
-2637612	G	$-1-2*3^4(4+5)^{*67-89}$	-2809980	G	$(-1*(2+3)*(4*5^6-7*8))^{*9}$
-2637667	G	$-1-2*(3^4(4+5)^{*67+8*9})$	-2810880	G	$(-1*(-2-3)*(4*(-5^6+7)+8))^{*9}$
-2644974	G	$(-1*2*3^4)*(5^6+78*9)$	-2811168	P	$(1*(-2-3)^4*(-(5^6+7)+8))^{*9}$
-2650560	P	$(-1*(2*3+4)*(-5^6+7))^{*-(8+9)}$	-2811312	P	$(-1*(-2-3)^4*(5^6+7+8))^{*9}$
-2655947	G	$-1-2-34*(5^6(6-7+8)-9)$	-2811600	G	$(1*(-2-3)*(-4*(-5^6+7)+8))^{*9}$
-2656398	G	$-1-(2+(3^4(4+5)-6)*(7+8)*9)$	-2811798	G	$(1*(-2-3)^4*5^6+78)^{*9}$
-2656557	G	$1-2-34*(5^6(6-(7-8))+9)$	-2811996	G	$(-1*(2+3)^4*5^6+7*8)^{*9}$
-2657152	P	$-1-(2+3)*(-4+5)^6+7+89$	-2821213	G	$(-1*(2+3)^4*(5^6-6-7)+8)^{*9}$
-2657187	P	$-(-1*(2+3)*(-4-5)^6+7+8)-9$	-2812887	P	$(-1*(-2-3)*(-4*5^6+7)-8)^{*9}$
-2657208	G	$-1-(2+3*(4+5)^6*(7+8)/9)$	-2813004	G	$(1*(-2-3)^4*5^6-7*8)^{*9}$
-2657988	G	$(1+2-(3^4(4+5)+6)*(7+8))^{*9}$	-2813202	G	$(1*(-2-3)^4*5^6+78)^{*9}$
-2658537	G	$(-1*(23-4)*(5^6-78))^{*9}$	-2813400	G	$(1*(-2-3)^4*(5^6+7+8))^{*9}$
-2662299	G	$(1*(-23+4)*(5^6-7*8))^{*9}$	-2813688	G	$(1*(-2-3)^4*(5^6+7+8))^{*9}$
-2669310	G	$(1*(-23+4)*(5^6-(7+8)))^{*9}$	-2813832	P	$(-1*(-2-3)^4*(5^6+7+8))^{*9}$
-2671173	G	$(-1*(23-4)*5^6+78)^{*9}$	-2813951	G	$1-2^4(3+4+5)^{*678+9}$
-26711371	G	$(-1*(23-4)*5^6+7*8)^{*9}$	-2814120	G	$(1*(-2-3)^4*(5^6+7+8))^{*9}$
-2671704	G	$(1*(-23+4)*(5^6+7-8))^{*9}$	-2815020	G	$(-1*(2+3)^4*(4*5^6+7*8))^{*9}$
-2671740	G	$(-1*(23-4)*5^6+7+8)^{*9}$	-2815200	G	$(1*(-2-3)^4*(5^6+7+8))^{*9}$
-2672010	G	$(-1*(23-4)*5^6-(7+8))^{*9}$	-2816010	P	$(-1*(-2-3)*(-4*5^6+78))^{*9}$
-2672046	G	$(-1*(23-4)*(5^6-(7-8)))^{*9}$	-2822580	G	$(1*(-2-3)^4*(5^6-7*8))^{*9}$
-2672379	G	$(-1*(23-4)*5^6-7*8)^{*9}$	-2825305	G	$(-1+2-3^4*5^6)^{*7*89}$
-2672577	G	$(-1*(23-4)/5^6-6-78)^{*9}$	-2825751	G	$-1+(2-3^4*5^6*7)^{*89}$
-2672762	G	$-1-2*34^5(5+6-7)-89$	-2825927	G	$-1+2-3^4*5^6*7*89$
-2673000	G	$(-1*(23-4)*(5^6+7-8))^{*9}$	-2826540	G	$(-1*(2+3)^4*(5^6+78))^{*9}$
-2673144	G	$(-1*(23-4)*(5^6+7-8))^{*9}$	-2832489	P	$(-1+2*(-(3^4(4+5)-6)+7)^8)^{*9}$
-2674440	G	$(-1*(23-4)*(5^6+7+8))^{*9}$	-2843749	G	$(1-234*5^6*7+8)/9$
-2681451	G	$(-1*(23-4)*(5^6+7*8))^{*9}$	-2873611	G	$1*23*(4-(5^6-7)^8)+9$
-2685213	G	$(-1*(-23+4)*(-5^6-78))^{*9}$	-2873629	G	$1*23*(4-(5^6-7)^8)-9$
-2696644	G	$1-2-(3^4(4+5)+6^7+8)^{*9}$	-2875000	G	$(-1*2/3^4*5^6)^{*78-9}$
-2696646	G	$-1-2-(3^4(4+5)+6^7+8)^{*9}$	-2876187	G	$1*23*(4-(5^6+7)^8)+9$
-2696661	G	$-1*(2+3^4(4+5)+(6^7+8))^{*9}$	-2876205	G	$1*23*(4-(5^6+7)^8)-9$
-2703861	P	$(-1-2^4(3*4))^{*5+6^7+8})^{*9}$	-2929673	G	$1-2*3/4*(5^6(-6-(7-8))-9)$
-2704656	G	$(1*2*(3^4-5^6))*(78+9)$	-2937362	G	$-1-2+(-3-4/-5^6-6)*(-7*8+9)$
-2720001	G	$-1-((2-3)^4)^5(5+6-7)^{*8+9}$	-2948760	P	$(-1*(-2-3)*(-4^5(56/7)+8))^{*9}$
-2729368	G	$-1+2*(-34-5)/(6^7-7*8)+9$	-2949048	P	$(-1*(-2-3)/4^5(56/-7)-8)^{*9}$
-2732844	G	$(-1*2*(3^4+5^6))*(78+9)$	-2949192	P	$(-1*(-2-3)^4*(5^6/7+8))^{*9}$
-2733749	G	$1-2/3/45^6(6+7-8-9)$	-2949480	P	$(-1*(-2-3)*(4^5(56/7)+8))^{*9}$
-2734690	G	$(1-2-34)^5(5^6(6-7+8)+9)$	-2952156	G	$-1-(2-3*(4-5^6)^{*7+8})^{*9}$

-2953036	G	$(-1*(23+4)/5^{\wedge}-6)*7+89$	-3342337	G	$1-2-3/(4^{\wedge}(5-6-7)/(8+9))$
-2953108	G	$(-1*(23+4)*5^{\wedge}6)*7+8+9$	-3342339	G	$-1-2-3/(4^{\wedge}(5-6-7)/(8+9))$
-2953126	G	$(-1*(23+4)*5^{\wedge}6)*7+8-9$	-3358082	P	$1+23^{\wedge}4^{*-}(5+6-(7-8))+9$
-2953142	G	$(-1*(23+4)*5^{\wedge}6)*7-(8+9)$	-3358100	G	$1-23^{\wedge}4^{*}(5+6-(7-8))-9$
-2953214	G	$(-1*(23+4)/5^{\wedge}-6)*7-89$	-3358227	G	$-1-2-3*4^{*}(5-(-6^{\wedge}7+89))$
-2953668	P	$-1-2-3^{*}-((-4-5^{\wedge}6)*7+8)^{*}9$	-3358421	G	$1+2^{*}(3^{\wedge}4*5-6^{\wedge}(7-8+9))$
-2984448	G	$(1*2^{*}(3^{\wedge}4-5^{\wedge}6))^{*}(7+89)$	-3359503	G	$-1+2^{*}(-3*45-6^{\wedge}(7-(8-9)))$
-2998647	G	$(1*2^{*}3*4^{*}(-5^{\wedge}6+7))^{*}8+9$	-3359511	G	$-1-2-3^{*}(4^{*}(5+6^{\wedge}7)+8)^{*}9$
-2998665	P	$(-1*2^{*}3*4^{*}(-5^{\wedge}6+7))^{*}8-9$	-3360043	G	$-1-2^{*}(3^{\wedge}4*5+6^{\wedge}(7-8+9))$
-2999496	G	$(-1*2/3*4*5^{\wedge}6+7)^{*}8^{*}9$	-3360363	G	$-1-2-3*4^{*}(5+6^{\wedge}7+89)$
-2999655	G	$(-1*2^{*}3^{*}(4*5^{\wedge}6-7))^{*}8+9$	-3362904	G	$(-1*2^{*}3*4^{*}(5^{\wedge}6-7*8))^{*}9$
-2999664	G	$(1*2/3^{*}(-4*5^{\wedge}6+7))^{*}8^{*}9$	-3370788	G	$(-1*2^{*}3^{*}(4/5^{\wedge}-6-78))^{*}9$
-2999673	G	$(-1*2^{*}3^{*}(4*5^{\wedge}6-7))^{*}8-9$	-3373056	G	$(1*2^{*}3^{*}(4^{*}(-5^{\wedge}6+7)+8))^{*}9$
-2999879	P	$-(-1*2^{*}(3*4^{*}-5^{\wedge}6+7))^{*}8+9$	-3373344	P	$(-1*2^{*}-(-3*4^{*}(-5^{\wedge}6+7)+8))^{*}9$
-2999897	P	$-(-1*2^{*}(3*4^{*}-5^{\wedge}6+7))^{*}8-9$	-3373378	G	$1*2+3^{*}(4-(5^{\wedge}6-7)*8)^{*}9$
-2999935	G	$(-1*2^{*}3*4*5^{\wedge}6+7)^{*}8+9$	-3373594	G	$1*2-3^{*}(4+5^{\wedge}6-7)*8)^{*}9$
-2999953	G	$(-1*2^{*}3*4*5^{\wedge}6+7)^{*}8-9$	-3374190	G	$(-1*2^{*}3^{*}(4*5^{\wedge}6-7-8))^{*}9$
-3000047	P	$-(-1*2^{*}3*4^{*}-5^{\wedge}6+7)^{*}8+9$	-3374298	P	$-(-1*2^{*}3*4^{*}-5^{\wedge}6-78)^{*}9$
-3000065	P	$-(-1*2^{*}3*4^{*}-5^{\wedge}6+7)^{*}8-9$	-3374478	P	$-(-1*2^{*}(3^{*}(-4*5^{\wedge}6+7)+8))^{*}9$
-3000103	G	$(-1*2^{*}3^{*}(3*4*5^{\wedge}6+7))^{*}8+9$	-3374550	G	$(-1*2^{*}3^{*}(4*5^{\wedge}-6-7)+8)^{*}9$
-3000121	G	$(-1*2^{*}(3*4*5^{\wedge}6+7))^{*}8-9$	-3374641	G	$1-2+(3^{*}(-4+5^{\wedge}6)+7)^{*}-8^{*}9$
-3000327	P	$(1*2^{*}3^{*}-(-4*5^{\wedge}6+7))^{*}8+9$	-3374643	G	$-1-2+(3^{*}(-4+5^{\wedge}6)+7)^{*}-8^{*}9$
-3000345	P	$(1*2^{*}3^{*}-(-4*5^{\wedge}6+7))^{*}8-9$	-3374694	P	$-(-1*2^{*}3^{*}-(-4*5^{\wedge}6+7)+8)^{*}9$
-3000504	G	$(-1*2/3*4^{*}-5^{\wedge}6+7)^{*}-8^{*}9$	-3374730	P	$-(-1*2^{*}(3*4^{*}-5^{\wedge}6+7+8))^{*}9$
-3001335	G	$(-1*2^{*}3*4^{*}(5^{\wedge}6+7))^{*}8+9$	-3374766	G	$(-1*2^{*}(3^{*}(4*5^{\wedge}6-7)+8))^{*}9$
-3001353	G	$(-1*2^{*}3*4^{*}(5^{\wedge}6+7))^{*}8-9$	-3374865	G	$(-1*2^{*}3*4^{*}5^{\wedge}6+7+8)^{*}9$
-3013629	G	$1+2+(3^{*}-4)^{\wedge}5^{*}(6+7-8/9)$	-3374935	G	$(-1*(23+4)*5^{\wedge}6+7)^{*}8+9$
-3015552	G	$(-1*2^{*}(3^{\wedge}4+5^{\wedge}6))^{*}(7+89)$	-3374946	G	$(1*2^{*}3^{*}(-4*5^{\wedge}6-(7-8)))^{*}9$
-3041283	G	$-1-2+(3^{*}-4)^{\wedge}5^{*}(6-7^{*}-8/9)$	-3374953	G	$(1^{*}(-23-4)*5^{\wedge}6+7)^{*}8-9$
-3070704	G	$(1-2-3^{\wedge}(4+5))^{*}(67+89)$	-3375047	P	$-(-1*(23+4)*5^{\wedge}6-7)^{*}8+9$
-3078131	P	$1-23^{\wedge}4^{*}(5+6)-7^{*}-(8+9)$	-3375054	G	$(-1*2^{*}3^{*}(4*5^{\wedge}6-7+8))^{*}9$
-3078204	G	$(-1*23^{\wedge}4)^{*}(5+6)+7*8-9$	-3375065	P	$-(-1*(23+4)*5^{\wedge}6-7)^{*}8-9$
-3078257	P	$(1*23)^{\wedge}4^{*}-(5+6)-7-8+9$	-3375135	P	$-(-1*2^{*}3*4^{*}-5^{\wedge}6+7+8)^{*}9$
-3078275	P	$(1*23)^{\wedge}4^{*}-(5+6)-7-(8+9)$	-3375234	P	$(-1*2^{*}-(-3^{*}(4*5^{\wedge}6+7)+8))^{*}9$
-3078369	P	$1+23^{\wedge}4^{*}-(5+6)-7^{*}(8+9)$	-3375270	G	$(-1*2^{*}(3*4*5^{\wedge}6+7+8))^{*}9$
-3078821	G	$(-1*23^{\wedge}4*5-6^{\wedge}(7-8+9))$	-3375306	P	$(1*2^{*}3^{*}-(-4*5^{\wedge}6+7)+8)^{*}9$
-3092364	G	$(-1^{*}(-2-3/4)^{*}(-5^{\wedge}6+7))^{*}8^{*}9$	-3375450	P	$-(-1*2^{*}3^{*}(4*5^{\wedge}6+7)+8)^{*}9$
-3093246	G	$(-1^{*}(2+3/4)*5^{\wedge}6+7)^{*}8^{*}9$	-3375522	G	$(-1*2^{*}(3^{*}(4*5^{\wedge}6+7)+8))^{*}9$
-3094254	P	$(-1^{*}(2+3/4)*5^{\wedge}6-7)^{*}8^{*}9$	-3375702	P	$-(-1*2^{*}3*4/(-5^{\wedge}-6+78))^{*}9$
-3095736	G	$(-1*2^{*}(-3-4^{\wedge}5*6)^{*}(7*8^{*}9))$	-3375810	G	$(-1*2^{*}3^{*}(4*5^{\wedge}6+(7+8)))^{*}9$
-3096363	G	$-1-2+(3-4^{\wedge}5*6*7)^{*}8^{*}9$	-3376369	G	$1-2+(-3^{*}(-4-5^{\wedge}6)+7)^{*}-8^{*}9$
-3096408	G	$(1+2/(-3-4^{\wedge}5*6)^{*}(7*8^{*}9))$	-3376371	G	$-1-2+(-3^{*}(-4-5^{\wedge}6)+7)^{*}-8^{*}9$
-3096744	G	$(1+2/(-3+4^{\wedge}5*6)^{*}(-7*8^{*}9))$	-3376402	G	$1*2+3^{*}(4-(5^{\wedge}6+7)*8)^{*}9$
-3097416	G	$(1-2/(-3+4^{\wedge}5*6)^{*}(-7*8^{*}9))$	-3376618	G	$1*2-3^{*}(4+5^{\wedge}6+7)*8)^{*}9$
-3105651	G	$-1-2+(-3-4^{\wedge}5)^{*}6*7*8^{*}9$	-3376656	G	$(-1*2^{*}(3*4^{*}(5^{\wedge}6+7)+8))^{*}9$
-3117055	G	$1+2^{\wedge}(3^{\wedge}4)^{*}(5-(-6-78)^{*}9)$	-3376944	P	$(1*2^{*}3^{*}-(-4*(5^{\wedge}6+7)+8))^{*}9$
-3124989	G	$-1-2^{*}(3+(4*(5/(6-7)))^{\wedge}8-9))$	-3379212	P	$(1*2^{*}3^{*}-(-4/5^{\wedge}-6+78))^{*}9$
-3129598	G	$-1-(2+3+4)^{\wedge}5^{*}(6-(-7*8+9))$	-3387096	G	$(-1*2^{*}3*4^{*}(5^{\wedge}6+7*8))^{*}9$
-3145754	P	$-1+2+3^{*}(-4^{\wedge}-(-5+6+7)+8)-9$	-3390616	G	$(1^{*}(2^{\wedge}-3-4)*5^{\wedge}6)^{*}7*8+9$
-3145758	P	$-1-2+3^{*}(-4^{\wedge}-(-5+6+7)+8)-9$	-3390634	G	$(1^{*}(2^{\wedge}-3-4)*5^{\wedge}6)^{*}7*8-9$
-3147822	P	$(-1*2^{*}-(-3^{\wedge}4-5/(6^{\wedge}-7*8)))^{*}9$	-3391848	P	$(-1*2^{*}3*4^{*}-(-5^{\wedge}6-78))^{*}9$
-3150738	G	$(-1*2^{*}(3^{\wedge}4+5/(6^{\wedge}-7*8)))^{*}9$	-3405889	G	$-1-(2^{*}34+5)^{*}6^{\wedge}(7+8-9)$
-3157056	G	$(1*2^{*}(3^{\wedge}-4+5))/(6^{\wedge}-7^{*}-8)^{*}9$	-3411720	G	$(-1*2^{*}3^{\wedge}4)^{*}5*6*7*8^{*}9$
-3184254	G	$1^{*}(2-3^{\wedge}4*5*6*7*8)^{*}9$	-3452547	G	$-1-2+(3^{*}-4)^{\wedge}5^{*}(6-7/-8^{*}9)$
-3184290	G	$-1^{*}(2+3^{\wedge}4*5*6*7*8)^{*}9$	-3455997	G	$1+2+(3^{*}-4)^{\wedge}5^{*}(6+7+8/9)$
-3188527	G	$(-1-2-3)^{*}(4+5)^{\wedge}6+7^{*}(8+9)$	-3483531	G	$-1+2^{*}(((3^{*}-4)^{\wedge}5+6)^{*}7+8+9)$
-3199870	G	$1+((-2-3)^{*}4)^{\wedge}5-(-6-(7+8)^{*}9)$	-3483651	P	$-1-2+(3^{*}4)^{\wedge}5^{*}-(-6+7-(8-9))$
-3208075	G	$-1-(2^{\wedge}(3*4)-5*6)^{*}7*89$	-3483743	G	$-1+2^{*}(((3^{*}-4)^{\wedge}5+6)^{*}7-89)$
-3226826	G	$-1-((2+3*4)^{\wedge}5*6-7^{*}(8+9))$	-3499911	G	$(1*2^{\wedge}3*4^{*}-5^{\wedge}6)^{*}7+89$
-3233561	G	$-1+2^{*}3^{\wedge}4*5^{\wedge}6-7^{\wedge}8-9$	-3499951	G	$(1*2+3-4*5^{\wedge}6*7)^{*}8+9$
-3235206	G	$-1-(2+3^{*}(4+5^{\wedge}6)^{*}(78-9))$	-3499969	G	$(1*2+3-4*5^{\wedge}6*7)^{*}8-9$
-3249991	G	$(-1*2/3*4*5^{\wedge}6)^{*}7*8+9$	-3499975	G	$(1-2+3-4*5^{\wedge}6*7)^{*}8+9$
-3250000	G	$(1-23-4)/(5^{\wedge}-6/(7-8+9))$	-3500007	P	$-(-1-2+3-4^{*}-5^{\wedge}6*7)^{*}8+9$
-3250009	G	$(-1*2/3*4*5^{\wedge}6)^{*}7*8-9$	-3500008	G	$(-1-2^{\wedge}3*4*5^{\wedge}6)^{*}7+8-9$
-3281249	G	$1-(2/3+4)^{*}(5^{\wedge}(6-(7-8)))^{*}9$	-3500025	P	$-(-1-2+3-4^{*}-5^{\wedge}6*7)^{*}8-9$
-3281520	G	$-1+(2*3*4*5^{*}-6-7)^{*}89$	-3500049	P	$-(-1*2+3-4^{*}-5^{\wedge}6*7)^{*}8-9$
-3306754	G	$-1-2/(3^{\wedge}(-4-5)/(6+78))-9$	-3500072	G	$(-1*2^{\wedge}3*4*5^{\wedge}6)^{*}7-8^{*}9$
-3313632	G	$(1*2^{*}3^{\wedge}-4)^{*}(5^{\wedge}6+7-8^{*}9)$	-3500089	G	$(-1*2^{\wedge}3*4*5^{\wedge}6)^{*}7-89$
-3319867	G	$-1+2^{*}(3^{\wedge}(4+5)-6^{\wedge}(7-(8-9)))$	-3504020	P	$-1+(2^{*}(-3^{\wedge}-(-4-5)-6)+7)^{*}89$
-3337200	G	$(-1-23)^{*}(4^{\wedge}5+6)^{*}(7+8)^{*}9$	-3514755	G	$-1-2+(3*4)^{\wedge}5^{*}(-6+7/8-9)$

-3515754	G	$-1-2^{-(3+4)}-(5/(6-7))^{*8*9}$	-3906941	P	$-1-2^{*(345-(-(6+7)+8)^{*9}}$
-3516922	P	$-(1+(2^3)^4)-(5/(6-7))^{*8*9}$	-3907441	G	$-1-2^3*4^5*5^6*7^8*9$
-3519722	P	$-(1+2^{(3^4)})-(5/(6-7))^{*8*9}$	-3918700	G	$1-23^4*5^6-(6^7+8)^*9$
-3520000	P	$(-1+23)^*-(4^5)^{-(-(-6-7+8)-9)}$	-3920351	G	$-1-(2^3-4^5)^*(-6^7-89)$
-3545859	G	$-1-2+(3^4)^{*5}*(-6^7/8-9)$	-3937411	G	$(-1^*(2+34)/5^6)^*7+89$
-3551231	G	$1-2^{(3^4)*}*((-5-6)^*-78+9)$	-3937422	G	$((1^2)/3-4^5*6^7+8)^*9$
-3578905	G	$1-2-3^4*5^6*789$	-3937434	P	$-((1^2)/3+4^5*6^7-8)^*9$
-3578906	G	$-1^2-3^4*5^6*789$	-3937473	G	$(-1^2-3-4^5*6^7+8)^*9$
-3602992	P	$1+2-3/4^5/6^*-(-7^8+9)$	-3937483	G	$(-1^*(2+34)^5*6^7+8+9)$
-3603003	G	$-1+2^3-3^*(4+5^*(6-(7^8+9)))$	-3937501	G	$(-1^*(2+34)^5*6^7+8-9)$
-3609366	G	$(-1^*(2^3-3+4)^5*6^7+8+9)$	-3937517	G	$(-1^*(2+34)^5*6^7-(8+9))$
-3609384	G	$(-1^*(2^3-3+4)^5*6^7+8-9)$	-3937566	G	$((1^2)/3-4^5*6^7-8)^*9$
-3638087	P	$((1^23)^4+5)^*-(6+7)-89$	-3937578	P	$-((1^2)/3+4^5*6^7+8)^*9$
-3649539	G	$-1-2+(3^4)^{*5}*(-6-78/9)$	-3937589	G	$(-1^*(2+34)/5^6)^*7-89$
-3654630	G	$-1-(-234^*(-5^6+7)+8)-9$	-3950211	G	$-1-2+(3^4)^5*6^7-(8-9)$
-3655799	P	$(1-(2-3)^4*5^6)^*7^*-8+9$	-3981976	G	$-1-(2^*((3^4)^5-6^7-7)^*8-9)$
-3656168	G	$-1^*234^5*6^7+89$	-3998199	G	$(-1^*2^3*4^5*(-5^6+7))^*8+9$
-3656329	G	$-1^*234^5*6^7-8*9$	-3998217	G	$(-1^*2^3*4^5*(-5^6+7))^*8-9$
-3656346	G	$-1^*234^5*6^7-89$	-3999543	G	$(1^*2^3*4^5*(-5^6+7))^*8+9$
-3657906	P	$-1+234^*(5^6+7)+8-9$	-3999561	G	$(-1^*2^3*4^5*(5^6-7))^*8-9$
-3659353	G	$1+(2/-34)^{-5-6^7*8-9}$	-4000439	G	$(-1^*2^3*4^5*(5^6+7))^*8+9$
-3699153	P	$(-1+2^3-(3-4^5+6^7)-8)^*9$	-4000457	G	$(-1^*2^3*4^5*(5^6+7))^*8-9$
-3699472	G	$(1^*2^3*(3^4-5^6))^*7^*(8+9)$	-4001783	G	$(-1^*2^3*4^5*(5^6+7))^*8+9$
-3704076	G	$-1-(2-3)^*(-4-5^6)^*(7+8^9)$	-4001801	G	$(-1^*2^3*4^5*(5^6+7))^*8-9$
-3704905	G	$-1+(2^3*4^5*6^7-8)^*9$	-4038337	G	$-1-(2^3)^4*(5^6(6+7-8)-9)$
-3706672	P	$(-1^*2/3^4*5^6-(-5^6+7))^*89$	-4059075	G	$-1-(2+(3-(4+5))^6*(78+9))$
-3707918	G	$(-1^*2/3^*(4/5^6-6-7))^*89$	-4062491	G	$((1^2)/3-4)^5*6^7+8+9$
-3714314	G	$-1+(2-(3+4)^5*6^7)^*(8+9)$	-4062509	G	$((1^2)/3-4)^5*6^7+8-9$
-3718681	G	$-1-2-34^5*6^7+8^9$	-4085793	G	$1+(23^4-5)^6*7^8-9$
-3718823	G	$1-2-34^5*6^7-8^9$	-4087505	G	$-1^2-3^4*5^6*7^8$
-3718824	G	$1-(-2-34/-5^6-6)^*7-89$	-4125000	G	$(-1^*(2+3/4)/5^6)^*(7+89)$
-3731520	G	$(-1^2)/3^*(4^5*6^7-8^9)$	-4139263	G	$1-2-3^4*5^6*7^8$
-3732498	G	$-1-(2/3^4*5^6/6^7-7+8)-9$	-4194463	G	$-1-23-4^5(5+6)-(7+8)^*9$
-3733440	G	$(-1^2)/3^*(4^5*6^7+8^9)$	-4194930	G	$(1-2)^*(3+4^5(5+6)+7^8+9)$
-3738028	P	$(1^*2^3*(3^4+5^6))^*7^*(8+9)$	-4195009	G	$(1-2)^*(3+4^5(5+6)+78^9)$
-3748320	G	$(1^*(2/-3+4)^5*(-5^6+7))^*8^*9$	-4196880	G	$(-1^*2^3*(3^4-5^6))^*(7-8)^*9$
-3749496	G	$((1^2)/3-4)^5*6^7+8^*9$	-4197696	G	$-1-(2-3^*(4-5^6(6^7-89)))$
-3750504	G	$(1^*(2/3-4)^5*6^7-8)^*9$	-4198073	G	$1-(23^4+5^6)^*(7+8)-9$
-3777921	G	$(1^*(-23-4)^5*(5^6-78))^*9$	-4198464	P	$((1^23)^4+56)^*-(7+8)-9$
-3778728	G	$1+2+3^4*(5-6^7(7+8-9))$	-4198760	G	$1+2+3^*(4-(5/6^7-89))$
-3778732	G	$1-2+3^4*(5-6^7(7+8-9))$	-4198764	G	$-1-2+3^*(4-(5/6^7-89))$
-3779538	G	$1+2-3^4*(5+6^7(7+8-9))$	-4198815	G	$-1-2+3^*(4-5/6^7+8^9)$
-3779542	G	$1-2-3^4*(5+6^7(7+8-9))$	-4198884	G	$-1-2+3^*(4-5^6(6^7-8)+9)$
-3783267	G	$(1^*(-23-4)^5*(5^6-7^8))^*9$	-4198942	G	$-1-(2-3^*(4-5^6*7-89))$
-3793230	G	$(1^*(-23-4)^5*(5^6-7+8))^*9$	-4199247	G	$-1-2+3^*(4-5/6^7-8^9)$
-3795102	P	$(-1^*(-23-4)^5*(-5^6+7-8))^*9$	-4229926	G	$-1-(2-((3^4)^5-6+7))^*(8-9)$
-3795246	G	$(-1^*(-23-4)^5*(-5^6+7-8))^*9$	-4230164	P	$-1-2-((3^4)^5+6+7)^*(8+9)$
-3796740	G	$(-1^*(23+4)^5*6^7+8)^*9$	-4230368	G	$-1-2-((3^4)^5+6+7)^*(8+9)$
-3797010	G	$(-1^*(23+4)^5*6^7-8)^*9$	-4231250	G	$-1+(2-(3^4)^5-6)^*(8+9)$
-3798504	G	$(-1^*(23+4)^5*(5^6+7-8))^*9$	-4231286	P	$-1-2+((3^4)^5+6)^*(8+9)$
-3798648	G	$(-1^*(23+4)^5*(5^6+7-8))^*9$	-4240620	G	$(-1^*2^3*(3^4+5^6))^*(7+8)^*9$
-3800520	G	$(-1^*(23+4)^5*(5^6+7+8))^*9$	-4249934	G	$-1+(2-(34^5*6-7)^8+9)$
-3801147	G	$-1-2^3*(4^5-6)^7+8-9$	-4251280	G	$-1+(23-(4+5)^6+7)^8+9$
-3810483	G	$(1^*(-23-4)^5*(5^6+7^8))^*9$	-4251648	G	$-1-2^3*(4+5)^6-7^*(8+9)$
-3815829	G	$(-1^*(-23-4)^5*(-5^6-78))^*9$	-4251778	G	$-1-(23+(4+5)^6+7)^8-9$
-3834541	G	$-1-2^3*4^5*6^7*89$	-4271801	P	$-(1-(2^3+4)^5*6^7+8)+9$
-3838929	G	$-1-2+(-3-4^5)^6*7^8*9$	-4271819	P	$-(1-(2^3+4)^5*6^7+8)-9$
-3842769	G	$-1-(2+3^*(4-5^6)^*(7-89))$	-4302066	P	$-(1+((2+3^4)^5-6)^7)^8-9$
-3843345	G	$-1-2/3^*(4^5*6^7+8)-9$	-4313781	P	$-(1+(-2+3+4^5*6)^7)^8*9$
-3906069	P	$1-2^3-(3^4-5^6(-6-(-7-8))+9)$	-4323627	G	$1+2-3/4^5*(5^6+7^8+9)$
-3906105	P	$1-2^3-(3^4-5^6(-6-(-7-8))+9)$	-4325727	G	$-1-2+(-3-4^5)^6*7^8*9$
-3906163	P	$1+2^3*(34-5^6(-6-7)+8)+9$	-4344942	P	$-(1-(2/34)^{-5+6+7^8})+9$
-3906199	P	$1+2^3*(34-5^6(-6-7)+8)-9$	-4349946	G	$-1-(2+3^4(4+5)^6(6+7)^8(8+9))$
-3906229	P	$1+2^3*(-(3-(4-5^6(-6-7)+8)))$	-4357422	G	$(1^*(-2^3-3+4)^5*(5^6+7))^*8^*9$
-3906262	G	$1^*2^3*(3-(4+5+(6+7-8)^9))$	-4358871	G	$(-1^*(-2^3-3+4)^5*6^7+8)^*9$
-3906269	P	$1-2^3*(-(3-(4+5^6(-6-7)+8)))$	-4359879	G	$(1^*(2^3-3+4)^5*6^7+8)^*9$
-3906281	P	$1-2^3*(3+4+5^6(-6-7)+8)+9$	-4361328	G	$(1^*(2^3-3+4)^5*(5^6+7))^*8^*9$
-3906299	P	$1-2^3*(34+5^6(-6-7)+8)-9$	-4365593	P	$-(1^*23^4)^5*6-7^8+9$
-3906393	P	$1+2^3-(3^4-(-5^6(-6-(-7-8))+9))$	-4365600	G	$-1+23^4*5^6+7^8-9$
-3906429	P	$1+2^3-(3^4+5^6(-6-(-7-8))+9)$	-4365611	P	$-(1^*23^4)^5-(6+7^8+9)$

-4373906	G	$-1-(2^3 \cdot 4^5 \cdot 6-7) \cdot 89$	-4756328	P	$(-1 \cdot 2^* - (-3^4 + 5) + 6^7) \cdot (-8+9)$
-4379513	G	$-1+2^3 \cdot (4^5 \cdot 6-7) \cdot 89$	-4756620	G	$-1-2+(3^4 \cdot 5-6^7) \cdot (8+9)$
-4424304	G	$-1-2+(3^4(4+5)-6^7) \cdot (8+9)$	-4756859	G	$-1+2^*(3+4^5)-6^7 \cdot (8+9)$
-4428685	P	$-(1+(2+3+4)^5 \cdot (67+8)) \cdot 9$	-4757743	G	$-1+234^5 \cdot 6^7 \cdot (8+9)$
-4432321	G	$-1-(23-4)^5 \cdot 6^7 \cdot (7+8) \cdot 9$	-4757878	G	$-1+23^4 \cdot 45-6^7 \cdot (8+9)$
-4456449	G	$-1-(2^3 \cdot 3-4)^5 \cdot (5+6+7) \cdot (8+9)$	-4758099	G	$-1-(2-(3+(45-6^7))) \cdot (8+9)$
-4477446	G	$1+23^4 \cdot (-56/7-8)+9$	-4758102	P	$(1 \cdot 2^3 \cdot 3^4) \cdot 5-6^7 \cdot (-8-9)$
-4477591	G	$(1 \cdot 2^* (3^4 + 5 - 6^7)) \cdot 8+9$	-4758156	G	$-1-(2^3(3+4)-5-6^7) \cdot (8+9)$
-4477609	G	$(1 \cdot 2^* (3^4 + 5 - 6^7)) \cdot 8-9$	-4758171	G	$-1-(23-(45-6^7)) \cdot (8+9)$
-4477751	G	$(1 \cdot 2^* (3^4 - (5+6^7))) \cdot 8+9$	-4758223	G	$-1+2^* 345-6^7 \cdot (8+9)$
-4477769	G	$(1 \cdot 2^* (3^4 - (5+6^7))) \cdot 8-9$	-4758252	G	$-1-(2-(34+(5-6^7))) \cdot (8+9)$
-4478184	G	$1-(23^4-5+6^7) \cdot 8-9$	-4758273	G	$-1+2^{\wedge}(3+4) \cdot 5-6^7 \cdot (8+9)$
-4480183	G	$(-1 \cdot 2^* (3^4 - (5-6^7))) \cdot 8+9$	-4758422	G	$-1-(2-(34-5-6^7)) \cdot (8+9)$
-4480201	G	$(-1 \cdot 2^* (3^4 - (5-6^7))) \cdot 8-9$	-4758524	G	$-1-2+(3+4^5-6^7) \cdot (8+9)$
-4480343	G	$(-1 \cdot 2^* (3^4 + 5 + 6^7)) \cdot 8+9$	-4758596	P	$-(1+23)+(4^5-6^7) \cdot (8+9)$
-4480361	G	$(-1 \cdot 2^* (3^4 + 5 + 6^7)) \cdot 8-9$	-4758746	G	$(-1+2) \cdot (3^4 + 5 - 6^7) \cdot (8+9)$
-4483872	P	$(1 \cdot 2^3 \cdot 3^4 \cdot (-5^6-7^8)) \cdot 9$	-4758780	G	$-1-2+3^4 \cdot 5-6^7 \cdot (8+9)$
-4494384	G	$(-1 \cdot 2^3 \cdot 3^4 \cdot (4^5 \cdot 6-78)) \cdot 9$	-4759258	P	$(-1 \cdot 2^*) \cdot 3+(4^5+6^7) \cdot (-8+9)$
-4495680	P	$(1 \cdot 2^3 \cdot 3^4 \cdot (-5^6-(7+8))) \cdot 9$	-4759374	G	$-1-(2+(3^4(4+5)+6^7)) \cdot (8+9)$
-4495968	G	$(-1 \cdot 2^* (3^4 + 5 + 6^7)) \cdot 8+9$	-4759510	G	$-1-(2+((3+4) \cdot 5+6^7)) \cdot (8+9)$
-4497551	P	$1+(2^3 \cdot 3^4 \cdot (-5^6+7)) \cdot 8+9$	-4759629	G	$-1-(2-(3-45-6^7)) \cdot (8+9)$
-4497978	G	$1 \cdot 2^3 \cdot 3^4 \cdot (5^6-7) \cdot 8+9$	-4759722	P	$(1 \cdot 2^3 \cdot 3^4) \cdot 5-6^7 \cdot (-8-9)$
-4497982	G	$1-2+3-4^*(5^6-7) \cdot 8+9$	-4760214	G	$-1-((2^3) \cdot 4+5)-6^7 \cdot (8+9)$
-4498006	G	$1-23-4^*(5^6-7) \cdot 8+9$	-4760426	G	$1-2+(3-4^5) \cdot (6^7+89)$
-4499170	G	$-1-2-3^4 \cdot 5^6-7^8+9$	-4760428	G	$-1-2+(3-4^5) \cdot (6^7+89)$
-4499186	P	$(-1+2-3^4 \cdot 5^6+7^8) \cdot 9$	-4760955	G	$-1+2^*(3-4^5)-6^7 \cdot (8+9)$
-4499188	G	$-1-(2-(3^4 \cdot 5^6-7^8)+9)$	-4761496	P	$(-1 \cdot 2^* - (-3^4 + 5) - 6^7) \cdot (8+9)$
-4499935	G	$(-1 \cdot (2+34) \cdot 5^6+7) \cdot 8+9$	-4761581	G	$(-1 \cdot 2^* (2 \cdot 3^4 - 5 + 6^7)) \cdot (8+9)$
-4499997	G	$1+2+3^4/(5^6-6/(-7-8-9))$	-4772682	P	$((1 \cdot 2^3 \cdot 3^4) \cdot 5+6^7) \cdot (-8+9)$
-4500003	G	$-1-2+3^4/(5^6-6/(-7-8-9))$	-4776272	G	$-1-(2-(3-4^5-6^7)) \cdot (8+9)$
-4500291	G	$-1-2-(-3+4^5+6^7) \cdot 8+9$	-4776322	G	$-1+(2-3-(4^5+6^7)) \cdot (8+9)$
-4500937	G	$-1-(2^3 \cdot 4/-5^6-6+7) \cdot 8+9$	-4776338	G	$-1+(2-(3+4^5)-6^7) \cdot (8+9)$
-4501585	G	$-1+(2^3 \cdot 3^4 \cdot (5^6+7)) \cdot 8+9$	-4780944	G	$(1-2) \cdot 34^*(5^6+7-8) \cdot 9$
-4502010	G	$1+2+3-4^*(5^6+7) \cdot 8+9$	-4781114	P	$(-1-2)-(34^5 \cdot 6-7-8) \cdot 9$
-4502012	G	$-1+2+3-4^*(5^6+7) \cdot 8+9$	-4781116	G	$1-2-(34^5 \cdot 6-7-8) \cdot 9$
-4502014	G	$1-2+3-4^*(5^6+7) \cdot 8+9$	-4781384	P	$(-1-2)-(34^5 \cdot 6+7+8) \cdot 9$
-4502021	G	$1-2^3 \cdot 3^4 \cdot (5^6+7) \cdot 8+9$	-4781556	G	$(1-2) \cdot 34^*(5^6-7+8) \cdot 9$
-4502038	G	$1-23-4^*(5^6+7) \cdot 8+9$	-4781949	G	$1+2-(34^5 \cdot 6+78) \cdot 9$
-4502232	G	$(-1-(23+4/5^6-7) \cdot 8+9)$	-4781950	G	$1 \cdot 2-(34^5 \cdot 6+78) \cdot 9$
-4504032	G	$(-1 \cdot 2^3 \cdot 3^4 \cdot (4^5 \cdot 6+7^8)) \cdot 9$	-4781951	G	$-1+2-(34^5 \cdot 6+78) \cdot 9$
-4504320	P	$(1 \cdot 2^3 \cdot 3^4 \cdot (-5^6+7+8)) \cdot 9$	-4782871	G	$1 \cdot 2-3^4(4^5-6)+7+89$
-4516128	P	$(1 \cdot 2^3 \cdot 3^4 \cdot (-5^6+7^8)) \cdot 9$	-4783317	G	$1+2-(34^*(5^6+7)-8) \cdot 9$
-4522464	P	$(1 \cdot 2^3 \cdot 3^4 \cdot (-5^6+78)) \cdot 9$	-4811139	G	$-1-(2+(3^4 \cdot 5^6+6^7)) \cdot (8+9)$
-4525633	G	$-1-(23^4+5) \cdot 6^7(7+8-9)$	-4826020	P	$(-1-23+4+5) \cdot 6^7+789$
-4593678	G	$((-1 \cdot (2/3+4) \cdot 5^6) \cdot 7+8) \cdot 9$	-4826807	G	$1 \cdot 2-(3^4-5+6)^7(7+8-9)$
-4593822	P	$(-((1 \cdot (2/3+4) \cdot 5^6) \cdot 7+8) \cdot 9)$	-4826811	G	$-1 \cdot 2-(3^4-5+6)^7(7+8-9)$
-4599912	G	$-1-2-3^4 \cdot 5^6+789$	-4828561	G	$(-1-2^{\wedge}(3+(4+5))-6^7) \cdot (8+9)$
-4605346	P	$(-1-(-2+3+4)^5+6) \cdot 78+9$	-4830031	G	$-1-2^3 \cdot 3^4 \cdot 5^6 \cdot 6^7 \cdot 89$
-4606377	G	$(-1-(2+3+4)^5-6) \cdot 78-9$	-4837328	G	$1 \cdot (2-3+4^5)^6-7^8 \cdot 8+9$
-4611869	G	$-1-23-4/-5^*(6-7^8)-9$	-4841527	P	$-1-(-2+3+4)^5+6) \cdot (7-89)$
-4633340	P	$(-1 \cdot (2/-3+4) \cdot (-5^6+7)) \cdot 89$	-4857085	G	$-1+2^*(3^4-5^6) \cdot 789$
-4638546	G	$(1 \cdot (2^{\wedge}-3+4) \cdot (-5^6+7)) \cdot 8+9$	-4875007	G	$1-2+3-4^5 \cdot 6^7-8-9$
-4640121	G	$(-1 \cdot (2^{\wedge}-3+4) \cdot 5^6+7) \cdot 8+9$	-4898041	G	$-1-(2+3^4) \cdot 5^6(6/7^8+9)$
-4641129	P	$(-1 \cdot (2^{\wedge}-3+4)/5^6-7) \cdot 8+9$	-4921946	P	$1-((2+3)^{\wedge}-4-(5+6)) \cdot 7+8) \cdot 9$
-4642704	G	$(-1 \cdot (2^{\wedge}-3+4) \cdot (5^6+7)) \cdot 8+9$	-4942621	G	$-1-2^3 \cdot 3^4 \cdot 5^6 \cdot 6^7 \cdot 8+9$
-4665343	G	$1+2^{\wedge}(3+4+5) \cdot 6^7 \cdot (8+9)$	-4954251	G	$-1-2+(-3-4^5) \cdot 6^7 \cdot 8+9$
-4687494	G	$-1-2-3^4/(5^6(6-7))^{\wedge}-8+9$	-4960126	P	$(-1+(2+3+4)^5 \cdot (6+78)) \cdot 9$
-4687544	G	$1-(-2-3) \cdot (4/(5^6-6/(-7-8))-9)$	-4976581	G	$-1-(2^*(3^4-4)^5+6) \cdot (7-(8+9))$
-4687611	G	$-1-2-3^4 \cdot ((5^6(6-7))^{\wedge}+8+9)$	-5031250	G	$(-1 \cdot (2/3+4) \cdot 5^6) \cdot (78-9)$
-4701917	G	$-1-(2^*(3-(4+5)^6)+7^8)+9$	-5031259	G	$(1 \cdot 23/4^5 \cdot 5^6) \cdot 7^8-9$
-4711465	P	$1-2-3^*(4^{\wedge}(5+6)-7^8)-9$	-5035775	G	$-1+2+3^*(4^5-6^7(7-8+9))$
-4711485	P	$-1-2-3^*(4^{\wedge}(5+6)-7^8)+9$	-5035779	G	$-1-2+3^*(4^5-6^7(7-8+9))$
-4718305	G	$-1+2^3 \cdot (4-(5+6-7)^8) \cdot 9$	-5037372	G	$(1 \cdot 2^* (3^4 + 5 - 6^7) - 8) \cdot 9$
-4741456	G	$-1-(2-(3+(4^5-6^7))) \cdot (8+9)$	-5037408	G	$(1 \cdot 2^* (3^4 - (5+6^7)) + 8) \cdot 9$
-4741522	G	$-1+(2-(3-4^5)-6^7) \cdot (8+9)$	-5037444	G	$(1 \cdot 2^* ((3^4+5-6^7)-8)) \cdot 9$
-4741528	G	$-1-(23-(4^5-6^7)) \cdot (8+9)$	-5038303	G	$-1+2^*(345-(6^7+8) \cdot 9)$
-4745142	G	$((1 \cdot 2^3 \cdot 3^4) \cdot 5-6^7) \cdot (8+9)$	-5038537	G	$-1+2^*(3+(4+5-(6^7-8))) \cdot 9$
-4753048	G	$1-2+(345-6^7) \cdot (8+9)$	-5038890	G	$-1-(2+3^*(4+(5-(6-7))^{\wedge}+8+9))$
-4753050	G	$-1-(2-(345-6^7)) \cdot (8+9)$	-5039077	G	$-1+2^*(3-45-(6^7+8) \cdot 9)$
-4756025	G	$-1-2+(34^5-6^7) \cdot (8+9)$	-5039695	G	$-1+2^*(34-5-6^7-8) \cdot 9$

-5040252	P	$(1*2*(-(3^4+5+6^7)+8))^*9$	-5560007	G	$-1*2+3-4*(5^6-7)*89$
-5040288	P	$-(1*2*(3^4-(5-6^7))+8)*9$	-5560012	G	$1-2-3-4*(5^6-7)*89$
-5040324	G	$(-1*2*(3^4+5+6^7)+8)*9$	-5560030	G	$1-23-4*(5^6-7)*89$
-5041923	G	$-1-(2+3*(4^4+5+6^7(7-8+9)))$	-5561789	G	$-1-(2-3+4*5^6-7)*89$
-5044356	G	$(-1*(2+34)*(5^6-7^8))^*9$	-5561869	G	$(1*2)^3-(4*5^6-7)*89$
-5046756	G	$(-1*(23-4)/5^6-7^8)^*(8+9)$	-5561884	G	$-1-2*3-(4*5^6-7)*89$
-5046994	P	$(-1*(23-4)/5^6-7)^*(8+9)$	-5563115	G	$(1*2)^3-(4*5^6+7)*89$
-5049136	G	$(-1*(23-4)*(5^6+7))^*(8+9)$	-5563130	G	$-1-2*3-(4*5^6+7)*89$
-5057640	G	$(-1*(2+34)*(5^6-(7+8)))^*9$	-5564968	G	$1+23-4*(5^6+7)*89$
-5060160	P	$(-1*(-2-34)*(-5^6+7)-8)^*9$	-5564986	G	$1+2+3-4*(5^6+7)*89$
-5060304	G	$(-1*(-2-34)*(-5^6+7)-8)^*9$	-5564990	G	$1-2+3-4*(5^6+7)*89$
-5061798	G	$(-1*((-2-34)*5^6-78))^*9$	-5564996	G	$1-2-3-4*(5^6+7)*89$
-5061996	G	$(-1*(2+34)/5^6-7^8)^*9$	-5565014	G	$1-23-4*(5^6+7)*89$
-5062365	G	$(-1*(2+34)*5^6+7^8)^*9$	-5596918	G	$-1+23-4*5*(6^7-89)$
-5062635	G	$(-1*(2+34)*5^6-(7+8))^*9$	-5596947	G	$1-2^3-4*5*(6^7-89)$
-5063004	G	$(-1*(2+34)/5^6-7^8)^*9$	-5596949	G	$-1-2^3-4*5*(6^7-89)$
-5063202	G	$(1*(-2-34)*5^6-78)^*9$	-5596964	G	$-1-23-4*5*(6^7-89)$
-5064696	G	$(-1*((2+34)*5^6+7-8))^*9$	-5597258	G	$-1+23-4*5*(6^7-8^9)$
-5064840	G	$(-1*(2+34)*(5^6+7)-8)^*9$	-5597304	G	$-1-23-4*5*(6^7-8^9)$
-5067360	G	$(-1*(2+34)*(5^6+7+8))^*9$	-5598370	G	$-1-(2+3+4*(5^6+7-89))$
-5080644	G	$(1*(-2-34)*(5^6+7^8))^*9$	-5598434	G	$-1+2-3-4*(5/6^7-7-8^9)$
-5087772	G	$(-1*(-2-34)*(-5^6-78))^*9$	-5598824	G	$1+(-2-3)*(4*(5+6^7)-8+9)$
-5093526	G	$-1-2-(3^4(4+5)+6^7)^*(8+9)$	-5598833	G	$-1-23-4*5/6^7-89$
-5124976	G	$1+23+4*5^6*(7-89)$	-5599100	G	$-1-(23+4*(5^6+7+89))$
-5124978	G	$-1+23+4*5^6*(7-89)$	-5600138	G	$-1+23-4*5*(6^7+8^9)$
-5125022	G	$1-23+4*5^6*(7-89)$	-5600184	G	$-1-23-4*5*(6^7+8^9)$
-5125024	G	$-1-23+4*5^6*(7-89)$	-5600506	G	$(-1*2)^3-4*5*(6^7+89)$
-5188332	G	$-1-2-3/(4*5)*(6*(7^8+9))$	-5600523	P	$(-1*23)-4*5*(-6^7-89)$
-5247648	G	$(1*(2/3+4)*(-5^6+7))^*8^9$	-5622480	G	$(-1*(-2+3+4)*(-5^6+7))^*-8^9$
-5249496	P	$-(((1*2)/3+4)*5^6-7)^*8^9$	-5627520	G	$(1*(2-3-4)*(5^6+7))^*8^9$
-5250000	G	$(-1*(2+3^4)*5^6*(7+8+9))$	-5666436	G	$(1*2*3^4)*(5-6^7/8+9)$
-5250504	P	$-(((1*2)/3+4)*5^6+7)^*8^9$	-5667885	G	$(1*2*3^4)*(5-6^7/8)+9$
-5267117	G	$-1-(-2*((3^4)^5+6)+7^8)+9$	-5667903	G	$(1*2*3^4)*(5-6^7/8)-9$
-5267153	G	$-1+(2*(3^4)^5-6-7^8)-9$	-5668056	G	$(-1*2/3^4-4)*(5+6^7/8-9)$
-5307688	P	$1-2+3^4*(-(5+6-7)^8+9)$	-5669352	G	$(1*2/3^4-4)*(5-6^7/8-9)$
-5307690	P	$-1-2+3^4*(-(5+6-7)^8+9)$	-5669505	G	$(-1*2*3^4)*(5+6^7/8)+9$
-5309148	G	$-1-(2+3^4*((5+6-7)^8+9))$	-5669523	G	$(-1*2*3^4)*(5+6^7/8)-9$
-5310120	P	$(1*(-2-3)^4*(-5^6+7))^*(8+9)$	-5670972	G	$(-1*2*3^4)*(5+6^7/8+9)$
-5311905	G	$(-1*(2+3)*(4*5^6-7))^*(8+9)$	-5687491	G	$(-1*(2/3+4)/5^6-7^8+9)$
-5312381	G	$(1*(-2-3)^4*5^6+7)^*(8+9)$	-5687509	G	$(-1*(2/3+4)/5^6-7^8-9)$
-5312509	G	$-1*2*3^4*5^6(6-7+8)-9$	-5692235	P	$(-1-(2*3)^4*5^6+7^8)-9$
-5312619	P	$(1*(-2-3)^4*5^6+7)^*(8+9)$	-5717908	G	$-1-(2-3*(4+5^6)+7^8-9)$
-5313095	P	$(-1*(-2-3)*(-4*5^6+7))^*(8+9)$	-5723139	G	$-1-2+(-3-4*5)*6^7+8^9$
-5314388	G	$-1+2+3^4*(4+5)^6*(7-8)-9$	-5733475	P	$(-1-2*(3+4+5)^6+7^8)+9$
-5314684	G	$-1-(2-3+4)*(5+6)^7(7+8-9)$	-5733611	P	$(-1+2*(3+4+5)^6+7^8)+9$
-5314880	G	$(-1*(2+3)^4*(5^6+7))^*(8+9)$	-5738898	P	$(-1*(2^4-3+4)*(-5^6-7))^*89$
-5318775	G	$(-1*2*(-3^4+5))^*6^7/8+9$	-5749266	P	$(-1+2)*(-3^4-5^6+7^8)-9$
-5318779	G	$-1-(23+4)*(5-6^7)-89$	-5754397	P	$(-1-2/-3*(4-5^6+7^8)-9)$
-5318793	G	$(-1*2*(-3^4+5))^*6^7/8-9$	-5756553	G	$-1+2^3*(4^5+6)-7^8+9$
-5318896	G	$(-1*23+4)*(5+6^7)-(8+9)$	-5757005	G	$-1+((2*3)^4+5)*6-7^8-9$
-5359375	P	$(-(-1+(2+34)*5)^6/(7-8)+9)$	-5760275	G	$1-2+3^4*5^6-7^8-9$
-5371069	G	$-1*(2+3/4)*(5^6-6+7+8)-9$	-5761705	G	$-1-2+3*(4^5+6)-7^8+9$
-5390624	P	$1-(2+3)^4-(4-(5+6))^*(78-9)$	-5761721	G	$(1-2+3*(4^5+6)-7^8)-9$
-5390626	P	$-1-(2+3)^4-(4-(5+6))^*(78-9)$	-5762360	G	$1*2+3^4*5^6-7^8+9$
-5391086	P	$(-1*(-2^4-3+4)*(-5^6-7))^*89$	-5762378	G	$1*2+3^4*5^6-7^8-9$
-5392213	G	$-1+23*((-4-5^6)*(7+8)-9)$	-5763010	G	$(-1*2^3-3^4)*(5+6)-7^8+9$
-5405326	P	$(-1-23*(4+5^6)+7^8)+9$	-5763385	P	$-1+2^4-(3-4)*(5+6)-7^8+9$
-5405510	P	$(-1+23*(4-5^6)+7^8)+9$	-5763498	G	$-1+(2*3)^4+5-6-(7^8)+9$
-5423801	G	$-1-(2^4-3+4)*(5/6^7-7+8)-9$	-5763508	G	$-1+((2*3)^4+5-6)-(7^8-9)$
-5437524	G	$-1-(23+4/(5^6-6/(78+9)))$	-5763516	G	$-1+(2*3)^4+5-6-(7^8)-9$
-5468769	G	$-1-2*((3+4)/5^6((6-7)^8)+9)$	-5763899	G	$1*2-3^4*(-5-6)-7^8+9$
-5495892	G	$-1-(2+(3+4)^5*(6*7^8-9))$	-5763989	P	$(-1-(2+3^4*5)*6+7^8)-9$
-5515967	P	$(-1-(2^3+4)^5+6+7^8)+9$	-5765615	P	$(-1+(2+3^4*5)*6+7^8)+9$
-5515983	G	$-1+2+(3^4)^5-6-7^8-9$	-5765625	G	$1-2*3^4*5^6-7^8-9$
-5515985	P	$(-1-(2^3+4)^5+6+7^8)-9$	-5765681	G	$1*2+3^4*(-5-6)-7^8+9$
-5515987	G	$-1-2+(3^4)^5-6-7^8-9$	-5765684	G	$1-2+3^4*(-5-6)-7^8+9$
-5559984	G	$1+23-4*(5^6-7)*89$	-5765984	P	$(-1+23*(4+5+6)+7^8)-9$
-5560002	G	$1*2*3-4*(5^6-7)*89$	-5765989	G	$-1+23*(4-5-6)-7^8+9$
-5560004	G	$-1+2+3-4*(5^6-7)*89$	-5766035	P	$(-1-23*(-4-5)*6+7^8)+9$
-5560006	G	$1-2+3-4*(5^6-7)*89$	-5766078	G	$-1-((2*3)^4+5-6)-(7^8-9)$

-5766090	G	$-1 - (2 \cdot 3)^4 + 5 - 6 - (7^8) + 9$	-6000024	G	$-1 - 23 - 4 \cdot 5^6 \cdot (7 + 89)$
-5766108	G	$-1 - (2 \cdot 3)^4 + 5 - 6 - (7^8) - 9$	-6013647	G	$-1 + 2 - (3 \cdot 4)^5 - 6 - 7^8 - 9$
-5766145	G	$-1 - ((2 \cdot 3)^4 + 5 + 6 + 7^8) + 9$	-6013651	G	$-1 - 2 - (3 \cdot 4)^5 - 6 - 7^8 - 9$
-5766191	P	$-(1 + 23 \cdot (4 + 56) + 7^8) - 9$	-6087956	G	$(1 + 2 + (3 - 4^5) \cdot 67) \cdot 89$
-5766219	P	$-(1 + 2^{\wedge}(3 + 4) \cdot (5 + 6) + 7^8) - 9$	-6093721	G	$(1 \cdot 2 + 3) \cdot (4 - 5^6 \cdot 78) + 9$
-5766245	P	$-(1 - (-234 - 5) \cdot 6) - 7^8 - 9$	-6093739	G	$(1 \cdot 2 + 3) \cdot (4 - 5^6 \cdot 78) - 9$
-5767091	P	$-(1 - (-2 \cdot 3) \cdot 456) - 7^8 - 9$	-6093742	G	$-1 - (2 + 3)^{\wedge}(-4 + 5 + 6) \cdot 78 + 9$
-5767192	G	$(1 - 2 + 3^4) \cdot 5 \cdot 6 - (7^8 - 9)$	-6093760	G	$-1 - (2 + 3)^{\wedge}(-4 + 5 + 6) \cdot 78 - 9$
-5767220	G	$1 \cdot 2 - 3^4 \cdot 5 \cdot 6 - 7^8 + 9$	-6093761	G	$(-1 \cdot 2 - 3) \cdot (4 + 5^6 \cdot 78) + 9$
-5767600	G	$(-1 - 23 \cdot 4) \cdot 5 \cdot 6 - (7^8 + 9)$	-6093779	G	$(-1 \cdot 2 - 3) \cdot (4 + 5^6 \cdot 78) - 9$
-5767849	G	$-1 - 2 + 3 \cdot (-4^5 + 6) - 7^8 + 9$	-6124076	P	$-(1 - 23 \cdot (4 - 5^6) + 7^8) + 9$
-5767865	G	$(-1 - 2 \cdot 3 \cdot (4^5 - 6) - 7^8) - 9$	-6124260	P	$-(1 + 23 \cdot (4 + 5^6) + 7^8) + 9$
-5769328	G	$(1 - 2) \cdot (3^4 \cdot 5 + 6 + 7^8) + 9$	-6132240	G	$(1 + 23^{\wedge}(4 + 5 - 6) \cdot 7) \cdot 8 \cdot 9$
-5769346	G	$(1 - 2) \cdot (3^4 \cdot 5 + 6 + 7^8) - 9$	-6158760	P	$-(1 - (-23 + 45) \cdot (-6^{\wedge}7 - 8)) + 9$
-5769347	G	$1 - 2 - 3^4 \cdot 5 \cdot 6 - 7^8 - 9$	-6171165	G	$-1 - (-2 + 3^4) \cdot (5^{\wedge}(6 - (7 - 8))) - 9$
-5769652	G	$(-1 \cdot 2 \cdot 3^4) \cdot 5 \cdot 6 - (7^8 - 9)$	-6205249	G	$-1 - (2^{\wedge}(3 + 4) \cdot 5) \cdot 6^{\wedge}(7 + 8 - 9)$
-5769670	G	$(-1 \cdot 2 \cdot 3^4) \cdot 5 \cdot 6 - 7^8 - 9$	-6217709	G	$-1 + 2 \cdot (3 + (4 \cdot 5)^6 + 7) - 8 \cdot 9$
-5771686	G	$-1 - ((2 + 3)^4 \cdot (5 + 6) + 7^8) - 9$	-6217719	P	$1 + 2 \cdot (-3 - ((4 \cdot 5)^6 + 7)) - 8 \cdot 9$
-5772937	G	$-1 + 2 \cdot 3 \cdot (-4^5 + 6) - 7^8 + 9$	-6223391	G	$1 - 2 / (3 - 45)^{\wedge}(6 + 7 - 8 - 9)$
-5773723	G	$-1 - (2 \cdot 3 \cdot (4 + 5) \cdot 6 - 7^8) - 9$	-6223393	G	$-1 - 2 \cdot (3 - 45)^{\wedge}(-6 - 7 + 8 + 9)$
-5773864	P	$-((-1 \cdot 2 \cdot 3^4) \cdot 5 + 6 + 7^8) + 9$	-6230115	P	$-(-1 - 2 + (-3 + 4^5) \cdot 678) \cdot 9$
-5773882	G	$(-1 \cdot 2 \cdot 3^4) \cdot 5 \cdot 6 - 7^8 - 9$	-6248232	G	$(1 + 23 - 4 \cdot 5^6 \cdot 78) \cdot 9$
-5775225	P	$-(1 + 2 / -3 \cdot (4 - 5^6) + 7^8) - 9$	-6262481	G	$-1 - (2 \cdot (3 \cdot 4)^5 + 6 + 7^8 + 9)$
-5776791	P	$-(1 - 2 \cdot 3 \cdot 4 \cdot 5 + 6 - 7^8 + 9)$	-6291473	G	$1 - 2 \cdot (3 \cdot 4^{\wedge}5 + 6 + 7 - 8) + 9$
-5776809	P	$-(1 - 2 \cdot 3 \cdot 4 \cdot 5 + 6 - 7^8 - 9)$	-6322176	P	$(1 \cdot (2 \cdot (-3 + 4))^{\wedge}(5 + 6) \cdot 7^{\wedge}8) \cdot 9$
-5780516	G	$(1 - 2) \cdot 3^4 - 5^6 - 7^8 - 9$	-6328114	G	$1 \cdot 2 - 3^4 \cdot 5^{\wedge}6 - (7 + 8) + 9$
-5785346	G	$-1 + ((2/3 + 4 \cdot 5) \cdot 6 - 7^8) - 9$	-6329728	G	$-1 - (-2 - 3 \cdot (-4 - 5^6) \cdot (7 + 8)) \cdot 9$
-5795975	P	$-(1 - 2 \cdot (34 - 5^6) + 7^8) + 9$	-6343750	G	$(1 \cdot (2 / -3 - 4) \cdot 5^6) \cdot (78 + 9)$
-5796029	P	$-(1 - 2 \cdot (3 + 4 - 5^6) + 7^8) + 9$	-6368544	P	$-(1 \cdot 2 \cdot 3^4 \cdot 5 \cdot 6) \cdot 78 \cdot 9$
-5796067	P	$-(1 - 2 \cdot (-3 \cdot 4 - 5^6) + 7^8) + 9$	-6374286	G	$(-1 \cdot 2 \cdot 3 \cdot (4 \cdot 5^6 - 7)) \cdot (8 + 9)$
-5796074	P	$1 \cdot 2 \cdot (-3 + 4 + 5^6) - 7^8 - 9$	-6374762	P	$(-1 \cdot 2 \cdot (-3 \cdot 4 \cdot 5^6 + 7)) \cdot (8 + 9)$
-5796085	P	$-(1 - 2 \cdot (-3 \cdot 4 - 5^6) + 7^8) - 9$	-6375119	P	$(1 \cdot 2 \cdot 3 \cdot 4 \cdot 5^6 + 7) \cdot (-8 + 9)$
-5796111	P	$-(1 + 2 \cdot (34 + 5^6) + 7^8) + 9$	-6375238	G	$(-1 \cdot 2 \cdot (3 \cdot 4 \cdot 5^6 + 7)) \cdot (8 + 9)$
-5796129	P	$-(1 + 2 \cdot (34 + 5^6) + 7^8) - 9$	-6375714	P	$(1 \cdot 2 \cdot 3 \cdot (-4 \cdot 5^6 + 7)) \cdot (8 + 9)$
-5797591	P	$-(1 + 2 \cdot 3 \cdot 4 \cdot 5 + 6 - 7^8 + 9)$	-6399989	G	$-1 - 2 \cdot (3 - ((4 \cdot 5)^{\wedge}(6 + 7 - 8) + 9))$
-5797603	P	$-(1 + 2 \cdot 3 \cdot 4 \cdot 5 + 6 + 7^8) + 9$	-6400015	G	$(-1 \cdot 2) \cdot (3 \cdot (4 \cdot 5)^{\wedge}(6 + 7 - 8)) - 9$
-5797609	P	$-(1 + 2 \cdot 3 \cdot 4 \cdot 5 + 6 - 7^8 - 9)$	-6400024	P	$-1 - 23 + (4 \cdot 5)^6 / -(-7 - 8) + 9$
-5797621	P	$-((1 + 2 \cdot 3)^4 \cdot 5 + 6 + 7^8) - 9$	-6437471	G	$-1 + 23 \cdot (45 - 6^{\wedge}7 - 8 + 9)$
-5811658	G	$-1 - (2 - 3 \cdot (4 - 5^6) + 7^8) - 9$	-6437885	G	$-1 + 23 \cdot (45 - 6^{\wedge}7 - 8 - 9)$
-5811680	P	$1 - 2 - (-3 \cdot (4 + 5^6) - 7^8) - 9$	-6438086	G	$-1 - (-23 \cdot (4 \cdot 5^6 + 7) + 8 + 9)$
-5811696	G	$-1 + 2 - 3 \cdot (4 + 5^6) - 7^8 - 9$	-6438753	P	$-(1 + 23 \cdot (4 + 5 + 6^{\wedge}7) + 8) - 9$
-5811700	G	$-1 - 2 - 3 \cdot (4 + 5^6) - 7^8 - 9$	-6438825	G	$-1 + 23 \cdot (-4 - 5 - 6^{\wedge}7) - 89$
-5812500	G	$(1 \cdot (2^{\wedge} - 3 - 4) \cdot 5^6) \cdot (7 + 89)$	-6438929	P	$-(1 + 23 \cdot (4 + 5 + 6^{\wedge}7 + 8)) - 9$
-5842956	G	$-1 - (2 - 3) \cdot (4 - 5^6) - (7^8 + 9)$	-6439006	G	$-1 + (-23 \cdot (4 \cdot 5^6 + 7) - (8 + 9))$
-5859318	G	$-1 - (2 - 3 \cdot (4 \cdot 5 - (6 + 7 - 8)^9))$	-6439061	G	$-1 + 23 \cdot (-4 \cdot 5 - 6^{\wedge}7) - 8 \cdot 9$
-5859333	G	$1 + 2 + 3 \cdot (4 - 5^{\wedge}(-6 + 7 + 8) + 9)$	-6439182	G	$-1 + 23 \cdot (-4 \cdot 5 - (6^{\wedge}7 + 8)) - 9$
-5859335	G	$-1 + 2 + 3 \cdot (4 - 5^{\wedge}(-6 + 7 + 8) + 9)$	-6439547	P	$-(1 + 23 \cdot (45 + 6^{\wedge}7) - 8) + 9$
-5859337	G	$1 + 2 + 3 \cdot (4 - 5^{\wedge}(-6 + 7 + 8) + 9)$	-6439581	P	$-(1 + 23 \cdot (45 + 6^{\wedge}7)) - 8 - 9$
-5859356	G	$-1 \cdot 2 + 3 \cdot (4 - 5^{\wedge}(-6 + 7 + 8)) + 9$	-6441036	G	$-1 + 23 \cdot (-4 \cdot 5 - 6^{\wedge}7 - 89)$
-5859394	G	$(1 \cdot 2 - 3 \cdot (4 + 5^{\wedge}(-6 + 7 + 8))) - 9$	-6462256	G	$-1 - (23 \cdot (4 \cdot 5 + 6^{\wedge}7 + 8) - 9)$
-5859397	G	$(1 - 2 - 3 \cdot (4 + 5^{\wedge}(-6 + 7 + 8))) - 9$	-6486676	P	$-(-1 \cdot (2/3 + 4) \cdot (-5^6 + 7)) \cdot 89$
-5859413	G	$-1 + 2 - 3 \cdot (4 + 5^{\wedge}(-6 + 7 + 8)) + 9$	-6581251	G	$-1 - 234 \cdot 5^{\wedge}6 + 7 - 8 \cdot 9$
-5859415	G	$1 - 2 - 3 \cdot (4 + 5^{\wedge}(-6 + 7 + 8) + 9)$	-6588296	G	$-1 + ((2 + 3 + (4 - 5 - 6)^7) \cdot 8 + 9)$
-5859417	G	$-1 - 2 - 3 \cdot (4 + 5^{\wedge}(-6 + 7 + 8) + 9)$	-6588466	G	$-1 - (2 + (3 \cdot 4 - 5)^6) \cdot 7 \cdot 8 - 9$
-5859513	G	$-1 - (2 + 3 \cdot (45 + (6 + 7 - 8)^9))$	-6715366	G	$1 - 2 + 3 \cdot (4 \cdot 5 - 6^{\wedge}7 \cdot 8 + 9)$
-5874186	G	$1 - 2 - (3 + 4) \cdot 5^6 - 7^8 - 9$	-6715386	G	$-1 - (2 - 3 \cdot (4 \cdot 5 - 6^{\wedge}7 \cdot 8)) + 9$
-5874188	G	$-1 - 2 + (-3 - 4) \cdot 5^6 - 7^8 - 9$	-6716159	G	$1 - (23^4 + 5 - 6) \cdot (7 + 8 + 9)$
-5889779	G	$-1 - (-2 \cdot 3 \cdot (4 - 5^6) + 7^8) - 9$	-6717414	G	$-1 - 2 + 3 \cdot ((45 - 6^{\wedge}7) \cdot 8 - 9)$
-5899248	P	$-(1 - 2 \cdot 3)^4 \cdot 4 \cdot 5 \cdot 6 - 7^8 + 9$	-6718133	P	$1 - 2 \cdot (-3 \cdot 4 \cdot (5 - 6^{\wedge}7 + 8) + 9)$
-5971177	G	$-1 - 2 \cdot ((3 + 4 + 5)^6 - (7 + 89))$	-6718620	G	$1 + 2 - 3 \cdot (4 + (5 + 6^{\wedge}7) \cdot 8 + 9)$
-5971795	G	$-1 - 2 \cdot ((3 + 4 + 5)^6 - (78 + 9))$	-6718692	G	$-1 - (2 + 3 \cdot (4 + 5 + 6^{\wedge}7) \cdot 8 + 9)$
-5971831	G	$-1 - 2 \cdot ((3 + 4 + 5)^6 - (78 - 9))$	-6719145	G	$(-1 - 23) \cdot (4 \cdot 5 + (6^{\wedge}7 + 8)) - 9$
-5972000	G	$-1 - (2 \cdot ((3 + 4 + 5)^6 + 7) + 8) - 9$	-6719574	G	$-1 - 2 - 3 \cdot ((45 + 6^{\wedge}7) \cdot 8 + 9)$
-5972007	G	$-1 \cdot 2 \cdot ((3 + 4 + 5)^6 + 7 + 8) - 9$	-6721512	G	$-1 - (2 + 3 \cdot (4 \cdot 5 + 6^{\wedge}7 \cdot 8 - 9))$
-5972113	P	$1 - 2 + ((3 \cdot 4)^5 + 6) \cdot (-7 + 8 + 9)$	-6721530	G	$-1 - 2 - 3 \cdot (4 \cdot 5 + 6^{\wedge}7 \cdot 8) + 9$
-5994186	G	$(-1 \cdot 2^{\wedge}(3 \cdot 4)) \cdot 5 \cdot 6 - 7^8 - 9$	-6790638	G	$-1 - 2 - 3^{\wedge}(4 + 5) \cdot (6 \cdot 7 \cdot 8 + 9)$
-5999976	G	$1 + 23 - 4 \cdot 5^6 \cdot (7 + 89)$	-6827681	G	$-1 - (2 \cdot (3 + (4 + 5)^6) + 7^8) + 9$
-5999978	G	$-1 + 23 - 4 \cdot 5^6 \cdot (7 + 89)$	-6827699	G	$-1 - 2 \cdot (3 + (-4 - 5)^6) - 7^8 - 9$
-5999996	G	$-1 + 2 + 3 - 4 \cdot 5^6 \cdot (7 + 89)$	-6890526	G	$(1 + 2 + (-3 - 4) \cdot 5^6 \cdot 7 + 8) \cdot 9$
-6000022	G	$1 - 23 - 4 \cdot 5^6 \cdot (7 + 89)$	-6890535	G	$(1 \cdot 2 + (-3 - 4) \cdot 5^6 \cdot 7 + 8) \cdot 9$

-6890544	G	$(-1+2+(-3-4)*5^6*7+8)*9$	-7812558	G	$1-23-4*(5^(-6+7+8)+9)$
-6996015	G	$1-23^4*5*(6+7-8)+9$	-7812560	G	$-1-23-4*(5^(-6+7+8)+9)$
-6996033	G	$1-23^4*5*(6+7-8)-9$	-7868376	G	$(1*23^4-5^6*7)*8*9$
-7027601	G	$(1-23)^4*5*6+7+8*9$	-7868955	G	$-1-2+(3*4-5^6)*7*8*9$
-7027759	G	$(1-23)^4*5*6-(7+8*9)$	-7870104	G	$(1*2*34-5^6*7)*8*9$
-7027799	G	$(1-23)^4*5*6-7*(8+9)$	-7870904	G	$(1*2^3)^4-5^6*7*8*9$
-7030417	P	$-((-1+2)/3^4-4*5^6+7^8)+9$	-7872771	G	$-1-2+(3+(4-5^6)*7)*8*9$
-7030420	G	$-1-(2+3^4*5^6+7^8)+9$	-7873209	G	$1*(-2-3)*4*5^6*7*8-9$
-7030435	P	$(-1+2)*-(3^4*5^6+7^8+9)$	-7874160	G	$(1-2/3*4+5^6)*(-7*8*9)$
-7030436	G	$1-2-3^4*5^6-7^8-9$	-7874208	G	$(1+2*3+4-5^6*7)*8*9$
-7030438	G	$-1-(2+3^4*5^6+7^8)-9$	-7874499	G	$-1-2+(-3+4-5^6)*7*8*9$
-7086247	G	$(-1)^*(3+4*(5+6)^(7+8-9))$	-7874625	G	$-1-2+(3/4-5^6)*7*8*9$
-7125000	G	$(-1*(23-4)*5^6)*(7+8+9)$	-7874760	P	$-((1*2)/3-4+5^6*7)*8*9$
-7157809	G	$-1-2*3^4*5^6*789$	-7874910	G	$(1-(-2+3)/-4+5^6*7)*8*9$
-7164003	G	$(-1*23^4)*5-6-7^8+9$	-7874970	P	$-((1*2)/3-4+5^6*7*8)*9$
-7164021	G	$-1*23^4*5-6-7^8-9$	-7875030	G	$(1*2)/3-4-5^6*7*8*9$
-7168662	G	$(-1*(-23-4)*(-5^6+7))^*(8+9)$	-7875034	G	$(1-2)*34-5^6*7*8*9$
-7171756	G	$(-1*(23+4)*5^6+7)*(8+9)$	-7875084	G	$((-1^2/3)/4-5^6)*7*8*9$
-7171994	P	$(-1*(23+4)*5^6-7)*(8+9)$	-7875090	G	$(-1-(-2+3)/4-5^6*7)*8*9$
-7175088	G	$(-1*(23+4)*(5^6+7))^*(8+9)$	-7875240	G	$((1*2)/3-4-5^6*7)*8*9$
-7187509	G	$-1*23^4*5^6(6-7+8)-9$	-7875840	G	$(1-2/3*4-5^6)*7*8*9$
-7216131	G	$-1-2+(-34+5)*6^7*8/9$	-7876803	G	$-1-2+(-3-(-4-5^6)*7)*-8*9$
-7261131	G	$-1-2-((3+4)^5*6+7)*8*9$	-7876994	G	$-1+23+(-4-5^6)*7*8*9$
-7278259	G	$-1-234*(5+(6^7-8))/9$	-7878531	G	$-1-2+(-3-(4+5^6))^*7*8*9$
-7280651	P	$-1-(2*3+4*5)*(-6^7-89)$	-7879896	P	$-(1*2*34+5^6*7)*8*9$
-7343750	G	$(1*(2-3^4)*5^6)*(7*8-9)$	-7881264	G	$(1+2+(3*4+5^6)*7)*-8*9$
-7358698	G	$-1-(2*3)^4*5^6*78-9$	-7892139	G	$-1-2+(-34-5^6)*7*8*9$
-7406250	G	$(1*(2-3^4)*5^6)*(7+8-9)$	-7931522	G	$-1*2-34*5^6*(7+8-9)$
-7421878	G	$-1-(2+(3+4/5)*6+7-8)^9$	-7956648	G	$(1*2*3^4+5^6)*7*-8*9$
-7437415	G	$(1*2+3-4*5^6*7)*(8+9)$	-7961484	G	$1+(2*-3*4)^5+6*7*(8+9)$
-7437475	G	$(1*2)*(-34*5^6*7+8)+9$	-7962047	G	$1+(2*-3*4)^5+6*(7+89)$
-7437499	G	$-1-2*(34*5^6*7+8-9)$	-7962101	G	$1+(2*-3*4)^5+6*(78+9)$
-7437517	G	$(-1*2*34/5^6)*7-(8+9)$	-7962127	G	$-1-((2*3*4)^5+6-7*8*9)$
-7437525	G	$(-1*2)*(34*5^6*7+8)-9$	-7962209	G	$1+(2*-3*4)^5+6*(78-9)$
-7437572	G	$(-1*2*34*5^6)*7-8*9$	-7962343	G	$-1-((2*3*4)^5-6*(7*8-9))$
-7437585	P	$(1*2+3-4*5^6*7)*-(8+9)$	-7962505	P	$-1+(23)^4(4-(5-6))^*7*(8+9)$
-7437589	G	$(-1*2*34*5^6)*7-89$	-7962573	G	$1+(2*-3*4)^5+6*7-(8+9)$
-7437860	G	$-1-2+(-3-4/5^6)*7*(8+9)$	-7962750	G	$-1-((2*3*4)^5+6)-7*(8+9)$
-7440206	G	$((-1-2*(3+(4+5)^6))^*7+8+9)$	-7963115	G	$1+(2*-3*4)^5+6*(7-89)$
-7464963	G	$-1-2+(3^4-4)^5*(6^7+8*9)$	-7971613	G	$1-2^3-(4+5)^6*(7+8)+9$
-7529412	G	$-1+(2*(3-(4*5)^6)+7)/(8+9)$	-7993008	G	$(-1+(-234-5^6)*7)*8*9$
-7532272	G	$-1*(2*3)^4*5^6*7+8*9$	-7999496	P	$1*2^4-3*(4*5)^6-7*-8*9$
-7554762	P	$(1-23^4/5+6)*(-7-8)*9$	-7999881	P	$-1*2^4-3*(4*5)^6-7*-8*9$
-7554985	G	$1-2+3*(4^5-(6^7-8)*9)$	-7999918	P	$1*2^4-3/-(4*5)^6-7+89$
-7555417	G	$1-2+3*(4^5-(6^7+8)*9)$	-8000069	P	$1*2^4-3/-(4*5)^6-78+9$
-7555706	P	$1+23^4*(-(5-6)^7-89)$	-8000080	P	$-(1+2^4-3*(4*5)^6+7)-8*9$
-7556331	G	$-1-2-3*(4+5)*(6^7-8*9)$	-8000087	P	$1*2^4-3/-(4*5)^6-78-9$
-7556652	G	$(1+23^4/5+6)*(-7-8)*9$	-8000096	P	$1*2^4-3/-(4*5)^6-7-89$
-7557462	P	$(-1*2/3^4)*-(5-6^(7+8-9))$	-8048382	G	$-1+(23/4*5*(6^7+8)+9)$
-7557924	G	$-1-2+3*(45-(6^7-8)*9)$	-8066305	P	$-1-((-2/3)^4+5)*6^(7-(8-9))$
-7557999	G	$-1-2+3*(4*5-(6^7-8)*9)$	-8115566	G	$-1-2-(34-5)*(6^7-89)$
-7558373	P	$(-1*2)-(3*(-4+5+6^7)+8)*9$	-8117784	G	$-1-(2+(3*4-5)^6*(78-9))$
-7558464	G	$-1-(2-3*(4+5-(6^7+8)*9))$	-8120728	P	$-1-2+(-34+5)*(-6^7-89)$
-7559082	G	$(-1*2/3^4)*5+6^(7+8-9)$	-8148765	G	$-1-2-3^4(4+5)*6*(78-9)$
-7560219	G	$-1-2-3*(4+5)*(6^7+8*9)$	-8175007	G	$-1-2*3^4*5^6*7*89$
-7560678	G	$-1-2-3*(4+5)*(6^7+89)$	-8201251	G	$-1+(2/3-4)*5^6*(7+8)*9$
-7561131	G	$-1-2-3*(4^5+(6^7-8)*9)$	-8203126	G	$-1-(2+3-4/5)/(6+7-8)^9$
-7561563	G	$-1-2-3*(4^5+(6^7+8)*9)$	-8278525	G	$-1-2*3^4*5^6*7*8-9$
-7562547	G	$(1*23^4*5-6^7*8)*9$	-8296061	G	$-1-2*3^4*5^6-7^8-9$
-7572619	G	$(-1-(2+34^5)/6-7*8)+9$	-8345593	G	$-1+(2^4-3/4-5)^6*(7-8+9)$
-7630831	G	$(1+23)^4*(5^6+7)+8+9$	-8356608	G	$1*(2/3^4-5)^6*(7-8+9)$
-7630849	G	$(1+23)^4*(5^6+7)+8-9$	-8384959	P	$-1+(2^4-(3+4)-5)^6*(7-(8-9))$
-7714416	G	$-1-2-(3+4)^5*(6^7-8-9)$	-8387025	G	$-1+2*(3-(4^4(5+6)-789))$
-7781250	P	$(-1*(-2-3^4)*5^6)*-(7+8-9)$	-8387470	G	$-1-(2^4(3+4*5)-6*7*(8+9))$
-7793352	G	$(1*2*3^4-5^6)*7*8*9$	-8388033	G	$-1-(2^4(3+4*5)-6*(7+89))$
-7812440	G	$1+23-4*(5^(-6+7+8)-9)$	-8388087	G	$-1-(2^4(3+4*5)-6*(78+9))$
-7812533	G	$-1-23-4*(5^(-6+7+8)-9)$	-8388135	G	$-1-(2^4(3+4*5)-6*(7+8*9))$
-7812535	P	$(-1-2)^3-4*(5^(-6+(7+8))+9)$	-8388159	P	$-(1+2^4(3+4*5))-6*(7*8)*9$
-7812541	P	$1-2*3-4*(-5^(-6+7+8)-9)$	-8388195	G	$-1-(2^4(3+4*5)-6*(78-9))$
-7812544	P	$-(1*2)^3-4*(5^(-6+(7+8))+9)$	-8388219	G	$-1-2^4(3+4*5)-6*(7-8*9)$

-8388303	G	$-1-2^{\wedge}(3+4*5)+(6*7-8)*9$	-8999997	P	$1+2-3^{\wedge}-4*(5*6)^{\wedge}-(-7+8)+9$
-8388388	G	$-1-2^{\wedge}(3+4*5)+(6+7)*(8+9)$	-9027207	G	$-1-2-34*(5^{\wedge}6-7)*(8+9)$
-8388465	G	$-1-(2^{\wedge}(3+4*5)-6*(7+8+9))$	-9034432	G	$-1-2-(3+(4+5)^{\wedge}6-7)*(8+9)$
-8388573	G	$-1-(2^{\wedge}(3+4*5)-6*(7+8-9))$	-9034670	G	$-1-(2+(3+(4+5)^{\wedge}6+7)*(8+9))$
-8388915	G	$-1-2^{\wedge}(3+4*5)-(6*7-8)*9$	-9034770	G	$-1-(23+(4+5)^{\wedge}6-7)*(8+9)$
-8389059	P	$-(1+2^{\wedge}(3+4*5))+(6-7*8)*9$	-9069894	G	$(1*2/3^{\wedge}-4)/5*(-6^{\wedge}7-8+9)$
-8389101	G	$-1-(2^{\wedge}(3+4*5)-6*(7-8-9))$	-9072810	P	$(1*2*3^{\wedge}4)/5*(6^{\wedge}7+8+9)$
-8389323	G	$-1-2^{\wedge}(3+4*5)-6*7*(8+9)$	-9078036	P	$-(-1*(-2-3^{\wedge}4)*5^{\wedge}6)*7+8+9$
-8392961	G	$-1-(-2-3)*(4^{\wedge}5-6^{\wedge}(7-(8-9)))$	-9078053	P	$-(-1*(-2-3^{\wedge}4)*5^{\wedge}6)*7+8*9$
-8395224	G	$-1*23^{\wedge}4*5*6+7+8-9$	-9078108	P	$-(-1*(-2-3^{\wedge}4)*5^{\wedge}6)*7+8+9$
-8395266	P	$((1*23)^{\wedge}4*5+6)*-(7+8-9)$	-9078124	P	$-((-1*(-2-3^{\wedge}4)*5^{\wedge}6)*7+8)+9$
-8395284	G	$((-1-23^{\wedge}4)*5*6-7-8-9)$	-9078126	P	$-(-1*(-2-3^{\wedge}4)*5^{\wedge}6)*7+8-9$
-8396785	G	$-1+(2*3)^{\wedge}4-5*6^{\wedge}(7-(8-9))$	-9078142	G	$(-1*(-2-3^{\wedge}4)/5^{\wedge}6)*-7-8-9$
-8397523	G	$-1+2*3*(4-5*6^{\wedge}7+8+9)$	-9078197	P	$-(-1*(-2-3^{\wedge}4)*5^{\wedge}6)*7-8*9$
-8398114	P	$(-1+2)*-(34-5*6^{\wedge}(7-(8-9)))$	-9078214	G	$(-1*(2+3^{\wedge}4)*5^{\wedge}6)*7-8+9$
-8398133	G	$1-2*(3*(4+5/6^{\wedge}-7+8)-9)$	-9199819	G	$-1-2*3^{\wedge}4*5*6*7+8+9$
-8398181	G	$-1-(-2-3)*(-4*5-6^{\wedge}(7-(8-9)))$	-9388794	G	$-1-2-3^{\wedge}(4+5)*(6*7+8+9)$
-8398306	G	$-1+2*3*(4-5*6^{\wedge}7+8)-9$	-9421043	G	$-1-234*5^{\wedge}6-7^{\wedge}8+9$
-8398315	G	$-1-234-5*6^{\wedge}(7-8+9)$	-9421061	G	$-1-234*5^{\wedge}6-7^{\wedge}8-9$
-8398336	G	$-1+2*3*(-4-5*(6^{\wedge}7+8))+9$	-9437214	G	$-1-2+(-3-4*(5+6+7-8))*9$
-8398362	G	$-1*2*(3*(4+5*(6^{\wedge}7+8))+9)$	-9478459	G	$-1+2*(3^{\wedge}(4+5)-6^{\wedge}7*(8+9))$
-8399377	G	$-1-(2*3)^{\wedge}4-5*6^{\wedge}(7-(8-9))$	-9514629	P	$1-2-34*(-5-(6^{\wedge}7-8+9))$
-8400725	G	$1+2*3*(4-5*(6^{\wedge}7+8+9))$	-9514631	G	$-1-(2-34*(5-6^{\wedge}7+8+9))$
-8400774	P	$-1*2*3*(4-5*(-6^{\wedge}7+8+9))$	-9514900	G	$(1*2*(3^{\wedge}4+5+6^{\wedge}7))*(8+9)$
-8411203	P	$-1-(2^{\wedge}-(3+4)+5)*6^{\wedge}(7-(8-9))$	-9515240	G	$(-1*2*(-3^{\wedge}4+5+6^{\wedge}7))*(8+9)$
-8450569	G	$-1-(2^{\wedge}-3/4+5)*6^{\wedge}(7-8+9)$	-9517077	G	$1-2+34*(5-6^{\wedge}7+8+9)$
-8459847	P	$-1+2*(-((3*4)^{\wedge}5-6)+7)*(8+9)$	-9517079	G	$-1-2+34*(5-6^{\wedge}7+8+9)$
-8471235	G	$-1-2-((3*4-5)^{\wedge}6+7)*8+9$	-9517376	G	$-1-(2-34*(5-6^{\wedge}7+8))+9$
-8499048	G	$(-1*2^{\wedge}3*(4*5^{\wedge}6-7))*(8+9)$	-9517917	G	$(-1+2)*34*(5-(6^{\wedge}7+8))+9$
-8499654	G	$(-1-2)*3^{\wedge}4*(-5-(-6^{\wedge}7/8+9))$	-9518235	G	$-1-2+34*(5-6^{\wedge}7-8-9)$
-8499870	G	$-1*2*((34/5^{\wedge}-6-7)*8-9)$	-9518260	G	$-1-2-34*(5+6^{\wedge}7+8)+9$
-8499881	G	$(-1*2^{\wedge}3*4*5^{\wedge}6+7)*(8+9)$	-9519361	G	$-1-2*(3+(4+5+6^{\wedge}7)*(8+9))$
-8499906	G	$-1*2*((34/5^{\wedge}-6-7)*8+9)$	-9520408	P	$(-1*2*(-(3^{\wedge}4+5-6^{\wedge}7))*(8+9))$
-8499943	G	$(-1-2*34*5^{\wedge}6+7)*8+9$	-9520683	G	$-1-(2-34*(5-(6^{\wedge}7+8+9)))$
-8500094	G	$-1*2*((34/5^{\wedge}-6+7)*8-9)$	-9520748	G	$(-1*2*(3^{\wedge}4+5+6^{\wedge}7))*(8+9)$
-8500119	P	$(1*2^{\wedge}3*4*5^{\wedge}6+7)*-(8+9)$	-9521023	G	$-1-2-34*(5+6^{\wedge}7+8+9)$
-8500130	G	$-1*2*((34/5^{\wedge}-6+7)*8+9)$	-9558071	G	$1-2*(34*(5^{\wedge}6-7)-8)*9$
-8500952	G	$(-1*2^{\wedge}3*(4*5^{\wedge}6+7))*(8+9)$	-9558144	P	$(1*2*34*(-5^{\wedge}6-7)+8)*9$
-8502877	P	$1-2*(-((3-(4+5)^{\wedge}6+7)*8+9))$	-9558216	G	$(-1*(-2-34)*(-5^{\wedge}6+7))*(8+9)$
-8503563	G	$-1-2+(3^{\wedge}(4+5)*6+7)*-8*9$	-9558288	P	$(-1*2*34*(5^{\wedge}6-7)+8)*9$
-8503818	G	$-1-2*34*(5^{\wedge}6+7)*8-9$	-9558359	G	$1-2*(34*(5^{\wedge}6-7)+8)*9$
-8519024	G	$-1-((2/34)^{\wedge}-5*6-7*(8+9))$	-9561888	P	$(1*2*34*(-5^{\wedge}6+7-8))*9$
-8640536	G	$(1*(2-3^{\wedge}4)*5^{\wedge}6)*7+8+9$	-9562381	G	$(-1*(2+34)*5^{\wedge}6+7)*(8+9)$
-8640608	G	$(1*(2-3^{\wedge}4)*5^{\wedge}6)*7+8+9$	-9562619	P	$(-1*(2+34)*5^{\wedge}6-7)*(8+9)$
-8640624	P	$-((1*(-2+3^{\wedge}4)*5^{\wedge}6)*7+8)+9$	-9563112	P	$(1*2*34*(-5^{\wedge}6-(7-8)))*9$
-8640626	G	$(1*(2-3^{\wedge}4)*5^{\wedge}6)*7+8-9$	-9564691	P	$1+2*(-(3^{\wedge}(4*5-6)-7*8+9))$
-8640642	P	$-((1*(-2+3^{\wedge}4)*5^{\wedge}6)*7+8)-9$	-9565149	G	$-1*2*3^{\wedge}(4*5-6)+7+8+9$
-8640697	G	$(1*(2-3^{\wedge}4)*5^{\wedge}6)*7-8+9$	-9565613	P	$1-2*(-(3-(4+5)^{\wedge}6+7+8)*9)$
-8640714	G	$(1*(2-3^{\wedge}4)*5^{\wedge}6)*7-8+9$	-9565699	P	$1+2*(-(3^{\wedge}(4*5-6)-7*(8+9)))$
-8647166	G	$1-2*(3/4*(-5-(6-7^{\wedge}8)))-9$	-9565747	G	$-1-2*(3^{\wedge}(4*5-6)-7-8+9)$
-8729857	G	$-1-((2/3)^{\wedge}4+5)*6^{\wedge}(7-8+9)$	-9565775	G	$-1-2*(3^{\wedge}(4*5-6)+7-8+9)$
-8749991	G	$(1*(2-3^{\wedge}4)*5^{\wedge}6)*7*8+9$	-9565807	P	$1+2*(-(3^{\wedge}(4*5-6)-7*8-9))$
-8750009	G	$(1*(2-3^{\wedge}4)*5^{\wedge}6)*7*8-9$	-9565816	P	$1+2*(-(3^{\wedge}(4*5-6)-7*8)+9)$
-8781848	G	$-1-23-4^{\wedge}-5*6*7*8+9$	-9565841	P	$1-2*3^{\wedge}(4*5-6)+7+8+9$
-8836506	G	$(1*2-3^{\wedge}(4*5-6)+7^{\wedge}8)*-9$	-9565843	P	$1+2*(-(3^{\wedge}(4*5-6)-7*8)-9)$
-8857292	G	$-1-2-(3+4)^{\wedge}5*(6*7*8-9)$	-9565852	P	$(-1*2*(3^{\wedge}(4*5-6)-7))+8*9$
-8859317	G	$-1*((2-3^{\wedge}4/-5^{\wedge}-6)*7-8*9)$	-9565859	G	$-1*2*3^{\wedge}(4*5-6)+7+8+9$
-8859392	P	$(-1+2)*-(3^{\wedge}4*5^{\wedge}6*7+8)-9$	-9565862	G	$1-2*(3^{\wedge}(4*5-6)+7)+8+9$
-8859433	G	$1*(2-3^{\wedge}4/5^{\wedge}-6)*7-8+9$	-9565868	G	$1-2*3^{\wedge}(4*5-6)+7+8-9$
-8859447	G	$(-1+2)/3^{\wedge}-4*-5^{\wedge}6*7-8*9$	-9565870	G	$-1-2*3^{\wedge}(4*5-6)+7+8-9$
-8859464	P	$(-1+2)*-(3^{\wedge}4*5^{\wedge}6*7+8+9)$	-9565873	G	$-1*2*3^{\wedge}(4*5-6)-7+8+9$
-8954911	P	$1+23^{\wedge}4*(-56-(7+8+9))$	-9565898	G	$1-2*(3^{\wedge}(4*5-6)-7-8)+9$
-8957852	G	$-1-23+4*((5-6^{\wedge}7)*8-9)$	-9565915	G	$-1+2*(3-((4+5)^{\wedge}6+7-8)*9)$
-8957874	G	$(1+(2-(3*4)^{\wedge}5)*6)*(7+8-9)$	-9565996	G	$-1*2*(3^{\wedge}(4*5-6)-7)-8*9$
-8958172	G	$-1-23-4*((5+6^{\wedge}7)*8+9)$	-9566003	G	$-1*2*3^{\wedge}(4*5-6)+7-8+9$
-8974312	G	$1+2-((-3-4)^{\wedge}5*-6-7)*8+9$	-9566008	G	$-1-2*3^{\wedge}(4*5-6)-7+8+9$
-8984293	G	$-1-23*(-4+(5*(6-7))^{\wedge}8)-9$	-9566021	G	$-1-2*3^{\wedge}(4*5-6)+7-8+9$
-8989059	G	$-1-(2+((3*4)^{\wedge}5+6^{\wedge}7)*(8+9))$	-9566031	P	$1+2*(-(3^{\wedge}(4*5-6)+7*8-9))$
-8998342	P	$1-2*(-(3^{\wedge}4*5^{\wedge}6-7^{\wedge}8)+9)$	-9566035	G	$-1-2*3^{\wedge}(4*5-6)-7-8+9$
-8998360	P	$1-2*(-(3^{\wedge}4*5^{\wedge}6-7^{\wedge}8)-9)$	-9566056	P	$1-2/3^{\wedge}-(4*5-6)-7*(8+9)$

-9566067	P	$1+2*(-(3^4(4*5-6)+7*8)-9)$	-10124970	P	$-1-(-(-2-3^4*5^6+7)*8+9)$
-9566131	G	$-1-2*(3^4(4*5-6)+7+89)$	-10125082	G	$-1-((2-3^4*5^6+7)*8+9)$
-9566175	P	$1-2*(3^4(4*5-6)-7*(8+9))$	-10129536	P	$(-1*(-(-2-3)+4)*(5^6+7))*8*9$
-9566712	G	$-1*(2*34*(5^6+7)-8)*9$	-10249935	G	$((1-2-3^4)*5^6+7)*8+9$
-9566784	G	$(1*(-2-34)*(5^6+7))*8+9$	-10249994	G	$1*2*(3+4/(5^6-6/(7-89)))$
-9566856	P	$-(-1*2*34*(-5^6-7)+8)*9$	-10250006	G	$-1*2*(3-4/(5^6-6/(7-89)))$
-9566927	G	$1-2*(34*(5^6+7)+8)*9$	-10274529	G	$-1-2-3^4(4+5)*6*(78+9)$
-9567183	P	$1+2*(-(3^4(4*5-6)+7*89))$	-10281250	G	$(-1*2*(3+4)*5^6*(7*8-9))$
-9600010	G	$1-2-3/(4*5)^{-6-7+8}-9$	-10357533	G	$-1-23^4+5+(6/(7-8))^9$
-9600026	G	$-1+2-3*((4*5)^6(6+7-8)+9)$	-10370343	G	$(-1*(-2-3^4)*(-5^6+7))*8+9$
-9600030	G	$-1-2-3*((4*5)^6(6+7-8)+9)$	-10370361	G	$(-1*(-2-3^4)*(-5^6+7))*8-9$
-9633449	G	$(1*2*3^4-5^6)*7*89$	-10374935	P	$(-(-1*(-2-3^4)*5^6+7))*8+9$
-9730279	G	$(1*2^3)^4-5^6*7*89$	-10374953	P	$(-(-1*(-2-3^4)*5^6+7))*8-9$
-9731878	G	$1*2+3+(4-5^6)*7*89$	-10375047	P	$(-1*(-2-3^4)*5^6+7)*8+9$
-9733305	G	$1*2+(3*4-5^6*7)*89$	-10375065	P	$(-1*(-2-3^4)*5^6+7)*8-9$
-9733996	G	$1*23+(4-5^6*7)*89$	-10379639	P	$(-1*(-2-3^4)*5^6+7))*8+9$
-9734012	G	$1+2*3+(4-5^6*7)*89$	-10379657	P	$(-1*(-2-3^4)*(-5^6+7))*8-9$
-9734014	G	$1*2+3+(4-5^6*7)*89$	-10500010	G	$1-2-3*4*5^6*7*8-9$
-9734020	G	$1*2-3+(4-5^6*7)*89$	-10571606	G	$-1-2-(3+4)^5*(6+7*89)$
-9734024	G	$1-2*3+(4-5^6*7)*89$	-10690698	G	$1-2-34^5(5+6-7)*8-9$
-9734394	G	$1-(2+3)*4-5^6*7*89$	-10706025	G	$-1-2+34*(5-6^7/8)*9$
-9734407	G	$1*2-34-5^6*7*89$	-10707861	G	$-1-(2-(3/4-5)*(6^7+8)*9)$
-9734502	G	$1-2^4(3+4)-5^6*7*89$	-10727238	G	$-1-2-3^4(4+5)*(6^7*8+9)$
-9734708	G	$1*23-(4-5^6*7)*89$	-10747905	G	$-1+2^4(3+(4*5-6))*8(7-89)$
-9734726	G	$1*2+3-(4+5^6*7)*89$	-10763969	G	$-1-(2-((3-4)/5)^{-6})/7^8+9$
-9734732	G	$1*2-3-(4+5^6*7)*89$	-10846675	G	$-1-2-34^5-6*(-7^8+9)$
-9735001	G	$-1-2+(3-4-5^6)*7*89$	-10855026	G	$(1*2*3^4-5^6)*7*8*9$
-9735441	G	$1*2-(3*4+5^6*7)*89$	-10911886	G	$1*2+(3^4-5^6)*7*8*9$
-9741852	G	$1-2+(3*4+5^6)*7*89$	-10917524	G	$-1-2-(34+5)*6^7-(8+9)$
-9752425	G	$-1+2^3*((-4-5^6)*78+9)$	-10920972	P	$1+2+(-34-5)*(-6^7-89)$
-9762501	P	$-1-(-2+3)^{-4+5}*(6+7-8)^9$	-10964654	G	$(1*2^3)^4-5^6*7*8*9$
-9765659	G	$(1-2)*(34+5^6((6-7)^8+9))$	-10967598	G	$(1*2^4(3+4)-5^6*78)*9$
-9766415	G	$-1-(2+3)^4/5^6-6-789$	-10968720	P	$-((1*2)/3-4+5^6*78)*9$
-9781131	G	$(-1-(2+3)^4)*5^6+7*(8+9)$	-10968763	G	$1-2-3*4-5^6*78*9$
-9797140	G	$-1-(2+3+4)*(5/6^7-7-89)$	-10968780	G	$((1*2)/3-4-5^6*78)*9$
-9797414	P	$1+2+(-3-4)*(-5*(6^7+8)+9)$	-10969902	P	$(-1*2^4(3+4)-5^6*78)*9$
-9797852	G	$-1-2+(-3-4)*5/6^7-7-89$	-10977175	G	$1-2+(3*4+5^6)*78*9$
-9835301	G	$(-1*2*3^4-5^6)*7*89$	-11012406	P	$(-1*2^4(((3-4)+5)^6))+7^8+9$
-9843678	G	$((1*(2-3^4)*5^6)*7+8)*9$	-11022544	G	$-1+23*(4^5*6-7*8-9)$
-9843822	P	$-((1*(-2+3^4)*5^6)*7+8)*9$	-11025610	G	$1*2-(3^4+5^6)*78*9$
-9870567	P	$(-1*(-2+3^4)*(-5^6+7))*8+9$	-11027007	G	$(1-(2+3^4+5^6)*78)*9$
-9870585	P	$(-1*(-2+3^4)*(-5^6+7))*8-9$	-11053917	G	$(1*(2-3^4)*5^6-78)*9$
-9874943	G	$(-1+(2-3^4)*5^6+7)*8+9$	-11069559	G	$(1*(2-3^4)*5^6-7*8)*9$
-9879415	G	$(1*(2-3^4)*5^6+7)*8+9$	-11082474	G	$(-1*2*3^4-5^6)*78*9$
-9879433	G	$(1*(2-3^4)*5^6+7)*8-9$	-11098710	G	$(1*(2-3^4)*5^6-(7+8))*9$
-9917211	G	$-1-2+(-3^4(4+5)+6)*7*8*9$	-11104326	P	$(-1*(-2+3^4)*(-5^6+7)+8)*9$
-9953198	G	$(1+23)^4*5^6-7+89$	-11104471	P	$(-1*(-2+3^4)*(-5^6+7)+8)*9$
-9953211	P	$-((1+23)^4*5^6-7)-9$	-11108870	P	$(-1*(-2+3^4)*(-5^6-7*8)*9)$
-9953349	G	$(1+23)^4*5^6-7+89$	-11109240	G	$((1*(2-3^4)*5^6)+7+8)*9$
-9953362	P	$-((1+23)^4*5^6-7)-89$	-11109510	P	$(-1*(-2+3^4)*(-5^6+7+8)*9)$
-9959117	G	$(1-2)*(3+4^5(5+6)+7^8+9)$	-11109879	G	$(1*(2-3^4)*5^6-7*8)*9$
-10001153	G	$-1-2^4(3+4)*5^6(6+7+8)+9$	-11114424	G	$(1*(2-3^4)*5^6+7-8)*9$
-10062501	G	$-1*23*4*5^6*7+8-9$	-11120040	G	$(1*(2-3^4)*5^6+7+8)*9$
-10062517	G	$(-1*23*4/5^6-6)*7-(8+9)$	-11149191	G	$(1*(2-3^4)*5^6+7*8)*9$
-10062572	G	$(-1*23*4*5^6)*7-8*9$	-11160531	P	$-1-2-3*(-(4+5)^6*7-89)$
-10062589	G	$(-1*23*4*5^6)*7-89$	-11164833	P	$(-1*(-2+3^4)*(-5^6-78))*9$
-10077366	G	$-1+23+4*(5-(6^7-8)*9)$	-11193630	G	$1+23^4*5/(6-7)*8+9$
-10077397	G	$(-1-2)*3+4*(5-(6^7-8)*9)$	-11197261	G	$-1+(2+3)*(45-(6^7*8+9))$
-10078326	P	$(-1*(2+3)^4+5)-(-6/(7-8))^9$	-11197324	G	$-1+2*3^4-5*(6^7*8+9)$
-10081798	G	$-1((1+3^4)-5-6^7((7-8)^9))$	-11199832	P	$(-1-2^3)^4-5*6^7*8+9$
-10088389	G	$-1-2+(3/-4+5-6)*(7^8-9)$	-11203992	P	$(-1+2^3)^4-5*6^7*8+9$
-10088404	G	$-1+(2-3)/4*(5+(6-(7-8))^9)$	-11243886	G	$-1-2-(3+4)^5*(678-9)$
-10120464	P	$(1*(-(-2-3)+4)*(-5^6+7))*8*9$	-11244960	G	$(-1*(2*3+4)*5^6-7)*8*9$
-10124920	G	$-1+((2-3^4)*5^6+7)*8+9$	-11255040	G	$(1*(2-3^4)*5^6+7)*8*9$
-10124934	G	$-1+2+(3^4*5^6+7)*8+9$	-11328126	G	$-1-(2+3+4/5)*(6+7-8)^9$
-10124936	P	$(-1+2-(3^4*5^6+7)*8)+9$	-11337411	G	$-1-2-3/4*(5-6+7)^8*9$
-10124938	G	$-1-2+(3^4*5^6+7)*8+9$	-11390506	G	$-1*((2-3^4-5)^6-7*(8+9))$
-10124943	G	$(-1-2-3^4*5^6+7)*8+9$	-11391346	G	$-1+(-2-3^4/5^6-78)*9$
-10124951	G	$1*2+(3^4*5^6+7)*8-9$	-11477714	P	$(-1+(2+(3+5))*(6^7+8))-9$
-10124961	G	$(1-2-3^4*5^6+7)*8-9$	-11481751	G	$-1-(2/3+4)*5^6-6/(7+8)^9$

-11499943	G	$(-1-23*4^5*6^7)*8+9$	-12266250	G	$-1-2-(3^{(4+5)+6})^*7*89$
-11500000	G	$(-1*23*4^5*6^7)*(7-(8-9))$	-12316920	G	$-1+23^4-5*(6^7-8)^*9$
-11501279	G	$-1*23*(4^5*6^7)*8+9$	-12317274	P	$-(1+(2-3+45)/6^7-89)$
-11501280	G	$-1-23*(4^5*6^7)*8+9$	-12324029	G	$(1*2^3)^4-5^6*789$
-11520520	G	$1+2*(3^4*5^6-7^8)+9$	-12328206	G	$(1-2)^*3^4-5^6*789$
-11520538	G	$1+2*(3^4*5^6-7^8)-9$	-12380610	G	$-1-2-3^{(4+5)}*(6+7*89)$
-11528770	G	$1+2*(3^4*5+6-7^8)+9$	-12381866	G	$-1-(2+3^{(4+5)})*(6+7*89)$
-11528788	G	$1-2*(3^4*5+6-7^8)-9$	-12386303	G	$1-2^{(3+4+5)}*6^7*8^9$
-11528795	G	$(1*2)^*(3^4*5-6-7^8)+9$	-12400929	G	$-1*2-(3+4)^*(5+6)^{(7+8-9)}$
-11528812	G	$1+2*(3^4*5-6-7^8)-9$	-12400930	G	$-1-2-(3+4)^*(5+6)^{(7+8-9)}$
-11529099	P	$-1+2*(3^{-(4+5-6)}-7^8+9)$	-12429118	G	$-1-(2^{(3+4)}+5^6)^*789$
-11529858	G	$-1*2*(3^4+5+6+7^8-9)$	-12562218	G	$-1+(2^{(3-4-5)}/6^7-89)$
-11529927	G	$-1+2*(-3*(4+5+6)-7^8-9)$	-12563905	P	$-1+2^3*(4^{-(5-6)}-7^8+9)$
-11529981	G	$-1+2*(-3*(4+5+6)-7^8-9)$	-12563986	P	$-1+2^3*(4^{-(5-6)}-7^8)-9$
-11530098	P	$-(1-2*((3-45)^*6-7^8))+9$	-12564049	G	$-1+2^3*(4^{(5+6)}-(7^8+9))$
-11530390	G	$1-2*(3^4*5-6+7^8)+9$	-12582510	G	$-1-2-3*(4^{(5+6)}-(7+8)^*9)$
-11530408	G	$1-2*(3^4*5-6+7^8)-9$	-12582967	G	$1-2-(3*(4^{(5+6)}+7+8)+9)$
-11530414	G	$1-2*(3^4*5+6+7^8)+9$	-12583020	G	$1*2-3*(4^{(5+6)}+7)-89$
-11530432	G	$1-2*(3^4*5+6+7^8)-9$	-12583320	G	$-1-2-3*(4^{(5+6)}+(7+8)^*9)$
-11538664	G	$1-2*(3^4*5+6+7^8)+9$	-12585282	G	$-1-2-3*(4^{(5+6)}+789)$
-11538682	G	$1-2*(3^4*5+6+7^8)-9$	-12588022	G	$-1-(23^4*5-6^7*8)^*9$
-11546412	G	$-1-2-(3+4)^5*(678+9)$	-12589812	G	$(1+23^4*5-6^7*8)^*9$
-11560895	G	$-1+2*(-3^4-5^6-7^8-9)$	-12589830	P	$-(1-23^4*5-6^7*8)^*9$
-11560939	P	$-1+2*(-3+5^6-(7^8-9))$	-12591900	G	$(1+23^4*5^{-(6-7)}*8)^*9$
-11563213	P	$1*2^{-(3+4)^5-(6-7^8)}-9$	-12591918	P	$-(1-23^4*5^{-(6-7)}*8)^*9$
-11566476	G	$-1-(2*(3^4*5^6-7^8)+9)$	-12592098	P	$-(1-23^4*5^{-(6+78)})^*9$
-11568990	P	$-(1+2*(3^{(4+5)}+6+7^8))-9$	-12592161	G	$(1-23^4*5+6+78)^*9$
-11613609	P	$(-1*(-2-3^4)^*(5^6-78))^*9$	-12592171	G	$-1-(23^4*5^6-67-8)^*9$
-11630043	P	$(-1*(-2-3^4)^*(5^6-7^8))^*9$	-12592206	P	$-(1-23^4*5+6-78)^*9$
-11660670	P	$(-1*(-2-3^4)^*(5^6-(7+8)))^*9$	-12593093	G	$-1+23-45*(6^7-89)$
-11666120	P	$(-1-2^{-(3-4^5+6)}+7)^*89$	-12593124	P	$(-1-2)^*3-45^{-(6^7+89)}$
-11666566	P	$-1-(2^{(3-4^5)}+6+7)^*89$	-12593139	G	$-1-23-45*(6^7-89)$
-11666574	G	$(-1*(-2-3^4)^*(5^6+7+8))^*9$	-12593772	G	$(1+23^4*5^{-(6-7)}*8)^*9$
-11666718	P	$(-1*(-2-3^4)^*(5^6+7+8))^*9$	-12593790	P	$-(1-23^4*5^{-(6-7)}*8)^*9$
-11671128	P	$(-1*(-2-3^4)^*(5^6+7-8))^*9$	-12595590	G	$(1*2^3*4^{-(5^6+7-8)})^*9$
-11671173	P	$(-1*(-2-3^4)^*(5^6+78))^*9$	-12595734	G	$(1*2^3*4^{-(5^6+7-8)})^*9$
-11671740	P	$(-1*(-2-3^4)^*(5^6+7+8))^*9$	-12596333	P	$-1+23-45^{-(6^7+8-9)}$
-11672010	P	$(-1*(-2-3^4)^*(5^6+7+8))^*9$	-12596682	G	$-1-(2-3^4-5^{-(6^7+8)})*9$
-11672379	P	$(-1*(-2-3^4)^*(5^6+7+8))^*9$	-12597427	G	$-1-234-(5/6^7-8)^*9$
-11672577	P	$(-1*(-2-3^4)^*(5^6+7+8))^*9$	-12597715	P	$-(1+234)^*(6^7+8)^*9$
-11672622	P	$(-1*(-2-3^4)^*(5^6-(7-8)))^*9$	-12597863	G	$-1+23-45*(6^7+8+9)$
-11677032	P	$(-1*(-2-3^4)^*(5^6+7+8))^*9$	-12598506	G	$(-1*2^3*4^{-(5^6+7+8)})^*9$
-11677176	P	$(-1*(-2-3^4)^*(5^6+7+8))^*9$	-12598650	G	$(-1*2^3*4^{-(5^6+7+8)})^*9$
-11683080	P	$(-1*(-2-3^4)^*(5^6+7+8))^*9$	-12601131	G	$-1*2^3*45^{-(6^7+89)}$
-11695107	P	$-1-2+(3^4)^5*(6^7+89)$	-12601149	P	$-(1+23)+45^{-(6^7-89)}$
-11713707	P	$(-1*(-2-3^4)^*(5^6+7+8))^*9$	-12654792	G	$(-1*2/3^4)^*(5^6(6-7+8)-9)$
-11718835	P	$-(1+(2+3)^{(4+5)})*6-(7+8^9)$	-12657708	G	$(1*2/3^4)^*(5^6(6-7+8)-9)$
-11730141	G	$(-1*(-2-3^4)^*(5^6-78))^*9$	-12735842	G	$(1+2/3^4)^*(5^6(6-7+8)-9)$
-11753577	G	$-1-2+(3-45)^*(6^7-89)$	-12750003	G	$-1-2-34*5^6*(7+8+9)$
-11756766	G	$1*(2/3+4)^*((5-6^7+8)^*9)$	-12754659	G	$-1-2+(-3-(-4-5)^6)^*(7+8+9)$
-11757280	G	$-1-(2+(-3-4)^*(5-6^7(7-(8-9))))$	-12876602	G	$-1-23^4-5*(6^7-8)^*9$
-11812401	G	$(1+2-3^4*5^6*7+8)^*9$	-12938877	G	$(-1*23*(4^5*6+7+8))^*9$
-11812410	G	$(1*2-3^4*5^6*7+8)^*9$	-12960003	P	$-1-(2+(3^4*5)^{-(6+7-(8+9))})$
-11812419	G	$(-1+2-3^4*5^6*7+8)^*9$	-12970783	G	$1-2+(3/4^5-5+6)^*(7^8+9)$
-11812581	P	$(-1+2-3^4*5^6*7+8)^*9$	-13188099	G	$-1-2+(3^4)^5*(6^{-(7*8+9)})$
-11882090	P	$(-1-(1-23)+4)^5-6^7*(8+9)$	-13281559	G	$-1-2-34^{((5/(6-7))^8+9)}$
-11899359	G	$-1-2-(3+4)^5*(6+7^8+9)$	-13337382	G	$-1+((-2-34^5)/6-7^8)-9$
-11943892	G	$-1-2+((3^4)^5*(6+7)^*8-9)$	-13345761	G	$(1-2-3^{(4+5)})^*678-9$
-11944004	G	$-1-2+((3^4)^5*(6+7)^*8-9)$	-13361568	G	$-1-2-(3+4)^5*(6+789)$
-11999170	G	$-1-(2+345)^*(6^7/8-9)$	-13432358	G	$1-23^4*(5^6+7+8)+9$
-12000201	P	$-1-2+(3+4)^5*6^7*(8+9)$	-13432367	G	$1+23^4*(5-6-(7^8-9))$
-12037338	G	$-1-(23+4^5)/6^7-89$	-13432376	G	$1-23^4*(5^6+7+8)-9$
-12041076	G	$-1-(23+4^5)^*(6^7-89)$	-13436567	G	$1+2^3*(45-6^7(7-(8-9)))$
-12058633	G	$(-1*23/4^5(56/7))^*8-9$	-13436807	G	$1+2/3^*(4^5*6^7*8)^*9$
-12072230	G	$-1+2-345*6^7/8+9$	-13436948	G	$-1-2-(3+45)^*6^7-(8+9)$
-12072234	G	$-1-2-345*6^7/8+9$	-13437208	P	$-1+2^3*(45+6^7*8)-9$
-12072252	G	$-1-2-345*6^7/8-9$	-13437379	G	$-1+2*(3^4-(4-(5+6^7)))^*8-9$
-12223025	G	$-1-23*(4+5)^6+7*(8+9)$	-13437907	G	$-1+2*(3^4*(5+6^7)^*8-9)$
-12249991	G	$(-1*2*(3+4)^5*6^7*8+9)$	-13441197	P	$1+2+(-3-45)^*(6^7-89)$
-12250009	G	$(-1*(2+3^4)^5*6^7*8-9)$	-13441201	P	$1-2+(-3-45)^*(6^7-89)$

-13522908	G	$(1-2-3^{\wedge}(4+5))^*(678+9)$	-15111413	G	$1+23^{\wedge}4*(5+6+7-8^*9)$
-13565880	P	$-(-1*23^{\wedge}-4^{\wedge}(56/7)-8)^*9$	-15111422	P	$1-23^{\wedge}4*(-(5-67)-8)-9$
-13566024	P	$-(-1*23/-4^{\wedge}(56/-7)+8)^*9$	-15111837	G	$(1-(23^{\wedge}4-5)^*6-78)^*9$
-13609215	G	$(-1-2)^*3^{\wedge}4/-5^*(6+7-89)$	-15111855	G	$(-1-(23^{\wedge}4-5)^*6-78)^*9$
-13636214	G	$-1+2*(-3/4^{\wedge}(-5-6)+7^{\wedge}8)+9$	-15116979	G	$-1-(2-(3-4-5)^*(6^{\wedge}7+8)^*9)$
-13671810	G	$1^*2-(3+4)^*(5^{\wedge}(-6+7+8)-9)$	-15326497	G	$-1-(2^{\wedge}-3+4+5)^*6^{\wedge}(7-8+9)$
-13671814	G	$-1^*2-(3+4)^*(5^{\wedge}(-6+7+8)-9)$	-15330749	G	$-1-2^*3^{\wedge}(4^*5-6)-7^{\wedge}8-9$
-13671913	G	$-1-2-(3+4)^*(5+(6+7-8)^{\wedge}9)$	-15372791	P	$1^*2/3^*4*(-(5-6+7^{\wedge}8)+9)$
-13671935	G	$1+2-(3+4)^*(5^{\wedge}(-6+7+8)+9)$	-15411006	G	$(1-2+3^{\wedge}(4+5))^*(6-789)$
-13671936	G	$1^*2-(3+4)^*(5^{\wedge}(-6+7+8)+9)$	-15427596	G	$-1-2+(3^*-4)^{\wedge}5*(6+7^*8)-9$
-13671940	G	$-1^*2-(3+4)^*(5^{\wedge}(-6+7+8)+9)$	-15534624	G	$-1-(2+(3^{\wedge}(4+5)+6)^*789)$
-13672007	G	$-1-((2+3)^{\wedge}(4+5)+6)^*7-89$	-15535410	P	$(1-2-3^{\wedge}-(-4-5)-6)^*789$
-13781322	P	$-((-1*2*(-3-4)^*5^{\wedge}6)^*7+8)^*9$	-15624896	P	$(1^*2^{\wedge}3)^*(4-5^{\wedge}(-(-6-7)+8)+9)$
-13818161	P	$-(1^*23^{\wedge}(-(-4-5)^{\wedge}6+7))^{\wedge}8+9$	-15624977	G	$(1^*2)^{\wedge}3*(4-5^{\wedge}(-6+(7+8)))^{\wedge}9$
-13821681	G	$-1-2-(3^{\wedge}(4+5)+6)^*78^*9$	-15625023	P	$(1^*2)^{\wedge}3*(-(4+5^{\wedge}(-6+(7+8))))+9$
-13824003	G	$-1-2+(3+4)^*5^{\wedge}6*(-7-8)^{\wedge}9$	-15625041	P	$(1^*2)^{\wedge}3*(-(4+5^{\wedge}(-6+(7+8))))^{\wedge}9$
-13835538	P	$-1-2-3*(-(4/5*(6-7^{\wedge}8)-9))$	-15625104	P	$(-1^*2^{\wedge}3)^*(4+5^{\wedge}(-(-6-7)+8)+9)$
-13900020	G	$(1*(2-3^*4)^*(5^{\wedge}6-7))^*89$	-15648780	G	$(1-2-3^{\wedge}(4+5))^*(6+789)$
-13912480	G	$(-1*(2^*3+4)^*(5^{\wedge}6+7))^*89$	-15668352	G	$(1^*2*(3^{\wedge}4-5^{\wedge}6))^*7^*8^*9$
-13936981	G	$-1-(2+3^{\wedge}(4+5))^*(6+78^*9)$	-15670977	G	$1^*23^{\wedge}4*56+7^*(8+9)$
-13953125	G	$(1*(-23+4)^*5^{\wedge}6)^*(7^*8-9)$	-15671014	P	$-(1^*23)^{\wedge}4*56-7+89$
-13994614	G	$-1-(2-3+4)^{\wedge}(5+6)^*(7+8^*9)$	-15671097	G	$-1^*23^{\wedge}4*56+(7-8)^{\wedge}9$
-13997824	P	$-(1^*2^{\wedge}(3+4))^*(5^{\wedge}6*7-8-9)$	-15671165	P	$-(1^*23)^{\wedge}4*56-78+9$
-13999872	P	$-(1^*2^{\wedge}(3+4))^*(5^{\wedge}6*7+8-9)$	-15671183	P	$-(1^*23)^{\wedge}4*56-78-9$
-13999911	G	$(-1^*2^{\wedge}(3+4)/5^{\wedge}6)^*7+89$	-15671192	P	$-(1^*23)^{\wedge}4*56-7-89$
-13999928	G	$(-1^*2^{\wedge}(3+4)^*5^{\wedge}6)^*7+8^*9$	-15671600	G	$-1^*23^{\wedge}4*56-7^*8^*9$
-13999983	G	$(-1^*2^{\wedge}(3+4)^*5^{\wedge}6)^*7+8+9$	-15674240	G	$1-(23^{\wedge}4+56)^*7^*8-9$
-13999991	G	$(1-2+3)^{\wedge}4*5^{\wedge}6*-7^*8+9$	-15676321	G	$-1-2+(3+4)^*(5-(6^{\wedge}7*8-9))$
-14000009	G	$(1-2+3)^{\wedge}4*5^{\wedge}6*-7^*8-9$	-15700092	G	$-1-2+3*((4+5)^{\wedge}6-7^{\wedge}8)-9$
-14000017	P	$(-1^*2^{\wedge}(3+4)^*5^{\wedge}6)^*7-8-9$	-15752962	G	$-1-(2^*34-5)^{\wedge}(-6-7+8+9)$
-14000071	G	$1-2^{\wedge}(3+4)^*5^{\wedge}6*7-8^*9$	-15831648	G	$(1^*2*(3^{\wedge}4+5^{\wedge}6))^*7*-8^*9$
-14000072	G	$(-1^*2^{\wedge}(3+4)^*5^{\wedge}6)^*7-8^*9$	-15853175	P	$1+2+(-3+4)^{\wedge}(5-6))^*(-(7^{\wedge}8+9))$
-14000089	G	$(-1^*2^{\wedge}(3+4)/5^{\wedge}6)^*7-89$	-15943220	P	$(-1+2+3*(-(4+5)^{\wedge}6))^*(-(7-(8+9)))$
-14000285	G	$-1-2-(3-((4-5)-6)^{\wedge}7)^*(8+9)$	-15943254	G	$-1^*2*(3+(4+5)^{\wedge}6*(7+8)+9)$
-14000368	G	$-1-(2^{\wedge}3-(4-(5+6))^{\wedge}7)^*(8+9)$	-15944050	G	$-1-(2+3+4)^*(5+6)^{\wedge}(7+8-9)$
-14002176	P	$-(1^*2)^{\wedge}(3+4)^*(5^{\wedge}6*7+8+9)$	-15992823	P	$(-1^*2^{\wedge}(3+4))^*(-(5^{\wedge}6+7))^*8+9$
-14060842	P	$1+2*(-(3^{\wedge}4*5^{\wedge}6+7^{\wedge}8)+9)$	-15992841	P	$(-1^*2^{\wedge}(3+4))^*(-(5^{\wedge}6+7))^*8-9$
-14060860	P	$1+2*(-(3^{\wedge}4*5^{\wedge}6+7^{\wedge}8)-9)$	-15993984	P	$-(1^*2)^{\wedge}(3+4)^*(5^{\wedge}6-7)^*8+9$
-14134500	P	$(-1+2)*(-3+4^{\wedge}-(-5-6)-7^{\wedge}8)^*9$	-15999935	G	$(-1^*2^{\wedge}(3+4)^*5^{\wedge}6+7)^*8+9$
-14134680	G	$-1*(23-4^{\wedge}(5+6)+7^{\wedge}8)^*9$	-15999953	G	$(-1^*2^{\wedge}(3+4)^*5^{\wedge}6+7)^*8-9$
-14160040	G	$-1^*23^{\wedge}4*5^{\wedge}6-7^{\wedge}8-9$	-16000047	P	$-(1^*2^{\wedge}(3+4)^*5^{\wedge}6+7)^*8+9$
-14224479	G	$-1+(2+3*(4^{\wedge}5-6^{\wedge}7))^*(8+9)$	-16000065	P	$-(1^*2^{\wedge}(3+4)^*5^{\wedge}6+7)^*8-9$
-14276710	G	$1-2+3*(4+5-6^{\wedge}7*(8+9))$	-16006016	P	$-(1^*2)^{\wedge}(3+4)^*(5^{\wedge}6+7)^*8-9$
-14276754	G	$-1-(2^*3+45)/6^{\wedge}-7-8-9$	-16007159	G	$(-1^*2^{\wedge}(3+4))^*(5^{\wedge}6+7))^*8+9$
-14276826	G	$-1-(2^*3+45)/6^{\wedge}-7-89$	-16007177	G	$(-1^*2^{\wedge}(3+4)^*(5^{\wedge}6+7))^*8-9$
-14277198	G	$-1-(2+3*(4+(5+6^{\wedge}7))^*(8+9))$	-16008320	P	$-(1^*2)^{\wedge}(3+4)^*(5^{\wedge}6+7)^*8+9$
-14279811	G	$-1-2-3*(4^{\wedge}5+6^{\wedge}7*(8+9))$	-16096323	G	$-1-2-345*6^{\wedge}(7+8-9)$
-14348626	G	$-1-(23+4)^{\wedge}5-6*(-7^*8+9)$	-16142976	G	$(1-2-345)^*6^{\wedge}(7+8-9)$
-14348787	G	$-1+2-(3^{\wedge}(4+5+6)-7^*(8+9))$	-16170220	G	$-1-23*((4-(5-6))^{\wedge}7-8)^*9$
-14348791	G	$-1-2-(3^{\wedge}(4+5+6)-7^*(8+9))$	-16172704	G	$-1-23*(4+5^{\wedge}(6-(7-8)))^*9$
-14349298	G	$-1-(23+4)^{\wedge}5-6*(7^*8+9)$	-16173693	G	$-1-2-((3^*-4)^{\wedge}5+6)^*(7-8^*9)$
-14487105	G	$-1-(2+(3/4+5)^*(6^{\wedge}7+8)^*9)$	-16235843	G	$-1-2*((34-5)^*(6^{\wedge}7-8)+9)$
-14526055	G	$-1+(2-(3-4))^{\wedge}(5+6)^*(7-89)$	-16450563	G	$-1-2+(3^*4)^{\wedge}5*(-(6+7+8)/9)$
-14560416	P	$(-1+(-2-3^{\wedge}4)^*5)^*(-(6^{\wedge}7/8-9))$	-16453125	G	$(-1^*2^*3/4^*5^{\wedge}6)^*78^*9$
-14622719	G	$1-2^{\wedge}(3^*4)^*5^*6*-7*(-8-9)$	-16570090	G	$(1^*2^*3^{\wedge}-4)^*5*(6-(7+8^{\wedge}9))$
-14624972	G	$-1+2-3*(4/(5^{\wedge}-6/78)-9)$	-16586209	G	$-1-(2^*3)^{\wedge}(4+5)/6*(7/8+9)$
-14624974	G	$1-2-3*(4/(5^{\wedge}-6/78)-9)$	-16609531	G	$-1+2/3*(4+(5-6^{\wedge}7^*89))$
-14624976	G	$-1-2-3*(4/(5^{\wedge}-6/78)-9)$	-16612207	G	$-1+2/3*(45+6^{\wedge}7)^*89$
-14624994	G	$-1-2-3^*4/(5^{\wedge}-6/78)+9$	-16624991	G	$(1*(-23+4)^*5^{\wedge}6)^*7^*8+9$
-14625010	G	$1-2-3^*4^*5^{\wedge}6*78-9$	-16625009	G	$(1*(-23+4)^*5^{\wedge}6)^*7^*8-9$
-14625024	G	$1+2-3*(4/(5^{\wedge}-6/78)+9)$	-16671592	P	$(-1-(2-(3^*4)^{\wedge}5)^*67-8)+9$
-14625026	G	$-1+2-3*(4/(5^{\wedge}-6/78)+9)$	-16686875	G	$1^*2-(3^*4*5^{\wedge}6-7)^*89$
-14625028	G	$1-2-3*(4/(5^{\wedge}-6/78)+9)$	-16688121	G	$1^*2-(3^*4*5^{\wedge}6+7)^*89$
-14687500	G	$(-1*(2+3)^*4/5^{\wedge}-6)^*(7^*8-9)$	-16736281	G	$-1*(2^{\wedge}(3^{\wedge}4)-5)^{\wedge}(-6+7-8+9)$
-14840425	G	$-1-(2^{\wedge}3+45)^*(6^{\wedge}7+8^*9)$	-16795095	G	$-1-2-3^*4*(5/6^{\wedge}-7-89)$
-14843751	G	$-1-2*(3+4/5)^*(6+7-8)^{\wedge}9$	-16795575	G	$-1-2-3^*4*(-5*(-(6^{\wedge}7+8)-9))$
-14906593	G	$-1+(2^{\wedge}-3-4-5)^*6^{\wedge}(7-8+9)$	-16795654	P	$1-2-3*(4^*5*(-(6^{\wedge}7+8)-9))$
-15059556	G	$1*(23^{\wedge}4-5^{\wedge}(-6+7+8))^*9$	-16795947	G	$-1-2-3*(4^*5*6^{\wedge}7-8^*9)$
-15110973	G	$(1-(23^{\wedge}4+5)^*6+78)^*9$	-16796379	G	$-1-2-3*(4^*5*6^{\wedge}7+8^*9)$
-15111404	P	$1-23^{\wedge}4*(-(5-67)-8)+9$	-16818201	G	$-1*(2^{\wedge}(3^{\wedge}4)+5)^{\wedge}(-6+7-8+9)$

-16892931	G	$-1-2+(3^4)^5*(-67-8/9)$	-17578836	G	$1*(2-3^4-5^4(-6+7+8))^*9$
-16901137	G	$-1-((2/3)^{-4+5})^6*(7-8+9)$	-17578953	G	$-1*(23^4+5^4(-6+7+8))^*9$
-16920579	G	$-1-2+(3^*-4)^5*(67-8+9)$	-17579276	G	$1-(2^4(3+4)+5^4(-6+(7+8)))^*9$
-17006065	G	$((1+2-3)^*(4+5)^6+7)^*8-9$	-17579583	G	$(-1*2/3^4-4-5^4(-6+(7+8)))^*9$
-17011481	P	$-((1-23)^4+(56/7)^8)-9$	-17583750	P	$-(1*(2+3)^4+5^4(-6+7+8))^*9$
-17168204	P	$-(1+2*(3^4(4-(-5-6))-7^8))+9$	-17614989	P	$-((1^2)^4(3^4)+5^4(-6-(-7-8)))^*9$
-17168222	G	$-1-(2*(3^4(4+5+6)-7^8)+9)$	-17625000	G	$(1*2*3^4*5^6)^*(-7^8+9)$
-17168997	G	$-1-2+(3^*-4)^5+6)^*(78-9)$	-17635432	G	$-1-(2-(3+4)^*(5-(6^7-8)^9))$
-17169685	G	$-1+(2-(3^4)^5-6)^*(78-9)$	-17635467	G	$-1-2+(3^4-5)^*(-6^7+8)^*9$
-17169825	P	$-1-2+(3^4)^5+6)^*(-78-9)$	-17635780	G	$1-2-(3+4)^*(5+6^7-8)^*9$
-17209894	P	$-(1+(23+4))^5+6*(7+8)^9)$	-17636440	G	$-1-(2-(3+4)^*(5-(6^7+8)^9))$
-17281250	G	$(-1*2*(3+4)^5*6)^*(7+8)^9)$	-17636788	G	$1-2-(3+4)^*(5+(6^7+8))^*9$
-17291307	G	$-1-2+3*(4^5+(6-7^8))+9$	-17672976	G	$(1*2*(3^4(4^5-6)-7^8))^*9$
-17293011	G	$-1-(2-3*(456-7^8+9))$	-17718752	G	$-1-2*3^4*5^6*7+8-9$
-17293065	G	$-1-(2-3*(456-(7^8+9)))$	-17718785	G	$-1-2*(3^4*5^6*7-(-8-9))$
-17293587	G	$-1-2+3*(45*6-7^8)+9$	-17845923	G	$-1-2-3/4*5^6*7*(8+9)$
-17293725	G	$-1-2+3*(4*56-7^8)+9$	-17910144	G	$(-1*2^4(3+4)^*(5^6-78))^*9$
-17293901	G	$1-2+3*(4^5/6-7^8)-9$	-17915597	G	$-1+2*(3-4*(5+6^7)^*8-9)$
-17294017	P	$1-2-3*(4*5*6-7^8+9)$	-17916237	G	$-1+2*(3-4*(5+6^7)^*8)-9$
-17294071	P	$1-2-3*(4*5*6-7^8-9)$	-17916282	P	$-(1+2*(3+4)^*(5+6^7))^*8-9$
-17294539	P	$1-2-3*(-(-4-5)*6-(7^8-9))$	-17916843	G	$-1-2-((3^4)^5+6+7)^*8^*9$
-17294550	G	$-1-2-3*(45+6+7^8)+9$	-17935488	G	$(-1*2^4(3+4)^*(5^6-7^8))^*9$
-17294891	G	$-1-(2-3*(-4^5/6-7^8+9))$	-17937500	G	$(1*2*(3+4)^*5^6)^*(7-89)$
-17295069	G	$-1-(2-3*(-4*56-7^8))+9$	-17982720	P	$-(-1*2^4(3+4)^*(5^6+7+8))^*9$
-17295207	G	$-1-(2-3*(-45*6-7^8))+9$	-17991864	P	$(-1*2^4(3+4)^*(-5^6+7+8))^*9$
-17295783	G	$-1-2-3*(456+7^8)-9$	-17992008	P	$-(-1*2^4(3+4)^*(5^6+7+8))^*9$
-17297449	G	$1-2-3*(4^5-6+7^8)+9$	-17998992	G	$(-1*2^4(3+4)^*(5^6-7/8))^*9$
-17297451	G	$-1-(2+3*(4^5-(6-7^8)))+9$	-17999298	P	$-(-1*2^4(3+4)^*5^6-78)^*9$
-17481909	G	$1+2-(-3*(-4*5^6-7^8)+9)$	-17999865	G	$(-1*2^4(3+4)^*5^6+7+8)^*9$
-17498111	P	$-(1-2)-3/(4^5(5-6-7)/89)$	-18000003	P	$-1-2-3*4/(5^6-6/(-7-89))$
-17498113	G	$1-2-3/(4^5(5-6-7)/89)$	-18000135	P	$-(-1*2^4(3+4)^*5^6+7+8)^*9$
-17499991	G	$(1*(-2-3)^4*5^6)^*7^8+9$	-18000702	G	$(-1*2^4(3+4)^*5^6-78)^*9$
-17500009	G	$(-1*(2+3)^4*5^6)^*7^8-9$	-18001008	G	$(-1*2^4(3+4)^*(5^6+7/8))^*9$
-17541261	P	$-(-1*2^4(3^4)+5^4(-6-(-7-8)))^*9$	-18007992	P	$(1*2^4(3+4)^*(-5^6+7+8))^*9$
-17572500	G	$(1*(2+3)^4-5^4(-6+7+8))^*9$	-18008136	G	$(-1*(2^4(3+4)^*(5^6+7+8))^*9$
-17576010	P	$-(-1-23+5^4(-6+7+8))^*9$	-18017280	G	$(-1*2^4(3+4)^*(5^6+7+8))^*9$
-17576667	G	$(1*2/3^4-4-5^4(-6+(7+8)))^*9$	-18055873	G	$-1-(23/4+5)^6*(7-8+9)$
-17576972	G	$1+(2^4(3+4)-5^4(-6+(7+8)))^*9$	-18064512	G	$(-1*2^4(3+4)^*(5^6+7^8))^*9$
-17577297	G	$1*(23^4-5^4(-6+7+8))^*9$	-18089856	P	$(1*2^4(-3-4)^*(-5^6-78))^*9$
-17577513	G	$((1*2)^3*34-5^4(-6+7+8))^*9$	-18279145	G	$-1+234*(5^4(6-(7-8))+9)$
-17577822	G	$-1-(2-(34-5^4(-6+7+8))^*9)$	-18421417	G	$-1+(2-3^4(4+5))^*(6+7)^*8^*9$
-17577908	P	$1-(2*3^4-4+5^4(-6-7+8))^*9$	-18466305	G	$-1-2^4(3+4^5)+(6/(7-8))^4$
-17577910	P	$-1-(2*3^4-4+5^4(-6-7+8))^*9$	-18504481	P	$-1-2+(-(3+4)^5)^6-7/8+9$
-17577996	G	$1+2^4(3+4)-5^4(-6+7+8)^*9$	-18504499	G	$-1-(2+((3+4)^5)^6+7/8+9)$
-17577999	G	$(1*2+3^4-5^4(-6+7+8))^*9$	-18703053	G	$((1*(-23+4)^5)^6)^*7+8)^*9$
-17578020	P	$-1-(2-(3^4-5^4(-(-6+7)-8)))^*9)$	-18703197	P	$-((1*(-23+4)^5)^6)^*-7+8)^*9$
-17578084	G	$1+2+3+(4-5^4(-6+(7+8)))^*9$	-18735571	P	$1+2+(-3-4^4(5-6))^*(-7^8+9)$
-17578086	P	$(1+2/3+4-5^4(-6-7+8))^*9$	-18888696	G	$1+2-3*((4+5)^6+7^8)-9$
-17578091	G	$(-1+2)^*(34-5^4(-6+7+8))^*9$	-18888738	G	$-1-(2+3*((4+5)^6+7^8)+9)$
-17578138	G	$1-2-3*4-5^4(-6+7+8)^*9$	-18911235	G	$-1-2+(3^4)^5*(6+7-89)$
-17578140	G	$-1-2-3*4-5^4(-6+7+8)^*9$	-18984335	G	$1-(2-3^4/5^4-6)^*(-7-8)+9$
-17578141	G	$(1+-2-3)^4*5^4(-6+(7+8))^*9$	-18984353	G	$1-(2-3^4/5^4-6)^*(-7-8)-9$
-17578150	G	$-1-2*3^4-5^4(-6+7+8)^*9$	-18986562	G	$(-1-2)^3*4^4*(5^4(6-(7-8))+9)$
-17578164	P	$-(1-2/3+4+5^4(-6-7+8))^*9$	-19035173	G	$-1+(2^3+4^4*(5-6^7))^*(8+9)$
-17578168	G	$1-2^3+(-4-5^4(-6-(-7-8)))^*9$	-19035260	G	$-1-2+(3+4)^*(5-6^7))^*(8+9)$
-17578176	P	$-(1+2/3+4+5^4(-6-7+8))^*9$	-19035721	P	$-(1+(23+45)^6)^7-8^*9$
-17578193	G	$-1*2^3*4-5^4(-6+7+8)^*9$	-19035940	G	$-1-2+(3-4^4*(5+6^7))^*(8+9)$
-17578217	G	$-1*2^3*4-5^4(-6+7+8)^*9$	-19035997	G	$-1-(2^3+4^4*(5+6^7))^*(8+9)$
-17578236	P	$-1-(2+(3^4+5^4(-(-6+7)-8)))^*9)$	-19036202	P	$-1-(23-45)^6*(6^7+8)-9$
-17578251	G	$(-1*2-3^4-5^4(-6+7+8))^*9$	-19296875	G	$(1*(23-4)^*5^6)^*(7-8^*9)$
-17578254	G	$-1-2^4(3+4)-5^4(-6+7+8)^*9$	-19316137	G	$-1-(2/3^4+5)^*(6^7+8)^*9$
-17578287	G	$-1*2^3*4-5^4(-6+7+8)^*9$	-19367824	G	$(1*2*(3^4-5^6))^*7^8+9$
-17578288	G	$-1-2*3^4-5^4(-6+7+8)^*9$	-19408421	P	$-1*(2-((3^*-4)^5+6)^7)+9$
-17578340	P	$1+(2*3^4-4-5^4(-6-7+8))^*9$	-19485893	G	$-1+(2*3)^4-((5+6)^7+8+9)$
-17578342	P	$-1+(2*3^4-4-5^4(-6-7+8))^*9$	-19485948	G	$-1+(2*3)^4+(-5-6)^7-8^*9$
-17578359	G	$-1*234-5^4(-6+7+8)^*9$	-19488485	P	$-1+((2*3)^4+(5+6)^7+8))-9$
-17578360	G	$-1-234-5^4(-6+7+8)^*9$	-19488540	G	$-1-(2*3)^4+(-5-6)^7-8^*9$
-17578434	G	$-1-(2+(34+5^4(-6+7+8)))^*9)$	-19493715	P	$-((1+2^3)^4+(5+6)^7+8+9)$
-17578692	P	$(-1+(2+3)^4(4+5))-6+7^*-8)^*9$	-19493731	P	$-((1+2^3)^4+(5+6)^7+8)+9$
-17578737	G	$((-1*2)^3*34-5^4(-6+7+8))^*9$	-19493733	P	$-((1+2^3)^4+(5+6)^7)+8-9$

-19493749	P	$-(1+2^3)^4+(5+6)^7+8)-9$	-21906233	G	$-1-(2+(-3-4/5)*(6-7^8)+9)$
-19531159	G	$1-(-2+3^4)*(5^(-6+7+8)-9)$	-22020151	G	$-1+2^3*(-4^(5+6)*7/8-9)$
-19531243	P	$1+2*(3-(-(4-5)-6)^(-(7-8)+9))$	-22036998	G	$(-1*(-2-3^4)*(-5^6+7))*(8+9)$
-19531245	P	$-1+2*(3-(-(4-5)-6)^(-(7-8)+9))$	-22046756	P	$(-(-1*(-2-3^4)*5^6+7))*(8+9)$
-19531255	P	$1-2*(3+(-(4-5)-6)^(-(7-8)+9))$	-22046994	P	$(-1*(-2-3^4)*5^6+7)*-(8+9)$
-19531257	P	$-1-2*(3+((4-5)+6)^(-(7-8)+9))$	-22051224	G	$(-1*2*(3^4+5^6))*78*9$
-19531339	G	$1+(2-3^4)*(5^(-6+7+8)+9)$	-22056752	P	$(-1*(-2-3^4)*-(5^6+7))*(8+9)$
-19569676	G	$(-1*2*(3^4+5^6))*7*89$	-22115261	G	$-1-(-2+3^4)*(5-(-6^7-8)-9)$
-19595610	G	$-1-(2+3^4)*5^6*7-89$	-22140088	G	$-1-2-((3^4)^5-67)*89$
-19595699	G	$-1+2*((-3-4)*5^6*7-89)$	-22320569	G	$1-2/3*((4+5)^6*7+8)*9$
-19658205	G	$-1-2-((3^4)^5+6)*(7+8*9)$	-22339575	G	$(-1*2*(-3^4+5))*6^7*8+9$
-19687428	G	$((1*(-2-3)*4*5^6)*7+8)*9$	-22339593	G	$(-1*2*(-3^4+5))*6^7*8-9$
-19687572	P	$-((1*(-2-3)*4*-5^6)*7+8)*9$	-22387279	G	$1-23^4*(56+7+8+9)$
-19735488	G	$(1+23/4+5)*-6^7(7-(8-9))$	-22393575	G	$(1*2*(3^4-5*6^7))*8+9$
-19819036	P	$-((1+23)^4+(5+6)^7)-89$	-22393593	G	$(1*2*(3^4-5*6^7))*8-9$
-19828125	G	$(1*(23+4)*5^6)*(7*8-9)$	-22394701	G	$-1+2*(3^4-5/6^7*8-9)$
-19906563	G	$-1-2+(3^4)^5+6^7*8*9$	-22394710	G	$-1+2*(3^4-5/6^7*8)+9$
-20081451	G	$-1-2+(3+4^5-6^7)*8*9$	-22395290	P	$-(1-(2-3^4)*(5+6^7)*8)-9$
-20096694	P	$-(1*23^4+5^(-6+7+8))*9$	-22395434	G	$-1+2*(-34-5*6^7)*8-9$
-20147985	G	$(-1*(23^4-56^7)*8)*9$	-22396167	G	$(-1*2*(3^4+5*6^7))*8+9$
-20148102	G	$((1*2*3^4)*5-6^7*8)*9$	-22396185	G	$(-1*2*(3^4+5*6^7))*8-9$
-20148462	P	$1+23^4*(-5+6^7)+89$	-22418940	G	$-1-2-3^4(4+5)*6^7*(8+9)$
-20151075	G	$-1-2+(3^4*-5+6^7)*-8*9$	-22450167	G	$(-1*2*(3^4+5))*6^7*8+9$
-20153739	G	$-1-2-(3+4*5-6^7)*8*9$	-22450185	G	$(-1*2*(3^4-4+5))*6^7*8-9$
-20155125	G	$-1-23^4+(5-6^7)*8*9$	-22489920	P	$(1*(-2-3)*4*(-5^6+7))*8*9$
-20155899	G	$-1-2+(3^4-4+5-6^7)*8*9$	-22497480	G	$(1*(-2-3)*(-4*5^6+7))*-8*9$
-20157210	G	$(-1*2*3^4-(-5-6^7)*-8)*9$	-22499496	G	$(1*(-2-3)*4/5^(-6+7))*8*9$
-20157339	G	$-1-2-(3*(4+5)+6^7)*8*9$	-22500504	G	$(-1*(-2-3)*-4*5^6-7)*8*9$
-20157915	G	$-1-2-((3+4)*5+6^7)*8*9$	-22502520	G	$(1*(-2-3)*(4*5^6+7))*8*9$
-20159209	G	$-1-(2^3+45+6^7)*8*9$	-22510080	G	$(1*(-2-3)*4*(5^6+7))*8*9$
-20161593	G	$(1-2*345-6^7*8)*9$	-22542008	P	$-(1*2^((-(3+4)+5)*6))-7^8+9$
-20161958	P	$-((1+2^3)^4+5)-6^7*8*9$	-22667120	G	$1+23^4*(56/7-89)$
-20162682	P	$-((1*2*3^4)*5+6^7*8)*9$	-22674574	G	$-1-(2+(3+4))*(5+6^7-8)*9$
-20225379	G	$-1-2+(3/4-5)/(6^7-7/(8+9))$	-22675870	G	$-1-(2+(3+4))*(5+(6^7+8))*9$
-20228907	G	$-1-2+(3-4^5-6^7)*8*9$	-22750001	G	$-1-234*5^6*7*8/9$
-20250790	G	$-1-(2*3)^4/5^(-6-789)$	-22780755	P	$-(1+2*3^4*5^6*7*8)*9$
-20259090	G	$-1-(2*3)^4*(5^6+7)-(8+9)$	-22781061	P	$-(1+2*(3^4/5^(-6-7)-8)-8)*9$
-20312500	G	$(-1*(2+3)*4*5^6)*(7*8+9)$	-22781187	P	$(1+2*(-3^4/5^(-6-7)-8)-8)*9$
-20376573	G	$1+2+(3^4*5+6^7)*-8*9$	-22781295	P	$(1+2*(-3^4*5^6+7)+8)*9$
-20403735	P	$-1-2+((3^4-4)^5+6^7)*-(7-89)$	-22781457	P	$-(1+2*(3^4*5^6+7)+8)*9$
-20404227	G	$-1-2-(3^4)^5-6^7*8*9$	-22781745	G	$(1-2*3^4*5^6*7*8)*9$
-20434874	P	$-(1+23^4)+(5-6^7)*8*9$	-22781763	P	$-(1+2*3^4*5^6+7*8)*9$
-20974974	P	$(-1*(-2+3^4)*(-5^6+7))*-(8+9)$	-23058945	P	$(1-2)^3*4*(-56-7^8+9)$
-20984256	G	$((1*(2-3^4)*5^6+7)*8+9)$	-23058950	G	$-1-(2+3-4*(56-7^8+9))$
-20984494	P	$(-1*(-2+3^4)*-5^6+7)*-(8+9)$	-23058968	G	$-1-(23-4*(56-7^8+9))$
-20988459	P	$((1*23)^4+5)*-(67+8)-9$	-23059053	G	$1-2*3+4*(5*6-7^8+9)$
-20993776	G	$(1*(2-3^4)*(5^6+7))*(8+9)$	-23059067	G	$1*2^3+4*(5*6-7^8)+9$
-20999991	G	$(-1*2*3^4*5^6)*7*8+9$	-23059446	G	$-1-2^3-4*(56+7^8)-9$
-21000000	G	$(-1*2*(3+4)*5^6)*(7+89)$	-23062500	G	$(1-23+4)/(5^(-6)/(-7+89))$
-21000009	G	$(-1*2*3^4*5^6)*7*8-9$	-23141379	G	$-1-2+(3^4-4)^5*(6-(-78-9))$
-21374496	P	$(-(-1*(-23+4)*5^6+7))*8*9$	-23162695	G	$-1*(2-3^4(4+5)+6^7)*89$
-21375504	P	$(-1*(23-4)*5^6-7)*8*9$	-23234357	G	$-1-(-2+3^4)*5(5-6^7+8-9)$
-21381394	G	$-1*2*(34^5(5+6-7)*8+9)$	-23437389	P	$1+2-3*-4*(-5^(-6-7)+8)+9$
-21384576	G	$(1*(-23+4)*(5^6+7))*8*9$	-23437391	P	$-1+2-3*4*(-5^(-6-7)+8)+9$
-21435889	G	$-1-23^4*56-7^8+9$	-23437393	P	$1-2-3*-4*(-5^(-6-7)+8)+9$
-21515489	P	$(1+-2-3^4/-5^(-6-7))*-(8+9)$	-23437395	P	$-1-2-3*4*(-5^(-6-7)+8)+9$
-21515539	G	$1-(-2-3^4*5^6+7)*(-8-9)$	-23437443	G	$-1-(2-3*4*(5-(6+7-8)^9))$
-21515541	G	$-1-(-2-3^4*5^6+7)*(-8-9)$	-23437470	P	$1+2-3*(-4*5^(-6+7+8)+9)$
-21515693	G	$(1+2-3^4/5^(-6-7))*8+9$	-23437474	P	$1-2-3*(-4*5^(-6+7+8)+9)$
-21515709	G	$1-(-2+3^4*5^6+7)*8+9$	-23437526	G	$-1+2-3*(4*5^(-6+7+8)+9)$
-21515745	P	$1-2+(3^4*5^6+7)*-(8+9)$	-23437528	G	$1-2-3*(4*5^(-6+7+8)+9)$
-21515747	G	$-1-(2+(3^4*5^6+7)*(8+9))$	-23437530	G	$-1-2-3*(4*5^(-6+7+8)+9)$
-21515761	G	$(1-2-3^4/5^(-6-7))*8+9$	-23437605	G	$1+2-3*4*(5^(-6-7)+8)+9$
-21515777	P	$1-(2-3^4*-5^6+7)*(-8-9)$	-23437607	P	$1+2-3*4*(5^(-6-7)+8)+9$
-21618018	G	$-1-2-3/4*-5*(6-(7^8+9))$	-23437609	P	$1-2-3*4*(5^(-6-7)+8)+9$
-21648909	P	$-1-2+((3^4)^5+6)*-(78+9)$	-23437611	P	$-1-2-3*4*(5^(-6-7)+8)+9$
-21656250	G	$(1*(-2-3/4)*5^6)*7*8*9$	-23453125	G	$(-1*(23-4)*5^6)*(7+8*9)$
-21823776	G	$(1*2*(3^4-5^6))*78*9$	-23500000	G	$(-1*2*3^4*5^6)*(7*8-9)$
-21841951	G	$-1+2*(-34-5)*(6^7+89)$	-23507073	P	$((1*23)^4+5)*-(6+78)-9$
-21897219	G	$-1-2+(3^4-4)^5*(6-7+89)$	-23618955	G	$-1-2-3*(-4+5^6)*7*8*9$

-23624928	G	$((1*2*3^4-4*5^6)*7+8)^9$	-25166311	P	$-1+2*(3*(-4^4-(-5-6)-78)-9)$
-23625072	P	$-((1*2*3^4*4*5^6)*7+8)^9$	-25166347	G	$-1-2*3*((4^4(5+6)+78)+9)$
-23779792	G	$-1-(2^4-3+4)*(5-(6-7^8))+9$	-25166401	G	$-1-2*3*((4^4(5+6)+7)+89)$
-23786484	G	$1-23^4*(-5-6+7+89)$	-25167071	G	$-1+2*(-3*4^4(5+6)-7*89)$
-23791806	G	$(1*2*3^4-5/6^7-7)*(8+9)$	-25167229	G	$-1+2*(-3*4^4(5+6)-78*9)$
-23794588	G	$-1-(23+4+5*6^7*(8+9))$	-25192062	P	$(1*2*(3^4-5*(-6^7+8)))^9$
-23794597	G	$-1-(2+3+4+5*6^7*(8+9))$	-25192854	G	$(1*2*(3^4-5*6^7-8))^9$
-23794642	G	$1-2-3^4-5*6^7*(8+9)$	-25192926	P	$(-1*2*(-3^4-(5*6^7+8)))^9$
-23794689	G	$-1-2^4(3+4)-5*6^7*(8+9)$	-25194057	G	$-1+2*(3-45/6^7-7+89)$
-23794767	G	$-1-2+(3^4-5/-6^7-7)*(-8-9)$	-25194591	G	$-1-23^4-(5+6^7)*89$
-23797314	G	$(-1*2*3^4-5/6^7-7)*(8+9)$	-25195554	G	$(-1*2*(3^4+(5*6^7-8)))^9$
-23887810	G	$-1+(2-(3+4+5)^6+7)*8-9$	-25195626	G	$(-1*2*(3^4+5*6^7)+8)^9$
-23887903	P	$-((-1*2-(3+4+5)^6+7)*8+9)$	-25195765	G	$-1+2*(3-45*(6^7+8+9))$
-23888451	P	$-1-2+((3^4)^5+6)*(-7+89)$	-25196418	G	$(-1*2*(3^4+5*(6^7+8)))^9$
-24117257	G	$-1*23^4^4(5+6+7-8)-9$	-25202250	G	$(1-23+4)^5*(6^7+89)$
-24261123	G	$-1-2+(3+4+5)^6*(7/8-9)$	-25256376	P	$((-1*2*(-3^4-4-5))^6*7+8)^9$
-24338029	G	$((-1+(2*3)^4)^5-6^7)*89$	-25256520	P	$((-1*2*(-3^4-4-5))^6*7+8)^9$
-24344248	G	$(1+23)^4*-56-7^8+9$	-25380867	G	$-1-2+(3^4-4)^5*(6-(-7-89))$
-24351040	G	$-1-(23^4+56)*(78+9)$	-25380986	P	$-1-2+((3^4)^5*6+7)*(-8+9)$
-24355128	G	$-1*(2-3+4+5)^6*(6^7+8)^9$	-25390643	G	$-1-(2+3)^4(4+5)^6*(6+7)-(8+9)$
-24374991	G	$(-1*(2+3)^4*5^6)*78+9$	-25593749	G	$(-1*23^4*5^6)*7-8+9$
-24375000	G	$(-1*2*3^4*5^6)*7(8+9)$	-25593767	G	$(-1*23^4*5^6)*7-8-9$
-24375009	G	$(-1-23+4)/(5^4-6/78)-9$	-25593822	G	$(-1*23^4*5^6)*7-8*9$
-24528432	P	$(-1*2*(3^4-5^6))^789$	-25593839	G	$(-1*23^4/5^6)*7-8-9$
-24634909	G	$-1+23^4-(5+6^7)*89$	-25753676	G	$-1+23*(4*(5-6^7)+8-9)$
-24654673	G	$-1-2*(3-4+5^6)*789$	-25862580	G	$1*23*(4-(5^6-7)*8)^9$
-24665475	G	$-1-2+(3^4)^5-6^7*89$	-25885764	G	$1*23*(4-(5^6+7)*8)^9$
-24687500	G	$(1*(-2-3)^4*5^6)*(7+8*9)$	-26014793	G	$-1-(2*3)^4*5^6-7^8+9$
-24784068	G	$(-1*2*(3^4+5^6))^789$	-26200145	G	$-1+2^4(3+4*5)-6*(7^8-9)$
-24842214	G	$1*(2*3^4*5-6^7)*89$	-26250000	G	$(1*(2/-3+4)^5*6)^7(8*9)$
-24892232	G	$((-1-2)*3^4-(5-6^7))^*-89$	-26353353	G	$-1+2*(3+(4^4-5+6)^7/8+9)$
-24900776	G	$(-1*2*(-3^4+5)-6^7)*89$	-26433712	G	$(-1*(-23+4)^5*(5^6-7))^89$
-24907825	G	$-1+(2*3)^4*5-6^7*89$	-26437500	G	$(-1*(2+3+4)^5*6)^7(8*9)$
-24914380	G	$(-1+2)^3-3^4+5-6^7*89$	-26518127	G	$-1-23/((4-5+6)/(7^8+9))$
-24914511	P	$(-1*23*(4+5))-6^7*89$	-26666269	G	$(-1*2-3^4(4+5)-6^7)*89$
-24914671	G	$-1+2*3^4+(-5-6^7)*89$	-26690158	G	$-1-2*3^4(4+5)^6*78-9$
-24914777	G	$-1-(23+4-(-5-6^7)*89)$	-26736331	P	$(-1-(-2-3)^4(5+6))-7^8-9$
-24914830	P	$(-1+2)^3-(3^4-(-5-6^7)*89)$	-26874027	G	$-1-2-3*4*(5+6^7*8+9)$
-24914842	G	$-1-23^4-(5+6^7)*89$	-26874447	P	$-1-2-3*4*(-(-5-6^7)*8+9)$
-24914878	G	$-1*2*(3+4)+(-5-6^7)*89$	-26882401	G	$-1-2*(3+4)^5*(6^7+89)$
-24918333	P	$(-1+23)-(45+6^7)*89$	-26987904	P	$(-1*2*3*4*(-5^6+7))^8*9$
-24919647	G	$-1-2+(3^4*5-6^7)*89$	-26996976	G	$(1*2*3*(-4^5+6^7))^8*9$
-24919822	G	$(1-2*3+4+5-6^7)*89$	-26998992	G	$(1*2*(3^4*5^6+7))^8*9$
-24920785	G	$-1-(2*3)^4*5-6^7*89$	-26999496	G	$(-1*2*3^4*5^6+7)^8*9$
-24926322	G	$-1-2-(3^4+5+6^7)*89$	-27000504	G	$(1*2*3^4*5^6+7)^8*9$
-24927832	P	$(-1*2*(-3^4+5)+6^7)*89$	-27001008	G	$(-1*2*(3^4*5^6+7))^8*9$
-24977705	G	$-1+23-(4+5)^6*(7*8-9)$	-27003024	P	$(1*2*3*(-4^5+6^7))^8*9$
-24977751	G	$-1-23-(4+5)^6*(7*8-9)$	-27012096	G	$(1*2*3^4*5^6+7)^8*9$
-24977871	G	$-1-2-(3+(4+5)^6)*(7*8-9)$	-27103137	P	$-1-2-3*(-(4+5)^6+7)*(-8+9)$
-24986394	P	$(-1*2*3^4*5+6^7)*89$	-27343623	G	$1+(-2-3*4)^5(5^6-(-6+7+8)-9)$
-25131960	G	$((1*2*(3^4-4-5))^6*7+8)^9$	-27343875	G	$1-(2+3*4)^5(5^6-(-6+7+8)+9)$
-25132104	G	$((1*2*(3^4-4-5))^6*7-8)^9$	-27363747	G	$-1-2+(3/-4-5)^6*7*(8+9)$
-25148555	P	$(-1-23)^4+5-6^7*89$	-27421875	G	$(1*(23+4)^5*6)^7(8*9)$
-25148565	P	$((-1-23)^4+5)-6^7*89$	-27424417	P	$1+23^4*5-(5+6+7+8+9)$
-25163139	G	$-1-2-(3^4)^5-6^7*89$	-27671066	P	$-1+23-4/5*(6*(-7^8-9))$
-25164421	G	$-1+2*(-3^4+5(5+6)+78*9)$	-27671082	G	$1+2+3-4/5*(6*(7^8+9))$
-25164579	G	$-1+2*(-3^4+5(5+6)+7*89)$	-27671086	G	$1-2+3-4/5*(6*(7^8+9))$
-25165332	G	$(-1-2-3)^4(5+6)+7-89$	-27671094	G	$-1-(2+3)-4/5*(6*(7^8+9))$
-25165375	G	$-1-2*(3^4(5+6)-78)+9$	-27671097	P	$-1-2^3-4/5*(6*(-7^8-9))$
-25165471	P	$-1+2*(3^4(-4^4-(-5-6)+7*8)+9)$	-27671112	P	$-1-23-4/5*(6*(-7^8-9))$
-25165774	P	$1-2*(3^4(-4^4-(-5-6)+7)-8)-9$	-27800040	P	$(1*(-2-3)^4*(-5^6+7))^8*9$
-25165884	G	$(1*2*3^4*(-4^4(5+6)+7-(8+9)))$	-27807743	G	$1-2^4(3+4+5)^6*789$
-25165914	G	$-1*2/3*(4^4(5+6)+7+8)^9$	-27809385	G	$(-1*(2+3)^4*(4*5^6-7))^8*9$
-25165956	G	$(1-23-4^4(5+6))^7(8-9)$	-27815615	P	$(-1*(-2-3)^4*(4*5^6+7))^8*9$
-25165968	P	$(1+23+4^4(5+6))^7(8-9)$	-27824960	G	$(1*(-2-3)^4*(5^6+7))^8*9$
-25165999	P	$-1+2*(-(3^4+5-(-5-6)+78)-9)$	-27984099	P	$1+23^4*5-(-5-(-6-7)*8-9)$
-25166017	P	$-1+2*(-(3^4+5-(-5-6)+7)-89)$	-27999991	G	$(1*2^3*4^5*5^6)*7*8+9$
-25166045	P	$-1+2*(3^4(-4^4-(-5-6)+7)-89)$	-28000009	G	$(1*2^3*4^5*5^6)*7*8-9$
-25166143	P	$-1+2*(3^4(-4^4-(-5-6)-7*8)+9)$	-28031149	G	$(1*2^3)^4(4-5^6*78)+9$
-25166238	G	$(-1*2*3^4)^4(5+6)+78-9$	-28031167	G	$(1*2^3)^4(4-5^6*78)-9$

-28031333	G	$(-1*23)*(4+5^6*78)+9$	-31499640	G	$(1*2+3-4*5^6*7)*8*9$
-28031351	G	$(-1*23)*(4+5^6*78)-9$	-31499663	G	$1+(2/3-4*5^6)*(7*8*9)$
-28336230	P	$(1*2*3^4)*5^*- (6^7/8-9)$	-31499856	G	$(1-2+3-4*5^6*7)*8*9$
-28342062	G	$(1*2*3^4)*(-5*6^7/8+9)$	-31500009	G	$(1*(-2-34)*5^6)*7*8-9$
-28343511	G	$(-1*2*3^4)*5*6^7/8+9$	-31500144	G	$(1-2+3-4*-5^6*7)*-8*9$
-28343529	G	$(-1*2*3^4)*5*6^7/8-9$	-31500360	G	$(1*2+3-4*-5^6*7)*-8*9$
-28344978	G	$(-1*2*3^4)*(5*6^7/8+9)$	-31501515	G	$-1-2+(-3-4/5^6)*7*8*9$
-28350810	G	$(-1*2*3^4)*5*(6^7/8+9)$	-31640637	G	$-1-(2+3^4*(5*(6-7))^8)-9$
-28398242	G	$-1-(2*34+5)^{-6-7+8+9}$	-31641357	G	$-1-(2+3^4*((5*(6-7))^8+9))$
-28500000	G	$(-1*(23-4)*5^6)*(7+89)$	-31888098	G	$(1-23+4)/(5+6)^{-7-(8-9)}$
-28543781	G	$1-23^4/5*(6-7*8*-9)$	-32190502	G	$-1+23*(4-5/6^7+89)$
-28544180	G	$-1+23^4+5*(6-7^8-9)$	-32192434	G	$-1+23*(4-5*(6^7+8-9))$
-28697650	G	$-1*2*(3^4(4+(5+6))+7-89)$	-32192526	G	$-1+23*(4-5/6^7-8+9)$
-28697651	G	$-1-2*(3^4(4+(5+6))+7-89)$	-32193260	P	$1-23^*- (4-(-5*(-6^7-8)-9))$
-28697846	P	$-(1+2*(3^4(4+5+6)+7))-8-9$	-32194504	G	$-1+23*(4-5*(6^7+8+9))$
-28697936	P	$-(1+2*(3^4(4+5+6)+7*8))-9$	-32484375	G	$(1*(2^2-3+4)*5^6)*7*-8*9$
-28697953	G	$-1-2*(3^4(4+(5+6))+78-9)$	-32596995	P	$-1-2+(3*4)^5*(6^7+89)$
-28819871	P	$-1+2^2(3^4)-5*(6-7^8)+9$	-32721670	G	$1-(2+(3*4)^5)/(6/789)$
-28819931	G	$-1+2^2(3^4)-5*(6+7^8)+9$	-32914677	G	$-1-(2+3*(4+5^6)*78*9)$
-28823653	G	$(-1+2*(3+4)^{-5-6})*7^8+9$	-33168941	G	$-1-(2/-34)^{-5-6*7^8+9}$
-28823769	G	$1-(2-3-4)*(56-(7^8+9))$	-33189547	P	$(1*23)^4*5-6*(-7^8+9)$
-28823923	G	$-1+2*34-5*(6+7^8-9)$	-33189587	G	$(1+23^4)*5-6/7^8-8+9$
-28824171	G	$1+23^*-4-5*(6+7^8+9)$	-33203128	G	$-1-2+(3-4*5)*(6+7-8)^9$
-28824279	G	$-1-234-5*(6+7^8)-9$	-33203347	G	$-1-((2+3)^4(4+5)+6+7)*(8+9)$
-28825171	G	$-1-(-2-3)*(-4*56-7^8-9)$	-33312352	G	$-1-(2-(3+4)*(5-6^7*(8+9)))$
-28825227	G	$-1-((2*3)^4-5*(6-7^8+9))$	-33312982	G	$-1-(2+(3+4)*(5+6^7)*(8+9))$
-28825317	G	$-1-((2*3)^4-5*(6-(7^8+9)))$	-33328125	G	$(-1*(23+4)*5^6)*(7+8*9)$
-28825401	G	$-1-(-2-3)*(-45*6-7^8-9)$	-33360048	G	$(1*2*3*-4*(5^6-7))^89$
-28828063	P	$-1-2^2(3^4)-5*(6-7^8)+9$	-33371262	G	$(1*2*3*(-4/5^6-6+7))^89$
-28828080	P	$-((1*2^3)^4-5*(6-7^8))-9$	-33373754	P	$(-1*2*- (3^4/-5^6-6+7))^89$
-28828123	G	$-1-2^2(3^4)-5*(6+7^8)+9$	-33374377	P	$-(-1*2*3^4*-5^6-7)*89$
-28926721	P	$-1+(-2+3)^4+5*6^7(7+8-9)$	-33375623	P	$-(-1*2*3^4/-5^6-6+7)*89$
-29103772	G	$-1-(23^4-5*(6-7^8+9))$	-33376246	G	$(-1*2*(3^4/5^6-6+7))^89$
-29103862	G	$-1-23^4+5*(6-7^8-9)$	-33378738	P	$(1*2*3*- (4/5^6-6+7))^89$
-29109375	G	$(-1*(23+4)*5^6)*(78-9)$	-33389952	P	$(-1*2*3^4*- (5^6-6-7))^89$
-29163520	P	$-(-1*(-2-3)/4^5(56/-7))^89$	-33480681	G	$1+2+(3-(4+5)^6*7+8)*9$
-29210604	G	$-1-(2+3*(4+5^6)*7*89)$	-33480687	P	$-(-1-23)+((4+5)^6*7-8)*-9$
-29249946	G	$(-1*2*3)*(4/(5^6-6/78)-9)$	-33480695	G	$1-2-3^4(4*5-6)*7+89$
-29250001	G	$-1-2/3^4*5^6*78*9$	-33480751	G	$1+(2-3^4(4*5-6))^7+(8+9)$
-29250009	G	$(-1*2*3^4/5^6-6)*78-9$	-33480767	G	$1-2-3^4(4*5-6)*7+8+9$
-29250054	G	$(-1*2*3)*(4/(5^6-6/78)+9)$	-33480769	G	$1+(2-3^4(4*5-6))^7+(8-9)$
-29359973	G	$(-1+23-4^5(5+6))^7-8-9$	-33480785	G	$1+(2-3^4(4*5-6))^7-8-9$
-29359991	P	$-(1-23+4^5(5+6))^7-8-9$	-33480803	G	$(1+2+3^4(4*5-6))^*-7-8+9$
-29360159	P	$-1-(2*3-4^5(-5-6))^7+8*-9$	-33480821	G	$(1+2+3^4(4*5-6))^*-7-8-9$
-29360203	G	$(1-2+3-4^5(5+6))^7-8-9$	-33480842	G	$-1+((-2+3^4(4*5-6))^*-7-8*9)$
-29486595	G	$-1-2-(3+4+5)^6*(7/8+9)$	-33554308	P	$-1-(2^3*4)^5+6-7*(8+9)$
-29531250	G	$(-1*2*(3+4)*5^6)*(7+8)*9$	-33591507	G	$1+2-((3*-4)^5+6)*(7-8)*9$
-29625000	G	$(-1*2*3^4*5^6)*(7+8*9)$	-33592236	P	$1-2-3*- (4-5*6^7)*8-9$
-29750008	G	$-1-(2+34*5^6*7)*8+9$	-33592353	P	$1-2*- (3*4*-5*6^7-(8+9))$
-29750010	G	$1-2-34*5^6*7*8-9$	-33592362	G	$-1-2-3*(4+5/6^7-7*8+9)$
-29760540	G	$-1-2-((3-(4+5)^6)*-7*8+9)$	-33593055	G	$(1+2+3^4)*-((-5-6^7)*8+9)$
-29760876	G	$-1-2+(3+(4+5)^6)*7*-8-9$	-33775386	P	$(1-2+3^4(4+5+6))^7-8^9$
-29877290	G	$-1*2-3*(4^5(5+6)+7^8-9)$	-33802273	G	$-1-(2^2-3+4^5)*6^7(7-(8-9))$
-29877291	G	$-1-2-3*(4^5(5+6)+7^8-9)$	-33984768	P	$(-1*2^2(3+4)*(-5^6+7))^*(8+9)$
-29877309	G	$-1-2-3*(4^5(5+6)+7^8)+9$	-33999881	G	$(-1*2^2(3+4)*5^6+7)*(8+9)$
-29877343	G	$1-2-3*(4^5(5+6)+7^8+9)$	-34000119	P	$(1*2^2(3+4)*5^6+7)*-(8+9)$
-29977021	G	$-1-(2^3-4/5^6)*(7^8+9))$	-34012159	P	$-1*(2^3*(4+5)^6-7)*8+9$
-30222827	P	$1-23^4*- (5+6-7*(8+9))$	-34012160	P	$-(1+(2^3*(4+5)^6-7)*8)+9$
-30232227	G	$-1-2-(3+(4+5))*(6^7-8)*9$	-34012177	P	$-(1*(2^3*(4+5)^6-7)*8)-9$
-30232956	G	$-1-(2-3*(45+(6/(7-8))^9))$	-34012271	P	$-1*(2^3*(4+5)^6+7)*8+9$
-30233955	G	$-1-2-(3+(4+5))*(6^7+8)*9$	-34012289	P	$-(1*2^3*(4+5)^6+7)*8-9$
-30361392	G	$(1*(-23-4)*(-5^6+7))^*-8*9$	-34015232	G	$(-1*2^2(3+4)*(5^6+7))^*(8+9)$
-30371331	G	$-1-2-(34+5)^6/78^9-9$	-34078698	P	$-1+23-4^5(-5-6)*-(7/8-9)$
-30374496	P	$(-1*(-23-4)*5^6+7)*8*9$	-34078744	P	$1-23-4^5(-5-6)*-(7/8-9)$
-30375504	P	$(-1*(23+4)*5^6-7)*8*9$	-34339923	G	$-1-2+(3*4)^5-6*(7^8-9)$
-30388608	G	$(1*(-23-4)*5^6+7))^8*9$	-34339968	G	$-1-2+(3*4)^5-6*7^8+9$
-30515625	G	$(-1*(-2^2-3+4)*5^6)*7*8*9$	-34339986	G	$-1-2+(3*4)^5-6*7^8-9$
-30750000	G	$(1*2*3^4/5^6-6)*(7-89)$	-34340031	G	$-1-2+(3*4)^5-6*(7^8+9)$
-31125000	P	$(-1*(-2-3^4)*5^6)*-(7+8+9)$	-34443076	G	$-1-(2^2(3+4)-5)*(6^7+89)$
-31400143	G	$-1+2*(3*((4+5)^6-7^8)+9)$	-34457681	G	$-1+2^2(3^4+5)-6*(7^8-9)$

-34531249	G	$-1+2-34^5 \cdot 6^*(7^8+9)$	-34628181	G	$-1^2 \cdot 3^{\wedge}(4+5)-6^*7^{\wedge}8-9$
-34531251	G	$1-2+34^5 \cdot 6^*(7-8^9)$	-34719825	G	$-1-2^{\wedge}(3^4+5)-6^*(7^{\wedge}8-9)$
-34549495	G	$-1+2/3^{\wedge}(-4-5)-6^*(7^{\wedge}8+9)$	-34823066	P	$-(1-23)^{\wedge}4+5-6/7^{\wedge}-8-9$
-34555202	G	$-1+2^*(3+4)^{\wedge}5-6/7^{\wedge}-8-9$	-34823076	P	$-((1-23)^{\wedge}4+5-6/-7^{\wedge}-8)-9$
-34555247	P	$-1+2^*-(-3-4)^{\wedge}5-6^*(7^{\wedge}8+9)$	-34837632	G	$-1-2-(3^4)^{\wedge}5-6^*7^{\wedge}8+9$
-34582336	G	$-1+(2^*3)^{\wedge}4 \cdot 5-6^*7^{\wedge}8-9$	-34837650	G	$-1-2-(3^4)^{\wedge}5-6^*7^{\wedge}8-9$
-34584765	G	$-1+(2^{\wedge}(3+4+5))-6^*(7^{\wedge}8+9))$	-34920568	P	$-(1+23)^{\wedge}4+5-6^*7^{\wedge}8+9$
-34585683	G	$-1-2+3^4 \cdot 5-6^*(7^{\wedge}8-9)$	-34963806	G	$(-1^2/-3^*(-4^5 \cdot 6-7^{\wedge}8))^*9$
-34586408	G	$-1+2345-6^*(7^{\wedge}8-9)$	-35155638	G	$(1^2)^*(34-5^{\wedge}(-6+7+8))^*9$
-34586774	G	$-1-2^*(3-4^5)-6^*7^{\wedge}8-9$	-35156088	P	$(1+-23+4)^*(5^{\wedge}(-6-7)+8)-9)$
-34587583	P	$-1+234^5-6^*(-7^{\wedge}8+9)$	-35156181	G	$1+2^*(34-5^{\wedge}(-6+7+8))^*9$
-34587628	G	$-1+234^5-6^*7^{\wedge}8+9$	-35156235	G	$1+2^*(3+4-5^{\wedge}(-6+7+8))^*9$
-34587691	G	$-1+234^5-6^*(7^{\wedge}8+9)$	-35156263	G	$1-2^*(3+4+5^{\wedge}(-6+7+8))^*9$
-34587705	G	$1^{\wedge}23+4^5-6^*(7^{\wedge}8-9)$	-35156317	G	$1-2^*(34+5^{\wedge}(-6+7+8))^*9$
-34587718	P	$-1+23^4 \cdot 5-6^*(-7^{\wedge}8+9)$	-35156412	P	$(1+-23+4)^*(5^{\wedge}(-6-7)+8)+9)$
-34587751	P	$-1-2^*(3-4^5)-6^*(7^{\wedge}8-9)$	-35156862	G	$(-1^2)^*(34+5^{\wedge}(-6+7+8))^*9$
-34587763	G	$-1+23^4 \cdot 5-6^*7^{\wedge}8+9$	-35328125	G	$(1^*(-23+4)^*5^{\wedge}6)^*7^*(8+9)$
-34587815	G	$-1-23+4^5-6^*7^{\wedge}8-9$	-35437428	G	$((1^*(-2-34)^*5^{\wedge}6)^*7+8)^*9$
-34587825	G	$1^*23^4 \cdot 5-6^*(7^{\wedge}8+9)$	-35437572	G	$((-1^*(2+34)^*5^{\wedge}6)^*7-8)^*9$
-34587826	G	$-1+234^5-6^*(7^{\wedge}8+9)$	-35726842	G	$1-2+((3-4^5)^*6^{\wedge}7/8-9)$
-34587860	G	$-1-23+4^5-6^*(7^{\wedge}8+9)$	-35736022	G	$1-2+(3-4^5)^*(6^{\wedge}7/8+9)$
-34587942	G	$(1^*2^*3^4)^*5-6^*(7^{\wedge}8-9)$	-35736024	G	$-1-(2-(3-4^5)^*(6^{\wedge}7/8+9))$
-34588050	P	$(1^*2^*3^4)^*5-6^*(-7^{\wedge}8-9)$	-35822598	G	$(-1^2)^*3-4^5^*(6^{\wedge}7/8-9)$
-34588063	P	$-1+2^*345-6^*(-7^{\wedge}8+9)$	-35927542	G	$1-2-(3+4^5)^*(6^{\wedge}7/8-9)$
-34588108	G	$-1+2^*345-6^*7^{\wedge}8+9$	-35927544	G	$-1-(2+(3+4^5)^*(6^{\wedge}7/8-9))$
-34588171	G	$-1+2^*345-6^*(7^{\wedge}8+9)$	-35983872	G	$(1^*2^*3^4)^*(-5^{\wedge}6+7))^*8^*9$
-34588338	P	$-1-(-2-3^4)^*5-6^*(-7^{\wedge}8+9)$	-35995968	G	$(1^*2^*3^*(-4^5 \cdot 6+7))^*8^*9$
-34588411	G	$1-2^*-34^5-6^*(7^{\wedge}8-9)$	-36004032	G	$(-1^*2^*3^4(4^5 \cdot 6+7))^*8^*9$
-34588528	G	$-1+2^*3^4 \cdot 5-6^*7^{\wedge}8+9$	-36016128	P	$(1^*2^*3^4)^*(-5^{\wedge}6+7))^*8^*9$
-34588972	G	$-1^*2^*3^4+5-6^*7^{\wedge}8-9$	-36669453	G	$-1-(23+(4+5)^{\wedge}6^*(78-9))$
-34589013	G	$(1-23)^*(4+5)-6/7^{\wedge}-8-9$	-36669639	G	$-1-(2+(3+(4+5)^{\wedge}6)^*(78-9))$
-34589076	G	$1^*2^*3^*((-4-5)^*6-7^{\wedge}8+9)$	-36750000	G	$(-1^*(2/3+4)^*5^{\wedge}6)^*7^*8^*9$
-34589109	P	$-1^*2^*3^*(-4-(56+7^{\wedge}8))+9$	-36756908	G	$1+(2-3-4^5)^{\wedge}(6+7-8)^*9$
-34589204	G	$-1+(2-345)+6^*(-7^{\wedge}8-9)$	-36781854	P	$-(1-(2+3)^*(4+(5+6)^{\wedge}7))-8^{\wedge}9$
-34589205	P	$-(-1-2+3^4)^*5-6^*7^{\wedge}8-9$	-36783790	G	$-1-((2+(3+4)^{\wedge}5)-6)^*7^*8^*9$
-34589213	P	$-1-(-2-3^4)^*5-6^*(7^{\wedge}8)+9$	-36993846	G	$-1-(2+3^*(4+5^{\wedge}6)^*789)$
-34589219	G	$1+-2^*3^4 \cdot 5-6^*(7^{\wedge}8+9)$	-37187500	G	$(1^*(-2-3)^*4^5 \cdot 6)^*7^*(8+9)$
-34589232	P	$(-1-23)^*4^5-6^*(-7^{\wedge}8+9)$	-37233750	G	$-1-(2^{\wedge}(3+4)+5)^*(6^{\wedge}7+8+9)$
-34589295	G	$(-1-23)^*4^5-6/7^{\wedge}-8-9$	-37471151	G	$-1-2+(-34-5)/6^*(7^{\wedge}8-9)$
-34589383	G	$-1-((2+3)^{\wedge}4+5+6^*(7^{\wedge}8-9))$	-37530054	G	$(-1^*(23+4)^*(5^{\wedge}6-7))^*8^*9$
-34589488	G	$-1-2^*345-6^*7^{\wedge}8+9$	-37534305	G	$-1-2+(3^*(4+5)^{\wedge}6-7^{\wedge}8)^*9$
-34589526	G	$1^2/3^*(4^5 \cdot 6-7^{\wedge}8)^*9$	-37563696	G	$(-1^*(-23-4)^*(-5^{\wedge}6-7))^*8^*9$
-34589544	P	$-1^*2^*-(-3^*(4^5 \cdot 6+7^{\wedge}8))-9$	-37647681	G	$-1-(2+3)^*(4^5-6)^{\wedge}(7+8-9)$
-34589562	G	$(-1^*2^*3^4)^*5-6^*(7^{\wedge}8-9)$	-37749078	G	$(-1^*23-(-4^5(5+6)+7)-8)^*9$
-34589602	G	$(1-2^*3^4)^*5-6^*7^{\wedge}8+9$	-37749420	G	$(1-2+3-4^{\wedge}(5+6)-78)^*9$
-34589607	G	$(-1^*2/3^{\wedge}-4)^*5-6^*7^{\wedge}8+9$	-37749483	G	$-1^*(2+3+4^{\wedge}(5+6)+78)^*9$
-34589625	G	$(-1^*2^*3^4)^*5-6^*7^{\wedge}8-9$	-37777452	G	$-1^*2/3^*((4+5)^{\wedge}6+7^{\wedge}8)^*9$
-34589670	P	$(-1^*2^*3^4)^*5-6^*(-7^{\wedge}8-9)$	-37777462	G	$1+-2^*3^*((4+5)^{\wedge}6+7^{\wedge}8)-9$
-34589769	P	$1+2^*3-4^5-6^*(-7^{\wedge}8+9)$	-37779348	G	$-1-2-3^*45^*(6^{\wedge}7-89)$
-34589799	P	$-(1^*23+4^5)-6^*(7^{\wedge}8-9)$	-37781643	G	$-1-2-3^*45^*(6^{\wedge}7-8^*9)$
-34589863	G	$-1-23-4^5-6^*7^{\wedge}8-9$	-37791096	G	$-1-2-3^*(45^*6^{\wedge}7-89)$
-34589908	G	$-1-23-4^5-6^*(7^{\wedge}8+9)$	-37791630	G	$-1-(2+3^*(45^*6^{\wedge}7+89))$
-34589968	G	$-1-234^5-6^*7^{\wedge}8+9$	-37792468	G	$1-2-3^*(45^*(6^{\wedge}7+8)+9)$
-34590107	G	$-1-(2^*3)^{\wedge}4+5-6^*7^{\wedge}8-9$	-37801083	G	$-1-2-3^*45^*(6^{\wedge}7+8^*9)$
-34590133	G	$-1+2^*(-3^*(4^5 \cdot 6+7^{\wedge}8))+9$	-37803378	G	$-1-2-3^*-45^*(-6^{\wedge}7-89)$
-34590373	G	$-1+2^*3^*(-45^*6-7^{\wedge}8+9)$	-37968760	G	$-1+2/3^{\wedge}-4^5-5^{\wedge}6^*(7+8)-9$
-34590409	G	$-1+2^*(-3^*(45^*6+7^{\wedge}8))+9$	-37968769	P	$-1-2^*(3^4 \cdot 5^{\wedge}6^*(-7-8)+9)$
-34591098	G	$-1-2345-6^*(7^{\wedge}8-9)$	-38263736	G	$1^*(2-3^{\wedge}(4^5-6))^*(7-(8-9))$
-34591561	G	$-1+2^*(-3^*(456+7^{\wedge}8))-9$	-38263768	G	$1^*(-2-3^{\wedge}(4^5-6))^*(7-(8-9))$
-34591827	G	$-1-(2+3^4 \cdot 5+6^*(7^{\wedge}8-9))$	-38263783	G	$1^*(2-3^{\wedge}(4^5-6)-7)^*8+9$
-34595296	G	$-1-(2^*3)^{\wedge}4 \cdot 5-6^*7^{\wedge}8-9$	-38263797	G	$1^*2-(3^{\wedge}(4^5-6)+7)^*8+9$
-34599772	G	$1-((2/(3+4))^{\wedge}5+6)/7^{\wedge}-8+9$	-38263799	G	$1-(2+3/(4+5)^{\wedge}-6)^*(7+8+9)$
-34600757	P	$-(1-2^3)^{\wedge}4 \cdot 5-6^*(7^{\wedge}8-9)$	-38264475	G	$-1-2-(3+(4+5)^{\wedge}6+7)^*8^*9$
-34600802	P	$-(1-2^3)^{\wedge}4 \cdot 5-6/7^{\wedge}-8+9$	-38363426	G	$-1-(-2-3^*45)^*(-6^{\wedge}7-89)$
-34605562	P	$-1-2+(-3-4)^{\wedge}5-6^*(-7^{\wedge}8+9)$	-38607617	G	$-1+23^*(4^5-6^{\wedge}(7-(8-9)))$
-34605670	G	$-1-2-(3+4)^{\wedge}5-6^*(7^{\wedge}8+9)$	-38631629	G	$-1+23^*(-4^5-6^{\wedge}(7-(8-9)))$
-34609340	P	$-(1^*2^3)^{\wedge}4 \cdot 5-6^*(7^{\wedge}8+9)$	-38816875	G	$-1+2^*((3^*-4)^{\wedge}5+6)^*78-9)$
-34621557	P	$-(1+2^3)^{\wedge}4 \cdot 5-6^*(7^{\wedge}8-9)$	-38935634	G	$-1-2+(3-4^5 \cdot 6)^*7^*8^*9$
-34621602	P	$-(1+2^3)^{\wedge}4 \cdot 5-6/7^{\wedge}-8+9$	-38937055	G	$(1^*2+3-4^5 \cdot 6^*7)^*8^*9$
-34622430	G	$-1-2^*(3+4)^{\wedge}5-6/7^{\wedge}-8-9$	-38937322	G	$(1-2+3-4^5 \cdot 6^*7)^*8^*9$

-38937678	P	$-(-1-2+3-4^*-5^6*7)*89$	-42550344	G	$(-1*2*(-3^4+5))/-6^-7-8*9$
-38937945	P	$-(1*2+3-4^*-5^6*7)*89$	-42550359	P	$-(1+(23-4)*(5+6^7*8))+9$
-38950063	G	$1-(2-3^4)^{(5+6-7)+8+9}$	-42550424	P	$(-1*2*(-3^4+5))*-(6^7-(8-9))$
-38950065	G	$-1-(2-3^4)^{(5+6-7)+8+9}$	-42551024	G	$-1-(-23+4)*(-5-6^7)*8+9$
-38950083	G	$-1-(2-3^4)^{(5+6-7)+8-9}$	-42551479	P	$(-1*2*(-3^4+5))*-(6^7+8)+9$
-38950097	G	$1-(2-3^4)^{(5+6-7)-8-9}$	-42551497	P	$(-1*2*(-3^4+5))*-(6^7+8)-9$
-38950099	G	$-1-(2-3^4)^{(5+6-7)-8-9}$	-42552856	P	$(-1*2*(-3^4+5))*6^7+8+9$
-38974456	G	$-1-2*(3^4-(-5-6)^7)-89$	-42561216	P	$(-1*2*(-3^4+5))*6^7+8*9$
-38999991	G	$(1*2^3*4^*-5^6)*78+9$	-42563800	G	$(-1*2*(-3^4+5))*(-6^7-89)$
-39000009	G	$(-1*2^3*4^*5^6)*78-9$	-42666683	P	$1+2*(-3/(4^5)^{-6+78})/9$
-39066624	G	$(-1*2^3*4^*5)/6^-7*8/9$	-42815672	P	$1-23^4*-((-5-(6+7))*8-9)$
-39200618	G	$-1-2-34/-5*(6-7^8)-9$	-42830211	G	$-1-2-(3/4-5)/(6*(7-8))^-9$
-39200717	P	$(-1-2)*3+(4/5+6)*-(7^8+9)$	-42830232	G	$-1-23-(4+5)*6^7*(8+9)$
-39530094	G	$-1-(2+3*((4^5-6)^7/8+9))$	-42831435	G	$-1-2-(3^4+5)*(6^7+8)*9$
-40078125	G	$(-1*(23-4)*5^6)*(7+8)*9$	-42968671	G	$(-1+23)*(4-5^-(6+7+8))-9$
-40104778	G	$-1-2*(3^4)^5-(6-7+8)^9$	-42977361	G	$-1-2^2(3+4)^5-6*(7^8-9)$
-40211334	G	$(-1*(-2-3^4)*5^6-7^8)*9$	-43046017	G	$1*2-(3^4(4^5-6)-78)*9$
-40227426	G	$-1-(2*(3^4(4+5+6)+7^8)+9)$	-43046020	G	$1-2-(3^4(4^5-6)-78)*9$
-40244172	G	$-1-2-(-3-4)*(5^6-7^8+9)$	-43046568	G	$1*(2-3^4(4^5-6)+(7+8))*9$
-40244226	P	$-1-2*(3-4)*-(5^6-7^8)+9$	-43577919	G	$-1-(2+(3-(4+5)^6)*7-89))$
-40244298	G	$-1-2-(-3-4)*(5^6-(7^8+9))$	-43655195	P	$1-23^4*-((-5-6)*(7+8)+9)$
-40297103	G	$1-23^4*(5+6+7+8*9)$	-43872897	G	$-1-2+(3-4^*5^6)*78*9$
-40298400	G	$(1*2*(3^4+5-6^7))*8*9$	-43874978	G	$-1+23-4/(5^6-6/78)*9$
-40299840	G	$(1*2*(3^4-(5+6^7)))*8*9$	-43874995	G	$1*2+3-4*5^6*78*9$
-40308606	G	$(1*2*(3^4+(5-6^7)*8))*9$	-43875009	G	$(-1*2-34)/(5^6-6/78)-9$
-40309416	G	$(1*2*(3^4-(5+6^7*8)))*9$	-43875023	G	$-1*23-4/(5^6-6/78)*9$
-40312152	G	$(-1*2*(3^4-(5-6^7*8)))*9$	-43875027	G	$(1-2)*(3+4/(5^6-6/78))*9$
-40312962	G	$(-1*2*(3^4+(-5-6^7)*-8))*9$	-43935979	G	$(-1*2*3^4+5)*(6^7-89)$
-40316545	G	$-1-2^2(3+4)*(5+6^7/8)*9$	-43938648	G	$(-1*2*3^4+5)*(6^7-8*9)$
-40321728	G	$(-1*2*(3^4-(5-6^7)))*8*9$	-43949863	G	$(-1*2*3^4+5)*6^7+89$
-40323168	G	$(1*2*(3^4+5+6^7))*8*9$	-43949935	G	$(-1*2*3^4-5)*-6^7+8+9$
-40330296	G	$(-1+2*(-3*45-6^7))*8*9$	-43949969	P	$(-(-1*2*3^4-5)*6^7+8)-9$
-40348488	P	$(-1-(2+3)/4^5)-(6-7+8)^9$	-43950024	G	$(-1*2/-3^4-4-5)*-6^7-8*9$
-40352312	G	$-1+(2*3)^4-(((5-6)^7+8)^9)$	-43950041	G	$(-1*2*3^4+5)*6^7-89$
-40352317	G	$-1+(2*3)^4-(5+(6-7+8)^9)$	-43951199	G	$(-1*(2*3^4-5))*(6^7+8)+9$
-40353155	G	$-1-(2-(3+4)*(56-7^8+9))$	-43951217	G	$(-1*(2*3^4-5))*(6^7+8)-9$
-40353205	P	$(-1-2-(3+4)*(56-7^8))+9$	-43952621	G	$(-1*2*3^4+5)*(6^7+8+9)$
-40354417	G	$(-1*2*3^4)^5-(6-7+8)^9$	-43961256	G	$(-1*2*3^4+5)*(6^7+8*9)$
-40354904	G	$-1-(2*3)^4-(((5-6)^7+8)^9)$	-44437500	G	$(-1*(2+34)*5^6)*(7+8*9)$
-40462976	G	$-1-2*(3+4)*(5^6+7^8)+9$	-44480064	G	$(1*(2-34)*5^6*7)*89$
-40463048	G	$-1-(2+(3+4)*(5^6+7^8+9))$	-44495016	G	$(-1*2^3*(4^5*6-7))*89$
-40481856	G	$(-1*(-2-34)*(-5^6+7))*8*9$	-44504984	G	$(-1*2^3*(4^5-6+7))*89$
-40499496	P	$(-(-1*(-2-34)*5^6+7))*8*9$	-44519936	P	$(1*2^3*4^*-5^6+7)*89$
-40500504	P	$(-1*(2+34)*5^6-7)*8*9$	-44789558	G	$-1+23-4*5*(6^7*8-9)$
-40518144	G	$(1*(-2-34)*(5^6+7))*8*9$	-44789587	G	$1-2^3-4*5*(6^7*8-9)$
-40602442	G	$-1-2-(3^4)^5-(6-7+8)^9$	-44789604	G	$-1-23-4*5*(6^7*8-9)$
-40773834	P	$(-1*((-2+3^4)*5^6-7^8))*9$	-44789820	G	$-1-(23+4*(5/6^-7+8+9))$
-41000000	G	$(1*2^3*4^*5^6)*(7-89)$	-44921575	G	$1+23*(4-5^-(6+7+8)+9)$
-41093750	G	$(1*(2/3-4)/5^6-6)*789$	-44921576	G	$1*23*(4-5^-(6+7+8)+9)$
-41418730	G	$-1+23-4^5(5+6)*(7/8+9)$	-44922911	P	$-1-23*(45-(-(6+7)+8)^9)$
-41418776	G	$-1-23-4^5(5+6)*(7/8+9)$	-45281251	G	$-1-23/4*5^6*7*8*9$
-41437510	G	$1-2-34*5^6*78-9$	-45334241	P	$1-23^4/5^6*(6^*-(-7-8)*9)$
-41452176	G	$-1-2+(3-(4+5)^6)*78-9$	-45336024	G	$(-1*2*3^4)*(5+(6^7-89))$
-41452644	G	$-1-2-(3+(4+5)^6)*78-9$	-45346068	G	$(1*2/3^4-4)*(5-6^7+8+9)$
-41506502	G	$-1+23-4/5*(-6+7^8)*9$	-45347517	G	$(1*2*3^4)*(5-6^7+8)+9$
-41942886	G	$(-1+23)*(4^5(5+6)+7)-8*9$	-45347535	G	$(1*2*3^4)*(5-6^7+8)-9$
-41943011	G	$1-2-(3-4^5(5+6))*(7-(8+9))$	-45347688	G	$(1*2*3^4)*(-5-6^7+8+9)$
-41943018	G	$-1+23+4^5(5+6)*(7-(8+9))$	-45348660	G	$(1*2/3^4-4)*(5-6^7-(8-9))$
-41943064	G	$-1-23+4^5(5+6)*(7-(8+9))$	-45348733	P	$(-1*2*3^4)*-(5-6^7)+89$
-41943073	G	$-1-2+(3+4^5(5+6))*(7-(8+9))$	-45348805	G	$(1*2*3^4)*(5-6^7)+8+9$
-41983863	G	$-1-(23+(4+5)^6*(7+8*9))$	-45348839	G	$((1*2*3^4)*(5-6^7)-8)-9$
-42000696	G	$-1-(2-3*(4-(5+6))^7*(8+9))$	-45348911	G	$(1*2*3^4)*(5-6^7)-89$
-42536744	P	$(-1*2*(-3^4+5))*-(6^7-89)$	-45348984	G	$(1*2/3^4-4)*(5-6^7+8-9)$
-42539328	P	$(-1*2*(-3^4+5))*-(6^7-8*9)$	-45349137	G	$(-1*2*3^4)*(5+(6^7-8))+9$
-42547688	P	$(-1*2*(-3^4+5))*-(6^7-(8+9))$	-45349155	G	$(-1*2*3^4)*(5+(6^7-8))-9$
-42549047	G	$(-1*2*(-3^4+5))*(6^7+8)+9$	-45349527	G	$-1-2+3*(4-(5-(6-7))^8)*9$
-42549065	G	$(-1*2*(-3^4+5))*(6^7+8)-9$	-45350109	G	$(1*2*3^4)*(5-(6^7+8))+9$
-42550007	G	$-1+(23-4)*(5-(6^7*8-9))$	-45350127	G	$(1*2*3^4)*(5-(6^7+8))-9$
-42550120	P	$(-1*2*(-3^4+5))*-(6^7+8-9)$	-45350280	G	$(1*2*3^4)*(-5-6^7-(8-9))$
-42550200	G	$(-1*2*(-3^4+5))/-6^-7+8*9$	-45350353	G	$(-1*2*3^4)*(5+6^7)+89$

-45350425	G	$(-1*2*3^4)*(5+6^7)+8+9$	-48424407	G	$-1-2+(-3-4)/5*(6*(7^8+9))$
-45350459	P	$-((1*2*3^4)*(5+6^7)+8)-9$	-48508209	P	$-(-1*2*3*4*5^6+7^8)*9$
-45350531	G	$(-1*2*3^4)*(5+6^7)-89$	-48522241	G	$-1+2*(3+4+5)^6*(7/8-9)$
-45350604	G	$(1*2*3^4)*(-5-6^7+8-9)$	-48671786	P	$(1-(2+3)^-(4-5-6))^7*89$
-45351576	G	$(1*2/3^4)^*(5-6^7-(8+9))$	-48692333	P	$1-23^4*((-5-6)^*(7+8)+9)$
-45351729	G	$(-1*2*3^4)*(5+6^7+8)+9$	-48708867	G	$-1-2-(34-5)*6^7(7-(8-9))$
-45351747	G	$(-1*2*3^4)*(5+6^7+8)-9$	-49070709	G	$(1*(2+3)*4*5^6-7^8)*9$
-45353196	G	$(1*2*3^4)*(-5-6^7-(8+9))$	-49211334	P	$-(-1*(-23+4)/-5^6-6+7^8)*9$
-45363240	G	$(1*2/3^4)^*(5-6^7-89)$	-49269528	P	$(-1+23)^*(45+6^7*8-9)$
-45364860	G	$(-1*2*3^4)*(5+6^7+89)$	-49312503	G	$(1-2)*(3+4/(5^6-6/789))$
-45434288	G	$-1-(2+34^5-67*(8+9))$	-49443696	G	$(-1*2*3^4+5)*6^7/8*9$
-45434851	G	$-1-(2+34^5-6*(7+89))$	-49787047	P	$-(1+2+3^4)^5(5+6-7)+89$
-45435013	G	$-1-(2+34^5-6*(78-9))$	-49787225	P	$-(1+2+3^4)^5(5+6-7)-89$
-45435206	G	$-1-2-(34^5-(6+7)*(8+9))$	-49795480	P	$-1*(-2-3)^*(4^5(5+6)-(7^8+9))$
-45435388	G	$(1-2)*(34^5-6*(7+8-9))$	-49813300	P	$(-1*2^*(3^4+5-6^7))^8*9$
-45435817	G	$-1-2-34^5-6*(7*8+9)$	-49815080	G	$(1*2*(3^4-(5+6^7)))^8*9$
-45435841	G	$-1-(2+34^5+6*(78-9))$	-49821133	G	$-1-2*(3-45+6^7)*89$
-45436003	G	$-1-(2+34^5+6*(7+89))$	-49833771	G	$-1-2*(34-5+6^7)*89$
-45436237	G	$-1-2-(34^5+6*(7+8)*9)$	-49842136	G	$(-1*2*(3^4-(5-6^7)))^8*9$
-45436566	G	$-1-(2+34^5+67*(8+9))$	-49843916	G	$(-1*2*(3^4+5+6^7))^8*9$
-45536302	G	$-1-((2*3)^4+5)^*(6^7/8+9)$	-49914459	G	$(1*(2+3*4)*5^6-7^8)*9$
-46118306	P	$-1+2*(3-4*(-5+6-7^8))+9$	-50040072	G	$(-1*(2+34)^*(5^6-7))^8*9$
-46118664	G	$-1+(-2*(3-4*(-5*6-7^8))-9)$	-50084928	G	$(-1*(-2-34)^*(5^6-6-7))^8*9$
-46126658	P	$-1+2*3*(4^5+6+7^8)-9$	-50264067	G	$-1-2+(-3^4+5)^*(6*(7-8))^9$
-46218753	G	$-1-(2+34/(5^6-6/(78+9)))$	-50388642	G	$-1*2*3^4+5*(6*(7-8))^9$
-46235391	G	$-1-(23+(4+5)^6*(78+9))$	-50388746	G	$-1+23-4*(5/6^7-7^8)*9$
-46235631	G	$-1-(2+(3+(4+5)^6)*(78+9))$	-50389898	G	$-1+23-4*5*(6^7+8)*9$
-46702657	G	$-1+(23-4^5)*6^7(7+(8-9))$	-50389935	G	$(-1-2/3-4*5*(6^7+8))^9$
-46747124	G	$1-(23-4)^*(5^6-6*(7+8)^9)$	-50390218	G	$1-2+(3*4)^5*6-7^8*9$
-46820709	P	$-(-1*(-2-34)*5^6+7^8)*9$	-50512899	G	$-1-2+(3^4-4+5)^*(6*(7-8))^9$
-46874946	G	$-1*2*3*(4*5^6-6+7+8)-9$	-50761612	G	$-1-2-(((3+4)+5)^6-7)^*(8+9)$
-46874992	G	$-1-2*3*4/5^6(6-7-8)+9$	-50761731	G	$-1-2-(3*4)^5(5-6-7)^*(8+9)$
-46875010	G	$-1-2*3*4/5^6(6-7-8)-9$	-50781016	P	$(1-23-4)^*(5^6-(6-7)+8)-9$
-46875054	G	$1*2*3*(4*5^6-6+7+8)+9$	-51011046	G	$(1*2*3^4)*(5-6^7/8)*9$
-47032105	G	$-1+(2-34^5)*(6^7+8+9)$	-51017526	G	$(1*2*3^4)*5(5-6^7/8)*9$
-47045762	G	$-1*(2*3^4-5)^6+7*(8+9)$	-51018627	G	$-1-(2+(3+(4+5)^6)*(7+89))$
-47056400	G	$(1-23+4+5)^6-7^8*9$	-51019146	G	$(-1*2*3^4)^*(5+6^7/8*9)$
-47383209	P	$-(-1*2^3*4*5^6+7^8)*9$	-51025626	G	$(-1*2*3^4)^*(5+6^7/8)*9$
-47402497	G	$-1+(2^3-4^5)*6^7(7+8-9)$	-51187500	P	$-((1*2)/3+4)^5*6^7*8*9$
-47458303	G	$1-(2+3^4)^5(5+6-7)+8+9$	-51226959	P	$-(1*(2/3+4)*5^6+7^8)*9$
-47458305	G	$-1-(2+3^4)^5(5+6-7)+8+9$	-51345379	G	$(1*2+3*4)^5+6-7^8*9$
-47458319	G	$1-(2+3^4)^5(5+6-7)-8+9$	-51345391	G	$(1*2+3*4)^5-6-7^8*9$
-47458323	G	$-1-(2+3^4)^5(5+6-7)+8-9$	-51414459	P	$-(((1*2)/3-4)^5+6^7+8)*9$
-47458337	G	$1-(2+3^4)^5(5+6-7)-8-9$	-51490792	P	$-(1+(23^4-(4-(5-6))^7)*8)+9$
-47458339	G	$-1-(2+3^4)^5(5+6-7)-8-9$	-51499954	G	$-1-(23*(-45+6^7)*8+9)$
-47471616	P	$(1*2*(-3^4-4+5))^6*7*(8+9)$	-51509250	P	$1*23^*(45+6^7*8)+9$
-47542465	G	$-1+(2+(3-4^5))^6*7(7+8-9)$	-51511910	G	$(1+2^3+4)^5+6-7^8*9$
-47573993	G	$-1-2-34^5*(6^7-89)$	-51516712	G	$-1-23*((45+6^7)*8+9)$
-47576883	G	$-1-2-34^5*(6^7-8*9)$	-51523741	G	$1+23*(4+5^6)-7^8*9$
-47586097	G	$-1-2-34^5*(5*6^7-89)$	-51523925	G	$1-23*(4-5^6)-7^8*9$
-47586366	G	$(1*2*(3^4-5*6^7))*(8+9)$	-51600501	P	$(-1*2^*(3^4+5^6)-7^8)*9$
-47589155	P	$1-2-34^5-(-5*6^7-8)-9$	-51603369	G	$(1*23)^4+5-6-7^8*9$
-47590787	G	$1-2-34^5*(6^7+8)+9$	-51603873	G	$-1+23^4-(56+7^8)*9$
-47591874	G	$(-1*2*(3^4+5*6^7))*(8+9)$	-51634382	G	$1+(2^3+4)^5-6-7^8*9$
-47592149	G	$-1-(2+34^5*(5*6^7+89))$	-51634384	G	$1-2+(3*4)^5-6-7^8*9$
-47601363	G	$-1-2-34^5*(6^7+8*9)$	-51648184	G	$-1-(2^3-3)^4(4+5)^*(6+7/8)+9$
-47631681	G	$1*2^3*(4+5)^6-7^8*9$	-51662016	G	$(1-2^2(3+4+5)^6-7^8)*9$
-47635779	G	$-1-(2-(3-4^5)/6^7(-7-(8-9)))$	-51696632	G	$-1+23*(-4^5-6^7)*8+9$
-47706624	P	$(1*2*(3^4-4+5))^6*7*(8+9)$	-51706134	G	$-1*(2-(3^4(4+5)-6-7^8))^9$
-47769913	G	$-1-(2^3-3+4^5)^6*7(7+8-9)$	-51706143	G	$(-1-2+3^4(4+5)-(6+7^8))^9$
-47806849	G	$-1-(2/3+4^5)^6*7(7+8-9)$	-51741126	P	$-(-1*2*3^4-(5^6-7^8))^9$
-47822401	G	$-1+(2-3-4^5)^6*7(7+8-9)$	-51744042	G	$(-1*2*3^4+5^6-7^8)*9$
-47829670	G	$-1*(2-3^4(4*5-6))*(7-(8+9))$	-51773832	G	$1*2+(3+4)^5*6-7^8*9$
-47829710	G	$-1*(2-3^4(4*5-6))*(7-(8+9))$	-51801561	G	$((1*2*3^4)*56-7^8)*9$
-47886553	G	$-1-((2/3)^4-4+5)^6*7*(8+9)$	-51834056	G	$1+2^3*4^5*6-7^8*9$
-48055681	G	$-1-(2*3+4^5)^6*7(7+8-9)$	-51836319	G	$1+2+3*(4+5^6)-7^8*9$
-48086334	P	$-(-1*(-23-4)*5^6+7^8)*9$	-51836323	G	$1-2+3*(4+5^6)-7^8*9$
-48164301	G	$-1-(2-34^5)*(-6^7-89)$	-51836343	G	$1+2-3*(4-5^6)-7^8*9$
-48275170	P	$-(1+2*((3-4^5)^6+7)+8)-9$	-51836347	G	$1-2-3*(4-5^6)-7^8*9$
-48424344	G	$-1-2-(3+4)/5*(6/7^8-8+9)$	-51836554	G	$1-2+(3-4-5)^6-7^8*9$

-51839469	G	$((-1*2*3^4)*5*6+7^8)^*-9$	-52734268	G	$1+-2+3*(4-5^(-6+(7+8)))^*9$
-51851891	G	$1*2*(34+5^6)-7^8*9$	-52734294	P	$-(1+2-3*(4-5^(-6+7+8)))^*9$
-51862723	G	$(1*2^3)^4*5+6-7^8*9$	-52734456	G	$(1+2-3*(4+5^(-6+7+8)))^*9$
-51862735	G	$(1*2^3)^4*5-6-7^8*9$	-52734480	G	$1+2+3*(-4-5^(-6-(-7-8)))^*9$
-51863488	G	$(1*2^3)^4+5^6-7^8*9$	-52734484	G	$1+-2-3*(4+5^(-6+(7+8)))^*9$
-51863523	P	$1+2+(3^(-4-5-6)-7^8)^*9$	-53062866	P	$(-1-2^(-(-3+4*5)+6)-7^8)^*9$
-51863544	P	$1*(-2+3^(-4-(5+6)))-7^8)^*9$	-53062920	P	$(-1-2^(-3-4*5)-(6+7^8))^*9$
-51879055	G	$(-1+2*(3^4)+5-(6+7^8))^*9$	-53148834	P	$(-1*(-2-3-4)*5^6-7^8))^*9$
-51879057	G	$(1*2^3)^4+5+6-7^8*9$	-53289459	P	$(-1*(-2+3*4)*5^6+7^8))^*9$
-51879143	G	$(1*2^3)^4-5*6-7^8*9$	-53332183	G	$-1+2*(-3^4(4+5)-6^7)^*89$
-51879163	G	$-1+2^3(3^4)+5+(-6-7^8)^*9$	-53376202	G	$1-2-(3^4)^5*6-7^8*9$
-51879169	G	$(1*2^3)^4-5-6-7^8*9$	-53477529	G	$1+2-3*(4+5)^6-7^8*9$
-51879368	G	$1+2^3(3+4)*5*6-7^8*9$	-53747569	P	$-1+2*(-(3^4)^(5-6+7)+8)^*9$
-51881554	P	$-1-(2^(-3-4)-(5-6-7^8))^*9$	-53747706	G	$-1-2+(3^4)^(56/7)/-8+9$
-51881766	P	$(-1*2*(3^4-5/6)-7^8)^*9$	-53747873	G	$-1-2^3*4*(5+6^7(7-(8-9)))$
-51882194	G	$(-1+2/(3^4)+5-6)-7^8)^*9$	-53748672	G	$1*2/3*4*((-5-6^7)^*8)^*9$
-51882424	G	$1+2*(3+4)*5-6-7^8*9$	-54133209	P	$(-1-2+3)^4*5^6+7^8)^*9$
-51883990	G	$1-23*(4+5*6)-7^8*9$	-54401275	G	$-1-(23^4-5+6+7^8)^*9$
-51884105	G	$1-23*(4+5-6)-7^8*9$	-54555084	G	$(-1*(-23+4)/-5^6-6-7^8)^*9$
-51884319	G	$-1-2+(-3-4*5*6-7^8)^*9$	-54695709	G	$(1*(-2-3)*4*5^6-7^8)^*9$
-51884652	G	$(-1*2*(3^4-5/6)-7^8)^*9$	-54765523	G	$-1+2-3*(-4+5/6)*(-7^8+9)$
-51885113	G	$(1-2)^3*4*5-6-7^8*9$	-54765527	G	$-1-2-3*(-4+5/6)*(-7^8+9)$
-51885267	G	$1*(2-345)*6-7^8*9$	-54843751	G	$-1-(2+3)^(4+5+6)*7^8*9$
-51885399	G	$-1-2+(-3^4(4-5-6))-7^8)^*9$	-55258209	P	$(-1*2^3*4*(5+6+7^8))^*9$
-51885945	P	$(-1*2/3)^*-4+5+6+7^8)^*9$	-55342169	P	$1-2*(3-4/5*(6*(7^8+9)))$
-51887048	G	$1-2^3(3+4)*5*6-7^8*9$	-55342181	P	$1-2*(3-4/5*(6*(7^8+9)))$
-51889356	G	$(1-2*34+5+6-7^8)^*9$	-55680084	G	$(-1*(-23-4)*5^6-7^8)^*9$
-51889829	P	$(-1+2^3)^4+5+(-6-7^8)^*9$	-56383209	G	$(-1*(2^3*4)^5+6+7^8))^*9$
-51890889	G	$1*((-2-3)^4+5/6-7^8)^*9$	-56640628	G	$-1-(2+(34-5)/(6+7-8)^-9)$
-51892457	G	$-1+23-(4^5+6+7^8))^*9$	-56945709	G	$(-1*(-2-34)*5^6-7^8)^*9$
-51894738	G	$(1*2^3)^4-5^6-7^8*9$	-57106771	P	$1+2-34*(-5-6^7(7-(8-9)))$
-51895521	P	$(-1+2)*(-3*4+5+6+7^8)^*9$	-57106935	P	$(-1+2)^3*4*(-5+6-7)^8+9$
-51902889	P	$1+2+(-3^(-4-5-6)-7^8)^*9$	-57107115	G	$1-2-34*(5+6^7(7-8+9))$
-51902910	P	$(-1*2-3^(-4-(5+6)))-7^8)^*9$	-57107999	P	$-1-(2-3*4*(5+6^7))^*(8+9)$
-51911335	G	$-1-(2+3)^4(4-5-6)+7^8)^*9$	-57289760	G	$1-(23^4-5)^6(-6-7+8+9)$
-51914391	G	$1*2*(34-5+6)-7^8*9$	-57289762	G	$-1-(23^4-5)^6(-6-7+8+9)$
-51926949	G	$((1*2*3^4)*5*6-7^8)^*9$	-57521891	P	$-1-2+(-3-4^(-5+6))/7^8*9$
-51929866	G	$1-2-(3-4-5)^6-7^8*9$	-57782290	G	$1+2-3*((4^5)^6+7)+8^9$
-51930069	G	$1+2+3*(4-5^6)-7^8*9$	-57945099	G	$-1-2+(3+4*5)*(-6^7+8)^*9$
-51930073	G	$1-2+3*(4-5^6)-7^8*9$	-57946664	G	$-1+23*(-4-5)^6+7+89$
-51930093	G	$1+2-3*(4+5^6)-7^8*9$	-57947374	G	$-1+23*(45-(6^7+8)^*9)$
-51930097	G	$1-2-3*(4+5^6)-7^8*9$	-57948432	G	$-1+23*(4-5-(6^7+8)^*9)$
-51932360	G	$1-2^3*4^5*6-7^8*9$	-57965176	G	$-1+23*(-4-5)^6(7+8+9)$
-51942264	G	$(1+2-3^4)^5-6-7^8*9$	-58015625	G	$(1*(2-3^4)^5+6)^*(7^8-9)$
-51964857	P	$(-1*(2*3^4)*5+6+7^8)^*9$	-58235203	G	$1*2+3-(4*5)^6+7^8-9$
-51983203	G	$(1*2-3^4)^5+6-7^8*9$	-58235232	G	$-1-23-(4*5)^6+7^8-9$
-51983215	G	$(1*2-3^4)^5-6-7^8*9$	-58319551	G	$1-23^4(4-5+6)-7^8*9$
-51992582	G	$1^2-(3+4)^5+6-7^8*9$	-58461257	G	$-1+2-3*(4+((5+6)^7-89))$
-52022376	G	$(1*2*3^4-5^6-7^8)^*9$	-58461261	G	$-1-2-3*(4+((5+6)^7-89))$
-52025292	G	$(-1*2*3^4-(5^6+7^8))^*9$	-58461415	G	$-1-2+3*(4-(5+6)^7)+89$
-52060305	G	$-1-2+(-3^4(4+5)+6-7^8)^*9$	-58461439	G	$-1-(2+3*(4+(5+6)^7))+89$
-52060411	G	$1-2-(3^4(4+5)+6+7^8)^*9$	-58461793	G	$1-2-3*(4+(5+6)^7)+89$
-52060419	G	$(1-2-3^4(4+5)-6-7^8)^*9$	-58461795	G	$-1-(2+3*(4+(5+6)^7)+89))$
-52060428	G	$(-1*2-3^4(4+5)-(6+7^8))^*9$	-58720323	P	$-1*2*(-(-3-4^5(5+6))^*7+8)-9$
-52077567	G	$1+2^3(3+4*5)-6^7(-7+8+9)$	-58786479	G	$(1-(2/3-4)*5^6-7^8+9)^*9$
-52077569	G	$-1+2^3(3+4*5)-6^7(-7+8+9)$	-58786489	G	$-1+((2/3+4)*(-5/6^7-7)+8)^*9$
-52104384	G	$(1+2^3(3+4+5)*6-7^8)^*9$	-58786633	G	$-1-((2/3+4)*5/6^7-7+8)^*9$
-52132046	G	$1-(2^3+4)^5-6-7^8*9$	-58786735	G	$(1-2-34)^5(5+6^7(7-8+9))$
-52132048	G	$1-2-(3^4)^5-6-7^8*9$	-58973185	G	$-1+2*(3+4+5)^6*(-7/8-9)$
-52163051	G	$-1-23^4(-5+6)^7+8^9$	-59089121	P	$1-2+(-3/4+5-6)^*(7^8-9)$
-52163555	G	$-1-23^4-(5+6+7^8)^*9$	-59484378	G	$-1-2-3^4*5^6*(7^8-9)$
-52165917	G	$(-1*2*(3^4+5^6)-7^8)^*9$	-59500000	P	$(1*2^3*4*5^6)^*7*(8+9)$
-52200625	G	$-1*(2/(34*5))^6(6+7-(8+9))$	-59500009	G	$(-1*2)^3*4*5^6*7^8-9$
-52242491	G	$1+23*(4-5^6)-7^8*9$	-59633997	G	$-1-2-34^5/6*(7^8+9)$
-52242675	G	$1-23*(4+5^6)-7^8*9$	-59706801	G	$(1+2+3^4)^5-6^7(-7+8+9)$
-52258209	G	$(-1*2/3^4*5^6-7^8)^*9$	-59754684	G	$-1*2^3*4^5(5+6)+7^8+9$
-52351959	G	$(1*(2/3-4)^5+6-7^8)^*9$	-60186340	G	$1*23^4-5-6^7(-7+8+9)$
-52503552	P	$((1+2+3)^4)^5-(6^7(-7-8)+9))$	-60217347	P	$-1-(2-(3^4)^5)-(6^7(-7-8)+9))$
-52539459	G	$(-1*(2/3+4)^5+6-7^8)^*9$	-60236231	G	$(-1-(2*3-4*5)^6+7)^*8+9$
-52734264	G	$1+2-3*(-4+5^6(-6-(-7-8)))^*9$	-60305125	G	$(1-2+3^4)^5-6^7(-7+8+9)$

-60432562	G	$1 * 2 / (3+4)^{-5} - (6^{-(7+(8+9)))}$	-63413143	G	$1 - 234 - (5+6) * (7^8+9)$
-60433371	P	$(1+2^3)^4 * 5 - 6^{-(7-8+9)}$	-63413536	G	$-1 - (2+3)^4 - (5+6) * (7^8+9)$
-60445655	P	$1 - 23^4 * (-5 + (-6-7) * (8+9))$	-63555084	P	$-(-1 * (-2-3^4) * 5^6 + 7^8) * 9$
-60457983	G	$1 + 2^3 / 4^{-5} - 6^{-(7+8+9)}$	-63692662	G	$-1 - 23^4 - (5+6) / 7^8 - 9$
-60462080	G	$1 * 2^{(3+4+5)} - 6^{-(7+8+9)}$	-63700880	G	$-1 + ((2 * 3^4 - 4)^5 + 6 + 7) * 8 + 9$
-60464875	P	$1 * (2 * 3)^4 + 5 - 6^{-(7-8+9)}$	-63999474	G	$-1 - (-23 + (4 * 5)^6) - 7 * 8 * 9$
-60464885	P	$1 * (((2 * 3)^4) - 5 - 6^{-(7-8+9)})$	-63999491	G	$1 * 2 + 3 - (4 * 5)^6 - 7 * 8 * 9$
-60465111	P	$- (1+2) - 3 * (4 - (5-6 * 7) * 8 * 9)$	-63999520	G	$-1 - (23 + (4 * 5)^6 - 7 * 8 * 9)$
-60465536	G	$(1 * 2^{(3+4)} * 5 - 6^{-(7+8+9)})$	-64000766	G	$1 * 23 - ((4 * 5)^6 + 789)$
-60465895	G	$-1 - (2+34)^5 - 6 * (-7 * 8 + 9)$	-65483029	G	$-1 + 234 * (5 - 6^7 + 89)$
-60465963	G	$-1 - 2 - 3 * (4 - 5 + 6^7) * 8 * 9$	-65503621	G	$-1 + 234 * (5 - 6^7 - 8 - 9)$
-60466274	G	$1 - (2+34)^5 - 6 * (7+8) - 9$	-65503647	G	$-1 + 234 * (5 - 6^7 + 8 / 9)$
-60466285	G	$-1 + (23+4) * (5 - (6^7 * 8 + 9))$	-65504063	G	$-1 + 234 * (5 - 6^7 - 8 / 9)$
-60466336	G	$-1 * 2^3 * 4^5 - 6^{-(7+8+9)}$	-65506178	P	$- (1 + 234 * (5 + 6^7) - 8) + 9$
-60466337	G	$-1 - 2^3 * 4^5 - 6^{-(7+8+9)}$	-65507833	G	$-1 + 234 * (5 - 6^7 - 8 - 9)$
-60466348	G	$-1 * 2 - 34^5 - 6^{-(7+8+9)}$	-66232119	G	$-1 - 2 + (-3 * (4+5)^6 - 7^8) * 9$
-60466357	P	$-1 - (-2 - 34) * 5 - 6^{-(7-8-9)}$	-66406242	G	$1 - 2 - 34 * 5^4 * (-6 + 7 + 8) + 9$
-60466447	G	$-1 - 2 * 3 * 45 - 6^{-(7+8+9)}$	-66406244	G	$-1 - 2 - 34 * 5^4 * (-6 + 7 + 8) + 9$
-60466516	G	$-1 * 2 * 3 * 4 * 5 - 6^{-(7+8+9)}$	-66406260	G	$(1 - 2 - 34 * 5^4 * (-6 + 7 + 8) - 9)$
-60466517	G	$-1 - 2 * 34^5 - 6^{-(7+8+9)}$	-66406423	G	$-1 - (2 + 34 * (5 + 6^7 - 8)^9)$
-60466537	G	$-1 - 2^3 * 45 - 6^{-(7+8+9)}$	-66624839	G	$-1 - 2 * (3+4) * (5 + 6^7 * (8+9))$
-60466567	G	$-1 - (2+34)^5 - 6 * (7 * 8 + 9)$	-66937500	G	$(1 * (-2 - 34) * 5^6) * 7 * (8+9)$
-60466631	P	$(1 - 23 * 4) * 5 - 6^{-(7 - (8+9))}$	-66961484	G	$(-1 - 2 / 3^4 * (4 * 5 + 6)) * 7 + 8 + 9$
-60466816	P	$- (1 - 2)^3 * (3+4) * 5 - 6^{-(7+8+9)}$	-66961567	P	$(-1 * 2 / 3^4 - (4 * 5 + 6)) * 7 * 8 - 9$
-60466867	G	$-1 - 2 * 345 - 6^{-(7+8+9)}$	-67108768	P	$- (1 + 2 * (3 + (4^5 + 6) - 7) * 8)) - 9$
-60467205	G	$(1 - 2 * 3 - 4)^5 - 6^{-(7+8+9)}$	-67108782	G	$-1 * 2 * ((3 + 4^5 + 6) - 7) * 8 - 9$
-60467206	G	$(-1 * 2) * 3 - 4^5 - 6^{-(7 - (-8 - 9))}$	-67108946	G	$1 * 2 * ((3 - 4^5 + 6) - 7) * 8 - 9$
-60467207	G	$1 - 2 - 34^5 - 6^{-(7+8+9)}$	-67108960	P	$1 - 2 * (-3 - (4^5 + 6) + 7) * 8 + 9$
-60467212	G	$-1 - 23 * 45 - 6^{-(7+8+9)}$	-67108985	G	$(-1 + 2 - 3) * (4^5 + 6 + 7) * 8 - 9$
-60467271	P	$- (1+2) - 3 * (4 + (5 + 6^7) * 8 * 9)$	-67109034	G	$-1 + 2 * (-3 - (4^5 + 6) + 7) * 8 - 9$
-60467347	G	$-1 - 234 * 5 - 6^{-(7+8+9)}$	-67736309	G	$-1 - 2 + (3/4 + 5 + 6) * (-7^8 + 9)$
-60467392	G	$1 - 2 - 3 * (45 + 6^7 * 8) * 9$	-68019102	G	$(-1 - 2) * 3^4 * 4 * (-5 - (-6^7 + 8 + 9))$
-60467467	P	$-1 * (2 * 3)^4 + 5 - 6^{-(7-8+9)}$	-68022990	G	$(-1 - 2) * 3^4 * 4 * (-5 - (-6^7 - (8 - 9)))$
-60467477	P	$-1 * ((-2 * 3)^4 + 5 + 6^{-(7-8+9)})$	-68023476	G	$(-1 - 2) * 3^4 * 4 * (-5 - (-6^7 + 8 - 9))$
-60468123	G	$-1 - 2 - 3 * (4 + 5 + 6^7) * 8 * 9$	-68359690	P	$(1 - 2 - 34) * (5^4 - (6 - 7) + 8) + 9$
-60470272	G	$-1 * 2^{(3+4+5)} - 6^{-(7+8+9)}$	-68854783	G	$1 - 2^{(3+4+5)} - 6^{-(7+8+9)}$
-60474367	G	$1 - 2^3 / 4^5 - 6^{-(7+8+9)}$	-68854785	G	$-1 - 2^{(3+4+5)} - 6^{-(7+8+9)}$
-60546876	G	$-1 - (2 + (34 - 5)) * (6 + (7 - 8))^9$	-68990106	G	$-1 - 2 - 3 * 4 * (5^6 - 7^8) + 9$
-60547154	P	$(1 + 2 - 34) * (5^4 - (6 - 7) + 8) + 9$	-68990142	G	$-1 - 2 - 3 * (-4 * (5^6 - 7^8) + 9)$
-60627227	G	$(-1 + 2 - 3^4)^5 - 6^{-(7+8+9)}$	-69124991	G	$(1 * (2 - 3^4) * 5^6) * 7 * 8 + 9$
-60699455	G	$1 - ((2 * 3)^4 + 5) * 6^{(7+8-9)}$	-69125009	G	$(1 * (2 - 3^4) * 5^6) * 7 * 8 - 9$
-60715005	P	$1 + (2 - (3^4)^5) - 6^{-(7-8+9)}$	-69176970	P	$-1 - 2 - 3 * (-4 * (56 - 7^8) - 9)$
-60715011	P	$-1 - (2 + (3^4)^5) - 6^{-(7-8+9)}$	-69177143	G	$-1 + 2 - 3 * 4 * (-5 * 6 + 7^8 - 9)$
-60953125	G	$(1 * (-2 - 3^4) * 5^6) * (7 * 8 - 9)$	-69177493	G	$-1 - (2 + 3 + 4) * 5 - 6^{-(6 - 7 + 8 + 9))}$
-61225551	G	$(-1 - 2 - 3^4)^5 - 6^{-(7+8+9)}$	-69177534	G	$1 * 2 * (3 + 45 - 6 / 7^8 - 8 - 9)$
-61362999	P	$(-1 + 2) * (-3 * 4^5 + 6) - 7^8 * 9$	-69177656	G	$1 - 2 * (3 * (4 + 5) + 6 * 7^8) + 9$
-61514752	P	$((1 + 2 - 3) * 4)^5 - 6^{-(7-8+9)}$	-69284152	G	$-1 - (2 * 3) * (4 + 5) * (-6 - 7 / 8) + 9$
-61865381	G	$-1 * 23^4 * 5 - 6^{-(7+8+9)}$	-69365106	G	$-1 - 2 - 3 * 4 * 5 * (5^6 + 7^8) + 9$
-62355745	G	$-1 - (2^3 - 3 + 4) * (5 - (6 - 7))^8 * 9$	-69365142	G	$-1 - 2 - 3 * (4 * (5^6 + 7^8) + 9)$
-62499711	G	$1 - 2^3 * 4 * (5^4 - (6 + 7 + 8) - 9)$	-69764769	G	$1 * 23 - (4 * 5)^6 - 7^8 + 9$
-62499927	G	$1 - 2^3 * (4 * 5^4 - (6 + 7 + 8) - 9)$	-69764802	G	$1 * 2^3 - ((4 * 5)^6 + 7^8 + 9)$
-62500071	G	$1 - 2^3 * (4 * 5^4 - (6 + 7 + 8) + 9)$	-69764834	G	$-1 - (23 + (4 * 5)^6 + 7^8) - 9$
-62500287	G	$1 - 2^3 * 4 * (-5^4 - (6 + 7 + 8) - 9)$	-69883209	G	$(-1 * 2^{(3+4)} * 5^6 - 7^8) * 9$
-62914529	G	$-1 + (23 - 4^5 + 6) * (7 + 8) + 9$	-70217759	G	$-1 - (23 - (4 * 5)^6 + 7^8 + 9))$
-62914615	G	$1 - 2 - (3 + 4^5 + 6) * (7 + 8) - 9$	-70312455	G	$(1 * 2 + 3 - 4 * 5^4 - (6 + (7 + 8))) * 9$
-62914616	P	$- (1 * 2 + (3 + 4^5 + 6)) * (7 + 8) - 9$	-70312470	P	$1 + 2 + (3 - 4 * 5^4 - (6 - 7) + 8)) * 9$
-62964224	G	$1 + 23^4 * 5 * (-6 - (7 - 8)) * 9$	-70312472	P	$-1 + 2 + (3 - 4 * 5^4 - (6 - 7) + 8)) * 9$
-62992584	G	$(1 * (2 - 3^4) * 5^6 - 7^8) * 9$	-70312474	P	$1 - 2 + (3 - 4 * 5^4 - (6 - 7) + 8)) * 9$
-63132980	G	$-1 + 23^4 - (5 + 6) / 7^8 - 8 - 9$	-70312498	G	$1 - 2 + 3 - 4 * 5^4 * (-6 + 7 + 8) * 9$
-63241125	G	$-1 - 2 + (-3 + (4 + 5)^6) * 7 * (-8 - 9)$	-70312504	G	$1 - 2 - 3 - 4 * 5^4 * (-6 + 7 + 8) * 9$
-63241431	G	$-1 - (2 - (3 - (4 + 5)^6 * 7) * (8 + 9))$	-70312507	G	$1 - 2^3 - 4 * 5^4 * (-6 + 7 + 8) * 9$
-63412286	G	$-1 + (2 + 3)^4 - (5 + 6) * (7^8 + 9)$	-70312508	G	$1 + ((-2 - 34) / 5^4 * (6 - 7 - 8) - 9)$
-63412569	G	$-1 + 234 - (5 + 6) / 7^8 - 8 + 9$	-70312515	G	$(-1 - (2 / 3 + 4 / 5^4 * (6 - 7 - 8))) * 9$
-63412577	G	$(1 + 2) * 3^4 - (5 + 6) * 7^8 - 9$	-70312523	G	$-1 * 23 - 4 * 5^4 * (-6 + 7 + 8) * 9$
-63412641	G	$-1 + 2 * 3^4 - (5 + 6) / 7^8 - 8 + 9$	-70312524	P	$1 + 2 - (3 + 4 * 5^4 - (6 - 7) + 8)) * 9$
-63412751	G	$1 - 2 * 34 - (5 + 6) * 7^8 - 9$	-70312526	P	$-1 + 2 - (3 + 4 * 5^4 - (6 - 7) + 8)) * 9$
-63412884	G	$-1 + 23 + 4 - (5 + 6) * (7^8 + 9)$	-70312528	P	$1 - 2 - (3 + 4 * 5^4 - (6 - 7) + 8)) * 9$
-63412888	P	$- (1 * 2 * 3 + (-5 - 6) * 7^8) - 9$	-70312530	P	$-1 - 2 - (3 + 4 * 5^4 - (6 - 7) + 8)) * 9$
-63412992	P	$1 - 2 - 3^4 + (-5 - 6) * (-7^8 - 9)$	-70312545	G	$-1 * (2 + 3 + 4 * 5^4 - (6 + (7 + 8))) * 9$
-63413037	G	$-1 - 234 - (5 + 6) / 7^8 - 8 + 9$	-70312563	P	$(1 - 2^3 - 4 * 5^4 - (6 - 7) + 8)) * 9$

-70874878	G	$1+(2-3^4/5^{\wedge}-6)*7*8+9$	-80024222	G	$1-2-34^{\wedge}5-6*7^{\wedge}8+9$
-70874880	G	$-1+((2-3^4/5^{\wedge}-6)*7*8+9)$	-80024240	G	$1-2-34^{\wedge}5-6*7^{\wedge}8-9$
-70874896	G	$1+((2-3^4/5^{\wedge}-6)*7*8-9)$	-80024287	G	$-1-2-34^{\wedge}5-6*(7^{\wedge}8+9)$
-70875102	G	$1+(-2-3^4/5^{\wedge}-6)*7*8+9$	-80234375	G	$(1*(-2+3^4)*5^{\wedge}6)*(7-8*9)$
-70875104	G	$-1+((-2-3^4/5^{\wedge}-6)*7*8+9)$	-80500009	G	$(-1*23*4*5^{\wedge}6*7)*8-9$
-70875122	G	$-1-((2-3^4/-5^{\wedge}-6)*7*8+9)$	-80621617	G	$-1-((2*3)^{\wedge}(4+5)+6)*(7-(8-9))$
-71302965	G	$-1+((2+3-4^{\wedge}(5+6))+7)*(8+9)$	-80623023	G	$(-1-2/3+4*(-5-6^{\wedge}7)*8)*9$
-71303001	G	$-1-2+(3-4^{\wedge}(5+6)+7)*(8+9)$	-80707161	G	$-1+2*(3*(4+5)-(6-(7-8)))^{\wedge}9$
-71303239	G	$-1-(2-(3-4^{\wedge}(5+6)-7))*(8+9))$	-80707183	G	$-1+23-(4*5-6)*7^{\wedge}8+9$
-71303305	G	$-1-(-2+3+4^{\wedge}(5+6)+7)*(8+9)$	-80707261	G	$-1+2*(-3-4*5-(6-7+8)^{\wedge}9)$
-71303340	P	$-(1*2)-(3+(4^{\wedge}(5+6)+7))*(8+9)$	-80707318	G	$-1+23-(4*5-6)*7^{\wedge}8+9$
-71383887	G	$-1-(2+3*(4+5/6^{\wedge}-7))*(8+9))$	-80707364	G	$-1-23-(4*5-6)*(7^{\wedge}8+9)$
-71639278	G	$1-(23*4)^{\wedge}(5+6-7)+8+9$	-81368067	G	$-1-2+(3*4)^{\wedge}5*(-6*7*8+9)$
-71639288	G	$-1-(23*4)^{\wedge}(5-(6-7)^{\wedge}8)+9$	-81703053	G	$((1*(-2-3^4)*5^{\wedge}6)*7+8)*9$
-71639298	G	$-1-(23*4)^{\wedge}(5+6-7)+8-9$	-81703197	P	$-((1*(-2-3^4)*5^{\wedge}6)*7+8)*9$
-71639306	G	$-1-(23*4)^{\wedge}(5-(6-7)^{\wedge}8)-9$	-83013262	G	$1*2-3*4/5*(-6*(-7^{\wedge}8-9))$
-71639314	G	$-1-((23*4)^{\wedge}(5+6-7)+8+9)$	-83013266	P	$-(1*2)-3*4/5*(-6*(-7^{\wedge}8-9))$
-71744495	G	$1-(-2+3^{\wedge}(4*5-6))*(7+8)+9$	-83589487	G	$-1-2-3*(-4-5/6)*(-7^{\wedge}8+9)$
-71744573	G	$1-(-2-3^{\wedge}(4*5-6))*(-7-8)-9$	-83984376	G	$-1-(23+4*5)/(6+7-8)^{\wedge}-9$
-72433369	G	$-1-(2+3*4*5*6^{\wedge}7+8)*9$	-84296875	G	$(-1*(-2-3^4)*5^{\wedge}6)*(7-8*9)$
-72559153	G	$-1-(2*3)^{\wedge}4/-5*(-6^{\wedge}7-(8-9))$	-85106025	G	$1+2*(-34^{\wedge}5+6)+7^{\wedge}8+9$
-72624991	G	$(1*(-2-3^4)*5^{\wedge}6)*7*8+9$	-85657801	G	$-1-2+34*(5-(6^{\wedge}7-8)*9)$
-72625009	G	$(1*(-2-3^4)*5^{\wedge}6)*7*8-9$	-85662697	G	$-1-2+34*(5-(6^{\wedge}7+8)*9)$
-74390625	G	$(-1-2*34)/(5^{\wedge}-6/(78-9))$	-85750073	G	$-1+23*(-4^{\wedge}(5+6)+7)*8/9$
-74462977	G	$-1+(2/3-45)*6^{\wedge}(7-8+9)$	-85766002	P	$-1*(-2+3+4*5)^{\wedge}6-7*(-8+9)$
-74739841	P	$1-2-3*(-4^{\wedge}5-6^{\wedge}7*89)$	-85937501	G	$-1-(2-3+45)/(6+7-8)^{\wedge}-9$
-74739843	G	$-1-(2-3*(4^{\wedge}5-6^{\wedge}7*89))$	-86111937	G	$-1-(2*34^{\wedge}5-6^{\wedge}7*(8+9))$
-74741568	G	$-1-2-3*(-4+(-5+6^{\wedge}7)*89)$	-86472156	P	$1*2*(-3-45/6*(-7^{\wedge}8-9))$
-74742778	P	$1-2-3*(-45-6^{\wedge}7*89)$	-86472229	P	$1-2-3*(-4-5*(6+7^{\wedge}8+9))$
-74742886	G	$1-2-3*(-4-5+6^{\wedge}7*89)$	-87339684	G	$-1-(2+(34+5)*(6^{\wedge}7*8-9))$
-74742975	G	$-1-(2+3*(4*5+6^{\wedge}7*89))$	-87340085	P	$-1-((2*3)^{\wedge}-(4-5)+6)*78/9$
-74743048	P	$-(-1+2)-3*(45+6^{\wedge}7*89)$	-87340386	G	$-1-2-(34+5)*(6^{\wedge}7*8+9)$
-74744238	G	$-1-2+3*(4-(5+6^{\wedge}7)*89)$	-87451875	G	$(-1*(2+3)^{\wedge}4*(5^{\wedge}6-78))*9$
-74754930	G	$-1-(2+3*(45+6^{\wedge}7)*89)$	-87575625	G	$(-1*(2+3)^{\wedge}4*(5^{\wedge}6-7*8))*9$
-74942533	P	$-1-2+(3^4-(5-6))*(-7^{\wedge}8+9)$	-87806250	G	$(-1*(2+3)^{\wedge}4*(5^{\wedge}6-(7+8))*9$
-75372769	G	$-1+(2-3-45)*6^{\wedge}(7-(8-9))$	-87851178	P	$(-1*(2+3)^{\wedge}4*(-5^{\wedge}6+7)+8)*9$
-75582744	G	$-1-23-45*6^{\wedge}(7-8+9)$	-87851322	P	$-(-1*(2+3)^{\wedge}4*(-5^{\wedge}6+7)+8)*9$
-75756230	G	$-1-(2+3*(4-(5+6)^{\wedge}7))-8^{\wedge}9$	-87885000	G	$(-1*(2+3)^{\wedge}4*(5^{\wedge}6+7-8))*9$
-75792673	G	$-1-(2^{\wedge}-3+45)*6^{\wedge}(7-(8-9))$	-87890605	G	$((1*2)+3)*(4-5^{\wedge}(-6+(7+8))*9)$
-76095396	G	$-1-2+(3-4/5)*(-6/7^{\wedge}-8-9)$	-87890645	P	$(-1*2)-3*(4+5^{\wedge}(-6+(7+8))*9)$
-76095495	G	$-1-2+(-3+4/5)*6*(7^{\wedge}8+9)$	-87896250	G	$(-1*(2+3)^{\wedge}4*(5^{\wedge}6-(7-8))*9$
-76141541	G	$-1-2+34*((5-6^{\wedge}7)*8-9)$	-87929928	G	$(-1*(2+3)^{\wedge}4*(5^{\wedge}6+7)+8)*9$
-76142119	G	$-1-(2-34*(5-6^{\wedge}7*8+9))$	-87930072	G	$(-1*((2+3)^{\wedge}4*(5^{\wedge}6+7)+8))*9$
-76142416	G	$-1-(2-34*(5-6^{\wedge}7*8))+9$	-87975000	G	$(-1*(2+3)^{\wedge}4*(5^{\wedge}6+7+8))*9$
-76142756	G	$-1-2-34*(5+6^{\wedge}7*8)+9$	-88080438	G	$-1-2-3*(4^{\wedge}(5+6)*7+(8+9))$
-76144261	G	$-1-2-34*((5+6^{\wedge}7)*8+9)$	-88080473	P	$(-1+2)*(-3^4^{\wedge}(5+6)*7+89)$
-76171876	P	$1-2+(34+5)*(-6+7-8)^{\wedge}9$	-88177323	G	$-1-2-(3+4)*5*(6^{\wedge}7-8)*9$
-76171878	G	$-1-(2+(34+5)/(6+7-8))^{\wedge}-9$	-88205625	G	$(-1*(2+3)^{\wedge}4*(5^{\wedge}6+7*8))*9$
-76702465	G	$-1-(2/3+45)*6^{\wedge}(7-8+9)$	-88329375	P	$(-1*(2+3)^{\wedge}4*(-5^{\wedge}6-78))*9$
-77049033	G	$((-1*2)/3*4^{\wedge}(5+6)-7^{\wedge}8)*9$	-88529282	G	$-1-(23*4+5)^{\wedge}(-6-7+8+9)$
-77256957	G	$-1-2-(3^{\wedge}(4+5+6)-7^{\wedge}8)*9$	-88835184	P	$(-1*(-2+3^4)*(-5^{\wedge}6+7))*8*9$
-77256972	G	$(-1*2-3^{\wedge}(4+5+6)+7^{\wedge}8)*9$	-88867286	G	$(1*2*3^4*(5+6^{\wedge}7)-8)^{\wedge}9$
-77613876	P	$(-1*2*3/4*(-5^{\wedge}6-7^{\wedge}8))*9$	-88868906	G	$(-1*2*3^4)*(-5-6^{\wedge}7)-8^{\wedge}9$
-77765553	G	$((1*(2-3^4)*5^{\wedge}6)*7+8)*9$	-88874496	G	$(1*(2-3^4)/5^{\wedge}-6+7)*8*9$
-77765697	P	$-((1*(-2+3^4)*5^{\wedge}6)*7+8)*9$	-88875504	G	$(1*(2-3^4)*5^{\wedge}6-7)*8*9$
-77948573	G	$-1+23-4*(5+6)^{\wedge}7+89$	-88914816	G	$(1*(2-3^4)*5^{\wedge}6+7))*8*9$
-77948776	P	$(-1+2)*(-3-(4/(-5+6)^{\wedge}-7-89))$	-89019649	G	$-1-(2*3)^{\wedge}(4+5)*(-6^{\wedge}(7-8)+9)$
-77948797	G	$-1-23-4*(5+6)^{\wedge}7-89$	-89631952	G	$-1-2*3+(-4^{\wedge}(5+6)-7^{\wedge}8)*9$
-77949046	P	$(-1*2)*3+4*(-(5+6)^{\wedge}7-89)$	-89631972	P	$(-1+2)*(-3-4^{\wedge}(-5-6)-7^{\wedge}8)*9$
-78000000	G	$(1-(2+3)^{\wedge}4)/(5^{\wedge}-6/(7-8+9))$	-89631973	G	$1-2-(3+4^{\wedge}(5+6)+7^{\wedge}8)*9$
-78016977	P	$-(1+2^{\wedge}(3-4*-5)+6^{\wedge}7+8)*9$	-89631975	G	$-1-(2+(3+(4^{\wedge}(5+6)+7^{\wedge}8)))*9)$
-78035751	G	$(-1*2*3/4*(5^{\wedge}6+7^{\wedge}8))*9$	-89632152	G	$-1*(23+4^{\wedge}(5+6)+7^{\wedge}8)*9$
-78089991	P	$(-1*(2+3)^{\wedge}4*(-5^{\wedge}6+7))*8+9$	-90699242	G	$-1+23+(4+5)*6*(7-8)^{\wedge}9$
-78090009	P	$-(-1*(2+3)^{\wedge}4*(-5^{\wedge}6+7))*8-9$	-90869457	G	$-1+2*(-34^{\wedge}5-6+7*8)^{\wedge}9$
-78124943	G	$(-1-(2+3)^{\wedge}4*5^{\wedge}6+7)*8+9$	-90869615	G	$-1+2*(-34^{\wedge}5-6+7*89)$
-78159991	G	$(-1*(2+3)^{\wedge}4*(5^{\wedge}6+7))*8+9$	-90870048	G	$-1+2*(-34^{\wedge}5+6)+789$
-78160009	G	$(-1*(2+3)^{\wedge}4*(5^{\wedge}6+7))*8-9$	-90870742	G	$-1*2*(34^{\wedge}5-6-7*8+9)$
-78381768	G	$-1-2+(-3-4)*5*(6^{\wedge}7*8-9)$	-90871000	G	$-1*2*(34^{\wedge}5-(6+7)+89)$
-78381940	G	$(1-2-34)*(5+6^{\wedge}7*8-9)$	-90871127	G	$-1-2*(34^{\wedge}5+6+7*8*9)$
-78750000	G	$(-1*(-2+3^4)*5^{\wedge}6)*7*8*9$	-90872107	G	$-1-2*(34^{\wedge}5+6+7*89)$

-90872265	G	$-1-2*(34^5+6+78^9)$	-100663371	G	$-1-2-(3+4^(5+6))*(7+8+9)$
-91124352	G	$(-1*2-(3^4*-5^6+7))^*-8^9$	-100663492	G	$1-2-3*((4^4(5+6)+7)*8+9)$
-91124568	G	$(-1+2-(3^4*-5^6+7))^*-8^9$	-100736932	P	$-1-(-2-3^-(4^4*5+6))*7-8^9$
-91125432	G	$(-1+2-(3^4*5^6+7))^*8^9$	-100736952	P	$(1-2+3^-(4^4*5+6))*7-8^9$
-91125648	G	$(-1*2-(3^4*5^6+7))^*8^9$	-100736959	P	$(-1*(2-3^-(4^4*5+6)))^*7-8^9$
-91408357	P	$-1+234*(-(5*(6-7))^8-9)$	-100742759	G	$1+23^4*5/(6-7)^8*9$
-91430728	G	$-1-(2*(34^5+6^7+8)-9)$	-100775502	G	$(1*2^3*4^5-5^6*7^8)^9$
-91551067	P	$-1+2/-3*(-(4^5)^6+7)-8^9$	-100777467	G	$-1-2-(3+4+5^6*7)^8*9$
-91667456	G	$(-1*2*(-3^4+5))^*6^7-8^9$	-100777827	G	$-1-2+(3^*-4-5/6^7)^8*9$
-92236767	G	$1-2^(3-4+5)*(6+7^8-9)$	-100778418	G	$(-1*2^3*4^4-5^6*7^8)^9$
-92236902	G	$1-2^(3-4+5)*(6+7^8)+9$	-100781056	G	$-1*2^(3^4)-5^6*7^8*9$
-92530432	G	$(-1*2^3*4)^*5^6*7+8^9$	-101025793	G	$-1+2*(3^4-4^5)*(6*(7-8))^9$
-93333168	G	$(-1*(-2-3^4)*(-5^6+7))^*8^9$	-101238337	G	$-1-(2^3)^4*(5^6(6-(7-8))-9)$
-93374496	P	$(-(-1*(-2-3^4)^5+6)+7)^*8^9$	-101523219	P	$-1+2*(-(3-(-4-5))^6+7)^*(8+9)$
-93375504	G	$(-1*(-2-3^4)^5+6+7)^*-8^9$	-101523576	G	$-1-(2*(3+4+5)^6+7)^*(8+9)$
-93390345	G	$-1-2/34^5-(6^7+8)^9$	-101797668	G	$(1*2*((3+4)/5^6-6-7^8))^9$
-93416832	P	$(-1*(-2-3^4)*(-5^6+7))^*8^9$	-102000000	G	$(1*2^3*4/5^6-6)^*(-7-89)$
-93750003	G	$-1-(2+(3+45)/(6+7-8)^9)$	-102236163	G	$-1-2+3/4^4(-5-6)^*(7/8-9)$
-94000000	G	$(-1*2^(3+4)^5+6)^*(7^8-9)$	-102270362	G	$1-(2/3+45)^*(6^7*8+9)$
-94020609	G	$-1+(2-34)^5-6^7(-7+8+9)$	-102367235	G	$-1-2+(3/4)^5+6-7/8^9$
-94058286	G	$(1*2/3+4)^*((5-6^7*8)^9)$	-102400457	G	$-1+2*(-34^5+6-7^8-9)$
-94596499	G	$-1-2*3^4(4-5+6+7)^8*9$	-102453125	P	$(-1*(-2-3^4)^5+6)^*(-7+8^9)$
-94929948	P	$(-1*2-3^-(4^4*5+6)-7^8)^9$	-102515578	G	$(1+2^3)^4*5^6+7^8-9$
-95175512	G	$-1+2*34^5-5*(6^7-8)+9$	-103483710	P	$(-1*2*(3^4+5^6+7^8))^9$
-95177706	G	$-1+2*34^5(-5/6^7-7+8)-9$	-103486626	G	$(-1*2*(3^4-5^6+7^8))^9$
-95178192	G	$-1-2+(3-4^5*6^7)^*(8+9)$	-103515626	G	$-1-(2^3+45)^*(6+7-8)^9$
-95178294	G	$-1-2+(-3-4^5*6^7)^*(8+9)$	-103747896	G	$(1*(-2+(3+4)^5-6^7)^8)^9$
-95243319	P	$(-1-2*(34+(5+6)^7))-8^9$	-103758265	G	$-1+2*(-3+456-7^8)^9$
-95243373	P	$(-1-2*(3+4+(5+6)^7))-8^9$	-103759506	G	$1*2*(3456-7^8*9)$
-95831425	G	$-1-2*(3+4^5)^6*(7+8-9)$	-103762610	G	$1*2*(34^5*6-7^8*9)$
-96216183	G	$(-1+2-34^5(5+6-7)^8)^9$	-103763322	G	$-1-2+3*(4^5-6^7+8+9)$
-96216191	G	$-1+2-34^5(5+6-7)^8*9$	-103763511	G	$-1-2+3*(4^5-6*(7^8+9))$
-96216193	G	$1-2-34^5(5+6-7)^8*9$	-103763682	G	$1*2*(3^4*56-7^8*9)$
-96216201	G	$(1-2-34^5(5+6-7)^8)^9$	-103763952	P	$(-1*2*(3^4+56-7^8))^9$
-96354531	G	$(-1*(2-(3+4)^5(5-6))^7+8)^9$	-103764420	P	$(-1*2*(3^4-5^6-6-7^8))^9$
-96468815	G	$-1+23*(-4^5(5+6)+7)+8+9$	-103764762	P	$(-1*2*(3^4+5+6-7^8))^9$
-96468833	G	$-1+23*(-4^5(5+6)+7)+8-9$	-103764942	P	$(-1*2*(3^4-(5-6)-7^8))^9$
-96468911	G	$-1-23^4(5+6)-7+8+9$	-103764945	P	$(-1*2*(3^4+5/6-7^8))^9$
-96469062	G	$-1-23^4(5+6)-7+8+9$	-103764975	P	$(-1*2*(3^4-5/6-7^8))^9$
-96469080	G	$-1-23^4(5+6)-7-8-9$	-103764978	P	$(-1*2*(3^4+5-6-7^8))^9$
-96469089	G	$-1-23^4(5+6)-7-8-9$	-103765158	P	$(-1*2*(3^4-(5+6)-7^8))^9$
-96469171	P	$(-1+23*(4^5(5+6)+7)+8)-9$	-103765740	G	$1*2*(345-6-7^8*9)$
-96547218	G	$-1-2-345*(6^7-89)$	-103765964	G	$1*2*(3+4^5*6-7^8*9)$
-96550279	G	$(-1-(2-34^5*(6+(7/8-9))))$	-103765976	P	$(-1*2*(3^4+5+6+7^8))^9$
-96577906	G	$-1-2-345/6^7+8+9$	-103766124	G	$-1-(2-3*(45-6*(7^8-9)))$
-96875793	G	$(-1*(2-((3-4)/5)^6/7^8-8))^9$	-103766136	G	$1*2*(3^4*5+6-7^8*9)$
-97044483	G	$-1-2+(3^4)^5*6*(7^8+9)$	-103766259	G	$-1-(2-3*(45-6*(7^8+9)))$
-97140578	P	$(-1-(2-345)^*(6^7+8))-9$	-103766334	G	$-1*2*(3-(4+5-6-7^8))^9$
-97168676	G	$-1+(-2-345)^*(6^7+89)$	-103766860	G	$1*2*(3-4^5*6-7^8*9)$
-97343750	G	$(1*(2-3^4)^5+6)^*7^8*9$	-103767324	G	$1*2*(3-456-7^8*9)$
-97435961	G	$-1-(2+3)^*(4+(5+6)^7+8+9)$	-103767462	G	$(-1-2*(345/6+7^8))^9$
-97515625	G	$(1*(2-3^4)^5+6)^*(7+8+9)$	-103767678	G	$(-1*2*(3^4-(5+6)+7^8))^9$
-98001773	G	$-1-2-(3+4^5-6)^*(7^8+9)$	-103767858	G	$(-1*2*(3^4+5-6+7^8))^9$
-98718759	P	$(-1+2)*(-3^4*5^6*7+8+9)$	-103767861	G	$(-1*2*(3^4-5/6+7^8))^9$
-99111735	P	$(-1*2^-(3+4+5)^6+7^8)^9$	-103767894	G	$(-1*2*(3^4+5/6+7^8))^9$
-99609376	G	$-1-(2*3+45)/(6+7-8)^9$	-103767894	G	$(-1*2*(3^4-(5-6)+7^8))^9$
-99659002	G	$-1*2*3-4*(5+6^7)^8*9$	-103768074	G	$(-1*2*(3^4+5+6+7^8))^9$
-99659005	G	$(-1-2)*3+4*(-5-6^7)^8*9$	-103768416	G	$(-1*2*(3^4+5^6+7^8))^9$
-99659020	G	$-1-(23+4*(5+6^7)^8)^9$	-103768884	G	$(-1*2*(3^4+5+6+7^8))^9$
-99984217	G	$1*(2-3^4/5^6-6)^*(7+8^9)$	-103769466	G	$-1-2-3*(4^5+6*(7^8-9))$
-99984378	G	$-1-2-3^4*5^6*(7+8^9)$	-103769502	G	$-1-(2+3*(4^5-6*(7^8+9)))$
-99984533	P	$(-1*2-3^4/5^6-6)^*(-7-8^9)$	-103770226	P	$(-1*2*(3^4+5+6+7^8))^9$
-100307433	G	$(1*2-3/45)^*(6-7^8)^9$	-103770793	G	$-1+2*(-3^4(4-5+6)-7^8)^9$
-100391418	P	$(-1*2*(3^4*5^6-7^8))^9$	-103784940	G	$(1*(-2-(3+4)^5-6*(7^8))^9)$
-100442136	G	$-1-(2+3*(4+5)^6*7-8)^9$	-104046210	P	$(-1*2*(3^4-5^6-7^8))^9$
-100442355	G	$((1-2-3^4(4+5+6))^7-8)+9$	-104049126	G	$(-1*2*(3^4+5^6+7^8))^9$
-100442568	G	$-1-2-3*(4+5)^6*7+8^9$	-104857545	G	$-1+(2^3+4^4(5+6))^7-8^9$
-100663005	G	$-1-2-3/4^5(-5^6*7+8^9)$	-104857582	G	$-1-(2-(3+4)^5(5+6))^7+8^9$
-100663252	G	$-1-2-(3/4^4(-5-6)-7)^8-9$	-104857643	P	$(-1+(2^3-4^4(5+6))^7)-8^9$
-100663274	G	$-1+23-4^4(5+6)^*(7+8+9)$	-105468533	P	$1+2*3*(-4+5^6(-6-7)+8))^9$

-105468965	P	$1-2^*-3^*(-4-5^{\wedge}(-(-6-7)+8))^*9$	-121060635	P	$-1-2-3^*(-4+5+6)^*(-(-7^{\wedge}8+9))$
-105735168	P	$(-1^*2^*-((-3-4)/5^{\wedge}-6-7^{\wedge}8))^*9$	-121060764	G	$-1-(2-3^*(4^*5-(-6-(7-8))^{\wedge}9))$
-107141418	G	$(-1^*2^*(3^*4^*5^{\wedge}6+7^{\wedge}8))^*9$	-121060959	G	$-1-(2+3^*(45+(6-(7-8))^{\wedge}9))$
-107374245	G	$-1-2^{\wedge}3-4/5^*(67+8^{\wedge}9)$	-122425347	G	$-1-2+(3^*4)^{\wedge}5^*6^*(7-89)$
-107458943	P	$1-23^{\wedge}4^*(-5^*(67+8)-9)$	-122611969	G	$-1-(2^*34+5)^*6^{\wedge}(7-(8-9))$
-107494995	G	$-1-(2+(3+45)^*(6^{\wedge}7^*8-9))$	-122827113	G	$-1-(2-(3/45)^{\wedge}-6+7+8^{\wedge}9)$
-107495857	G	$1-2-(3+45)^*(6^{\wedge}7^*8+9)$	-123046893	P	$(-1^*2+(-3-4)/5^{\wedge}-(-6+7+8))^*9$
-107495859	G	$-1-2-(3+45)^*(6^{\wedge}7^*8+9)$	-123057454	P	$-1-(-2+3^*-(-4+5)^{\wedge}6)^*7-8^{\wedge}9$
-107495931	G	$-1-2+((3^*4)^{\wedge}5^*6+7)^*-8^*9$	-123281250	G	$(1^*2-3^*4)/(5^{\wedge}-6/789)$
-108527615	G	$1-23/4^{\wedge}(5-6-7)^*8^*9$	-123409880	G	$1-23^{\wedge}4^*56^*7/8^*9$
-109051863	G	$-1+2^*3^*(4^{\wedge}(5+6)+7)-8^{\wedge}9$	-124256259	G	$-1-2-3/4^{\wedge}(-5-6)^*(7/8+9)$
-109051922	G	$-1-(2^{\wedge}(3+4^*5)^*(6+7)+8)-9$	-124291585	G	$-1+(2-3^{\wedge}4+5)/6^{\wedge}(-7+8-9)$
-109355626	G	$-1-(2+3)^{\wedge}4^*(5/(6^{\wedge}-7^*8)+9)$	-124500000	P	$(-1^*(-2-3^{\wedge}4)^*5^{\wedge}6)^*(-7+89)$
-109401631	G	$1-2/(3^{\wedge}4+5)^{\wedge}(6+7-8-9)$	-124519545	G	$(1+2-3^*4/5^*(6+7^{\wedge}8))^*9$
-109454979	G	$-1-2+(-3-4^*5)^*6^{\wedge}7^*(8+9)$	-124557102	P	$(-1^*2^*3^{\wedge}4-5/-6^{\wedge}-7)^*89$
-109457024	G	$-1-23^*(4+(5+6^{\wedge}7)^*(8+9))$	-124571170	G	$-1^*2^*3+(4-5^*6^{\wedge}7)^*89$
-109531619	G	$-1-(23+4)^*(-5^*6-7^{\wedge}8+9)$	-124571535	G	$-1-2-3^*4-5^*6^{\wedge}7^*89$
-109687500	G	$(1^*(2-3^{\wedge}4)^*5^{\wedge}6)^*78^*9$	-124571601	G	$(-1+2)^*-3^{\wedge}4-5^*6^{\wedge}7^*89$
-109810158	G	$(1^*(2-3^{\wedge}4)^*(5^{\wedge}6-7))^*89$	-124571900	G	$-1-23-(4+5^*6^{\wedge}7)^*89$
-109908592	P	$(-1^*(-2+3^{\wedge}4)^*(-5^{\wedge}6-7))^*89$	-124578081	P	$(-1+2^{\wedge}3)^{\wedge}4^*5^*6^{\wedge}7^*89$
-110250000	G	$(-1^*(-2-3^*4)^*5^{\wedge}6)^*7^*-8^*9$	-124585938	G	$(-1^*2^*3^{\wedge}4-5/6^{\wedge}-7)^*89$
-110657043	G	$(-1^*(2+((3+4)/5)^{\wedge}-6)/7^{\wedge}-8)^*9$	-124651777	P	$-1+2^*(3^{\wedge}-(-4^*5+6)+7)-8^{\wedge}9$
-111144959	G	$(1+23)^{\wedge}4^*-5^*67-8+9$	-124651805	P	$(-1+2^*(3^{\wedge}-(-4^*5+6)+7))-8^{\wedge}9$
-111144961	P	$((1+23)^{\wedge}4^*5^*67-8)-9$	-124888682	G	$(-1-(2+3)/4)^{\wedge}5^{\wedge}6)^*(7^*8-9)$
-111697655	G	$1-(2/-3+45)^*((6^{\wedge}7+8)^*9)$	-125139603	G	$(-1^*(-2-3^{\wedge}4)^*5^{\wedge}6)^*7-8^{\wedge}9$
-111974403	G	$-1-2-(3^*4)^{\wedge}5^*(-6+7^*8)^*9$	-125577103	G	$(-1^*(2-3^{\wedge}4)^*5^{\wedge}6)^*7-8^{\wedge}9$
-113335604	G	$1-23^{\wedge}4^*(-5+6^*7+8)^*9$	-125822505	G	$1^*23^{\wedge}4^*5^*6-7-8^{\wedge}9$
-113370818	G	$-1+23-45^*(6^{\wedge}7-8)^*9$	-125999928	G	$((-1^*2^{\wedge}(3+4)^*5^{\wedge}6)^*7+8)^*9$
-113370822	G	$(1-2+(3-45^*(6^{\wedge}7-8)))^*9$	-126000009	G	$((1-2^{\wedge}(3+4)/5^{\wedge}-6)^*7-8)^*9$
-113374030	G	$1-23-(45^*6^{\wedge}7-8)^*9$	-126000072	P	$((1^*2^{\wedge}(3+4)^*5^{\wedge}6)^*7+8)^*9$
-113374134	G	$(1-2+(3-45^*6^{\wedge}7-8))^*9$	-126904323	G	$-1-2+(3^*-4)^{\wedge}5^*(6-7^*-8^*9)$
-113377344	P	$(-1+23-45^*(6^{\wedge}7+8)^*9)$	-127998417	G	$-1+2^*(3-(4^*5)^{\wedge}6+789)$
-113379786	G	$-1-((23-45)^{\wedge}6-7^*(8+9))$	-127999293	G	$-1-(-2^*(3-(4^*5)^{\wedge}6)-78^*9)$
-113967722	G	$-1+(2^*3)^{\wedge}4^*5^{\wedge}6+7-8^{\wedge}9$	-127999372	G	$-1-(-2^*(3-(4^*5)^{\wedge}6)-7^*89)$
-113967736	G	$-1+(2^*3)^{\wedge}4/5^{\wedge}-6-7-8^{\wedge}9$	-128000064	P	$1^*2^*(-(3+(4^*5)^{\wedge}6)+7)-8^*9$
-114214229	G	$-1-2^*34^*(5+6^{\wedge}(7-(8-9)))$	-128000082	G	$(-1+2-3)^*(4^*5)^{\wedge}6+7-89$
-114729262	G	$-1+(2^*3)^{\wedge}4+(5+6)^{\wedge}7-8^{\wedge}9$	-128000086	P	$(-1+2^*(3+(4^*5)^{\wedge}6)+7)-8^*9$
-114731854	G	$-1-(2^*3)^{\wedge}4+(5+6)^{\wedge}7-8^{\wedge}9$	-128000618	G	$-1+2^*(3-(4^*5)^{\wedge}6)-7^*89$
-114791763	G	$-1-2+(3^*(4+5)^{\wedge}6+7)^*-8^*9$	-128245761	G	$-1+2^*(3^{\wedge}4)^{\wedge}(5-6+7)-8^{\wedge}9$
-115056985	G	$-1+(2/3+45)^*((-6^{\wedge}7-8)^*9)$	-128245775	P	$-1-2^*(-(3-(-4-5))^{\wedge}6+7)-8^{\wedge}9$
-115295893	G	$-1+(2-3)-4^*5^*(6+7^{\wedge}8)+9$	-128766872	G	$-1+23^*4^*-5^*(6^{\wedge}7-8)+9$
-115295938	G	$-1+23-4^*5^*(6+7^{\wedge}8-9)$	-128766890	G	$-1+23^*4^*-5^*(6^{\wedge}7-8)-9$
-115296050	G	$(1+2+3/(4+5))^*(-6^*7^{\wedge}8-9)$	-129140301	G	$-1-(2+(3^{\wedge}(4+5+6)+7+8)^*9)$
-115296099	G	$1^*2+3-4^*(5^*(6+7^{\wedge}8)-9)$	-129140883	P	$(-1^*2+3^{\wedge}(4+5+6)-78)^*9$
-115296298	G	$-1+23-4^*5^*(6+7^{\wedge}8+9)$	-129708228	G	$-1-2-3^*45/6^*(7^{\wedge}8+9)$
-115296327	G	$1-2^{\wedge}3-4^*5^*(6+7^{\wedge}8+9)$	-130000000	G	$(1^*2^{\wedge}(3+4)^*5^{\wedge}6)^*(7-8^*9)$
-115296344	G	$(-1-23-4^*5^*(6+7^{\wedge}8+9))$	-130056191	G	$(1+23)^{\wedge}4^*-56^*7-8+9$
-115370166	P	$(-1^*(-2-3^{\wedge}4)^*(-5^{\wedge}6-7))^*89$	-130056193	P	$((1+23)^{\wedge}4^*56^*7-8)-9$
-115473584	G	$(-1^*(-2-3^{\wedge}4)^*(-5^{\wedge}6-7))^*89$	-130280228	G	$(1^*(2+34)^*5^{\wedge}6)^*7-8^{\wedge}9$
-115852105	G	$-1-(23^{\wedge}4-5)^*6^*(78-9)$	-130498981	G	$-1-2+34^*5^{\wedge}6^*7-8^{\wedge}9$
-116173424	G	$-1+((-2-3^{\wedge}4)^*5^*6^{\wedge}7+8)+9$	-130717728	G	$1^*2^{\wedge}3^*4^*5^{\wedge}6^*7-8^{\wedge}9$
-116180828	G	$-1-(2+3^{\wedge}4)^*(5/6^{\wedge}-7+89)$	-130858559	G	$-1-2-3^*4^*(5-6^{\wedge}7)-8^{\wedge}9$
-116923011	P	$-1^*2^*3^*(4-(-5+6)^{\wedge}7+8)-9$	-131017740	G	$((1+((2+3)^*4)^{\wedge}5)-6-7-8^{\wedge}9)$
-116923038	G	$-1-2-3/4^*(5+6)^{\wedge}7^*8-9$	-131264603	G	$(1^*(23+4)^*5^{\wedge}6)^*7-8^{\wedge}9$
-117440452	G	$-1-2+(-3-4)^*((56/7)^{\wedge}8-9)$	-131411456	G	$(1^*2^*(3^{\wedge}-4+5)^*6^{\wedge}7-8^{\wedge}9)$
-118500000	G	$(1^*(2-3^{\wedge}4)^*5^{\wedge}6)^*(7+89)$	-131425280	P	$(-1^*2^*-(-3^{\wedge}-4+5))^*6^{\wedge}7-8^{\wedge}9$
-118692867	P	$-1-2+(3^*4)^{\wedge}5^*(-6^*78+9)$	-131437500	G	$-1-2+(3+4/5)^*(6/7^{\wedge}-8-9)$
-120891311	G	$1+23^{\wedge}4^*(5^*6-78)^*9$	-131685344	G	$(1^*2/3^{\wedge}-4)^*(5^{\wedge}6+7)-8^{\wedge}9$
-120928897	G	$1-2-(3+45)^*(6^{\wedge}7-8)^*9$	-131687612	G	$(-1^*2/3^{\wedge}-4)^*(-5^{\wedge}6+7)-8^{\wedge}9$
-120930298	P	$-1^*2^*-(-3+4^*5-6^{\wedge}(-7+8+9))$	-131978195	G	$-1+2^*(3+4^*(5+6^{\wedge}7))-8^{\wedge}9$
-120930310	P	$1^*2^*-(-3-(4^*5-6^{\wedge}(-7+8+9)))$	-132030228	G	$(1^*(-2-3)^*4^*-5^{\wedge}6)^*7-8^{\wedge}9$
-120932256	P	$1^*2^*(3+45-6^{\wedge}(-7-8-9))$	-132139603	G	$(1^*(23-4)^*5^{\wedge}6)^*7-8^{\wedge}9$
-120932318	P	$(-1^*2)^*-(-3^*4+5-6^{\wedge}(-7+8+9))$	-132590125	G	$-1-23^*(4^*(5-6)+(7^{\wedge}8-9))$
-120932338	G	$(1^*2)^*(3^*4+5-6^{\wedge}(-7+8+9))$	-132590254	P	$(-1+23^*(4-(5+6-7^{\wedge}8)))^*9$
-120932366	P	$(-1^*2)^*(-3^*4+5-6^{\wedge}(-7+8+9))$	-132590272	P	$(-1+23^*(4-(5+6-7^{\wedge}8)))^*9$
-120932386	G	$(-1^*2)^*(3^*4+5+6^{\wedge}(-7+8+9))$	-132590318	G	$-1+23^*(4-(5-(6-7^{\wedge}8)))^*9$
-120932623	G	$-1-2^*3^*(45+6^{\wedge}7^*8+9)$	-132590323	G	$-1-23^*(4+(-5+6)^*7^*8)+9$
-120934394	G	$1^*2^*(3-(4^*5+6^{\wedge}(-7+8+9)))$	-132590410	P	$(-1-23^*(4-(5)^{\wedge}6-7^{\wedge}8))^*9$
-120934406	G	$-1^*2^*(3+4^*5+6^{\wedge}(-7+8+9))$	-132590765	G	$1+2+(-3-4^*5)^*(6+7^{\wedge}8+9)$
-120941064	G	$(-1+2^*3^*(-4^*5-6^{\wedge}7))^*8^*9$	-132590792	G	$-1+23^*(4-(5+6)-7^{\wedge}8-9)$

-132591606	P	$-(1+23*(45+6+7^8))-9$	-134174882	P	$-(1+(23-4^5*6)*7)-8^9$
-132591643	G	$-1+23*(-4*(5+6)-7^8-9)$	-134186324	P	$-(1-2*(3^4+5^6)+7)-8^9$
-132614045	G	$-1+23*(-4^5+6-7^8-9)$	-134186648	P	$-(1+2*(3^4-5^6)+7)-8^9$
-132623429	P	$-1-(2+3*(-(4+5)^6+7))-8^9$	-134196101	G	$-1-(2-3*(4^5+6)*7)-8^9$
-132686478	G	$(1*(2+3^4)*5^6)*7-8^9$	-134199276	G	$1-2+3*(4^5*6+7)-8^9$
-132724744	P	$-(1-(2^3+4)^5*6+7)-8^9$	-134200716	G	$1*2+3^4*5*6*7-8^9$
-132724746	G	$-1-(2-(3^4)^5*6+7)-8^9$	-134200801	G	$-1+((2^3)^4+5^6)+7-8^9$
-132811887	G	$1-2*34*(5^6+7+8)-9$	-134202144	P	$(-1+2)*-(3^4-5^6+7+8^9)$
-132812482	G	$-1*2*(34*5^6+7+8)-9$	-134202191	P	$(-1+2)*-(3^4-5^6+7)-8^9$
-132812492	G	$-1-2*34*5^6+7+8+9$	-134203657	G	$(-1+2345)^6+7-8^9$
-132812510	G	$-1-2*34*5^6+7+8-9$	-134204673	G	$(-1+234)*56+7-8^9$
-132812518	G	$-1*2*(34*5^6+7+8+9)$	-134207198	G	$(1*2*3^4)*5*(6+7)-8^9$
-132813111	G	$1-2*34*(5^6+7+8+9)$	-134207209	G	$(1*2*3^4-5)*67-8^9$
-132952112	G	$-1*2+3^4*5^6+7-8^9$	-134207544	G	$(1*2*(3^4-5))*67-8^9$
-132967721	G	$(1-2+3^4)*5^6+7-8^9$	-134207689	G	$(-1+23)*456+7-8^9$
-132983346	G	$(-1*2+3^4)*5^6+7-8^9$	-134208650	G	$-1+((2^3)^4+5^6)*7-8^9$
-133123978	G	$(-1*(2-3^4)*5^6)*7-8^9$	-134208705	G	$(-1+2*3^4)*56+7-8^9$
-133222399	P	$1-(-(2/3^4)^5+6+7)/8^9-9$	-134208802	G	$-1-(2-(3+4/5^6)/7+8^9)$
-133233353	P	$(1*(-(2-3)+4)*5^6)*7-8^9$	-134210608	G	$(-1*2)*3+(4^5-6)*7-8^9$
-133342771	G	$-1+2*(3-4*5^6)*7-8^9$	-134211134	G	$(1*2*3^4-5)*6*7-8^9$
-133377896	G	$-1-(2-3*(4+5+6^7))-8^9$	-134211236	G	$-1+(2^3)^4*5+6+7-8^9$
-133482897	G	$-1+(2^3)^4*567-8^9$	-134211250	G	$-1+(2^3)^4*5+6-(7+8^9)$
-133634676	G	$(1-2-3^4(4+5))*6789$	-134211719	P	$-(1-2*(3^4*5-67))-8^9$
-133686488	G	$-1-2+34*5^6+7-8^9$	-134212944	P	$-(1-(-2-3)*(-4^5+67))-8^9$
-133688963	G	$-1-(2+(-3^4)^5-6^7+8^9)$	-134213857	G	$((1+2*34)*56+7)-8^9$
-133717953	G	$-1+2^3*4*(-5^6+7)-8^9$	-134214002	G	$(1*2*3^4)*5*(6*7)-8^9$
-133720084	P	$-(1+2*((-3^4)^5+6)+7)-8^9$	-134214682	G	$((1-2+3*(4^5-6))-7)-8^9$
-133780252	G	$-1-23-4/-5^6-6^7-8^9$	-134214852	G	$1-2+(3^4*5+6)*7-8^9$
-133889690	G	$-1-(2+3*(4-5^6)*7)-8^9$	-134214932	G	$1+2+(3^4*5-6)*7-8^9$
-133936492	G	$-1+((2^3)^4+5+6^7)-8^9$	-134214936	G	$1-2+(3^4*5-6)*7-8^9$
-133936771	G	$(1-2)*(3-4^5-6^7+8^9)$	-134216451	G	$-1+(2^3)^4-(5+6+7+8^9)$
-133937392	G	$(1-2+3^4)*5+6^7-8^9$	-134216809	G	$(1-2+3)*456+7-8^9$
-133937397	P	$-(1*(2-3^4)*5-6^7)-8^9$	-134216856	G	$(-1+2*3^4)*5+67-8^9$
-133938202	G	$((1-2-3^4)*5+6^7)-8^9$	-134219486	G	$-1-2-3*45*(6+7)-8^9$
-133938207	G	$1*(-2-3^4)*5+6^7-8^9$	-134219941	G	$-1-2-34*5*(6+7)-8^9$
-133938208	P	$-(1-(-2-3^4)*5-6^7)-8^9$	-134220177	G	$1-2-34*(5+67)-8^9$
-133938597	G	$((1-2*3^4)*5+6^7-8^9)$	-134220347	G	$1-2-(34*(5+6)*7+8^9)$
-133938602	G	$(-1*2/3^4)*5+6^7-8^9$	-134220518	G	$1+2-(3^4*5-6)*7-8^9$
-133939084	G	$-1-((-2^3)^4-5-6^7+8^9)$	-134220606	G	$1-2-(3^4*5+6)*7-8^9$
-133939094	G	$-1-((2^3)^4+5-6^7)-8^9$	-134220870	G	$-1-2-3^4*5-67-8^9$
-133944358	P	$-((1+2^3)^4+5-6^7)-8^9$	-134221700	G	$-1-(2+(3+4)*567)-8^9$
-133961852	G	$-1-(2-3^4(4+5)*6+7+8^9)$	-134221941	P	$-(1+234*(5+(6+7)))-8^9$
-133968857	G	$-1-2+(3^4)^5+6*7-8^9$	-134222370	P	$-(1+(2+3^4)*56)+7-8^9$
-133968910	G	$((1-2+3^4)^5)-6^7-8^9$	-134222581	G	$(1*2*3^4)*5*6+7-8^9$
-133968912	G	$-1-(2-(3^4)^5+6+7+8^9)$	-134222807	G	$-1-(2+3)/4^5+6*(7-8^9)$
-133968941	G	$-1-2+(3^4)^5-6*7-8^9$	-134222850	G	$(1+(2-3^4)*5)*(6+7)-8^9$
-133968966	G	$-1-(2-(3^4)^5+6+7+8^9)$	-134224004	P	$-(1+(23+4^5)*6)+7-8^9$
-133997844	G	$(1*2*(3^4+5^6))*7-8^9$	-134224210	G	$-1-(2^3)^4*5+6-(7+8^9)$
-134000112	G	$(-1*2*(3^4-5^6))*7-8^9$	-134224212	P	$-((1+2^3)^4-(5+6)*7)-8^9$
-134030309	G	$(1+2)+3^4*(5^6-7)-8^9$	-134224222	G	$-1-((2^3)^4*5+6+7)-8^9$
-134079976	P	$-(1-(2+3^4(4+5)-6)*7)-8^9$	-134224293	P	$-((1+2^3)^4+5+6)+7-8^9$
-134079992	G	$-1-2+(3^4(4+5)-6)*7-8^9$	-134226808	G	$-1-((2^3)^4-5+6)*7-8^9$
-134086634	G	$-1+23+((4^5-5+6)-7)/8^9-9$	-134226876	P	$1-(-(-2^3)^4-5+6)*7-8^9$
-134092667	G	$-1+2*(3+4*(5^6+7))-8^9$	-134227808	G	$(1+234+5)*6*7-8^9$
-134092730	P	$-(1-2*(3-4*5^6)+7)-8^9$	-134227912	G	$(-1*2*(3^4-5))*67-8^9$
-134092779	G	$-1+2*(3-4*(5^6+7))-8^9$	-134228247	G	$(-1*2*3^4+5)*67-8^9$
-134094855	G	$(1*2^3)^4*5*6-7-8^9$	-134228258	P	$(1*2*3^4)*5*(6+7)-8^9$
-134099643	G	$((1-(2-3^4(4+5)))*6-7)-8^9$	-134229691	G	$(1-2^3)^4*5+6*7-8^9$
-134104257	G	$(1*2^3)^4+5^6*7-8^9$	-134229746	P	$-((1-2^3)^4*5+6+7)-8^9$
-134108284	P	$-(1-(2*3+4+5^6)*7)-8^9$	-134233394	G	$(1-2)*(34+5^6+7)-8^9$
-134108385	G	$1*2-34+5^6*7-8^9$	-134233441	G	$(1-2)*(3^4+5^6+7)-8^9$
-134108440	G	$-1-2-(3^4-5^6)*7-8^9$	-134234643	G	$-1-((2^3)^4+5^6)+7-8^9$
-134109487	G	$(-1*2*3^4+5^6)*7-8^9$	-134234657	G	$-1-(2^3)^4-(5^6+7)-8^9$
-134143999	G	$1-2^3(3^4)*(-5-6-7)-8^9$	-134234736	G	$1*2-3^4*5*6*7-8^9$
-134155250	G	$1*2*3-4*(-5^6+7)-8^9$	-134236140	G	$1-2-3*(4^5*6-7)-8^9$
-134155259	P	$(-1+2)*-(3-(-4*(-5^6+7)-8^9))$	-134237453	G	$(1-2)*(3^4(4+5)+6*7+8^9)$
-134164493	P	$(-1+2^3-((3+4)-5))*(-6-7)-8^9$	-134238275	G	$(-1*2^3(3^4))*5-67-8^9$
-134168579	G	$-1-2-3*(4/(5-6))^7-8^9$	-134238467	G	$-1+(-2-(3^4)^5(5+6+7))-8^9$
-134170823	G	$-1-(2-3*(4+5^6+7)+8^9)$	-134239109	G	$-1-(2+3*(4^5-6)*7)-8^9$
-134174702	G	$-1-2+((3+4^5*6)*7-8^9)$	-134241136	G	$-1-23*(4^5-6)+7-8^9$

-134241348	G	$-1-23^4 4^5-67-8^9$	-135057512	G	$-1-(2-3^*(4+5-6^7))-8^9$
-134248824	P	$-(1-2^*(3^4-5^6)+7)-8^9$	-135135275	G	$-1-(2^{\wedge}(3^4+5)+6)^7-8^9$
-134248835	G	$-1-(2-(3^4)^5+6^7)-8^9$	-135202103	G	$(-1^*((2+3)+4)^5^6)^7-8^9$
-134248897	G	$-1+2^*(34-5^6+7)-8^9$	-135311478	G	$(1^*(2-3^4)^5^6)^7-8^9$
-134248999	G	$((-1^2)^*(3+4+5^6)-7)-8^9$	-135389075	P	$-(1-23)^4 5^6-67-8^9$
-134249148	P	$-(1+2^*(3^4+5^6)+7)-8^9$	-135483346	G	$(-1+2)^*(3^4-5^6+7)-8^9$
-134257100	P	$-(1+2^*(3^{\wedge}(4+5)+6)+7)-8^9$	-135483360	P	$(-1+2)^*(3^4 5^6+7+8^9)$
-134257114	P	$-(1+2^*(3^{\wedge}(4+5)+6)+7)-8^9$	-135514596	G	$(-1^2-3^4)^5^6+7-8^9$
-134257667	G	$-1-2-3^4 5^6*(6+7)-8^9$	-135514610	P	$-(1^*(-2-3^4)^5-6^7+8^9)$
-134264573	G	$-1-(2-3^*(4-5^6+7)+8^9)$	-135536356	G	$-1+(2-3^{\wedge}(4+5))^6 7-8^9$
-134264611	P	$-(1-2)-3^*(4-5^6+7)-8^9$	-135613443	P	$-1-2+(3^4)^5^6-(6^7+8^9)$
-134264623	G	$1-2-(3^*(4+5^6)+7)-8^9$	-135616871	P	$(-1+23^4)^5^6+7-8^9$
-134264790	P	$-(1-(-2-3^4)^5 6 7)-8^9$	-135616891	G	$-1^2 3^4 5^6+7-8^9$
-134266883	G	$-1-2+3^*(4^*(5-6))^7-8^9$	-135617492	G	$-1-2-3^4-5^6 7-8^9$
-134271998	G	$(-1^2 3^4)^5^6 7-8^9$	-135710730	G	$-1-(2+(3^4)^5^6+7+8^9)$
-134280259	G	$-1-23^4 5^6-7-8^9$	-135748978	G	$(-1^2 3^4)^5^6 7-8^9$
-134287878	P	$-(1-(-23-4^5)^6 7)-8^9$	-135812075	G	$-1-(2+3^*(4+5)^6+7)+8^9$
-134291455	G	$1-2^{\wedge}(3^4)^*(5-6-7)-8^9$	-135876541	P	$-(1+23)^4 5^6+7-8^9$
-134311027	P	$-1+2^*(-(3-4-5)^6+7)-8^9$	-135896757	P	$(-1+23^4-5)^6 7-8^9$
-134311510	P	$-1+2^*(3^{\wedge}(4+5^6)+7)-8^9$	-136048170	P	$-1-2+3^4*(5-6-7)^8+9$
-134323007	G	$(1^2 3^4)^5-6^7-8^9$	-136048488	G	$1+2+3^4*(5-6^{\wedge}(7-8+9))$
-134327034	P	$-(1-(2^*3+4-5^6)^7)-8^9$	-136048492	G	$1-2+3^4*(5-6^{\wedge}(7-8+9))$
-134327057	G	$-1-(2-(3+4-5^6)^7+8^9)$	-136049298	G	$1+2-3^4*(5+6^{\wedge}(7-8+9))$
-134327190	G	$-1-2-(3^4+5^6)^7-8^9$	-136049302	G	$1-2-3^4*(5+6^{\wedge}(7-8+9))$
-134328237	G	$(-1^2 3^4)^5^6 7-8^9$	-136049628	G	$-1-(2+3^4*(5-6-7)^8+9)$
-134328742	P	$-(1-(-234-5^6)^7)-8^9$	-136216833	G	$-1+2^{\wedge}(3+4)^*(5-6^7+8^9)$
-134335839	G	$((1-(2+3^{\wedge}(4+5)))^6-7)-8^9$	-136281250	G	$(-1^*(2+3^4)^5^6)^7 8^9$
-134342667	P	$-1+2^*(3-4^*(5-6+7))-8^9$	-136295853	G	$(-1^*(23-4)^5^6)^7-8^9$
-134342721	P	$-(1+2^*(3+4^5 6-7))-8^9$	-136405228	G	$(-1^*(2+3)^4 5^6)^7-8^9$
-134355554	G	$-1-2-(3^{\wedge}(4+5)+6)^7-8^9$	-136410126	G	$1-2-(3+4)^*(5+6)^7+8^9$
-134368743	G	$-1-2-3^4 5^6-7-8^9$	-136410128	G	$-1-2-(3+4)^*(5+6)^7+8^9$
-134368880	P	$(-1+2-(3^4)^5*(5-6^{\wedge}(7-(8-9))))$	-136410270	G	$1-2-(3+4)^*(5+6)^7-8^9$
-134369391	G	$-1-2-3^4*(5/6^{\wedge}-7^8+9)$	-136410272	G	$-1-2-(3+4)^*(5+6)^7-8^9$
-134377728	P	$-(1^*(-2-3)^4)^5(6+7)-8^9$	-136410319	G	$-1-(2+(3+4)^*(5+6)^7+8^9)$
-134423419	G	$-1-(2-3^*(4^5)^6 7-8^9)$	-136410823	G	$-1-2-(3+4)^*(5+6)^7+8^9$
-134435344	P	$(-1^2 3^4)^5^6 7-8^9$	-136457171	G	$-1+2^*(3+4)^*(5-6^7)-8^9$
-134437612	G	$(-1^2 3^4)^5^6 7-8^9$	-136747844	P	$(-1^2/3^4)^5^6-7-8^9$
-134447111	G	$(-1^2 3^4)^5^6 7-8^9$	-136748971	G	$-1^2 3^4 5^6+7-8^9$
-134466574	G	$((1-2-(3^4)^5)^6-7-8^9)$	-136748985	P	$(-1^2/3^4)^5^6+7-8^9$
-134466576	G	$-1-(2-(3^4)^5+6+7+8^9)$	-136750112	G	$(-1^2/3^4)^5^6+7-8^9$
-134466605	G	$-1-2-(3^4)^5-6^7-8^9$	-136842728	G	$(1^2 3^4)^5^6 7-8^9$
-134466630	G	$-1-(2+(3^4)^5+6+7+8^9)$	-137010176	G	$(-1^2 3^4)^5^6 7-8^9$
-134467616	P	$(1-2+3)^4*(5-6^7)-8^9$	-137024000	G	$(-1^2 3^4)^5^6 7-8^9$
-134473634	P	$-(1+(2+3^{\wedge}(4+5))^*(6+7))-8^9$	-137170853	G	$(-1^*(23+4)^5^6)^7-8^9$
-134493375	P	$-(1+2^*(3^{\wedge}(4+5)+6)^7)-8^9$	-137203715	P	$-1-(2+(3^4)^5-6-7+8^9)$
-134496364	G	$-1+(-2^*3)^4+5-6^7-8^9$	-137406333	P	$-1+2^*3^*(4+5)^6+7-8^9$
-134496374	G	$-1+((-2^*3)^4-5-6^7-8^9)$	-137577023	G	$-1-2-3^4*(5+6^7)-8^9$
-134496643	G	$(1-2)^*(3-4^5+6^7+8^9)$	-137717728	G	$(1^2 3^4)^5^6 7-8^9$
-134497740	G	$(-1+2)^*(3^4+5-6^7-8^9)$	-137873986	G	$-1-234^5 6^7-8^9$
-134498079	G	$1^*(2-3^4)^5-6^7-8^9$	-137936481	G	$-1-2-34^5 6^7-8^9$
-134498474	G	$(-1^2 3^4)^5-6^7-8^9$	-138008451	G	$-1-2+(-34^5)^6 7^8+9$
-134498691	G	$(1-2)^*(3+4^5+6^7+8^9)$	-138155228	G	$(-1^*(2+34)^5^6)^7-8^9$
-134498956	G	$-1-(2^*3)^4+5-6^7-8^9$	-138353863	G	$-1+2^*(3^4*(56-7^8)+9)$
-134498966	G	$-1-((2^*3)^4+5+6^7)-8^9$	-138354995	P	$1-2^*3-4^*(5-6^7+8^9)$
-134504230	P	$-(1+2^{\wedge}3)^4+5+6^7-8^9$	-138355146	G	$1^2 3^4*(4^*(5-6-7^8)-9)$
-134512041	G	$-1+(2/3-4)^*(5+(6-(7-8))^9)$	-138355173	G	$-1^*(2+3-4)^*(5-6^7+8^9)$
-134514595	G	$1-(23-4)/5^{\wedge}-6+7-8^9$	-138355210	G	$(-1+2)^*3+(4^*(5-6/7^{\wedge}-8)-9)$
-134518144	G	$(1^2 3^4)^5-6^7+8^9$	-138355344	P	$(-1-23)^*(4/(5-6)-7^8-9)$
-134545940	G	$-1-(2-3^*(4-5^6)^7)-8^9$	-138355398	G	$-1+2+3^4*(5-6^*(7^8+9))$
-134576851	G	$-1+23^*(4-5^6+7)-8^9$	-138355435	G	$1+2^*3^*(4^*(5+6+7^8)-9)$
-134610947	G	$-1-2-(3^4-5-(6-7))^8+9$	-138355705	P	$-1+2^*3^4*(5+6-(7^8-9))$
-134631114	G	$-1-((2+3+4)^5+6)^7-8^9$	-138355954	G	$-1+2^*3^4*(5-6^7+8^9)$
-134639596	G	$(-1^2 3^4)^5+6+7-8^9$	-138848815	G	$-1-(2-3^4 5)^*(6^7+8-9)$
-134655206	P	$-(1-2+(-3-4^5-5^6)^7)-8^9$	-139984896	G	$(-1-23)/(4^{\wedge}(5-6-7)/89)$
-134715388	P	$-(1-2^*(3^4)^5+6+7)-8^9$	-140189683	P	$-1+2^*(-(3-(4-5))^6+7)-8^9$
-134715412	P	$-(1+2^*(3^4)^5+6+7)-8^9$	-141087710	G	$1-2+(3+4)^*(5-6^7+8^9)$
-134738235	G	$-1+2^*(3^{\wedge}(4+5)-6^7)-8^9$	-141087712	G	$-1-2+(3+4)^*(5-6^7+8^9)$
-134746499	G	$-1-2-(3^4)^5-(6^7+8^9)$	-141655228	G	$(-1^2)^*34^5 6^7-8^9$
-134748988	G	$-1-2-34^5 6^7-8^9$	-141749911	G	$(-1^*(2^*3)^4 5^6)^7+8^9$
-134952561	G	$-1-(2^*3)^4 5^6 7-8^9$	-141749928	G	$-1^*(2^*3)^4 5^6 7+8^9$

-141749983	G	$-1*(2*3)^4*5^6*7+8+9$	-155646394	G	$1-2+3*(4^5+(6-7^8)^9)$
-141750010	G	$-1-2*3^4*5^6*7*8-9$	-155646718	G	$1-2+3*(4^5+(-6-7^8)^9)$
-141750018	P	$(-1*2)*-(3^4*5^6*-7*8-9)$	-155648440	G	$1-2+3*(-4*(-5-6)-7^8)^9$
-141750072	G	$(-1*(2*3)^4*5^6)*7-8*9$	-155649319	P	$1-2-3*(-4-(-5-(6-7^8))^9)$
-141750089	G	$1*(2*3)^4*-5^6*7-8-9$	-155649333	G	$-1-(2-3*(45+(6-7^8)^9))$
-141750090	G	$-1+(2*3)^4/-5^6*7-8-9$	-155649670	G	$1*2-3*(4+5+6+7^8)^9$
-142292106	G	$(-1*(-2-3/4)*(5^6-7^8))^9$	-155652540	G	$-1-(2+3*(4^5-(6-7^8)^9))$
-142578126	G	$-1-(2*3+5)/(6+7-8)^9$	-155661942	G	$-1-(2+3*(45+7^8)^9)$
-142606093	G	$-1+2*(3+(-4^(5+6)+7)*(8+9))$	-155897108	G	$-1-2+(34-(5+6)^7)^8-9$
-142606356	G	$-1*2*(3+4^(5+6)+7)-8^9$	-155897652	G	$-1-2-(34+(5+6)^7)^8-9$
-142858353	G	$(1*(2-3^4)*5^6)*7-8^9$	-155998848	P	$-(1*2^(3+4))*(5^6*78-9)$
-143077103	P	$(-1+2)*-(3^4*5^6*7+8^9)$	-156000009	G	$(-1*2^(3+4)/5^6)*78-9$
-143290367	G	$1+2^(3+4+5)*(-6^7/8+9)$	-156001152	P	$-(1*2^(3+4))*(5^6*78+9)$
-143295853	P	$(-1*(-2-3^4)*5^6)*7-8^9$	-156071613	G	$-1-2-3*(4+(5^6+7^8))^9$
-143306742	G	$1-2^(3*4)*(-5+6^7/8)+9$	-156710961	G	$-1+23^4*56*(7-(8+9))$
-143306760	G	$1-2*(3*4)*(-5+6^7/8)-9$	-156998985	G	$1*2*(3/45)^(6-7+8)^9$
-143347702	G	$1+2^(3*4)*(-5-6^7/8)+9$	-157044097	G	$-1-(2+(-3-4)^5)/(6^7-(-8-9))$
-143347720	G	$1+2^(3*4)*(-5-6^7/8)-9$	-157500000	G	$(1*(-2-3)^4*5^6)*7*8*9$
-143364095	G	$1-2^(3+4+5)*(6^7/8+9)$	-157830323	G	$1-23^4*((5/6+7)^8*9)$
-143437500	G	$-1*2*3^4*5^6*(7+8)^9$	-158000000	G	$(-1*2^(3+4)*5^6)*(7+8^9)$
-143489073	G	$-1-(2-3^(4+5+6)*(7-(8+9)))$	-158669846	G	$1+23^4*567/(8-9)$
-143489091	G	$-1+(2+3^(4+(5+6)))*(7-(8+9))$	-158669864	P	$-(1*23)^4*567-8-9$
-143783652	P	$1*2*(-3^4-(-4*5+6)+7)-8^9$	-159608354	P	$-(1+(2+3)^(4+5))*(6+7)))-8^9$
-143783680	P	$-1*2*(3^4-(-4*5+6)+7)-8^9$	-161414463	P	$(-1-2*3)*(-4*(5-(6-7^8)))-9$
-143935488	G	$(1*2^(3+4)*(-5^6+7))^8*9$	-161414472	G	$-1-(23+4*(5+(6-(7-8))^9))$
-143999496	G	$(-1*2^(3+4)*5^6+7)^8*9$	-161854044	G	$-1-2*(3+4^5)^6+7+8^9$
-144000504	P	$(-1*2^(3+4)*5^6)-7)^8*9$	-161927415	P	$(-1*(2*3)^4*(-5^6+7))^8+9$
-144015491	G	$-1-2+(-3-4)*5^6+7-8^9$	-161927433	P	$(-1*(2*3)^4*(-5^6+7))^8-9$
-144064512	G	$(1*2^(3+4)*5^6+7)^8*9$	-161999927	G	$(1+(2*3)^4*-5^6+7)^8+9$
-144120784	G	$(1+2*3^4)*(-5^6-7^8)-9$	-161999935	G	$(-1*(2*3)^4*5^6+7)^8+9$
-144280228	G	$(-1*23^4/5^6)*7-8^9$	-162072567	G	$(-1*(2*3)^4*(5^6+7))^8+9$
-144531251	G	$-1+(2-3^4+5)*(6+7-8)^9$	-162072585	G	$(-1*(2*3)^4*(5^6+7))^8-9$
-145608363	G	$-1-(2+(3/45)^(6+7+8)^9)$	-162108628	P	$-1*(-2-3^4)*(-5^6-(-6-(-7-8)))-9$
-146800726	G	$-1-(2+3)*(4^5+6)^7+(8+9))$	-162110121	G	$1-(-2-3^4)*(-5^6-(-6-(-7-8)))-9$
-146890625	P	$(1*(-2+3^4)*5^6)*7*(-8+9)$	-162110122	G	$-1*(-2-3^4)*(-5^6-(-6-(-7-8)))-9$
-147002199	G	$-1-2+(3-4+5)*6*(-7^8+9)$	-162922753	G	$-1-(23^4+5)^6*(7-(8-9))$
-147039564	G	$-1-(2+3^4)*(5+6)^(7+8-9)$	-162983613	G	$-1-23^4*(5+6)^(7+8-9)$
-147336071	P	$(-1-23)^4*56-7-8^9$	-163483282	G	$-1-(2*3+5)^6*(7^8+9)$
-148035757	G	$-1-2-(3+4*5)^6+(7+8)^9$	-163577696	G	$-1+(23-4^5+6)^7-8^9$
-148035905	P	$1-2*(-3^4+5)^6-7)-8-9$	-163577801	G	$-1+(2^3-4^5+5+6)^7*8-9$
-148036011	G	$-1-2-((3+4*5)^6+7*(8+9))$	-163577838	G	$-1-(2-(3-4^5+6))^7+8^9$
-148036027	G	$-1-2-(3+4*5)^6-(7+8)^9$	-163577899	P	$-(1+(2*3+4^5+6))^7)-8^9$
-148217728	G	$(-1*2^(3+4)*5^6)*7-8^9$	-164000000	G	$(1*2^(3+4)/5^6)*(7-8-9)$
-149295564	P	$-1+(23+4)^5+6^7*8)^9$	-165129417	P	$(-1+2)*-(3^4+5+6+7^8)^9$
-149478576	G	$1*23^4*(5^6-7^8)/9$	-165941250	P	$(-1*(2+3)^4*(-5^6+7))^8+9$
-149483131	G	$-1+2*3*(4+(5-6^7)^8+9)$	-166068227	G	$-1-2+((3/-4)^5+6-7)/8^9$
-149485771	G	$-1+2*-3*(-4-5+6^7+8-9)$	-166090000	G	$(-1*(2+3)^4*(5^6+7))^8+9$
-149625000	G	$(1*(-23+4)*5^6)*7*8^9$	-166640625	G	$(1*(2-3^4)*5^6*(7+8)^9$
-149888873	P	$(-1+23^4)*5^6+7)-8^9$	-167178797	G	$-1-(2-(34-5)*(6-(7^8-9)))$
-150045428	G	$(1-2*3^4)*(5+6^7+8-9)$	-167178971	P	$-1-2+(-3+4-5^6)*(-7^8+9)$
-150291076	G	$-1*23^4*(5^6+7^8)/9$	-167179223	G	$-1-2-(3-4+5^6)/7^8-8+9$
-150609136	G	$1+(2-3^4/5^6)*7*(8+9)$	-167179319	G	$-1-(2+(-34+5)^6*(6-7^8-9))$
-150609612	G	$1-(2-3^4/-5^6)*7*(8+9)$	-167698504	P	$(-1+(2-3^4-(-4*5+6)))^7)-8^9$
-151169763	G	$-1-2-3^4*5*(6^7+8)^9$	-167698518	G	$(1-(2+3^(4^5-6)))^7)-8^9$
-151596931	G	$-1-(2-(3-4^5)*6^7)+8^9$	-167698525	P	$1*((-2-3^4-(-4*5+6))^7)-8^9$
-152344228	G	$-1-((2+3)^(4+5)+6)^7*8-9$	-167999976	P	$1-2-3*((4^5)^6*7/8+9)$
-152797177	P	$(-1+23)^4*56+7-8^9$	-168620169	P	$-1-2+(3/4-5^6)*(-7^8+9)$
-153253377	P	$(-1+(23+45)^6+7)-8^9$	-168963015	G	$-1-((2+(3^4+5)^6)^7+8+9)$
-153562500	G	$(-1*(2+3^4)*5^6)*7*8^9$	-170050177	P	$-1+(2^(3+4)*5^6+7)-8^9$
-153703604	G	$-1+(2*3)^4-((5+6)^7+8^9)$	-171051016	G	$1-(2*3^4)^5+6-7)^8-9$
-153706196	G	$-1-(2*3)^4-((5+6)^7+8^9)$	-171320952	G	$-1-((2+3^4)^5/6+7)*(8+9)$
-154296164	G	$(1*(2-3^4)*5^6*(-6+(7+8)))-9$	-171966527	P	$(-1-2)*3*(4^5-(-5-6)+7)-8^9$
-154297350	G	$-1-((2+3)^(4+5)+6)^7*(8+9)$	-172475280	P	$(-1*(2/-3+4)*5^6*(7^8-9))^9$
-154297586	G	$(1*(2-3^4)*5^6*(-6+(7+8))+9)$	-172664145	G	$-1+23^4-5*(6^7*8-9)$
-154328125	G	$(1*(-2-3^4)*5^6)*7*(8+9)$	-172939890	P	$-1+2^(3*4)-5*(-6^7+8+9)$
-154467722	G	$-1-(2*3)^4*5^6+7-8^9$	-172940205	G	$-1+2^(3*4)-5*6*(7^8+9)$
-154525133	G	$-1-23^4*(5+6^7-8-9))$	-172942744	G	$-1+(2*3)^4-5*6^7/8-9$
-155227863	G	$-1-2+3*(-4+5^6-7^8)^9$	-172943784	G	$-1+2*3^4-5*6*(7^8-9)$
-155483740	P	$(-1+2)+3*(4^5*6-7^8)^9$	-172943788	P	$(-1+23+4)-5*6*(-7^8+9)$
-155599105	P	$-1-(2*3^4)^-(-5-(6-7))-8^9$	-172943806	G	$-1+234-5*6/7^8-8-9$

-172943818	P	$-1+2*3*(4-5*(6-7^8))+9$	-181596816	G	$(-1*(2*3)^4*(5^6-7*8))^*9$
-172943879	P	$1+2*3*(4-5*(6-7^8)-9)$	-182075040	G	$(-1*(2*3)^4*(5^6-(7+8)))^*9$
-172943887	G	$1-2^(3+4)-5*6*(7^8-9)$	-182145025	G	$-1+(2-3^4-4-5)/6^(7-8-9)$
-172943942	G	$-1*2+3^4-5*6*7^8+9$	-182168280	P	$(-1*(2*3)^4*(-5^6+7)+8)^*9$
-172943973	G	$(-1+2)*(3*4-5*(6/7^8-9))$	-182168424	P	$(-1*(2*3)^4*(5^6+7)+8)^*9$
-172944096	G	$1*2*3*(4+5*(6-(7^8+9)))$	-182238336	G	$(-1*(2*3)^4*(5^6+7-8))^*9$
-172944102	G	$(1-2)*(3^4+5*6*7^8-9)$	-182239794	G	$(-1*(2*3)^4*(5^6-7/8))^*9$
-172944158	P	$-1*(2+3^4)-5*(6/7^8-9)$	-182249424	G	$(1-2*3^4*5^6+7)^*8*9$
-172944159	P	$-(1+2+3^4)-5*(6/7^8-9)$	-182250576	G	$(1+2*3^4*5^6+7)^*-8*9$
-172944220	G	$1-2+3^4-5*6*(7^8+9)$	-182260206	G	$(-1*(2*3)^4*(5^6+7/8))^*9$
-172944244	G	$-1+2*3*(-4-5*(6+7^8))-9$	-182261664	G	$(-1*(2*3)^4*(5^6-(7-8)))^*9$
-172944256	G	$-1-(234+5*6*7^8-9)$	-182331576	G	$(-1*(2*3)^4*(5^6+7)+8)^*9$
-172944274	P	$-(1-23)+4-5*6*(7^8+9)$	-182331720	P	$(-1*(2*3)^4*(5^6+7)+8)^*9$
-172944282	P	$-(1-23+4)-5*6*(-7^8-9)$	-182424960	G	$(-1*(2*3)^4*(5^6+7+8))^*9$
-172944319	P	$-(1*23)+4-5*6*(7^8+9)$	-182903184	G	$(-1*(2*3)^4*(5^6+7*8))^*9$
-172944328	P	$-(1+23+4)-5*6*(-7^8-9)$	-183159792	G	$(-1*(2*3)^4*(5^6+78))^*9$
-172944333	G	$-1-2*3^4-5*6*(7^8+9)$	-184953125	G	$(-1*(23-4)/5^6-7)^*8*9$
-172944505	G	$-1+2*3*(-4-5*(6+7^8+9))$	-185597571	G	$-1-2-(34+5)^*6^7*(8+9)$
-172944534	P	$-(1*234)-5*6*(-7^8-9)$	-186779349	G	$(-1*2*3^4)/-5*(6-7^8)+9$
-172944700	G	$-1*(2+3^4)-5*(6*7^8+9)$	-186779367	G	$(-1*2*3^4)/-5*(6-7^8)-9$
-172945056	P	$-1*(2*3)^4-5*6*(-7^8+9)$	-187904916	G	$-1-2+(-3-4)/5*(6+7^8+9)$
-172945282	G	$-1-((2*3)^4-5*(6/7^8-9))$	-188117067	G	$-1-(2+((3+4+5)^6+7+8))^*9$
-172945336	G	$-1-(2*3)^4-5*6/7^8-9$	-188189481	G	$(-1*2/(34^5-5*6)-7^8)^*9$
-172945371	P	$-1*(2+3^4)-5*(6*7^8+9)$	-188316857	G	$-1-(2/3+4)*(5+(6-(7-8)))^9$
-172947856	P	$-(1*2^3(3^4))-5*6*(-7^8+9)$	-188743701	G	$(-1*2-3*4^5(5+6))^*(7+8)+9$
-172948082	P	$-1-2^3(3^4)-5*(6*7^8+9)$	-189000001	G	$-1-2*3^4*5^6*7^8*9$
-172948171	P	$-(1*2^3(3^4))-5*(6*7^8+9)$	-189453126	G	$-1-(23+4^5)/(6+7-8)^9$
-172948397	G	$-1-2^3(3^4)-5*6*(7^8+9)$	-189724440	G	$-1-2-3*(4+5)^6*7*(8+9)$
-173223827	G	$-1-23^4-5*(6*7^8-9)$	-189859860	G	$(-1*2*(3^4(4^5-6)+7^8))^*9$
-173223917	G	$-1-(23^4+5*(6/7^8-9))$	-191103049	G	$-1-2/3*4^5/6^7-8*9$
-173412780	G	$(1*(2/3-4)^*(5^6+7^8))^*9$	-19197630	G	$1+2-3*((4^5)^6-789)$
-173840255	G	$(-1-(2+3^4)+5)^*6^7-8+9$	-191997897	G	$-1-2-3*((4^5)^6-78*9)$
-174400164	G	$1-2+(-3-4)^*(5+6^7*89)$	-191998134	G	$-1-2-3*((4^5)^6-7*89)$
-174400166	G	$-1-2+(-3-4)^*(5+6^7*89)$	-191999796	G	$-1-2-3*((4^5)^6-(78-9))$
-174705573	G	$-1-2-3*((4^5)^6-(7^8+9))$	-191999884	P	$-1-2-3*(4^5)^6-7*(8+9)$
-174705609	G	$-1-2-3*((4^5)^6-7^8)-9$	-191999915	G	$1*(-2-3*(4^5)^6+78+9)$
-174900626	G	$-1-23^4*(5+6)^*7*8+9$	-191999959	P	$(-1-2-3*(-(4^5)^6+7))^*8+9$
-175078125	G	$(-1*(-2-3^4)^*5^6)^*(-7-8)^*9$	-192000210	G	$-1-2-3*((4^5)^6+78-9)$
-175384920	G	$-1-(2+(34+(5+6)^7+8))^*9$	-192001872	G	$-1-2-3*((4^5)^6+7*89)$
-176062271	G	$-1-(2-34^5*(6-(7/8+9)))$	-192002109	G	$-1-2-3*((4^5)^6+78*9)$
-176160858	G	$-1-2*3^4*(5+6)^*7-8-9$	-192679256	G	$-1-(2+3*(4+(5+6)^7)+8^9)$
-176768000	P	$(-1*2*(-3^4+5))^*6^7-8^9$	-193100472	G	$-1+(2-(3^4+5)^6+7)^*8+9$
-177666051	G	$-1-2+(3^4)^5*6^7-8^9$	-193100508	G	$-1-(2+((3-4)^5)^6-7)^*8-9$
-177920256	P	$(-1*2^3(3+4))^*(5^6-7)^*89$	-193144111	P	$-1+2*345*(-(6^7-8)+9)$
-178079744	P	$(-1*2^3(3+4))^*(5^6+7)^*89$	-193150339	G	$-1+2*(-345*(6^7-8)-9)$
-178167680	G	$(-1*2*3^4+5)/6^7-8^9$	-193161350	G	$1+2*345*(-6^7-8)+9$
-178708843	G	$-1-(2-(3-4-5^6)/7^8-9)$	-194369626	G	$-1+(2-3^4)^*5^6-6*(7+8)^9$
-178709113	G	$-1-(2-(3-4-5^6)*7^8+9)$	-194687500	G	$(1*(-2-3)^4/5^6-6)^*7*89$
-178956983	G	$-1-2+(3/-4)^5(5-6)^*(7+8^9)$	-196001027	G	$-1-(2-34*(56-7^8+9))$
-179566550	G	$(1*2*3^4)^*(5-6^7)-8^9$	-196001639	G	$-1-(2-34*(56-(7^8+9)))$
-179568170	G	$(-1*2*3^4)^*(5+6^7)-8^9$	-196002208	G	$-1-2+34*(5^6-7^8)+9$
-179686671	G	$1-23^4*(5^6-6+7+8)-9$	-196002557	G	$-1-(2-34*(5+6-7^8+9))$
-179687492	G	$-1-23^4/5^6(6-7-8)+9$	-196002854	G	$-1-(2-34*(5+6-7^8))+9$
-179687510	G	$-1-23^4/5^6(6-7-8)-9$	-196003169	G	$-1-(2-34*(5+6-(7^8+9)))$
-179688327	G	$1-23^4*(5^6-6+7+8)+9$	-196003194	G	$-1-2-34*(5-(6-7^8))+9$
-180652033	P	$-1-(2-3^4+5)/6^7-(-7+8+9)$	-196003575	P	$1-2-34*(-(5-6-7^8-9))$
-181023375	G	$-1-2+(-3^4(4+5+6)-7^8)^*9$	-196003602	G	$-1-2-34*(5+6+7^8)+9$
-181023390	G	$(-1*2-3^4(4+5+6)-7^8)^*9$	-196004248	G	$-1-(2-34*(-5*6-7^8))+9$
-181336977	P	$-(1+2*3^4)^5(6-7)^*8-9$	-196004266	G	$-1-(2-34*(-5*6-7^8)+9)$
-181339480	P	$1-2+(-3+4^5-5)/6^7-(-7+8+9)$	-196005150	G	$-1-2-34*(5+6+7^8)-9$
-181395453	G	$1+2+3*(4^5-6^6(-7-(8-9)))$	-196323717	G	$-1-2-((3^4)^5-6)^*7*89$
-181395457	G	$1-2+3*(4^5-6^6(-7-(8-9)))$	-197132194	P	$(1-2+3-4^5(5+6))^*(-7*8+9)$
-181395459	G	$-1-2+3*(4^5-6^6(-7-(8-9)))$	-198217759	P	$-1-23-((4^5)^6+7)-8^9$
-181398390	P	$1+2-3*(45-6^6(-7-8)+9)$	-198885327	G	$-1-2+(3/4+5)^*6*(-7^8+9)$
-181398394	P	$1-2-3*(45-6^6(-7-8)+9)$	-200502513	P	$(-1*(-2^3+4)^*(5^6-7^8))^*9$
-181398567	G	$(1+(2/-3+(-4-5)/6^7)^*8)^*9$	-201056256	G	$(1*2*(3^4-4+5))^*6^7*8*9$
-181398736	G	$-1-(23+(4+5)^*6^7*8)^*9$	-201179294	G	$(1*2*3^4(4^5-6))^*-7-8^9$
-181401597	G	$1+2-3*(4^5+6^6(-7+(8+9)))$	-201326203	G	$-1-2*3*(4^5(5+6)-7)^*8-9$
-181401603	G	$-1-2-3*(4^5+6^6(-7+(8+9)))$	-201326239	P	$-1+2*(3*(4^5-6)+7)^*8+9$
-181457578	P	$1-2+(-3-4^5)/6^7-(-7+8+9)$	-201326609	G	$1-2*(3^4(5/(6/(7+8))))+9$

-201326911	G	$-1-2*(3*(4^(5+6)+7)*8-9)$	-226743138	G	$(-1*2*3^4)*5*(6^7-8)+9$
-201542256	G	$(1*2*(3^4-5/6^7-7))*8*9$	-226745406	G	$(-1*2*3^4)*5*(6^7-8-9)$
-201552462	G	$(1*2*(3^4-5*6^7*8))*9$	-226746855	G	$(1*2*3^4)*(-5*6^7+8)+9$
-201554491	G	$-1+2*(3+(-4-5/6^7-7))*8*9$	-226746873	G	$(-1*2*3^4)*5*(6^7-8)-9$
-201555378	G	$(-1*2*(3^4+5*6^7*8))*9$	-226747350	P	$(1*2*3^4)*5*(-6^7+8-9)$
-201565584	G	$(1*2*(3^4-5/-6^7-7))*-8*9$	-226747998	G	$(-1*2*3^4)*5*(6^7+8-9)$
-201767802	G	$-1+234-5*(6-7+8)^9$	-226748322	G	$(1*2/3^4-4)*(-5*6^7+8-9)$
-201768116	G	$((1-2)*3^4-5*(6-(7-8)))^9$	-226748970	P	$(1*2*3^4)*5*(-6^7-(8-9))$
-201768154	G	$(1+2*3)*(4-5*(6+7^8)+9)$	-226749447	G	$(-1*2*3^4)*5*(6^7+8)+9$
-201768270	G	$-1-234-5*(6-7+8)^9$	-226749465	G	$(-1*2*3^4)*5*(6^7+8)-9$
-201768311	G	$-1-2-(3+4)*5*(6+7^8)+9$	-226750914	G	$(1*2*3^4)*5*(6^7-8-9)$
-201768563	G	$-1-2+(-3-4)*5*(6+7^8+9)$	-226753182	G	$(-1*2*3^4)*5*(6^7+8)-9$
-201769332	G	$-1-((2*3)^4+5/(6-(7-8)))^9$	-226754631	P	$(1*2*3^4)*5*(-6^7+8)+9$
-202051584	G	$(1*2*(3^4-4+5))*6^7*8*9$	-226754649	G	$(1*2*3^4)*5*(-6^7-8)-9$
-203793044	G	$(1-23*4)*(5+6^7*8-9)$	-226756098	G	$(-1*2*3^4)*5*(6^7+8)+9$
-204750009	G	$(-1*234*5^6)*7*8-9$	-226761930	P	$(1*2*3^4)*5*(-6^7-(8-9))$
-205857025	P	$-1-(23*4)^-(-5-(6-7))-8^9$	-226762578	G	$(-1*2*3^4)*5*(6^7+8+9)$
-206032899	G	$-1-(2+(3+4+5))^6*(78-9))$	-226820250	G	$(-1*2*3^4)*5*(6^7+8+9)$
-207470313	G	$1*23+4*(5^6-7^8*9)$	-228427779	G	$-1-2-(3+45)*6^7*(8+9)$
-207470331	G	$1*2+3+4*(5^6-7^8*9)$	-229783198	G	$-1-(2+((3+4)*5)^6+7)/8-9$
-207470337	G	$1*2-3+4*(5^6-7^8*9)$	-231653584	G	$-1+((2-3)-4)*(5+6)^7-8^9$
-207529749	G	$(-1*(-2-(3+4)^-5+6)*7^8)*9$	-231787011	G	$-1-(2-(3+4)^5)*(6/(7-8))^9$
-207533163	G	$-1-2+(3-4-5)*6*(7^8+9)$	-233625001	G	$-1-2*3^4*5^6*7^8*9$
-207534241	G	$-1-(2-34)*(5^6-7^8-9)$	-233846020	P	$1-2-(3*(4^-(5+6)^7+8)-9)$
-207535923	G	$(1*(2-(3+4)^-5-6)*7^8)*9$	-233846022	G	$-1-(2+3*(4/(5+6)^7-8))^9$
-207595313	G	$1*23-4*(5^6+7^8*9)$	-233847123	G	$-1-2-3*4*((5+6)^7+8+9)$
-207595331	G	$1*2+3-4*(5^6+7^8*9)$	-234660084	G	$(1-2-3^4(4+5+6))*7-8^9$
-207595337	G	$1*2-3-4*(5^6+7^8*9)$	-235204251	P	$-1-2-34/5*(6*(-7^8-9))$
-208095332	G	$-1+2+3-4*(5^6+7^8)*9$	-236356473	P	$1-2+(-3-4*(5+6))*(-7^8+9)$
-208095335	G	$-1*2+3-4*(5^6+7^8)*9$	-236356835	G	$-1-(2+((3+4)*5+6)*7^8)+9$
-208406250	G	$(1*(-23+4)/5^6-6)*7^8*9$	-238000000	P	$(-1*2^-(3-4)*5^6)*7*(8+9)$
-209294379	G	$-1-2-3*((4*5)^6-(-7^8+9))$	-241465392	P	$(-1*(2/3+4)*5^6*7^8)*9$
-209294415	G	$-1-2-3*((4*5)^6+7^8)-9$	-241864660	P	$1+23-4*(-5-6^-(7-8)+9)$
-209977343	G	$1+2*(3/4)^-5*6^7*8*9$	-241864676	P	$1*2^3-4*-5-6^-(7+8+9))$
-210653164	P	$1-2-3*((4*5)^6+7^8-9)$	-241864732	P	$(-1*2)^3-4*(5+6^-(7+(8+9)))$
-210653166	G	$-1-(2-3*((4*5)^6+7^8+9))$	-242120381	G	$1+(2/3+4)*5*(5^6-7^8)*9$
-212166415	G	$(1-2)*(3+4*(5+6)^7+8^9)$	-242120383	G	$-1+(2/3+4)*5*(5^6-7^8)*9$
-212625000	G	$(1*(-23-4)*5^6)*7*8*9$	-242121232	G	$-1-(2-(3+4)*5*(6^7+8-9))$
-213297301	P	$1+2+(-3-4-5*6)*(-7^8+9)$	-242121517	P	$1-2+(-3+45)*(-6-(7^8+9))$
-213297649	G	$-1-2-3*((4*5)^6)/7^8-8+9))$	-242121519	G	$-1-(2-(3-45)*5*(6^7+8-9))$
-213438159	P	$(-1*(2^3-3+4)*(-5^6-7^8))*9$	-242121737	P	$1+2+(-3-4)*(-5-6*7^8-9)$
-213909148	G	$1-2-3*(4^(5+6)-7)*(8+9)$	-242121986	P	$1-2+(-3-4)*(-5-6*(-7^8-9))$
-213909590	G	$-1+(2-3*4^(5+6)-7)*(8+9)$	-242121988	P	$-1-2+(-3-4)*(-5-6*(-7^8-9))$
-213909658	G	$-1-((2+3*4^5(5+6))+7)*(8+9)$	-242122023	G	$-1-(2+(3*4+5*6)*7^8+9))$
-213952106	G	$-1-(2+(3/45)^-6*7+8^9)$	-242122273	P	$1-2+(-3+45)*(-6+7^8+9)$
-214357586	G	$-1+(2*3)^4-((5+6)^7-(8-9)))$	-242122275	P	$-1-2+(-3+45)*(-6-(7^8-9))$
-214360178	G	$-1-(2*3)^4-((5+6)^7-(8-9)))$	-242122901	G	$1-(2/3+4)*5*(5^6+7^8)*9$
-214991355	G	$-1-2-((3+4+5)^6+7)*8*9$	-242122903	G	$-1-(2/3+4)*5*(5^6+7^8)*9$
-214991489	G	$-1-2^2(3+4)*(5+6^7(8+9))$	-243931505	G	$-1-(2+3^4(4+5+6)+7)*(8+9)$
-214992001	G	$-1-2^2(3+4)*((-5+6-7)^8+9)$	-243931541	G	$-1-(2+(3^4(4+5+6)+7)*(8+9))$
-217231210	G	$-1-(23*4+5)*(6^7*8+9)$	-244136530	G	$-1+2^2(3^4)-5^6(6+7+8-9)$
-219375000	G	$(1*(-2-3)*4/5^6-6)*7*8*9$	-244139330	G	$-1+(2*3)^4-5^6(6+7+8-9)$
-223388929	G	$-1-(2^2(3+4)+5)*6^7(8-9))$	-244141922	G	$-1-(2*3)^4-5^6(6+7+8-9)$
-224228739	G	$(1-2)*3-(4+5)*6^7*8*9$	-244144720	G	$1-2^2(3^4)-5^6(6+7+8-9)$
-224228760	G	$-1-23-(4+5)/6^7-8*9$	-244144722	G	$-1-2^2(3^4)-5^6(6+7+8-9)$
-224799541	G	$1*2-3^4(4*5-6)*(7^8-9)$	-248527872	G	$(1*2*(3^4-4-5))*6^7*8*9$
-224799544	G	$1-2-3^4(4*5-6)*(7^8-9)$	-249128622	G	$(1*2*(3^4-5/6^7-7))*8*9$
-224826657	G	$-1-(2-(34+5)*6-(7^8-9))$	-249141705	G	$(1+2*(3+(4-5*6^7)))^8*9$
-224827223	G	$1+2*3-(45-6)*7^8+9$	-249143091	G	$-1-(2+3*4)*5*(5+6^7*8*9)$
-224827359	G	$-1-(2+(-34-5)*6-(7^8-9))$	-249157458	G	$(-1*2*(3^4-5/-6^7-7))*8*9$
-224827566	P	$1+23+(-45+6)*(-7^8-9)$	-249758208	P	$(-1*2*(-3^4-4-5))*6^7*8*9$
-224827568	P	$-1+23+(-45+6)*(-7^8-9)$	-250001153	G	$-1+2^2(3+4)*(-5^6(-6-(7-8))-9)$
-225088558	G	$-1-2*(34^5-6)+7-8^9$	-251140779	P	$(-1+2*3*(4+(5+6)^7))-8^9$
-225088644	G	$-1-2*34^5-67-8^9$	-251953126	G	$-1+(2+3)^4(4+5)*6*(7+8)*9$
-226493821	G	$-1-2*(3*4^5(5+6)+78)*9$	-251999999	G	$1-2^2*3^4*5^6*7^8*9$
-226733742	G	$(-1*2*3^4)*5*(6^7-8-9)$	-252000001	G	$-1-2^2*3^4*5^6*7^8*9$
-226734390	P	$(1*2*3^4)*5*(-6^7-8-9)$	-253650851	G	$-1-(2-(3*4-56)*7^8-9))$
-226740222	P	$(-1*2*3^4)*5*(-5*(6^7+8)+9)$	-253651240	G	$1+-2*3-(4*(5+6)*7^8-9)$
-226741671	G	$(1*2*3^4)*5*(6^7+8)+9$	-253651277	G	$-1-(23+4*(5+6)*7^8)-9$
-226741689	P	$(1*2*3^4)*5*(-6^7-8)-9$	-253651618	G	$-1+23-4*(5+6)*7^8+9$

-253651646	G	$-1*(2*3-4*(-5-6))*(7^8+9)$	-282175559	G	$-1-2*(3+4)*(5+6^7*8^9)$
-253651664	G	$-1-23-4*(5+6)*(7^8+9)$	-282253617	P	$-(1*23^{\wedge}(-4-5)^{\wedge}6+7))-8^{\wedge}9$
-253903843	G	$-1-2-34^{\wedge}5*(6-7/(8+9))$	-282475177	G	$(1-2)*(3+4)^{\wedge}(5+6)/7+8^{\wedge}9$
-255999918	G	$(1+-2-3)*(4*5)^{\wedge}6-(7-89)$	-282475232	P	$(-1+2)*((3+4)^{\wedge}(5+6)/7-8)+9$
-256000006	G	$(-1+2/-3*(4*5)^{\wedge}6)*(7+8-9)$	-282475287	G	$-1-2-(3+4)*(5+(6-(7-8))^{\wedge}9)$
-256603545	G	$(1*(2+3)*(4*5^{\wedge}6-7^{\wedge}8))^{\wedge}9$	-282475321	G	$(1-2)*(3+4)^{\wedge}(5+6)/7-8^{\wedge}9$
-256981245	G	$1+2+(3/-4+5)*-6^{\wedge}(-7-(-8-9))$	-283500000	G	$(1*(-2-34)*5^{\wedge}6)*7*8^{\wedge}9$
-256981251	G	$-1-(2-(3/4-5)*6^{\wedge}(-7+(8+9)))$	-284414994	G	$-1-(-2^{\wedge}3+4^{\wedge}5)/6^{\wedge}-7-8-9$
-258712920	P	$-(-1*(-2+3+4)*(5^{\wedge}6-7^{\wedge}8))^{\wedge}9$	-285187509	G	$-1*234*5^{\wedge}6*78-9$
-258869533	G	$-1+2*(3^{\wedge}(4*5-6)-(7+8^{\wedge}9))$	-285806482	G	$-1-2+(3-4^{\wedge}5)*(6^{\wedge}7-8)+9$
-259408365	P	$1*(-2-3)*-((4^{\wedge}5/6-7^{\wedge}8)^{\wedge}9)$	-2858222818	G	$-1-2+((3-4^{\wedge}5)*(6^{\wedge}7+8)+9)$
-259412220	P	$-1+2^{\wedge}(3^{\wedge}4)-5*-(-6-7^{\wedge}8)^{\wedge}9$	-2858222834	G	$1-2+(3-4^{\wedge}5)*(6^{\wedge}7+8)-9$
-259414317	P	$-(-1*2*3^{\wedge}4-5*(6-7^{\wedge}8))^{\wedge}9$	-285905526	G	$1-2+(3-4^{\wedge}5)*(6^{\wedge}7+89)$
-259415376	G	$-1*2*3+45*(6-(7^{\wedge}8-9))$	-286619490	G	$-1-(-2^{\wedge}-3+4^{\wedge}5)/6^{\wedge}-7-8-9$
-259415379	G	$-1-(2^{\wedge}3-45*(6-7^{\wedge}8+9))$	-286637034	G	$-1+23-4^{\wedge}5*(6^{\wedge}7-(8+9))$
-259415394	G	$-1-(2-3-45*(6-7^{\wedge}8+9))$	-286637080	G	$-1-23-4^{\wedge}5*(6^{\wedge}7-(8+9))$
-259415684	P	$1+(-2+3*4-5*(-6-7^{\wedge}8))^{\wedge}9$	-286646305	G	$-1-(23+4^{\wedge}5*(6^{\wedge}7-8))-9$
-259415708	G	$-1+2*34+5*(6-7^{\wedge}8)^{\wedge}9$	-286653418	G	$-1+23-4^{\wedge}5*(6^{\wedge}7+8-9)$
-259416082	P	$1-2+(-34-5*(-6-7^{\wedge}8))^{\wedge}9$	-286653442	G	$-1+(2-3-4^{\wedge}5*(6^{\wedge}7+8-9))$
-259416453	G	$-1-(2+3*(4+(5+6)))*(7^{\wedge}8+9))$	-286653464	G	$-1-23-4^{\wedge}5*(6^{\wedge}7+8-9)$
-259416550	G	$-1-(234+5*(6+7^{\wedge}8)^{\wedge}9)$	-286655490	G	$-1+(2-3-4^{\wedge}5*(6^{\wedge}7-(8-9)))$
-259417773	G	$(-1*2*3^{\wedge}4-5*(6+7^{\wedge}8))^{\wedge}9$	-286662689	G	$-1-23-4^{\wedge}5*(6^{\wedge}7+8)-9$
-259420412	P	$-1-2^{\wedge}(3^{\wedge}4)-5*(-6-7^{\wedge}8)^{\wedge}9$	-287486050	G	$-1-2-((3+4^{\wedge}5)*(6^{\wedge}7-8)-9)$
-259423725	P	$-1*(2-3)*-((4^{\wedge}5/6+7^{\wedge}8)^{\wedge}9)$	-287486066	G	$1-2-(3+4^{\wedge}5)*(6^{\wedge}7-8)-9$
-259696157	G	$-1-(23^{\wedge}4-5*(-6-7^{\wedge}8)^{\wedge}9)$	-287502482	G	$-1-2-(3+4^{\wedge}5)*(6^{\wedge}7+8)+9$
-259765626	G	$-1+(2-3^{\wedge}45)*(6+7-8)^{\wedge}9$	-289406772	G	$-1-(2-(3-4^{\wedge}(5+6)))*(78-9))$
-259780611	G	$-1-(2+(3+4+5)^{\wedge}6*(78+9))$	-289725688	G	$-1+23*(-45*(6^{\wedge}7-8)-9)$
-260119170	G	$(1*(2-3-4)*(5^{\wedge}6+7^{\wedge}8))^{\wedge}9$	-290386945	P	$-1-(-2/3)^{\wedge}4+5/6^{\wedge}-(-7+8+9)$
-262217709	P	$-1+2*(-(-3+(4*5)^{\wedge}6)+7)-8^{\wedge}9$	-293093082	P	$-(1+(23+4^{\wedge}5)*6^{\wedge}7)-89$
-262228545	G	$(-1*(-2-3)*(-4*5^{\wedge}6-7^{\wedge}8))^{\wedge}9$	-293601267	G	$-1-2*(3^{\wedge}4^{\wedge}(5+6)-7+8^{\wedge}9)$
-262828125	G	$(1*(-23-4)/5^{\wedge}-6)*7*89$	-294004835	G	$1+2*3-(45+6)*7^{\wedge}8+9$
-263250000	G	$(1*2*3*-4/5^{\wedge}-6)*78^{\wedge}9$	-294004863	P	$(-1+2)*-(3+(-45-6)/-7^{\wedge}-8+9)$
-263699712	G	$(-1*2/3^{\wedge}-4+5)*6^{\wedge}(7-(8-9))$	-294005286	P	$1+23+(-45-6)*-(-7^{\wedge}8-9)$
-264241110	G	$-1-(2+(3+4^{\wedge}(5+6))*7-8)^{\wedge}9$	-294005332	P	$1-23+(-45-6)*-(-7^{\wedge}8-9)$
-266788377	G	$-1-2*(3+(4-(5+6))^{\wedge}7+8^{\wedge}9)$	-295278976	G	$-1-(2-(3-4/5)*(6+7-8^{\wedge}9))$
-267844755	G	$-1-(2-3*(4+5)^{\wedge}6)*7*8^{\wedge}9$	-295279018	G	$1-2+(3+4/5-6)*(7+8^{\wedge}9)$
-267845928	G	$(1*(2/3-(4+5)^{\wedge}6)*7)*8^{\wedge}9$	-295279020	G	$-1-2+(3+4/5-6)*(7+8^{\wedge}9)$
-267846051	G	$-1-2+(3-(4+5)^{\wedge}6*7)*8^{\wedge}9$	-295279097	G	$-1-(2+(3-4/5)*(6^{\wedge}7+8^{\wedge}9))$
-267846600	G	$(1*(-2/3-(4+5)^{\wedge}6)*7*8)^{\wedge}9$	-295875001	G	$-1-2*3*4*5^{\wedge}6*789$
-267875561	G	$-1+2*(3+(4+5+6^{\wedge}7-8^{\wedge}9))$	-296071801	G	$1-2*(3+4*5)^{\wedge}6-7-8-9$
-267937765	P	$1-2*(-((3^{\wedge}4)^{\wedge}5+6+7-8^{\wedge}9))$	-296071803	G	$-1-2*(3+4*5)^{\wedge}6-7-8-9$
-268200075	G	$-1+2*((3+4)^{\wedge}5+6)*7-8^{\wedge}9$	-296875001	G	$-1+2*(-3^{\wedge}4+5)*(6-(-7+8))^{\wedge}9$
-268298643	G	$-1+2*((-3+4^{\wedge}5)*67-8^{\wedge}9)$	-299769162	G	$-1+23+(4-5)*7^{\wedge}8-9$
-268435130	G	$-1*2*(3-(4-56))-7+8^{\wedge}9$	-299999974	P	$1-2+3*(-(4-5-(6-7))^{\wedge}8+9)$
-268435143	P	$1+2*(-((-3-(4+5))*(6+7)+8^{\wedge}9))$	-300000030	G	$-1-(2+3*((4+(5-6+7))^{\wedge}8+9))$
-268435169	P	$1-2*(-(3^{\wedge}4-(5-(67-8^{\wedge}9)))$	-300441313	P	$-1+(2^{\wedge}-3/4-5)*6^{\wedge}(-7-8)+9$
-268435213	G	$-1+2*(3^{\wedge}45-6-(7+8^{\wedge}9))$	-300837888	G	$(-1*2*3^{\wedge}-4+5)*-6^{\wedge}(-7-(-8-9))$
-268436158	G	$-1*2*(3*(4+5)*(6+7)+8^{\wedge}9)$	-301327128	G	$(1-2-3^{\wedge}(4*5-6)*7-8)^{\wedge}9$
-268436993	G	$-1-2*(3^{\wedge}4^{\wedge}(5+(6-7))+8^{\wedge}9)$	-301327308	G	$((1+2+3^{\wedge}(4*5-6))*-7-8)^{\wedge}9$
-268441735	P	$-1+2*(-(3^{\wedge}4^{\wedge}5+67+8^{\wedge}9))$	-301858487	G	$1+(2^{\wedge}(-3-4)-5)/6^{\wedge}(7-(8+9))$
-268474849	G	$-1-2*(3^{\wedge}(4+5)+6+7+8^{\wedge}9)$	-301989935	G	$1-(2+3/4^{\wedge}(-5-6))*(7+8+9)$
-268591713	G	$-1-2*(3+(4-(5-6))^{\wedge}7+8^{\wedge}9)$	-301990370	G	$-1+23-(4^{\wedge}(5+6)+7)*8^{\wedge}9$
-268670755	G	$-1-2*((3+4)^{\wedge}(5-6+7)+8^{\wedge}9)$	-301990416	P	$(-1+2/3-4^{\wedge}(-5-6)-7)*8^{\wedge}9$
-268671667	G	$-1-2*(3^{\wedge}(4+5)*6+(7+8^{\wedge}9))$	-302329668	G	$-1-2-3*45*(6^{\wedge}7*8-9)$
-268895836	G	$1-2+3*(-4^{\wedge}(5+6)-7^{\wedge}8)^{\wedge}9$	-302330013	G	$1+2-3*(4-5*6^{\wedge}7)*-8^{\wedge}9$
-268955963	G	$-1+2*(3^{\wedge}(4+5)-6^{\wedge}7-8^{\wedge}9)$	-302330780	G	$((1*2)+3)*(4*5-6^{\wedge}(-7+(8+9)))$
-268995305	G	$-1+2*(3+(4+5-6^{\wedge}7-8^{\wedge}9))$	-302330980	P	$(-1*2-3)*(4*5+(6^{\wedge}(-7+(8+9))))$
-271234803	G	$-1+2*(3+4-(5*6^{\wedge}7+8^{\wedge}9))$	-302331889	G	$-1-(2-3*(-4-5*6^{\wedge}7))^{\wedge}8^{\wedge}9$
-272096982	P	$(-1*2*3^{\wedge}4)*-(5-6^{\wedge}(7-8+9))$	-302332176	P	$-1*(2*3^{\wedge}4)-5/6^{\wedge}-(-7+8+9)$
-272098602	G	$(-1*2*3^{\wedge}4)*(5+6^{\wedge}(7-8+9))$	-302377537	P	$-1-((2*3)^{\wedge}-4+5)/6^{\wedge}-(-7+8+9)$
-272612428	G	$-1-2-34^{\wedge}5*6+7*(8+9)$	-302803271	G	$1-(2^{\wedge}(-3-4)+5)/6^{\wedge}(7-(8+9))$
-272629371	G	$-1-(2*3-4^{\wedge}(5+6))*(7-8^{\wedge}9)$	-303749839	G	$-1+2*3^{\wedge}4+(5*6)^{\wedge}7/(-8^{\wedge}9)$
-272629958	G	$-1-(2-(3+4^{\wedge}(5+6))*(7-8^{\wedge}9))$	-303749909	G	$-1+23^{\wedge}4+(5*6)^{\wedge}7/(-8^{\wedge}9)$
-275967728	G	$1*(2*3)^{\wedge}4*-5^{\wedge}6*7-8^{\wedge}9$	-303749933	G	$-1+2*34+(5*6)^{\wedge}7/(-8^{\wedge}9)$
-276709731	G	$-1-(2-(3+45)*(6-(7^{\wedge}8-9)))$	-303823872	P	$(-1*(2*3^{\wedge}-4+5))/6^{\wedge}-(-7+8+9)$
-276710442	G	$-1-2+((3-45-6)*7^{\wedge}8+9)$	-303887367	G	$(1*2*(-3+4/56)/7^{\wedge}-8)^{\wedge}9$
-276710565	P	$1+2*(-(3-4*-5-6/-7^{\wedge}-8+9))$	-304220449	P	$-1-(2^{\wedge}-3/4+5)/6^{\wedge}-(-7+8+9)$
-276710595	P	$-1-(2+(-3-45)*(6-7^{\wedge}8-9))$	-306063360	P	$(1-2-3^{\wedge}-4)*5/6^{\wedge}-(-7+8+9)$
-277135144	G	$(1-23)*(4+(5*6^{\wedge}7-8)^{\wedge}9)$	-307546872	G	$1+2-(3/45^{\wedge}6)^{\wedge}(7-8)/9$
-277734376	G	$-1-(-2+3^{\wedge}4)*(5*(6-7))^{\wedge}8^{\wedge}9$	-307924254	P	$(1*2*3*(-4*5^{\wedge}6+7^{\wedge}8))^{\wedge}9$

-308203125	G	$(-1-2*3^4)/(5^{\wedge}-6/789)$	-322549520	P	$-1+23^4-56*(-7^{\wedge}8-9)$
-308828625	G	$(-1*(2/(3-45)+6)*7^{\wedge}8)^*9$	-322825265	G	$-1+2^{\wedge}(3^4)-56*(7^{\wedge}8+9)$
-310761430	G	$(1*2+3^4)^{\wedge}5-6*7^{\wedge}8*9$	-322828119	G	$-1+234-56*(7^{\wedge}8-9)$
-310892856	G	$-1-(-2+3^{\wedge}(4*5-6))*(-7+8*9)$	-322828261	P	$-1+23^4-56*(-7^{\wedge}8+9)$
-310892983	G	$1*2-3^{\wedge}(4*5-6)*(7*8+9)$	-322828269	G	$1*2+3^4-56*(7^{\wedge}8-9)$
-310892986	G	$1-2-3^{\wedge}(4*5-6)*(7*8+9)$	-322828479	G	$1-2^{\wedge}(3+4)-56*(7^{\wedge}8-9)$
-310893116	G	$-1+(-2-3^{\wedge}(4*5-6))*(-7+8*9)$	-322828587	G	$-1-234-56*(7^{\wedge}8-9)$
-311050423	G	$1-2+(3^4)^{\wedge}5-6*7^{\wedge}8*9$	-322828756	G	$-1+23^4-56*7^{\wedge}8+9$
-311200470	G	$(1*((2/(3+4))^{\wedge}5-6)*7^{\wedge}8)^*9$	-322828769	P	$-(-1-23)^4-56*7^{\wedge}8-9$
-311278774	G	$(1*2^{\wedge}3)^4*5-6*7^{\wedge}8*9$	-322828780	G	$-1+2^{\wedge}34-56*7^{\wedge}8+9$
-311291061	G	$1+2*3^4*5-6*7^{\wedge}8*9$	-322828787	G	$-1-2+3^4-56*7^{\wedge}8-9$
-311291964	G	$((1*2*3^4)^5-6*7^{\wedge}8)^*9$	-322828796	G	$1+2^{\wedge}34-56/7^{\wedge}-8-9$
-311293080	G	$(1*(2*(3+4)^{\wedge}5-6)/7^{\wedge}-8)^*9$	-322828899	P	$(-1+2)*-(34-56*-7^{\wedge}8)-9$
-311295153	G	$(1*2^{\wedge}3)^4*5+6*7^{\wedge}8*9$	-322828931	G	$-1-2-3^4-56*7^{\wedge}8+9$
-311295159	G	$((-1+23^4)^5-6/7^{\wedge}-8)^*9$	-322828940	G	$-1-23^4-56*7^{\wedge}8+9$
-311295163	G	$(1*2^{\wedge}3)^4*5-6*7^{\wedge}8*9$	-322828946	P	$-(-1+2)*3^4-56*7^{\wedge}8-9$
-311297886	G	$(-1*2*(-3^4+5)-6*7^{\wedge}8)^*9$	-322828947	G	$1-2-3^4-56*7^{\wedge}8-9$
-311298353	G	$1-((-2-3)^4*5-6*-7^{\wedge}8)^*9$	-322829199	G	$-1+2*3^4-56*(7^{\wedge}8+9)$
-311298445	G	$-1+2*3*(4+5)*(6-(7^{\wedge}8-9))$	-322829269	G	$-1+23^4-56*(7^{\wedge}8+9)$
-311298615	G	$(1-(-2-3^4)^5-6/7^{\wedge}-8)^*9$	-322829282	G	$-1-2+3^4-56*(7^{\wedge}8+9)$
-311298795	G	$1*(2*3+45-6*7^{\wedge}8)^*9$	-322829291	P	$1+2^{\wedge}34-56*(-7^{\wedge}8-9)$
-311298911	G	$1+2*(-3*(-4-5)*(6-7^{\wedge}8)+9)$	-322829293	G	$-1+2^{\wedge}34-56*(7^{\wedge}8+9)$
-311298985	G	$-1-2*3*(4+5)-(6-7^{\wedge}8)^*9$	-322829375	G	$-1-2-3^4-56*(7^{\wedge}8+9)$
-311299094	G	$1*2^{\wedge}3^4*5-6*7^{\wedge}8*9$	-322829444	G	$-1-2-3^4-56*(7^{\wedge}8+9)$
-311299154	G	$(1+23-4)^5-6*7^{\wedge}8*9$	-322830162	G	$-1-(2*3)^4-56*7^{\wedge}8-9$
-311299384	G	$(1-23-4)^5-6*7^{\wedge}8*9$	-322833457	G	$-1-2^{\wedge}(3^4)-56*(7^{\wedge}8+9)$
-311299411	G	$1*23-(4^5-6*-7^{\wedge}8)^*9$	-323109202	P	$-1-23^4-56*(-7^{\wedge}8-9)$
-311299494	G	$1+2-(-3*(-4-5)-6*-7^{\wedge}8)^*9$	-323160623	P	$-(-1+23)^4-56*7^{\wedge}8+9$
-311299599	G	$(1-2)*(345+6*7^{\wedge}8)^*9$	-323160641	P	$-(-1+23)^4-56/7^{\wedge}-8-9$
-311299714	G	$-1-(2*3+45-6/7^{\wedge}-8)^*9$	-325764810	G	$1*(-2-3)*(4^5)^6-7^{\wedge}8-9$
-311299743	G	$-1+(-2+(3*4^5+6)*(7^{\wedge}8+9))$	-326123028	P	$-(-1*(2/(-3^4+5)-6)/7^{\wedge}-8)^*9$
-311299811	G	$1-(2+3^4*5+6/7^{\wedge}-8)^*9$	-326171876	G	$-1-(2*3^4+5)*(6+7-8)^{\wedge}9$
-311300622	P	$-(-1*2*(-3^4+5)-6*-7^{\wedge}8)^*9$	-326217746	G	$1+2-3*((4^5)^6+7)-8^{\wedge}9$
-311305428	G	$(-1*(2*(3+4)^{\wedge}5+6)/7^{\wedge}-8)^*9$	-327151949	P	$-1-2+(3/4+56)*-(7^{\wedge}8-9)$
-311306544	G	$((-1*2*3^4)^5-6*7^{\wedge}8)^*9$	-327155472	G	$-1-2+(3-4^{\wedge}(5+6))*78+9$
-311307445	G	$1-2+3^4*5-6*7^{\wedge}8*9$	-327155565	G	$(1-2+3-4^{\wedge}(5+6))*78-9$
-311398038	G	$(-1*((2/(3+4))^{\wedge}5+6)*7^{\wedge}8)^*9$	-327155940	G	$-1-2-(3+4^{\wedge}(5+6))*78+9$
-311399254	G	$(1*2-3^4)^{\wedge}5-6*7^{\wedge}8*9$	-327156190	P	$-1-(2*3+4^{\wedge}(-5-6))*78-9$
-311500001	G	$-1-2*3^4*5*6*7^{\wedge}8*9$	-327517867	G	$-1+234*(-5*(6^{\wedge}7-8)-9)$
-311548087	G	$1-2-(3^4)^{\wedge}5-6*7^{\wedge}8*9$	-327534470	G	$1+234*5*(-6^{\wedge}7-8)+9$
-311794858	P	$-(-1+2*(3+4+(5+6)^{\wedge}7)*8)-9$	-328593651	G	$-1-2+((3-4-56)*7^{\wedge}8+9)$
-313769883	G	$(1*(2/(3-45)-6)*7^{\wedge}8)^*9$	-330024858	G	$1+2-3^{\wedge}(4*5-6)*(78-9)$
-314274817	P	$-1-((2/3)^4+5)/6^{\wedge}-(-7+8+9)$	-330024862	G	$1-2-3^{\wedge}(4*5-6)*(78-9)$
-314572756	G	$-1-(-2-3)*(4^{\wedge}(5+6))*(-7-8+9)$	-331281674	G	$-1+234-(5+6)^{\wedge}7*(8+9)$
-314674254	G	$(1*2*3*(-4*5^{\wedge}6-7^{\wedge}8))^*9$	-331281706	G	$-1-(2-(3^4-(5+6)^{\wedge}7)*(8+9))$
-316240248	G	$-1-2-3*((4*5-6)^{\wedge}7-8+9)$	-331281829	G	$-1-2+3^4-(5+6)^{\wedge}7*(8+9)$
-316240482	G	$-1-2-(3*((4*5-6)^{\wedge}7-8)-9)$	-331282069	P	$1*2*-3^4+(5+6)^{\wedge}7*(-8+9)$
-316240566	G	$-1-2-3*((4*5-6)^{\wedge}7+(8+9))$	-331282142	G	$-1-234-(5+6)^{\wedge}7*(8+9)$
-316240602	G	$1-2-3*(4*5-6)^{\wedge}7-8+9$	-331282488	G	$-1-(2+(3+4+(5+6)^{\wedge}7)*(8+9))$
-316404792	G	$(-1*2/3^{\wedge}-4)*(5^{\wedge}(-6+(7+8))-9)$	-331283204	G	$-1-((2*3)^4+(5+6)^{\wedge}7*(8+9))$
-316406241	G	$(-1*2/3^{\wedge}-4)/5^{\wedge}(6-7-8)+9$	-331283287	G	$-1-(2+(3^4+(5+6)^{\wedge}7)*(8+9))$
-316406259	G	$(-1*2/3^{\wedge}-4)/5^{\wedge}(6-7-8)-9$	-331284084	G	$-1-(2^{\wedge}(3+4)+(5+6)^{\wedge}7)*(8+9)$
-316407708	G	$(-1*2/3^{\wedge}-4)*(5^{\wedge}(-6+(7+8))+9)$	-331349782	G	$-1-(2-(3-4^{\wedge}(5+6))*7^{\wedge}8+9)$
-317064049	G	$-1-2-(3-4+56)/7^{\wedge}-8+9$	-331350256	G	$-1-2-(3+4^{\wedge}(5+6))*7^{\wedge}8+9$
-318047894	G	$1-((-2+34^{\wedge}5-6)*7-8-9)$	-331350411	G	$(1-2*3-4^{\wedge}(5+6))*7^{\wedge}8+9$
-318047958	G	$-1+2-34^{\wedge}5*(6-(7-8))+9$	-331350491	G	$-1-(2*3+4^{\wedge}(5+6))*7^{\wedge}8+9$
-318048083	G	$1-(2+(34^{\wedge}5+6)*7+8*9)$	-331351834	G	$-1-(23+4^{\wedge}(5+6))*7^{\wedge}8+9$
-318504761	G	$-1-2+(3/4-56)*(7^{\wedge}8-9)$	-334358371	G	$-1*(2/3+(4+5))*(6/7^{\wedge}-8-9)$
-318711141	G	$(-1*2*(3+4/56)/7^{\wedge}-8)^*9$	-334358545	G	$-1*(2/3+(4+5))*(6/7^{\wedge}-8+9)$
-319957069	G	$(-1-2*(3+4))*(5-(6^{\wedge}7-8))^*9$	-335086255	G	$-1-2+34^{\wedge}5*((6+7)/8-9)$
-319999496	G	$1*(-2-3)*(4*5)^6-7*-8*9$	-340122459	G	$-1-2-3*(45/6^{\wedge}-7+8)^*9$
-319999905	P	$-(-1-(-2-3)/(4*5)^{\wedge}-6-7)+8+9$	-340131963	G	$-1-2-3*45*(6^{\wedge}7+8)^*9$
-319999914	P	$-(-1-(-2-3)/(4*5)^{\wedge}-6-7)+9$	-340400808	G	$(-1*2*(3^4-5))*(6^{\wedge}7*8-9)$
-319999953	P	$-((-1-2)+3)*(4*5)^6-7*8-9$	-340402167	G	$(-1*2*(-3^4+5))*-6*7*8+9$
-320000011	P	$-(-1-(-2-3)/(4*5)^{\wedge}-6)+7-(8+9)$	-340402185	G	$(-1*2*(-3^4+5))*-6*7*8-9$
-320000079	G	$(-1*2-3)/(4*5)^{\wedge}-6-(7+8*9)$	-340403544	G	$(-1*2*(3^4-5))*(6^{\wedge}7*8+9)$
-322122519	G	$-1-2-3^4/-5*(6+7-8^{\wedge}9)$	-341718746	G	$1*2*(3-(4+5+6)^{\wedge}7+8-9)$
-322122645	P	$1+2-3^4/5*(-6*7-8^{\wedge}9)$	-341718772	G	$((-1-2*(3+(4+5+6)^{\wedge}7))-8-9)$
-322122651	G	$-1-2-3^4/-5*(-6*7-8^{\wedge}9)$	-341718774	G	$1+2*((-3*(4-5+6))^{\wedge}7-8)-9$
-322486347	G	$-1-2-((3^4*(-5+6))^{\wedge}7+8)^*9$	-342641497	G	$-1-(2-34*(5+(6/(7-8))^{\wedge}9))$

-343289872	G	$(1^*2)^*(34^{(5-6+7)+8})/-9$	-364904507	G	$-1-(2/3+4^{(5+6)})^*(78+9)$
-343932437	G	$-1-(2^*3-4^{(5+6)})^*(7-89)$	-364904712	G	$-1-2-(3+4^{(5+6)})^*(78+9)$
-343932906	G	$-1+23+4^{(5+6)}^*(7-89)$	-364904971	G	$-1-(2^*3+4^{(5+6)})^*(78+9)$
-343932925	G	$(-1+2)^*(3+4^{(5+6)})^*(7-89)$	-369140626	G	$-1-(2+3)^{(4+5)}^*(6+(7+8))^*9$
-343932931	G	$(1-2)^*(3-4^{(5+6)})^*(7-89)$	-372937501	G	$1-2-34^*5^*6^*78^*9$
-343933177	G	$-1-(2-(3+4^{(5+6)}))^*(7-89)$	-372937502	G	$-1^*2-34^*5^*6^*78^*9$
-344095776	P	$(-1^*(2^*3)^{4^*}(-5^{6+7}))^*(-8+9)$	-373071495	G	$(-1+2-3^{(4^*5-6)})^*78+9$
-344191662	G	$-1-2+3^*(4+(5+6)^{7-8})^9$	-373071729	G	$(-1^*2-3^{(4^*5-6)})^*78+9$
-344373119	G	$1+(2-3^{(4^*5-6)+7})^*8^*9$	-373071748	G	$-1+(-2-3^{(4^*5-6)})^*78-9$
-344373407	P	$1-(-(-2-3^{(4^*5-6)}))-7)^*8^*9$	-373293501	G	$(1-2+3-4^{(5+6)}-7)^*89$
-344374127	P	$1-(-(-2-3^{(4^*5-6)}))+7)^*8^*9$	-373293703	G	$-1-23-(4^{(5+6)}+7)^*89$
-344374415	G	$1+(-2-3^{(4^*5-6)}-7)^*8^*9$	-373293946	G	$(1-2)^*((3+4^{(5+6)}+7))^*89$
-344404224	G	$(-1^*(2^*3)^{4^*}(5^{6+7}))^*(8+9)$	-373294124	G	$-1^*(2+3+4^{(5+6)}+7)^*89$
-345887157	P	$1+2-3^*4^*5^*(-(6-(7^8-9)))$	-373713493	G	$1-2+3^*(4-5^*6^*7)^*89$
-345887728	P	$1-2-3^*(-(4^*5^*(6-7^8)-9))$	-375736320	P	$-1^*(2+(3/4)^{-5})^*6^{(-(-7-8)+9)}$
-345887730	P	$-1+2^*(3-4-(5+6)^{6-7^8})-9$	-377782217	P	$1+2^*3^*(-(4^*5-6))^*78+9$
-345888044	G	$1+2^*3-(4+56)^*7^8+9$	-377854392	G	$1+(-2+3^{(4^*5-6)})^*(-7-8^*9)$
-345888072	P	$(-1+2)^*(-(3+(-4-56))/-7^{8-9})$	-377854394	G	$-1+(-2+3^{(4^*5-6)})^*(-7-8^*9)$
-345888237	P	$1+2-3^*4^*5^*(-(6-7^8-9))$	-377854708	G	$1-(-2-3^{(4^*5-6)})^*(-7-8^*9)$
-345888309	G	$1+2-3^*4^*(5^*(6+7^8)-9)$	-377854710	G	$-1-(-2-3^{(4^*5-6)})^*(-7-8^*9)$
-345888448	P	$1-2-3^*(-(4^*5^*(-(6+7^8)-9)))$	-380476909	P	$-1+2^*(-(3^*(4+(-5-6)^{-7^8})+9))$
-345888450	P	$-1-2-3^*(-(4^*5^*(-(6+7^8)-9)))$	-380711433	G	$-1-2-34^*5^*(6^*7^8-9)$
-347672569	P	$-(1^*(2^3+4^*5)^6)+7+8^*9$	-380713269	G	$-1-(2+34^*(5/6^*7^8+9))$
-347672583	P	$-1^*(2^3+4^*5)^6+7+8^*9$	-382941504	G	$(-1^*2^*(-3^4+5))^*(-6^*7^8+8)^*9$
-347680513	P	$1-2+(3/4+5)/-6^{-(7+8+9)}$	-382952354	G	$-1-(-23+4)^*(5-6^*7^8+9)$
-350437500	G	$(-1^*(2+34)/5^{6-7^8})^*89$	-382963392	P	$(-1^*2^*(-(3^4+5)))^*(6^*7^8+8)^*9$
-350550802	G	$-1-((2-3^4)^{(5+6-7)+8})^*9$	-383999664	G	$-1^*2/3^*((4^*5)^6-7^8)^*9$
-350768953	G	$-1+2^*(3-4-(5+6)^{7+8})^*9$	-384000070	G	$1+2^*-3/(4^*5)^6-78+9$
-351000001	G	$-1-2^*3^*4^*5^*6^*78^*9$	-384000076	P	$1^*2^*(-(3^*((4^*5)^6+7)+8)-9)$
-351088606	G	$-1-(-2-3)^*((4^*5)^6+7-8^*9)$	-385418124	G	$(-1^*(2/(3+4)^*5+6)^*7^8)^*9$
-351598203	P	$(-1^*2/-3^4-5)^*(-(6^*7^8-9))$	-385857027	G	$-1-2-3^*(4^*5^*-6^*7+8^*9)$
-351601029	G	$(-1^*(2/-3^4-5))^*(-(6^*7^8-9))$	-387171660	G	$-1-2+(3^*4)^5+(6-7-8)^*9$
-351943873	G	$-1^*((2-(3+4)^5)^6-7^8+9)$	-387419199	G	$-1+(2^*3)^4-(5-(6-(7+8)))^*9$
-356515246	G	$-1-(2+3)^*(4^{(5+6)}-7)^*(8+9)$	-387419790	G	$-1-2-((3^*(4+5))^6-7^8)^*9$
-356515960	G	$-1-((2+3)^*4^{(5+6)}+7)^*(8+9)$	-387419988	G	$-1-2-(3^*(-4-5))^6-7^8-9$
-358138049	G	$-1-2^*34^*5^*6^*7^8+9$	-387420265	P	$-(1-(2+3)^*4^5+(6-(7+8)))^*9$
-358722810	G	$(-1-(2+3)/(4+5)^{-6})^*(7+8)^*9$	-387420310	P	$-(1-(2+34)^*5)+(6-(7+8))^*9$
-360965888	G	$(-1^*2^*3^*4)^*5^*6^*7^8-9$	-387420996	G	$-1-2-(3^*(-4-5))^6-7^8^*9$
-361282478	G	$-1-((2^*3)^4-5)^*(6^*7-89)$	-387425610	P	$-(1+(2+3)^*4^5)+(6-(7+8))^*9$
-362046745	G	$-1+2^*(-3^4+5+6)-7^8)^*9$	-387427045	P	$-(1+2^*3)^4+5+(6-7-8)^*9$
-362063497	P	$-(1-(2-(3+4^*5)^6)^*(7+8))+9$	-387427055	P	$-(1+2^*3)^4+5+(6-7-8)^*9$
-362673935	G	$1+23^*4^*(-(5-(6+7)))^*8^*9$	-388819694	G	$-1^*23^*4^*5+(6-7-8)^*9$
-362789118	G	$(1^*2^*3^*4)^*(5-6^*7^8+9)$	-389743470	G	$-1-(2+3)^*(4^*(5+6)^{7+8})-9$
-362790567	G	$(1^*2^*3^*4)^*(5-6^*7^8)+9$	-392005859	G	$-1-(2+(3^*4+56)^*(7^8-9))$
-362790585	G	$(1^*2^*3^*4)^*(5-6^*7^8)+9$	-392007226	P	$-1+2^*34^*(-(5+6+7^8)-9)$
-362792034	P	$(1^*2^*3^*4)^*(-(-5+6^*7^8)+9)$	-392007897	G	$-1+2^*34^*(-(5^*6-7^8+9))$
-362794788	G	$(1^*2^*3^*4)^*(5-(6^*7^8-9))$	-392008491	G	$-1+2^*(-34^*(5^*6+7^8)+9)$
-362796237	G	$(1^*2^*3^*4)^*(5-6^*7^8)+9$	-392010295	G	$1+2^*(-34^*(5+6+7^8)-9)$
-362796255	G	$(1^*2^*3^*4)^*(5-6^*7^8)-9$	-392203294	G	$-1^*(2-3^{(4^*5-6)})^*(7-89)$
-362796408	G	$(-1^*2^*3^*4)^*(5+6^*7^8-9)$	-392203622	G	$1^*(2+3^{(4^*5-6)})^*(7-89)$
-362796785	P	$1+2^*3^*(45-6^{(-(-7-8)+9)})$	-393028039	P	$-1+234^*(-(5-(6-7)))^8+9$
-362797325	P	$1-2^*3^*(45+6^{(-(-7-8)+9)})$	-393030147	G	$-1-2+(34+5)^*(6^*(7-8))^*9$
-362797704	G	$(1^*2^*3^*4)^*(5-6^*7^8-9)$	-394311978	G	$(-1^*2^*(-3-4/5)^*(6-7^8))^*9$
-362797857	P	$(1^*2^*3^*4)^*(-(5+6^*7^8)+9)$	-394875000	G	$(-1^*(2+34)/5^{6-7^8})^*9$
-362797875	G	$(-1^*2^*3^*4)^*(5+6^*7^8)-9$	-395549496	G	$((-1^*2^*3^*4+5)^*6^*7^8)^*9$
-362799324	G	$(-1^*2^*3^*4)^*(5+(6^*7^8+9))$	-395549640	G	$((-1^*2/-3^4-5)^*6^*7^8)^*9$
-362802078	G	$(-1^*2^*3^*4)^*((5+6^*7^8)+9)$	-395560872	G	$(-1^*(2^*3^4-5))^*(6^*7^8)^*9$
-362803527	G	$(1^*2^*3^*4)^*(-(5-6^*7^8)+9)$	-398057616	P	$(-1+2^*-3^4+5)^*(-(6^*7^8)+9)$
-362803545	G	$(1^*2^*3^*4)^*(-(5-6^*7^8)+9)$	-398454135	G	$-1-2+3^*(4+5^*6^*7^8-9)$
-362804994	G	$(1^*2^*3^*4)^*((-5-6^*7^8)+9)$	-399294015	G	$-1-2-3^*(4^*(5-6^*7^8)+9)$
-363182051	G	$1-2+(3+4)^*(5+(6-7^8)^*9)$	-400996179	P	$-1+(-(-2-3^4-4)-5)^*(-(6+7+8)^*9)$
-363182487	G	$1+2+(-3+(-4+5+6))/-7^{8-9})^*9$	-401813352	G	$-1-2+3^*(4+5+6^*7^8-9)$
-363182807	P	$1+2+(-3-4)^*(-(5+(-6-7^8)^*9))$	-401813439	G	$-1-2-3^*(4^*5-6^*7^8+9)$
-363182844	P	$-1-2+(3^4-4+5)^*(-(6-7^8)^*9)$	-402325146	G	$-1-(2+3^*((4-5^*6)^*7^8+9))$
-363482868	G	$-1-(2+(34^*5-6^*7^8)^*8)-9$	-402524163	G	$-1-(2-3^*(4^*5^*6^*7^8-9))$
-363483068	G	$-1-(2+(34^*5-6^*7^8)^*8)-9$	-402606279	G	$-1-2+3^*(4+5^*6+7^8-9)$
-363483441	P	$1-2+(34^*5+6)^*(-(7-8+9))$	-402606321	G	$-1-2+3^*(4+5^*6-(7+8^*9))$
-363483443	G	$-1-(2+(34^*5+6)^*(7-(8-9)))$	-402631557	G	$-1-2+3^*((4-5^*6)^*7^8+9)$
-363483740	G	$-1-(2+(34^*5+6^*7)^*8)-9$	-402647515	P	$1-2-3^*(-(4^*5^*6^*7^8-9))$
-364904457	G	$-1-2^*3-4^{(5+6)}^*(78+9)$	-402647517	G	$-1-(2-3^*(4^*5^*6^*7^8-9))$

-402648481	P	$1-2-3^*-(4^*56^*7-8^*9)$	-415065606	P	$1^*2^*-(3-4^*(-5+6-7^*8^*)^*9)$
-402648483	G	$-1-(2-3^*(4^*56^*7-8^*9))$	-415066323	G	$-1-2-((3+4)+5)^*6^*(7^*8+9)$
-402649165	P	$1-2-3^*-(4^*5^*67-8^*9)$	-415236078	G	$-1-2-3^*(4^*(5+6)-(7-8^*9))$
-402649167	G	$-1-(2-3^*(4^*5^*67-8^*9))$	-415236120	G	$-1-2-3^*(4^*(5+6)+7+8^*9)$
-402649603	P	$-1-2-3^*-(4^*5/6^*7-8^*9)$	-416118301	G	$1^*2-3^*(4^*5-6)^*(78+9)$
-402649987	G	$1-2+3^*(4^*5+(6^*7-8^*9))$	-416118304	G	$1-2-3^*(4^*5-6)^*(78+9)$
-402649989	G	$-1-2+3^*(4^*5+(6^*7-8^*9))$	-419306952	G	$(-1+2)^*(-3-(-4-5)^*6^*789)$
-402650241	G	$-1-2+3^*(4^*5-6^*7-8^*9)$	-419565672	P	$(-1^*2^*3^*(-(-4^*5^*6-7^*8^*))^*9)$
-402651474	G	$-1-(2-3^*(4+567-8^*9))$	-420032387	G	$-1-2+(3-4^*5)/6^*7-8^*9$
-402651798	G	$-1-(2-3^*(456+7-8^*9))$	-420830921	G	$-1-(2^*34+5)^*(6+7^*8)-9$
-402651999	G	$-1-2-3^*(-4-(56^*7-8^*9))$	-421875001	G	$-1-2^*3^*4/5^*(6-7-8)^*9$
-402652095	G	$-1-2-3^*((4-56)^*7+8^*9)$	-422516737	G	$-1-((2-3^*-4)+5)/6^*(7-8-9)$
-402652170	G	$-1-2-3^*(-4-(5^*67-8^*9))$	-423263250	G	$((1-(2+34)^*5)-6)^*7+8+9$
-402652261	G	$1-2+3^*(4^*(5+6)^*7-8^*9)$	-425683440	G	$1^*(2-3^*(4^*5-6)+7)^*89$
-402652263	G	$-1-(2-3^*(4^*(5+6)^*7-8^*9))$	-425683529	P	$-1-(2+3^*(4^*5-6)-7)^*89$
-402652851	G	$-1-2-3^*(45+67-8^*9)$	-425685042	P	$(-1^*2^*3^*(4^*5-6)+7)^*89$
-402653631	G	$-1-2+3^*(4^*(5-6^*7)-8^*9)$	-427124962	G	$-1-((2+3^*4)^*(5+6-7)+8)^*9$
-402653678	G	$-1-(2+3^*(4^*5/6-7+8^*9))$	-428304531	G	$-1-2-34^*(5/6^*7-8^*9)^*9$
-402653761	G	$-1-(2^*3+4^*(5+6))^*(7+89)$	-428314323	G	$-1-2-34^*5^*(6^*7+8)^*9$
-402653805	G	$-1-(2-3^*(4^*5^*6^*7-8^*9))$	-430732771	P	$(-1+2/((3+4)^*(5-6)^*7))^*8^*9$
-402653955	G	$-1-(2+3^*(4^*(5+6-7)+8^*9))$	-438124409	G	$1^*2+(3^*4-5)^*(6-7^*8)+9$
-402654351	G	$-1-2+3^*(4-56^*7-8^*9)$	-438124427	G	$1^*2+(3^*4-5)^*(6-7^*8)-9$
-402655705	P	$1-2-3^*-(4^*5^*-6^*7-8^*9)$	-438125321	G	$1^*2-(3^*4-5)^*(6+7^*8)+9$
-402655707	P	$-1-2-3^*(4^*5^*-6^*7-8^*9)$	-438125324	G	$1-2-(3^*4-5)^*(6+7^*8)+9$
-402656218	G	$1-2-3^*(4^*5-6-7+8^*9)$	-438125339	G	$1^*2-(3^*4-5)^*(6+7^*8)-9$
-402659989	G	$1-2-3^*(4^*567+8^*9)$	-438125342	G	$1-2-(3^*4-5)^*(6+7^*8)-9$
-402659991	G	$-1-(2+3^*(4^*567+8^*9))$	-439453135	G	$-1+((2-3)-4)^*(5+6)+7-8)^*9$
-402662230	G	$1-2-3^*(45^*67+8^*9)$	-443888987	G	$-1-2-(3+4)^*(5+6)^*(7^*8-9)$
-402662232	G	$-1-(2+3^*(45^*67+8^*9))$	-443889689	G	$-1-(2+(3+4)^*(5+6)^*7^*8)-9$
-402662761	G	$1-2-3^*(456^*7+8^*9)$	-443890148	G	$(1-2^*(34+5))^*(6+7^*8)-9$
-402662763	G	$-1-(2+3^*(456^*7+8^*9))$	-443890370	P	$1^*(-23+(-4-5)^*6)^*(-7^*8-9)$
-402674565	G	$-1-2-3^*((4^*5-6)^*7+8^*9)$	-444713220	G	$(1^*2/(3+4)^*(5^*-6^*7^*8))^*9$
-402700029	G	$-1-2+3^*(4-(5^*6-(7-8^*9)))$	-445906935	P	$(-1+23)^*(4-5+6)^*7^*8+9$
-402700071	G	$-1-2+3^*(4-(5^*6+7+8^*9))$	-445906953	P	$(-1+23)^*(4-5+6)^*7^*8-9$
-402840666	G	$-1-(2+3^*(4^*5^*6-7+8^*9))$	-447265626	G	$-1-(234-5)^*(6+7-8)^*9$
-402840708	G	$-1-(2+3^*(4/5^*6+7+8^*9))$	-447999845	P	$(-(-1+23-(4^*5)^*6)^*7+8)^*9$
-402981396	G	$-1-(2-3^*((-4-5^*6)^*7-8^*9))$	-447999863	P	$(-1-23+(4^*5)^*6)^*7-8-9$
-403046403	G	$-1-2-3^*(4^*5-6+7)/8^*-9$	-448204823	G	$1+23^*(4+(-5-6)^*7)+8+9$
-403239391	G	$-1-2-34^*5^*((6-7)/8+9)$	-450976824	G	$((1-(2+34)^*5)/6^*(7+8)^*9)$
-403492968	G	$-1-(2-3^*(4+5-6^*7-8^*9))$	-451459610	G	$-1-2+(3+4)^*(5+6)^*(7-8^*9)$
-403492998	G	$-1-(2-3^*(4-(5+6^*7)-8^*9))$	-454354183	G	$-1-(2-(34^*5-6)^*(7-(8+9)))$
-403493055	G	$-1-2-3^*(4^*5+6^*7+8^*9)$	-454354301	G	$1-2+(34^*5+6)^*(7-8-9)$
-403537121	G	$-1-(2-3^*4)^*5^*(6-(-7^*8-9))$	-457032221	P	$-1-234^*(5-(-6+7)+8)^*9$
-404296046	G	$1+23^*(4-5^*(4-6+7+8))^*9$	-457310211	G	$-1-(2+3^*(4^*5^*6^*7-8^*9))$
-404296783	G	$(1^*23)^*(4-5^*(6+7+8)^*9)$	-459164832	G	$1^*(2-3^*(4^*5-6))^*(7+89)$
-404296967	G	$(-1^*23)^*(4+5^*(6+7+8)^*9)$	-459165216	G	$-1^*(2+3^*(4^*5-6))^*(7+89)$
-404297702	G	$1-23^*(4+5^*(6+7+8))^*9$	-461114688	G	$-1-2+3^*(4-(5+6)^*7-8^*9)$
-404310197	G	$-1-((2-3^*-4)-5)^*(6-7-8^*9)$	-461183960	G	$1^*2/3^*4^*(5^*(6^*7^*8-9))$
-406012479	G	$-1-2-3^*(4^*(5+6^*7)+8^*9)$	-461184074	G	$1^*2/3^*(4^*5^*-6/7^*-8+9)$
-406852215	G	$-1-2+3^*(4-5^*6^*7-8^*9)$	-461184200	G	$1^*2/3^*4^*(5^*(6^*7^*8-9))$
-408127734	P	$(1^*2^*3^*4)^*(-(-5+6^*7)+8)^*9$	-463416697	G	$-1-23^*(4-(5-6)^*7)^*8^*9$
-408134214	G	$(1^*2^*3^*4)^*(5-(6^*7-8)^*9)$	-466796876	G	$-1-(234+5)/(6+7-8)^*8^*-9$
-408135834	G	$(-1^*2^*3^*4)^*(5+(6^*7-8)^*9)$	-466944334	G	$1^*2+3^*4^*(56-7^*8)+9$
-408139326	G	$((1^*2^*3^*4)^*(5-6^*7)+8)^*9$	-466944352	G	$1^*2+3^*4^*(56-7^*8)-9$
-408139470	P	$(-((1^*2^*3^*4)^*(5+6^*7)+8)^*9)$	-466947979	G	$1^*2+3^*4^*(5+6-7^*8)+9$
-408142314	G	$(-1^*2^*3^*4)^*(5+6^*7-8)^*9$	-466947997	G	$1^*2+3^*4^*(5+6-7^*8)-9$
-408151062	G	$(1^*2^*3^*4)^*(5-6^*7-8)^*9$	-466948789	G	$1^*2-3^*4^*(5-6+7^*8)+9$
-408153906	G	$((-1^*2^*3^*4)^*(5+6^*7)+8)^*9$	-466948807	G	$1^*2-3^*4^*(5-6+7^*8)-9$
-408154050	G	$((-1^*2^*3^*4)^*(5+6^*7)-8)^*9$	-466948810	G	$1-2-3^*4^*(5-6+7^*8)-9$
-408157542	G	$(1^*2^*3^*4)^*(5-(6^*7+8)^*9)$	-466948951	G	$1^*2+3^*4^*(5-6-7^*8)+9$
-408159162	G	$(-1^*2^*3^*4)^*(5+(6^*7+8)^*9)$	-466948954	G	$1-2+3^*4^*(5-6-7^*8)+9$
-408165642	G	$(-1^*2^*3^*4)^*((5+6^*7)+8)^*9$	-466948969	G	$1^*2+3^*4^*(5-6-7^*8)-9$
-408919239	G	$(1+2-34^*5+6-7^*8)^*9$	-466949761	G	$1^*2-3^*4^*(5+6+7^*8)+9$
-408924901	G	$-1+((2-34^*5)-678)^*9$	-466949779	G	$1^*2-3^*4^*(5+6+7^*8)-9$
-410211459	G	$-1-2-3^*((4+5)^*6^*7+8^*9)$	-466953406	G	$1^*2-3^*4^*(56+7^*8)+9$
-410565672	G	$(1^*2^*3^*(4^*5^*6-7^*8))^*9$	-466953424	G	$1^*2-3^*4^*(56+7^*8)-9$
-411438315	G	$-1-(2+(34^*5+(6^*7+8))^*9)$	-467692020	G	$-1-(2-3^*(4-(5+6)^*7)^*8)-9$
-412800001	G	$-1+((2+3)^*4)^*5^*(6-(7+8)^*9)$	-467692068	P	$-1-2-3^*(-4-(5+6)^*7^*8+9)$
-414598247	G	$-1-2+34^*5^*((6-7)/8-9)$	-467692212	G	$-1-(2+3^*(4+(5+6)^*7)^*8)-9$
-415062585	G	$(-1^*((2-(3+4)^*-5)+6)^*7^*8)^*9$	-467692230	G	$-1-2-3^*((4+(5+6)^*7)^*8+9)$

-470408495	G	$1-2*34/5*(6*(7^8+9))$	-526153390	G	$1-2+3*(4-((5+6)^7-8)*9)$
-472714593	G	$(1-2-3^4)^*(5+6+7^8)-9$	-526153822	G	$1-2+3*(4-((5+6)^7+8)*9)$
-476125494	P	$-(1*(2^3+4^5)^6-7^8)+9$	-530363625	G	$-1+23*4*(-5*6-7^8+9)$
-476125512	P	$-(1*(2^3+4^5)^6-7^8)-9$	-530364246	G	$-1+23*(-4*(5*6+7^8)+9)$
-478473089	G	$-1-(-2-3^4)^*(56-(7^8-9))$	-530367052	G	$-1+23*(-4*(56+7^8)-9)$
-481889602	G	$-1*(2^3+4^5)^6+78*9$	-531441000	P	$((-1*2*3^4)^5)^6-(6+(7-8)*9)$
-481889681	G	$-1*(2^3+4^5)^6+7*89$	-535500001	G	$-1-2*34*5^6*7*8*9$
-481890209	G	$-1-((2^3+4^5)^6-(7+89))$	-536128353	G	$(-1-23*4)^*(5+6-(-7^8-9))$
-481890218	G	$-1-((2^3+4^5)^6-(78+9))$	-536808390	G	$(-1*2)^*3+4*(5^6+7-8^9)$
-481890225	P	$-(1*(2^3+4^5)^6)+7+8*9$	-536869774	G	$-1-2^{\wedge}(34-5)+67*(8+9)$
-481890236	G	$-1-((2^3+4^5)^6-(78-9))$	-536869977	G	$-1-2^{\wedge}(34-5)+(6+7)*8*9$
-481890239	G	$-1*(2^3+4^5)^6-7*8-9$	-536870094	P	$1-23-4*(-5*6*7-8^9)$
-481890280	P	$-(1*(2^3+4^5)^6)+7+8+9$	-536870096	P	$-1-23-4*(-5*6*7-8^9)$
-481890298	P	$-(1*(2^3+4^5)^6)+7+8-9$	-536870337	G	$-1-2^{\wedge}(34-5)+6*(7+89)$
-481890309	G	$((1-(2^3+4^5)^6)-7-8+9)$	-536870391	G	$-1-2^{\wedge}(34-5)+6*(78+9)$
-481890327	G	$((1-(2^3+4^5)^6)-7-8-9)$	-536870439	G	$-1-2^{\wedge}(34-5)+6*(7+8*9)$
-481890369	G	$-1*(2^3+4^5)^6-7*8-9$	-536870499	G	$-1-2^{\wedge}(34-5)+6*(78-9)$
-481890383	P	$-(1*(2^3+4^5)^6+7)-8*9$	-536870602	G	$1-2+3+4*((5+6)^7-8^9)$
-481890387	G	$-1-((2^3+4^5)^6-(7-89))$	-536870633	P	$(-1-2)*3-4*(-5+6+7-8^9)$
-481890927	G	$-1*(2^3+4^5)^6-7*89$	-536870684	G	$-1-(23-4*(5+6+7+8^9))$
-481891006	G	$-1*(2^3+4^5)^6-78*9$	-536871032	G	$-1-2^{\wedge}(3-4+5*6)-7*(8+9)$
-482751383	G	$-1-2-34^5*((6+7)/8+9)$	-536871038	G	$-1+23+4*(5-6*7-8^9)$
-483183849	G	$-1-2+(3*4/5-6)*(7+8^9)$	-536871134	G	$-1-2^{\wedge}(34-5)-(-6+7)*(8+9)$
-483729049	G	$-1+2*3*(45-6^{\wedge}(-7-(-8-9)))$	-536871229	G	$-1-2*3-4*((5+6)^7+8^9)$
-483729411	G	$-1-2+(3+45)*(6*(7-8))^9$	-536872276	G	$-1-23-4*(5*6+7+8^9)$
-484243411	G	$-1-(23-(4+5))*(6/7^{\wedge}-8+9)$	-536872504	G	$-1-23-4*(5*6+7+8^9)$
-486000003	G	$-1-2-(3*4^5)^6/(7+89)$	-539999911	G	$(-1*2)^*3^{\wedge}4/(5*6)^{\wedge}-7+89$
-488281089	G	$-1+2*(3^4-5^{\wedge}(6+7+8-9))$	-542469610	G	$-1+23-4*(5/6^{\wedge}-7+8^9)$
-490733571	G	$-1-2-3*(4^{\wedge}(5+6)*7+8^9)$	-545225595	G	$-1-2+(34^5/6+7)*-8*9$
-495772359	G	$1*2+(3^{\wedge}4+5)*(6-7^8)+9$	-548115678	P	$(-1+23)*-(45+6*7^8+9)$
-495772377	G	$1*2+(3^{\wedge}4+5)*(6-7^8)-9$	-548599697	P	$-(-1-23*4)^{\wedge}(5+6-7)*8-9$
-495773391	G	$1*2-(3^{\wedge}4+5)*(6+7^8)+9$	-555395256	G	$((-1-2)*3^{\wedge}4-5)*(6^{\wedge}7+8+9)$
-495773409	G	$1*2-(3^{\wedge}4+5)*(6+7^8)-9$	-559185689	G	$-1+(23-4*5*6)*7^8+9$
-495773412	G	$1-2-(3^{\wedge}4+5)*(6+7^8)-9$	-559186289	G	$-1-(23*4+5)*(6+7^8)-9$
-498286350	G	$-1-2+(-3-4*5/6^{\wedge}-7)*89$	-562500001	G	$-1-2*3*4*5^{\wedge}(-6+7+8)*9$
-499122128	G	$-1-(2-(3-4^{\wedge}(5+6)*7)*(8+9))$	-564950321	G	$-1-2*((3+4)^{\wedge}(5+6)/7-89)$
-499122194	G	$-1-(-2+3+4^{\wedge}(5+6)*7)*(8+9)$	-570713841	P	$-(-1*2*3^{\wedge}4+(-5-6)/-7^{\wedge}-8)*9$
-499122200	P	$-(1+23)-4^{\wedge}(5+6)*7*(8+9)$	-570715206	G	$1+23*4+(-5-6)*7^8*9$
-499122279	G	$-1-(2*3+4^{\wedge}(5+6)*7)*(8+9)$	-570715207	G	$1*23*4+(-5-6)*7^8*9$
-499122891	G	$-1-(2*3+4^{\wedge}(5+6))*7*(8+9)$	-570715279	G	$1+23-4+(-5-6)/7^{\wedge}-8*9$
-501537165	G	$(1*2/3+(4+5))*(6-7^8)*9$	-570715303	G	$1+2-3-4+(-5-6)/7^{\wedge}-8*9$
-501538209	P	$(-1*2/3-(4+5))*(-6-7^8)*9$	-570715304	G	$1*2-3-4+(-5-6)/7^{\wedge}-8*9$
-501645240	G	$((1+23)^{\wedge}(4-(5-6))*-7+8)*9$	-570716757	G	$(-1*2*3^{\wedge}4-(5+6)*7^8)*9$
-501645384	G	$((-1-23)^{\wedge}(4-5+6)*7-8)*9$	-571615073	P	$1-2+(3/4-5)*(-6^{\wedge}7-8^9)$
-502282161	G	$-1-2^{\wedge}(34-5)+6*(7^8-9)$	-573114376	G	$1-(23*4)^{\wedge}(5+6-7)*8-9$
-507302530	P	$-1+2*3*(-4+(-5-6)/-7^{\wedge}-8)-9$	-575999276	G	$-1+23-((4^5)^6-78)*9$
-507807681	G	$-1-2*34^5*(6-7/(8+9))$	-576108282	G	$-1-(2+(3+4)^{\wedge}-5*(6*7)^8)+9$
-510027320	G	$-1-(2-(3+4/5)*(6+7-8^9))$	-576108289	G	$-1+(2-345)*6^{\wedge}(7-8+9)$
-510027394	G	$1-2+(3-4/5-6)*(7+8^9)$	-577787904	G	$(1-2+345)*-6^{\wedge}(7-8+9)$
-510027396	G	$-1-2+(3-4/5-6)*(7+8^9)$	-578813947	G	$-1+2*(3-4^{\wedge}(5+6)*(78-9))$
-510027529	G	$-1-(2+(3+4/5)*(6*7+8^9))$	-579467523	G	$-1-2-345*6^{\wedge}(7-8+9)$
-511999495	G	$1-2*3*(4*5)^6-7*-8*9$	-588008787	G	$-1-2+(3-4*5)*6*(7^8-9)$
-511999496	G	$-1*2*3*(4*5)^6-7*-8*9$	-588009730	G	$1-2-3*((-4-5*6)*-7^8+9)$
-511999918	G	$-1*2*3*(4*5)^6-(7-89)$	-588261810	G	$-1-2-(3+4)^5*(6^{\wedge}7/8+9)$
-512577912	G	$-1-(2+3*((4+5+6)^7-8*9))$	-589560895	G	$-1+23*(5-(6^{\wedge}7+8)*9)$
-512578344	G	$-1-(2+3*((4+5+6)^7+8*9))$	-591396867	G	$-1-2-3*4^{\wedge}(5+6)*(7*8-9)$
-517425840	P	$-(-1*(2*3+4)*(5^6-7^8))*9$	-593763041	G	$-1-(((2+3+4+5)^6+7)/8+9)$
-518830092	P	$(1*2*(3^4-5*(-6-7^8)))*9$	-594823187	G	$1-2-(34-5)^6-(-7-8)*9$
-518831172	G	$(1*2*(3^4-5*(6+7^8)))*9$	-594823457	G	$1-2-(34-5)^6+(-7-8)*9$
-518831271	P	$-1-2-3*(-4-5*-6*(-7^8+9))$	-599539290	G	$1+2*(3+(-4+56)*7^8)+9$
-518832132	G	$-1-2-3*(4+5*6*7^8+9)$	-603979850	P	$-(-1*2)-((3-(4-5))^{\wedge}(6+7)+8)*9$
-518832891	P	$-1-2-3*(-4-5*6*(7^8+9))$	-604800001	G	$-1-((2+3)^*4)^5*(6+(7+8))*9$
-518832897	P	$1+2+(-34-56)*(-7^8-9)$	-605280320	G	$-1*((2*(3^4+5))^6-7*8^9)$
-518833008	G	$(-1*2*(3^4-5*(6-7^8)))*9$	-605304094	P	$1-2-3*(-4-5)-(-6+7-8)^{\wedge}-9$
-518834088	G	$(-1*2*(3^4+5*(6+7^8)))*9$	-608394241	P	$-1-(-2-3^{\wedge}-4)*-5/6^{\wedge}-(-7+8+9)$
-520238340	G	$(1*(2-3^4)*(5^6+7^8))*9$	-608440897	P	$-1-((2/3)^{\wedge}-4+5)*6^{\wedge}(-7-8)+9$
-521799772	P	$(-1+234)*(-5+6^{\wedge}7+8-9)$	-610154207	G	$-1-2*((3*(4-5+6))^{\wedge}7+8^9)$
-524030842	G	$-1-(234*(-5+6^{\wedge}7)*8+9)$	-611068897	G	$(-1*2*3^{\wedge}4+56)*7^8+9$
-524051659	G	$-1-234*((5+6^{\wedge}7)*8+9)$	-611798049	G	$-1-2+3/4*(5-(6+7)^8)-9$
-525218766	G	$(1-2*((3+4)^5)^6/7-8-9)$	-616108025	P	$-(-1*(2^3+4^5)^6)+7-8^9$

-616108039	P	$-(1*(2^3+4*5)^{6+7})-8^9$	-674481693	G	$-1-2-3*((-45+6)^*-7^8-9)$
-622125000	G	$(-1*(-2+3^4)^*5^6)^*7^8*9$	-674481709	G	$1-2-(3*(45-6)/7^8-8-9)$
-622579986	G	$(-1*(2-(3+4)^{-5})^*6^*7^8)^*9$	-674481711	G	$-1-(2+3*(45-6)^*7^8)+9$
-622592334	G	$(1*2*((3+4)^{-5-6})^*7^8)^*9$	-674481729	G	$-1-(2+3*(45-6)^*7^8)-9$
-622598429	G	$1+2*(34+5-6/7^8-8^9)$	-674481795	G	$(1-23+4+5)^*(6+7^8*9)$
-622598619	G	$-1-2-3*4*(-5+6+7^8)^*9$	-674482773	G	$-1-2-3*(45-6)^*(7^8+9)$
-622604682	G	$(-1*2*((3+4)^{-5+6})^*7^8)^*9$	-675281289	G	$-1-23*(4^4(5+6)^*7-8^9)$
-622617030	G	$(1*(-2-(3+4)^{-5})^*6^*7^8)^*9$	-675283034	G	$-1-23*4^4(5+6)^*7-89$
-623589532	G	$-1-(23+4*((5+6)^{7*8+9}))$	-675284601	G	$-1-23*(4^4(5+6)^*7+8^9)$
-629047296	P	$(1+23)^4(4-5+6)^*-(7+8^9)$	-676599400	G	$-1-(2-3-4^5)^6*(7-8/-9)$
-634128201	G	$-1+(2*3+4)*((-5-6)^*7^8-9)$	-676603126	G	$-1-(2+3)^{-4}*5^6*(7+8)^9$
-636095939	G	$-1-2-34^5*(6+7-(8-9))$	-677734376	G	$-1-(2+345)/(6+7-8)^{-9}$
-637873992	G	$(1*(2-3^4/5^6)^*7^8)^*9$	-678087021	G	$-1-(-2-3)^*(4-(5*6^7+8^9))$
-637876008	G	$(1*(-2-3^4/5^6)^*7^8)^*9$	-681531232	P	$-1-(2-34^5+6)^*-(7+8)+9$
-639999978	G	$-1+23+(4^5)^6*(7-(8+9))$	-681531250	P	$-1-(2-34^5+6)^*-(7+8)-9$
-640000024	G	$-1+23+(4^5)^6*(7-(8+9))$	-681531363	G	$-1-2+34^5*(6/(7-8)-9)$
-640000033	P	$-1-2-(-3-(4^5)^6)^*(-(-7+8+9))$	-681531444	P	$(-(-1-(2-34^5))-6)^*(7+8)-9$
-644245123	G	$1^2+3-4/5*(6*(7+8^9))$	-685283501	G	$-1-2-34*(5+6^7*8^9)$
-644245133	P	$-(1^2+3)-4/5*(6*(7+8^9))$	-685284859	G	$1-2-34*(5+6^7*8)^*9$
-644753663	G	$1-(23^4)^5(5-(6-7)^8)^*9$	-686011320	G	$1-2+(3-4^5)^*(6-(7-8))^9$
-644753665	G	$-1-(23^4)^5(5-(6-7)^8)^*9$	-686129016	G	$-1-((2-(3+4^5))^6+7)^*8+9$
-645657799	P	$-1+2*(-34-56/7^8-8^9)$	-687865851	G	$-1+2*(3+4^5(5+6)^*(7-89))$
-645658789	P	$-1+2*(-34-56*(-7^8-9))$	-688500424	G	$-1+(2-3^4(4+5))^*(6^7/8-9)$
-645700545	G	$(1*(2-3^4(4^5-6))^*(7+8))^*9$	-688570392	G	$-1-2-3^4(4+5)^*(6^7/8-9)$
-645701085	P	$(-1*(-2-3^4(4^5-6))^*(7+8))^*9$	-688747032	P	$(-1*(2*3^4(4^5-6))+7)^*8^*9$
-646217673	P	$-1+2^3*(-(4^5)^6+7)-8^9$	-688747465	P	$-1-(2/3^4)^{-(-5-(6-7))}+8^*9$
-650011393	P	$-1-(23/4+5)^6*(-(7-8)+9)$	-688747528	G	$1-2-3^4(4+5)^6*7/8+9$
-653625000	G	$(1*(-2-3^4)^5*6)^*7^8*9$	-688748040	G	$(-1*2*3^4(4^5-6)-7)^*8^*9$
-657187333	G	$-1+2*((3-4-56)^*7^8-9)$	-688994686	G	$-1-(2+3^4(4+5))^*(6^7/8+9)$
-660049722	G	$(-1*2/3^4(4^*-5+6))^*(78-9)$	-691775964	G	$-1-23-4^5*(6^*7^8-9)$
-661937501	G	$-1-2*34^5*6^*7^8*9$	-691776077	G	$1+2*3-4*(5^*6^*7^8-9)$
-662563239	G	$-1-2-34*((5+6)^7-8-9)$	-691777223	P	$-1*23-4^5*6^*-(-7^8-9)$
-662563536	G	$-1-2-34*((5+6)^7-8)+9$	-691777224	P	$-1-23-4^5*6^*-(-7^8-9)$
-662563553	P	$-(1^2)-34*((5+6)^7-8)-9$	-697932200	G	$-1+23+(4/5-6)^*(7+8^9)$
-662563783	G	$-1-(2+34*((5+6)^7+8-9))$	-697932246	G	$-1-23+(4/5-6)^*(7+8^9)$
-662564080	G	$-1-2-34*((5+6)^7+8)+9$	-699168227	G	$-1-2*(3+4)^5(5+6)/7-8^9$
-662564393	G	$1-2-34*((5+6)^7+8+9)$	-702810000	G	$(1*(2+3)^4*(-5^6+7))^*8^*9$
-662564395	G	$-1-2-34*((5+6)^7+8+9)$	-703305732	P	$-(1+(2^4-3^4)^5-6)^*7^8-9$
-666666663	P	$1-2/3*(-(4-(5-(-6-(7-8))))^9)$	-703440000	G	$(-1*(2+3)^4*(5^6+7))^*8^*9$
-667774627	G	$(1*(2*3^4-4+5)^*(6-(7+8^9)))$	-704643100	G	$1-2-3*(4^4(5+6)^*7^8+9)$
-669687665	P	$-1+(2*3)^4-5*(-(6^7-8^9))$	-705438723	G	$-1-2+(-3-4)^5*6^*7^8*9$
-669688727	P	$-(1-234)+5*(6^7-8^9)$	-705911752	P	$-(1+2*3^4)^5(5-(6-7)^8)+9$
-669688882	G	$-1-(2-3^4-5*(6^7-8^9))$	-705911761	G	$(1+2/3^4)^5(5+6-7)^*(8-9)$
-669688929	G	$-1-(2-34-5*(6^7-8^9))$	-705911770	P	$-(1+2*3^4)^5(5-(6-7)^8)-9$
-669688988	G	$-1-(23+4-5*(6^7-8^9))$	-707628218	G	$(-1+(2^4-3+4)^5*6)^*(-7^8+9)$
-669688997	G	$-1-(2+34-5*(6^7-8^9))$	-709070535	G	$-1-2-(3+4^5*6)/7^8-9$
-669690257	P	$-1-(2*3)^4-5*(-(6^7-8^9))$	-718893697	G	$1-2-3*((4^5-6)^7+8^9)$
-670808805	G	$-1+23^4+5*(6-7-8^9)$	-722487800	G	$-1+2*(-34^5+6^7)^*8+9$
-671088313	G	$(1-2+3)^*-4-5*(-(6^7+8^9))$	-723235209	G	$-1-(2/3^4)^5(6+7^8-9)$
-671088333	G	$-1-23-4+5*(6^7-8^9)$	-723354624	P	$(1*2*(3^4-5))^*6^7*(-(8+9))$
-671088386	G	$((1-2)*3^4+5*(6^7-8^9))$	-724396176	G	$(-1*(-2-3^4)^*(5^6-7^8))^*9$
-671088467	P	$1^2*3^4-5*(-(6^7-8^9))$	-724500001	G	$-1-23*4^5*6^*7^8*9$
-671088880	G	$-1-(234-5*(6-7-8^9))$	-726364903	G	$1*23+(4^*-5+6)/7^8-8^*9$
-671088934	G	$1-(-2-3)^*(4-5-6-7-8^9)$	-726364948	G	$1-23+(4^*-5+6)/7^8-8^*9$
-671089012	G	$-1*2*3^4-5*(6^*7+8^9)$	-726965722	G	$-1-(2*(34^5-67)^*8+9)$
-671089085	G	$-1-(234+5*(6^*7+8^9))$	-726966240	G	$-1-(2*34^5-67)^*8+9$
-671089872	G	$-1-((2*3)^4-5*(6+7-8^9))$	-728333676	G	$(-1*(2+3^4)^*(5^6+7^8))^*9$
-671323231	P	$-(1-23)^4-5*(6^7+8^9)$	-728998705	G	$-1+(2*3)^4-(5^6)^7(7+8-9)$
-671368147	G	$-1-(23^4-5*(6^7-8^9))$	-728999497	G	$-1-(2/3^4)^5(6-7^*-8^9)$
-671368487	G	$-1-23^4+5*(6-7-8^9)$	-728999767	G	$-1+234-(5^6)^7(7+8-9)$
-671420081	P	$-(1+23)^4-5*(-(6^7+8^9))$	-728999974	G	$-1+(23+4)-(5^6)^7(7+8-9)$
-672208480	G	$-1+23^4-5*(6^7+8^9)$	-729000020	G	$-1-(23-4+(5^6)^7(7+8-9))$
-672488159	G	$-1+2*3^4-5*(6^7+8^9)$	-729000037	G	$-1-(2+34)-(5^6)^7(7+8-9)$
-672488412	G	$-1*23^4-5*(6^7+8^9)$	-729000088	P	$-(1+(2/3^4)^5)^6-(78+9)$
-672488555	P	$-(1+234)-5*(6^7+8^9)$	-729000092	G	$-1*23^4-(5^6)^7(7+8-9)$
-672768162	G	$-1-23^4-5*(6^7+8^9)$	-729000097	P	$-(1+(2/3^4)^5)^6-(7+89)$
-674398536	G	$-1-(-2+3^4(4+5+6))^*(7^8-9)$	-729000162	G	$-1*2*3^4-(5^6)^7(7+8-9)$
-674398632	G	$-1-(2+3^4(4+5+6))^*(7^8-9)$	-729000235	G	$-1-234-(5^6)^7(7+8-9)$
-674402663	G	$(1*2*3^4-4+5)^*(6-(7+8^9))$	-729001297	G	$-1-(2*3)^4-(5^6)^7(7+8-9)$
-674481639	P	$-(1-23+4+5)^*(6-7^8*9)$	-729808891	G	$-1+2*(3-4^5(5+6)^*(78+9))$

-731445752	G	$-1+2*(-34^5-6^7)*8+9$	-805305516	P	$(-1*2*-3^4)*5-6*(7-8^9)$
-733723619	G	$-1-(2/3^4/5-6)*(-7-8^9)$	-805305600	G	$(1*2*3^4)*5-6*(7+8^9)$
-734764811	G	$-1-((2/3^45)^6+7^8)-9$	-805306135	P	$-(1-234)-(5-6+7)*8^9$
-735893377	G	$-1+2^{\wedge}(3+4)*(5^6-(7^8-9))$	-805306147	G	$-1+2*3*(4*(5+6)-7-8^9)$
-737894273	P	$-1+2^{\wedge}(-3-4)*(5+6-7^8-9)$	-805306618	G	$-1-23*(4+5)-6*(7+8^9)$
-737895553	P	$-1+2^{\wedge}(-3-4)*(-(5-(6-7^8))-9)$	-805306773	G	$-1-(2-(3-4-5)*(6+7+8^9))$
-737895809	G	$-1+2^{\wedge}(3+4)*(5-(6+7^8)-9)$	-805307136	G	$(-1*2*3^4)*5+6*(7-8^9)$
-737901706	P	$-1-2^{\wedge}(3+4)*(56+7^8)-9$	-805307158	P	$-(1+2^{\wedge}(3*(4+5))^6)-789$
-738197507	G	$-1-2+(3-(4+5)/6-7)/8^{\wedge}-9$	-805307220	G	$(-1*2*3^4)*5-6*(7+8^9)$
-739894538	P	$-(1+2^{\wedge}(3+4)*(5^6+7^8))-9$	-805307356	G	$-1-(2+3+4^5-6*(7-8^9))$
-743659321	G	$1-2-(3*45-6)/7^{\wedge}-8+9$	-805307359	G	$-1-(2^3+4^5-6*(7-8^9))$
-743659323	G	$-1-2-(3^45+6)*7^8+9$	-805307374	G	$-1-(23+4^5-6*(7-8^9))$
-743660493	G	$-1-2-(3*45-6)*(7^8+9)$	-805307618	P	$-1-(2*3)^4+5-6*(7-8^9)$
-745875001	G	$-1-2*34^5*6*78^9$	-805308816	P	$-((1-2^3)^4+5)-6*(7+8^9)$
-746143155	G	$(-1*2/3^{\wedge}(-4*5+6))*78+9$	-805310423	G	$-1-(2^{\wedge}(3+4+5))-6*(7-8^9)$
-746143173	G	$(-1*2/3^{\wedge}(-4*5+6))*78-9$	-805311408	P	$G(-(-1-2)+3)*-(4^5*6*7+8^9)$
-746143233	G	$(-1-2/3^{\wedge}(-4*5+6))*78+9$	-805312471	G	$-1-(2*3/4^{\wedge}-5-6*(7-8^9))$
-748421117	G	$1+2+((3/4)^5*6+7)/-8^{\wedge}-9$	-805312976	P	$-((1+2^3)^4+5)-6*(7+8^9)$
-752467971	G	$-1-2+(3^4)^5*6*7*-8^9$	-805318331	P	$(1-2^3)^4*5-6*(7-8^9)$
-759870905	G	$-1-2+34^5+6*(7-8^9)$	-805323136	G	$-1-2-((3+4)^5)-6*(7-8^9)$
-765904899	G	$-1-2+(3^4-5)/(6*(7-8))-^{\wedge}-9$	-805326012	G	$-1-2-(3^{\wedge}(4+5))-6*(7-8^9)$
-768141298	G	$-1-(-2+345)*(6^{\wedge}7^8-9)$	-805345693	G	$-1-(2*3^{\wedge}(4+5))-6*(7-8^9)$
-769015625	G	$(1*(2-3^4)*5^6)*7*89$	-805586245	G	$1-23^4+5-6*(7+8^9)$
-770929974	G	$(1*2*3^4)*(5-6^{\wedge}7)*(8+9)$	-805586247	G	$-1-23^4+5-6*(7+8^9)$
-770942934	G	$(1*2*3^4)*(5-6^{\wedge}7*(8+9))$	-805803991	G	$-1+(2*(3^{\wedge}-4)^5-6*(7+8^9))$
-770944554	G	$(-1*2*3^4)*(5+6^{\wedge}7*(8+9))$	-806705531	P	$(-1*23^4)*5-6*(7-8^9)$
-770957514	G	$(-1*2*3^4)*(5+6^{\wedge}7)*(8+9)$	-807953125	G	$(1*(-2-3^4)*5^6)*7*89$
-771751895	G	$-1+(2^3*4)^5+6*(7-8^9)$	-812835675	G	$-1-(2+(3^4+5+6)*(7^8-9))$
-772401066	P	$1+2+(34^5-67)*-(8+9)$	-812838213	P	$-1-2+(3^4+5+6)*-(7^8+9)$
-772401990	G	$-1-2-(34^5-6-7)*(8+9)$	-813694935	G	$-1-(2^{\wedge}(3+4^5))-6*(7-8^9)$
-772402432	G	$-1-(2+(34^5+6+7)*(8+9))$	-814254262	P	$-1-2+(3/45+6)*-(7+8^9)$
-774840947	P	$1*2*(-(3*(4+5))^6+7)+8+9$	-815729412	G	$-1+(2*3)^4+5-(6+7)^8+9$
-774841010	G	$-1-(2*((3*(4+5))^6+7)+8)-9$	-815729422	G	$-1+(2*3)^4-5-((6+7)^8-9)$
-774841066	G	$-1-2*(3*(-4-5))^6-78-9$	-815731120	G	$((1+2-3^4)^5-(6+7)^8)-9$
-774841075	G	$-1-2*(3*(-4-5))^6-7-89$	-815731210	G	$(-1-23)*4^5-((6-7)^8-9)$
-774841131	G	$-1+2*(-3^4+5+6*(7-8^9))^{\wedge}9$	-815731522	G	$(-1*2*3^4)*5-(6+7)^8+9$
-777099213	P	$-1*(-2-345)*-(6^{\wedge}7^8-9)$	-815731540	G	$(-1*2*3^4)*5-((6+7)^8+9)$
-778247355	P	$-1-2-3*(-45*(6-7^8)-9)$	-815732004	G	$-1-(2*3)^4+5-(6+7)^8+9$
-778247733	G	$-1-2-3*45*(6+7^8-9)$	-815732014	G	$-1-(2*3)^4-5-((6+7)^8-9)$
-778248112	G	$1*23+(-4-(5+6))*7^8+9$	-815737278	P	$-((1+2^3)^4+5+(6+7)^8)+9$
-778248157	G	$1-23+(-4-(5+6))*7^8+9$	-815737296	P	$-((1+2^3)^4+5+(6+7)^8)-9$
-778250163	G	$-1-2-3*45*(6+7^8+9)$	-815751192	P	$-((1*2^3)^4+5+(6+7)^8)+9$
-784240705	G	$-1-(2+(3+4)^5)*6^{\wedge}(7+8-9)$	-816228377	G	$-1-2/(3^4)^{\wedge}-5-(6+7)^8+9$
-784406916	G	$(1*2/3^{\wedge}(-4*5+6))*7(8-9)$	-816292974	G	$-1-2+3^4*(4^5-6*(7-8^9))^{\wedge}9$
-786060307	G	$-1-(2+(3+4+5)*6^{\wedge}7^8)*9$	-827675995	G	$-1-(2/3+4-(5/6-7)/8^{\wedge}-9)$
-788529149	G	$1+2-3/4*(5/6+7)*8^9$	-827881344	G	$1*(2*3)^4*(5^6-7^8)/9$
-789777729	G	$1-2-(3^4+56)*7^8+9$	-830131447	G	$-1+2*(3*4*(-5-6*7^8)+9)$
-791015627	G	$-1*2-3^4*5^{\wedge}((6-7)^8+9)$	-830132433	G	$(-1-23)*(45-6/-7^8-9)-9$
-795542334	G	$-1-(2+(3+4^5)*6/7^{\wedge}-8-9))$	-831409921	G	$-1-(2+3/4)*5/6^{\wedge}(7-8-9)$
-795542550	G	$-1-2+(-3-4^5)*6/7^{\wedge}-8-9$	-832236606	G	$(-1*2/3^{\wedge}(-4*5+6))*7(8+9)$
-795543583	P	$-(1+23*(45-6/-7^{\wedge}-8))-9$	-832381344	G	$-1*(2*3)^4*(5^6+7^8)/9$
-795543783	P	$-1-2+(3+4^5)*6*(7^8-9)$	-836448769	G	$-1-(2+3^4)*5*(5+(6-7)^8)^{\wedge}9$
-796358564	G	$-1-2+(3/45-6)*7^8+9$	-838312501	G	$-1-2*34^5*6*789$
-803626755	G	$-1-2+(-3+4+5)*(6^{\wedge}7-8^9)$	-843308072	G	$-1-((2*3-(4^{\wedge}-5+6)^7)*8-9)$
-805026656	G	$-1+23^4+5-6*(7+8^9)$	-846526394	P	$1*(-2-3^4)*-(5-6^{\wedge}(-7-(-8-9)))$
-805057497	G	$-1-(2-(3*4)^5-6*(7-8^9))$	-846526534	G	$-1*(-2-3^4)*5*(5-6^{\wedge}(-7-(-8-9)))$
-805057581	G	$-1-2-(3^{\wedge}-4)^5-6*(7+8^9)$	-847086507	G	$1-2-34*(5+6^{\wedge}7*89)$
-805285846	P	$(1*2)^{\wedge}(3*4)*5-6*(7-8^9)$	-847101469	G	$-1-(2+34*(5+6^{\wedge}7)*89)$
-805286646	G	$-1-2+3^{\wedge}(4+5)+6*(7-8^9)$	-850045658	G	$-1-(2+(3^{\wedge}(4+5)+6)*(7+8^9))$
-805298551	G	$-1-((2/3^{\wedge}-4))^{\wedge}-5-6*(7-8^9))$	-850741753	G	$-1-(2+34^5-6*(7-8^9))$
-805302235	G	$1*2^{\wedge}(3*4)-(5-6*(7-8^9))$	-851367237	G	$-1-2*(3^{\wedge}(4*5-6)-7)*89$
-805303257	G	$-1-(2-3/4^{\wedge}-5-6*(7-8^9))$	-851369729	G	$-1-2*(3^{\wedge}(4*5-6)+7)*89$
-805303341	G	$-1-2+3^4*5-6*(7+8^9)$	-854112820	G	$(1*2/(3+4/-5))*(6-7*8^9)$
-805305026	P	$-1+(2*3)^4+5-6*(7-8^9)$	-854296431	G	$-1-(2+3)*((4+5+6)^7-89)$
-805305036	G	$-1+(2*3)^4-(5-6*(7-8^9))$	-855638019	G	$-1-2+(3/4^5/-6+7)/-8^{\wedge}-9$
-805305119	G	$(1*2*3)^4-5-6*(7+8^9)$	-859938792	P	$-1-2-3*(-4^5*(-6^{\wedge}7+8)+9)$
-805305280	G	$-1+23+4^5+6*(7-8^9)$	-859963179	G	$-1-(2+3*(4^5*6^{\wedge}7-8^9))$
-805305308	G	$-1-(2+3-4^5-6*(7-8^9))$	-859963362	G	$-1-(2+3*(4^5*6^{\wedge}7-8^9))+9$
-805305311	G	$(-1-2)*3+4^5+6*(7-8^9)$	-859963446	G	$-1-2-3*(4^5*6^{\wedge}7+8+9)$
-805305326	G	$-1-23+4^5+6*(7-8^9)$	-859963611	G	$-1-(2+3*(4^5*6^{\wedge}7+8^9))$

-859987944	G	$-1-2-3*(4^5*(6^7+8)-9)$	-933899553	G	$(-1*2^3*3^4)*(5+6+7^8)-9$
-859987962	G	$-1-(2+3^4*5*(6^7+8)-9)$	-933901002	G	$-1*2^3*3^4*(5+6+7^8+9)$
-860236803	G	$-1-2-3^4*5*(6^7+89)$	-933901164	P	$(-1*2^3*3^4)*(-5*6-7^8+9)$
-864719249	G	$1-(2/-3+4)*5*(-6+7^8)*9$	-933902613	P	$(-1*2^3*3^4)*(-5*6-7^8)+9$
-864721049	G	$1+(2/-3+4)*5*(-6-7^8)*9$	-933902631	P	$(-1*2^3*3^4)*(-5*6-7^8)-9$
-866531250	G	$(1*(2-3^4)*5^6)*78*9$	-933904080	G	$(1*2^3*3^4)*(-5*6-(7^8+9))$
-866681859	G	$-1-2+(3^4+5)*(6*(7-8))^9$	-933905376	G	$-1*2^3*3^4*(56+7^8-9)$
-868222306	P	$-1+(2^3*(-4^4-(-5-6)-7)+8)*9$	-933906825	G	$(-1*2^3*3^4)*(56+7^8)+9$
-868751250	P	$-(1*2+3)^4*(5^6-7)*89$	-933906843	G	$(-1*2^3*3^4)*(56+7^8)-9$
-869201355	G	$-1-2-(345/6^4-7+8)*9$	-933908292	G	$-1*2^3*3^4*(56+7^8+9)$
-869226123	G	$-1-(2+345*(6^7+8)*9)$	-936427554	G	$(-1*2^3*3^4)*(5^6+7^8-9)$
-869530000	P	$-(1*2+3)^4*(5^6+7)*89$	-936429003	G	$(-1*2^3/3^4)*(5^6+7^8)+9$
-874795010	P	$-(1+(2+3)^4*(5/6^4-7-8))-9$	-936429021	G	$(-1*2^3/3^4)*(5^6+7^8)-9$
-876194663	G	$(1+(2+3)^4)*(-5*6^7+8)+9$	-936430470	G	$(-1*2^3/3^4)*(5^6+7^8+9)$
-876247472	G	$(-1*2^3*(-3^4+5))*(6-7^8+9)$	-937426947	P	$-1-(2+(-3+4-5)^6-7)*8^9$
-876248831	G	$(-1*2^3*(-3^4+5))*(6-7^8)+9$	-937564547	G	$-1-2+(3^4-5)*(6^7-8^9)$
-876248849	G	$(-1*2^3*(-3^4+5))*(6-7^8)-9$	-938124880	G	$(1+2^3)^4*5+6-7/8^9-9$
-876249296	P	$(-1*2^3*(-3^4+5))*(-6+7^8+9)$	-939399091	G	$-1+2^3*(3-4/-5^6-6)-7/8^9-9$
-876250208	P	$(1*2^3*(-3^4+5))*(-6-7^8+9)$	-939405999	G	$1-2+3^4(4+5)*6-7^8+9$
-876250655	P	$(-1*2^3*(-3^4+5))*(-6+7^8)+9$	-939414675	G	$-1-2-(3-4)*5(6+7-8^9)$
-876250673	P	$(-1*2^3*(-3^4+5))*(-6+7^8)-9$	-939458557	G	$1+2+(3^4-5/6-7)/8^9-9$
-876252032	P	$(-1*2^3*(-3^4+5))*(6+7^8+9)$	-939491331	P	$-1-2+(-3-4+5)^6-6+7/-8^9-9$
-882014529	G	$-1-2-3*((45+6)/7^8-8-9)$	-939519236	G	$(1*2^3*3^4)*5*6-7/8^9-9$
-882014545	G	$1-2-3*((45-6)/7^8-8+9)$	-939520128	G	$1-2+(3+4)*5(67-8^9)$
-882014565	P	$-(1+2+3*(45+6)*7^8)-9$	-939520130	G	$-1-2+(3+4)*5(67-8^9)$
-882015933	G	$-1-2-3*(45+6)*(7^8+9)$	-939522623	P	$1+2+(-3-4)*(-5*6*7-8^9)$
-885474816	P	$-1*2^3(3+4)/5*(6*(-7^8-9))$	-939522921	G	$-1+2^3*5+6-7*8^9$
-887503563	G	$-1-((2+34-5)^6-7*(8+9))$	-939523401	G	$-1+2^3*345+6-7*8^9$
-888468048	G	$(-1+2-3^4/5^6-6)*78*9$	-939523595	G	$-1-(2-(3+4)*(5+67-8^9))$
-888469452	G	$(1-2-3^4/5^6-6)*78*9$	-939524463	G	$-1-2^3*45-6-7/8^9-9$
-895562501	G	$-1-2^3*4*5^6*7*89$	-939524909	G	$-1-2-3*45*6-7*8^9$
-895999865	G	$-1+2*((-3-(4^5)^6)*7+89)$	-939525449	G	$-1-((2^3)^4+56)-7*8^9$
-898741532	G	$-1-2-((3+4)^5)^6-7*8^9$	-939526441	P	$-(1-2^3)^4+56-7*8^9$
-899307555	G	$-1-2-3*(-4+56)*(7^8-9)$	-939526448	P	$-(1+(2345+6))-7/8^9-9$
-899308932	G	$-1-2+3*((4-56)*7^8+9)$	-939527555	P	$-(1+(2+3456))-7/8^9-9$
-903260160	P	$(1+2-3^4)*(-5/6^4-(-7+8+9))$	-939527937	G	$-1-2^3(3+4)*5*6-7*8^9$
-905072806	G	$1*(2^3*3^4-5)*(6-7^8)+9$	-939528068	G	$-1-2-(3+4)*5(67+8^9)$
-905072824	G	$1*(2^3*3^4-5)*(6-7^8)-9$	-939528956	G	$(1*2^3*3^4)*-5*6-7/8^9-9$
-905073286	G	$(-1*2^3*3^4+5)*(6+7^8-9)$	-939530601	P	$-(1+2^3)^4+56-7*8^9$
-905074228	G	$(-1*(-2^3*3^4+5))*(6-7^8-9)$	-939530713	P	$-((1+2^3)^4+56)-7*8^9$
-905074690	G	$(-1*2^3*3^4+5)*(6+7^8)+9$	-939539097	G	$-1+(2+3)^4-5^6-7*8^9$
-905074708	G	$(-1*2^3*3^4+5)*(6+7^8)-9$	-939540347	G	$-1-(2+3)^4-5^6-7*8^9$
-910406250	G	$(1*(-2-3^4)*5^6)*78*9$	-939547553	G	$-1-2^3*456-7*8^9$
-912680576	P	$-1+2^3(4/5+6)*(-7+8^9)$	-939556867	G	$-1-2-((3-4+5)^6-6+7)/8^9-9$
-912680622	P	$-1-2^3(4/5+6)*(-7+8^9)$	-939586603	G	$1-2^3-4*5^6-7*8^9$
-918423360	G	$(-1*2-3^4(4+5))*6^7(7+8-9)$	-939589629	G	$1+2+(3^4-5/6+7)*-8^9$
-918423361	G	$-1-(2+3^4(4+5))*6^7(7+8-9)$	-939633425	G	$-1-(2+(3+4)*(5^6-(7-8^9)))$
-922640649	G	$-1-2^3+4^5/6/(7-8)*9$	-940789721	G	$(-1+2)/3^4-4*5^6-7*8^9$
-931365054	P	$(-1*2^3/3^4)*(-5^6-7^8+9)$	-941181111	P	$1+(-2-3^4-4)+5*(6-(7+8^9))$
-931366503	P	$(-1*2^3/3^4)*(-5^6-7^8)+9$	-941483686	G	$-1-2-(3+4)*(5+6^7+8^9)$
-931366521	P	$(-1*2^3/3^4)*(-5^6-7^8)-9$	-941545052	G	$-1-((2^3*4)^5+6)/7+8+9$
-931367970	G	$(1*2^3/3^4)*(5^6-(7^8+9))$	-941621251	G	$-1-(2+((3+4-5)^6-6+7)*8^9)$
-933855395	P	$-1-2+((3/4)^4-(-5-6)-7)*8^9$	-945192803	G	$-1-(2+((3/4)^4(5+6)+7)*8^9)$
-933887232	P	$(-1*2^3*3^4)*(-56-7^8+9)$	-945427356	G	$1-2+(34^5-5+6)*7^8+9$
-933888681	P	$(-1*2^3*3^4)*(-56-7^8)+9$	-945427358	G	$-1-2-(34^5-6)*7^8+9$
-933888699	G	$(1*2^3*3^4)*(56-7^8)-9$	-945428843	G	$-1-2-(34^5*6)*(7^8+9)$
-933890148	G	$1*2^3*3^4*(56-7^8-9)$	-948721610	G	$-1+2-3-((4^5-6)^6+7^8)*9$
-933891444	G	$(1*2^3/3^4)*(5^6-7^8+9)$	-949321859	G	$-1-(2+(3+4)*(5^6*7+8^9))$
-933892893	G	$(1*2^3*3^4)*(5^6-7^8)+9$	-954143896	G	$1-2-34^5*(6+7+8)+9$
-933892911	G	$(1*2^3*3^4)*(5^6-7^8)-9$	-954650052	P	$(-1*2^3*(4/5)^6-(6-7^8)))*9$
-933894360	G	$(1*2^3*3^4)*(5^6-7^8-9)$	-955195192	G	$-1*2^3*3^4*56-7*8^9$
-933894522	G	$1*2^3*3^4*(5+6-7^8+9)$	-958103552	G	$(1+2^3)^4*56-7*8^9$
-933895971	P	$(-1*2^3*3^4)*(-5+6-7^8)+9$	-959999997	P	$1*(-2^3+4^5)^6*(-7+8)+9$
-933895989	P	$(-1*2^3*3^4)*(-5+6-7^8)-9$	-967130495	P	$1+2^3*4*(-56*7-8)*9$
-933896301	G	$1+2-3*(-4-5)*6*(-7^8+9)$	-968485047	G	$-1-(2-3*(4-56*(7^8-9)))$
-933897609	G	$(-1*2^3*3^4)*(5-(6-7^8))-9$	-968486532	G	$-1-(2-3*(4-56*7^8+9))$
-933897915	G	$(1*2^3*3^4)*(5-(6+7^8))+9$	-968486584	G	$1-2-3*(-4-56/-7^8-8+9)$
-933898797	G	$(-1-2*(3+(4+5)*(6+7^8)))*9$	-968488071	G	$-1-2+3*(4-56*(7^8+9))$
-933899383	G	$-1+2^3*3^4*(5-6-7^8-9)$	-973078506	G	$-1+2^3-(4^4(5-6)+7)/8^9-9$
-933899535	G	$(-1*2^3*3^4)*(5+6+7^8)+9$	-980015459	P	$-1-2-34*(-5*(6-7^8)-9)$

-980015663	G	$-1-2-34^5*(6+7^8-9)$	-1162261335	G	$-1-2+3*(45+(6-(7+8))^9)$
-980017202	G	$-1-2-34^5*(6+7^8)-9$	-1162261381	G	$-1-2-3^4(4^5+6-7)+89$
-980018723	G	$-1-2-34^5*(6+7^8+9)$	-1162261410	G	$-1-(2+3*(-4^5-(6-(7+8))^9))$
-983109096	G	$(-1*(-23+4)*(5^6-7^8))^9$	-1162261487	G	$-1-2-3^4(4^5+6-7)-8-9$
-985780857	G	$((1^2)^*(3+4)+5)*(6-7^8+9)$	-1162261559	G	$-1-2-3^4(4^5+6-7)-89$
-988452846	G	$(1^*(23+4)*(5^6+7^8))^9$	-1170254606	G	$-1-(2+(34-5)/(6-(7-8)))^9$
-993845520	G	$-1-(2-3^4(4-(5+6)^7)*(8+9))$	-1176017401	G	$-1-(2-34^5(5-6^7(7^8-9)))$
-994181123	G	$-1-2-3^4(4^5+6^7-8^9)$	-1176018931	G	$-1-(2-34^5(5-6^7+8+9))$
-998244347	G	$-1+2^*(3-4^5(5+6)^7*(8+9))$	-1176019228	G	$-1-(2-34^5(5-6^7+8)-9)$
-998244455	G	$-1+2^*(3-4^5(5+6)^7*(8+9))$	-1176019541	P	$1-2-34^5-(5-(6^7+8+9))$
-1003074329	G	$1+(2/3-4^5)^*(6+7^8)^9$	-1176019585	P	$-(1^2)-34^5(5-6/7^8-8)-9$
-1003074331	G	$-1+(2/3-4^5)^*(6+7^8)^9$	-1176021073	G	$-1-2+34^5(5-6^7+8+9)$
-1003075116	G	$-1-(2+(34-5)^*(6/7^8-8-9))$	-1176221085	G	$1+2+(3-45)^6(6+7-8)^9$
-1003076417	G	$1-(2/3-4^5)^*(6-7^8)^9$	-1176221087	G	$-1+2+(3-45)^6(6+7-8)^9$
-1003076419	G	$-1-(2/3-4^5)^*(6-7^8)^9$	-1176221089	G	$1-2+(3-45)^6(6+7-8)^9$
-1008000001	G	$-1-2^3(3+4)^5(6^7+8^9)$	-1176221091	G	$-1-2+(3-45)^6(6+7-8)^9$
-1009125001	G	$-1-23^4(4^5+6^7+8^9)$	-1176610292	G	$(1-2+3^4(4+5+6))^*(7-8-9)$
-1014603395	G	$-1-(2+(34^5+6)^*(7^8-9))$	-1176610377	G	$-1-(2-3^4(4+5+6)^*(7-8-9))$
-1023410179	G	$-1-2+(3/4^5/6+7)/8^9$	-1181321050	P	$-(1+2^*(34^5*(6+7)+8))-9$
-1024000170	G	$-1-(2+3(-3-(4^5)^6+7))^*(8+9)$	-1184287032	G	$-1+(2-((3+4^5)^6-7))^*(8+9)$
-1025156317	P	$-1+2^*(3^4(-4+5+6)^7-8-9)$	-1184287068	G	$-1-(2+((3+4^5)^6-7))^*(8+9)$
-1027924989	G	$1+2+(3^4+5)^6(-7-(8-9))$	-1184287121	P	$(-1^*23^4(-4-5)^6+7))^*(8-9)$
-1028043742	G	$-1-2-3^4(4^5+6-7)+8^9$	-1184287144	G	$-1+(2-(3+4^5)^6-7)^*(8+9)$
-1033121665	G	$-1-(2+3^4(4+5+6)+7)^*(8+9)$	-1184287180	G	$-1-2-(3+4^5)^6(6+7)^*(8-9)$
-1033121811	G	$-1-2-(3^4(4+5+6)+7)^*(8+9)$	-1189646524	G	$-1-(2^*(34-5)^6-7^*(8+9))$
-1034851680	P	$(1^*(2-3)^4*(5^6-7^8))^9$	-1193313209	P	$-(1^*23)^*(4-5^6+7^8+9)$
-1036251255	G	$-1-(2+(3+4^5)^6)^7-(8+9)$	-1193314405	G	$(1^*23)^*(4-5^6-7^8+9)$
-1037664192	G	$-1-(2+3^4(4+5+6)^7+8^9)$	-1195312501	G	$-1-2^*34^5^6(-6+7+8)^9$
-1037665803	G	$-1-2-3^4(4+5+6)^*(7^8+9)$	-1200725694	G	$-1^*(2^3)^4/56^7+8^9$
-1037665824	P	$1^*2^3(4-5^6)^*(7^8-9)$	-1201765249	G	$-1+(2^3-3^4^5)/6^7(7-8-9)$
-1040476680	G	$(-1^*(2+3)^4*(5^6+7^8))^9$	-1205440130	G	$-1+2-(3-(4+5)^*(6^7-8^9))$
-1041361921	G	$-1-(2+3)^4(4-5)/6^7(-7+8-9)$	-1205440152	G	$-1-(23-(4+5)^*(6^7-8^9))$
-1049760001	G	$-1-(2+3)^4(-4^*(5^6)^7-8+9)$	-1207958947	P	$1-2+3+(-4-5)^*(6-7-8+9)$
-1051372207	G	$-1-(2/3+4+(5/6+7)/8^9)$	-1207958973	G	$-1-23+(4+5)^*(6-7-8+9)$
-1060721729	G	$-1-(2^3(3+4)+56)^*(7^8-9)$	-1207959908	G	$-1+23-(4+5)^*(6^7+8^9)$
-1060725041	G	$-1-(2^3(3+4)+56)^*(7^8+9)$	-1207959932	G	$1+2-3+(-4-5)^*(6^7+8^9)$
-1062544353	G	$-1+2^3(3+4+(5^6+7^8-8^9))$	-1210606949	G	$1-(2/3+4)^5*(6+7^8)^9$
-1071794406	G	$-1+((2-3)-4)^*(5+6)^7(7-(8-9))$	-1210608148	P	$1-2+(-3-4)^*(5^6+7^8-9)$
-1072251869	G	$1-(2/3+4^5)^*(6+7^8)^9$	-1210608150	G	$-1-2+(-3-4)^*(5^6+7^8-9)$
-1072251871	G	$-1-(2/3+4^5)^*(6+7^8)^9$	-1210608204	G	$-1-2+(-3-4)^*(5^6+7^8+9)$
-1072254101	G	$1+(2/3+4^5)^*(6-7^8)^9$	-1210609469	G	$1+(2/3+4)^5*(6-7^8)^9$
-1072254103	G	$-1+(2/3+4^5)^*(6-7^8)^9$	-1220556673	G	$-1-(2+(3+4))^*(5/6^7+8^9)$
-1072758784	G	$(1+2^3(-3^4)^5)^*(6+7)^8-8^9$	-1220697500	G	$-1^*(2+3)^4(5^6(-6+(7+8))-9)$
-1073741706	G	$-1-(2^3(3+4)^5(5^6)-7^*(8-9))$	-1220701847	P	$-(1+(-2^3)^4(4-5^6(6+7)+8))-9$
-1073742059	G	$-1-234-56/7^8+9$	-1220701902	G	$-1+(-2^3)^4(4-5^6(6+7)-8^9)$
-1074724864	G	$(1-2^3(-3^4)^5)^*(6+7)^8-8^9$	-1220704439	P	$-(1+((-2^3)^4+5^6(6+7)+8))-9$
-1086491958	P	$-(1+2^3)^4(4+5^6(6+7)+8^9)$	-1220704494	G	$-1-(2^3)^4(4-5^6(6+7)-8^9)$
-1087559988	G	$-1-2-(3+4^5)^6(6-7^8+9)$	-1220708750	G	$-1^*(2+3)^4(4^5(5^6+7^8)+9)$
-1088000001	G	$-1-((-2-3)^4)^5(5-(6-7))^*(8+9)$	-1220709775	P	$-(1+2^3)^4(4-5^6(6+7)-8-9)$
-1088000067	G	$-1+2-(3+(4^5)^6+7)^*(8+9)$	-1223596057	P	$-1-2^*(3/4^5-(5-(6+7)^8)-9)$
-1088000071	G	$-1-2-(3+(4^5)^6+7)^*(8+9)$	-1241513987	G	$-1-2+(3/4^5-5+6+7)^*(8+9)$
-1088000112	G	$1+2^3+((4^5)^6+7)^*(8-9)$	-1241822016	P	$(-1^*2^3(4^5(5^6+7^8))^9)$
-1088000141	P	$1-23+((4^5)^6+7)^*(8+9)$	-1246000001	G	$-1-2^3(3+4)^5(6^7+8^9)$
-1088000143	P	$-1-23+((4^5)^6+7)^*(8+9)$	-1248355170	P	$(1+2+3^4(4+5+6))^*(78+9)$
-1088000173	G	$-1-(2-(3-((4^5)^6+7))^*(8+9))$	-1248439872	P	$-(1^*(2^3+4^5)^6)-7/8^9-9$
-1090450323	G	$-1-(2+(34^5+6)^*(7+8+9))$	-1248572016	G	$(-1^*2^3(4^5(5^6+7^8))^9)$
-1100585430	G	$-1-2-(3-4/5+6)^*(7+8+9)$	-1250961818	G	$-1-(2+(34-5))^*(6-7+8)^9$
-1120677606	P	$(1^*2^3(4^5)/5^6(6/7^8+8+9))$	-1273782265	P	$(-1+23)/-(4^5)^6+7+8^9$
-1120679064	P	$(-1^*2^3(4^5)/5^6(6^7-7^8-9))$	-1274023011	G	$1-2+(3-4^5)^6(7^8+9)$
-1130627069	G	$1+2+((3/4)^5(5^6-6-7))^*(8+9)$	-1277053524	P	$(-1^*2+3^4(4+5+6))-7)^*(8+9)$
-1134187501	G	$-1-23^4(4^5+6^7+8^9)$	-1279999969	G	$-1+23-(4^5)^6(6-7-8)+9$
-1135885603	G	$-1-(2+34^5(6^7+8-9))$	-1280000033	G	$-1-23-(4^5)^6(6-7-8)-9$
-1140850722	P	$(1^*2+(3-(4-5))^6(6+7))^*(8+9)$	-1285703177	P	$-(1^*(2+(-3-4)^5))^6+7^8-9$
-1141429140	G	$(1^*2^*(3^4-(5+6)^7+8^9))^9$	-1288490250	P	$(-1^*2)^*(3-4/5^6(6^7+8^9))$
-1141430529	G	$1+2^*(34+(-5-6)/7^8-8^9)$	-1288490262	P	$(-1^*2)^*(3-4/5^6(6^7-7+8^9))$
-1141430530	G	$1^*2^*(34+(-5-6)/7^8-8^9)$	-1289945118	G	$-1-(2+3^4((4-(5-(6+7)))^8+9))$
-1141432056	G	$(-1^*2^*(3^4+(-5-6)^7-8^9))^9$	-1291313386	G	$-1+23-4^5(6^7+8-9)$
-1142023025	G	$-1-2-(3+4)/5^6((6+7)^8+9)$	-1291313415	G	$-1-2^3(3+4)^5(6^7+8-9)$
-1146617874	P	$1^*2^*(3-4+5)^6(7/8+9)$	-1291313417	G	$-1-2^3(3+4)^5(6^7+8-9)$
-1157250248	G	$-1^*((2-(3+4)^5)^6+7-8^9)$	-1291313432	G	$-1-23-4^5(6^7+8-9)$

-1291315394	G	$-1*2^3-4*(56/7^{\wedge}-8-9)$	-1403076883	G	$-1+2*(3-4*((5+6)^{\wedge}7+8)^*9)$
-1291315436	G	$1+23-4*(56*7^{\wedge}8+9)$	-1403077770	G	$(-1*2^3*3^4-(5+6)^{\wedge}7*8)^*9$
-1291315442	G	$-1-2^3-4*56*7^{\wedge}8-9$	-1403085529	G	$-1-(2^{\wedge}(3+4)+(5+6)^{\wedge}7)^*8*9$
-1291315448	P	$-1-23-4^{\wedge}-(5+6)*(7*8)^{\wedge}9$	-1404000001	G	$-1-2^{\wedge}(3+4)*5^6*7^8*9$
-1291315457	G	$-1-23-4*56/7^{\wedge}-8-9$	-1404641331	G	$(-1-2)^3*3^4*(5^6+7^8-9)$
-1291315469	G	$-1-(2^{\wedge}3+4*(56/7^{\wedge}-8+9))$	-1404643518	G	$(-1*(23+4)*(5^6+7^8))^*9$
-1291317446	G	$(-1*2)^3-4*56*(7^8+9)$	-1408000065	P	$(-1+23)^*- (4*5)^6+7-8*9$
-1291467181	P	$-(1+(2-(3+4)*5)^6)+789$	-1409286199	G	$-1+2^3*(4^{\wedge}(5+6)^*-7*8-9)$
-1291467465	G	$-1*((2-(3+4)*5)^6-7*8*9)$	-1410877450	P	$-(1+((2+3)^4+5)*6^7*8)-9$
-1291467850	G	$-1*(2-(3+4)*5)^6+7*(8+9)$	-1418143261	P	$-1+2*(-3-4*5*6)^*(-7^{\wedge}8-9)$
-1291467890	G	$-1*(2-(3+4)*5)^6+7+8*9$	-1425685704	G	$-1*(2-(3+4)*5)^6-(7+8^{\wedge}9)$
-1291467904	G	$-1*(2-(3+4)*5)^6+7*8+9$	-1433272330	G	$-1-2^{\wedge}(3+4)*5*6^7*8-9$
-1291468016	G	$-1*(2-(3+4)*5)^6-7*8+9$	-1447034890	G	$-1-23/(4^{\wedge}(-5-6)/(7+8))-9$
-1291468048	G	$-1*((2-(3+4)*5)^6+7+8*9)$	-1448168765	G	$-1-((2*34)^5+6)+7^{\wedge}8+9$
-1291468473	G	$-1*(-2-(-3-4)*5)^6-7*8*9$	-1448168783	P	$-(1+(2*34)^5+6)+7^{\wedge}8-9$
-1296479198	G	$-1-2-3^{\wedge}(4*5+6-7)-8^{\wedge}9$	-1449174657	G	$-1-((2*34)^5*6^7*(8+9))$
-1297232761	G	$-1*(2+(-3-4)*5)^6-7^{\wedge}8+9$	-1452729642	G	$1*(2/3+4)*(5-6*7^{\wedge}8)^*9$
-1297232779	G	$-1*(2-(3+4)*5)^6-(7^{\wedge}8+9)$	-1453932921	G	$-1-(2*34)^5+(-6+78)^*9$
-1297438047	G	$(1*2/3+(4+5))*(6-(7+8^{\wedge}9))$	-1453933042	P	$-(1+(2*34)^5-67*8)-9$
-1297438163	G	$(-1*2/3-(4+5))*(6+7+8^{\wedge}9)$	-1453933110	P	$-(1+(2*34)^5*6^7*8)-9$
-1308609819	G	$1-2-(3+4*56)*7^{\wedge}8+9$	-1453933469	P	$-((1*2*34)^5-6*(7+8))+9$
-1315333806	G	$-1-2-(3+4/5+6)*(7+8^{\wedge}9)$	-1453933492	P	$-(1*2*34)^5-6-7+89$
-1320139438	G	$(-1*2-(3+4*56))/7^{\wedge}-8-9$	-1453933510	G	$-1-((2*34)^5-6*7-8-9)$
-1320458023	G	$(1-(2^3+45)/6^{\wedge}-7)^*89$	-1453933544	G	$-1-((2*34)^5*6^7*(-8-9))$
-1332322920	P	$(1-(23^{\wedge}-((4-5)^6-7)-8))^*9$	-1453933643	P	$-(1*2*34)^5-6-78+9$
-1338863272	P	$(-1*2*(-3^{\wedge}-4-5))*(6-7-8^{\wedge}9)$	-1453933652	P	$-(1*2*34)^5-67-8-9$
-1339409587	P	$-(1+23*((4*5)^6-7^{\wedge}8))-9$	-1453933661	P	$-(1*2*34)^5-6-78-9$
-1341390851	G	$-1-2-(3-(4^{\wedge}-5*6-7))^*8^{\wedge}9$	-1453933670	P	$-(1*2*34)^5-6-7-89$
-1342046211	G	$-1-(2-(3+4^{\wedge}-5-6-7))^*8^{\wedge}9$	-1453933700	P	$-(1+(2*34)^5+6*7)-89$
-1342308355	G	$-1-2+(3-4^{\wedge}-5-6-7)^*8^{\wedge}9$	-1453934046	P	$-(1+(2*34)^5+6*78)-9$
-1342963715	G	$-1-2-(3+(4^{\wedge}-5*6+7))^*8^{\wedge}9$	-1453934100	G	$-1-(2*34)^5+(-67+8)^*9$
-1344000104	G	$-1+(-2-3*(4*5)^6)*7-89$	-1453934114	P	$-(1+(2*34)^5+67*8)-9$
-1344000270	G	$-1-2-3*((4*5)^6*7+89)$	-1454213416	P	$-(1+(2*34)^5+6^{\wedge}7)+89$
-1344976665	G	$-1+2*(3^{\wedge}-4-5*(6^{\wedge}7+8^{\wedge}9))$	-1454213594	P	$-(1+(2*34)^5+6^{\wedge}7)-89$
-1345491308	G	$(1*2*(3^{\wedge}-4+5))*(6-7-8^{\wedge}9)$	-1457346816	P	$(-1*(2*3)^4*(5-6+7))^*8*9$
-1348963086	G	$-1-(2*(3+4)*5*(6/7^{\wedge}-8-9))$	-1458653184	G	$(-1*(2*3)^4*(5+6+7))^*8*9$
-1348963446	G	$-1-2+(-34-5)*6/7^{\wedge}-8-9$	-1467553626	G	$(1*(-2/(3+4)+5)*6*-7^{\wedge}8)^*9$
-1348963464	G	$-1-2+(-3+(-4+5*6)*-7^{\wedge}8)^*9$	-1472000079	G	$-1*23*(4*5)^6-(7+8^{\wedge}9)$
-1354920887	G	$((1-2)*34-5^{\wedge}(6+7))-8^{\wedge}9$	-1476394898	P	$1-2+34+(-5-6)*-(7-8^{\wedge}9)$
-1354920934	G	$(1-2)*3^{\wedge}4-5^{\wedge}(6+7)-8^{\wedge}9$	-1476394946	G	$-1-(2+3*4-(5+6)*7-8^{\wedge}9)$
-1354927414	P	$-((1+2^3)^4+5^{\wedge}(6+7))-8^{\wedge}9$	-1476394951	G	$-1*(2+3)*4+(5+6)*(7-8^{\wedge}9)$
-1358953770	P	$-1-2+3^{\wedge}4*(-(5-(6+7))^{\wedge}8+9)$	-1476395166	G	$-1-234+(5+6)*(7-8^{\wedge}9)$
-1363062630	G	$(1+2-34^{\wedge}5)*(6+7+8+9)$	-1476396228	G	$-1-((2*3)^4+(-5-6)*(7-8^{\wedge}9))$
-1366257829	G	$-1-(((2-3+4)^5-6)/7^{\wedge}-8-9)$	-1476674773	G	$-1-(23^{\wedge}4-(5+6)*7-8^{\wedge}9)$
-1366259971	P	$-1-((-2-(3-4))^5+6)*(-7^{\wedge}8-9)$	-1477764792	P	$1*23*(-(4*5)^6-7^{\wedge}8+9)$
-1366874289	G	$-1-2^3*((4+5+6)^{\wedge}7-89)$	-1477764811	G	$-1+(-23*(4*5)^6-(7^{\wedge}8+9))$
-1366874950	G	$1+(2+3-(4+5+6)^{\wedge}7)^*8+9$	-1487318650	G	$-1-2*(3^{\wedge}4-5-6)/7^{\wedge}-8+9$
-1366875058	P	$-1-((-2^3-3-(4+5+6)^{\wedge}7)^*8)-9$	-1500512164	P	$1+2+(3+4)*-(5+6)^{\wedge}(7-(8-9))$
-1372022811	G	$-1-(2+34*(5+(6-(7-8))^{\wedge}9))$	-1500512168	P	$1-2+(3+4)*-(5+6)^{\wedge}(7-(8-9))$
-1375731715	G	$-1-2+(-3-(4^{\wedge}(5-6)+7))/8^{\wedge}-9$	-1503238631	G	$1-(2^{\wedge}-3+4/5-6)*(-7-8^{\wedge}9)$
-1377495048	G	$-1-(2+3*(4^{\wedge}-5/6^{\wedge}(-7-8)-9))$	-1535999842	P	$1-2-3*(-(4*5)^6+7)^*8-9$
-1377495168	G	$(1-2-3^{\wedge}(4+5+6))*(7+89)$	-1536000068	G	$-1-2-(3*(4*5)^6+7)^*8-9$
-1377791025	P	$-1-(-234-5)*-(6-(7^{\wedge}8-9))$	-1537734333	G	$-1-2-(3+((4+(5+6))^{\wedge}7-8))^*9$
-1383552256	P	$-1+2*(-(3-4*5*6*-7^{\wedge}8)-9)$	-1539204271	G	$1-2+(3-45*6)*(7^{\wedge}8+9)$
-1383552607	P	$-1+2*(-(3-4*-5*(6*7^{\wedge}8+9))$	-1541672496	P	$-(1*(2/(3+4)-5*6)*7^{\wedge}8)^*9$
-1383554407	P	$-1+2*(-(3-4*5*6*-7^{\wedge}8+9))$	-1542217721	P	$(-1+23)/-(4*5)^{\wedge}-6+7-8^{\wedge}9$
-1390698495	P	$1-23*(4^{\wedge}5+6^{\wedge}(-7-8)+9)$	-1549681914	G	$-1+23+4*(5+(6-(7+8))^{\wedge}9)$
-1390721588	G	$(1*23)*(4*5-6^{\wedge}(-7+8+9))$	-1556492174	G	$(1*2^3)^4-5*6*7^8*9$
-1390721841	G	$1*23*(4+5-6^{\wedge}(-7+8+9))$	-1556493818	G	$-1+23-45*6*(7^{\wedge}8-9)$
-1390722025	G	$-1*23*(4-5+6^{\wedge}(-7+8+9))$	-1556493847	G	$1-2^3-45*6*(7^{\wedge}8-9)$
-1390722071	G	$1*23*(4-5-6^{\wedge}(-7+8+9))$	-1556493849	G	$-1-2^3-45*6*(7^{\wedge}8-9)$
-1390722255	G	$-1*23*(4+5+6^{\wedge}(-7+8+9))$	-1556493864	G	$-1-23-45*6*(7^{\wedge}8-9)$
-1390722508	G	$(1*23)*(-4*5-6^{\wedge}(-7+8+9))$	-1556494633	G	$-1+2*(3^{\wedge}45*(6-7^{\wedge}8)+9)$
-1390745599	P	$1+23*(-(4^{\wedge}5-6^{\wedge}(-7-8)+9))$	-1556494812	G	$(1*2^3*4^{\wedge}-5*6*7^8)^*9$
-1397049768	G	$(-1*(-23-4)*(5^6-7^{\wedge}8))^*9$	-1556495843	G	$-1+23-45*(6*7^{\wedge}8-9)$
-1399649376	G	$-1-(2+3)^4*((-5+6^{\wedge}7)^*8-9)$	-1556495871	G	$-1*2^3-45*(6/7^{\wedge}-8-9)$
-1400846654	G	$-1*2-3^{\wedge}(4-5+6)*7^{\wedge}8-9$	-1556495874	G	$-1-2^3-45*(6*7^{\wedge}8-9)$
-1400848833	G	$-1-(2-3^{\wedge}(4-5+6))*(7^{\wedge}8-9)$	-1556495889	G	$-1-23-45*(6*7^{\wedge}8-9)$
-1403074854	G	$(1*2*3^{\wedge}4-(5+6)^{\wedge}7*8)^*9$	-1556496179	G	$1+(-2+3*4-5*6*7^8)^*9$
-1403075451	G	$-1-2+(3^{\wedge}4-(5+6)^{\wedge}7)^*8*9$	-1556496432	G	$(1-(23-4+5*6*7^8))^*9$

-1556496504	G	$(1-23-4-5*6/7^{\wedge}-8)*9$	-1728000030	G	$-1-(2+3*((4*5)^{\wedge}6-(7-8))*9)$
-1556497728	G	$(-1*2*3^{\wedge}4-5*6*7^{\wedge}8)*9$	-1728324864	G	$(1-2*3-4^{\wedge}5)*6^{\wedge}(7-8+9)$
-1556498706	G	$(-1*2)*3-45*6*(7^{\wedge}8+9)$	-1729440300	G	$((1*2)/3-4-5*6)*7^{\wedge}8*9$
-1556498723	P	$(-1*23)-45*6*(-7^{\wedge}8-9)$	-1730004481	G	$-1-(2*3+4^{\wedge}5)/6^{\wedge}(-7+8-9)$
-1571320044	G	$(-1*(2/(3+4)+5*6)*7^{\wedge}8)*9$	-1734356924	G	$-1+(2*3)^{\wedge}4+(-5-6)^{\wedge}7*8^{\wedge}9$
-1573790665	G	$1-2-(3+45*6)*7^{\wedge}8+9$	-1734358300	G	$((1-2)*3^{\wedge}4-(5+6)^{\wedge}7*8^{\wedge}9)$
-1573790685	G	$-1-2-(3+45*6)/7^{\wedge}-8-9$	-1734359516	G	$-1-(2*3)^{\wedge}4+(-5-6)^{\wedge}7*8^{\wedge}9$
-1578000001	G	$-1-2^{\wedge}(3+4)*5^{\wedge}6*789$	-1735205102	G	$-1-(23+4*5)/(6-(7-8))^{\wedge}-9$
-1578455022	G	$-1-(2+3^{\wedge}4*((5+6)^{\wedge}7-8*9))$	-1737904949	G	$1+(2-34^{\wedge}(5-(6-7)))/8)^{\wedge}9$
-1578459477	G	$-1-2-3^{\wedge}4*((5+6)^{\wedge}7-8-9)$	-1737904985	G	$1-(2+34^{\wedge}(5-(6-7)))/8)^{\wedge}9$
-1578460773	G	$-1-(2+3^{\wedge}4*((5+6)^{\wedge}7+8-9))$	-1740082176	P	$(-1-23*45)/6^{\wedge}-((7-8)+9)$
-1578462231	G	$-1-(2+3^{\wedge}4*((5+6)^{\wedge}7+8+9))$	-1741953940	G	$-1-(2+3^{\wedge}4*(4*5))+(-6-7)*-8^{\wedge}9$
-1578466686	G	$-1-(2+3^{\wedge}4*((5+6)^{\wedge}7+8*9))$	-1744699370	G	$-1+23+(4^{\wedge}5-6-7)/8^{\wedge}-9$
-1578468061	G	$1-2-3^{\wedge}4*((5+6)^{\wedge}7+8^{\wedge}9)$	-1744829654	G	$(1*2*3^{\wedge}4)*5-(6+7)/8^{\wedge}-9$
-1579499991	G	$(-1*(2*3)^{\wedge}4*5^{\wedge}6)*78+9$	-1744831274	G	$(-1*2*3^{\wedge}4)*5-(6+7)/8^{\wedge}-9$
-1579500009	G	$-1*(2*3)^{\wedge}4*5^{\wedge}6*78-9$	-1745223683	G	$-1-2-(3*4^{\wedge}5-(6-7))*8^{\wedge}9$
-1588151255	P	$-(1+(2*34)^{\wedge}5-6*7)-8^{\wedge}9$	-1752499511	G	$-1+2/3*(-45*6*7^{\wedge}8-9)$
-1593816579	G	$-1-2-3*4*(5*6^{\wedge}7-8^{\wedge}9)$	-1758557952	G	$(-1*23-4^{\wedge}5)/6^{\wedge}(-7+8-9)$
-1599843384	P	$(-1+2^{\wedge}(3+4))*-(5/6^{\wedge}-7+8)*9$	-1763497854	G	$1*2+34*(5^{\wedge}6-7^{\wedge}8*9)$
-1599999992	G	$-1-2^{\wedge}(3^{\wedge}4)*(5*(6-7))^{\wedge}8+9$	-1764027103	G	$-1-(2-34*(4*5)+(6-7)*9)^{\wedge}9$
-1600000010	G	$-1-2^{\wedge}(3^{\wedge}4)/(5*(6-7))^{\wedge}-8-9$	-1764027199	G	$1+2+34*(56-7^{\wedge}8*9)$
-1607253507	G	$-1-(2-(3+(4+5)))*(6^{\wedge}7-8^{\wedge}9))$	-1764027203	G	$1-2+34*(56-7^{\wedge}8*9)$
-1610611815	G	$-1-2-3*4*((-5-6)*7+8^{\wedge}9)$	-1764028848	P	$1+2-34*((5/6-7^{\wedge}8)*9)$
-1610611935	G	$-1-(2-(3+(4+5)))*(67-8^{\wedge}9))$	-1764028852	P	$1-2-34*((5/6+7^{\wedge}8)*9)$
-1610611959	G	$-1-2-3*4*(-5*(6+7)+8^{\wedge}9)$	-1764028854	G	$-1-(2-34*((5/6-7^{\wedge}8)*9))$
-1610612875	G	$-1-2*(3*(4+5)+6*(7+8^{\wedge}9))$	-1764029083	G	$1*23+(-4-5*6)*7^{\wedge}8*9$
-1610612955	G	$-1-2-3*4*(5+6+7+8^{\wedge}9)$	-1764029128	G	$1-23+(-4-5*6)*7^{\wedge}8*9$
-1610613495	G	$-1-2*(3*4*(56+7+8^{\wedge}9))$	-1764029358	G	$1+2-34*((5/6+7^{\wedge}8)*9)$
-1610613603	G	$-1-2-3*4*(5+6+7+8^{\wedge}9)$	-1764029364	G	$-1-2-34*((5/6+7^{\wedge}8)*9)$
-1610614863	G	$-1+2*(3-4^{\wedge}5-6*(7+8^{\wedge}9))$	-1764030775	G	$-1-(2-34*(5+(-6-7^{\wedge}8)*9))$
-1610619543	G	$-1-2-3*4*(56+7+8^{\wedge}9)$	-1764031007	G	$1+2-34*(56+7^{\wedge}8*9)$
-1610800155	G	$-1-2-3*4*(5^{\wedge}6-(7-8^{\wedge}9))$	-1764031011	G	$1-2-34*(56+7^{\wedge}8*9)$
-1610800323	G	$-1-2-3*4*(5^{\wedge}6+7+8^{\wedge}9)$	-1764046245	G	$-1-(2+34*(56+7^{\wedge}8)*9)$
-1614144236	G	$-1-(-2-(-3-4))*5(6/7^{\wedge}-8-9)$	-1764560354	G	$1*2-34*(5^{\wedge}6+7^{\wedge}8*9)$
-1617187501	G	$-1-23*4/5^{\wedge}(6-7-8)*9$	-1776680963	G	$-1-2+((3/4)^{\wedge}5+6+7)*-8^{\wedge}9$
-1618756543	G	$-1+234/5*(-6*7^{\wedge}8-9)$	-1789569720	G	$(-1*2)/3*(4*5*(6-7-8^{\wedge}9))$
-1625673872	P	$(-1+2*(3*45+6)/7^{\wedge}-8)+9$	-1789569880	G	$(-1*2)/3*(4*5*(6-(-7-8^{\wedge}9)))$
-1631461586	G	$-1+2*(3^{\wedge}4+5-(6+7)^{\wedge}8)+9$	-1792029592	P	$(-1+23)-(4*5-6)^{\wedge}7*(8+9)$
-1632586617	P	$1*(23+4)*5(6^{\wedge}-7-8-9)$	-1792819644	G	$-1-23*4*(5+6)^{\wedge}7+8^{\wedge}9$
-1632586887	P	$-1*(23+4)*5(6^{\wedge}-7-8-9)$	-1798617912	P	$((1*2)/3+4+5*6)*7^{\wedge}8*9$
-1635483648	G	$(1*23-(4/5)^{\wedge}6-7)*-8^{\wedge}9$	-1801088472	G	$-1-2-(3*(4+5)-6)^{\wedge}7+8^{\wedge}9$
-1645438914	G	$(1*(2/(3+4)+5)*6*7^{\wedge}8)*9$	-1801088616	G	$-1-2-(3*(4+5)-6)^{\wedge}7-8^{\wedge}9$
-1648733086	G	$-1*234*(5+6)*7^{\wedge}8/9$	-1813977990	G	$(-1*2*3^{\wedge}4)*5*(6^{\wedge}7*8-9)$
-1654497888	G	$-1-(2+(3+45))*6(7^{\wedge}-8-9)^{\wedge}9$	-1813983822	G	$(-1*2*3^{\wedge}4)*5*(6^{\wedge}7*8-9)$
-1655762688	G	$(1*2^{\wedge}3*4*(5^{\wedge}6-7^{\wedge}8))^{\wedge}9$	-1813985305	G	$-1+2*-3*(4-5/-6^{\wedge}(7-8-9))$
-1660262259	G	$-1-(2+(3+45))*6(7^{\wedge}-8-9)$	-1813986738	G	$(-1*2*3^{\wedge}4)*5*(6^{\wedge}7*8+9)$
-1664762688	P	$(1*2^{\wedge}3*4*(5^{\wedge}6+7^{\wedge}8))^{\wedge}9$	-1813992570	P	$(1*2*3^{\wedge}4)*5*(6^{\wedge}7*8+9)$
-1665492264	G	$-1-(2+(3-4*5)^{\wedge}6*(78-9))$	-1815912293	G	$-1+23-45*(6-7+8)^{\wedge}9$
-1670419999	P	$1-2*(34*5)^{\wedge}(-6+7-8)+9$	-1815912339	G	$-1-23-45*(6-7+8)^{\wedge}9$
-1679616000	G	$(1+23-4^{\wedge}5)*6^{\wedge}(7-8+9)$	-1836036801	G	$-1*(23*(4+5))^{\wedge}(-6-7+8+9)$
-1680700010	G	$-1-(2*(3+4)*5)^{\wedge}(6+(7-8))-9$	-1838265124	G	$-1-2-((-3-4)*5)^{\wedge}6-7*-8*9$
-1681014222	G	$(-1*2*3^{\wedge}4)/5*(-6+7^{\wedge}8)*9$	-1838265493	P	$(-1+2+((-3-4)*5)^{\wedge}6)-(-7-8)*9$
-1681295617	G	$-1-(-23+4^{\wedge}5)*6^{\wedge}(7-(8-9))$	-1838265509	G	$-1-2-((-3-4)*5)^{\wedge}6-7*(-8-9)$
-1689086702	G	$-1*(23+45*6)*7^{\wedge}8-9$	-1838265650	G	$1+(-2+((-3-4)*5)^{\wedge}6+7+8+9)$
-1689089330	P	$1*(-23-45*6)*(-7^{\wedge}8-9)$	-1838265697	G	$-1-2-((-3-4)*5)^{\wedge}6-7+8+9$
-1704047901	G	$1+2-((-3-4)*5)^{\wedge}6-7+8+9$	-1838265724	P	$(-1+2-((-3-4)*5)^{\wedge}6-7))-8-9$
-1706489857	G	$-1+(2^{\wedge}3-4^{\wedge}5)*6^{\wedge}(7-(8-9))$	-1838265763	P	$(-1+2+((-3-4)*5)^{\wedge}6)+(-7-8)*9$
-1707519696	G	$-1-(2+3^{\wedge}(4+5+6))*7*(8+9)$	-1842750001	G	$-1-234*5^{\wedge}6*7*8*9$
-1711528705	G	$-1+(2+(3+4^{\wedge}5))*6^{\wedge}(7-(8-9))$	-1862733024	G	$(-1*(-2-34)*(5^{\wedge}6-7^{\wedge}8))^{\wedge}9$
-1712145699	G	$(1+23+4+5)*(6-7^{\wedge}8*9)$	-1870768446	G	$-1-2-3*(4*(5+6)*7^{\wedge}8+9)$
-1712146141	P	$-1-(-23-4)*-((-5-6)*7^{\wedge}8+9)$	-1872858024	G	$(-1*(2+34)*(5^{\wedge}6+7^{\wedge}8))^{\wedge}9$
-1712979971	G	$-1-2+((3-4)^{\wedge}5+6+7)*-8^{\wedge}9$	-1876516941	P	$1-2*(3^{\wedge}4*5^{\wedge}6-7^{\wedge}8^{\wedge}9)$
-1714887939	G	$-1-(2-(3-4^{\wedge}5))*6^{\wedge}(7-(8-9))$	-1879048059	G	$1+2*(3*4*5+6-7*8^{\wedge}9)$
-1717987011	P	$-1-2+(34/5+6)*-(7+8^{\wedge}9)$	-1879048100	G	$-1-(2+3-(4*5-6)*(7-8^{\wedge}9))$
-1719716833	G	$-1+(2^{\wedge}-3-4^{\wedge}5)*6^{\wedge}(7-(8-9))$	-1881579441	G	$1-2*(3^{\wedge}4*5^{\wedge}6-7*-8^{\wedge}9)$
-1721606401	G	$-1+(2-3-4^{\wedge}5)/6^{\wedge}(-7+(8-9))$	-1890854720	G	$-1-2*(34*5-6)/7^{\wedge}-8+9$
-1724965635	G	$-1-2-(3+4^{\wedge}5)*6^{\wedge}(7-(8-9))$	-1895999997	P	$1+2-3*(4*5)^{\wedge}6-(7/-8-9)$
-1726645248	G	$(1-2-3-4^{\wedge}5)*6^{\wedge}(7-8+9)$	-1897442875	G	$-1+2*(3-(4*5-6)^{\wedge}7+8)*9$
-1727999881	P	$1*2-(-3*(-4*5)^{\wedge}6+7+8)*9$	-1906867954	G	$-1-2-(3-4*5)^{\wedge}6*(7+8*9)$
-1728000024	G	$1+2-3*((4*5)^{\wedge}6-(7-8))^{\wedge}9$	-1925443526	G	$-1+(2*34*-5+6)/7^{\wedge}-8+9$

-1934917472 P $-1*(2-34)*(5-6^{-(7-8-9)})$
 -1934917792 P $1*(2-34)*(5+6^{-(7-8-9)})$
 -1936973139 G $-1-(2+(3+45)/(6-(7-8)))^{9}$
 -1937102491 G $-1-(2+3)*(4+5-((6-7)-8)^{9})$
 -1937102526 G $(-1+2)^{-3^4+5*(6-(7+8))^{9}}$
 -1937102680 G $-1-234+5*(6-7-8)^{9}$
 -1944000003 G $-1-2+(3^4*5)^{6/(-7-8-9)}$
 -1953124967 P $1-2^3*(4-5^{(6+7+8-9)})$
 -1954267533 G $-1-2-(345-6)/7^{8-9}$
 -1954270587 P $1+2+(-345+6)*(-7^8-9)$
 -1957753755 G $-1-2-3^4/5*((6+7)^{8+9})$
 -1960030283 G $-1+2*(34^5*(6-7^8)+9)$
 -1962934282 G $-1-2^3*4^{(5+6)*78-9}$
 -1972483357 G $1+2-((-3-4)^5)^{6-7-8^9}$
 -1977326611 G $-1-2+(-3-4)^{(5+6)}-(-7-8)^{9}$
 -1977326865 G $-1-2-(3+4)^{(5+6)}-7*(8+9)$
 -1977326881 G $-1-2+(-3-4)^{(5+6)}+(-7-8)^{9}$
 -1988281251 G $-1+(2^3-4^5)*(6+7-8)^{9}$
 -1988851173 G $-1-(2-345*(6-7^8+9))$
 -1988857383 G $-1-(2-345*(6-(7^8+9)))$
 -1988858427 G $-1-2-345*(6+7^8)-9$
 -1988861523 G $-1-2-345*(6+7^8+9)$
 -1997156251 G $-1-2^3*4^5*6^7*89$
 -1998046876 G $-1-(2-3+4^5)*(6+7-8)^{9}$
 -2000391153 P $-1-(-2-345)*(-6-(-7^8-9))$
 -2009066871 G $-1-2+3*(4+5*(6^7-8^9))$
 -2009765626 G $-1-(2+3+4^5)*(6+7-8)^{9}$
 -2013264906 G $-1-2+3*(4+5*(6^7-8^9))$
 -2013265839 G $-1-(23-(4+(5+6))*(7-8^9))$
 -2013265894 G $1-2+3*(4-5*(6-(7-8^9)))$
 -2013266104 G $1-2+3*(4-5*(6+7+8^9))$
 -2013266916 G $-1-(2-3*(4-5*(6^7+8^9)))$
 -2017464951 G $-1-(2-3*(4-5*(6^7+8^9)))$
 -2023445128 G $1^*23+(-45+6)/7^{8-9}$
 -2023445145 G $-1-2-(345+6)/7^{8-9}$
 -2023445150 G $1-(2+3+4+5^6)*7^8*9$
 -2023445173 G $1-23+(-45+6)/7^{8-9}$
 -2023448307 P $1+2+(-345-6)*(-7^8-9)$
 -2023448311 P $1-2+(-345-6)*(-7^8-9)$
 -2029209953 G $1-2-(3+4)^{(5+6)}-7^8*9$
 -2040675120 G $(-1^*2^3*4^5)*5*(6^7-8)^{9}$
 -2040721776 G $(-1^*2^3*4^5)*5*(6^7-8)^{9}$
 -2040733368 G $((-1^*2^3*4^5)*5*(6^7+8)^{9})$
 -2040733512 G $((-1^*2^3*4^5)*5*(6^7-8)^{9})$
 -2040745104 G $(-1^*2^3*4^5)*(5*(6^7+8)^{9})$
 -2040791760 P $(1^*2^3*4^5)*5*(6^7+8)^{9}$
 -2044921876 G $-1-(23+4^5)*(6+7-8)^{9}$
 -2055849811 P $1+2-34*(5-6^{-(7-8+9)})$
 -2055849815 P $1-2-34*(5-6^{-(7-8+9)})$
 -2058033958 G $-1-(2^3+45)/(6-7+8)^{9}$
 -2061534736 P $-1+23*(-4^{(5+6)}-7^8)^{9}$
 -2075327817 P $1+2-3^4*5*(-6/7^{8-9})$
 -2075328390 G $-1-(2-3*(4^5*6^7-8-9))$
 -2075331603 G $-1-2-3^4*5*6*(-7^8-9)$
 -2095708935 G $-1-(2+34^5*(6-7/8)^{9})$
 -2099968506 G $-1-(2+(3-4^5)^{6*(78+9)})$
 -2113929265 P $-1-(2/3+4^{-(5-6)*7})^{8*9}$
 -2113929433 G $1-2-(3+4^{(5+6)*7})^{8*9}$
 -2113929552 G $(-1*(2/3+4^{(5+6)*7})^{8*9})$
 -2116316157 P $1+2-(-3-4)*(5/6^{-(7+8+9)})$
 -2116316159 P $-1+2-(-3-4)*(5/6^{-(7+8+9)})$
 -2116316161 P $1-2-(-3-4)*(5/6^{-(7+8+9)})$
 -2116316163 P $-1-2-(-3-4)*(5/6^{-(7+8+9)})$
 -2126250003 G $-1-2+(-3-4)*(5^6)^{7/(8^9)}$
 -2135465213 G $-1-2-(34^5+6)*(7^8-9)$
 -2144506531 G $-1-(2+3^4*5)*(6/7^{8-9})$
 -2146598913 G $-1-2^3*(4)/((5+6)/(7^8-9))$
 -2147482497 G $-1-2^3*(4)*(5-(6+7))^{8-9}$

Supplement 4

-19067	P	$-(9+8+7)-(6*(5^4+3))^2+1$	-65346	G	$-9-87*(6*5^4(4-(3-2))+1)$
-20074	G	$9-8-76-5^4*32+1$	-65999	G	$((9-87)*6+5-4^3(3^2-1))$
-22237	G	$-9+(87*-6+5)*43+2+1$	-66516	G	$-9-(8^7+6^5*4)/32+1$
-22422	G	$9^8+7-6*5^4*3^2-1$	-67024	G	$98*76*(-5-4)+3^2-1$
-24506	G	$(-9-8*765)*4+3^2+1$	-67048	P	$-9^-(-(8-7)+6)-(5^4)^3+2-1$
-24753	G	$-9-8*(765*4+32+1)$	-67136	P	$-(9-(8+7))^{6-5*(4^3(3^2)^*)1}$
-25742	G	$9+8-7*(6^5-4^4(3^2)))+1$	-67256	P	$-(9+(8-7+6)^5)*4+3^2-1$
-26414	G	$9*((-8-7)*65-4)^3+2+1$	-68829	G	$98*(-7-6)^5*4-32-1$
-26576	G	$-9-8*(76+5)*(43-2)+1$	-70440	G	$9*(-8*7-6^5)+(4+3)^2-1$
-26767	G	$98/7*(-6^5/4+32)+1$	-70689	G	$-9*8-(7+6)^5*432-1$
-28990	G	$-9-((-8-7)*-6*(5^4+3+2)+1)$	-70934	G	$-987-(6^5-4)/3^2-2+1$
-31480	G	$9*(-(87+6^5))*4+3^2-1$	-71098	G	$-9-8/7*(6^5*4-3)^2-1$
-33868	G	$(-9-8)*7-6*5^4*3^2+1$	-71274	G	$9*(87-6-(5^4)^3)-2-1$
-34136	G	$-9-(8+(76-5))*432+1$	-72266	G	$-9-8*(7*6^5*43+2)-1$
-34437	G	$-98*7-6*5^4*3^2-1$	-72500	G	$9(-98-76)^5*4/(3/2^*)1$
-34862	G	$9*(8+7+(-6^5-4/3)/2)+1$	-73264	P	$-(9+(8*7*65+3)^2)-1$
-35482	G	$(-9-8*(7+6))*(5^4+3)/2^*1$	-73789	G	$-9+(8-76)^*(543^2-1)$
-36116	P	$-(9+8)-(7-(-65+4)^3)^2+1$	-74794	P	$-9-8*76*(-5-4^3*2)-1$
-36682	G	$-9-8*(7*654+3^2)-1$	-75595	G	$(9*(8-7^6(6-5+4))+3)/2-1$
-37360	G	$9*(-8+7-6)*(5^4-32)-1$	-76729	P	$-(98/7+65^4+3)^2*1$
-40055	P	$9-8*(-7+6-5^4)*-(3^2-1)$	-76994	G	$(9*-87-6^5+4)*3^2+1$
-41204	G	$-9*(8+7*(654-3^2-2-1))$	-77064	G	$-9-8*(7+6^5+43^2)+1$
-42352	G	$-9+8+7^6-(5^4)^3(3+2-1)$	-77096	P	$-(9+(8+(7*(-6+5)))^4)*32)+1$
-42722	G	$-9+8*7-6^5*(4+3/2)-1$	-77484	G	$9-((8*7+6)^5*5^4-3)^2+1$
-43048	P	$-9^-(-(8-7)+6)+(5^4)^3*2+1$	-78347	G	$(-9-8)^*(7+6)-5^4(4+3)-2+1$
-43049	P	$-9^-(-(8-7)+6)+(5^4)^3*2^*1$	-78366	P	$-9^-(-(8-7)/6)-5^4(4+3)+2^*1$
-45211	P	$-((9-8-7)^6-(5-43)^2)+1$	-81706	P	$-(9+8)-7*(6^5+4)^3/2+1$
-46430	P	$-(-9+8+7)^6-5*(-43-2)+1$	-82477	P	$-(9+8)-76*(543^2-1)$
-46491	G	$98+(7-6^5+4)*3^2+1$	-83048	P	$-(98+7)-((6*(5+43))^2-1)$
-46780	G	$(9*87*-6+5^4)*(3^2+1)$	-83402	P	$9*(-8+((7-6+5^4)^3-2))+1$
-46960	G	$9+(8*7+6^5-4)*-3^2-1$	-83552	P	$-(98-76-5)^4-32+1$
-47141	G	$-9-8*76*(5^4-3^2)+1$	-83554	P	$-(98-76-5)^4-32-1$
-47741	P	$-((9-8-7)^6+543^2)+1$	-84108	G	$-9*8-7^6(6-(5-4))*(3+2)-1$
-47899	G	$(9+8)*7-6*((5^4)^3+(2+1))$	-85945	G	$-98*(7/(6-5+4)^{-3+2})+1$
-48454	G	$-9+(-8+765)/-4^3-2+1$	-86036	G	$(-9-8)^*-7*(6-(5+4)^3)+2-1$
-48634	G	$-9+(8-76*5^4*3)^2-1$	-86174	P	$9*(8+7*(-6^5+4+3)^2)+1$
-48733	G	$-9-(8+76*(5^4*32+1))$	-87043	G	$-9-(8+(7+6*(5+43))^2)-1$
-48974	G	$-9-8-765*4^3+2+1$	-87617	P	$-(9+8)^{-(-(7-6)+5)-4^3(2^*1)}$
-49309	G	$-9+(-8+76)*-5*((4*3)^2+1)$	-87933	G	$-9*8-(7+(6+5)^4*3)^2-1$
-49460	G	$9-(8+765)/4^3-2+1$	-87944	G	$-9-(8+7+(6+5)^4)^3*2+1$
-49791	G	$((-9-8-7)*65+4)^3+1$	-88252	G	$(-9-(-8-(-7^6+5)))/4)^3+2^*1$
-49942	G	$-9-876*(54+3)-2+1$	-88323	G	$9*(-8-7)^5*4-32-1$
-50459	G	$(9+(8-7+6)^5+4)*-3+2-1$	-89403	P	$-9*(-(-87-(6+5)^4/3)^2-1)$
-51658	P	$-((9*8+7)*654-3^2)-1$	-89419	P	$-(9+8)-(-7-6*(54-3))^2-1$
-51771	G	$(98+7*6)/5*-43^2+1$	-90511	P	$-(9-8)-7*6^5*(432-1)$
-51936	G	$(-9-8)*((765*4-3)-2)-1$	-91205	G	$(9-(8+76)^5*43)^2+1$
-52396	G	$98-(7*6^5*4-3)^2*1$	-94224	P	$-(9+8)+(-7+6^5)*-4^4(3^2)+1$
-53270	P	$-9*(87+6^5/4^3)-2)-1$	-94280	G	$-9*8+(-7+6^5)*-4^4(3^2)^*1$
-53633	G	$-98-7*(6^5-4^3*2)+1$	-94306	P	$-(98+(-7+6^5)*4^4(3^2))^*1$
-53854	P	$9-87*(-6-5^4)-(3^2+1)$	-94307	P	$-(98+(-7+6^5)*4^4(3^2))-1$
-53870	G	$(9+8*(7-(6+5+4)^3))^*(2^*1)$	-94616	G	$-9*8-76*(5^4-3)^2*1$
-55254	G	$-9-87*(6+5^4+3+2-1)$	-94895	G	$98-(76*5^4-3)^2+1$
-55338	G	$-9-8-7*(6^5+4^3*2-1)$	-95020	G	$-9-(8+76*5^4-3)^2-1$
-55519	P	$-(9*8+7)-6*-5*(-43^2+1)$	-95077	G	$9*-8-(76*5^4+3)^2+1$
-56708	G	$9*(8+(-76-5^4)/3^2-2)+1$	-95091	G	$-98-(76*5^4-3)^2+1$
-57535	G	$-9*8-7*(6^5+432+1)$	-95093	G	$-98-(76*5^4-3)^2-1$
-57767	G	$(-9+8)*(7-6^5)-4^4(3^2-1)$	-95363	G	$9+8-76*((5^4+3)^2-1)$
-57952	G	$9-8*7*(6+5+4^3(3+2))-1$	-95371	P	$-(98*7+6^5*4)^3-(2-1)$
-59770	P	$-9^-(-(8-7)+6)-5*(4^3)^2-1$	-95385	G	$9*8-76*(5^4+3)^2-1$
-60892	G	$-9^-(-(8+7+6)+5-43^2+1)$	-95478	G	$-98-76*((5^4+3)^2-1)$
-61168	G	$9*(-8+7654)*(3^2-2-1)$	-95707	G	$-9-(87+6)*(5+4^3(3+2))-1$
-61406	G	$(98*76-5^4)*-3^2+1$	-95959	P	$-(9-8*7)-6*((5^4)^3*2+1)$
-61860	P	$-(9-8)+7*(-(6^5-5-4^3)^2-1)$	-96095	P	$-(9+87+6*(5^4)^3*2)+1$
-62887	G	$98*-7-(6^5*4-3)^2+1$	-96101	P	$-(9-8*7*6+5^4-3)^2-1$
-62962	G	$-9-8*(7+6^5+43^2)-1$	-96148	G	$-9+(8-765)^*(4^3*2-1)$
-63564	P	$-((-9-8)*-(7-6*(-5^4+3))^2)+1$	-96322	G	$(-9-8)*(7*6-5^4*3-3^2-1)$
-63611	G	$(9/8+7)*-6^5-(432-1)$	-96442	P	$-9-8*7*(-(6-5^4*3^2)-1)$
-63890	P	$9*(-8-7*(-6-5+4^3-(-3-2)))$	-96565	G	$(-9+87)*6*(6-(5^4-3)^2)-1$
-64618	G	$-9-(8*(76+(5^4)^3)+2)+1$	-96827	P	$-(9+8)-7*6*(5+43)^2+1$
-64683	P	$(-98-7)*-(6-5^4+3)^2-1$	-97160	G	$-9+(8*76*-5+4)^3*2+1$

-97162	G	$-9+(8*76*-5+4)*32-1$	-121256	G	$((-98+7-6)*5^4-3)*(2*1)$
-97503	G	$(9-87)*6*5^4/3-2-1$	-121803	G	$-9+8-(-7-6*(54+3))^2-1$
-97672	G	$-9+(8-765*4)*32+1$	-121819	P	$-(9+8)-(7-6*(-54-3))^2-1$
-97682	P	$98*(-(7/(-6-5*43))^2-2*1)$	-122002	G	$-9-8*(7^4-6-(5/4^4-3))^2-1$
-97987	P	$-(9+8)-(7-6*(54-3))^2-1$	-122648	G	$-9+876*5*(4-32)+1$
-98158	G	$(-9-8)*(76^4-(5+(4+3))-(2*1))$	-122761	P	$-(9-8)*7-6*5*4^4*(3*(2*1))$
-100804	G	$-9+(8-7^4(6-(5-4)))^3*2-1$	-122821	P	$9+8*7-6*-(-5*4^4(3*2)-1)$
-100860	G	$-9-8-7^4(6-5+4)^3*2-1$	-122827	P	$-(9-8*7)-6*(5*4^4(3*2)-1)$
-101040	G	$-9+8*7-6^4*5*(4+3^2)+1$	-122898	P	$-(9+8+7)-6*(5*4^4(3*2)-1)$
-101197	G	$-9-8+(-7-6^4*5)*(4+3^2)-1$	-122929	P	$-(9*8+7)-6*5*(-4^4(3*2)+1)$
-101293	G	$-9-(8+7+6^4*5)*(4+3^2)-1$	-123042	G	$(-9-8*7)*(6-5^4*4)^3-3+2+1$
-101329	P	$-9*8-7+(6*5)^4/(3^2-1)$	-123156	G	$(-98-(7-6))^5*(5^4-3)*(2*1)$
-101406	P	$-(-987-6)-(5/4^4-3)^2+1$	-123189	G	$98*(-7-6*5^4/3)-2-1$
-101514	P	$-(-9-876)-(5/4^4-3)^2+1$	-123292	G	$-9-8-7^4*6-5^4*4*3^2-1$
-101576	P	$-(-9*8+7^4*6)-(5*4)^4*3-2+1$	-123885	G	$-9*(8+7)-6*5^4*4*(32+1)$
-101822	G	$-9*8*((7*65+4^3)^3*2+1)$	-124730	G	$(9+8)*7-(6^4+432)-1$
-102147	G	$(9*8+7)*(-6*5*43-2-1)$	-125177	P	$-9-8*-(-7-(6^4+43)*2-1)$
-102225	G	$(-9*(-8-7)+6)^5*5*((4*3)^2+1)$	-125408	G	$-98+7-(6*(5-4^3))^2-1$
-102678	G	$(9+8*7*-6)*(5^4+3)/(2*1)$	-125877	G	$(9*-87+6)*5^4*3-(2+1)$
-102784	P	$-9*8-7*-(-6+5)^4-32-1$	-126168	G	$(9*8-7)*(-6^4+43)-2-1$
-103378	G	$-9+876*(5-4^3)^2-1$	-126387	G	$(-9-8*7)*6^4*5/4-3^4(2+1)$
-103505	G	$(9*(-8-7)*6-5)^4*(4*3^2-1)$	-126744	P	$-(9+((8+76)*5-4^3)^2)+1$
-103641	G	$-9-8*(-7-6*5*-432+1)$	-126916	P	$-(9+8+7^4*6)-5*(43^2+1)$
-106472	G	$9*-8*(76*5*4*(4-3^2-2)+1)$	-127355	G	$9+(8-76)*5*(5^4*3-2)*1$
-107353	G	$9*(-8*7-(6^4+5^4*(3^2)))^3-1$	-127356	G	$9+(8-76)*5*(5^4*3-2)-1$
-108280	P	$-(9+8)-7*(6^4+43)^2-1$	-127488	G	$9+(8-76)*5^4*4*3+2+1$
-108330	G	$(-9-8*7*6)*(5^4+3)/(2*1)$	-127490	G	$9+(8-76)*5^4*4*3+2-1$
-108370	G	$-9-8*7*(6^4+5/4-3^2)-1$	-127492	G	$9+(8-76)*5^4*4*3-2+1$
-108507	P	$-(-98+7^4*6)+5*(43^2-1)$	-127577	G	$-9+(8-76)*5*(5^4*3+2-1)$
-108568	G	$9-87*(6^4*5^4/3-2)-1$	-127581	G	$(-9-8*7*6)/5^4*43^2*1$
-109537	G	$-9*8-7*(6^4+5+43)^2+1$	-128041	G	$-9-8*(-7+(6+(5*4)^3)*2-1)$
-111656	P	$(9+8)*(-7+(6-(5+4))^3(3^2-1))$	-129493	G	$9*(-8-7*6*5)^5*(4^3+2)-1$
-111949	G	$(-9-8-7*(6+(5*4)^3))^2+1$	-130172	G	$((-9-8)*(7654+3)-2)-1$
-111976	P	$-(9+8)-7*(6-(5*4)^3*2)-1$	-130288	G	$(-9-8)*(7654+3^2+1)$
-112227	G	$-9+(8-(7-6*(54+3))^2)-1$	-131253	P	$-(9-8)-76*(54^3-1)$
-112884	G	$9-((8*7*6)^4(-5+4+3)-2-1)$	-131299	G	$-9+(-8-7*6*5^4)^3(3+2^2+1)$
-112902	G	$-9-((8*7*6)^4(-5+4+3)-2-1)$	-132757	P	$-(987+(6+5)^4/3^2-2)-1$
-112908	G	$-9-((8*7*6)^4(-5+4+3)+2+1)$	-134076	G	$-9-87/6*(5^4*43^2+1)$
-113370	G	$-9-87*((654-3)^2+1)$	-134084	G	$-9+(8+7*(6-5^4))^3(32-1)$
-113953	G	$-9-8765*(4+3^2)+1$	-134324	P	$-(9-8)+7*(6-5^4)^3(32-1)$
-114220	P	$-(-98+7-6)^5*(5+4^4(3+2))-1$	-134507	G	$9+8-7^4*6-5^4*4*3^2(2+1)$
-115683	G	$9-(87+6)^5*(5^4-3)^2*1$	-134538	G	$-9-8*(7^4(6-(5-4))+3^2)-1$
-116295	G	$98-7^4*6+(5^4+3)^2*1$	-135134	G	$9*(-8-7)-(6*5)^4/(3^2)+1$
-116392	G	$9-(8*7^4*6+(5^4+3)^2*1)$	-135382	G	$-9-87*(6^4+5^4)/(3+2)-1$
-116404	G	$9-8-7^4*6+(5^4-3)^2*1$	-135392	G	$(98*7+6^4)^5*-4*(3+2-1)$
-118821	G	$9*8-7^4*6-(5^4-3)^2*1$	-135582	G	$9-8+7*(6-5^4*(32-1))$
-118904	G	$9-8-7^4*6-(5^4+3)^2*1$	-136555	P	$(9*8-7*(6-5^4))^3-(32-1)$
-119014	G	$987-6*5^4*32-1$	-136901	G	$(9+8)*7(6-5^4*(32-1))$
-119046	G	$(9*(8-7*(6+5^4))^3-2)-1$	-137261	G	$(-9-8-7^4(6+5-4))/(3^2)-1$
-119455	G	$9*8-7^4*6-5^4*4*3-2-1$	-137578	G	$9*8-7^4*6-5^4*4*3^2-1$
-119562	G	$(-9-8)*(7+6)^5*(543-2)-1$	-137659	P	$-(9+8+(7*(65-4^3))^2)-1$
-119865	G	$9*(8+7)-6*5^4*(32*1)$	-138664	P	$-(9-8)+7*((6-5^4)^3*32-1)$
-119905	G	$9+87-6*5^4*32-1$	-138755	P	$9-((-8-7)^3*(6-5/-43^2-2)-1)$
-119922	G	$9*8+7-6*5^4*32-1$	-138922	P	$-(9+(8-7*(6-5^4))^3*32)-1$
-120008	G	$-9+8-7-6*5^4*(32*1)$	-138980	G	$987-6^4(-5+4^3)/2+1$
-120010	G	$-9-8+7-6*5^4*(32*1)$	-138982	G	$987-6^4(-5+4^3)/2-1$
-120014	G	$-98/7-6/(5^4-4/32)^3*1$	-139577	G	$(9*(-87+6^4*5^4)+3)/-2+1$
-120065	P	$-(-9-8)*7-65^4*43^2+1$	-139579	G	$(9*(-87+6^4*5^4)+3)/-2-1$
-120092	G	$-98+7-6*5^4*32-1$	-140532	G	$9*(8*7/6-5^4(4*3/2)+1)$
-120135	G	$-9*(8+7)-6*5^4*(32*1)$	-142349	G	$9+8-7*((-6-5)^3*-43^2-1)$
-120211	P	$-(98-7)+65*(-43^2+1)$	-142365	G	$-9-8-76*(5^4*3-2)*1$
-120259	G	$-9^4(8-7)-65*(43^2+1)$	-142431	G	$9*8-76*5^4*4*3-2-1$
-120425	P	$-(9+8)-(7-6*(5-4^3))^2+1$	-142446	P	$-(-9-8-76*-5^4)^3+2+1$
-120461	G	$(-9+8*7)^6*(5*(5-432)-1)$	-142570	G	$-9*8-76*5^4*4*3+2*1$
-120504	G	$-9*8*7-6*5^4*32*1$	-142575	G	$9-8-76*(5^4*3+2-1)$
-120505	G	$-9*8*7-6*5^4*32-1$	-142653	G	$-9+8-76*(5^4*3+2*1)$
-120634	P	$-9-8*7*-(-6-5^4*32)-1$	-142656	G	$9*8-76*(5^4*3+2+1)$
-120668	G	$(-98+7-6)^5*(5^4-3)^2(2*1)$	-142669	G	$-9-8-76*(5^4*3+2*1)$
-120686	G	$98*-7-6*5^4*32*1$	-143201	G	$-9-8-76*(5^4+3)^2(2+1)$
-121244	G	$((-98+7-6)*5^4+3)^2(2*1)$	-143336	P	$9+8-7*(6-5*-4^4(3^2)+1))$

-143342	G	$-9-(8-7*(6-5/4^*(3*-2)-1))$	-168790	G	$(9*8+7^(6-5+4))*(-3^2-1)$
-143420	P	$9+8-7*(-(-6-5*(4^(3^2)+1))$	-169086	G	$9-87/(6^-5*4)+32+1$
-144372	G	$(9-8+76)*-5^4*3+2+1$	-169395	G	$-9-(87*(6^5/4+3)-2)+1$
-144517	G	$-9-8+7^6-5-4^(3^2*1)$	-169876	G	$-9876-(5*4)^(3+2-1)$
-144529	G	$(-9+8-76)*(5^4*3+2)*1$	-169896	G	$(98-7)*(6-(5^4*3-2))+1$
-144572	G	$-9*8+7^6-5-4^(3^2*1)$	-169898	G	$(98-7)*(6-(5^4*3-2))-1$
-144598	G	$-98+7^6-5-4^(3^2*1)$	-170202	G	$-9+(87-((6+5)*4)^3)*2+1$
-145626	G	$(9-87)*(6*(5^4-3)/2+1)$	-171368	G	$-9+8*765*(4-32)+1$
-145762	P	$-(9-8)-7*(6+5^4)*(32+1)$	-171895	G	$-9*8-7*-6*(5-4^(3*2))-1$
-145923	P	$-(9*8-7*65+4-3)^2+1$	-173321	G	$-9-8*7*6^5+4^(3^2*1)$
-145925	P	$-(9*8-7*65+4-3)^2-1$	-173891	G	$-9+8-(-7*(6+54)+3)^2-1$
-146133	G	$(9-87)*(6/5^4-4-3)/(2*1)$	-173907	P	$-(9+8)-(-7*(6+54)+3)^2-1$
-146177	G	$-9-8-7*6*((5-4^3)^2-1)$	-174180	G	$9-(87+6)*(5^4*3-2)*1$
-146212	P	$-(9+8)-7*(6*(5-4^3)^2-1)$	-174189	G	$(-9-8-76)*(5^4*3-2*1)$
-146248	G	$-9+(8-7*654)*32+1$	-174198	G	$-9-(87+6)*(5^4*3-2)*1$
-146506	P	$(9-87)*-7*(654*32-1)$	-174372	G	$(-9-8-76)*5^4*3+2+1$
-146821	G	$-9+(8-76)*(5^4*32-1)$	-174552	G	$9-(87+6)*(5^4*3+2)*1$
-147621	G	$(9^-(8+7+6)*5-(4-3))/-2+1$	-174561	G	$(-9-8-76)*(5^4*3+2)*1$
-147624	G	$(9^-(8+7+6)*5+4-3)/-2-1$	-174570	G	$-9-(87+6)*(5^4*3+2)*1$
-148226	P	$-(9+8+76*5-4*3)^2-1$	-174751	G	$9+(8^-(7-6+5)-4)/-3*(2*1)$
-149729	P	$-9-8*(7-6*5^4)*-(3+2)*1$	-174962	G	$-9+((-8-7)*6^5+4)*3/2+1$
-149849	G	$(9-8)-(76+5)*(43^2+1)$	-175058	G	$-9+(-8-7)*(6^5+4)*3/2+1$
-151365	P	$-(9*(8+7^6(6-5+4)+3)+2)-1$	-175310	P	$-(9+(87654*3)*2)+1$
-151653	P	$9*-((8-(7-6))^(5+43)-2+1)$	-175574	G	$9-((8*7)^(6-(-5-4))-32)+1$
-151722	G	$-9-(87-6)*(5^4*3-2)*1$	-175576	G	$9-((8*7)^(6-(-5-4))-32)-1$
-152700	P	$-(9*87*65+4)*3-2-1$	-175756	G	$-9-8*(7+(6+5)^4*3/2)+1$
-153784	G	$-9+8*7*((6-5^4)^3-2)+1$	-177206	P	$-(98*7*6+5)*43-2-1$
-155396	G	$-9-8+(7-6^5)*4*(3+2)+1$	-179023	P	$(-9^-(8-(7+6))-5^4)*3-2+1$
-156653	P	$-(9*(-8-7)*6+54^3)+2-1$	-179065	G	$9*(8*(7+6)-5^4*32)-1$
-158263	G	$-9-87*(-6*5+43^2)-1$	-179191	G	$9*(8+7)*6-5^4*32-1$
-159204	G	$(-98+7+6)*(5^4*3-2)+1$	-179270	G	$9*(87-6-5^4*32)+1$
-159205	G	$(-98+7+6)*(5^4*3-2*1)$	-179442	G	$9*(8*7+6-5^4*32)*1$
-159259	G	$9+8*(7^6-54^3)/2-1$	-179778	G	$-9+8-(-7*(65-4)+3)^2-1$
-159268	G	$-9+8*(7^6-54^3)/2+1$	-179794	P	$-(9+8)-(-7*(65-4)+3)^2-1$
-159277	G	$-9+8*((7^6-54^3)/2-1)$	-179829	G	$98*(7*6-(5^4*3+2))+1$
-159372	G	$(-98+7+6)*5^4*3+2+1$	-180450	G	$-9*(8+7*6+5^4*32)*1$
-159373	G	$(-98+7+6)*5^4*3+2*1$	-180558	G	$-9*(8*7+6+5^4*32)*1$
-159378	G	$(-98+7+6)*5^4*3-2-1$	-180838	G	$-9*(87+6+5^4*32)-1$
-159460	G	$(-98+7+6)*(5^4*3+2)-1$	-180874	P	$9*87*(-6-5*(-43+2))-1$
-159545	G	$(-98+7+6)*(5^4*3+2)*1$	-180937	G	$-9*(8*(7+6)+5^4*32)-1$
-159672	G	$-9+8*(7*6-5^4*32)+1$	-181056	G	$-9-87*(65^4*3/2+1)$
-159754	G	$-9+8*(7-6-5^4)*32-1$	-181681	G	$(-98+7-6)*(5^4*3-2)*1$
-160007	P	$-((9+8-7-6*5)^4+3^2)-1$	-181972	G	$(-98+7-6)*(5^4*3+2)-1$
-160016	G	$-9-8+7-(6+(5^4)^(3+2-1))$	-182183	G	$98*(7-6*(5^4-3)/2)-1$
-160030	G	$-9-8-(7+6+(5^4)^(3+2-1))$	-182728	G	$(9/8-7)*6^5*4+3^2-1$
-160047	G	$(-9+8-7)*(6+5^4*32)+1$	-183024	G	$-9*(8*7*6+5^4*32)*1$
-160141	G	$-9*(8+7)-6-(5^4)^(3+2-1)$	-184546	G	$-9+(-87+6^5)*4*-3*2-1$
-160311	G	$((-9+87*6)*-5^4+3)/(2*1)$	-184627	G	$9*(8-7*6-5/4^3*(3^2))-1$
-160468	P	$-((-9+87)*6-(5^4)^(3+2-1))$	-184696	G	$-9+(8-7*6)*5432+1$
-160630	G	$(-98-7)*6-(5^4)^(3+2-1)$	-185013	G	$-9*(8-76+5^4*(32+1))$
-161069	G	$-9-(8+(7^6(6-5)+4)^(3+2)+1)$	-185427	G	$(-98-7+6)*(5^4*3-2)*1$
-161292	G	$(-9-8)*76-(5^4)^(3+2-1)$	-186377	G	$9*(8*(7-6^5+4)/3-2)+1$
-161589	P	$-((9-87*(6-5^4))*3+2)-1$	-186994	G	$-9+(-8-7-6^5)*4*3*2-1$
-162095	P	$-(9+87+(6*5)^4/(3+2))+1$	-187869	G	$-98*(7*6+5^4*3)-2-1$
-162104	P	$-(9+87+(6*5)^4/(3+2))+1$	-187884	G	$-9*(876+5^4*32)*1$
-162438	G	$-9+87*(6-5^4*3+2)*1$	-189016	G	$-9-8-7/(6*5)^-(4+3-2)+1$
-162786	G	$-9+87*(6-5^4*3-2)*1$	-189099	G	$-98-7*(6*5)^(4-3+2)-1$
-163705	P	$-9-8*(7+6-5*(4^(3^2)-1))$	-189129	G	$-9-8*(7*((6+5+4)^3+2)+1)$
-163916	G	$-9-87*6*(5^4+3)/2+1$	-189289	P	$9*8*(-7-6*(-5+432))-1$
-164350	G	$-98+(7-(65+4)^3)/2-1$	-189816	G	$98*(7-6^5/4)+3^2+1$
-164510	G	$9*(-87-6^5/4)/3^2-2+1$	-190003	G	$(-9-8*76*5^4+3)/2^2+1$
-164527	P	$-(9-87*((-6-5^4)*3+2))-1$	-190605	G	$(9+8^7)/(-6-5)+43+2+1$
-165255	P	$-(9*8*765+4)*3-2-1$	-191335	G	$(9+8)*(7-6*(5^4*3+2*1))$
-165665	P	$-(9+8)-(-7-6*(5+4^3))^2+1$	-191784	P	$-((-9-8)+7)*-((6-(5^4)^3+2)-1)$
-166733	G	$(9+87*6)*(5^4+3)/-2+1$	-192441	P	$-((-9*8+(7*6+5)*4^(3*2))-1)$
-166735	G	$(9+87*6)*(5^4+3)/-2-1$	-192482	P	$-(9+8)+(7*6+5)*(-4^(3^2)+1)$
-167154	G	$-9-8*(7+6*(5-4^3)^2)-1$	-192529	P	$-(9+8)+(7*-6-5)*4^(3*2*1)$
-167744	P	$-(9-8-7)^6*5+4^(3^2-1)$	-192610	P	$-(98+(7*6+5)*4^(3*2))*1$
-168570	G	$(-9-87+6)*(5^4*3-2)*1$	-192943	P	$-9*(87-6^5)-4^-(3^2*1)$
-168747	G	$(-9-87+6)*5^4*3+2+1$	-193112	G	$-9+(8-7*65)*432+1$

-194937	P	$(98-7*6)/-(5-4^3)^{-2-1}$	-223352	G	$-9-(87*6-5)*432+1$
-195720	G	$-9-(8*765-4)*32+1$	-223637	G	$98-(7+((-6-5)*43)^{2-1})$
-195903	P	$98*(-(7*6+5^4)*3+2)-1$	-223674	G	$-9-8*-7*(6-(5*4)^3/2)-1$
-196034	G	$(98+7)*7(6-(5^4*3-2))+1$	-223681	P	$-(9-8*7)-((-6-5)*43)^{2+1}$
-196036	G	$(98+7)*(6-(5^4*3-2))-1$	-223890	P	$(9+8)*-(7*(6+5^4*3)+2+1)$
-196914	P	$-9-8*(7-6*-(5+4^(3^2)))-1$	-224213	G	$(9+8)*(7*6*(5^4+3)/-2-1)$
-197576	P	$-(9-8)+7*(-(6+5^4*3)^{2-1})$	-225073	P	$9*8*-(7-6+5^4(-4+3^2))-1$
-198150	G	$(9+8-7)^6/-5+43^2+1$	-225498	G	$-98*(7*6*5^4+32+1)$
-198152	P	$(-9-8)*-(7-6^5/4*3^2+1)$	-225545	G	$-9-(876+5)*4^{(3+2-1)}$
-199570	G	$-9+8-7^6-5*4^3(3^2+1)$	-226808	P	$-(9-8)+7*(-((-6-54)^3)^{2-1})$
-199752	G	$-9*(8-7/6)*((54+3)^{2-1})$	-226816	G	$-9-8-7/((6+54)^3)^{-2+1}$
-199940	G	$(9+8-7)*7(6-5^4*3^2*1)$	-226824	P	$-(9+8)+7*(-((-6-54)^3)^{2-1})$
-200027	G	$-9*8-7*(6*(5+4^3)^{2-1})$	-228138	P	$-(9-8)-7*(6*5432-1)$
-200048	G	$(9+8-7)^6/-5-(4+3)^{2+1}$	-228154	P	$-(9+8)-7*(6*5432-1)$
-200144	P	$-((-9+8)+7)^6/5-(4*3)^{2*1}$	-228594	G	$-9-8*(7+6*(5+4^3)^{2-1})$
-200145	P	$-((-9+8)+7)^6/5-(4*3)^{2-1}$	-228768	G	$-9-8*-7*(6+5-4^3(3^2))+1$
-200641	P	$-9-8*-(76*5*(-4^3-2)+1)$	-229183	G	$(9-(8+7))^6*5+4^3(3^2)+1$
-200739	P	$-(9*8*-(7-65^4*3)+2)-1$	-229440	G	$-9-8*-7*(-6+5-4^3(3^2))+1$
-201025	P	$-(9+8-7)^6/5-4^3(3+2)-1$	-229709	G	$-9^4(-8+7+6)^5+4^3(3^2-1)$
-201274	G	$-9-8*-7*(6-(5*4^3)^2)-1$	-229956	P	$(9*87*6-5)*-(4+3)^{2+1}$
-201747	P	$-(9*8*(7+65^4*3)+2)-1$	-230000	G	$-9-8*7*(6+5+4^3(3^2))+1$
-201848	G	$(9+8-7)^6/-5-43^2+1$	-231430	G	$(9-(8+7))^6*5+43^2+1$
-201850	G	$(9+8-7)^6/-5-43^2-1$	-231432	G	$(9-(8+7))^6*5+43^2-1$
-201889	P	$9*8*(-(7+65^4*3)-2)-1$	-231849	P	$-9*(8-7*(-6+5-4^3(3^2)-1))$
-202159	P	$(98+7*6)*-(5-43)^{2+1}$	-232847	G	$9-8*(7*(65/4^3-2)+1)$
-203141	P	$-(9+8)+(-7-6)*5^4(4*3/2)+1$	-233194	P	$-(9-8-7)^6*5+43^2*1$
-203761	P	$-(9/(8-7))^6+5*4^3(3^2-1)$	-233195	P	$-(9-8-7)^6*5+43^2-1$
-204365	G	$(9-8*7*6)^5*4+3^2+1$	-233221	G	$(9-(8+7)*6^5-4/3)^{2+1}$
-207091	G	$-9*8+7-(65*(4+3))^{2-1}$	-233230	G	$9-(8+7)*(6^5-4/3)^{2+1}$
-207496	G	$(9*(87-(6^5-4))^3-2)+1$	-233234	G	$(9-(8+7))^6*5+43+2+1$
-207500	G	$(9*8*-7+6)/5^4-4/(3/2*1)$	-233236	G	$(9-(8+7))^6*5+43+2-1$
-207745	G	$-98+(7-6*(5+4))^3*2-1$	-233237	G	$(9-(8+7)*6^5+4*3)^{2+1}$
-207784	G	$-9*8+7*6^5-4^3(3^2*1)$	-233243	G	$(9-(8+7))^6*5+4+32+1$
-207810	G	$-98+7*6^5-4^3(3^2*1)$	-233245	G	$(9-(8+7))^6*5+4+32-1$
-207988	P	$-(9-8)+(-7-6)*((5*4)^3*2-1)$	-233251	G	$(9-8-7)^6*5-4+32+1$
-208004	P	$-(9+8)+(-7-6)*((5*4)^3*2-1)$	-233309	G	$(9-(8+7))^6*5+4-32-1$
-208016	P	$-(9+8)+(-7-6)*((5*4)^3*2+1)$	-233320	G	$(9-8-7)^6*5-43+2+1$
-208024	G	$-9+(-8+(-7-6)*((5*4)^3)^{2+1})$	-233324	G	$(9-8-7)^6*5-43-2+1$
-208124	G	$(-98-7-6)^5*4^3+2-1$	-233326	G	$(9-8-7)^6*5-43-2-1$
-208126	G	$(-98-7-6)^5*4^3-2+1$	-233347	P	$-((-9+(-8-7)*6^5+43)^{2+1})$
-208347	G	$(-98-7-6)^5(4^3+2)*1$	-233366	P	$-(9-8-7)^6*5-43^2*1$
-208984	P	$9-8*7*6^5-(-5^4+3)^{-2+1}$	-233605	P	$(9-(8+7))^6*-(5+(4*3)^{-2})-1$
-209345	G	$-9-8*(-76+(5^4*3)^{2-1})$	-233623	G	$(9+(-8-7)*6^5+4*3)^{2-1}$
-210080	P	$(9*(-(8-7)^6+5)+4)*-(32*1)$	-233864	P	$-(9+(8+7)^6-(5+4)^3)^{2+1}$
-210155	G	$(98+(7+6+5)^4+3)^{-2-1}$	-233969	G	$9*8-(7^6-5^4-3)^{2+1}$
-211105	P	$9*8*-(7-65*(-43+2))-1$	-233981	G	$9*8-(7^6-5^4+3)^{2+1}$
-211601	P	$-(9+8+7*65-4^3)^{2-1}$	-234025	G	$9+8-(7^6-5^4-3)^{2*1}$
-211688	G	$-9-8*7*6^5(5^4+3+2)+1$	-234043	G	$(-9+8-7^6+5^4+3)^{2+1}$
-211751	G	$-9*8-7*6^5(4-3^2)+1$	-234113	P	$-9-8*-((7-(6+5)^4+3)^{2-1})$
-213024	G	$9*8*-7*(6+5^4/(3/2*1))$	-234125	G	$9*(8-7*(-6+5^4)^3)^{2+1}$
-213857	G	$(9-8*7*6)^{-5+4+3}*2+1$	-234139	G	$9*8-(7^6-543)^{2+1}$
-213859	G	$(9-8*7*6)^{-5+4+3}*2-1$	-234194	G	$9+8-(7^6-543)^{2+1}$
-214848	G	$-9*(8+7*6^5(5^4+3)/(2*1))$	-234305	P	$-9*(8-7*(-6*5^4-32))+1$
-214999	P	$-(9-8)-7*6^5(5*4^3(3+2)-1)$	-234515	G	$(9*8-7^6-5*4^3)^{2-1}$
-215024	G	$9+8-7*6^5*4^3(3+2)-1$	-235124	G	$9*8-(7^6-54+3)^{2*1}$
-217088	P	$((-(-9+8)+7)*6+5)^{-4^3(3^2)*1}$	-235390	G	$9+(8-7^6+5^4+3)^{2+1}$
-217172	P	$-(9+8)-((7+(-6-5)*43)^{2+1})$	-235517	P	$-(9*8+7^6-5+43)^{2+1}$
-217253	P	$-(98+(7+(-6-5)*43)^{2+1})$	-235523	G	$98-(7^6+5^4*3)^{2+1}$
-217316	G	$-9-(8+(7-6^5))^4(3-2)+1$	-235525	G	$98-(7^6+5^4*3)^{2-1}$
-217493	G	$(9-87*6^5*4)/3^2+1$	-235545	G	$(9*8+7^6+5^4-3)^{-2-1}$
-217565	P	$-9-8*(-(7*6^5+43)/2*1)$	-235569	P	$(-98+7^6-5)-43)^{2+1}$
-217985	G	$-9-8*((7*6^5+4^3)/2-1)$	-235605	G	$9+8-(7^6+5^4*3)^{2*1}$
-218116	G	$(-98-7*6^5)^4+3+2-1$	-235710	G	$9+8-(7^6+5^4*3)^{2+1}$
-218942	G	$-9-8*7*(6^5+43)/2-1$	-235880	P	$-(9^8+7)+6543^2-1$
-219969	P	$-(9+((87-6)^5+4^3)^{2+1})$	-236252	G	$-9+8-7*6^5*4^3*2-1$
-220174	P	$-(9-(87+6^5)^4(3-2))-1$	-236266	G	$-9-8-7*6^5*4^3*2+1$
-221216	P	$-(9+8)-((7-(6-54)^3)^{2-1})$	-236444	G	$98-(7^6+5^4-3)^{2*1}$
-222445	G	$(9+8)*7*(6-5^4*3)^{-2*1}$	-236456	G	$98-(7^6+5^4+3)^{2*1}$
-222769	G	$9*8*7*(-6-5^4*3)^{2-1}$	-236470	G	$9*8-(7^6+5^4-3)^{2*1}$
-222902	G	$-9+87*6^5(5-43)+1$	-237527	P	$-(9+8)+(-7+65)^{-4^3(3^2)+1}$

-237640	G	$9^* - 8 + (7 - 65) * 4^{\wedge}(3 * 2 * 1)$	-260065	P	$9 * 8 * 7 * 6 * - (54 + 32) - 1$
-237666	P	$-(98 + (-7 + 65) * 4^{\wedge}(3 * 2)) * 1$	-260097	G	$(9 - 87 / 6 * 5) * 4^{\wedge}(3 * 2) - 1$
-238696	P	$(-9^{\wedge}(-8 - 7) + 6) - 5^{\wedge}4 * (3 + 2 - 1)$	-260098	G	$-98 - (7 + 6) * (5^{\wedge}4 * 32 * 1)$
-239597	G	$9^* 87 * - 6 * (54 - 3) + 2 - 1$	-260415	P	$-(9 - 8 + 7)^{\wedge}6 + 54 * 32 + 1$
-239920	P	$-(9 + (-8 - 7) * (6 - (5 * 4)^{\wedge}3 * 2)) - 1$	-260473	G	$-9 + 8 * 7 * 6 * 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-240012	G	$(9 - 8 - 7 - 6) * (5^{\wedge}4 * 32 + 1)$	-260504	G	$-9 - (8 * 76 - 5) * 432 + 1$
-240732	P	$-(9 + 8) + (7 - (6^{\wedge}5 - 4)) * (32 - 1)$	-260686	P	$-(9 - 8 + 7)^{\wedge}6 + (5 + 4)^{\wedge}3 * 2 * 1$
-240738	P	$(9 * 87 * - (7 * (-6 + 5 * 4 + 3)))^{\wedge}2 - 1$	-261057	P	$-(9 - 8 + 7)^{\wedge}6 + 543 * 2 + 1$
-240946	G	$9 + 8 + (-7 + 6^{\wedge}5 + 4) * (-32 + 1)$	-261125	P	$-((9 - 8 + 7)^{\wedge}6 + 5 - 4^{\wedge}(3 + 2)) * 1$
-241150	P	$-(9 - 8) - (7 + 6^{\wedge}5 - 4) * (32 - 1)$	-261139	P	$-(9 + 8) - (7 * (6 * 5 + 43))^{\wedge}2 - 1$
-241189	G	$-9 - ((8 - 7) * 6^{\wedge}5 + 4) * (32 - 1)$	-261282	G	$-9 + 876 - 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-242176	P	$(-9 / 8 - 7) - 65) / 4^{\wedge}(3 * - 2 * 1)$	-261368	G	$-9 - (8 + 7) * ((6 + 5) * 4 * 3)^{\wedge}2 + 1$
-242814	P	$((9 * - 87 + 6) / - 5^{\wedge} - 4 + 3) / - (2 * 1)$	-261372	G	$9 * 87 - 6 - 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-242992	P	$9 * (8 - 7 - (6 * 5)^{\wedge} - (-4 + 3 - 2)) - 1$	-261488	G	$98 * 7 - 6 * 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-243296	P	$(-9 - 8 * 7) * 6^{\wedge}5 + 4^{\wedge} - (-3^{\wedge}2 * 1)$	-261510	P	$-(9 - 8 + 7)^{\wedge}6 + 5^{\wedge}4 + 3^{\wedge}2 * 1$
-243512	G	$9^* 87 * (-6 + 5^{\wedge}4 + 3) / - 2 + 1$	-261511	P	$-(9 - 8 + 7)^{\wedge}6 + 543 * 2 - 1$
-243978	G	$(9 * - 87 + 6) * (5^{\wedge}4 + 3) / (2 * 1)$	-261515	P	$(-9 - 8) * (-7 * 6 + 5) - 4^{\wedge} - (-3^{\wedge}2 * 1)$
-245346	G	$-9 + (8 - 7 + 6)^{\wedge}5 - 4^{\wedge}(3^{\wedge}2 * 1)$	-261524	P	$-(9 - 8 + 7)^{\wedge}6 - 5 * - 4 * (32 - 1)$
-245765	G	$(9 * 8 - 7) * (-6 * 5^{\wedge}4 - 32 + 1)$	-261525	G	$(-9 * (876 + 5) + 4) * (32 + 1)$
-245824	G	$-9 - 8 * (7 + 6 * 5 * 4^{\wedge}(3 + 2)) + 1$	-261527	P	$-9 * (8 - 76) * 5 - 4^{\wedge} - (-3^{\wedge}2 * 1)$
-246088	P	$-(9 + 8) - 7 * ((6 + 5 * 4)^{\wedge}3 * 2 + 1)$	-261528	P	$-(9 - 8 + 7)^{\wedge}6 + 5^{\wedge}4 - 3^{\wedge}(2 * 1)$
-246184	G	$-9 - (-87 - (-6^{\wedge}5 - 4)) * 32 + 1$	-261549	G	$-9 * ((87 + 6) * 5^{\wedge}4 - 3) / 2 * 1$
-246372	G	$-98 * (7 + 6 * 5^{\wedge}4 / 3) * 2 * 1$	-261550	G	$-9 + 8 * 76 - 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-246518	P	$(- (9 * 8 + 7)^{\wedge} - (6 - (5 + 4))) + 3) / 2 * 1$	-261561	G	$(9 * (-87 - 6) * 5^{\wedge}4 + 3) / (2 * 1)$
-246520	P	$-((9 * 8 + 7)^{\wedge} - (6 - (5 + 4))) + 3) / 2 + 1$	-261564	G	$(-9 * (87 + 6) * 5^{\wedge}4 - 3) / (2 * 1)$
-247746	P	$(9 * 87 + 6) * (5^{\wedge}4 + 3) / - (2 * 1)$	-261602	P	$-(9 - 8 + 7)^{\wedge}6 + 543 - 2 + 1$
-248482	G	$-9 + 8 - (-7 + 6^{\wedge}5 - 4) * 32 - 1$	-261604	P	$-(9 - 8 + 7)^{\wedge}6 + 543 - 2 - 1$
-248498	P	$-(9 + 8 - (7 - 6^{\wedge}5 + 4) * 32) - 1$	-261636	G	$9 + 8 * 7 * 6 - 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-248564	G	$(-9 - 8 * (7 - 6^{\wedge}5)) * - 4 + 3^{\wedge}2 - 1$	-261658	P	$-(9 - 8 + 7)^{\wedge}6 - 54 * (-3^{\wedge}2 * 1)$
-249192	G	$-9 - (8 + 7 + 6^{\wedge}5 - 4) * 32 + 1$	-261671	G	$9 - 8 * (7 - 65) - 4^{\wedge}(3^{\wedge}2 * 1)$
-249194	G	$-9 - (8 + 7 + 6^{\wedge}5 - 4) * 32 - 1$	-261681	G	$(-9 + 87) * 6 - 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-249329	P	$-9 - 8 * -((-7 - 6^{\wedge}5) * 4 - (32 + 1))$	-261690	G	$-9 + 8 + 7 * 65 - 4^{\wedge}(3^{\wedge}2 * 1)$
-249450	P	$-(9 + (8 + (7 + 6^{\wedge}5) + 4) * 32) - 1$	-261706	P	$-(9 - 8 + 7)^{\wedge}6 + 5 + 432 + 1$
-249471	G	$9 * ((-8 - 76) * 5 * (4^{\wedge}3 + 2) + 1)$	-261708	P	$-(9 - 8 + 7)^{\wedge}6 + 5 + 432 - 1$
-251231	P	$-(9 * 8 + 7 - (-6^{\wedge}5 + 4)) * 32 + 1$	-261761	G	$-9 * 8 + 7 * 65 - 4^{\wedge}(3^{\wedge}2 * 1)$
-251858	G	$9 + 8 - (7 + 6) / (5^{\wedge} - 4 / (32 - 1))$	-261769	P	$(-9 + 8 + 76) * 5 - 4^{\wedge} - (-3^{\wedge}2 * 1)$
-252257	P	$-(9 * 876 - (5 - 4)) * 32 - 1$	-261781	G	$-9 - 8 + 76 * 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-252894	P	$-(9 - 8 + 7)^{\wedge}6 - 5 * (-43^{\wedge}2 - 1)$	-261787	G	$-98 + 7 * 65 - 4^{\wedge}(3^{\wedge}2 * 1)$
-254369	P	$(-9 - 8)^{\wedge}7 + 6^{\wedge}5 - 4^{\wedge}(3^{\wedge}2 * 1)$	-261801	G	$-9 * ((-8 - 7 * - 6 * 5) / (4 * 3)^{\wedge} - 2 + 1)$
-254375	G	$(-9 + 8) * (7 - 6^{\wedge}5) - 4^{\wedge}(3^{\wedge}2 * 1)$	-261815	P	$-(9 - (8 - 7))^{\wedge}6 - 5 * - (4^{\wedge}3 + 2) - 1$
-254382	G	$-98 / 7 + 6^{\wedge}5 - 4^{\wedge}(3^{\wedge}2 * 1)$	-261824	P	$((9 - 8 + 7)^{\wedge}6 - 5 / 4^{\wedge} - 3) * - (2 - 1)$
-254447	G	$-9 * 8 - 7 + 6^{\wedge}5 - 4^{\wedge}(3^{\wedge}2 * 1)$	-261829	G	$-9 * (-8 + 7 - 6) * 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-254464	G	$-9 - 87 + 6^{\wedge}5 - 4^{\wedge}(3^{\wedge}2 * 1)$	-261834	P	$-(9 - (8 - 7))^{\wedge}6 - 5 * (-4^{\wedge}3 + 2) * 1$
-254487	G	$(-9 - 8) * 7 + 6^{\wedge}5 - 4^{\wedge}(3^{\wedge}2 * 1)$	-261835	P	$-(9 - (8 - 7))^{\wedge}6 - 5 * (-4^{\wedge}3 + 2) - 1$
-254826	G	$9 * - 8 * ((7 / (6 / (54 - 3)))^{\wedge}2 - 1)$	-261843	P	$-9 * (8 - 7 * 6) - (5 + 4^{\wedge} - (-3^{\wedge}2 * 1))$
-254872	G	$-9 * 8 * 7 + 6^{\wedge}5 - 4^{\wedge}(3^{\wedge}2 * 1)$	-261914	P	$-(9 - 8 + 7)^{\wedge}6 - 5 * (-43 + 2) - 1$
-255054	G	$-98 * 7 + 6^{\wedge}5 - 4^{\wedge}(3^{\wedge}2 * 1)$	-261934	P	$-(9 - 8 + 7)^{\wedge}6 - 5 * (-43 - 2) - 1$
-255355	G	$-987 + 6^{\wedge}5 - 4^{\wedge}(3^{\wedge}2 * 1)$	-261938	P	$-(9 - (8 - 7))^{\wedge}6 - 5 * (-43 + 2) + 1$
-256033	G	$-9 + 8 * 765 - 4^{\wedge}(3^{\wedge}2 * 1)$	-262010	P	$-(9 * (8 + 7) + 6) + 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-256246	P	$-(9 - 8) + (7 - 6^{\wedge}5 + 4) * (32 + 1)$	-262020	P	$-((9 - 8 + 7)^{\wedge}6 + 5 - 4 * 32) + 1$
-256498	G	$-9 + 87 * 65 - 4^{\wedge}(3^{\wedge}2 * 1)$	-262022	P	$-((9 - 8 + 7)^{\wedge}6 + 5 - 4 * 32) - 1$
-256711	P	$-((9 - 8 + 7)^{\wedge}6 - 5432) + 1$	-262023	G	$98 - 7 + 6 * 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-256713	P	$-((9 - 8 + 7)^{\wedge}6 - 5432) - 1$	-262029	P	$-((9 - (8 - 7))^{\wedge}6 - (54 + 3) * 2) + 1$
-256747	P	$(-9 + 8) * 7 + (6^{\wedge}5 + 4) * - (32 + 1)$	-262057	P	$-(9 - 8 + 7)^{\wedge}6 + 54 + 32 + 1$
-256988	P	$-(9 + 8) - (7 + 6^{\wedge}5 + 4) * (32 + 1)$	-262083	G	$98 - 7 * 6 + 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-257473	P	$-(9 * (-8 + 7 * 65) / 4^{\wedge} - 3 + 2) + 1$	-262205	G	$-98 + 7 + 6 * 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-257773	G	$-9 + 876 * 5 - 4^{\wedge}(3^{\wedge}2 * 1)$	-262226	G	$-9 + 8 - 76 - 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-257895	G	$9 * (8 + 7 / 6) * (-5^{\wedge}(4 + 3 - 2) - 1)$	-262229	G	$-9 - 87 + 6 + 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-258145	P	$-(9 - 8 + 7)^{\wedge}6 + (5 * 4)^{\wedge}3 / 2 - 1$	-262232	G	$-9 - 8 - 76 + 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-258894	P	$-((9 - 8 + 7)^{\wedge}6 - (54 + 3)^{\wedge}2) + 1$	-262233	G	$9 - 87 - 6 - 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-258896	P	$-((9 - 8 + 7)^{\wedge}6 - (54 + 3)^{\wedge}2) - 1$	-262234	G	$-98 + 7 + 6 - 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-259113	G	$-9 + 8 * 76 * 5 - 4^{\wedge}(3^{\wedge}2 * 1)$	-262236	G	$-98 + 7 - 6 + 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-259543	G	$-9 + 87 * 6 * 5 - 4^{\wedge}(3^{\wedge}2 * 1)$	-262244	G	$9 - 8 * (7 + 6) - (5 + 4^{\wedge}(3^{\wedge}2 * 1))$
-259624	G	$-9 + 8 * 76 * (5 - 432) + 1$	-262245	P	$-((9 - 8 + 7)^{\wedge}6 + (54 - 3) * 2) + 1$
-259839	P	$-((9 - 8 + 7)^{\wedge}6 - (5 + 43)^{\wedge}2) + 1$	-262250	G	$-98 - 7 - 6 + 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-259841	P	$-((9 - 8 + 7)^{\wedge}6 - (5 + 43)^{\wedge}2) - 1$	-262251	G	$-9 - 87 - 6 - 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-259970	G	$9 + 8 - (7 + 6) * (5^{\wedge}4 * 32 - 1)$	-262253	G	$-9 * 8 - 7 - 6 * 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-259983	P	$-(9 - 8 + 7)^{\wedge}6 + 5 * 432 + 1$	-262265	G	$-98 + 7 - 6 * 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-260014	G	$-9 + 8 - (7 + 6) * (5^{\wedge}4 * 32 + 1)$	-262270	G	$-9 - 87 - 6 * 5 - 4^{\wedge}(3^{\wedge}2 * 1)$
-260016	G	$-9 - 8 - (7 + 6) * 5^{\wedge}4 * 32 + 1$	-262274	G	$-9 - 8 * 7 - 65 - 4^{\wedge}(3^{\wedge}2 * 1)$

-262287	G	$9-87-65-4^{\wedge}(3^{\wedge}2^*1)$	-267288	G	$-9*(8*(7/6+5^*4)+3)^{\wedge}2+1$
-262288	G	$-9^*8-7-65-4^{\wedge}(3^{\wedge}2^*1)$	-267290	G	$-9^*(8*(7/6+5^*4)+3)^{\wedge}2-1$
-262289	G	$-98-7^*6-5-4^{\wedge}(3^{\wedge}2^*1)$	-267611	G	$-9^*8^*76+5-4^{\wedge}(3^{\wedge}2^*1)$
-262294	P	$-(9^*8-7^*6)^*5-4^{\wedge}(3^{\wedge}2^*1)$	-267621	G	$-9^*8^*76-5-4^{\wedge}(3^{\wedge}2^*1)$
-262298	G	$98/(7/(-6-5))-4^{\wedge}(3^{\wedge}2^*1)$	-267769	P	$9^*(87^*6^*- (54+3)+2)-1$
-262300	G	$-98+7-65-4^{\wedge}(3^{\wedge}2^*1)$	-267808	G	$-9-87^*65-4^{\wedge}(3^{\wedge}2^*1)$
-262307	P	$-98+(-7-6)^*5-4^{\wedge}(-3^{\wedge}2^*1)$	-268126	P	$-(9-8)-(7+6)/(5^{\wedge}-4/(32+1))$
-262313	G	$-98-76+5-4^{\wedge}(3^{\wedge}2^*1)$	-268970	G	$-9-8^*(7^{\wedge}(6-5+4)+3)^*2-1$
-262319	P	$-(9-8+7)^{\wedge}6-5^*(4+32-1)$	-269275	G	$-9+87^*(6-5^{\wedge}4)^*(3+2)-1$
-262324	P	$-(9-8+7)^{\wedge}6-5^*(4+32^*1)$	-269283	P	$-(9^*8^*- (7-6/5^{\wedge}-4+3)+2)-1$
-262355	G	$-9+8-7^*6^*5-4^{\wedge}(3^{\wedge}2^*1)$	-269715	P	$-(9^*8^*(- (7-6^*5^{\wedge}4)+3)+2)-1$
-262364	P	$-(9-8+7)^{\wedge}6-5^*(43+2-1)$	-269842	G	$-9+87-6^{\wedge}5-4^{\wedge}(3^{\wedge}2^*1)$
-262371	G	$-9-8-7^*6^*5-4^{\wedge}(3^{\wedge}2^*1)$	-269873	G	$-9+8^*7-6^{\wedge}5-4^{\wedge}(3^{\wedge}2^*1)$
-262390	P	$(-9-8+7)^*- (6-(54^*3)^{\wedge}2-1)$	-270289	P	$-(9^*8^*- (-7-6/5^{\wedge}-4+3)+2)+1$
-262461	P	$(-9-8+7)^{\wedge}6-5^*4^{\wedge}3+2+1$	-270424	P	$9^*8^*- (7-(-6^*5^{\wedge}4+3^{\wedge}-2+1))$
-262529	G	$(-9+8-76)^*5-4^{\wedge}(3^{\wedge}2^*1)$	-270528	P	$9^*8^*- (7-6^*- (5^{\wedge}4-3^{\wedge}-2)+1)$
-262573	P	$-9+(-8-76)^*5-4^{\wedge}(-3^{\wedge}2^*1)$	-270606	G	$-98^*7-6^{\wedge}5-4^{\wedge}(3^{\wedge}2^*1)$
-262582	G	$9+8-7^*65-4^{\wedge}(3^{\wedge}2^*1)$	-270655	P	$(- (98^*7+6^{\wedge}5)+4)^*32+1$
-262596	G	$-9^*8-76^*5-4^{\wedge}(3^{\wedge}2^*1)$	-270703	P	$-9^*(8^*(- (-7-6^*5^{\wedge}4)+3)-2)-1$
-262616	G	$-9-8-7^*65-4^{\wedge}(3^{\wedge}2^*1)$	-270907	G	$-987-6^{\wedge}5-4^{\wedge}(3^{\wedge}2^*1)$
-262622	G	$-98-76^*5-4^{\wedge}(3^{\wedge}2^*1)$	-271384	P	$-(9-8+7)^{\wedge}6-5^*(43^{\wedge}2-1)$
-262629	P	$(-98+7-6)^*5-4^{\wedge}(-3^{\wedge}2^*1)$	-271390	P	$-(9-(8-7))^{\wedge}6-5/43^{\wedge}-2-1$
-262670	P	$(-9-8-7^*6^*5^{\wedge}4)^*- (-3^{\wedge}2-1)$	-271568	G	$-9-876^*5^*(4^{\wedge}3-2)+1$
-262671	G	$-9^*8-7^*65-4^{\wedge}(3^{\wedge}2^*1)$	-272256	G	$-9-87-6^{\wedge}5^*(4+32-1)$
-262680	G	$-9-87^*6-5-4^{\wedge}(3^{\wedge}2^*1)$	-272407	G	$-9-87^*(6+5^{\wedge}(4+3-2))-1$
-262697	G	$-98-7^*65-4^{\wedge}(3^{\wedge}2^*1)$	-272445	G	$-9-876^*(5^{\wedge}4-3)/2^*1$
-262713	G	$-9^*8^*7-65-4^{\wedge}(3^{\wedge}2^*1)$	-272472	G	$9-((87^*6)^{\wedge}(-5-(-4-3))-2)+1$
-262715	P	$(-9-87)^*6+5-4^{\wedge}(-3^{\wedge}2^*1)$	-273693	G	$-9-8-76^*((5^*4^*3)^{\wedge}2+1)$
-262725	G	$(-9-87)^*6-(5+4^{\wedge}(3^{\wedge}2^*1))$	-274581	G	$-9-87^*((6+5^{\wedge}4)^*(3+2)+1)$
-262738	G	$9-8^*76+5-4^{\wedge}(3^{\wedge}2^*1)$	-274923	P	$(9+8)^*- (7+6)^*(5^{\wedge}4-3)^*2+1$
-262756	G	$-9-8^*76+5-4^{\wedge}(3^{\wedge}2^*1)$	-275073	G	$-9-876^*(5^{\wedge}4+3)/2^*1$
-262783	G	$9-8^*(76+5)-4^{\wedge}(3^{\wedge}2^*1)$	-275158	P	$-(9+8)-7^*((6^*5+4)^{\wedge}3+2)+1$
-262829	G	$-98^*7+6-5-4^{\wedge}(3^{\wedge}2^*1)$	-276244	G	$((-9-8)^*(7+6)^*5^{\wedge}4+3)^*2^*1$
-262831	G	$-98^*7-6+5-4^{\wedge}(3^{\wedge}2^*1)$	-276677	P	$-9^*(8^*7^*- (-6-543)-2)+1$
-262841	G	$-98^*7-6-5-4^{\wedge}(3^{\wedge}2^*1)$	-277103	G	$-9-87^*65^*(4+3)^{\wedge}2+1$
-262860	G	$-98^*7-6^*5-4^{\wedge}(3^{\wedge}2^*1)$	-277239	P	$-(9-8-7)-6^*((5^*4^*3)^{\wedge}2-1)$
-262897	G	$-9^*87+6^*5-4^{\wedge}(3^{\wedge}2^*1)$	-277266	P	$-(9-87)-6^*((5^*4^*3)^{\wedge}2-1)$
-262910	G	$-9+8-765-4^{\wedge}(3^{\wedge}2^*1)$	-277334	P	$-(9+8+7)-6^*((5^*4^*3)^{\wedge}2-1)$
-262926	G	$-9-8-765-4^{\wedge}(3^{\wedge}2^*1)$	-277403	P	$-(9+8^*7)-6^*((5^*4^*3)^{\wedge}2+1)$
-262928	G	$-9^*87-6+5-4^{\wedge}(3^{\wedge}2^*1)$	-277575	P	$(9+8)^*(7+6)^*- (5^{\wedge}4+3)^*2+1$
-262957	G	$-9^*87-6^*5-4^{\wedge}(3^{\wedge}2^*1)$	-277666	G	$-9-(8+7^{\wedge}6)-(5^*4)^{\wedge}(3+2-1)$
-263054	G	$-98/7^*65-4^{\wedge}(3^{\wedge}2^*1)$	-278145	P	$-(9-8+7)^{\wedge}6-(5^*4)^{\wedge}3^*2-1$
-263132	G	$-987-6+5-4^{\wedge}(3^{\wedge}2^*1)$	-279186	P	$-9^*(-87+6^{\wedge}5^*4)+32-1$
-263142	G	$-987-6-5-4^{\wedge}(3^{\wedge}2^*1)$	-280306	G	$-9^*(8+(7+6^{\wedge}5)^*4+3+2)-1$
-263413	G	$-98^*(7+6)+5-4^{\wedge}(3^{\wedge}2^*1)$	-281231	G	$9^*8^*(-7+6^{\wedge}5+43)/-2+1$
-263440	P	$9^*8^*- (7+6+5)-4^{\wedge}(3^{\wedge}2^*1)$	-282724	G	$-98^*7^*6^*5-4^{\wedge}(3^{\wedge}2^*1)$
-263493	P	$-9^*(8-7-((-6+5)^{\wedge}4+3)^*2)^*1$	-284545	G	$9^*8^*76^*(-5^*4-32)-1$
-263680	G	$-9-(8+7)^*((6+5^*4)^{\wedge}3+2)-1$	-284966	G	$(9+8-76^*5^{\wedge}4^*3)^*2^*1$
-263833	G	$-9-8^*7^*6^*5-4^{\wedge}(3^{\wedge}2^*1)$	-285001	G	$-9+8-76^*(5^{\wedge}4^*3^*2^*1)$
-263872	P	$-(9-8+7)^{\wedge}6-54^*32^*1$	-285004	G	$9^*8-76^*(5^{\wedge}4^*3^*2+1)$
-263997	P	$9^*(-8^*7+(- (6+5)^{\wedge}4+3)^*2-1)$	-285017	G	$-9-8-76^*(5^{\wedge}4^*3^*2^*1)$
-264046	G	$(-9+8^*7)^*(6-5^{\wedge}4^*3^{\wedge}2+1)$	-285072	G	$-9+8-76^*5^{\wedge}4^*3^*2^*1$
-264140	G	$(-9+8^*7)^*(6-5^{\wedge}4^*3^{\wedge}2-1)$	-285073	G	$-9^*8-76^*5^{\wedge}4^*3^*2-1$
-264303	P	$-(9-8+7)^{\wedge}6-5^*432+1$	-285098	G	$-98-76^*5^{\wedge}4^*3^*2^*1$
-264304	P	$-(9-8+7)^{\wedge}6-5^*432^*1$	-285099	G	$-98-76^*5^{\wedge}4^*3^*2-1$
-264633	P	$-(9-8)+76^*(- (5-4^{\wedge}3)^{\wedge}2-1)$	-285674	G	$(-9+8-7^{\wedge}6)/5-4^{\wedge}(3^{\wedge}2^*1)$
-264745	P	$-(9^*(- (-8-7^{\wedge}6+5)/4+3)+2)+1$	-285701	G	$(-9-8)^*((7^{\wedge}(6-(5-4))-3)+2)+1$
-264746	P	$-(9^*(- (-8-7^{\wedge}6+5)/4+3)+2)^*1$	-285787	G	$(-9-8)^*(7^{\wedge}(6-5+4)+3+2-1)$
-265024	P	$(-9-87)^*6^*5-4^{\wedge}(-3^{\wedge}2^*1)$	-286264	G	$(-9-8)^*(7^{\wedge}(6-(5-4))+32)-1$
-265163	G	$-9^*8^*7^*6+5-4^{\wedge}(3^{\wedge}2^*1)$	-286280	G	$(-9-8)^*(7^{\wedge}(6-5+4)+32+1)$
-265173	G	$-9^*8^*7^*6-5-4^{\wedge}(3^{\wedge}2^*1)$	-286392	G	$-9-8^*-7^*(6-5^*4^{\wedge}(3+2))+1$
-265193	G	$-9-8^*76^*5-4^{\wedge}(3^{\wedge}2^*1)$	-288388	P	$-(9-8+7)^{\wedge}6-(-54^*3)^{\wedge}(2^*1)$
-265536	P	$(- (-9-8)+7)^*6^*(5-43^{\wedge}2)^*1$	-289070	G	$9-876^*-5^*(-4^{\wedge}3-2)+1$
-265793	G	$-9-8^*7^*65-4^{\wedge}(3^{\wedge}2^*1)$	-289443	G	$(9^*(-8-7)^*65+4)^*(32+1)$
-266280	P	$-(98+7)-65^*(4^{\wedge}(3^*2)-1)$	-289504	G	$-9^*8^*76^*5-4^{\wedge}(3^{\wedge}2^*1)$
-266533	G	$-9-876^*5-4^{\wedge}(3^{\wedge}2^*1)$	-290539	P	$-(9+8+(7^*(65+4^*3))^{\wedge}2)-1$
-266837	G	$-9^*87^*6+5-4^{\wedge}(3^{\wedge}2^*1)$	-290834	P	$-(9+8)+(-76+5)^*4^{\wedge}(3^*2)-1$
-266847	G	$-9^*87^*6-5-4^{\wedge}(3^{\wedge}2^*1)$	-290904	P	$-(9+8)+(-76+5)^*(4^{\wedge}(3^*2)+1)$
-266925	G	$-98^*7-65/4^{\wedge}(3^*-2)+1$	-291754	G	$-987^*6^*5-4^{\wedge}(3^{\wedge}2^*1)$
-267022	G	$-9^*87-65/4^{\wedge}(3^*-2)+1$	-295330	G	$-9^{\wedge}(-8+7+6)^*5-43^*2+1$

-295388	P	$9^{\wedge}-(8-7-6)^*-5-(4*3)^{\wedge}2+1$	-323624	G	$-98-7*(-6+(5*43)^{\wedge}2-1)$
-298138	G	$9-(8-7*((-6-5)^4)^3)/2+1$	-323662	P	$(9*8+7)^*(-6-5+4^{\wedge}(3*2))+1$
-298154	P	$-(9+8)-7*((6+5)^4)^3/2-1$	-323953	P	$-(9-8*7)+(6*5)^4/(-3/2-1)$
-298156	G	$-9-(8+7*((6+5)^4)^3)/2+1$	-324305	G	$-9-8*(-7+6^{\wedge}5)-4^{\wedge}(3^{\wedge}2*1)$
-298876	P	$(9+8)^*-(7+(6+5*4)^{\wedge}3-2)+1$	-324417	G	$-9-(8*(7+6^{\wedge}5)+4^{\wedge}(3^{\wedge}2*1))$
-299384	G	$-98*76*5-4^{\wedge}(3^{\wedge}2*1)$	-324454	P	$(9*8+7)^*(-6+5+4^{\wedge}(3*2))-1$
-299386	P	$-(9+8)-7*(6^{\wedge}5*(4+3/2)-1)$	-324796	G	$(9^{\wedge}(-8+7+6)+5)^*(-4-3/2)+1$
-299951	P	$-9-(8+7*((-6-5)^4)^3)^{\wedge}2-1$	-324798	G	$(9^{\wedge}(-8+7+6)+5)^*(-4-3/2)-1$
-299959	P	$-(9+8)+7*((-6-5)^4)^3)^{\wedge}2+1$	-325187	G	$(9+8*7*(6-5^{\wedge}4*3))^{\wedge}2+1$
-300021	P	$9*8*(7-65/-4^{\wedge}-3)+2+1$	-325189	G	$(9+8*7*(6-5^{\wedge}4*3))^{\wedge}2-1$
-300031	G	$(98*76-54^{\wedge}3)^{\wedge}2+1$	-325977	G	$9-(87*(6/5^{\wedge}-4-3)-2-1)$
-301564	G	$-9*876*5-4^{\wedge}(3^{\wedge}2*1)$	-326106	P	$(-9+8-7^{\wedge}6)*5+4^{\wedge}-(-3^{\wedge}2*1)$
-302408	P	$-9-((-8-76)^*(5*4*3)^{\wedge}2-1)$	-326173	P	$-(9+8*7*(6/5^{\wedge}-4-3+2))-1$
-302439	G	$(-9/(8-(7-6))^{\wedge}-5+43)^{\wedge}2+1$	-326290	G	$-9-87*6*5^{\wedge}4-32+1$
-303083	G	$(987*6-54^{\wedge}3)^{\wedge}2+1$	-327275	G	$(9-87*(6+5^{\wedge}4*3))^{\wedge}2+1$
-303247	G	$9*(8*7-6/5^{\wedge}-4*3^{\wedge}2)-1$	-327277	G	$(9-87*(6+5^{\wedge}4*3))^{\wedge}2-1$
-303864	G	$-9+8*7*(6-5432)+1$	-327738	G	$-9-87*(6*(5^{\wedge}4+3)-2+1)$
-303901	G	$98-76/((5*4)^{\wedge}-3*2)+1$	-327793	G	$(-9-8)*7+6-5*4^{\wedge}(3^{\wedge}2-1)$
-304016	P	$-(9+8)-76*(5*4)^{\wedge}3/2+1$	-328066	G	$-9-8^{\wedge}7+6*543^{\wedge}2+1$
-304174	G	$-98-76*((5*4)^{\wedge}3/2+1)$	-328073	P	$-9+(8+7)+6*(543^{\wedge}2-1)$
-304255	G	$9*(8*7-6/5^{\wedge}-4*3^{\wedge}2)-1$	-328103	G	$9*8*-7*(654-3)+2-1$
-304263	G	$-9*(8*7+6*5^{\wedge}4*3^{\wedge}2+1)$	-328750	G	$(9*87+6)*5^{\wedge}4/(-3/2*1)$
-304867	P	$-((-98*7-6^{\wedge}5)*43-2)+1$	-329258	P	$-9-(87^{\wedge}-(-6-(5+4)))-3)/2+1$
-305533	G	$(9*87*6-54^{\wedge}3)^{\wedge}2-1$	-330637	G	$-9-((-87+6^{\wedge}5)*43-2+1)$
-305791	P	$-(9+8)+7*((-6-5*43)^{\wedge}2-1)$	-330948	G	$9*-8*7*(6-5^{\wedge}4/-3*2*1)$
-306697	P	$-(98*7*6+54^{\wedge}3)^{\wedge}2-1$	-331856	P	$-((-9+8)+(-76-5)*4^{\wedge}(3*2)+1)$
-306734	G	$-98*7*65-4^{\wedge}(3^{\wedge}2*1)$	-332739	G	$-9*8-7*(654/3)^{\wedge}2+1$
-308369	P	$-(9-8+7)^{\wedge}6-(-5*43)^{\wedge}(2*1)$	-334113	G	$(-9+8+7-6^{\wedge}5)*43-2-1$
-309990	G	$(-98-7+6^{\wedge}5*4)^*(-3^{\wedge}2-1)$	-334140	P	$(-9*8-(7-6^{\wedge}5)*43)-2)+1$
-310311	G	$9*(8*(7*(6-5^{\wedge}4+3)+2)+1)$	-334162	G	$-98+(7-6^{\wedge}5)*43+2+1$
-310934	P	$-(9+8)-76*(5-4^{\wedge}(3*2))-1$	-334166	G	$-98-(-7+6^{\wedge}5)*43-2+1$
-311240	G	$(9*8*-7+6)*5^{\wedge}4+3^{\wedge}2+1$	-334168	G	$-98-(-7+6^{\wedge}5)*43-2-1$
-311678	P	$-(9-8)-76*(5+4^{\wedge}(3*2))-1$	-334665	G	$9-(8+(7+6^{\wedge}5)*43)+2+1$
-311694	P	$-(9+8)-76*(5+4^{\wedge}(3*2))-1$	-334744	P	$(-9*8+(7+6^{\wedge}5)*43)-2)-1$
-311802	G	$(-987-6)^*(5^{\wedge}4+3)/(2*1)$	-334808	P	$-9-((-87-6)*(-5*4*3)^{\wedge}2-1)$
-311980	G	$9*8*-7*((-6+5^{\wedge}4)-(-3+2)+1)$	-334889	P	$(9+8-7)*((-65+4)*3)^{\wedge}2+1$
-312430	P	$-(9-8*(7+(6-5^{\wedge}(4+3))/2))-1$	-335910	P	$-(9-8)-7*(6*((5*4)^{\wedge}3-2)-1)$
-312787	G	$9-8*((7+6+5^{\wedge}(4+3))/2-1)$	-336113	P	$-(98-7*(6*(-5*4)^{\wedge}3-2))-1$
-313039	G	$9-8*(7*65*43^{\wedge}2+1)$	-336155	G	$-9*8-7*6*((5*4)^{\wedge}3+2)+1$
-313199	P	$9*87/((-6-54)/3)^{\wedge}-2+1$	-336782	G	$-9+(8*7+6^{\wedge}5)*43+2+1$
-313635	G	$(9+8)*76-54^{\wedge}3^{\wedge}2+1$	-337114	G	$-98*765-4^{\wedge}(3^{\wedge}2*1)$
-313892	P	$-(9-(87*6-54^{\wedge}3)^{\wedge}2)+1$	-337164	P	$-(9*8-(7-6^{\wedge}5))^{\wedge}43-2+1$
-315170	G	$-9^{\wedge}((-8-7)/-6)+54^{\wedge}3*-2+1$	-337762	P	$-9*(8+7+6^{\wedge}5)*43+2+1$
-315316	P	$-(9-8)-7*((-6-5)*(-4^{\wedge}(3*2)+1))$	-337766	P	$-9*(8+7+6^{\wedge}5)*43-2+1$
-315464	P	$-9*8-7*((-6-5)*(-4^{\wedge}(3*2)*1))$	-338708	G	$(9+8)^*(76-5^{\wedge}4*(32*1))$
-315465	G	$9*-8-(-7*((-6-5)^4)^{\wedge}(3*2)+1)$	-339779	G	$(9+8)^*(7+6-(5^{\wedge}4*32*1))$
-315490	P	$-(98-7*((-6-5)^4)^{\wedge}(3*2))^{\wedge}1$	-340221	P	$(9+8)^*(-7+6+5^{\wedge}4*32*1)$
-315844	P	$-(9*87-6-5*43)^{\wedge}2*1$	-340809	G	$-9-8*(7+((6+5)^4)^{\wedge}3/2+1)$
-316505	P	$-(9*87+6+54^{\wedge}3)^{\wedge}2+1$	-340877	P	$-(9-8+7)^{\wedge}6-54^{\wedge}3/2-1$
-316593	G	$-9-8-7*6^{\wedge}5-4^{\wedge}(3^{\wedge}2*1)$	-341029	G	$-9*8765-4^{\wedge}(3^{\wedge}2*1)$
-316648	G	$-9*8-7*6^{\wedge}5-4^{\wedge}(3^{\wedge}2*1)$	-341240	G	$(-98+7)*6/5^{\wedge}-4+3^{\wedge}2+1$
-316674	G	$-98-7*6^{\wedge}5-4^{\wedge}(3^{\wedge}2*1)$	-341275	P	$(9+8)^*(-76+5^{\wedge}4*32-1)$
-317224	G	$-9*8*765-4^{\wedge}(3^{\wedge}2*1)$	-341844	G	$-9+8*(7-6^{\wedge}5)*(4+3/2)+1$
-318739	G	$-9+87-6^{\wedge}5*(43-2)-1$	-342138	P	$-(9-8-7)-6^{\wedge}5*((43+2)-1)$
-318740	G	$(9*8*7+6)*-5^{\wedge}4+3^{\wedge}2+1$	-342168	P	$-(9+8+7)-6^{\wedge}5*((43+2)-1)$
-318758	G	$(9*8*7+6)*-5^{\wedge}4-3^{\wedge}2+1$	-342962	G	$-9-8*7-6*(-5^{\wedge}4-32)+1$
-318882	G	$-9-8*7-6^{\wedge}5*(43-2)-1$	-344568	G	$98/7*-6*(5+4^{\wedge}(3*2)+1)$
-318908	G	$-98+7-6^{\wedge}5*(43-2)-1$	-346089	P	$-9-8*7*6*(-5-4^{\wedge}-(-3-2))-1$
-319121	P	$-(9+8+(-7-6^{\wedge}5)*(-43+2))-1$	-346921	P	$-(98-76*(5+4)-3)^{\wedge}2*1$
-319202	G	$-9+(8-7-6^{\wedge}5)*43-2-1$	-349192	P	$-9+(8*7*6+5)/4^{\wedge}(-3-2))+1$
-319439	G	$-9+(-8-7-6^{\wedge}5)*43-2+1$	-349255	G	$-9+(8+7-6^{\wedge}5)*43+2-1$
-319503	G	$-98*7-6^{\wedge}5*(43-2)-1$	-349621	G	$-9-8+(-7+6^{\wedge}5)*(-43-2)+1$
-319600	G	$-9*87-6^{\wedge}5*(43-2)-1$	-349678	P	$-(9*8+(-7+6^{\wedge}5)*43+2))-1$
-319802	G	$-987-6^{\wedge}5*(43-2)+1$	-349843	G	$-9+87-6^{\wedge}5*(43+2)-1$
-320769	G	$9*87*(6+5^{\wedge}4/-3*2+1)$	-350012	G	$-98+7-6^{\wedge}5*(43+2)-1$
-321192	P	$-((9-8+7)^{\wedge}6+(5+4)^{\wedge}(3+2))+1$	-350618	G	$-9-87*65*(4^{\wedge}3-2)+1$
-321194	P	$-((9-8+7)^{\wedge}6+(5+4)^{\wedge}(3+2))-1$	-350906	G	$-987-6^{\wedge}5*(43+2)+1$
-322393	G	$-9+(-87-6^{\wedge}5)*43-2-1$	-351052	G	$9+8-(7^{\wedge}6-5^{\wedge}4)*3+2+1$
-322831	P	$9*(8*76*(-5+4^{\wedge}3)+2)-1$	-351466	G	$-9-8*(7+(6+5)^{\wedge}4*3+2)-1$
-323474	G	$-9-87*(6/5^{\wedge}-4-32)+1$	-352160	P	$(9*8+7)^*(-6^{\wedge}5+4^{\wedge}-(-3^{\wedge}2*1))$

-352822	G	$98 - (7^6 - 5 - 4) * 3^{\wedge}(2 - 1)$	-386284	P	$-(9 - 8 * 76) - (-5^{\wedge}4 + 3)^{\wedge}2 + 1$
-353041	G	$-9 - (8 + (7^{\wedge}6 + 5^{\wedge}4)) * 3 - 2 + 1$	-386370	P	$-(9 - 87 * 6) - (-5^{\wedge}4 + 3)^{\wedge}2 + 1$
-353048	G	$9 * ((-8 - 7^{\wedge}6 - 5^{\wedge}4) / 3 - 2) + 1$	-387033	P	$-(9 * 8 + 76) - (-5^{\wedge}4 + 3)^{\wedge}2 - 1$
-353450	G	$(-9 - 8 * 7 * (6 + 5^{\wedge}4)) * (3^{\wedge}2 + 1)$	-387086	G	$-9 - (8 - 7 * (6 - 54)^{\wedge}3) / 2 - 1$
-353604	G	$9 * (8 + 7 - (6 * 5 + 4)^{\wedge}3) - 2 - 1$	-387414	P	$-(9 + 87 * 6) - (-5^{\wedge}4 + 3)^{\wedge}2 + 1$
-353845	G	$-9 + (-87 - 6^{\wedge}5) * (43 + 2) - 1$	-387500	P	$-(9 + 8 * 76) - (-5^{\wedge}4 + 3)^{\wedge}2 + 1$
-353874	P	$-(9 * (8 + 7 + (6 * 5 + 4)^{\wedge}3) + 2) - 1$	-387577	P	$-(98 * 7 + 6) - (-5^{\wedge}4 + 3)^{\wedge}2 - 1$
-354024	G	$9 * ((-87 - (6^{\wedge}5 + 4)) * (3 + 2) - 1)$	-387674	P	$-(9 * 87 + 6) - (-5^{\wedge}4 + 3)^{\wedge}2 - 1$
-354733	P	$(-9 - (8 - 7^{\wedge}6)) * -(5 + 4^{\wedge} - 3 - 2) + 1$	-388265	P	$-9 - 8 - 7 * 6 * -(5 * 43^{\wedge}2 + 1)$
-354753	G	$9 * 8 - (7^{\wedge}6 + 5^{\wedge}4) * 3 - 2 - 1$	-388741	P	$-(9 - 8) - 76 * 5 * (4^{\wedge}(3 + 2) - 1)$
-355698	G	$(-9 + 87 * 65) * (- (4^{\wedge}3 - 2) - 1)$	-389045	P	$-(9 - 8) - 76 * (5 * 4^{\wedge}(3 + 2) - 1)$
-356070	P	$(9 * 8 * (-7 + 6) * -5 * (- (4 * 3)^{\wedge}2 + 1))$	-389294	G	$(98 - ((-7 - 6 * -5) * 4)^{\wedge}3) / 2 + 1$
-356408	G	$-9 * (8 + (7 * 6 + 5) * 4 + 3)^{\wedge}2 + 1$	-389443	P	$-(98 - ((7 - 6 * 5) * 4)^{\wedge}3 / 2) - 1$
-356410	G	$-9 * (8 + (7 * 6 + 5) * 4 + 3)^{\wedge}2 - 1$	-389598	G	$-98 - 76 * 5 * (4^{\wedge}(3 + 2) + 1)$
-357603	G	$-9 / ((8 * 7 - 654) / 3)^{\wedge}2 + 1$	-389981	G	$(9 - 8 * (7 + 6) * 5^{\wedge}4 * 3) * 2 + 1$
-358043	P	$(-9^{\wedge}(- (8 - 7) + 6) - 5^{\wedge}4) * 3 * 2 + 1$	-389982	G	$(9 - 8 * (7 + 6) * 5^{\wedge}4 * 3) * 2 * 1$
-358045	P	$(-9^{\wedge}(- (8 - 7) + 6) - 5^{\wedge}4) * 3 * 2 - 1$	-390018	G	$(-9 - 8 * (7 + 6) * 5^{\wedge}4 * 3) * 2 * 1$
-358752	G	$(9 + 87) * ((6 - 5^{\wedge}4 * 3) * 2 + 1)$	-390121	G	$9 * 8 * 7 - (6 - 5 + 4)^{\wedge}(3^{\wedge}2 - 1)$
-359366	G	$98 * ((7 * 6 - 5^{\wedge}4 * 3) * 2 - 1)$	-390962	G	$(9 - 8 + 7 + 6 + 5)^{\wedge}4 * -3 + 2 - 1$
-360395	G	$-98 * ((7^{\wedge}6 - 5 + 4) / 32 + 1)$	-390964	G	$(9 + (8 * 7 - 6) / 5)^{\wedge}4 * -3 - 2 + 1$
-360401	P	$-9 - 8 * -(7 + (-6 - 5) * 4^{\wedge}(3 * 2) * 1)$	-390966	G	$(9 + (8 * 7 - 6) / 5)^{\wedge}4 * -3 - 2 - 1$
-360909	G	$-98765 - 4^{\wedge}(3^{\wedge}2 * 1)$	-391129	G	$-9 * 8 * 7 - (6 - 5 + 4)^{\wedge}(3^{\wedge}2 - 1)$
-361377	G	$(-9 + 8 * 7) * -6^{\wedge}5 + 4^{\wedge}(3 * 2) - 1$	-392183	G	$(-9 - (-8 - 7^{\wedge}6) * 5) * 4 / (-3 * 2) + 1$
-361754	G	$-9 - 8 * (65 / 4^{\wedge} - 3 - 2) + 1$	-392257	G	$(-9 - 8 * 765) * 4 * 3 - 2 + 1$
-362497	G	$(-9 - 87 * 65) * 4^{\wedge}3 - 2 + 1$	-392385	G	$(98 + 7) * ((6 - 5^{\wedge}4 * 3) * 2 + 1)$
-362499	G	$(-9 - 87 * 65) * 4^{\wedge}3 - 2 - 1$	-393311	G	$-9 * 8 + 7 - 6 * (5 + 4^{\wedge}(3^{\wedge}2 - 1))$
-363624	G	$(9 - 8 * 7) * 6^{\wedge}5 + 43^{\wedge}2 - 1$	-393784	G	$-9 + (8 * 76 - (5^{\wedge}4 + 3)^{\wedge}2) + 1$
-364990	G	$9 - 876 * 5^{\wedge}4 / 3 * 2 + 1$	-393870	P	$-(9 - 87 * 6) - (5^{\wedge}4 + 3)^{\wedge}2 + 1$
-365009	G	$-9 - 876 * 5^{\wedge}4 / 3 * 2 * 1$	-394413	G	$-9 - 8 - 7 - 6 - (5^{\wedge}4 + 3)^{\wedge}2 + 1$
-365017	G	$(-9 - 876 * 5^{\wedge}4 / 3) * 2 + 1$	-394628	P	$-9^{\wedge} - ((-8 - 7) / 6) - (5^{\wedge}4 + 3)^{\wedge}2 - 1$
-365018	G	$(-9 - 876 * 5^{\wedge}4 / 3) * 2 * 1$	-394728	G	$-9 - 8 * 7 * 6 - (5^{\wedge}4 + 3)^{\wedge}2 + 1$
-365170	P	$(-9 - 8 * 7) * -(6 - 5^{\wedge}4 * 3^{\wedge}2 + 1)$	-394914	P	$-(9 + 87 * 6) - (5^{\wedge}4 + 3)^{\wedge}2 + 1$
-365300	P	$(-9 - 8 * 7) * -(6 - 5^{\wedge}4 * 3^{\wedge}2 - 1)$	-395000	P	$-(9 + 8 * 76) - (5^{\wedge}4 + 3)^{\wedge}2 + 1$
-365652	G	$(9 - 8 * 7) * (6^{\wedge}5 + 4) + 3^{\wedge}2 - 1$	-395077	P	$-(98 * 7 + 6) - (5^{\wedge}4 + 3)^{\wedge}2 - 1$
-366855	P	$(987 * 6 - 5) * -(4^{\wedge}3 - 2) - 1$	-395353	G	$-9 * ((8 - 7 + (6 + 5)^{\wedge}4) * 3 + 2) - 1$
-367743	G	$9 - 8 * 7 * (6 + (5 + 4)^{\wedge}(3 + 2 - 1))$	-395693	G	$-9 * ((8 + 7 + (6 + 5)^{\wedge}4) * 3 - 2) + 1$
-367761	G	$-9 - 8 * 7 * (6 + (5 + 4)^{\wedge}(3 + 2 - 1))$	-399464	G	$-9 - 8 * -76 * (-5^{\wedge}4 - 32) + 1$
-368750	G	$(-9 - 876) * 5^{\wedge}4 / (3 / 2 * 1)$	-403910	G	$9 - 8 * -765 * (-4^{\wedge}3 - 2) + 1$
-369193	G	$-9 - 8 * (-76 + (5 * 43)^{\wedge}2 - 1)$	-404341	G	$987 * (6 + 5^{\wedge}4 / -3 * 2 + 1)$
-369652	G	$9 - ((8 * 76)^{\wedge}(-5 - (-4 - 3)) - 2) + 1$	-404980	G	$9 + 8 + (-7 + (6 * 5)^{\wedge}4 + 3) / -2 + 1$
-370137	G	$-9 - 8 * (7 * 6 + (5 * 43)^{\wedge}2 - 1)$	-405156	G	$9 * 8 * (-7 / 6 - 5^{\wedge}4 / 3^{\wedge}2 - 1)$
-371008	G	$-98 / 7 * 6^{\wedge}5 - 4^{\wedge}(3^{\wedge}2 * 1)$	-405687	G	$(-9 - 8) * 76 * (5^{\wedge}4 + 3) / 2 + 1$
-371534	G	$-98 - ((7 + 6)^{\wedge}5 + (4 * 3)^{\wedge}2) + 1$	-405689	G	$(-9 - 8) * 76 * (5^{\wedge}4 + 3) / 2 - 1$
-371536	G	$-98 - ((7 + 6)^{\wedge}5 + (4 * 3)^{\wedge}2) - 1$	-407952	G	$9 * 8 * (-7 * 6 - 5^{\wedge}4 / 3^{\wedge}2 + 1)$
-373334	G	$((-9 - (8 + 7)) * 6^{\wedge}5 - 43) * 2 * 1$	-409943	P	$-(98 / 7 * (6 + 5)^{\wedge}4 - 3) * 2 - 1$
-373433	G	$((-9 - 8 - 7) * (6^{\wedge}5 + 4) + 3) * 2 + 1$	-411217	G	$-9 - 8 * 7 * (6^{\wedge}5 - 432 - 1)$
-375191	P	$-((9 / (8 - 7))^{\wedge}6 - 5^{\wedge}4 + 3) * 2 * 1$	-411272	G	$-9 - 8 * 7 * (6^{\wedge}5 - 432) + 1$
-375850	G	$-9 - 876 * 5 * (4 * 3)^{\wedge}2 - 1$	-411281	G	$-9 - 8 * (7 * (6^{\wedge}5 - 432) + 1)$
-379752	G	$-9 - 8 * (76 / 5^{\wedge} - 4 - 32) + 1$	-411655	G	$98 - (7^{\wedge}6 - 5) * (4 + 3) / 2 + 1$
-379789	G	$-9 + 8 - 7^{\wedge}6 + 5 - 4^{\wedge}(3^{\wedge}2 * 1)$	-413331	G	$(9 - (8 + 7 - 6) * 5 * (4 + 3) + 2 + 1)$
-379799	G	$-9 + 8 - 7^{\wedge}6 - 5 - 4^{\wedge}(3^{\wedge}2 * 1)$	-413407	P	$(-9 - 8) * -(76 * 5 * -4^{\wedge}3 + 2) - 1$
-379805	G	$-9 - 8 - 7^{\wedge}6 + 5 - 4^{\wedge}(3^{\wedge}2 * 1)$	-413649	P	$9 * (8 + 7 * -(6 + (5 + 4)^{\wedge}(3 + 2 - 1)))$
-379815	G	$-9 - 8 - 7^{\wedge}6 - 5 - 4^{\wedge}(3^{\wedge}2 * 1)$	-413750	G	$(-987 - 6) * 5^{\wedge}4 / (3 / 2 * 1)$
-379860	G	$-9 * 8 - 7^{\wedge}6 + 5 - 4^{\wedge}(3^{\wedge}2 * 1)$	-414373	G	$(-9 - 8) * (7 + 6) * 5^{\wedge}4 * 3 + 2 * 1$
-379870	G	$-9 * 8 - 7^{\wedge}6 - 5 - 4^{\wedge}(3^{\wedge}2 * 1)$	-414377	G	$-9 - 87 * 6^{\wedge}5 + 4^{\wedge}(3^{\wedge}2 * 1)$
-379886	G	$-98 - 7^{\wedge}6 + 5 - 4^{\wedge}(3^{\wedge}2 * 1)$	-414596	G	$(-9 - 8) * (7 + 6) * (5^{\wedge}4 * 3 + 2 - 1)$
-379896	G	$-98 - 7^{\wedge}6 - 5 - 4^{\wedge}(3^{\wedge}2 * 1)$	-417265	P	$(-9 - 8) * -(7 - 6 * - (5 - 4^{\wedge}(3 * 2) - 1))$
-380040	G	$-9 - 8 * 76 * 5^{\wedge}4 - 32 + 1$	-418159	P	$987 * -(6 - 5^{\wedge}4 / -3 * 2 + 1)$
-380691	G	$9 * ((-8 + 76) * (-5^{\wedge}4 + 3) - (2 + 1))$	-418393	G	$9 * 8 * (7 - 6^{\wedge}5 / 4) * 3 - 2 + 1$
-381107	P	$-(98 + 7 * (6^{\wedge}5 * (4 + 3) - 2)) + 1$	-418395	G	$9 * 8 * (7 - 6^{\wedge}5 / 4) * 3 - 2 - 1$
-381137	P	$-(98 + 7 * (6^{\wedge}5 * (4 + 3) + 2)) - 1$	-418545	G	$-9 * ((-87 + (6^{\wedge}5 + 4) * 3) * 2 - 1)$
-381592	G	$-9 - 87 * 6 * ((5 + 4)^{\wedge}3 + 2) - 1$	-420411	P	$9 * 8 * -(7 - 6^{\wedge}5 / -4 * 3) - 2 - 1$
-382262	G	$(9 + 8) * (7 - 6 * 5^{\wedge}4 * 3) * (2 * 1)$	-426250	G	$(-98 + 76) / (5^{\wedge}4 - 4 / (32 - 1))$
-382738	P	$(9 + 8) * (7 + 6 * 5^{\wedge}4 * 3) * -(2 * 1)$	-427502	G	$-9 + 8 - 76 * 5^{\wedge}4 * 3^{\wedge}2 - 1$
-383936	P	$-9 - 8 * -(7 - 6 * (5 * 4)^{\wedge}3 + 2) + 1$	-427516	G	$-9 - 8 - 76 * 5^{\wedge}4 * 3^{\wedge}2 + 1$
-384080	G	$-9 - 8 * (7 + 6 * (5^{\wedge}4)^{\wedge}3 + 2) + 1$	-427598	G	$-98 - 76 / 5^{\wedge} - 4 * 3^{\wedge}2 * 1$
-384399	G	$9 * (8 * 7 - 6^{\wedge}5 * (4 + 3 / 2) + 1)$	-427678	G	$(9 - 8 / 7) / (6^{\wedge}5 - 5 / (-4 - 3)) + 2 * 1$
-385673	P	$-(9 * 8 - (7 - 6)) * 5432 - 1$	-427682	G	$(-9 + 8 / 7) / (6^{\wedge}5 - 5 / (4 + 3)) - 2 * 1$
-386108	P	$-(-9 * 87 + 6) - (-5^{\wedge}4 + 3)^{\wedge}2 - 1$	-433048	G	$(9 - (8 - 76)) * (5^{\wedge}4 * -3^{\wedge}2 + 1)$
-386205	P	$-(-98 * 7 + 6) - (-5^{\wedge}4 + 3)^{\wedge}2 - 1$	-433905	G	$-9 - 8 * (7 * (6^{\wedge}5 + 4 - 32) + 1)$

-434282	P	$(-(-(-98-7)+6)+5) \cdot (4^{(3 \cdot 2)+1})$	-472998	P	$-(9-8)+7^6 \cdot (-5-(-4-3))^{(-2+1)}$
-434984	G	$-9-8^*(7^*(6^5-4)-32)+1$	-473522	G	$-9-8^*(7^6+5+4)^3/2-1$
-434986	G	$-9-8^*(7^*(6^5-4)-32)-1$	-474585	G	$(9-87)^{(-6+5+4)-32-1}$
-435282	G	$-9-8^*(7^*(6^5-4)+3+2)-1$	-476296	G	$-9-8^*(76-5/4^3)^2+1$
-435546	G	$-9-8^*(7^*6^5+4+3^2)-1$	-479242	G	$-9+(-87-6^5)^*4^{(3^2)}-1$
-435874	G	$-9-8^*(7^*(6^5+4+3)+2)-1$	-481694	P	$-(9+8)+(7-6^5)^*(4^3-2)+1$
-436161	G	$-9-8^*(7^*6^5+4+3^2+1)$	-482209	G	$-9-87-6^5*(4^3-2)-1$
-436586	P	$-9-8^*7^*(6^5-4^*(3+2))-1$	-482218	G	$-98-7-6^5*(4^3-2)-1$
-437041	G	$-9-8^*(7^*((6^5-4)+32)+1)$	-482562	P	$-(9+8)-(7+6^5)^*(4^3-2)+1$
-437770	G	$-9-8^*7^6 \cdot 5^*(4^3)^2-1$	-482947	G	$98^*7^*(6-5)^*4^3-2-1$
-437881	G	$-9-8^*(-7^*(-6^5-43)+2-1)$	-484193	P	$-(9+8)+7^*(65^4+3)^2+1$
-438041	G	$-9-8^*7^*(6^5-(-43-2-1))$	-485215	P	$-(9/(8-7))^{6+(5^4)}+2+1$
-438360	G	$(-9+87)^*(6-5^4/3^2-1)$	-485719	G	$9^*(8-7^6)^5+4^{(3^2)}+1$
-438587	G	$9-8^*(7^6-(5^4)^3)/(2^*1)$	-488409	P	$(9+8-7)^*(6+5^4)^2+1$
-438605	G	$-9-8^*(7^6-(5^4)^3)/(2^*1)$	-488949	G	$-9+87^*(6-5^4/3^2-1)$
-440000	P	$-(9+(87-6)^*5432)+1$	-489638	P	$-9^*(8+7^*(-6^5+4-(-3^2-2-1)))$
-441507	G	$(9+8^7 \cdot 6)/((-54-3)/2)-1$	-489712	G	$(-9^*(8+7^*(6^5-4))-3-2)+1$
-442026	G	$-9-8^*7^6 \cdot ((5+4)^3-2)-1$	-490216	G	$-9^*(8+7^6 \cdot 5)-4^{(3+2-1)}$
-443822	G	$(9^*8+7)^*(6-5^4/3^2-1)$	-491616	G	$(-9-87)^*(6+5^*(4^3+2-1))$
-443980	G	$(9^*8+7)^*(6-5^4/3^2-1)$	-492048	G	$-9^*((8+7))^{6+5^4-4^3-2-1}$
-444383	G	$(9876^5-4)^*-3^2+1$	-492865	P	$-9-8^*7^*(6^5+4^4-(-3-2)+1)$
-444770	P	$(9^*8+7)^*(6-5^4/3^2-1)$	-495937	P	$9^*8^*7^*6^*-54^3+2-1$
-445472	P	$(-98+7)^*6^5+4^4-(-3^2)^*1$	-497512	G	$-9+8^*(7-6^5+4^3)+3^2+1$
-446464	P	$(9^*8+7+6^5)^*(4^3)^2+1$	-498072	G	$(9-8^*(7+6^5)-4)^*(3^2-1)$
-446473	G	$-9+(8^*(-7-6)-5)^*(4^3)^2+1$	-502849	G	$9^*(-8-76^5)^*(4^3)^2-1$
-446582	G	$-9+(8^*(-7-6)-5)^*(4^3)^2+1$	-504550	P	$-(9+8+7^6)-(5^4-3)^2+1$
-448234	G	$-9-8^*7^*(6+(5^4)^3-2)-1$	-505527	G	$(-9-8^*7)^*6^5-43^2-1$
-448458	G	$-9-8^*7^*(6+(5^4)^3+2)-1$	-505531	P	$-(9+((-87+6^5)^3)^2)-1$
-450240	P	$9-8^*(-7^*6^5-43^2)-1$	-510960	P	$-((9^*(8-7))^{6-5^4})^{(3^2)}+1$
-451297	G	$(-9-(-8-(-7-6)))^5 \cdot (4^3)^2-1$	-512508	G	$-9^*8-7^*(6+5)^4 \cdot (3+2)-1$
-453994	P	$-(9+8)-(7+(65-4)^3)^2-1$	-512770	P	$-(9+8)+(7-6^5)^*(4^3+2)+1$
-456945	P	$-9-8^*(7-65)^4+32-1$	-513313	G	$-9-87-6^5 \cdot (4^3+2)-1$
-457007	P	$-(98-7-65)^4-32+1$	-513322	G	$-98-7-6^5 \cdot (4^3+2)-1$
-458830	G	$-9+8-7^*(6+5+4^3)^2-1$	-513694	P	$-(9+8)-(7+6^5)^*(4^3+2)+1$
-458880	G	$(9+8)^*(7-(6^5)^4-(3-2))^2+1$	-514434	P	$9^*87^*(65+3)-2-1$
-458979	G	$-9-8^*(7-6^5-4^4-(3^2-1))$	-514569	P	$(-9^*(8^*-7+6)+5)^*(-4^3+2)+1$
-459638	G	$9-8^*-7^*(6^5-432)+1$	-515442	P	$-(9/(8-7))^{6+(5^4)^3}+2-1$
-459665	G	$-9-8^*(7^*(6^5+432)+1)$	-516788	G	$(-98+7)^*(6-5^4)^3+2+1$
-459685	P	$-(98-7^*6+5^4-3)^2-1$	-518319	P	$(9^*8+7)^*(-(6-5)+4)^3+2-1$
-459713	G	$-9-8^*7^*(6^5+432+1)$	-520490	G	$(9+8-7^6)^*(6-5+4)^3(3-1)$
-460348	G	$(9^*(-8^7+6)+5)/(43-2)+1$	-522195	P	$-((9^*(8-7))^{6-5^4})^{(3^2)}+1$
-461467	P	$(98^*76-5)^*(4^3-2)-1$	-522196	P	$-((9^*(8-7))^{6-5^4})^{(3^2)}+1$
-462145	G	$-9-8^*(7-6^5+4^4)^3+2-1$	-522320	G	$-9-(8^7-6^5)/4+32+1$
-462260	G	$-9-8^*(7-6^5)^*5^4+3^2-1$	-522363	P	$-(9-(-8^7+6^5)/4)^3+2-1$
-462337	P	$-(9-8)+7^*(6-5^4+3)^2+1$	-522384	G	$-9-(8^7-6^5)/4-32+1$
-462353	P	$-(9+8)+7^*(6-5^4+3)^2+1$	-522617	G	$-9-8^*(7^6+5+4^3)^2-1$
-462400	P	$(98^*7-6)^4-(5-(4+3))^2-1$	-523442	P	$-(9/(8-7))^{6+(5^4)^3}+2+1$
-463779	P	$-(9+8)-(-76^5+5+4+3)^2-1$	-523444	P	$-(9/(8-7))^{6+(5^4)^3}+2-1$
-465000	G	$(9+8+76)^*5^4+3^2-1$	-524366	G	$9-(8^7(7-6+5)+43)^2-1$
-465123	G	$-9^*((8^*7+6)^*(5-4/3))^2+1$	-526251	P	$-(9-(-8^7-6^5)/4)^3+2-1$
-465125	G	$-9^*((8^*7+6)^*(5-4/3))^2-1$	-526272	P	$-9+(-8^7-6^5)/4-32+1$
-465466	P	$-(9-8)-7^*65^*(4^3+2)-1$	-526316	P	$-(9/(8-7))^{6-5^4}(-4^3+2)-1$
-467690	G	$-9-8^*(7^6-(5+4)^3)/2-1$	-526836	G	$9+(8^*7)^{(-6+5+4)^3}+2+1$
-468117	G	$-9-8^*(7^6-5^4+3)/(2^*1)$	-526838	G	$9+(8^*7)^{(-6+5+4)^3}+2-1$
-468306	P	$-(9+8)+(7-(6+5)^4)^3+2-1$	-526840	G	$9-((8^*7)^{(-6+5+4)^3}+2)-1$
-468690	G	$-9+87-6^*(5^4(4+3)+2+1)$	-526842	G	$9-((8^*7)^{(-6+5+4)^3}+2)-1$
-468792	G	$9-8^*(7^6-(5+4)^3)^2-1$	-526854	G	$-9-(8^*7)^{(-6+5+4)^3}+2+1$
-469454	G	$-98^*7-6^*(5^4(4+3)+2+1)$	-526856	G	$-9-(8^*7)^{(-6+5+4)^3}+2-1$
-469738	G	$-987-6^5(4+3)^2+1$	-526858	G	$-9-((8^*7)^{(-6+5+4)^3}+2)+1$
-469740	G	$-987-6^5(4+3)^2-1$	-527049	P	$-9^*(8+(7^6-5^4)/(2^*1))$
-469750	G	$-987-6^*(5^4(4+3)+2)-1$	-527842	P	$-(9/(8-7))^{6+(5^4)^3}+2-1$
-470697	G	$-9-8^*(7^6+5^4+3)/(2^*1)$	-527959	P	$-((9^*(8-7))^{6+(5-4)^3})^2+1$
-470757	G	$-9-8^*(7^6-(5-43))/(2^*1)$	-528381	P	$9^*(8+(7^6-5^4)^3)/(2^*1)$
-470833	P	$-((9^*8-(-7^6+5))^4-32)-1$	-529136	P	$-((9/(8-7))^{6-(5+4)^3})^2+1$
-470861	P	$((-9^*8+7^6)+5)^4+3^2(2-1)$	-529327	G	$9^*(8-(7^6-5)^4(4-3)/2)-1$
-470919	G	$-9-(8^*7^6+5^4+3)/(2^*1)$	-529569	P	$9^*(-((8+7^6-5^4-3)/2+1))$
-471867	G	$9-8^*(7^6+5^4+3)/(2^*1)$	-530215	P	$-(9/(8-7))^{6+(5^4)^3}+2+1$
-471885	G	$-9-8^*(7^6+5^4+3)/(2^*1)$	-530316	P	$9^*(8+(7^6+5^4)^3)/(2^*1)$
-472366	P	$(-9-(8-7^6))^*(5+4^4-3-(2-1))$	-530355	P	$-(9/(8-7))^{6+5^4}+2^*1$
-472777	G	$-9-8^*(7^6+543)/(2^*1)$	-530796	P	$-(9/(8-7))^{6-5^4}(-4^3-2)-1$

-530801	P	$-(9/(8-7))^{6-5} \cdot 4 \cdot 32^{*1}$	-550347	G	$-98 \cdot 7 \cdot ((6 \cdot 5 + 4)^{3 \cdot 2 - 1})$
-530802	P	$-(9/(8-7))^{6-5} \cdot 4 \cdot 32^{*2-1}$	-551182	P	$-(9+8) \cdot 7 \cdot (6+54^{3/2})+1$
-530815	P	$-(9/(8-7))^{6-5} \cdot (5^4)+3 \cdot 2^{*1}$	-551263	G	$-98 \cdot 7 \cdot (6+54^{3/2})+1$
-530820	G	$-9 \cdot (8-7+5+4)^{(3+2)-1}$	-551307	P	$9 \cdot 8^* \cdot (7654+3) \cdot 2 \cdot 1$
-530901	P	$-(9/(8-7))^{6+5} \cdot 43 \cdot 2 \cdot 1$	-551446	G	$-98 \cdot (7-6-5^4/-3^{\wedge}-2+1)$
-530955	G	$(-9^{(-8+7+6)+54}) \cdot 3^{\wedge} 2^{*1}$	-551890	G	$-9-876 \cdot (5^4+3+2) \cdot 1$
-531015	P	$-(9 \cdot (8-7))^{6-5} \cdot 432 \cdot 1$	-551922	P	$-(9/(8-7))^{6-5} \cdot 4^{\wedge} (3 \cdot 2) \cdot 1$
-531110	P	$-(9/(8-7))^{6-5} \cdot (4^3+2)+1$	-552050	P	$-(98 \cdot 7+6+54 \cdot 3)^{\wedge} 2 \cdot 1$
-531121	P	$-(9 \cdot (8-7))^{6-5} \cdot 4^3 \cdot (2-1)$	-552764	G	$-9-876 \cdot (5^4+3+2)+1$
-531221	P	$-((-9-8) \cdot (7+6)+(5+4)^{(3 \cdot 2)}) \cdot 1$	-553353	G	$-9-8 \cdot (((7+6) \cdot 5^4+3)^{\wedge} 2 \cdot 1)$
-531308	P	$-(9/(8-7))^{6+5} \cdot 4 \cdot 32^{*1}$	-553985	G	$((-98+7) \cdot 6+5)/4^{\wedge} (-3 \cdot 2) \cdot 1$
-531318	P	$-((9/(8-7))^{6+5} \cdot 4 \cdot 32^{*1}) \cdot 1$	-554525	G	$((-98+7) \cdot 6+5) \cdot (4^{\wedge} (3+2)+1)$
-531324	P	$9^* \cdot ((8+7-6)^5 - (4+3^{\wedge} (2 \cdot 1)))$	-554632	P	$-(9-8) \cdot 7^{\wedge} (6-(5-4)) \cdot (32+1)$
-531492	P	$((9 \cdot (8-7))^{6+5} \cdot 4 \cdot 32^{*1}) \cdot (2-1)$	-554648	P	$-(9+8) \cdot 7^{\wedge} (6-(5-4)) \cdot (32+1)$
-531564	P	$-(9/(8-7))^{6+5} \cdot 4 \cdot 32^{*1}$	-555268	G	$98 \cdot (7^* \cdot 6-5^4/3^{\wedge}-2+1)$
-531574	P	$-((9/(8-7))^{6+5} \cdot 4 \cdot 32^{*1}) \cdot 1$	-557684	P	$-((9 \cdot (8-7))^{6+5} \cdot (54 \cdot 3)^{\wedge} 2) \cdot 1$
-531647	P	$-(9/(8-7))^{6-5} \cdot (43 \cdot 2) \cdot 1$	-558505	P	$-(9 \cdot 8^* \cdot (7-6^{\wedge} 5+4 \cdot 3)+2)+1$
-531661	G	$(-9-8) \cdot (7+6) \cdot (5+4)^{(3 \cdot 2)+1}$	-558796	G	$-98 \cdot (76+5^4 \cdot 3^{\wedge} 2+1)$
-531685	P	$-(9/(8-7))^{6-5} \cdot (4+3)^{\wedge} 2+1$	-559271	G	$9 \cdot 8^* \cdot (7-6^{\wedge} 5+4/3)+2 \cdot 1$
-531687	P	$-(9/(8-7))^{6-5} \cdot (4+3)^{\wedge} 2 \cdot 1$	-559289	G	$9 \cdot (8^* \cdot (7-6^{\wedge} 5+4/3) \cdot 2) \cdot 1$
-531691	P	$-(9/(8-7))^{6+5} \cdot 4/(-3/2-1)$	-559463	G	$9 \cdot 8^* \cdot (7-6^{\wedge} 5-4/3)+2 \cdot 1$
-531750	P	$-(9/(8-7))^{6-5} \cdot (-4^3+2)+1$	-559505	G	$-9 \cdot ((8-76) \cdot (5-4/3))^{\wedge} 2 \cdot 1$
-531761	P	$-(9 \cdot (8-7))^{6-5} \cdot 4^{\wedge} (3 \cdot (2-1))$	-559634	G	$((9+8) \cdot 7-6^{\wedge} (-5+4 \cdot 3))^{\wedge} 2 \cdot 1$
-531771	P	$-(9/(8-7))^{6-5} \cdot (4^3+2) \cdot 1$	-559706	G	$-9-8 \cdot ((7-6 \cdot 5)^{\wedge} 4+3)^{\wedge} 2 \cdot 1$
-531792	G	$9 \cdot (8+(-7^{\wedge} 6-543)/(2 \cdot 1))$	-559768	P	$-(9-(8 \cdot 7-6^{\wedge} (-5-4 \cdot 3-3))^{\wedge} 2) \cdot 1$
-531866	P	$-(9/(8-7))^{6-5} \cdot (43 \cdot 2 \cdot 1)$	-559959	G	$-9 \cdot 8 \cdot (7+6^{\wedge} (-5+4 \cdot 3))^{\wedge} 2 \cdot 1$
-531869	P	$-(9/(8-7))^{6+5} \cdot 432 \cdot 1$	-560030	P	$-(9 \cdot 8+7+6^{\wedge} (-5-4 \cdot 3))^{\wedge} 2 \cdot 1$
-531871	P	$-(9/(8-7))^{6-5} \cdot 43 \cdot 2 \cdot 1$	-560110	G	$((-9-8) \cdot 7-6^{\wedge} (-5+4 \cdot 3))^{\wedge} 2 \cdot 1$
-531936	P	$-9 \cdot (8+(-7^{\wedge} 6-543)/(-2 \cdot 1))$	-561000	P	$-(98 \cdot 7+6+54+3)^{\wedge} 2+1$
-532060	P	$-((9/(8-7))^{6+5} \cdot 4)+3+2+1$	-561002	P	$-(98 \cdot 7+6+54+3)^{\wedge} 2 \cdot 1$
-532068	P	$-((9/(8-7))^{6+5} \cdot 4+3)+2 \cdot 1$	-561243	P	$-(9 \cdot 8^* \cdot (7+6^{\wedge} 5+4 \cdot 3)+2) \cdot 1$
-532076	P	$-(9/(8-7))^{6-5} \cdot (4 \cdot 32 \cdot 1)$	-561845	G	$(-987-6^{\wedge} (-5+4 \cdot 3))^{\wedge} 2+1$
-532081	P	$-(9/(8-7))^{6-5} \cdot 4 \cdot 32^{*1}$	-570009	G	$-9-8 \cdot 76 \cdot 5^4 \cdot 3/2 \cdot 1$
-532082	P	$-(9/(8-7))^{6-5} \cdot 4 \cdot 32 \cdot 1$	-570010	G	$-9-8 \cdot 76 \cdot 5^4 \cdot 3/2 \cdot 1$
-533170	P	$-(9 \cdot (8-7))^{6-5} \cdot 4 \cdot 32 \cdot 1$	-570816	P	$9 \cdot (87^* \cdot (-6-5)+4)^{\wedge} (3 \cdot 2) \cdot 1$
-533602	P	$-(9 \cdot (8-7))^{6-5} \cdot 432 \cdot 1$	-571431	G	$((9+8) \cdot 7-6^{\wedge} (6-5+4)+3)^{\wedge} 2+1$
-533744	P	$-((9/(8-7))^{6+5} \cdot (5+43)^{\wedge} 2)+1$	-571445	G	$((-9-8) \cdot 7^{\wedge} (6-5+4-3))^{\wedge} 2 \cdot 1$
-534374	G	$(9-8 \cdot (7+6)) \cdot 5^4/3^{\wedge}-2+1$	-576024	G	$(-9-8-7) \cdot (6 \cdot (5 \cdot 4)^{3/2}+1)$
-534376	G	$(9-8 \cdot (7+6)) \cdot 5^4/3^{\wedge}-2 \cdot 1$	-577358	G	$(987 \cdot 65-4)^* \cdot 3^{\wedge} 2+1$
-534567	P	$-(9/(8-7))^{6-5} \cdot (4+3 \cdot 2) \cdot 1$	-577666	P	$-((9 \cdot (8-7))^{6+5} \cdot (5 \cdot 43)^{\wedge} 2) \cdot 1$
-535542	P	$-((9/(8-7))^{6+5} \cdot 4^{\wedge} (3 \cdot (2 \cdot 1)))$	-581471	P	$9 \cdot 8^* \cdot (76-(-5 \cdot 4)^{\wedge} 3) \cdot (-2+1)$
-535738	G	$-9-8 \cdot 7 \cdot 6 \cdot (5^{\wedge} (4+3)+2) \cdot 1$	-583440	G	$(9/(8-7) \cdot 6 \cdot 5)^{\wedge} 4 \cdot 3+2+1$
-536872	P	$-(9/(8-7))^{6-5} \cdot 432+1$	-583446	G	$(9/(8-7) \cdot 6 \cdot 5)^{\wedge} 4 \cdot 3 \cdot (2+1)$
-536874	P	$-(9/(8-7))^{6-5} \cdot 432 \cdot 1$	-583658	P	$-((98+7 \cdot 6) \cdot 5+4^{\wedge} (3 \cdot 2)+1)$
-537692	P	$-(9-(8-7)+6)^5 \cdot 4 \cdot (-32-1)$	-584510	P	$-(9 \cdot 8+7 \cdot 6) \cdot 5+4^{\wedge} (3 \cdot 2) \cdot 1$
-537704	P	$-(9-(-8-(7-6))^5+4) \cdot 32+1$	-585031	G	$9 \cdot 8^* \cdot (-7-6) \cdot 5^4 \cdot 32+1$
-537948	P	$(-9-(8-7)-6)^5 \cdot 4 \cdot (32-1)$	-585033	G	$9 \cdot 8^* \cdot (-7-6) \cdot 5^4 \cdot 32 \cdot 1$
-537983	P	$-(9-(-8-(7-6))^5+4) \cdot 32+1$	-585930	G	$-9-8 \cdot (7+(6+5)^{\wedge} 4) \cdot (3+2) \cdot 1$
-538088	G	$-9+(-8-7^{\wedge} (6-(5-4))) \cdot 32+1$	-586312	G	$(9+(8-7 \cdot 6))^5+43^{\wedge} 2 \cdot 1$
-538369	G	$(9+8+7^{\wedge} (6-5+4))^* \cdot 32 \cdot 1$	-586392	G	$(9-8-7 \cdot 6) \cdot 5+43^{\wedge} 2 \cdot 1$
-538756	P	$-(-9 \cdot (87-6) \cdot 5^{\wedge} (4-3))^{\wedge} 2 \cdot 1$	-586397	G	$(-9+8) \cdot 7 \cdot 6 \cdot 5+43^{\wedge} 2 \cdot 1$
-539658	P	$-(9+(87 \cdot 6+5) \cdot 4^{\wedge} (3+2)) \cdot 1$	-586887	G	$(-98-7 \cdot 6) \cdot 5+43^{\wedge} 2 \cdot 1$
-540038	G	$-9+(-8-(7+(6 \cdot 5)^{\wedge} 4/3))^{\wedge} 2+1$	-587137	P	$-(-9-(8-7 \cdot 6))^5+4^{\wedge} (3+2) \cdot 1$
-540691	P	$-(9/(8-7))^{6-5} \cdot (43^{\wedge} 2+1)$	-587452	P	$-((-9 \cdot 8-7 \cdot 6) \cdot 5-432)+1$
-542252	G	$-9-876 \cdot (5^4 \cdot 3 \cdot 2)+1$	-587582	P	$-(9 \cdot 8+7 \cdot 6) \cdot 5+4^{\wedge} (-3 \cdot 2) \cdot 1$
-543130	P	$-9-876 \cdot (-5^{\wedge} 4+3+2) \cdot 1$	-587610	P	$-((-98+7 \cdot 6) \cdot 5+(4 \cdot 3)^{\wedge} 2+1)$
-544144	G	$-9-((-8+76) \cdot ((5 \cdot 4)^{\wedge} 3+2) \cdot 1)$	-587707	G	$(98-7 \cdot 6) \cdot 5+(4+3)^{\wedge} 2 \cdot 1$
-544696	G	$(-9-8) \cdot (7 \cdot (6+5 \cdot 4) \cdot 3)^{\wedge} 2+1$	-588015	G	$(-9-8+7 \cdot 6) \cdot 5+4 \cdot (3 \cdot 2)+1$
-544705	G	$(-98-7) \cdot ((6^{\wedge} 5+4)/3^{\wedge} 2+1)$	-588478	P	$-(9 \cdot 8+7 \cdot 6) \cdot 5+4 \cdot 32 \cdot 1$
-544882	G	$-9-876 \cdot (5^4 \cdot 4 \cdot 3) \cdot 2+1$	-588544	P	$-((9 \cdot 8+7 \cdot 6) \cdot 5-4 \cdot 3) \cdot 2 \cdot 1$
-546634	P	$-9-876 \cdot (-5^{\wedge} 4+3+2) \cdot 1$	-588571	P	$9+8-7 \cdot 6 \cdot (5+(4+3)^{\wedge} (-2+1))$
-546974	G	$-9 \cdot 8 \cdot 7 \cdot (6+(5^{\wedge} (4+3)-2))+1$	-588613	P	$-(9 \cdot 8+7 \cdot 6) \cdot 5-4 \cdot 3 \cdot 2+1$
-546988	G	$-9 \cdot 8 \cdot 7 \cdot (6+5^{\wedge} (4+3))+2 \cdot 1$	-588624	G	$(9 \cdot 8+7 \cdot 6) \cdot 5-4 \cdot (3+2)+1$
-547002	G	$-9 \cdot 8 \cdot 7 \cdot (6+5^{\wedge} (4+3)+2)+1$	-588640	G	$(9 \cdot 8+7 \cdot 6) \cdot 5-4 \cdot 3^{\wedge} 2+1$
-547016	P	$-(98+7 \cdot (6+5^{\wedge} (4+3))+2)+1$	-588642	G	$(9 \cdot 8+7 \cdot 6) \cdot 5-4 \cdot 3^{\wedge} 2 \cdot 1$
-547441	P	$-(9/(8-7))^{6-5} \cdot (5 \cdot 4)^3 \cdot 2^{*1}$	-588659	G	$9+8-7 \cdot 6 \cdot 5-432+1$
-547442	P	$-(9/(8-7))^{6-5} \cdot (5 \cdot 4)^3 \cdot 2 \cdot 1$	-588678	G	$(-9+8) \cdot 7 \cdot 6 \cdot 5-432 \cdot 1$
-548386	G	$-9-876 \cdot ((5^{\wedge} 4+3) \cdot 2) \cdot 1$	-589198	G	$9 \cdot 8-7 \cdot 6 \cdot 5-4^{\wedge} (3+2) \cdot 1$
-548865	P	$(-9+87 \cdot 6) \cdot 5/4^{\wedge} (-3 \cdot 2) \cdot 1$	-590076	G	$9+8-7 \cdot 6 \cdot 5-43^{\wedge} 2+1$
-550280	P	$-9+(-8+7 \cdot (-6 \cdot 5+4)^3) \cdot 2+1$	-590095	G	$(-9+8) \cdot 7 \cdot 6 \cdot 5-43^{\wedge} 2 \cdot 1$

-590111	G	$-9^*((8+7+6-5)^4+32)+1$	-636929	P	$(-(9+8*76)-5)/4^(-3-2)-1$
-590362	P	$(9^(-(-8-7)+6)*5-4^3)^*(-(2*1))$	-638874	P	$-9+(-8-7)^*-(((6-5)^4)^3/2+1)$
-590503	P	$(9^(-(-8-7)+6)*5+4+3)^*-2+1$	-641251	G	$(9^*-8-7*6)/5^-4*3^2-1$
-590505	P	$(9^(-(-8-7)+6)*5+4+3)^*-2-1$	-643126	G	$98*7/6*5^4*3^2-1$
-590618	P	$(9^(-(-8-7)+6)*5+4^3)^*(-(2*1))$	-649027	P	$-((9-8+7)^6)-(((5^4)-3)^2)+1$
-592728	G	$-9-8*((7*6/(5-4))^3+2)+1$	-651248	G	$-9*(8*7*(6+5/-4)+3)^2+1$
-596312	P	$-(9+8)-7*((6+5)^4)^3+2-1$	-651250	G	$-9*(8*7*(6+5/-4)+3)^2-1$
-600625	P	$-9+8*(-(-7*6*5-4^3)^2-1)$	-652502	G	$-9-(87*6*5^4-3)^2+1$
-605617	P	$-(9+8-7)^6+(5^4+3)^2-1$	-652504	G	$-9-(87*6*5^4-3)^2-1$
-607378	G	$-9-8/7*(6+(5+4)^(3*2))-1$	-652511	G	$(-9-87*6*5^4+3)^2+1$
-607921	G	$-9*8-7*((5*4)^3-2)-1$	-652514	G	$-9-(87*6*5^4+3)^2+1$
-607945	G	$-98-76*((5*4)^3-2)+1$	-653295	G	$-98-7*(6^5*4^3+2)+1$
-607984	G	$9+8-76/(5^4)^-3-(2-1)$	-656097	P	$-(9^*(-8-7)^6)^(-(-5-4)+3)+2+1$
-608014	P	$-(9+8+76*(5^4)^3)+2+1$	-656103	P	$-((9^*(-8-7)^6)^(-(-5-4)+3)+2)-1$
-608018	P	$-(9+8+76*(5^4)^3)+2+1$	-656240	P	$-((-9-8)-7*(6^5*(4^3/2)+1))$
-608225	P	$-9*8-76*((5*4)^3-2)-1$	-656258	P	$-((9-8)-7*(6^5*(4^3/2)+1))$
-608294	P	$-(-98-7)-(65*4^3)^2+1$	-656527	P	$-((9-8+7)^6)-((5^4+3)^2)+1$
-608308	P	$-(-98+7)-(65*4^3)^2+1$	-656528	P	$-((9-8-7)^6)-(5^4+3)^2(2*1)$
-608448	G	$9-8*7-(65*4^3)^2-1$	-657050	P	$-(9+8)-(7+(65+4)^3)^2-1$
-610179	P	$(-987+6)^*-(-5^4+3)+2+1$	-658188	G	$-9*(8-(-7-6)/5^-4*3^2-1)$
-610207	G	$(9*8+7)^*-6^5+4^4(3^2)+1$	-658206	G	$-9*(8-(-7-6)/5^-4*3^2+1)$
-610303	G	$((-9-8)^*-7+6^5)^*-4^4(3^2)+1$	-660913	G	$-9+(8*7-6^5*(43^2-1))$
-610945	G	$987*(6-5^4)+3^2-1$	-661051	P	$-(98-7)-6^5*(43^2-1)$
-613121	G	$(-987+6)*5^4+3+2-1$	-662595	P	$-((9-8*76-5^4*43)^2+1)$
-613897	G	$9*8*7-6*(5^4*3)^2-1$	-662597	P	$-((9-8*76-5^4*43)^2-1)$
-614237	P	$-((9*8+7)/6^-5-4^3)+2+1$	-665384	G	$-9-87*(6^5-4^3*32)+1$
-614256	G	$(9*8+7)^*-6^5+(4+3)^2-1$	-667729	G	$(9*8*-7+6^5*43)^*-2-1$
-614266	G	$9*(8+7)-6*(5^4*3)^2-1$	-668277	P	$-((9*8+(-7+6^5)^4*3)^2+1)$
-614418	P	$-(9+8)-7-6*((5^4*3)^2-1)$	-668542	G	$(-9-8)^*-7*(6-5^4*3^2+1)$
-614466	G	$-9*8+7-6*(5^4*3)^2-1$	-668714	G	$-9+(-8-7+6^5*43)^*-2+1$
-614480	G	$-9*8-7-6*(5^4*3)^2-1$	-668776	G	$-9-(8+7+6^5*43)^2-1$
-614884	G	$-9-(8-7*(6+5)^4)^3*2-1$	-668780	G	$(-9-8)^*-7*(6-5^4*3^2-1)$
-614948	G	$-9-(8+7*(6+5)^4*3)^2-1$	-669038	G	$-9-87*(6^5-43*2)+1$
-619562	G	$-9+8*76*(5-4^3(3+2))-1$	-669970	G	$(-9-8)*7*(6-5^4*3^2-1)$
-619585	G	$-9-8*(7*6*(-5+43^2)-1)$	-670036	G	$-9+(-8-7-6^5)*43^2-1$
-620364	P	$-(9*(8+(7+6^5+4)^3)+2)-1$	-670208	G	$(-9-8)*7*(6-5^4*3^2+1)$
-621177	P	$(9*8+7)^*-6^5+43*2+1$	-670303	G	$(9*-87-6^5*43)^2-1$
-621480	G	$-9*(-8*(-7+6^5)+4)^*(-3^2-2-1)$	-671126	G	$-9-87*(6^5-4^3+2)+1$
-621809	G	$-987*(6+((5^4-3)+2))+1$	-672781	G	$-9-87*(6^5-43)-2+1$
-622070	G	$(-9-8+7)^*(6^5/4^3*32-1)$	-672955	G	$-9-87*((6^5-43)+2)-1$
-622648	G	$-9-8*(7+6^5)^*(4^3-2)+1$	-673390	G	$-9-87*(6^5-4^3*2)-1$
-622766	P	$-(987*(6+5^4)-32)-1$	-673738	G	$-9-87*(6^5-4^3/2)-1$
-622789	G	$-987*(6+5^4)+3^2-1$	-674086	G	$-9-87*((6^5+4)-32)-1$
-622952	G	$-9-8*7*6*(5+43^2)+1$	-674693	G	$(98*765-4)^*-3^2+1$
-624119	G	$9-8*(7^6-5^4)/3*(2*1)$	-675998	G	$-9-87*(6^5-4^3/2)+1$
-624137	G	$-9-8*(7^6-5^4)/(3/2*1)$	-676145	G	$(9-87*(6^5-4))+3^2+1$
-624658	P	$-(9-8*((7*6-5^4(4+3))+2))-1$	-676171	G	$-9-87*(6^5-4)+3-2+1$
-625034	G	$-9-8*(7-(6-5^4(4+3))+2)-1$	-676206	G	$-9-87*(6^5-4)-32-1$
-625072	P	$(-(9-8)-7)*(6+5^4(4+3)+2+1)$	-676841	G	$9-87*(6^5+4)+3^2+1$
-625121	G	$-9-8*(7+6+5^4(4+3)+2)-1$	-677042	G	$-9-87*(6^5+4^3/2)+1$
-625130	G	$-9-8*(7+6+5^4(4+3)+2)-1$	-678958	G	$-9-87*((6^5-4)+32)-1$
-625369	G	$-9-8*(7*6+5^4(4+3)+(2+1))$	-679062	G	$-9-8*7^6-5+4^4(3^2*1)$
-627559	G	$9-8*(7^6+5^4)/(3/2*1)$	-679306	G	$-9-87*(6^5+4^3/2)-1$
-627577	G	$-9-8*(7^6+5^4)/3*(2*1)$	-679654	G	$-9-87*(6^5+4+32)-1$
-627722	P	$-(9+(8*76+5)^4*(3+2))-1$	-679992	G	$9+(8-7*6)/(5^4-4/32)-1$
-627887	G	$-9-(8*7^6+5^4)/(3/2*1)$	-680089	G	$-9-87*((6^5+43)-2)-1$
-628334	G	$-9+(8*76+5)^*(-4^4(3+2)-1)$	-680437	G	$-9-87*(6^5+43+2)-1$
-629265	G	$-9+8*(76-54^3/2-1)$	-681914	G	$-9-87*((6^5+4^3)-2)+1$
-629450	G	$9*(8-7-6^5+4)^3*2+1$	-682262	G	$-9-87*(6^5+4^3+2)+1$
-629666	G	$-9*(8+7+(6^5-4)^3*2)+1$	-684002	G	$-9-87*(6^5+43^2)+1$
-630071	G	$-9*8-7*(6^5)^4*3^2-1$	-685071	P	$-(9+8-7)^6+5+4^3*2+1$
-630472	G	$-9-8*(76+54^3/2)+1$	-687656	G	$-9-87*(6^5+4^3*2)+1$
-630730	G	$-9-876*5*(4^3)^2-1$	-688900	P	$-(9-8+765+4^3)^2*1$
-632375	G	$9-8*(7^6-5^4(4+3))^2*1$	-689457	P	$(9+(8-7+6)^5)^*(-(43-2)-1)$
-633438	G	$-9+8-(7+6)^5-4^4(3^2*1)$	-690269	G	$-98-7*(6-5/4^-3)^2+1$
-633454	G	$-9-8-(7+6)^5-4^4(3^2*1)$	-695488	G	$-9-(-87*(6+(-5^4)^3)+2)+1$
-633509	G	$-9*8-(7+6)^5-4^4(3^2*1)$	-696532	G	$-9-(87*(6+(5^4)^3)+2)+1$
-633535	G	$-98-(7+6)^5-4^4(3^2*1)$	-697609	G	$-9-8*7*6^5-4^4(3^2*1)$
-633842	P	$-((9/(8-7))^6+(5*4^3)^2)-1$	-698797	P	$987*6*(-(-5+4^3)^2-1)$
-636895	P	$-(9+(87/(6+5)^-4+3)/2)-1$	-702241	P	$-(9-8)-76*-5*(-43^2+1)$

-702243	P	$-(9*8+765+4-3)^2+1$	-749956	P	$-(9-876+(5-4)^3)^2*1$
-702545	G	$-9+8-76*(5/43^2-2-1)$	-750319	P	$-(9+((8-7+6)*5)^4-3)/2)+1$
-702561	G	$-9-(8+76*(5/43^2-2-1))$	-750322	P	$-(9-((-8+7-6)*5)^4-3)/2)+1$
-702822	P	$-9*(8-7*6+5^4(4+3))+2-1$	-755994	P	$9+(-8+7*-(6+54)^3)/2+1$
-703578	P	$9*(-8*7+6-5^4(-4-3))-2+1$	-756012	P	$-9+(-8+7*-(6+54)^3)/2+1$
-703664	P	$9*(-8*7+6+5^4(-4-3))+2+1$	-756325	P	$-(9+(8-7+6)^5*(43+2))-1$
-703680	G	$-9*(8*7+6+5^4(4+3))+2+1$	-756342	G	$9-8*76*(5^4-3)^2+1$
-703686	P	$9*(-8*7-(6+5^4(-4-3)))-2+1$	-756360	G	$-9-8*76*(5^4-3)^2+1$
-703704	P	$(-98+7)*(-6^5+43)-2+1$	-759514	G	$98*(7-6^5)+43^2-1$
-705472	G	$98-(7^6-54)^3*2*1$	-760002	G	$(9-8*(7+6))^*(5^4)^3-(2*1)$
-705498	G	$9*8-(7^6-54)^3*2*1$	-760011	G	$(-9-8*76*5^4+3)^2+1$
-705532	P	$-9+(-8+7^6)+54)^3*2-1$	-760385	P	$-(9-876-5*(4-3))^2-1$
-705553	G	$9+8-(7^6-54)^3*2*1$	-760886	G	$-98*(7+6^5)+43^2-1$
-705617	P	$9*(-8-7^6-54)/-3^2+1$	-761408	P	$-(9-8*(7-6^5)-43)+2-1$
-705628	G	$-9+(-8-7^6+54)^3*2-1$	-762072	P	$-9-(8-7*6^5*(4+3))^2+1$
-705642	G	$-9*(8+(7^6+54)/(-3/2*1))$	-762439	G	$-98*(7+6^5+4+3)^2+1$
-705676	G	$98-(7^6-5^4)^3*2*1$	-762589	G	$98*(7-6^5)+43^2+1$
-705702	G	$9*8-(7^6-5^4)^3*2*1$	-763029	G	$-98*(7+6^5+4-3+2)-1$
-705757	G	$9+8-(7^6-5^4)^3*2*1$	-763657	G	$-9-8*76*(5^4+3)^2*1$
-706047	G	$9*(8-(7^6/5+4+3)+2)-1$	-763921	G	$9*(8-7^6)+543^2-1$
-706074	G	$(9*8-(7^6+54)^3)^2*1$	-764065	G	$-9*(8+7^6)+543^2-1$
-706086	G	$-9*(8+(7^6+5^4)/(3/2*1))$	-766763	P	$(9+87*6)^*(-5-43)^2+1$
-706120	G	$98-(7^6+54)^3*2*1$	-767145	G	$-98*(7+6^5+43+2)-1$
-706201	G	$9+8-(7^6+54)^3*2*1$	-767436	G	$-9*(87-((-6-5)^4)^3)+2+1$
-706290	G	$-9*(8+(7^6+54)/(3/2*1))$	-767945	P	$-9-8*(7-6/(5^4)^3+2+1)$
-707219	P	$(-98+7)*(-6^5+4)+32+1$	-770883	P	$-(9+876+5-4^3)^2+1$
-707244	G	$(-98+7)^*(6^5-4)+3^2-1$	-770885	P	$-(9+876+5-4^3)^2-1$
-707643	G	$((-98+7)^6+5+4-32+1)$	-774400	P	$-(9*8+765+43)^2*1$
-707687	G	$-9*8-7*6^5*(-4-3^2)+1$	-775178	P	$-(9-(8-765)/4^4(-3-2))-1$
-708767	G	$-9-(8+7/((6^5)^4-4*(3^2-1)))$	-776160	G	$(9-87-6)^5*(43^2-1)$
-708964	P	$-(98*7-6+54^3)^2*1$	-779689	G	$98*(7*6-(5^4)^3+2)-1$
-709572	P	$9*(8-(7^6+5^4)/(-3/2*1))$	-783087	G	$9-8*(7^6+5^4(4+3))/(2*1)$
-709716	G	$-9*(8+(7^6+5^4)/(3/2*1))$	-783105	G	$-9-8*(7^6+5^4(4+3))/(2*1)$
-710011	P	$98*7*-(6+5+4^4(-3-2))-1$	-784126	P	$-(9-8)-765*(4^4(3+2)+1)$
-712335	P	$-(9-876+5^4+3)^2+1$	-784142	P	$-(9+8)-765*(4^4(3+2)+1)$
-712337	P	$-(9-876+5^4+3)^2-1$	-784996	P	$-(9+876+5-4)^3^2*1$
-712760	P	$(98*7+6)^*(-5+4^4(3+2)+1)$	-785150	P	$-(9-8)-765*(4^4(3+2)+1)$
-716774	G	$-9-8-7*(-6+(5^4)^3)^2+1$	-786473	P	$-(9-8^4(7-(6-5)))^4)^3-2*1$
-716852	G	$-9-8-7*(6+(5^4)^3)^2-1$	-786474	P	$-(9-8^4(7-(6-5)))^4)^3-2-1$
-717601	P	$(9-8*76)^4(-5-4-3)^2+1$	-786768	P	$-(9+876-5+4+3)^2+1$
-717603	P	$(9-8*76)^4(-5-4-3)^2-1$	-786770	P	$-(9+876-5+4+3)^2-1$
-720079	P	$-(9*8+7)+(6^5)^4*(3^2-2-1)$	-794040	P	$9*(-8+7^6+5)/4^3+2+1$
-720809	P	$-(9+(876+(-5-4)^3)^2)+1$	-795664	P	$-(9+876-5+4^3)^2*1$
-721281	P	$-(9-8)+7*(-6^5+3)^2+1$	-796240	G	$98*(-7-6)/(5^4-4+3)^2+1$
-721297	P	$-(9+8)+7*(-6^5+3)^2+1$	-801025	P	$-(98*7-6+5^4)^2*1$
-722702	G	$((9-8)^7+6)^5*-43-2+1$	-804706	P	$-(98+((7+6)^*(5+4^3))^2)+1$
-722704	G	$((9-8)^7+6)^5*-43-2-1$	-807986	G	$-9+8*(7-6^5)^*(4+3^2)-1$
-729096	P	$-(9+87)-(6^5)^4/(3^2-2+1)$	-809207	P	$-(9*87+(6^5)^4)+3^2+1$
-729105	P	$-(9+87)-(6^5)^4/(3^2-2+1)$	-809219	G	$9*87-(6^5)^4-3+2-1$
-730786	G	$98*(7-6*(5^4-3))^2*1$	-809225	P	$-(9*87+(6^5)^4)-3^2+1$
-732158	G	$-98*(7+6*(5^4-3))^2*1$	-809304	P	$-(98*7+(6^5)^4)+3^2+1$
-733726	G	$98*(7-(6^5+4-3))^2*1$	-809316	G	$98*7-(6^5)^4-3+2-1$
-734902	G	$98*(7-(6^5+4+3))^2*1$	-809322	P	$-(98*7+(6^5)^4)-3^2+1$
-737842	G	$98*(7-6*(5^4+3))^2*1$	-810406	P	$9*87*(-6+5+4^4(-3-2))-1$
-738314	G	$-9+(-8^7+(6^5)^4)^3)^2-1$	-810494	P	$-(9*8*7+(6^5)^4)+3^2+1$
-739214	G	$-98*(7+6*(5^4+3))^2*1$	-810512	P	$-(9*8*7+(6^5)^4)-3^2+1$
-739347	G	$(-9-(8*76)^4(-5-(-4-3)))^2-1$	-810676	G	$-98*7-(6^5)^4+3^2+1$
-742524	P	$-(9+(8+(7+6)^5-43)^2)+1$	-810773	G	$-9*87-(6^5)^4+3^2+1$
-742533	P	$-(9+8+(7+6)^5-43)^2+1$	-810954	G	$-987-(6^5)^4+32+1$
-742709	G	$-98-((7+6)^5+4^3)^2-1$	-811962	P	$(-98-7)*(-6^5+43)+2+1$
-743044	P	$-(98+765-4+3)^2*1$	-812670	P	$(9*87+6)^*(-5+4^4(3+2)+1)$
-744029	G	$-98-7*(6+5/4^4-3)^2+1$	-814330	G	$-9-87*65*(4^3)^2-1$
-746104	G	$(-9-87)^*(6^5-4)+3^2-1$	-815417	P	$-(9+(876-(-5-4)^3)^2)+1$
-746575	P	$(-9-8)^*(-7-(6+5)^4)^3-(2+1)$	-816052	G	$(-98-7)^*(6^5+4)+3^2-1$
-746578	G	$-9-8*(7+6^5+4^3+2)-1$	-816526	P	$-(9-8*7)^*(-6^5+43)-2-1$
-747303	G	$9*(-8*((7+6^5)^4/3+2)+1)$	-818114	G	$-9-8*7*((6+5)^4-32)-1$
-748497	P	$-(9-8)+7*(-6^5+3)^2+1$	-819402	G	$-9-8*7*((6+5)^4-3^2)-1$
-748513	P	$-(9-8)+7*(-6^5+3)^2+1$	-820410	G	$-9-8*7*((6+5)^4+3^2)-1$
-748744	G	$((9-8*76)^5+4+3)^2*1$	-821259	G	$-9-876*5^4*3/2*1$
-748756	G	$((9-8*76)^5+4-3)^2*1$	-821260	G	$-9-876*5^4*3/2-1$

-821698	P	$-9 \cdot 8^7 \cdot 7^* - ((6+5)^4 - 32) - 1$	-910182	G	$(9-87)^* \cdot ((6^5+4)^3 / 2 - 1)$
-822520	P	$9^* \cdot 8^* \cdot (7+6^5) \cdot 4^4 \cdot (3^2 \cdot 2^* 1)$	-911346	P	$-(9+87) - (6^* 5)^4 / (-3^{\wedge} - 2 + 1)$
-823665	P	$(-9-8-7^{\wedge} 6)^* \cdot (5-4^* 3) \cdot 2 - 1$	-911355	P	$-(98+7) - (6^* 5)^4 / (-3^{\wedge} - 2 + 1)$
-823878	P	$-(9+8^* 7)^{\wedge} (-6+5+4)^* 3 \cdot 2 - 1$	-912024	P	$-(987+6+5-43)^{\wedge} 2 + 1$
-824463	P	$-(9+876+5^* 4+3)^{\wedge} 2 + 1$	-912026	P	$-(987+6+5-43)^{\wedge} 2 - 1$
-824465	P	$-(9+876+5^* 4+3)^{\wedge} 2 - 1$	-912250	P	$-(9+876) - 5^* (4^{\wedge} (3+2) + 1)$
-825263	P	$(-9 - (8-7^{\wedge} 6))^* \cdot (5+4^{\wedge} - 3+2) - 1$	-913586	G	$-9 + (-8^{\wedge} 7 + (6^* 5)^4 / 3) / 2 - 1$
-832501	G	$(9^* - 8 - 76) / 5^{\wedge} - 4^* 3^2 - 1$	-913951	G	$(9-87+65)^{\wedge} 4^* - 32 + 1$
-839929	G	$9^* 8 - 7^* 6^* 5^{\wedge} 4^* 32 - 1$	-913953	G	$(9-87+65)^{\wedge} 4^* - 32 - 1$
-839984	G	$9+8-7^* 6^* 5^{\wedge} 4^* 32 - 1$	-913954	P	$-(9 + ((8+7+6+5)^{\wedge} 4 - 3)^* 2) + 1$
-840072	P	$-9+8^* (- (7+6+5)^{\wedge} 4 - 32) + 1$	-920720	G	$-9-8^* 7^{\wedge} 6+5^* 4^{\wedge} (3^* 2) + 1$
-840098	G	$-98-7^* 6 / (5^{\wedge} - 4 / (32^* 1))$	-923920	G	$-9-8^* (7^{\wedge} 6 - 5^* 432) + 1$
-840266	G	$-9 - (8-7^* 6^* - 5^{\wedge} 4)^* 32 - 1$	-924790	P	$9+8^* - (7^{\wedge} (-6 - (-5-4)) - 3)^{\wedge} 2 + 1$
-840857	P	$-(9+8) - 7^* - 65^* (-43^{\wedge} 2 + 1)$	-925202	G	$-9-8^* 7^{\wedge} 6 + (5^* 4)^{\wedge} 3^* 2 - 1$
-841289	P	$-(9-8) - 7^* (65^* 43^{\wedge} 2 - 1)$	-925445	G	$(-9-8)^* (7^* 6^{\wedge} 5 + 4^* 3 / 2) + 1$
-842539	P	$-(9+8-7)^{\wedge} 6 + 5^{\wedge} 4^* 3 \cdot 2 - 1$	-925551	G	$((-9-8)^* (7^* 6^{\wedge} 5 + 4^* 3) - 2) - 1$
-850815	G	$9^* (8-76^* (5^{\wedge} 4 - 3)^* 2 + 1)$	-925810	G	$(-9-8)^* 7^* (6^{\wedge} 5 + 4) + 3^{\wedge} 2 + 1$
-851929	P	$-(9+876+5+43)^{\wedge} 2^* 1$	-927376	G	$-9-8^* (7^{\wedge} 6 - 54^* 32) + 1$
-855117	G	$-9^* (8 + (76^* 5^{\wedge} 4 + 3)^* 2 - 1)$	-930464	P	$-((-9-8)^* 7^* (-6^{\wedge} 5 - 43) + 2) - 1$
-857476	P	$-9 - (876+5-4^{\wedge} 3)^{\wedge} 2^* 1$	-930818	G	$(-9-8)^* 7^* (6^{\wedge} 5 - (-43 - (2+1)))$
-859951	P	$-(9-8) - 7^* 6^* 5^* (4^{\wedge} (3^* 2) - 1)$	-932512	G	$-9-8^* (7^{\wedge} 6 - 543^* 2) + 1$
-859967	P	$-(9+8) - 7^* 6^* 5^* (4^{\wedge} (3^* 2) - 1)$	-934498	P	$9^* - (8 - (7 - 6^* (5+4))^{\wedge} 3 + 2) - 1$
-860000	G	$(-9+8-7^* 6) / (5^{\wedge} - 4 / (32^* 1))$	-936456	G	$-9-8^* (7^{\wedge} 6 - 5^{\wedge} 4 + 32) + 1$
-860154	P	$-(9-8) - 7^* (6^* 5 / 4^{\wedge} (3^* 2) - 1)$	-936858	G	$-9-8^* (7^{\wedge} 6 - 543) - 2 + 1$
-860170	P	$-(9+8) - 7^* (6^* 5 / 4^{\wedge} (3^* 2) - 1)$	-936874	P	$-9-8^* (- (7^{\wedge} 6 + 543) + 2) - 1$
-864097	P	$-(9+87 - (6^* 5^* - 4)^{\wedge} 3 / 2) - 1$	-937085	G	$-9 - (8 - (7 + 6^* 5)^{\wedge} 4 + 3) / - 2 - 1$
-864106	P	$-(98+7 - (6^* 5^* - 4)^{\wedge} 3 / 2) - 1$	-937088	G	$-9 + (8 - ((7^* 6 - 5)^{\wedge} 4 + 3)) / 2 - 1$
-866322	G	$-9 - (8 - 7^* 6 / (5^{\wedge} - 4 / (32+1)))$	-937146	G	$-9 - (-8^* (-7^{\wedge} 6 - 5) - 4^{\wedge} (3^* 2)) - 1$
-870466	P	$-9 + (8^* 7^* - (6^{\wedge} 5 - 4) + 3)^* 2 + 1$	-937447	P	$-(9-8^* 7) - 6^* (5^{\wedge} (4+3)^* 2 - 1)$
-870522	G	$-9-8^* (7^* (6^{\wedge} 5 - 4) + 3)^* 2 - 1$	-937530	P	$-(9+8) - (7+6^* 5^{\wedge} (4+3))^* 2 + 1$
-870728	G	$-9-8^* (7^* 6^{\wedge} 5 - 4^* 3)^* 2 + 1$	-937540	G	$-9 - (8 + 7 + 6^* 5^{\wedge} (4+3))^* 2 - 1$
-871007	P	$-9 - (- (8^* 7^* - 6^{\wedge} 5 - 43)^* 2^* 1)$	-937622	G	$-9 + (8^* - 7 - 6 / 5^{\wedge} (-4 - 3))^* 2 - 1$
-871112	G	$-9-8^* (7^* 6^{\wedge} 5 + 4^* 3)^* 2 + 1$	-937706	P	$-9-8^* (- (7^{\wedge} 6 + 5 + 432) - 1)$
-871374	P	$-9 - (8^* 7^* - (-6^{\wedge} 5 - 4) + 3)^* 2 + 1$	-937786	G	$-9-8^* ((7^{\wedge} 6 + 5) - 432) - 1$
-871649	G	$-9-8^* 7^* ((6^{\wedge} 5 + (4+3))^* 2 - 1)$	-938488	G	$-987 - 6 / 5^{\wedge} (-4 - 3)^* 2 - 1$
-874617	G	$-9 - (8 - 7^* (-6 + 5^{\wedge} (4^* 3 / 2) - 1))$	-938562	G	$-9-8^* (7^{\wedge} 6 - 5^* (4^{\wedge} 3 + 2)) - 1$
-875353	G	$-9-8^* (-7^* (-6 - 5^{\wedge} (4^* 3 / 2) + 1))$	-938722	G	$-9-8^* (7^{\wedge} 6 - 5^* (4^{\wedge} 3 - 2)) - 1$
-877206	P	$-(9-8) + 7^* (- (6^* (-5+4^{\wedge} 3))^{\wedge} 2 + 1)$	-938960	P	$9^* 8^* - (- (7^{\wedge} 6 / (-5+4) + 32) + 1)$
-881290	G	$-9-8^* 765^* (4^* 3)^{\wedge} 2 - 1$	-939912	G	$(9+8)^* (7 + (6-54)^{\wedge} 3 / 2) + 1$
-881400	G	$-9 - (8^{\wedge} 7 - 6^{\wedge} 5^{\wedge} 43) / 2 + 1$	-939927	G	$9-8^* 7^{\wedge} 6 + (5^{\wedge} 4 + 3)^* 2^* 1$
-881729	P	$-(9 + (8^* (7+6)^* (5+4) + 3)^{\wedge} 2) + 1$	-940340	G	$-9-8^* (7^{\wedge} 6 - 5^* 43 / 2) + 1$
-882162	P	$-(9+8^{\wedge} 7) - (6^* 5)^{\wedge} 4^* - 3 / 2 - 1$	-940514	P	$-9-8^* (- (7^{\wedge} 6 + 54 + 32) - 1)$
-882369	G	$((-9+8-7^{\wedge} 6)^* 5 + 4)^* 3 / 2^* 1$	-941890	G	$-9-8^* (7^{\wedge} 6 + 54 + 32) - 1$
-885722	P	$(9^{\wedge} (- (8-7) + 6)^* - 5 + 4)^* 3 + 2 - 1$	-942060	G	$-9-8^* (7^{\wedge} 6 + 5^* 43 / 2) + 1$
-885724	P	$(9^{\wedge} (- (8-7) + 6)^* - 5 + 4)^* 3 - 2 + 1$	-942162	G	$-9-8^* (7^{\wedge} 6 - 5^* 4^* - 3^* 2) - 1$
-885746	P	$-(9^{\wedge} (- (8-7) + 6)^* 5 + 4)^* 3 + 2 - 1$	-942439	G	$9-8^* 7^{\wedge} 6 - (5^{\wedge} 4 + 3)^* 2^* 1$
-885748	P	$-(9^{\wedge} (- (8-7) + 6)^* 5 + 4)^* 3 - 2 + 1$	-943682	G	$-9-8^* (7^{\wedge} 6 + 5^* (4^{\wedge} 3 - 2)) - 1$
-885819	G	$-9 - (8+7)^* (6 + (5+4)^{\wedge} (3+2) - 1)$	-943842	G	$-9-8^* (7^{\wedge} 6 + 5^* (4^{\wedge} 3 + 2)) - 1$
-890947	P	$(9+8^* 76)^* - (5-43)^{\wedge} 2 + 1$	-944244	G	$9^* 8^* 7^* (-6^* 5^{\wedge} 4 + 3) / (2^* 1)$
-891777	G	$-9+876^* (5-4^{\wedge} (3+2) + 1)$	-944618	P	$-9-8^* (- (-7^{\wedge} 6 + 5) + 432) - 1$
-892271	P	$-9 + (- (8+7^* 6)^* - ((54^* 3)^{\wedge} 2 - 1))$	-945010	P	$- (9+8) - 7^* ((6^* 5)^4 / (3^* 2) - 1)$
-892306	G	$-9 - ((-8+7^* 6)^* (54^* 3)^{\wedge} 2 + 1)$	-945014	G	$-9 + (- (8-7^* (6^* 5)^4 / 3) / 2 - 1)$
-892936	G	$-9 + (- (8-7^* 6^* 5)^* 4^{\wedge} (3^* 2) + 1)$	-945105	P	$-98-7^* - ((6^* 5)^4 / (-3^* 2) - 1)$
-896175	G	$9-8^* (7^{\wedge} 6 - 5^{\wedge} 4 / 3^{\wedge} - 2 - 1)$	-945257	P	$-9-8^* (7^{\wedge} 6 - 5) - 4^{\wedge} - (3^* - 2^* 1)$
-896191	G	$9-8^* (7^{\wedge} 6 - 5^{\wedge} 4 / 3^{\wedge} - 2 + 1)$	-945258	G	$-9-8^* (7^{\wedge} 6 - 5) - 4^{\wedge} (3^* 2) - 1$
-896193	G	$-9-8^* (7^{\wedge} 6 - 5^{\wedge} 4 / 3^{\wedge} - 2 - 1)$	-945338	G	$-9 - (- (8^* (-7^{\wedge} 6 - 5) + 4^{\wedge} (3^* 2))) - 1$
-896202	G	$-9-8^* (7^{\wedge} 6 - 5^{\wedge} 4 / 3^{\wedge} - 2) - 1$	-945562	G	$-9-8^* (7^{\wedge} 6 + 543 + 2) - 1$
-896209	G	$-9-8^* (7^{\wedge} 6 - 5^{\wedge} 4 / 3^{\wedge} - 2 + 1)$	-945758	P	$-(987 - 6^* (-54^{\wedge} 3 + 2)) + 1$
-897601	P	$-(- (9+8) + 7)^{\wedge} 6 + (5^* 4^{\wedge} 3)^{\wedge} 2 - 1$	-946456	G	$-9-8^* (7^{\wedge} 6 + 5^{\wedge} 4 + 32) + 1$
-898472	G	$-(9 - (8+7) / 6)^* (5^{\wedge} (4+3) + 2 + 1)$	-949098	P	$((9-87)^{\wedge} - (6 - (5+4)) + 3)^* 2^* 1$
-900073	P	$9^* - (8 - (-7+6-5-4)^{\wedge} (3+2)) - 1$	-949110	P	$((9-87)^{\wedge} - (6 - (5+4)) - 3)^* 2^* 1$
-900079	P	$-(9^* 8+7) + (6^* 5)^{\wedge} 4^* (-3^{\wedge} - 2 - 1)$	-949361	G	$-9-8^* (7^{\wedge} 6 - (5-4^{\wedge} (3+2))) + 1$
-900600	P	$-(98^* 7 + 65^* 4 + 3)^{\wedge} 2 + 1$	-949441	G	$-9-8^* (7^{\wedge} 6 + 5 + 4^{\wedge} (3+2) + 1)$
-900602	P	$-(98^* 7 + 65^* 4 + 3)^{\wedge} 2 - 1$	-949888	G	$-9-8^* (7^{\wedge} 6 + 543^* 2) + 1$
-907192	P	$-(- (9+8) - 7^* ((6^* 5^* 4^* 3)^{\wedge} 2 - 1))$	-951696	G	$(-9^* 8+7)^* (6+5)^{\wedge} 4 - 32 + 1$
-907210	P	$-(9+8) - 7^* ((6^* 5^* 4^* 3)^{\wedge} 2 - 1)$	-951698	G	$(-9^* 8+7)^* (6+5)^{\wedge} 4 - 32 - 1$
-907218	P	$-(9+8) - 7^* (6^* 5^* 4^* 3)^{\wedge} 2 - 1$	-953776	P	$-(- (9+8) + 7)^{\wedge} 6 + (5^* 43)^{\wedge} 2 - 1$
-908209	G	$-(9-8)^* 7^* (6^{\wedge} 5 - (4^* 3)^{\wedge} 2) - 1$	-954775	G	$-9^* (8 + (7+6)^{\wedge} 5) / (4+3)^* 2 - 1$
-908392	P	$-9-8^* - (-7^{\wedge} 6 + 5 + 4^{\wedge} (3^* 2)) + 1$	-955024	G	$-9-8^* (7^{\wedge} 6 + 54^* 32) + 1$
-908472	G	$-9-8^* (7^{\wedge} 6 + 5 - 4^{\wedge} (3^* 2)) + 1$	-956368	G	$9^* (8-7^{\wedge} 6) + (5^* 4^{\wedge} 3)^{\wedge} 2 + 1$

-957202	G	$-9-8*7^6-(5*4)^3*2-1$	-999275	P	$-(-9-8+7)^6-5*(-(4*3)^2-1)$
-958480	G	$-9-8*(7^6+5*432)+1$	-999366	P	$-(-9-8+7)^6+5^4+3^2*1$
-959922	G	$-9+87-6*(5*4)^(3+2-1)$	-999378	P	$((9+8-7)^6-5^4+3)*-(2-1)$
-959953	G	$-9+8*(7-6/(5^4-4/32))*1$	-999384	G	$-9-(8+7)*65*(4^(3+2)+1)$
-960008	G	$-9+8-7-6*(5*4)^(3+2-1)$	-999470	P	$-(9+8-7)^6+(5*4+3)^2+1$
-960048	G	$9-8*(7+6/(5^4-4/32))-1$	-999575	P	$-(-(9+8)+7)^6-5*(-43*2+1)$
-960091	G	$-98+7-6*(5*4)^(3+2-1)$	-999671	P	$-(9+8-7)^6-5*(-4^3+2)-1$
-960849	G	$(9-87*6)*(5^4*3-(2*1))$	-999690	P	$-(9+8-7)^6-5*(-4^3+2)*1$
-960954	G	$((-9-8)*7^6+5^4(4+3))/(2*1)$	-999691	P	$-(9+8-7)^6-5*(-4^3+2)-1$
-960999	G	$9*(-8+7/6)*(5^4(4*3/2)+1)$	-999721	P	$-(-9*(8-7^6)-(5+4)^(3+2))-1$
-961680	G	$-9-8*7^6-5*4^4(3*2)+1$	-999729	P	$-(9+8-7)^6-54*(-3-2)+1$
-961873	G	$(9-87*6)*5^4*3+2*1$	-999754	P	$-(9+8-7)^6+5*(4+3)^2+1$
-961877	G	$(9-87*6)*5^4*3-2*1$	-999755	P	$-(9+8-7)^6+5*(4+3)^2*1$
-962901	G	$(9-87*6)*(5^4*3+2)*1$	-999770	P	$-(-(9+8)+7)^6-5*(-(43+2)-1)$
-963357	P	$-(9-8)+(7-6^5)*4*(32-1)$	-999774	P	$-(9+8-7)^6-5*(-43-2)+1$
-963414	G	$(9-87*6)*(5^4*3+2+1)$	-999815	P	$-(9+8-7)^6-5*(-4^3+2)-1$
-964658	G	$(98/-7-6^5*4)*(32-1)$	-999820	P	$-(9+8-7)^6+5*4*3^2*1$
-965969	G	$-9+(8*-7-6^5*4)*(32-1)$	-999855	P	$-(9+8-7)^6-5*(4-32-1)$
-966642	G	$(9-87-6^5*4)*(32-1)$	-999897	P	$-(9+8-7)^6-(-54+3)*2+1$
-966641	P	$-(9+8^7)-6^5*(-(4*3)^2-1)$	-999898	P	$-(9+8-7)^6-(-54+3)*2*1$
-972195	G	$987*(-6*(5^4*3+2)-1)$	-1000035	P	$((9+8-7)^6+5*(4+3))/-(2-1)$
-973757	P	$-(-(9+8)+7)^6+(5^4*3)^2-1$	-1000051	P	$-(9+8-7)^6-5*4-32+1$
-973928	P	$-9-8*(-(-7^6+5-4^4(3^2))+1)$	-1000081	P	$-(9+8-7)^6-54*3/2*1$
-974008	G	$-9-8*(7^6+5+4^4(3^2))+1$	-1000085	P	$-(9+8-7)^6+54+32+1$
-974166	G	$-987^(6-5+4-3)+2+1$	-1000087	P	$-((9+8-7)^6+54+32)-1$
-978733	G	$9*(87*-6/5^4-4/3+2)-1$	-1000095	P	$-((9+8-7)^6+(5+43)^2)+1$
-978757	G	$-9-87*6*5^4*3+2*1$	-1000113	P	$-(9+8-7)^6+(5+43)^2+1$
-978780	G	$(-9-87*6/5^4-4)^3-(2+1)$	-1000119	P	$-(9+8-7)^6-(5-4^3)^2-1$
-979201	G	$(9*8*7-6^5*4)*32-1$	-1000123	P	$-(-(9+8)+7)^6+5-4*(-(32*1))$
-979520	P	$-(9+8-7)^6-5*(-4^4(3^2)*1)$	-1000133	P	$-((9+8-7)^6+5)-4^3*(2*1)$
-979855	G	$(-9*(8+7*6^5-4)-3)^2-1$	-1000137	P	$-(9+8-7)^6+(-5-4^3)^2+1$
-980001	G	$-9-8*((7+(6+5-4)^3)^2-1)$	-1000145	P	$-((9+8-7)^6+(5+4+3)^2)-1$
-982994	G	$-9+8*(7-6*5/4^4(3*-2))-1$	-1000163	P	$-(9+8-7)^6-54*3-2+1$
-983037	G	$(9-8+7)^6*5/4*-3+2+1$	-1000165	P	$-(9+8-7)^6-54*3-2-1$
-983043	P	$9*(8-7*(-(6/-54-3)^-2+1))$	-1000175	P	$-(-(9+8)+7)^6-5*(4+32-1)$
-984064	P	$-(9*87-6+5^4*3)^2*1$	-1000180	P	$-(-(9+8)+7)^6-5*(4+32*1)$
-984376	G	$-9-8*7*((6+5^4)^3+2)+1$	-1000200	P	$-(9+8-7)^6-5*(43-2-1)$
-985618	P	$-(9+8*((7+6)*(5+4)^3)^2)-1$	-1000204	P	$-(9+8-7)^6-5*(-(43+2)+1)$
-986202	G	$-9-8*(7^6+5^4/3^2)-1$	-1000216	P	$-(9+8-7)^6-5*43-2+1$
-987135	G	$(-9-(8*-7+6)*5)*-4^4(3^2)+1$	-1000218	P	$-(9+8-7)^6-5*43-2-1$
-987474	G	$-9+(87-6^5*(4^3*2-1))$	-1000224	P	$-(9+8-7)^6-5*(-(43-2)+1)$
-987505	G	$-9+(8*7-6^5*(4^3*2-1))$	-1000269	P	$-(9+8-7)^6-54*(-(3-2)+1)$
-987643	G	$-98+(7-6^5*(4^3*2-1))$	-1000317	P	$-(-(9+8)+7)^6-5*4^3+2+1$
-990024	P	$-(987+6-5+4+3)^2+1$	-1000320	P	$((9+8-7)^6+5^4*4^3)*-(2-1)$
-990026	P	$-(987+6-5+4+3)^2-1$	-1000428	P	$-(9+8-7)^6+5-432-1$
-992554	G	$-9+(87-6^5*4)*32-1$	-1000436	P	$-((9+8-7)^6+5+432)+1$
-993861	G	$(987-6^5*4)*(32+1)$	-1000438	P	$-((9+8-7)^6+5+432)-1$
-994856	P	$-(9-(8+7-6^5*4)*32)+1$	-1000518	P	$-(9-8)*(-7^6+5-4^3)/-(2*1)$
-994875	P	$-(9+8-7)^6-5*(-4^4(3+2)-1)$	-1000544	P	$-((9+8-7)^6+543+2)+1$
-995439	G	$-98-(7+6^5*4^3)^2+1$	-1000546	P	$-((9+8-7)^6+543+2)-1$
-995625	G	$-9*8-(7+6^5*4)^3*2-1$	-1000616	P	$-(-(9+8)+7)^6-5^4+3^2*1$
-995627	G	$(-9-87*6)*5^4*3-2*1$	-1000629	P	$-((9+8-7)^6+5^4+3+2)+1$
-995818	G	$-9-(8+7+6^5*4)*32-1$	-1000658	P	$-(9+8-7)^6-5^4-32-1$
-996001	P	$-(9-(-8+7))^6+(5*4)^3/2-1$	-1000715	P	$-(-(9+8)+7)^6-5*((4*3)^2-1)$
-996687	G	$(-9-87*6)*(5^4*3+2)*1$	-1001225	P	$-((9+8-7)^6+(5*(4+3))^2)*1$
-996735	P	$-(9*8+(-7+6^5)*4)^3*2+1$	-1002482	G	$-9+8*(7-(6*(-5+4^3))^2)-1$
-996750	P	$-(9+8-7)^6+(5+4+3)^2+1$	-1002601	P	$-9+8*(-(7+(6*(-5+4^3))^2)-1)$
-996874	P	$-((9+8-7)^6-5^4(4+3-2))+1$	-1004001	P	$-(9-(-8+7))^6-(5^4)^3/2-1$
-996876	P	$-((9+8-7)^6-5^4(4+3-2))-1$	-1004071	P	$(9+8)*-(7+6+(5+4)^(3+2)+1)$
-997398	P	$-(9+8-7)^6+(5+4-3)^2+1$	-1004101	P	$-((9+8-7)^6+5)-4^4(3^2*1)$
-997695	P	$-(9+8-7)^6+(5+4+3)^2+1$	-1004632	G	$(-9-8)*(7^6+543)/(2*1)$
-998145	P	$-(9+8-7)^6+5+4+3^2+1$	-1005120	P	$-(9+8-7)^6-5*4^4(3+2)*1$
-998146	P	$-(9+8-7)^6+5+4+3^2*1$	-1005121	P	$-(9+8-7)^6-5*4^4(3+2)-1$
-998541	P	$-(9+8-7)^6+(5+4)^3*2+1$	-1008017	P	$-(987-6+5^4+3)^2-1$
-998542	P	$-(9+8-7)^6+(5+4)^3*2*1$	-1008153	G	$9*(8-7^6-5^4/3^2-2-1)$
-998555	P	$-(9+8-7)^6+(5+4+3)^2+1$	-1008279	G	$-9*(8+7^6-5^4*3^2-1)$
-999268	P	$-(9+8-7)^6+(5+4)^3+2+1$	-1009240	P	$-(-(9+8)+7)^6-5*(43^2-1)$
-999270	P	$-(9+8-7)^6+(5+4)^3+2-1$	-1009246	P	$-(9+8-7)^6-5/43^2-1$
-999272	P	$-(9+8-7)^6+(5+4)^3-2+1$	-1015615	P	$-(9+8)-(-7+6)*(5^4(4+3)-2)+1$
-999274	P	$-(9+8-7)^6+(5+4)^3-2-1$	-1015643	G	$-9-8-((7+6)*5^4(4+3)+2)+1$

-1015667	P	$-(9+8)-(7+6)*(5^{(4+3)+2})+1$	-1064364	G	$9*(8-7^6-(5^4-3))+2+1$
-1016082	G	$-9-(8+(7*(-6+54)^3)^2)-1$	-1064402	G	$-9+((8-7^6-5^4)/3)^{-2+1}$
-1017279	G	$(98*-7-6^5*4)^3+1$	-1064450	G	$9+8+(-7^6-5^4)^3*2-1$
-1020385	G	$(9*-87-6^5*4)^3-1$	-1064464	G	$(9-8-(7^6+5^4)^3)^2+1$
-1020475	P	$-(9+8-7)^6-5*(4^{(3*2)}-1)$	-1067089	P	$-(9-8*(7^6+5^4)/3)^2*1$
-1020480	P	$-(9+8-7)^6-5*(4^{(3*2)*1})$	-1068015	G	$9*(8-7^6)-5*43^2-1$
-1022950	P	$(-(987+6)-5)*(4^{(3+2)+1})$	-1073296	P	$-((-9*8+76)^5+4*3)^2*1$
-1023546	P	$-(9+8)-(7+6)*(54^3/2+1)$	-1075561	P	$-((9-(8-(7+6)))^5+43)^2+1$
-1024287	G	$(9*8-7-6^5*4)^3(32+1)$	-1078127	P	$-((9+8-7)^6+5^4(4+3))-2*1$
-1026168	G	$((9-8)+7-6^5*4)^3(32+1)$	-1078547	G	$(9-876)^*(5^4-3)^2+1$
-1026245	P	$-((-9+8)+7)^6-(54^3)^2-1$	-1078549	G	$(9-876)^*(5^4-3)^2-1$
-1026696	P	$(-(9+8)+7+6^5*4)^3*(32+1)$	-1079529	P	$-9+((8+7)^6+5^4(4+3)^2)+1$
-1030359	G	$((-9-8)*7-6^5*4)^3(32+1)$	-1083756	G	$((9-876)^5+4-3)^2*1$
-1032255	P	$-(987+6+5^4+3)^2+1$	-1087849	P	$-(((9-8)^7-6)^5+4)/3)^2*1$
-1032257	P	$-(987+6+5^4+3)^2-1$	-1088737	G	$-98-7*6^5*4*(3+2)+1$
-1032668	G	$9*(-8-7^6)+(54^3)^2+1$	-1088951	G	$(9-876)^*(5^4+3)^2+1$
-1033030	G	$(-9-8^7+(6^5*4-3))/2*1$	-1088953	G	$(9-876)^*(5^4+3)^2-1$
-1037559	G	$-9-(8+7)*((65^4+3)^2+1)$	-1093660	P	$-(9-8)+7*((6-5^4(4+3))^2+1)$
-1038289	P	$9*(8-7^6)-5*(4^{(3*2)*1})$	-1093765	G	$-98+7*(6-5^4(4+3))^2-1$
-1042567	G	$(9-(8+7)^6+5)^4/-32+1$	-1093828	P	$-(9-8)-7*((6+5^4(4+3))^2-1)$
-1042569	P	$-9+8*(-(7-6*(-5+4^3))^2+1)$	-1093844	P	$-(9+8)-7*((6+5^4(4+3))^2-1)$
-1042768	G	$9*(8-7^6)+(5^4)^3*2+1$	-1093852	G	$-9-(8+7*(6+5^4(4+3))^2+1)$
-1043402	G	$-9-(8^7-6^5*4/3)/2-1$	-1093860	G	$-9-(8+7*(6+5^4(4+3))^2-1)$
-1044002	P	$-(9*87/6*(5^4)^3+2)*1$	-1093907	G	$-9*8-7*(6+5^4(4+3))^2-1$
-1046226	P	$-((-9+8)+7)^6-(5^4)^2-1$	-1095002	G	$-9-(876*5^4-3)^2+1$
-1046399	G	$-9-(8^7-6*(5+4)^3)/2-1$	-1098506	G	$-9+(8-(76+54)^3)/2-1$
-1047307	G	$(98*(7+6)-5-4^4(3^2+1))$	-1100939	G	$(9+876)^*(5^4-3)^2-2+1$
-1047852	G	$(9*(87-6)-5-4^4(3^2+1))$	-1100941	G	$(9+876)^*(5^4-3)^2-1$
-1048009	G	$-9*(8-76+5)-4^4(3^2+1)$	-1101825	G	$(9+876)*((5^4-3)^2-1)$
-1048269	G	$-9-(8^7-6-5^4-3)/2-1$	-1102347	G	$-98-7*6*(5^4)^2-1$
-1048272	G	$-9+(-8^7+6-(-5^4+3))/2-1$	-1102852	G	$-9+8^7+6-(5^4)^3(3+2)-1$
-1048278	G	$-9+(8^7+6-5^4+3)/-2-1$	-1104601	P	$-(987+65-4+3)^2*1$
-1048379	G	$-9-(8^7-6*(5+4^3))/2-1$	-1109270	G	$-9-(8-7+6)^5*(4^3+2)+1$
-1048698	G	$-9-(8^7-6*(5-4^3))/2+1$	-1109385	G	$9*(8-7^6-5^4/3)^{-2+1}$
-1048793	G	$-9-(8^7+6*(5+4^3))/2-1$	-1109403	G	$9*(8-7^6-5^4/3)^{-2-1}$
-1049341	G	$(-9+8)*765-4^4(3^2+1)$	-1111559	G	$(9+876)^*(5^4-3)^2+1$
-1049446	G	$(-98-76)^5-4^4(3^2+1)$	-1111561	G	$(9+876)^*(5^4+3)^2-1$
-1049517	G	$(-9+8^7-(-6-5^4)^3)/-2+1$	-1111690	P	$-(9-(8*7-6^5)/(4^3)^{-2})-1$
-1049521	G	$-9*(-8-7)*(-6^5+(4/3)^2)-1$	-1111974	P	$-((-9-8)+7)-6^5*((4^3)^2-1)$
-1049617	G	$9*(-8-7)^6+5*(4^3)^2-1$	-1112047	P	$-(9*8+7)-6^5*((4^3)^2-1)$
-1050001	P	$-9-8*(7^6/5^4-(-4+3^2)-1)$	-1112059	P	$-(98-7)-6^5*((4^3)^2-1)$
-1050085	G	$9*((-8-7)^6+5-4^3)^2-1$	-1112073	P	$-(98+7)-6^5*((4^3)^2-1)$
-1050193	G	$(-9*(8+7)^6+5-432-1)$	-1112970	P	$-(9-8)+(-7-6^5)*((4^3)^2-1)$
-1050946	G	$(9*8+7)^6-6*5-4^4(3^2+1)$	-1112986	P	$-(9+8)+(-7-6^5)*((4^3)^2-1)$
-1051661	G	$(-9-8*76)^5-4^4(3^2+1)$	-1113126	G	$(-9-8)*(7-(65-4^4(3^2-1)))$
-1053114	G	$9*(8-7^6-(-5^4-3))+2+1$	-1113337	P	$9*8*7*(-(-6-5)^4+3)^2-1$
-1053200	G	$9+8+(7^6-5^4)^3-3^2-1$	-1113905	G	$9-((8+(7+6)^5+4)^3-2+1)$
-1053482	P	$-(9*(8+7^6)-5432)-1$	-1113923	G	$-9-((8+(7+6)^5+4)^3-2+1)$
-1053541	G	$(-987-6)^5-4^4(3^2+1)$	-1113964	G	$-9*8-((7+6)^5+4)^3-2+1$
-1053770	G	$-9-(8^7+6^5*4/3)/2-1$	-1114082	G	$(-9*8-(7+6)^5+4)^3+2-1$
-1053863	G	$9*(8-(7^6-543-2))+1$	-1114158	P	$(-98+(7+6)^5+4)^3+2+1$
-1054677	P	$-((-9*(8-7^6)+5)+4^4(3^2)+1)$	-1114160	P	$(-98+(7+6)^5+4)^3+2-1$
-1054821	P	$-(9*(8+7^6)+5)+4^4(3^2)+1$	-1114418	G	$(-9-8)*(7+6+5+4^4(3^2-1))$
-1055019	G	$9*(8-7^6+5^4/(3/2^*1))$	-1115319	G	$(-9-8)*(76-(5-4^4(3^2-1)))$
-1055163	G	$-9*(8+7^6+5^4/(-3/2^*1))$	-1115873	P	$-(9+8)-7*6^5*(43/2-1)$
-1056087	P	$-9*(8+7^6+(5^4+3)/(-2^*1))$	-1118752	G	$-9-(8+(-7+6^5)/(4^3)^{-2}-1)$
-1057512	G	$9*(8-7^6)+(5^4+3)^2+1$	-1121847	P	$(-9-8)*(-7*65-4^4(3^2-1))$
-1057513	G	$9*(8-7^6)+(5^4+3)^2*1$	-1121977	P	$9*8*(-(7-(-6^5-4^3)^2)-1)$
-1057895	P	$-(9*(8+7^6)+5-4^4(3+2))-1$	-1126506	P	$-(9-8)+(-7+6^5)*(-4^3)^2-1$
-1059306	G	$-9*(-8+7^6-5^4-4^3)+2+1$	-1126513	P	$(-9+8*7+6^5)/(-4^3)^{-2}-1$
-1059645	G	$-9*(8+7^6)-(5+4)^3-2-1$	-1126522	P	$-(9+8)+(-7+6^5)*(-4^3)^2-1$
-1060013	G	$9*(8-7^6)-(5^4-3)^2*1$	-1127321	P	$-(9+(8^7+6+5^4)/2)-1$
-1060025	G	$9*(8-7^6)-(5^4+3)^2*1$	-1127365	P	$-(9-8)-7*((6+5)^4(4+3-2)+1)$
-1061595	G	$9*(8-(7^6+(5^4+3)/(2^*1)))$	-1127381	P	$-(9+8)-7*((6+5)^4(4+3-2)+1)$
-1062076	G	$(9-876)/(5*(-4-3))^{-2}-1$	-1130753	G	$-9-8*(7*(6+5^4)^3-1)$
-1062519	G	$9*(8-7^6+5^4/(-3/2^*1))$	-1134008	G	$-9+8-7*((6^5)^4/(3+2)+1)$
-1062663	P	$-9*(8+7^6+5^4/(-3/2^*1))$	-1134024	G	$-9-8-7*((6^5)^4/(3+2)+1)$
-1062961	P	$-(987+6-5+43)^2*1$	-1134105	G	$-98-7*((6^5)^4/(3+2)+1)$
-1063013	P	$-(9*(8+7^6)+5)-4^4(3^2)+1$	-1138489	P	$-((-9*8+76)^5-43)^2*1$
-1064134	G	$(-9-8^7-(6^5*4+3))/2*1$	-1140007	G	$-9-8*76*5^4*3+2*1$

-1140017	G	$9^*(8^*76^*-5^4/3-2)+1$	-1248794	G	$-9+8^*(76-5^4(4+3))^*2-1$
-1140025	G	$-9-8^*(76^*5^4*3+2^*1)$	-1249454	G	$-9-(8+(7+6^*5)^4)/3^*2+1$
-1140030	G	$(-9-8^*76/5^4)^*3-(2+1)$	-1251953	P	$-(9+8)^*-7^*6^*5^*(4^*3^*2-1)$
-1140135	G	$9^*(-8^*(76^*5^4/3+2)+1)$	-1254536	G	$-9-8^*(76+5^4/3)^*2+1$
-1140625	P	$(-(9^*8+7)+6)^*5^4(4^*3/2)^*1$	-1259576	G	$9^*(8+7-6^4(-5+4^*3)/2)+1$
-1141357	G	$98^*((7-6^4/5)+4)^*3/2+1$	-1260504	G	$-9^*(87+6^4(-5+4^*3)/2+1)$
-1143082	G	$-9-8^*(7^*(6-5^4*3))^*2-1$	-1261129	P	$-((98-7^*6)^*5^*-4-3)^*2^*1$
-1144347	P	$98^*-(7+(6^4+5)^*3/2)-1$	-1269748	G	$G(9+(8+7-6)^4)^*-43/2-1$
-1146497	G	$-9-8^*-7^*(6-5/4^4(3^*-2)+1)$	-1272402	P	$-(9+8)-((76^*-5+4)^*3)^*2-1$
-1146599	P	$9^*8^*(7+6)^*-(5^*(4+3))^*2+1$	-1272994	P	$-(9+87^*((6+5)^4-3^2))^*-1$
-1151953	P	$(-9-(8+7))^*-(6^*(-5^4)^3+2)-1$	-1274640	P	$-(9-8-(76^*-5+4)^*3)^*2+1$
-1156631	P	$(9^*8+7)^*-(6+5)^4+3^2-1$	-1276421	G	$-9-8^*(-7-6^4)^*(-43/2+1)$
-1156649	P	$(9^*8+7)^*-(6+5)^4-3^2-1$	-1280763	G	$98^*7^*(6-5^4*3+2)-1$
-1156729	P	$-9+(-(-8-7^*6)+5)^4+3)/2-1$	-1281423	G	$-9^*(8^*(7^*6+5)+4/3)^*2+1$
-1157463	G	$-9^*(8^*(76+(5^4)^3+2)-1)$	-1281425	G	$-9^*(8^*(7^*6+5)+4/3)^*2-1$
-1157467	P	$-(9+8-7)^4+6-5^4*3-2-1$	-1282232	G	$98^*(7^*(6-5^4*3)-2+1)$
-1159655	P	$-(9+8^7)+6^*(5^4(4+3)^*2+1)$	-1282401	G	$9^*(8-76/5^4-4^*3+2+1)$
-1170296	P	$-(9-8)-7^*(6^4*5^4/3+2+1)$	-1282410	G	$9^*(8-76/5^4-4^*3+2^*1)$
-1170312	P	$-(9+8)-7^*(6^4*5^4/3+2+1)$	-1282572	G	$9^*(8-76/5^4-4^*3)^*(2-1)$
-1175975	P	$(9^*8)^*-(7+(6^5*4+3)^2-1)$	-1283506	G	$98^*7^*(6-5^4*3-2)^*1$
-1176165	G	$(98-7^4*6^*5+4^4)^*2+1$	-1287153	G	$9-8^7+(6^*5)^4-3^2-1$
-1176166	G	$(98-7^4*6^*5+4^4)^*2^*1$	-1287171	P	$-(9+8^7)+(6^*5)^4-3^2-1$
-1176208	G	$(98-7^4*6^*5+4^4)^*2^*1$	-1297322	P	$-(98^*(7/6+5)+4)^*3^2-1$
-1176218	G	$(9^*8-7^4*6^*5+4^4)^*2^*1$	-1305594	G	$-9-8^*7^*((6^4+5)^4)^*3-2-1$
-1176260	G	$(9^*8-7^4*6^*5+4^4)^*2^*1$	-1305818	P	$-9-8^*7^*(-(-6^4+5)^4)^*3+2-1$
-1176542	G	$(9+8-7^4*6^*5-4^4)^*2^*1$	-1306824	G	$9^*8^*(-7^*(6^4+5)/3+2+1)$
-1176635	P	$-((-9-8-7^4)^*-5-4^*3)^*2+1$	-1306938	G	$-9-8^*7^*((6^4+5)^4)^*3-2-1$
-1176685	P	$-((-9-8-7^4)^*-5+4^*3)^*2-1$	-1307256	G	$9^*8^*(-7^*(6^4+5)/3-2-1)$
-1177081	G	$((9^*8+7^4)^*-5+4^4)^*2+1$	-1308870	G	$(9-(8-7))^4+6^*-5+4^3+2+1$
-1177207	G	$((9^*8+7^4)^*-5+4-3)^*2+1$	-1308872	G	$(9-(8-7))^4+6^*-5+4^3+2-1$
-1179128	P	$-(9+(8+7)/(6^5+4)^4-3^2)+1$	-1309853	G	$-9+876-5^4*4^4(3^2*1)$
-1179999	G	$(9+8-76)^*5^4*3^2+1$	-1310121	G	$-9+8^*76-5^4*4^4(3^2*1)$
-1180973	G	$-9^4(-8+7+6)^*5^4+3^2+1$	-1310207	G	$-9+87^*6-5^4*4^4(3^2*1)$
-1183586	G	$-9+(-8^4-7-(6^*5)^4/3)/2-1$	-1310393	G	$-9+8^*7^*6-5^4*4^4(3^2*1)$
-1183997	G	$(9^*-8-76)^*(5^4)^3+2+1$	-1310528	G	$(9-8+7)^4+6^*-5+4^3+2+1$
-1185000	G	$(9^*8-76)^*6/(5^4-4/(3+2-1))$	-1310661	G	$9+8+7^*6-5^4*4^4(3^2*1)$
-1185888	P	$-(98+(-7-6)^5)^4+3^2+1$	-1310678	P	$(-9+8)^*-7^*6-5^4*4^4(-3^2*1)$
-1185890	P	$-(98+(-7-6)^5)^4+3^2-1$	-1310680	G	$(9-(8-7))^4+6^*-5+4^3+2-1$
-1187593	P	$-(9+8)-76^*(5^4(4^3/2)+1)$	-1310683	G	$(9-(8-7))^4+6^*-5+4+3^2+1$
-1188101	P	$-((-9+87)^*6+5^4-3)^*2-1$	-1310698	G	$98-76-5^4*4^4(3^2*1)$
-1192482	P	$-(9+8+(7^*(6-5^4*3))^*2)-1$	-1310735	G	$9/(-8+7)-6-5^4*4^4(3^2*1)$
-1192584	G	$9-(8+7/((6+5)^4)^-3)^*2-1$	-1310742	G	$-98+76-5^4*4^4(3^2*1)$
-1193088	G	$-9-8+7^4*6-5^4*4^4(3^2*1)$	-1310751	G	$(9-8+7)^4+6^*-5-4^3/2+1$
-1193143	G	$-9-8+7^4*6-5^4*4^4(3^2*1)$	-1310757	G	$(9-8+7)^4+6^*-5-4^3+2-1$
-1193169	G	$-98+7^4*6-5^4*4^4(3^2*1)$	-1310762	P	$(-9+8)^*7^*6-5^4*4^4(-3^2*1)$
-1199766	P	$-(9-8)+7^*(6^*(5-4^4)^3)^*2+1$	-1310791	G	$-9-8^*7-6-5^4*4^4(3^2*1)$
-1199796	P	$-(9+8)-7^*(6^*(5+4^4)^3)^*2+1$	-1310797	G	$-9+8-76-5^4*4^4(3^2*1)$
-1203340	G	$-9-8^*7^4+6-5-4^4(3^2*1)$	-1310804	G	$9-87-6-5^4*4^4(3^2*1)$
-1203350	G	$-9-8^*7^4+6-5-4^4(3^2*1)$	-1310813	G	$-9-8-76-5^4*4^4(3^2*1)$
-1210177	G	$9^*(-8+7^4/((5/4-3)/2))-1$	-1310817	G	$-98+7-6-5^4*4^4(3^2*1)$
-1215768	G	$-9-(8^7+6^4*5^4)/2+1$	-1310822	G	$-9-87-6-5^4*4^4(3^2*1)$
-1216016	P	$-(9+8+76^*(5^4)^3+2)+1$	-1310831	G	$-98-7-6-5^4*4^4(3^2*1)$
-1216022	G	$-98-76^*((5^4)^3+2)-1$	-1310834	G	$-9^*8-7^*6-5^4*4^4(3^2*1)$
-1216026	G	$-9+(-8-76/(5^4)^-3)^*2-1$	-1310860	G	$-98-7^*6-5^4*4^4(3^2*1)$
-1220364	P	$(987-6)^*(5^4-3)^*(2^*1)$	-1310894	G	$-98-76-5^4*4^4(3^2*1)$
-1223236	P	$-(-98-7^*(6+5^4)^3)^*2^*1$	-1311026	P	$9^*(8-7^*6)-5^4*4^4(-3^2*1)$
-1230185	G	$((-9^*(8+7))^4+(-6+5+4)^3)/2+1$	-1311065	G	$-9-8^*7^*6-5^4*4^4(3^2*1)$
-1230187	G	$((-9^*(8+7))^4+(-6+5+4)^3)/2-1$	-1311151	G	$(9-(8-7))^4+6^*-5-4^3+2+1$
-1230188	G	$((9^*(8+7))^4+(-6+5+4)^3)/-2+1$	-1311153	G	$(9-(8-7))^4+6^*-5-4^3-1$
-1230190	G	$((9^*(8+7))^4+(-6+5+4)^3)/-2-1$	-1311218	G	$-9^*8^*7+6-5^4*4^4(3^2*1)$
-1232136	P	$(987-6)^*(5^4+3)^*(2^*1)$	-1311230	G	$-9^*8^*7-6-5^4*4^4(3^2*1)$
-1233748	G	$987^*-6^*5^4/3+2^*1$	-1311251	G	$-9-87^*6-5^4*4^4(3^2*1)$
-1234322	P	$-(9+8+(76^*-5+4)^3)^*2-1$	-1311337	G	$-9-8^*76-5^4*4^4(3^2*1)$
-1235292	P	$(987+6)^*(5^4-3)^*(2^*1)$	-1311400	G	$-98^*7+6-5^4*4^4(3^2*1)$
-1240037	G	$-9-((8+(7+6))^*(5+4)^3+2)-1$	-1311497	G	$-9^*87+6-5^4*4^4(3^2*1)$
-1243226	P	$-((-98^*(7/6+5)+4)^3)^*2-1$	-1311605	G	$-9-876-5^4*4^4(3^2*1)$
-1243888	G	$-9+8^*(7-6^4*5^4)^*(3+2)+1$	-1311713	G	$-987-6-5^4*4^4(3^2*1)$
-1246423	G	$(-9-8)^*(7+6^4+5^4)^3+2-1$	-1311743	G	$(9-8+7)^4+6^*-5-4^4(3+2)+1$
-1247208	P	$(987+6)^*(5^4+3)^*(2^*1)$	-1311745	G	$(9-8+7)^4+6^*-5-4^4(3+2)-1$
-1247707	P	$-(9+8)-(7/(6^4+5^4))^4-2-1$	-1312208	G	$-9+(-8-7^*6)^*(5^4*3)^2+1$

-1312425	G	$-9+(-8-76)*(5^4(4*3/2)-1)$	-1441287	G	$-98*((7^6-5)/4+3)/2-1$
-1313744	G	$-9*8*7*6-5*4^4(3^2*1)$	-1445654	P	$-(-9*(8-7^6)+(5^4-3)^2)-1$
-1314836	G	$-98*7*6-5*4^4(3^2*1)$	-1446720	G	$-9^8+(-7-6)*(-5*4)^{(3+2)+1}$
-1314927	P	$-(9+8-7)^6-54^3*2+1$	-1446734	G	$-9^8+(-7-6)*((-5*4)^{(3+2)+1})$
-1315418	G	$-9*8*7*6-5*4^4(3^2*1)$	-1449467	G	$9*(-8+7-(6+5)^{(4+3-2))+1$
-1316192	G	$-9*8*7*6-5*4^4(3^2*1)$	-1458028	G	$-9*(8+7+(6*5)^4)/(3+2)-1$
-1316642	G	$-98*7*6-5*4^4(3^2*1)$	-1458185	G	$-9+(-8-(76+5))^4*(3^2+1)$
-1318168	G	$-98*7*6-5*4^4(3^2*1)$	-1465529	G	$-9-8*(7^6+5+4^3(3^2-1))$
-1318604	G	$-9*8*7*6-5*4^4(3^2*1)$	-1469501	G	$9*(8-(7*6^5-4)*3-2)+1$
-1320596	G	$-98*7*6-5*4^4(3^2*1)$	-1470123	G	$(9+8+7*6^5)*4-(32-1)$
-1326272	G	$(-9-8)*(7^6-5^4)/3*(2*1)$	-1475163	G	$9*(8*7-6*(5^4+3)/2+1)$
-1328349	G	$((-9-8)*(7+6+5^4(4+3))-2)-1$	-1486849	G	$(-9-8+76^5)*-4^3(3^2)-1$
-1328840	G	$(-9-8)*(7*6+5^4(4+3))-2+1$	-1487916	G	$-9+(-87-6)*((5*4)^3*2-1)$
-1328842	G	$(-9-8)*(7*6+5^4(4+3))-2-1$	-1490840	G	$-9*((8+7)*6^5-43)^2+1$
-1328874	G	$(-9-8)*((7*6+5^4(4+3))+2)-1$	-1490842	G	$-9*((8+7)*6^5-43)^2-1$
-1328890	G	$(-9-8)*(7*6+(5^4(4+3)+2+1))$	-1492666	G	$-9-8*(7+6+5+4^3)*3^2-1$
-1329410	P	$-(9+8*7*6+5^4*3)^2-1$	-1492870	G	$9-8*(7-6^5*4*3)*-2+1$
-1331182	P	$-(-9-8)+(-7-6)*(5/4^3-3)^2+1$	-1493000	P	$-(9+((8+7)*6+54)^3/2)+1$
-1331230	P	$-(9+8)+(-7-6)*(5/4^3-3)^2+1$	-1493058	G	$-9-8*(7-6^5*4*3^2)-1$
-1332323	P	$(98-7)*-(6+5)^4+3^2-1$	-1493096	G	$-9-8*(7+6^5*4^3)*2-1$
-1332341	P	$(98-7)*-(6+5)^4-3^2-1$	-1493336	G	$-9-8*(7+6^5*4^3)*3^2+1$
-1333296	P	$((-9-8)*-(7^6+5)+4)/(3/2*1)$	-1500594	P	$-((9+8+7+6+5)^4-32)-1$
-1333772	G	$((-9-8)*7^6-5^4)/3*(2*1)$	-1500601	P	$-9+((8-7+6)^5)^4+32+1$
-1337417	G	$(-9-8)*(-7-6^5*43/2-1)$	-1500642	P	$-9+((-8+7)+6)^5)^4-3^2+1$
-1341896	P	$-(9+8*7*(6^5-4^3)*2)+1$	-1500665	G	$-9-(((8-7+6)^5)^4+32-1)$
-1343280	P	$-(9+8*7*6+5^4*3)^2+1$	-1500667	G	$-9-(((8-7+6)^5)^4+32+1)$
-1343281	P	$-(9+8*7*6+5^4*3)^2*1$	-1505528	G	$-9*(8-7*(6+5)+3)^2+1$
-1345212	G	$(9^8+7/6^5*4)/-32^2+1$	-1505530	G	$-9*(8-7*(6+5)+3)^2-1$
-1345214	G	$(9^8+7+6^5*4)/-32^2*1$	-1505907	P	$((98/7)^6-(5-4))/-(3+2)*1$
-1345327	G	$(9^8-7+6^5*4)/-32^2*1$	-1512030	P	$-(9+8)-7*((6+54)^3+2)+1$
-1345552	G	$-9-8*7*(6^5-43)*2-1$	-1512059	G	$-9*8-7*((6+54)^3-2)-1$
-1346557	G	$(9^8-7^6(6^5(5-4)+3))/(-2*1)$	-1520017	G	$-9-8-76^5*4^3*2*1$
-1350244	P	$-(98-7*(6+54)^3)^2+1$	-1520018	G	$-9-8-76^5*4^3*2-1$
-1351202	P	$987/-(6^5+4+3)^2-1$	-1520072	G	$9*-8-76^5*4^3*2*1$
-1351728	G	$-9-8*7*((6^5-(4+3))^2-1)$	-1520073	G	$9*-8-76^5*4^3*2-1$
-1352326	P	$-(-9-(87*(6^5+4)-3)^2)-1$	-1520098	G	$-98-76^5*4^3*2*1$
-1352858	G	$-9-8*7*((6^5-4)+3)^2+1$	-1523349	P	$-9+(-8+76^5)*-(4^3(3^2)-1)$
-1353003	G	$(9-8*7*6^5+(4-3))^2+1$	-1523721	P	$-9+(-8+76^5)*4^3(3^2)*1$
-1353706	P	$-(-9+(87*(6^5+4)-3))^2-1$	-1523722	P	$-9+(-8+76^5)*4^3(3^2)-1$
-1354743	G	$9-8*7*6^5*(4-(-3^2-2+1))$	-1523880	G	$-9+(-8-7*6^5)*4(3-2)+1$
-1354761	G	$-9-8*7*6^5*(4-(-3^2-2+1))$	-1524090	P	$-(9-8)+7*(6^5*(4-32)+1)$
-1358858	G	$-9+8^7+6*(6^5*4)^3*2-1$	-1525225	P	$-(98*7+6+543)^2*1$
-1362840	P	$-(9-8*(7+((-6-5)^4)^3)*2)+1$	-1530777	P	$-(-98-7^6)+5)^*(4+3^2)-1$
-1364168	P	$-(9+8*7*(6^5+4^3)^2)+1$	-1535934	G	$-9+(-8-7)*(-6+(5*4^3)^2+1)$
-1366565	P	$-(9^8(8-(7-6))+5)/(4+3)^2-1$	-1537297	P	$(98+7)*-(6+5)^4+3^2-1$
-1371122	G	$-9+8*(7-(6*(5-4^3))^2)-1$	-1537303	G	$(-98-7)*(6+5)^4+3-2+1$
-1371242	P	$-(98*7-(6+5^4)^3)^2-1$	-1537315	G	$(98+7)*-(6+5)^4-3^2-1$
-1373124	P	$(9+8*7)^6-(6-(5+4))^*(3+2)+1$	-1540106	P	$-9-8*(7*6+5)^4*(3^2)-1$
-1378275	P	$-((-98+7)*6+5^4+3)^2+1$	-1545639	G	$-9-(8+7)*((6*5-4)^2+1)$
-1381130	P	$(9+8*7*6)^*(54-3)^2+1$	-1547536	P	$(-9*8+76)*(-5^4+3)^2*1$
-1395774	G	$-9*((-87+6^5*4)^3(3+2)+1)$	-1548312	P	$-(9+8)+7*((6-54)^3*2-1)$
-1400840	G	$-9-8*76*(5+43)^2+1$	-1555832	P	$-(-9-8)-(7*6)^5(5-(4-3))/2-1$
-1411654	G	$9*8-(7^6-5)^4*3+2*1$	-1555836	P	$-(-9+(-8+(7*6)^5(5-(4-3))))/2)-1$
-1411747	G	$98-(7^6+5)^4*3+2+1$	-1555844	P	$-(-9-(-8-(7*6)^5(5-(4-3))))/2)-1$
-1411867	G	$(9+(-8-7^6)*(5+4-3))^2-1$	-1556101	P	$-(9-8)-76^5*5*(-4^3(3^2)+1)$
-1413027	G	$((-98-7^6-5)^4*3-2-1)$	-1556117	P	$-(9+8)-76^5*5*(-4^3(3^2)+1)$
-1413601	G	$-9-8*(7^6+5+4)^{(3+2)+1}$	-1562523	P	$-(9+8+7)-(6^5*4/3)^2+1$
-1413721	P	$-(9-8)+76^5*(-43^2+1)$	-1566111	P	$-(9-8)+7*(-((-6-5)^4*43)^2-1)$
-1413737	P	$-(9+8)+76^5*(-43^2+1)$	-1566119	P	$-(9+8)+7*(-((-6-5)^4*43)^2+1)$
-1415647	P	$-9*(87*6+5^4-(-4-3))^2-1$	-1566127	P	$-(9+8)+7*(-((-6-5)^4*43)^2-1)$
-1423655	G	$(9-87)^6-(6+5+4)^3*2-1$	-1567501	G	$-9+8-76^5*4*(32+1)$
-1423657	G	$(9-87)^6-(6+5+4)^3*2+1$	-1567505	P	$-((-98-7)*6-5^4*3)^2-1$
-1423759	G	$-9-((8+7)^6-5^4)/(3^2-1)$	-1567517	G	$-9-8-76^5*4*(32+1)$
-1428370	G	$-9+8-7^6-5*4^4(3^2*1)$	-1571058	G	$-9-8*(7^6+5+4^3/2)-1$
-1428386	G	$-9-8-7^6-5*4^4(3^2*1)$	-1571660	G	$-9-((-8+7*6)^5(5*43)^2+1)$
-1428441	G	$-9*8-7^6-5*4^4(3^2*1)$	-1572516	P	$-((-9-8)*7+5-43)^2*1$
-1428467	G	$-98-7^6-5*4^4(3^2*1)$	-1572787	G	$((9-8^6(7-6+5))+4)^3*2-1$
-1433412	G	$9*8*((7^6-54^3)/2-1)$	-1572959	G	$-9*8+7-6*(5+4^3(3^2*1))$
-1435204	P	$-((-98-7)*(6+5)-43)^2*1$	-1573580	G	$-98*7-6*(5+4^3(3^2*1))$
-1441285	G	$-98*((7^6-5)/4+3)/2+1$	-1573677	G	$-9*8*7-6*(5+4^3(3^2*1))$

-1574654	G	$-9+(8-(7+6))*(54^3*2+1)$	-1664079	G	$(-9-8)*(7^6+5^4(4+3))/(2*1)$
-1580539	G	$9*(8*-7)^{-6-(-5-4)}+3*2-1$	-1664148	G	$9-8*7-(6*5*43)^2-1$
-1580548	G	$9*(8*-7)^{-6+5+4}-3-2+1$	-1669282	P	$-(9+8+(7*5(5+4*3))^2)-1$
-1580551	G	$9*(8*-7)^{-6-(-5-4)}-3*2-1$	-1670337	G	$-9-(-8^7+6^5/4-3)^2+1$
-1581424	P	$(9+8)*(-7*(-6-5)^4-3)^2+1$	-1671678	G	$(-9-(87+6))*(5+4^3(3*2+1))$
-1582563	P	$-((-98-7)*-6+5^4+3)^2+1$	-1677716	G	$(-9-8^7+6)/5^4+3^2-1$
-1582564	P	$-((-98-7)*-6+5^4+3)^2*1$	-1679006	G	$-9+(8-(7+6*-5)^4)*3*2+1$
-1583946	P	$-(9+8^7)+6^5*(4^3+2)-1$	-1679072	G	$-9+(-8-(7-6*5)^4*3)^2-1$
-1585150	G	$-9/(8^7(7-6-5)/43)+2*1$	-1679102	G	$-9-(8+(7+6*-5)^4)*3*2+1$
-1587618	P	$-(9+8)-7*(-6-54)^3)^2-1$	-1679553	G	$-9*(8-(7-6^5*4*3)^2-1)$
-1588897	P	$-(9+8)-7*((65-4)^3+2)+1$	-1679925	G	$-9-(8+76)*(5^4*32-1)$
-1588926	G	$-(9+8^7)*((65-4)^3-2)-1$	-1681239	G	$(9*(-8*(7+6^5)-4)^3-2)-1$
-1588950	G	$-98-7*((65-4)^3-2)+1$	-1681995	P	$9*8*-(-(-7-6^5)+4)^3-(2+1)$
-1588954	G	$-9*8-7*((65-4)^3+2)-1$	-1683455	G	$(-9-(-8-76)^5)*-4^3(3*2)+1$
-1589256	G	$-9-(-8^7+(6*5^4*3)^2-1)$	-1687269	P	$-(9-8)+7*(-6^5+4)^3(3*2)-1$
-1590121	G	$9*8^7*(-6-5^4)^3(3+2)-1$	-1693450	G	$-9-8*7*6^5*(4-3^2-1)$
-1592505	G	$(-98*(7+6)^5*4-3)^2+1$	-1693665	G	$-9-(-8^7+(6^5/4-3)^2)+1$
-1593087	G	$98*((-7-6)^5*4-3)^2+1$	-1695986	G	$-9-8*7*6*(5+3)^2+1$
-1597696	P	$-(9+8-7*(-65+4)^3)^2*1$	-1702766	G	$9-8^7-6+(-5^4-3)^2-1$
-1600225	P	$-((-9-8)*76-(-5-4)^3)^2*1$	-1702772	P	$-(9+8^7)+6+(5^4+3)^2-1$
-1601593	G	$9+8-((7+6)^3(5+4))^3+2+1$	-1702784	P	$-(9+8^7+6)+(5^4+3)^2-1$
-1601629	G	$-9-8-((7+6)^3(5+4))^3+2-1$	-1709892	G	$9*-8*(76^5*4-3)/2*1$
-1603959	G	$-9-(8+7)*((6*5^4+3)^2+1)$	-1710001	G	$9/8*76*-5^4*32-1$
-1604816	P	$(9+8^7)*(-54-3)^2+1$	-1710108	G	$9*8*(-76^5*4-3)/2*1$
-1605289	P	$-(98/(7^6)*543)^2*1$	-1710272	G	$-9-8^7+6+(5^4-3)^2-1$
-1608282	G	$(-9+87)*6^5(32+1)$	-1714849	G	$-98+(76^5/4)^3*2-1$
-1609218	G	$(9-87)*6^5(32+1)$	-1718751	G	$(-98+76)/5^4(-4-3)-2+1$
-1613459	G	$((9-8+(7+6))^5-4)^3+2-1$	-1723306	G	$-9+8*7*(6-5^4)^3*2-1$
-1615050	P	$-(9+8^7)+6^5*(4^3-2)-1$	-1728986	P	$-(987-(6*5*-4)^3-2)-1$
-1615440	P	$-(98*(7+6)^5(5-4)-3)^2+1$	-1731856	P	$-(987/(6-5)^4/3)^2*1$
-1619860	P	$9*(8+7)+(-6^5)^4+3)^2-1$	-1737123	P	$-9+(8*7*-6+5)^4-3)^2+1$
-1620046	G	$-9+(-8-7-((6^5)^4+3))^2-1$	-1740033	G	$-9-8*(-7*(-6^5*4+32)-1)$
-1620079	P	$-9*8-(-(-7-(6^5)^4)-3)^2+1$	-1740922	G	$-9+(8-7*((6^5-4)^3*2-1))$
-1620089	G	$(9-8*7-(6^5)^4+3)^2-1$	-1740946	P	$-(9+8)-7*(6^5-4)^3*2-1$
-1620105	P	$-(98-(-7-(6^5)^4+3)^2)+1$	-1741194	G	$-9-(8+7*(6^5-4)^3)*2-1$
-1620679	P	$-98*7+(-6^5)^4+3)^2+1$	-1741714	P	$-(9+8)+(7*-6^5+4)^3*2-1$
-1620776	P	$-9*8+(-6^5)^4+3)^2+1$	-1741748	G	$-9-8*7*(6^5*4-3/2)+1$
-1620982	P	$-98+(-6^5)^4+3)^2-1$	-1741762	G	$-9-8*(7*6^5*4-3^2)-1$
-1623891	G	$(9-876)^5(5^4*3-2)^*1$	-1741890	G	$-9-8*(7-6^5*(4-32))-1$
-1624112	G	$-9-876*(5+4^3)^2+1$	-1741906	G	$-9-8*(7*6^5*4+3^2)-1$
-1627359	G	$(9-876)^5(5^4*3+2)^*1$	-1741970	P	$-(9+8)-7*(6^5+4)^3*2-1$
-1635841	P	$-(9-8*(-7+6+5^4*3))^2*1$	-1742737	P	$-(9+8)-7*(6^5+4)^3*2*1$
-1639466	P	$-9-8*-7*(-(6+5)^4+3)^2-1$	-1742791	G	$-9*8-7*(6^5+4)^3*2+1$
-1640100	P	$(-98-7)*(-6-(5^4(4^3/2)+1))^2$	-1742986	G	$-9+(-8-7*(6^5+4)^3)*2-1$
-1640704	G	$9*-8-7*(6^5(4+3)/2+1)$	-1743402	G	$-9-8*(-7-6^5)^4(4-32)-1$
-1640757	G	$-9-876*(5^4*3-2)^*1$	-1745051	P	$-(9+((8*7*6-5)^4-3)^2)-1$
-1640979	P	$-(9+8)-7*(-65+4)^3)^2-1$	-1760402	G	$-9-8*(7^6+5/4^3)^2-1$
-1642498	G	$9*876*-5^4/3+2*1$	-1760937	P	$-(9+((8*7*6-5)^4+3)^2)+1$
-1642502	G	$9*-876*5^4/3-2*1$	-1763504	P	$(9^8-(76-5)^4)/-(3^2+1)$
-1642507	G	$-9-876*5^4*3+2*1$	-1764691	G	$9+(8-7^6*5+4)^3-2+1$
-1642530	P	$-(9+876/5^4-4)^3*2-1$	-1764696	G	$(9+8-7^6*5-4)^3(2-1)$
-1643385	G	$-9-876*(5^4*3+2)-1$	-1764745	G	$-9-((8+7)^3(6+5-4)^3(3*2)+1)$
-1643523	P	$-(9-8+7-6*5^4*3)^2+1$	-1764774	P	$-(9+8+7^6*5-4)^3(2-1)$
-1643525	P	$-(9-8+7-6*5^4*3)^2-1$	-1769010	P	$-(9-87)+6*(543^2+1)$
-1644261	G	$-9-876*(5^4*3+2)^*1$	-1769179	G	$9*-8-7-6*(543^2+1)$
-1646791	G	$(-98*(7^6(6-(5-4))-3)+2)-1$	-1769193	P	$-(98+7)+6*(-543^2+1)$
-1646875	G	$(9*8+7+6)/(5^4-4/(-32+1))$	-1771445	P	$(9^4(-8-7)+6)^3*2+1$
-1647033	G	$-9-8-(7^6-5)^4(4+3)^2*1$	-1771447	P	$(9^4(-8-7)+6)^3*2-1$
-1647173	G	$-9-8-(7^6+5)^4(4+3)^2*1$	-1771493	P	$(9^4(-8-7)+6)^3*2+1$
-1647174	G	$-9-8-(7^6+5)^4(4+3)^2-1$	-1776889	P	$-((-9-(87-65))^4)^3*2*1$
-1647377	P	$-(98*(7^6(6-(5-4))+3)-2)+1$	-1780577	P	$-9+8-7*(-6^5-4^3(3^2*1))$
-1648529	G	$(-98-(7^6+5))^4(4+3)^2-1$	-1784574	P	$(9+8)*(-((7+6+5)^4-(3-2)))+1$
-1651225	P	$-((-98-7-6^5*4)/3)^2*1$	-1784602	G	$-9-((-8+76)^5(5^4*3)^2+1)$
-1657605	G	$(-9-876)^5(5^4*3-2)^*1$	-1784897	P	$-(9+8+(7*-65+4)^3)^2-1$
-1658944	P	$-(9-(-87-6^5*4)/3)^2*1$	-1794049	G	$(-9-8+7*65)^3*4^3(3*2)-1$
-1659372	G	$(-9-876)^5*4^3+2+1$	-1796133	G	$-9+(8-7*6^5-4)^3(32+1)$
-1659378	G	$(-9-876)^5*4^3-2-1$	-1803649	P	$-(98*7+65+4)^3*2*1$
-1661145	G	$(-9-876)^5(5^4*3+2)^*1$	-1819179	G	$(-98-(7+6))^3(5+4^3(3*2+1))$
-1663994	P	$-((-98-7)-6^5*43)^2+1$	-1819545	G	$(98-7)^3(6-5^4*32-1)$
-1664003	P	$-((-9-87)-6^5*43)^2+1$	-1819801	P	$-((-9-8)*76+54+3)^2*1$

-1819805	P	$-(9+8^7)-6*(-(5*43)^2-1)$	-1934424	G	$-9+(8-(7+6))*((-5^4+3)^2-1)$
-1825001	G	$-9-8^7-6^5*(-4^3*2+1)$	-1936676	G	$-98*((7^6-5^4(4+3))/2^*1)$
-1830474	P	$-9+(-8+7*65)*-(4^4(3^2)-1)$	-1941407	G	$9-8-7*6*((5^43)^2-1)$
-1830627	P	$-(9+8)-((7*-65+4)*3)^2-1$	-1941444	P	$-(9-8)-7*(6*(5^43)^2-1)$
-1830920	G	$-9-8^7+65*4^4(3^2)+1$	-1941460	P	$-(9+8)-7*(6*(5^43)^2-1)$
-1833315	P	$-(9-8)-(7*-65+4)*3^2+1$	-1941466	G	$-9-(8-7*-6*(5^43)^2-1)$
-1834815	G	$-9-8-7*(-6*5+4^4(3^2*1))$	-1941509	G	$-9-8-7*6*((5^43)^2+1)$
-1834996	G	$9-8^7(7-6+5)*(4+3)+2+1$	-1941549	G	$-98-7*6*(5^43)^2-1$
-1835047	G	$-9-8^7-6*5+4^4(3^2*1)$	-1948715	G	$9*8*7*(-6^5+43)/2+1$
-1835082	G	$-9-8^7-65+4^4(3^2*1)$	-1953078	G	$(9-8+7)*6-5^4(4+3+2)-1$
-1835464	P	$-(9-8)-7*(65+4^4(3^2*1))$	-1953190	G	$-9-8*7-(6-5+4)^4(3^2*1)$
-1835535	G	$-9+8-7*(65+4^4(3^2*1))$	-1953204	G	$-9*8-7-(6-5+4)^4(3^2*1)$
-1836432	G	$(-987+6)*(5^4*3-(2+1))$	-1953230	G	$-98-7-(6-5+4)^4(3^2*1)$
-1837413	G	$(-987+6)*(5^4*3-2)*1$	-1953251	P	$(-(9+8)*7-6)-5^4(4+3+2)-1$
-1841337	G	$(-987+6)*(5^4*3+2)*1$	-1954112	G	$-987-(6-5+4)^4(3^2*1)$
-1842318	G	$(-987+6)*(5^4*3+2+1)$	-1957510	G	$-9-87*6*5^4*3^2-1$
-1842793	G	$-9-8^7-6^5+4^4(3^2*1)$	-1959233	G	$9*(8-7*6^5)*4-(-32+1)$
-1843969	G	$((-98-7*6)/5)^4*3-2+1$	-1959268	G	$9*(8-7*6^5)*4-(3+2-1)$
-1843971	G	$((-98-7*6)/5)^4*3-2-1$	-1959467	G	$98-7*(6^4(-5+4*3)+2)+1$
-1846799	P	$(-9+87*6)/-(5^4*3)^2-2+1$	-1959469	G	$98-7*(6^4(-5+4*3)+2)-1$
-1847056	P	$-9+(-(8-(7-6*5))^4-3)*2+1$	-1959695	P	$9/8*-7*(6^5+4)*32+1$
-1848202	P	$-(9+8^7-(6^5+4)*32)-1$	-1964409	G	$(9/8-7)*6^5*43+2+1$
-1849601	P	$-(9+8-(7*65+4)*3)^2-1$	-1964413	G	$(9/8-7)*6^5*43-2+1$
-1856542	P	$-98+(-(7+6)^5+4)*3(3+2)+1$	-1968393	G	$-9+(87-6^5)*4^4(3+2-1)$
-1857770	P	$-((-9-8*7*6+5)*4+3)^2-1$	-1971924	G	$-9+(8-(7+6))*((-5^4+3)^2-1)$
-1858896	G	$(-987-6)*(5^4*3-(2+1))$	-1976975	G	$-9-8^7+65*43^2+1$
-1859889	G	$(-987-6)*(5^4*3-2)*1$	-1977041	P	$-(9+8^7)+65*(43^2-1)$
-1859890	G	$(-987-6)*(5^4*3-2)-1$	-1977161	G	$-9-8^7+6/(5^4-4/(32*1))$
-1860000	P	$(-(9+8)-76)/(5^4-4/(32*1))$	-1979553	P	$(-9-8)*7^6-5*-4^4(3^2)*1$
-1860009	G	$-9-(87+6)*5^4*32*1$	-1980242	G	$-9-(8/(7+6))^4-5+4/3^2-1$
-1861874	G	$(-987-6)*5^4*3+2-1$	-1988872	G	$-9-8*(-7+6^5)*4^4(3+2+1)$
-1861876	G	$(-987-6)*5^4*3-2+1$	-1988962	G	$-98+(7-6^5)*4^4(3+2-1)$
-1863242	P	$-(9+8)-7*-65*(-4^4(3^2)+1)$	-1990694	P	$-(9+8*(7+6^5*4^3)/2)-1$
-1863861	G	$(-987-6)*(5^4*3+2)*1$	-1990799	P	$(-9-8)*(-7^6+543)+2+1$
-1864854	G	$(-987-6)*(5^4*3+2+1)$	-1991753	G	$-9-8*(7+(6^5+4)*32+1)$
-1868699	P	$-9+((8*7^6+5)*4+3)^2-1$	-1992456	G	$-9-8*(7+6^5)*4^4(3+2+1)$
-1873431	P	$-(9+8^7)+((-6-5)*43)^2+1$	-1992584	P	$-(9+(-8*(-7-6^5)+4)*32)+1$
-1873687	G	$9-8*(7^6-543)*2*1$	-1993482	P	$-(9+8*(-(-7-6^5)+4)*32)-1$
-1876329	G	$(98-7)*(6-5^4*(32+1))$	-1994451	P	$-(9-8)-76*((54*3)^2-1)$
-1876901	P	$-(9+8-(7*-65+4)*3)^2-1$	-1994469	P	$-(9-8)-76*(5^4*3)^2-1$
-1879640	G	$-9*(8*(7-65)+4+3)^2+1$	-1994914	G	$(-9-8)*7^6+5*4^4(3+2)-1$
-1879642	G	$-9*(8*(7-65)+4+3)^2-1$	-1998100	P	$(-9-8)*(-7^6+5)+43^2-1$
-1880943	P	$-(9-8*-7^6+(-5-4)^3)^2+1$	-1998923	P	$-(9-8)*(-7^6+5)-4^4(3+2)+1$
-1881119	G	$9-(8*7^6-5^4*4-3)*2*1$	-1999082	P	$(-9-8)*(-7^6+54)+32+1$
-1881131	G	$9-(8*7^6-5^4*4+3)*2*1$	-1999107	P	$(-9-8)*(-7^6+54)+3^2-1$
-1881288	G	$9-(8*7^6-543)*2+1$	-1999396	P	$-(98-7*(6/(5-4))^3)^2*1$
-1882257	G	$9-(8*7^6+5-4^3)*2*1$	-1999439	G	$(-9-8)/7^6-6+5^4-(32-1)$
-1882493	G	$9-(8*7^6-5+4^3)*2*1$	-2000145	G	$(-9-8)*(7^6+5)+4-32+1$
-1883461	G	$9-(8*7^6+543)*2*1$	-2000949	G	$(-9-8)*(7^6+54)+3-2+1$
-1883619	G	$9-(8*7^6+5^4*4-3)*2*1$	-2000971	P	$-(9-8)*(-7^6+5)+4^4(3+2)+1$
-1883631	G	$9-(8*7^6+5^4*4+3)*2*1$	-2005657	G	$(-9-8)*7^6-5^4/3^2-1$
-1887479	G	$9*8*7*(6/5^4-4+3+2)+1$	-2005659	G	$(-9-8)*7^6-5^4/3^2-1$
-1887875	G	$-9*(8+7-(6+5)*43)^2+1$	-2010724	P	$-(98*(-7+65)/4+3)^2*1$
-1887877	G	$-9*(8+7-(6+5)*43)^2-1$	-2016161	G	$-9-(8^7-(6^5)^4/(3^2+1))$
-1889515	P	$9*((-(-8-7)*6/5)^4+3)*2-1$	-2017509	G	$(-9-8)*(7^6+5+4^4(3+2)-1)$
-1889606	G	$-9-(8+7+6*5^4*3)*2+1$	-2018425	P	$-(9+8^7)+(6+5^4*3)/2+1$
-1889881	G	$98-7*((6^5)^4/3-2-1)$	-2018431	P	$-(9+8^7)-(6-5^4*3)/2+1$
-1889903	G	$98-7*(6^5)^4/3-2+1$	-2019441	P	$-(9+8^7)+(-6^5+4)*(-3^2-1)$
-1889905	G	$98-7*(6^5)^4/3-2-1$	-2022800	G	$(9/-8-7)*(6^5+4)*32*1$
-1889931	G	$9*8-7*(6^5)^4/3-2-1$	-2027142	G	$-9-(8^7-((6^5+4)/3^2-1))$
-1890625	P	$-(9*(87+65)+4+3)^2*1$	-2027176	P	$-(9+8^7)+6^5*(4+(3+2))+1$
-1891063	G	$9-8*(7^6+543)*2*1$	-2027776	P	$-(98*(-7+65)/4+3)^2*1$
-1895037	G	$-987*6*5^4*3+2+1$	-2028522	G	$(-9-87*(6^5-4))^3-(2+1)$
-1896147	P	$-(9+8)-((7*65+4)*3)^2-1$	-2031276	G	$-9-(8+(7+6)*5^4(4+3))^2-1$
-1896458	G	$-9+(-8-7*65)*4^4(3^2)-1$	-2034921	P	$-(9+8^7)+(6^5+4)*3^2-1$
-1898883	P	$-(9-8+(7*65+4)*3)^2+1$	-2039880	G	$(9+8)*(7-6*5^4*32)+1$
-1912689	P	$-(9-87*(-6+5^4)/3)^2+1$	-2039882	G	$(9+8)*(7-6*5^4*32)-1$
-1912690	P	$-(9-87*(-6+5^4)/3)^2-1$	-2042082	G	$-9-((8+7+6)*5^4+43)/2-1$
-1930317	G	$-9-(8*(7+6^5)+4)*3(3-1)$	-2042726	G	$-9-(8^7-6^5*(4+3))-2-1$
-1932100	P	$-(98-76*(-5^4-3))^2*1$	-2042728	G	$-9-(8^7-6^5*(4+3))-2+1$

-2050624	P	$-(-9*(87+65)-4^3)^2*1$	-2106456	P	$-(9+8^7)-65*((4*3)^2-1)$
-2052116	P	$-(9+8^7)+(-6-5)*(-4^(3*2)+1)$	-2107535	P	$-(9+8^7)-6*(54*32+1)$
-2057498	G	$9876*-5^4/3+2*1$	-2110127	P	$-(9+8^7)-6*(5*432+1)$
-2057502	G	$9876*-5^4/3-2*1$	-2112584	G	$-9-(8^7+6^5-4^3)*2-1$
-2064056	G	$-9*8-7*(6+543^2)+1$	-2112738	P	$-(9+8^7+(6^5+4^3)*2)-1$
-2064082	G	$-98-7*(6+543^2)+1$	-2112800	P	$-(9+8^7+(6^5+43)*2)-1$
-2064760	P	$-(9+8^7)+((-6-54)*3)^2+1$	-2112840	G	$-9-(8^7+(6^5+4^3)*2)-1$
-2066442	P	$-(9+8^7-6*5/4^(-3-2))-1$	-2116863	G	$9*((8-7^6-5+43)^2-1)$
-2070162	P	$-(9+8^7)+(6*5)^(4-3+2)-1$	-2117723	G	$(-9*(8+7^6)+(54-3))^2+1$
-2070721	P	$-(9-8*-(-7-6^5)/43)^2*1$	-2117729	G	$(-9*(8+7^6)+(5+43))^2+1$
-2071240	P	$-(9+8^7)+6^5*(4/3+2)+1$	-2117901	G	$(-9*(8+7^6)+(5-43))^2+1$
-2073832	P	$-(9+8^7)+6^5*(4-(3-2))+1$	-2119083	P	$-(-9*(-8-7^6)+5^4+3)^2-1$
-2074661	G	$-9-8^7+6/(5^4-4/(3+2+1))$	-2120488	P	$-(9+8^7)-6^5*(4-(3-2))+1$
-2076692	G	$-9-8^7-6-5*(-4^(3*2)+1)$	-2123080	P	$-(9+8^7)-6^5*(4/3+2)+1$
-2076823	G	$-9-8^7+(-6-5)*-43^2-1$	-2124809	P	$-(9+8^7)+6^5*4*(3^2-1)$
-2077655	G	$9-8^7+6*((54+3)^2-1)$	-2125673	P	$-(9+8^7)-6^5*(4-3^2-(2-1))$
-2079017	P	$-(9+8^7)+6^5*(4/3+(2-1))$	-2126177	G	$9*(8+7*6/5^4-4*-3^2)+1$
-2079503	G	$9*8*7*(-6*5-4^(3*2))+1$	-2126313	G	$-9*(8-7*6*5^4/-3^2-2-1)$
-2083325	G	$9-8^7+6*((5+43)^2-1)$	-2126321	P	$9*(-8+7*6/5^4-4*3^2)+1$
-2084207	P	$-(9+8^7)+6*(5*432-1)$	-2126436	P	$-9-8^7+(-(-6-5)^4+3)^2+1$
-2085104	P	$-((9-8+7+6*5)^4-32)^*1$	-2129560	G	$-9-8^7-((-6-54)*3)^2+1$
-2085126	P	$-(9-8+7+6*5)^4+3^2+1$	-2130033	P	$-9+8*(-7-6)^*-(-5/4^(3^2-2)-1)$
-2085131	P	$-(9-8+7+6*5)^4+3+2*1$	-2131721	P	$-(9+8^7)-6^5*-4*(-3^2-2-1)$
-2085168	P	$-(9-8+7+6*5)^4-32*1$	-2136040	P	$-(9+8^7)-6^5*(4+3-2)+1$
-2085912	P	$9*8*7*(-65*(-43+2)-1)$	-2140387	P	$-(9+8+(7*(6-5*43))^2)-1$
-2086799	P	$-(9+8^7)+6*(54*32-1)$	-2142228	P	$-(9+8^7)+(-6-5)*(4^(3^2)+1)$
-2087736	P	$-(9+8^7)-65*(-(4*3)^2-1)$	-2150390	P	$9+(-(-8-7)+6)^*(-5/4^(-3)^2+1)$
-2088485	G	$9-8^7+6*((5-43)^2-1)$	-2156399	P	$(-9+8*76)/(-5*4*3)^2-1$
-2088906	G	$-9-(8^7-65*(4^3*2-1))$	-2157961	P	$-(9-8-7*6*5*(4+3))^2*1$
-2089810	G	$-9-(8^7-6*(5*(-4-3))^2-1)$	-2159337	P	$-(9+8^7)-(6^5-4)*(3^2-1)$
-2089840	G	$-9-8^7+((6+5)^4+3)/2-1$	-2159968	G	$-9-8*(-7+(6^5)^4/3+2)+1$
-2089843	P	$-9-8^7-((6+5)^4+3)/2-1$	-2160080	G	$-9-8*(7+(6^5)^4/3+2)+1$
-2091274	G	$-9-8^7+65*3^2+1$	-2163786	G	$-9-8^7-65*(4^(3+2)+1)$
-2091636	P	$-(9+8^7)+65*(43^2-1)$	-2167110	G	$-9-(8^7+((6^5-4)/3^4-2+1))$
-2092042	P	$-(9+8^7+6)+5*(4^(3+2)+1)$	-2167144	P	$-(9+8^7)-6^5*(4+(3+2))+1$
-2092046	G	$-9-8^7-6+5*4^(3+2)+1$	-2167180	G	$-9-(8^7+6^5+4)/3^2-1$
-2092408	P	$-(9+8^7)+(6+5)*432+1$	-2174961	P	$-(9+8^7)+(6^5+4)*(-3^2-1)$
-2092776	P	$-(9+8^7)+6*((5+4)^3+2)-1$	-2175889	P	$-(9+8^7)+(6-54^3)/2+1$
-2092800	P	$-(9+8^7)+6*((5+4)^3-2)-1$	-2175895	P	$-(9+8^7)-(6+54^3)/2+1$
-2093376	G	$9-(8^7-6*(5^4+3))-2+1$	-2176170	G	$-9-8*7*(6^5-4)*(3+2)-1$
-2093586	G	$9-8^7-6*(-5^4+32)-1$	-2178161	G	$-9-(8^7+(6^5)^4/(3^2+1))$
-2094661	G	$-9-8^7+6*5^4/(3/2*1)$	-2184911	P	$98*7*65/(-4+3)^2-1$
-2094822	P	$-(9+8^7-65*(4+32))-1$	-2187733	G	$-9-8*7*((6+5^4+3))/2+1$
-2095754	G	$-9-8^7-(-6-5)*4^3*2-1$	-2187837	G	$-9-8*(7*(6+5^4+3)/2)-1$
-2095764	G	$-9-(8^7-(6+5)*(4*32-1))$	-2193162	P	$-(9+8^7-6/(5*4)^3-2)-1$
-2096332	P	$-(9+8^7)+6*(5+4^3)*2+1$	-2197066	G	$-9-8*(7+65^4(4-(3-2)))-1$
-2097345	P	$-9-8*(-7-6*5-4^(3^2*1))$	-2198250	P	$-(9+8^7+6^5*(4+3^2))-1$
-2097960	P	$-(9+8^7+6*(5+4^3*2))-1$	-2200928	G	$-9-8*(7^6+54^3+2)+1$
-2098108	G	$-9-8^7+(-6-5)*43^2-1$	-2201144	G	$-9-8*7*((6^5+4)^3+2)+1$
-2098258	P	$-(9+8^7)-(6+543)*2+1$	-2203628	G	$98*(7-6*5^4*3)*(2*1)$
-2098462	P	$-(9+8^7)-(654-3)*2+1$	-2204511	G	$-98+7*(6-54^3)*2-1$
-2098696	P	$-(9+8^7)+(6-54)*32+1$	-2204604	P	$-(9+(8+7*(6+54^3))^2)+1$
-2099475	G	$(98+7)*(6-5^4*32-1)$	-2204611	G	$-9*8-7*(6+54^3*2)-1$
-2099661	G	$-9-8^7-6*5^4/(3/2*1)$	-2206372	G	$-98*(7+6*5^4*3)*(2*1)$
-2099784	P	$-(9+8^7+6*(5+432))-1$	-2211169	P	$-(-9*(-8+7*6)*5+43)^2*1$
-2100201	G	$-9-8*(76*5+4^(3^2*1))$	-2212500	G	$(-9-876)/(5^4-4/(3+2-1))$
-2100432	P	$-(9+8^7+6*(543+2))-1$	-2217161	G	$-9-8^7-6/(5^4-4/(32*1))$
-2101524	P	$-(9+8^7)-6*((5+4)^3-2)-1$	-2217411	P	$-(9+8^7)+65*(-43^2-1)$
-2101548	P	$-(9+8^7)-6*((5+4)^3+2)-1$	-2219383	G	$9*8^7-6*(5^4*3)^2-1$
-2101912	P	$-(9+8^7)-(6+5)*432+1$	-2220042	P	$-(9+8^7-6*-5/4^3(3^2-2))-1$
-2102282	P	$-(9+8^7+6)-5*(4^(3+2)-1)$	-2231706	P	$-(9-8)-7*(6^5*(43-2)-1)$
-2102286	G	$-9-8^7-6-5*4^(3+2)+1$	-2237476	G	$9*8*(7-6^5)*4-(3+2-1)$
-2102816	P	$-(9+8^7)-65*(43^2+1)$	-2239420	G	$9+8*(7-6^4(-5+4^3))+2+1$
-2102839	P	$-(9+8^7+(-6-5^4)*-3^2)+1$	-2239426	G	$9+8*(7-6^4(-5+4^3))-2-1$
-2103329	G	$-9-8^7-6*(5+4^3+2)-1$	-2239916	G	$98/7*(6-(5^4)^3+2-1)$
-2104481	P	$-9-8^7+(-6+5)^4+3/2-1$	-2240211	P	$9*8*(-7+6^5*4+3)-2-1$
-2104484	G	$-9-8^7-((6+5)^4+3)/2-1$	-2241161	G	$(-9-8)*((7+(6+5)^4)/3^4-2+1)$
-2104512	G	$-9-8^7-6*(5*(-4-3))^2-1$	-2247265	G	$(-9-8-7)/(6*(54-3))^2-1$
-2105546	G	$-9-(8^7+65*(4^3*2+1))$	-2252682	P	$-(9+8^7+6^5*4*(3+2))-1$
-2105801	G	$(9-8^7-6*((5-43)^2-1))$	-2256004	P	$-((9*8-7*654)/3)^2*1$

-2260992	G	$(9/-8-7^*6)/5^*4^*(3^*2^*1)$	-2430082	G	$-9^*8-7-(6^*5)^*4^*3-2-1$
-2276009	G	$-9-(8^*7+6^*5^*(4^*3^*2-1))$	-2432960	P	$-((-987-(6^*5)^*4^*3-2)-1$
-2277080	G	$-9^*(8-7^*(6^*5+43))^*2+1$	-2439845	G	$-9-(8-(7^*6+5)^*4+3)/-2-1$
-2277082	G	$-9^*(8-7^*(6^*5+43))^*2-1$	-2439848	G	$-9+(8-((7^*6+5)^*4+3))/2-1$
-2280010	G	$-9-8^*76^*5^*4^*3^*2-1$	-2449434	P	$-(9-8)-7^*(6^*5^*(43+2)-1)$
-2280100	P	$-(9-(-8^*(7^*6+5)^*4+3))^*2^*1$	-2470841	G	$9^*(87-65^*(4-3+2))^*1$
-2282628	G	$-9-87^*(-6+(5^*4^*3)^*2-1)$	-2472130	G	$9^*(-8^*7-65^*(4-(3-2)))^*-1$
-2283121	P	$-9(-8+7^*(6/-5-4))^*3^*2^*1$	-2474329	P	$-(9^*(-8+7^*6)^*5+43)^*2^*1$
-2299593	P	$-(9+8)-7^*((65+4)^*3+2)+1$	-2475567	G	$9^*(876^*(-5^*4-3)/2+1)$
-2299622	G	$-9^*8-7^*((65+4)^*3-2)-1$	-2475576	P	$9^*876^*(5^*4+3)/-(2^*1)$
-2305941	G	$-98^*(7^*6+5-4)/(3+2)-1$	-2475577	G	$9^*876^*(-5^*4-3)/2-1$
-2307361	P	$-((-9+8+76^*5)^*4+3)^*2^*1$	-2477477	P	$-(9+8+(7^*-6+5)^*43)^*2-1$
-2310472	G	$-9^*(8+(76^*5^*4/3)^*2^*1)$	-2480017	P	$-(9-8)-7^*6^*((5+4)^(3+2)-1)$
-2311258	G	$-9+(-8-7^*6)^*(5^*43)^*2+1$	-2480033	P	$-(9+8)-7^*6^*((5+4)^(3+2)-1)$
-2314241	G	$(-9+8^*(-7-6))^*5^*4^*(3^*2)-1$	-2480052	G	$-9+8-7^*(6^*(5+4)^(3+2)-1)$
-2315276	G	$-9-(8+(7^*((6+5)+4))^*3)^*2-1$	-2484040	G	$-9-8^*7+6-(5+4^*3)^*2-1$
-2320889	G	$-9-8^*7-((-6-5)^*43)^*2+1$	-2484567	P	$-(9/(8-7))^*6-5^*(4+3+2)-1$
-2321232	P	$-(9-87)+6^*(-(-5^*4+3)^*2-1)$	-2486930	P	$-(((9-8^*7)^*-6+5)^*4-3)^*2-1$
-2321251	G	$-9+(8^*7-6^*((5^*4-3)^*2-1))$	-2487786	G	$-9-8^*7-(6-5+4)^(3^*2-1)$
-2321279	P	$9+8+7+6-(-5^*4+3)^*2+1$	-2491552	P	$-(9+8+7+6)-(5^*4+3)^*2-1$
-2321300	P	$-((-9+8)+7)+6^*(-(-5^*4+3)^*2-1)$	-2493241	P	$-((-987-6/5^*-4)/3)^*2^*1$
-2321334	P	$-(9+8+7)+6^*(-(-5^*4+3)^*2-1)$	-2493856	P	$9^*87^*65/-4+3)^*2-1$
-2321389	P	$-(9+8+7)+6^*(-(-5^*4+3)^*2-1)$	-2517066	P	$-(9+8^*7)-(6^*-5^*4^*3)^*-2-1$
-2321415	P	$-(98+7)+6^*(-(-5^*4+3)^*2-1)$	-2519361	G	$9^*(8-(7-6+5)^*4+3-2+1)$
-2321807	P	$-(9^*8^*7+6/(5^*4-3)^*-2)+1$	-2519420	G	$(9-(8+7))^*6^*-5+4+3+2-1$
-2326537	P	$-(9-8^*(-76+5)^*4^(3^*2))^*1$	-2519428	G	$(9-8-7)^*6^*-5+4+3+2+1$
-2330149	G	$-9-(8^*7-6-5^*4)^*(3^*-2+1)$	-2520204	G	$-9^*(87+6^*(-5+4^*3))^*2+1$
-2338341	G	$-9-(8^*7+(6^*5+4)^*(32-1))$	-2520210	G	$-9^*(87+6^*(-5+4^*3))^*-2-1$
-2340059	G	$9+(-8-7^*6)^*(5^*4-3^*-2)-1$	-2522877	G	$-9^*876^*5^*4^*3+2+1$
-2340242	G	$-9+(8-7^*6^*5)^*43-2+1$	-2523126	G	$9-8^*-7^*(-6-5)/4^(3^*-2)+1$
-2349010	G	$-9-87^*(6^*5)^(4-3+2)-1$	-2523201	G	$-9-8^*-7^*((-6-5)/4^(3^*-2)-1)$
-2351529	G	$-9-8^*7+6^*5-4^(3^*2^*1)$	-2529273	G	$9^*8-(7^*6-5)^*43/2+1$
-2351530	G	$(9^*8-7^*6)^*5^*4+3^*2+1$	-2534463	P	$-(9-8-(7^*-6+5)^*43)^*2+1$
-2352776	G	$(9+(8-7^*6)^*5)^*4+3^*2-1$	-2534464	P	$-(9-8-(7^*-6+5)^*43)^*2^*1$
-2352839	G	$-9+(-8+7^*6)^*-5^*4-3^*2-1$	-2547234	P	$-(9+8)-(7^*6^*(5-43))^*2-1$
-2352918	G	$9^*8-7^*6^*5^*4-3^*2-1$	-2547536	G	$-9-(87^*(6+5)^*4-3)^*2+1$
-2353014	P	$(-9+8^*7^*6-5)^*(4-3/2)+1$	-2550482	G	$-9+8^*(7-6^*5^*(43-2))-1$
-2353048	G	$-9-((-8-7^*6+5)^*-4^*(3+2)-1)$	-2564856	G	$9^*(8-76/5^*-4^*3)^*2^*1$
-2353096	P	$-(-9-(-8-7^*6)^*5)^*4+3^*2-1$	-2572467	G	$-98^*7^*6^*5^*4+32+1$
-2353111	G	$-9-(-8-7^*6)^*5)^*-4-3^*2-1$	-2572791	G	$-98^*(7^*6^*5^*4+3)+2+1$
-2353312	G	$(-9-8-7^*6)^*5^*4+3^*2-1$	-2579236	P	$-(98/(76-54^*3))^*-2^*1$
-2354930	G	$(-98-7^*6)^*5^*4+3^*2+1$	-2579274	P	$-(9+8^*7)-6^*5^*(4^*3-2)-1$
-2358466	G	$-9-8^*(-7^*6+543^*2)-1$	-2599067	G	$-9-(8+(7+6)^*5^*(4+3))^*2-1$
-2359240	G	$-9-8^*7+65-4^(3^*2^*1)$	-2610378	P	$-(9+8^*7)-6^*5^*(4^*3+2)-1$
-2359370	G	$-9-8^*7-65-4^(3^*2^*1)$	-2617924	P	$-((-9-8)^*-76^*5/4+3)^*2^*1$
-2359408	G	$-9-8^*(76+543^*2)+1$	-2621353	P	$-((9-8+7)^*6^*5-43)^*2+1$
-2359680	P	$-(9^*(8^*(7-(6-5))+43)-2)+1$	-2630802	G	$-9-87^*(6^*5^*(4-3^*-2)-1)$
-2366232	P	$-(9-87)+6^*(-(5^*4+3)^*2-1)$	-2655355	G	$(9^*(8-7))^*6^*5+43^*2+1$
-2366251	G	$-9+(8^*7-6^*((5^*4+3)^*2-1))$	-2656157	G	$-9+(8-7^*6)^*(5^*(4+3)-2-1)$
-2366334	P	$-(9+8+7)+6^*(-(5^*4+3)^*2-1)$	-2656200	P	$-(9-8)+7^*(-(6-(5^*4-3))^*2-1)$
-2366389	P	$-(9+8+7)+6^*(-(5^*4+3)^*2-1)$	-2657078	P	$-(9/(8-7))^*6^*5+4^*32-1$
-2367489	P	$-9+8^*(-(7-(6-543))^*2+1)$	-2657120	P	$-(9/(8-7))^*6^*5+43^*2-1$
-2374505	P	$-(9+8^*7)-6^*((5^*43)^*2-1)$	-2657129	G	$-9^*8+76^*((5+4)^(3^*2)+1)$
-2377763	G	$-9^*((8+7)^*6^*5+4^*3)^*2+1$	-2657170	P	$-(9^*(8-7))^*6^*5+4+32-1$
-2377765	G	$-9^*((8+7)^*6^*5+4^*3)^*2-1$	-2657178	P	$-(9/(8-7))^*6^*5-4+32-1$
-2379286	G	$(9+8)^*7^*(6-5^*4^*32)^*1$	-2657234	P	$-(9^*(8-7))^*6^*5+4-(32+1)$
-2379303	G	$(9+8)^*(7^*(6-5^*4^*32)-1)$	-2657238	P	$-((9/(8-7))^*6^*5+4^*3/2)-1$
-2379405	G	$(9+8)^*7^*(6-5^*4^*32-1)$	-2657334	P	$-(9/(8-7))^*6^*5-4^*32-1$
-2383357	G	$-98^*76^*5^*4^*3+2+1$	-2657350	P	$-(9/(8-7))^*6^*5-(4^*3)^*2-1$
-2393227	P	$-9+8+(7^*(6+5^*43))^*2-1$	-2657638	P	$-(9/(8-7))^*6^*5-432-1$
-2396760	G	$-9+((8^*7+6)/((5/4-3)/2)+1)$	-2661361	P	$-9-8^*(-(7^*(654/3)^*2-1)$
-2402500	P	$-((9^*8+7^*654)/3)^*2^*1$	-2666251	G	$(9^*8+7)^*6/5^*-4^*-3^*2-1$
-2408201	P	$-(9+8^*7)-6^*5^*(43-(2+1))$	-2674898	G	$-9-(8^*(7-6^*5^*43)+2)+1$
-2421377	P	$-9+(8+7-6)^*5)^*-43-2+1$	-2676898	P	$-(9-(8-7^*6)^*5^*4^*3/2)-1$
-2423188	P	$9^*(-(8-(7^*6-(5^*4-3)^*2))-1$	-2677346	P	$-(9-8^*(-(7-6^*5)^*43+2)-1$
-2424833	G	$-9+8-(7+6^*5)^*4^(3^*2-1)$	-2693113	P	$-(9^*8-7^*(6^*(5-4)+3))^*2-1$
-2424849	G	$-9-8-(7^*6-5)^*4^(3^*2-1)$	-2705749	G	$-9+(8-7^*6)^*(5^*4+3)+2+1$
-2424904	G	$-9^*8-(7+6^*5)^*4^(3^*2-1)$	-2705793	P	$-(9+87^*(6^*5^*4-3)-2)+1$
-2427365	P	$-(-9+(-8-76^*5)^*4+3)^*2-1$	-2705826	G	$98-7^*6^*(5^*4+3)+2+1$
-2429868	P	$-(-9^*(8+7)-(6^*5)^*4^*-3+2)-1$	-2705832	G	$98-7^*6^*(5^*4+3)-2-1$

-2705853	G	$9^*8-7^*6^*(5^*4+3)+2^*1$	-3034655	P	$-(9+8^*7)-6^*(5^*(4+3)^*2-1)$
-2705857	G	$9^*8-7^*6^*(5^*4+3)-2^*1$	-3038393	G	$-9-8^*(7^*6+5+4^*(3^*2^*1))$
-2706002	G	$(9-87^*6^*5)^*4+3^*2+1$	-3046892	G	$-9-8+(-7-6)^*5^*(4+3)^*(2+1)$
-2708154	P	$-(9-8)+7^*(6-(-5^*4+3)^*2-1)$	-3048249	P	$-9-8^*(7-6^*5^*(-(4-3)^*2-1))$
-2708196	P	$-(9+(8-7+6)^*(-5^*4+3)^*2)+1$	-3052010	P	$-(9-8-76^*(5^*4+3))^*2-1$
-2708209	G	$-9-8^*(7+6)^*5+4^*(3^*2^*1)$	-3055522	P	$-(9+8)-(76^*(5^*4+3))^*2-1$
-2708238	P	$-(9-8)+7^*(-(6+(-5^*4+3)^*2)-1)$	-3061423	P	$(-98-7^*6)^*(-(5^*4-3^*2)-1)$
-2708245	G	$-98+7^*(6-(5^*4-3)^*2)-1$	-3062879	G	$(98^*7-6^*5)^*432+1$
-2708254	P	$-(9+8)+7^*(-6-(-5^*4+3)^*2-1)$	-3066606	G	$(-987+6)^*(5^*(4+(3-2))+1)$
-2711562	G	$-9-8^*7-6/(5/4^*-3)^*2-1$	-3070704	G	$(98-7)^*-6^*(5^*4^*3^*2-1)$
-2712500	G	$(-98-7^*6)/(5^*-4/(32-1))$	-3076096	G	$(98^*7+65)/-4^*(3^*-2)^*1$
-2714795	G	$-98^*76^*(5+4)^*3/2+1$	-3082280	P	$-(-9^*8-7^*6)+(-5^*4)^*(3+2)-1$
-2716737	G	$(9/8+7)^*6^*5^*-43+2+1$	-3094474	G	$-9+8^*(76-(5^*4-3)^*2)-1$
-2716741	G	$(9/8+7)^*6^*5^*-43-2+1$	-3095417	G	$-9+8^*(-7^*6-(-5^*4+3)^*2)^*1$
-2735936	G	$-9^*8+(7+65)^*4^*3/2+1$	-3095690	P	$-(9+8^*(76+(5^*4-3)^*2))-1$
-2760738	P	$-(9-8)-7^*((6+(5^*4+3)^*2)+1)$	-3100681	P	$-(9+(-8+765)^*4^*(3^*2))^*1$
-2760754	P	$-(9+8)+7^*(-6-(5^*4+3)^*2-1)$	-3111712	P	$-(9+8+(7^*6)^*(5-(4-3))-2)-1$
-2760779	G	$-98-7^*((6+5^*4-3)^*2-1)$	-3111795	P	$-(98+(7^*6)^*(-(5-4-3)))-2+1$
-2762858	G	$-9+8^*7+(6^*5)^*4^*-3^*2-1$	-3114230	G	$(-9-8)^*(7^*6+5+4^*(3^*2-1))$
-2778889	P	$-((9-8)^*(7-6-5^*4))/3)^*2^*1$	-3122288	G	$-9^*((87+6)^*(5+4/3))^*2+1$
-2799314	G	$-9+8^*(7-6^*5^*(43+2))-1$	-3122290	G	$-9^*((87+6)^*(5+4/3))^*2-1$
-2801897	G	$-9-8^*((7+6^*5)^*(43+2)+1)$	-3132375	G	$9-8^*(7^*6+5^*(4+3))^*2^*1$
-2803227	G	$-9-(87-6^*(-5-4))^*3+2+1$	-3132676	P	$-(9-8)-765^*(4^*(3^*2)-1)$
-2813700	P	$-(9-8)+7^*(-(6-(-5^*4-3))^*2-1)$	-3132692	P	$-(9+8)-765^*(4^*(3^*2)-1)$
-2813716	P	$-(9+8)+7^*(-(6-(-5^*4-3))^*2-1)$	-3133511	G	$-9^*8-765/4^*(3^*-2)+1$
-2821689	G	$9-(8^*7^*6-5^*4)^*3+2+1$	-3138749	G	$9^*(8^*-7-6)/5^*-4^*3^*2+1$
-2823402	G	$9-(8^*7^*6-5^*4)^*3+2+1$	-3142902	G	$9^*(8^*7/-6+(5^*4+3)/(2^*1))$
-2823560	G	$9^*(-(8/7^*-6+5)/(-4-(3-2))+1)$	-3143567	G	$9/(-8^*-7^*6)+5^*432+1$
-2825440	G	$9-(8^*7^*6+5^*4)^*3+2^*1$	-3143999	G	$9/(-8^*-7^*6)+5^*4^*32+1$
-2826161	G	$-9-(8^*7+(6^*5)^*4/(3^*-2+1))$	-3144641	G	$9/(-8^*-7^*6)+5^*43^*2+1$
-2828376	G	$(9+8)^*(-7+6-5^*4)^*3-2+1$	-3145825	G	$-9^*8^*7/6-(5+43)^*2-1$
-2828378	G	$(9+8)^*(-7+6-5^*4)^*3-2-1$	-3147076	P	$-(98-(-7+6+5^*4)^*3)^*2^*1$
-2831472	G	$9^*8^*7^*(6-5^*4^*3^*2+1)$	-3149478	P	$9^*(-(8^*7/6+5^*4/(3/2^*1)))$
-2832687	G	$-9^*((-87-6+5^*4^*3)^*2+1)$	-3150625	P	$-(9^*(8-7^*6^*5)+43)^*2^*1$
-2834982	P	$-(-9-(8-7^*((6^*5)^*4-3)))/2-1$	-3159429	G	$-9^*(-8+7^*6-5^*4)^*3+2+1$
-2835008	P	$-(9-(8-7^*(-6^*5)^*4-3))/2-1$	-3161284	P	$-(9-87^*(6+5^*4)/3)^*2^*1$
-2835105	G	$(-98-7)^*((6^*5)^*(4-3+2)+1)$	-3168400	P	$-(98+(-7+6-5^*4)^*3)^*2^*1$
-2842597	P	$-(9+(-8-(-7^*6-5)))^*43)^*2-1$	-3176504	G	$9+8-7^*6^*(5+4)^*3+2^*1$
-2845731	P	$9^*8^*(-(7^*6-5^*(4+3)))-2-1$	-3176783	P	$-9^*(-(-8-7^*6-(5-4))^*3+2)+1$
-2845968	P	$-((-9-8^*7)^*(6+5^*4+3))^*2+1$	-3176864	P	$9^*(-(-8+7^*6+5^*4)^*3-2)+1$
-2853757	G	$-98^*7^*65^*4^*3+2+1$	-3177098	P	$-(9-8)-7^*(6+5)^*4^*(32-1)$
-2854912	P	$(98^*7+6+5)^*(-4^*(3^*2)^*1)$	-3177114	P	$-(9+8)-7^*(6+5)^*4^*(32-1)$
-2866249	P	$-((-9-8^*7)^*(-6-5^*4+3))^*2^*1$	-3188574	P	$-(9-87)+6^*(-(5+4)^*(3^*2)-1)$
-2878848	G	$(-9-8)^*7^*6^*5^*(4-(-3^*-2+1))$	-3188642	P	$-((-9+8)+7)+6^*(-(5+4)^*(3^*2)-1)$
-2882521	G	$-98^*(7^*6+5)/4+3-(2-1)$	-3188650	P	$-(9+8)+7+6^*(-(5+4)^*(3^*2)-1)$
-2907171	P	$-(9+8^*7)-((6^*5)^*4+3^*2)-1$	-3188757	P	$-(98+7)+6^*(-(5+4)^*(3^*2)-1)$
-2913848	P	$-9^*(8^*(7+65)-4-3)^*2+1$	-3193179	G	$9^*(8-7^*6-5^*4)^*3+2+1$
-2913850	P	$(9+8)^*(-(7+(6^*(5+4^*3))^*2)+1)$	-3199855	P	$-(98/7+6)^*5+(4^*3)^*2+1$
-2928639	G	$(9^*-8+7)^*(-6-5)^*-4^*(3^*2)+1$	-3200124	P	$(-9-8)^*7-(6-(-5^*4)^*(-(3-2)-1))$
-2936217	G	$-9^*87^*6^*5^*4+32+1$	-3200175	G	$-98-(76+(5^*4)^*(3+2)+1)$
-2937577	G	$-9-8^*((7+6)^*5-4^*(3^*2)-1)$	-3200886	G	$-9-(876+(5^*4)^*(3+2)+1)$
-2941152	G	$9^*8-(7^*6^*(5/(4-3))^*2-1)$	-3200994	G	$-987-(6+(5^*4)^*(3+2)+1)$
-2941176	G	$9+(8-7^*6^*5)^*(4+3-2)^*1$	-3209129	P	$-(9+8^*7)-6^*5^*((4^*3)^*2-1)$
-2941243	P	$-(9+8)-7^*6^*(5/(4-3))^*2-1$	-3232497	G	$-9-8^*(7+6)^*5-4^*(3^*2^*1)$
-2941256	G	$9-(8+7^*6^*5)^*(4+3-2)^*1$	-3232805	P	$-(9-8-7^*(-(65^*4+3))^*2-1)$
-2955562	P	$-(9+8)^*((7+6)^*5-43^*2)-1$	-3236419	P	$-(9+8)-(7^*(-(65^*4+3))^*2-1)$
-2956654	G	$9^*(-8+((-7-6)^*5-4)^*3)-2+1$	-3239942	P	$-9-8^*(-(7+(-6^*5)^*4+3)/2)-1$
-2968924	G	$-98-76^*(5^*(4+3)/2+1)$	-3241893	G	$-98-((7+6^*5)^*4)^*3-2-1$
-2970435	P	$-(98+((7+6)^*5^*4-3)^*2)+1$	-3246657	P	$-(9-(8+7))^*6+(-5^*4)^*(3+2)-1$
-2982528	P	$-9^*8-7^*(65^*4-3))^*2+1$	-3252224	P	$(9^*87+6+5)^*(-4^*(3^*2)^*1)$
-2982530	P	$-(9^*8-7^*(65^*4-3))^*2-1$	-3256814	G	$9-(8^*7-6^*5^*(4+3))^*2-1$
-2986344	G	$(9+87^*6)^*(-5^*4^*3^*2+1)$	-3257277	G	$-9^*87^*65^*4^*3+2+1$
-2993761	G	$(-9+8/7)/6^*-5^*(4+3)^*2-1$	-3279592	P	$-(9-8)-7^*((6+5)^*4^*32+1)$
-3001252	P	$-9+(-((-8+7-6)^*5)^*4+3)^*2+1$	-3279608	P	$-(9+8)-7^*((6+5)^*4^*32+1)$
-3003883	P	$(9+8)^*(-(7^*6+(5+4)^*(3+2)+1))$	-3281141	G	$-9-8-7^*6^*(5^*(4+3)-2-1)$
-3008532	P	$-(9^*(-(87+6^*5^*43)+2))-1$	-3281160	P	$-(9-8)-7^*(6^*(5^*(4+3)-2)-1)$
-3008791	G	$9^*(8^*7-(6^*5^*43-2))-1$	-3281184	P	$-(9+8)-7^*6^*(5^*(4+3)-2)-1$
-3017168	P	$9/-(87^*6+5+3)^*2+1$	-3281225	G	$-9-8-7^*6^*(5^*(4+3)-2)-1$
-3020975	G	$(9^*87-6^*5)^*432+1$	-3281282	P	$-(9+8)-7^*(6^*5^*(4+3)+2)-1$
-3024026	P	$-(9+(8+7^*(6+5^*4)^*3)^*2)-1$	-3281328	P	$-(9-8)-7^*(6^*(5^*(4+3)+2)-1)$

-3281344	P	$-(9+8)-7*(6*(5^(4+3)+2))-1$	-3515869	P	$-9^{\wedge}-((-8-7)/6)-(5^{\wedge}4*3)^{\wedge}2-1$
-3281433	G	$-98-7*6*(5^(4+3)+2)-1$	-3516607	G	$-987-(-6+(5^{\wedge}4*3)^{\wedge}2+1)$
-3281439	G	$-98-7*(6*(5^(4+3)+2)+1)$	-3525117	G	$-9*8*765*4^{\wedge}3+2+1$
-3285009	G	$-9-876*5^{\wedge}4*3*2*1$	-3526776	G	$9*(8*7^{\wedge}6+54^{\wedge}3)/(2*1)$
-3285010	G	$-9-876*5^{\wedge}4*3*2-1$	-3526902	P	$-(9+8)-((-7+6-5^{\wedge}4)*3)^{\wedge}2-1$
-3285093	G	$(9+8-7)*(65-4)^{\wedge}3-(2+1)$	-3529477	G	$((-9+8-7^{\wedge}6)*5+4)*3*2-1$
-3292523	P	$-9-87^{\wedge}-(6-(5+4))*(3+2)+1$	-3529495	G	$((-9+8)*7^{\wedge}6*-5+4)*-3*2-1$
-3293884	G	$(9*8-7^{\wedge}6+5-4)*(3+2-1)$	-3530641	P	$-(98/7+(-6-5^{\wedge}4)*3)^{\wedge}2*1$
-3294761	G	$-98*(7^{\wedge}6-(5-4)+3)*2-1$	-3538948	G	$(9+8+7)^{\wedge}6/-54-3-2+1$
-3307097	G	$-9-8*(7*(6-(-5-4)^{\wedge}(3+2))+1)$	-3538975	G	$(9-(-8-7))^{\wedge}6/-54-32+1$
-3308761	P	$-((-9+8+7*65)*4+3)^{\wedge}2*1$	-3538977	G	$(9-(-8-7))^{\wedge}6/-54-32-1$
-3312162	P	$-(9+8^{\wedge}7)+(6*5)^{\wedge}4*-3/2-1$	-3539809	G	$(-98+7)*((6+5+4)*(3+2))-1$
-3317889	P	$-9+8*(-(7-(654-3))^{\wedge}2+1)$	-3570141	G	$-9-(8+((7+6)*5)^{\wedge}4/(3+2))+1$
-3322387	G	$-9*(8^{\wedge}7-(6*5^{\wedge}4)^{\wedge}3+2)-1$	-3570143	G	$-9-(8+((7+6)*5)^{\wedge}4/(3+2))-1$
-3328159	G	$((-9-8)*(7^{\wedge}6+5^{\wedge}4+3))-2)+1$	-3572101	G	$-9/(-8/(7-6)-5^{\wedge}4+3)^{\wedge}2-1$
-3329866	P	$(9/7)*-(654-3)^{\wedge}2-1$	-3575881	P	$-(9+(-8-7*6)*-(5-43))^{\wedge}2*1$
-3331126	G	$-987*(6+5+4)^{\wedge}3-2+1$	-3579664	P	$-((98/7+6*5)*43)^{\wedge}2*1$
-3331128	G	$-987*(6+5+4)^{\wedge}3-2-1$	-3582665	P	$-(-9*87+((-6-5^{\wedge}4)*3)^{\wedge}2)+1$
-3342268	P	$9*(8+(7+6)^{\wedge}5+4^{\wedge}3-2)-1$	-3582762	P	$-(-98*7+((-6-5^{\wedge}4)*3)^{\wedge}2)+1$
-3342302	P	$9*(8+(7+6)^{\wedge}5+4^{\wedge}3+2)-1$	-3583401	G	$-9-(-8*7+((-6-5^{\wedge}4)*3)^{\wedge}2-1)$
-3356190	G	$9+8-(-7+6^{\wedge}5)*432+1$	-3583444	G	$-9+8+7-((-6-5^{\wedge}4)*3)^{\wedge}2-1$
-3358808	G	$-9+(8-7-6^{\wedge}5)*432+1$	-3583539	P	$-(98-7)-((-6-5^{\wedge}4)*3)^{\wedge}2+1$
-3358810	G	$-9+(8-7-6^{\wedge}5)*432-1$	-3583544	P	$-(9+87)-((-6-5^{\wedge}4)*3)^{\wedge}2+1$
-3359112	G	$(9+8)*7-6^{\wedge}5*432+1$	-3583553	P	$-(98+7)-((-6-5^{\wedge}4)*3)^{\wedge}2+1$
-3362272	G	$-9-8-(7+6^{\wedge}5)*432+1$	-3583952	P	$-(-9*8*7+((-6-5^{\wedge}4)*3)^{\wedge}2)+1$
-3370914	P	$-(9+8)-((-7-(6-5^{\wedge}4))^{\wedge}3)^{\wedge}2-1$	-3592506	P	$-(9-8)-7*(6^{\wedge}5*(4^{\wedge}3+2))-1$
-3374569	P	$-(9-(8-(-7-(6-5^{\wedge}4))^{\wedge}3))^{\wedge}2*1$	-3592522	P	$-(9+8)-7*(6^{\wedge}5*(4^{\wedge}3+2))-1$
-3374660	P	$(98/7*6^{\wedge}5+4)*-(32+1)$	-3592528	P	$-(9+8)-7*6^{\wedge}5*(4^{\wedge}3+2)+1$
-3374778	P	$-(9-8)-7*(6^{\wedge}5*(4^{\wedge}3-2))-1$	-3592609	G	$-98-7*6^{\wedge}5*(4^{\wedge}3+2)+1$
-3374794	P	$-(9+8)-7*(6^{\wedge}5*(4^{\wedge}3-2))-1$	-3598609	P	$-(9*8-7-654*3)^{\wedge}2*1$
-3374800	P	$-(9+8)-7*6^{\wedge}5*(4^{\wedge}3-2)+1$	-3632836	P	$-(98/7-6*5/4^{\wedge}3)^{\wedge}2*1$
-3374857	G	$-9-8-7*6^{\wedge}5*(4^{\wedge}3-2)-1$	-3633345	P	$-(9*8+7^{\wedge}6)-(-5^{\wedge}4*3)^{\wedge}2+1$
-3389299	P	$-(9+8)-((7*(65*4+3))^{\wedge}2-1)$	-3650399	P	$(-9+8+7)*-(65*4*3)^{\wedge}2+1$
-3398047	P	$-(9*8-7^{\wedge}6)-(5^{\wedge}4*3)^{\wedge}2+1$	-3655807	G	$(98+7-6+5)^{\wedge}4/-32+1$
-3407875	G	$-9-8^{\wedge}7+6-5*4^{\wedge}(3^{\wedge}2*1)$	-3655809	G	$(98+7-6+5)^{\wedge}4/-32-1$
-3407887	G	$-9-8^{\wedge}7-6-5*4^{\wedge}(3^{\wedge}2*1)$	-3656960	G	$-9*8*7*6^{\wedge}5+4^{\wedge}(3^{\wedge}2*1)$
-3407954	P	$-9-8+(-7-6)*(5+4^{\wedge}-(-3^{\wedge}2*1))$	-3659111	G	$-9+8-7*((6-(5+4)^{\wedge}3)^{\wedge}2+1)$
-3411917	G	$-9+(8+7^{\wedge}6-5)*(4-32-1)$	-3659127	P	$-(9+8)+7*(-(6+(-5-4)^{\wedge}3)^{\wedge}2-1)$
-3418808	P	$-(((9-8+7)*6-5)^{\wedge}4+3^{\wedge}2)-1$	-3663414	P	$-(9+8)-((-7-(6+5^{\wedge}4))^{\wedge}3)^{\wedge}2-1$
-3419967	G	$-9*8*7*6*5^{\wedge}4+32+1$	-3667640	G	$9+8^{\wedge}7-(6+5-4)^{\wedge}(3^{\wedge}2-1)$
-3424851	G	$9*(87*6*(-5-4)^{\wedge}3-(2-1))$	-3667658	G	$-9+8^{\wedge}7-(6+5-4)^{\wedge}(3^{\wedge}2-1)$
-3433609	P	$-(98-76-5^{\wedge}4*3)^{\wedge}2*1$	-3669969	G	$-9-8*-7*(6-5-4^{\wedge}(3^{\wedge}2-1))$
-3437499	G	$(-98+76)/5^{\wedge}(-4-3)*2+1$	-3670004	G	$9-8^{\wedge}7*(6-(5/4+3))^{\wedge}2+1$
-3440578	G	$9/(-8^{\wedge}7*6)-543^{\wedge}2-1$	-3670081	G	$-9-8*7*(6-5+4^{\wedge}(3^{\wedge}2-1))$
-3448401	G	$-9+(8*7-((6-5^{\wedge}4)*3)^{\wedge}2+1)$	-3671705	G	$-9-8*-7*(-6*5-4^{\wedge}(3^{\wedge}2-1))$
-3448444	G	$-9+8+7-((-6+5^{\wedge}4)*3)^{\wedge}2-1$	-3678724	P	$-(98-7*6*(5+43))^{\wedge}2*1$
-3448539	P	$-(98-7)-((-6+5^{\wedge}4)*3)^{\wedge}2+1$	-3686490	P	$-(98-7+(6*5/4^{\wedge}3)^{\wedge}2)+1$
-3448544	P	$-(9+87)-((-6+5^{\wedge}4)*3)^{\wedge}2+1$	-3686497	P	$-(9+87)-((6*5*4^{\wedge}3)^{\wedge}2-1)$
-3448553	P	$-(98+7)-((-6+5^{\wedge}4)*3)^{\wedge}2+1$	-3686506	P	$-(98+7)-(6*5*4^{\wedge}3)^{\wedge}2-1$
-3448952	P	$-(9*8*7+((-6+5^{\wedge}4)*3)^{\wedge}2)+1$	-3701366	G	$(-9-8)*7*6^{\wedge}5*4+3^{\wedge}2+1$
-3455908	P	$-(-98+7)-(6*5*-4)^{\wedge}3*2+1$	-3720123	P	$-((9*(8-7))^{\wedge}6+5*(4+3)+2)+1$
-3455968	P	$-(-9-8)-(-7+(6*5*4)^{\wedge}3)*2+1$	-3728282	P	$9+(-(-8^{\wedge}7+6)+5)*(4/3)^{\wedge}2-1$
-3456988	G	$-987-(6*5*4)^{\wedge}3*2-1$	-3731440	P	$-(9/(8-7))^{\wedge}6+(-5*4)^{\wedge}(3+2)+1$
-3462144	P	$-(9-8+7)^{\wedge}6+(-5*4)^{\wedge}(-3*2+1)$	-3734424	G	$-9+(-8-7)*((6^{\wedge}5+4)*32+1)$
-3462145	P	$-(9-(8-7))^{\wedge}6+(-5*4)^{\wedge}(3+2)-1$	-3736490	P	$-(98/7+6^{\wedge}5/4+3)^{\wedge}2-1$
-3469314	G	$-9+8-7*((6+5)/4^{\wedge}3)^{\wedge}2-1$	-3748018	G	$-9+87-((6+5)*4)^{\wedge}(3+2-1)$
-3483678	P	$-(9+8)-7*(6^{\wedge}5*4^{\wedge}3+2)+1$	-3748089	G	$(-9+8)*-7-((-6-5)^{\wedge}4)^{\wedge}(3+2-1)$
-3483777	P	$-(98/7*6^{\wedge}5+4)*32-1$	-3748092	P	$-(98/7+6*5)^{\wedge}4+3+2-1$
-3495367	P	$9*8/-((-7-654)/3)^{\wedge}2+1$	-3748104	P	$-((98/7+6*5)^{\wedge}4+3^{\wedge}2)+1$
-3503990	G	$9-876/((5*4)^{\wedge}3*2)+1$	-3748187	G	$-98+7-((6+5)*4)^{\wedge}(3+2-1)$
-3504402	P	$-(9+8)-((-7+6+5^{\wedge}4)*3)^{\wedge}2-1$	-3748308	G	$-9+(8-(7+6*5)^{\wedge}4+3)*2+1$
-3511875	P	$-((9-8)^{\wedge}76-5^{\wedge}4*3)^{\wedge}2+1$	-3749849	G	$-9+8*(7-6*(5^{\wedge}(4+3)-2)+1)$
-3513007	P	$-(-9-8)-76*((5*43)^{\wedge}2-1)$	-3750169	G	$-9-8*(7+6*(5^{\wedge}(4+3)+2)+1)$
-3513025	P	$-(-9-8)-76*((5*43)^{\wedge}2-1)$	-3762433	G	$(9*8-7^{\wedge}6+5-4)*32-1$
-3514352	P	$-(-98*(7+6)+(5^{\wedge}4*3)^{\wedge}2)-1$	-3764056	G	$9*8-(7^{\wedge}6-5*4)*32*1$
-3514759	G	$-9-(-876+(5^{\wedge}4*3)^{\wedge}2+1)$	-3764360	P	$-(9-((8-7^{\wedge}6)+5)*4^{\wedge}3/2)+1$
-3514789	P	$-(-9*(87+6)+(5^{\wedge}4*3)^{\wedge}2)-1$	-3764515	G	$(9/8+7^{\wedge}6-(5+4))*-32+1$
-3514870	P	$-(-9*(8+76)+(5^{\wedge}4*3)^{\wedge}2)-1$	-3764664	G	$9*8-(7^{\wedge}6-5+4)*32*1$
-3515499	P	$-(-9-8)*7-(-6+(5^{\wedge}4*3)^{\wedge}2)+1$	-3764945	P	$-(9+8)-(7^{\wedge}6+5)/(4^{\wedge}3-3*(2*1))$
-3515648	G	$-98-(-76+(5^{\wedge}4*3)^{\wedge}2+1)$	-3765000	P	$-(9+(8+7^{\wedge}6-5+4)*32)+1$

-3765026	G	$-98-(7^6+5)/(4^4-3^*(2^*1))$	-4059113	G	$(-9-(87*6^5+4)*3)^*2+1$
-3765064	P	$-(9+(8+7^6+(5-4))^*32)+1$	-4059254	G	$-9-87*(6^6(5+4-3)+2)+1$
-3765074	P	$-(9-(-8-7^6-5/4)*32)-1$	-4064274	P	$-(9+8)-(7^*6*(5+43))^2-1$
-3765309	G	$98-(7^6+5^*4)^*32+1$	-4068288	P	$-(9-8-7^*-6*(5+43))^2+1$
-3765322	G	$-9+(-8-7^6-(5+4))^*32-1$	-4076360	G	$-9*(8-76*(5+4)+3)^2+1$
-3765336	G	$9^*8-(7^6+5^*4)^*32^*1$	-4076362	G	$-9*(8-76*(5+4)+3)^2-1$
-3765674	P	$-(9+(8+(7^6+5^*4))^*32)-1$	-4077075	G	$(-9^8+7^6*54)/3^2^*1$
-3766175	P	$-(-(-98-7^6)-54)^*32+1$	-4083978	P	$-(-9+(8+7+6)^5)+4*(32+1)$
-3766248	G	$-9-(-8-(-7^6-54))^*32+1$	-4084459	P	$-(9+8)-((7^*6+5)^*43)^2-1$
-3766783	P	$(-9^*8+7^6-5+4)^*32+1$	-4085450	G	$-9-(8^7-6^5*(4+3))^*2-1$
-3767105	G	$(9^*8+7^6+5-4)^*-32-1$	-4088483	P	$-(-9-8+(7^*6+5)^*43)^2+1$
-3767435	P	$-9-(-8^*7)-(6^5/4-3)^2-1$	-4088484	P	$-(-9-8+(7^*6+5)^*43)^2^*1$
-3767585	P	$-(98+7)-(6^5/4-3)^2+1$	-4092529	P	$(9+8)^-(7-(6+5))^*-((4+3)^2^*1)$
-3767871	P	$(-98+7^6-5-4)^*32+1$	-4094088	G	$-9-(8+(7+6)^5*43)^*2+1$
-3768193	P	$(-98+(7^6+5))-4)^*32-1$	-4096758	G	$-9+(8-(7-6^*-5^*4)^3)^*2+1$
-3773185	G	$(9+87)/(-6^5-4)^-3-2+1$	-4101000	G	$-9-(8^7-6^5*(5+4-3))^*2+1$
-3773187	G	$(9+87)/(-6^5-4)^-3-2-1$	-4105680	G	$-9+8*(7-6^5*(4^3+2))+1$
-3775249	P	$-9-8^*-76-5^*4^3)^2^*1$	-4105792	G	$-9-8*(7+6^5*(4^3+2))+1$
-3779895	G	$98-7^*((6^5)^4/3^2-1)$	-4108729	P	$-9^*8-7+654^*3)^2^*1$
-3780024	G	$-9+(-8-7^*(6^5)^4/3)^*2+1$	-4109434	G	$-9-8*(7+6^5)^*(4^3+2)-1$
-3781583	G	$-9+8-7^*((-6+(-5-4)^3)^2+1)$	-4117208	G	$(9^*8-7^6*5)^*(4+3)+2+1$
-3781599	P	$-(9+8)+7^*(-(6+(5+4)^3)^2-1)$	-4117210	G	$(9^*8-7^6*5)^*(4+3)+2-1$
-3786916	P	$-(9-(8^*7+6^5)/4+3)^2^*1$	-4117212	G	$(9^*8-7^6*5)^*(4+3)-2+1$
-3790763	P	$-(9-8^*7)-(6^5/4+3)^2-1$	-4117214	G	$(9^*8-7^6*5)^*(4+3)-2-1$
-3790904	P	$-(9+87)-(6^5/4+3)^2+1$	-4117441	G	$-9+(8-7^6)^*5*(4+3)+2+1$
-3790913	P	$-(98+7)-(6^5/4+3)^2+1$	-4117615	G	$98-7^6*5*(4+3)+2^*1$
-3810304	P	$-9+(8-7-654^*3)^2^*1$	-4117640	G	$9^*8-7^6*5*(4+3)+2+1$
-3821966	G	$-9-(8+7+6)^5+4^3(3^2^*1)$	-4117646	G	$9^*8-7^6*5*(4+3)-2-1$
-3822782	G	$-98*(7^6-5^4)/3+2^*1$	-4117709	G	$(9-8-7^6(6+5-4))^*(3+2)+1$
-3822786	G	$-98*(7^6-5^4)/3-2^*1$	-4117711	G	$(9-8-7^6(6+5-4))^*(3+2)-1$
-3825001	G	$(98^*-7+6)^*5^4/3^2-1$	-4117731	G	$-9-8-7^6(6+5-4)^*(3+2)+1$
-3833033	G	$(9+8)-(7+6)^*(543^2+1)$	-4117733	G	$-9-8-7^6(6+5-4)^*(3+2)-1$
-3833049	G	$(9-8)-(7+6)^*(543^2+1)$	-4117753	G	$(-9+8-7^6)^*5*(4+3)-(2+1)$
-3833053	G	$-9-8-(7+6)^*543^2+1$	-4117788	G	$-9^*8-7^6(6+5-4)^*(3+2)-1$
-3833866	G	$-9+8^*7^*((6+5)^4-3^2-1)$	-4117812	G	$-98-7^6(6+5-4)^*(3+2)+1$
-3843407	G	$(-98^*7^6-5^4)/3+2^*1$	-4118001	G	$-9+(-8-7^6)^*5*(4+3)+2+1$
-3843411	G	$(-98^*7^6-5^4)/3-2^*1$	-4126921	G	$(98+7)/(-6^5-4)^-3-2+1$
-3844749	G	$-98/7^65^4(4-3+2)+1$	-4126923	G	$(98+7)/(-6^5-4)^-3-2-1$
-3848256	G	$-9*(8+76*(5^4*3^2+1))$	-4132112	G	$-9-((8^7-6^5*4)+3)^*2-1$
-3848662	P	$-(-9^*87+(654^*3)^2)-1$	-4133090	P	$-(9+8-7^*-6*(5+43))^2-1$
-3848759	P	$-(-98^*7+(654^*3)^2)-1$	-4141225	P	$-(9+8-76^*-(-5-4)^3)^2^*1$
-3853434	G	$-9+8*(7-6^5)^*(4^3-2)-1$	-4147632	G	$-9-(8^7-6^5+4)^3)^*2+1$
-3856960	G	$-9-8*(7+6^5*(4^3-2))+1$	-4147680	G	$-9-(8^7-6^5+4)^3)^*2+1$
-3862611	P	$-(9+8^*7)+6^*(-543^2-1)$	-4153443	P	$-(98-7+6^5/4+3)^2+1$
-3892501	G	$(98^*-7-6)/5^4-4^3+2-1$	-4153445	P	$-(98-7+6^5/4+3)^2-1$
-3897633	G	$-9-8^*((76+5^4-3)^2-1)$	-4156316	P	$-((9+8)^7+6^5+4^3)^*(2^*1)$
-3899260	P	$(98-7)/-((-65-4)^3)^2-1$	-4156632	G	$(9^*8/7^6-6-54^3)/(-2^*1)$
-3900633	P	$-(90+8+(-7-654)^3)^2+1$	-4165047	P	$-(9-8^7-(-6+5)^4+3))^*2-1$
-3911329	G	$-9^8+(7+6+5^4)^3(3+2)-1$	-4170273	G	$-9-8^*((765-43)^2-1)$
-3919881	P	$-(9-87^*(-6-5)^4(3^2))^*1$	-4173578	G	$-9-(8^7-6^5*4/3)^*2-1$
-3928324	P	$-(9-8+(-7-654)^3)^2^*1$	-4175052	G	$-9-87^*(6^*((5^4)^3-2)+1)$
-3929185	P	$9^*8^*-7^*(6^5-4^*(3+2))-1$	-4175836	G	$-9-87^*(6^*(5^4)^3-2)-1$
-3942441	G	$-9*(8/((7+6)^5*4/3)^2+1)$	-4176184	P	$-(9-87^*(6^*(-5^4)^3-2))-1$
-3947364	P	$9^*8*(7^6+(-5^4)^3)/-(2^*1)$	-4178634	G	$-9-(8^7-6^5+4^3))^*2-1$
-3964089	P	$-(9+(8-(-7-654)^3)^2)+1$	-4178774	G	$-9-(8^7-6^5+4+3)^*2+1$
-3989097	G	$9^*(-8^*76*(5+4)^3-(2-1))$	-4178890	G	$-9-(8^7-6^5+4^3))^*2-1$
-4009273	G	$-9^8+(7^6+5)^4*(3^2-1)$	-4181235	P	$-(-(-9-8^7)-6543)^*2+1$
-4013912	P	$-(98/7)^6+(5^4*3)^2-1$	-4181248	G	$-9^*8^*7^6*5-4^4(3^2^*1)$
-4015342	G	$-9+(8-76)^*(5+4)^3(3+2)-1$	-4186778	G	$-9-(8^7-6^*(5^4+3))^*2-1$
-4020975	G	$-9-87^*(-6+(5^4)^3)^2-1$	-4186806	P	$-(-9-(-8^7-6^*-5^4+3))^*2+1$
-4023944	G	$-9+(8^7-((-6-5)^*-4)^3)^*-2+1$	-4186850	G	$-9+(-8^7-6^*(-5^4+3))^*2-1$
-4036080	P	$-(9-8^*7-654^*3)^2+1$	-4191720	G	$-9-(8^7-6^5(5-(4-3)))^*2+1$
-4036082	P	$-(9-8^*7-654^*3)^2-1$	-4192904	G	$-9-(8^7-6^5)^*4^3)^*2+1$
-4040100	P	$-(9-87^*(-65-4)/3)^2^*1$	-4193012	G	$-9-(8^7-654+3)^*2-1$
-4044122	P	$-(98-7-6^*-5^*4^3)^2-1$	-4193019	P	$-(-9+8^7-654)-3)^*2+1$
-4047066	P	$-(9/(8-7))^6-(5^4*3)^2^*1$	-4193080	P	$-(9-(-8^7-6-5^4+3))^*2)+1$
-4049952	G	$-9-(-8^*7+(6^5)^4*(3+2)-1)$	-4193216	G	$-9-(8^7-6-543)^*2-1$
-4050023	P	$-(9+8+7)+(6^5)^4*(3+2)+1$	-4193240	G	$-9-(8^7+6(6-543))^*2-1$
-4050286	G	$-9-8^7-(6-5+4)^3(3^2^*1)$	-4194590	G	$-9-(8^7+6^*(5^4+3))^*2-1$
-4058908	G	$-9-87^*(6^5(5+4-3)-2)-1$	-4194734	P	$-9-(8^7-6^5*(4+3))^*2-1$

-4195388	G	$-9-(8^7-6+543)*2-1$	-4246884	P	$9*8*(7^6-5/-4^3)/-(2*1)$
-4195412	G	$-9-(8^7+(6+543))*2-1$	-4251487	P	$(-9*(8-7))^{6+5}/4*32+1$
-4195421	P	$(-9+(8^7+6))-543)*2-1$	-4251554	P	$(-9+8*((7*(6+5)+4)^3+2))-1$
-4195556	P	$(-9+(8^7-6+(5^4+3))*2)+1$	-4254553	G	$9*8*(-7*6+(-5-4)^(3+2))-1$
-4195568	P	$(-9-(8^7-6-5^4+3)*2)+1$	-4256528	P	$((9/(8-7))^{6+5^4})^*(3^2-1)$
-4195577	G	$(-9-8^7-6-5^4+3)*2+1$	-4257756	P	$9*8*(-(7^6+5^4)+3)/(2*1)$
-4195616	G	$-9-(8^7+(654-3))*2-1$	-4257972	P	$9*8*(7^6+5^4+3)/-(2*1)$
-4195628	G	$-9-(8^7+(654+3))*2-1$	-4258768	G	$9*(8-7^6)+(-5*4)^(3+2)+1$
-4195720	G	$-9-(8^7+(6+5)*4^3)*2+1$	-4258824	G	$-9-8-7*((65*4^3)^2+1)$
-4195758	P	$(-9-(8^7+6-(5+4)^3)*2)+1$	-4259912	G	$-9*8+(-7-6)*5*4^(3^2-1)$
-4196894	P	$(-9+(8^7+6*5^4*3)*2)-1$	-4261790	P	$(-9-8*7)^*(-6*5-4^(3^2-1))$
-4196904	G	$-9+(-8^7-6^4(5-(4-3)))^2+1$	-4271364	P	$9*(8^7+6+(-5*4)^3)/-(2*1)$
-4201778	P	$-9+(-8^7-6*(-5^4+3))^2-1$	-4287624	G	$-9+(-8^7-6^4(5+4-3))^2+1$
-4201806	P	$(-9+(8^7+6*5^4-3)*2)+1$	-4297328	G	$-9*(8*(76+5)+43)^2+1$
-4201850	G	$-9-(8^7+6*(5^4+3))*2-1$	-4297330	G	$-9*(8*(76+5)+43)^2-1$
-4210722	P	$(9+8)-(76*(-5-4)^3)^2-1$	-4298554	P	$(9+8/7)^*(-654*3)^2-1$
-4212756	P	$9*8*(-(7^6-5^4)+3)/(2*1)$	-4303178	G	$-9-(8^7+6^5*(4+3))^2-1$
-4212972	P	$9*8*(7^6-5^4+3)/-(2*1)$	-4314096	G	$(9*8/7^{6+54^3})/(-2*1)$
-4215050	G	$-9-(8^7+6^5*4/3)*2-1$	-4315163	G	$-987*(6*(5+4)^3-2)+1$
-4218247	P	$(9*(-8^7-6*5^4(4+3))+2)+1$	-4319889	G	$-9-8*((-7-(6*5)^4/3)*2-1)$
-4220929	G	$9*(-8-7-(6+5)^4)*32-1$	-4323417	G	$98*(-7^6+5)/(4/3*(2*1))$
-4223588	P	$(-9-(8^7-(-6-5)^4+3)*2)+1$	-4346254	G	$-9-(8+7+6)^5-4^(3^2*1)$
-4223844	P	$9*8*(7^6-5/4^3)/-(2*1)$	-4350576	P	$(-9+(8^7+(6+5^4(4+3)))^2)-1$
-4227624	P	$9*8*(7^6-5*4^3)/-(2*1)$	-4364680	G	$-9-(8^7+(6+5)^4)^3)^2+1$
-4229532	P	$9*8*(7^6-54^3)/-(2*1)$	-4368100	P	$(-(-9-(8-7))*(6-5*43))^2*1$
-4231249	P	$(-9-8*(7-(65^4+3)))^2*1$	-4370626	G	$(9*-87+6)^5*4/3^2-1$
-4232538	G	$9*(-8*7^6+5^4+3)/(2*1)$	-4375346	G	$-9-8*7*(6+5^4(4+3))-2+1$
-4232550	G	$(9*(-8*7^6+5^4+3))/(2*1)$	-4376480	P	$(-9+8)-((7/((6+5)^4+3))^{2-1})$
-4232553	G	$(-9*(8*7^6-5^4)-3)/(2*1)$	-4390922	G	$-9-8^7*(6-(5/4)^3)^2-1$
-4232565	P	$9*(-(8*7^6-5^4)-3)/(2*1)$	-4404513	G	$-9-8*((7+6+(5+4)^3)^2-1)$
-4233240	P	$9*8*(7^6+5-4^3)/-(2*1)$	-4409245	G	$9*(8-(7*6^5+4)^3)^2-1$
-4233636	P	$9*8*(7^6-(5+4^3))/-(2*1)$	-4422625	P	$(-9+8)-((-76-5^4)^3)^2+1$
-4233924	P	$9*(8*7^6-5*4^3)/-(2*1)$	-4426817	P	$(-(-9+8-7)^*(65*4+3))^2-1$
-4234104	G	$9*8*(7^6-5*(4+3))/(-2*1)$	-4438126	G	$(9*-87-6)/5^4-4*3^2-1$
-4234392	P	$9*8*(7^6+(-5-4)^3)/-(2*1)$	-4443861	G	$(-9-8*7^6)^5*4^3(3^2*1)$
-4234536	P	$9*8*(-(7^6-5^4)+3)/(-2*1)$	-4455430	G	$9*((8-(7+6)^5)^4*3-2+1)$
-4234635	G	$9*(-8/7^6-6+54^3)/(2*1)$	-4470561	G	$98+7^6*(5-4^3)+2+1$
-4235100	P	$(-9*(8-7^6)+5)^4-3-2+1$	-4470587	G	$9*8+7^6*(5-4^3)+2+1$
-4235124	G	$9*8*(7^6-5*4/3)/(-2*1)$	-4470589	G	$9*8+7^6*(5-4^3)+2-1$
-4235136	G	$9*-8*(7^6-5-4/3)/(2*1)$	-4470591	G	$9*8+7^6*(5-4^3)-2+1$
-4235178	G	$-9*(-8*(-7^6+5)-4/3)/(2*1)$	-4470593	G	$9*8+7^6*(5-4^3)-2-1$
-4235190	G	$(9*8*(-7^6+5)-4*3)/(2*1)$	-4477418	P	$-9+8*(-(7-6*5)^4+3)^2-1$
-4235334	G	$(9*8*7^6-5*4^3)/(-2*1)$	-4478846	G	$(9+8*(7-6^4(-5+4^3)))^2*1$
-4235358	P	$(9-8/(7^6-6/-(-5-4)+3))/2*1$	-4478882	G	$(-9+8*(7-6^4(-5+4^3)))^2*1$
-4235370	G	$(9*8*7^6+5+4+3)/(-2*1)$	-4478990	G	$-9-(8+(7+65)^4/3)/2-1$
-4235538	P	$(9*8*(7^6+5)-4*3)/(-2*1)$	-4479070	G	$(9-8*(7+6^4(-5-4^3)))^2*1$
-4235550	G	$9*(-8*(7^6+5)-4/3)/(2*1)$	-4479106	G	$(-9-8*(7+6^4(-5+4^3)))^2*1$
-4235592	P	$9*8*(-(7^6+5+4/3))/(-2*1)$	-4486005	G	$-9-876*(5^4(3+2)+1)$
-4235604	G	$9*8*(7^6-5*-4/3)/(-2*1)$	-4487801	P	$(-9-8)-76*((5+4)^(3+2)+1)$
-4235623	P	$(9*(-8-7^6)+5)^4+3^4-(-2*1)$	-4487817	P	$(-9+8)-76*((5+4)^(3+2)+1)$
-4235629	P	$(9*(-8-7^6)+5)^4+3^4-(-2+1)$	-4488768	G	$-9/8^7-7+6^5*(4^3+2)+1$
-4235632	G	$(9*(-8-7^6)+5)^4+3-(-2+1)$	-4489509	G	$-9-876*5*(4^4(3+2)+1)$
-4235662	G	$(-9*(-8-7^6)+5)^4+3^2+1$	-4490161	P	$(-98+(7^6-6-5)^4)^2*1$
-4235675	P	$(-9*(-8-7^6)+5)^4-3^4-(-2+1)$	-4501872	G	$(9+8+7+6+5)^4*3-2+1$
-4235676	P	$(-9*(-8-7^6)+5)^4-3-2+1$	-4501876	P	$(9*((8-7+6)^5)^4+3)/(-2+1)$
-4236192	G	$9*8*(7^6+5*4+3)/(-2*1)$	-4523364	P	$9*8*(7^6-(-5*4)^3)/(-2*1)$
-4236336	P	$9*8*(7^6-(-5-4)^3)/(-2*1)$	-4540870	P	$9*(-(8+7^6+5(5^4-3)^2)-1)$
-4236732	P	$9*8*(7^6-(5-4^3))/(-2*1)$	-4554762	G	$-9-8^7*((6+5)^4-3+2)-1$
-4237092	P	$9*8*(7^6+5+4^3)/(-2*1)$	-4574306	G	$-9+(((8-7^6)^5+4)^3-2)+1$
-4237488	P	$9*8*(7^6-(5-4^3))/(-2*1)$	-4575320	P	$-9+(-(8+7^6+5)^4+3)/2*1$
-4237524	P	$9*8*(7^6-5*-4^3)/(-2*1)$	-4582922	G	$-9-8^7*(6-(5/4)^(3^2))-1$
-4238163	G	$9*(-8*7^6-5^4+3)/(2*1)$	-4588182	P	$(-9+8)-(7^6*(54-3))^2-1$
-4238175	G	$(9*(-8*7^6-5^4)+3)/(2*1)$	-4592449	P	$(-9+8-7^6*(54-3))^2*1$
-4238178	P	$(-9*(-8*7^6-5^4)+3)/(-2*1)$	-4599152	P	$(-9+(8+7*(65+4)^3)^2)-1$
-4238190	G	$9*(-8/7^6-6-(5^4+3))/(-2*1)$	-4609530	G	$-9-87^6(-6-(-5-4))^3(3^2+1)$
-4240944	G	$-9-(8^7+(6^5-4)^3)*2+1$	-4613738	P	$(9+8^7*(6+5)+4)/(-3+2)-1$
-4240992	G	$-9-(8^7+(6^5+4)^3)*2+1$	-4626737	P	$(-9+8)-7^6*5*(4^3+2)-1$
-4241196	P	$9*8*(7^6+54^3)/(-2*1)$	-4653411	G	$(-9-(8*7+6))*5(4^3(3^2-1))$
-4243104	P	$9*8*(7^6+5*4^3)/(-2*1)$	-4667560	P	$(-9+8-(7^6)^5/(4-3^2))+1$
-4243600	P	$(-9+8*(7-6-5)^4+3)^2*1$	-4668523	G	$(9+8)*(7-65^4(4-(3-2))-1)$

-4669569	P	$-9+8*(-(765-(4-3))^{2+1})$	-4941220	G	$-9+(8-7^{(6+5-4)})^{*3*2-1}$
-4680474	G	$-9+(8-7^6)^5*43^2-1$	-4941232	G	$9+(8-7^{(6+5-4)^3})^{*2+1}$
-4680570	G	$-9^{(8-7+6)}+(5^4)^3)^{2-1}$	-4943952	G	$9^{*}(-8^{*7^6-54^3})/(2^{*1})$
-4681257	G	$-9-8^{*}(6^{*5}4^{*3}2^{*1})$	-4952199	G	$-9-8^{*}(76^{*5}4^{*4}(3^{*2}-1))$
-4695889	P	$-(98-7^{*6}5^{*4}3)^{2*1}$	-4978124	G	$(-9-876)^{*5^4/3^2+1}$
-4697758	G	$9-8^{*}(7^6*5-4^{(3+2)})+1$	-4978394	G	$-9^8+(7+65^4)^{3^2+1}$
-4697760	G	$9-8^{*}(7^6*5-4^{(3+2)})-1$	-4995903	G	$(9+8-7)^{6^*}5+4^{(3^2)+1}$
-4705644	P	$-(9-((8-7^6)^5*4+3)^2)-1$	-4998975	P	$-(9+8-7)^{6^*}5+4^{(3+2)+1}$
-4705713	G	$(-9-(-8+7^6)^5)/4^{*3}2-1$	-4999808	G	$(9+8-7)^{6^*}5+4^{*3}(2+1)$
-4705717	G	$((-9+(8-7^6)^5)^4-3)^{*2+1}$	-5000027	G	$(9+8-7)^{6^*}5+4-32+1$
-4705726	G	$9-8^{*}(7^6*5+4-32)+1$	-5000029	G	$(9+8-7)^{6^*}5+4-32-1$
-4705728	G	$9-8^{*}(7^6*5+4-32)-1$	-5000035	G	$(9+8-7)^{6^*}5+4-32+1$
-4705770	G	$(9-8^{*7^6})^5+(4^3)^{2+1}$	-5000037	G	$(9+8-7)^{6^*}5-4-32-1$
-4705825	P	$(9-8^{*}(-7^6+5)+4)^{*}-(3+2)^{*}1$	-5000044	G	$(9+8-7)^{6^*}5-43-2+1$
-4705838	G	$9-8^{*}(7^6*5-4^3-2)+1$	-5000046	G	$(9+8-7)^{6^*}5-43-2-1$
-4705852	G	$(9-8^{*7^6})^5+4^3-2+1$	-5001023	P	$-(9+8-7)^{6^*}5+4^{(3+2)+1}$
-4705854	G	$(9-8^{*7^6})^5+4^3-2-1$	-5029476	P	$-((-9-8)+(7+6)^{*}-(5^4+3)^{2-1})$
-4705976	G	$9-8^{*}7^6*5-4^{*3}2-1$	-5029496	P	$-(9+8)+(-7-6)^{*}((-5^4+3)^{2-1})$
-4706096	G	$(9-8^{*}(7^6+5)+4)^{*}(3+2)-1$	-5029504	P	$-((-9+8)+(7+6)^{*}(-5^4+3)^{2-1})$
-4706114	G	$(9-8^{*}(7^6+5))^*(4+3-2)+1$	-5029509	P	$-9-8+(7+6)^{*}(-5^4+3)^{2*1}$
-4706174	G	$9-8^{*}(7^6*5-4+32)+1$	-5031049	P	$-(9^{*}(-8-7^6)^5+4+3)^{2*1}$
-4706225	P	$((-9+8^{*}(7^6+5))-4)^{*}(3+2^{*}1)$	-5038712	G	$9^{*}(8+7-6^{(4-5+4^3)})^{*2+1}$
-4706239	G	$9+((-8-7^6)^5+4)^{*}(3^2-1)$	-5038714	G	$9^{*}(8+7-6^{(4-5+4^3)})^{*2}-1$
-4706290	G	$-9+(-8-7^6)^5/4^{*3}2-1$	-5038923	G	$-9^{*}8-(7+6^{(5+4-3)})/2-1$
-4706294	P	$-(9+((-8-7^6)^5*-4+3)^2)+1$	-5039997	G	$(-98-7)^6/(5^4)^{-3+2+1}$
-4706312	G	$9^{*}((-8-7^6)^5+4)^{*}(3^2-2-1)$	-5044517	P	$-((-9+8-7^{*}(-6^{*}54+3))^{2-1})$
-4714142	G	$9-8^{*}(7^6*5+4^{(3+2)})+1$	-5045108	G	$-9^8(8-7+6)+5-4^{(3^2*1)}$
-4714144	G	$9-8^{*}(7^6*5+4^{(3+2)})-1$	-5049027	P	$-(9+8)-(-7^{*}(-6^{*}54+3))^{2-1}$
-4723854	G	$-9+(8+7)^{*}(6-54^3*2-1)$	-5058689	G	$9-8-(7^6-5)^{*}43+2^{*}1$
-4735418	P	$-(9+8^{*}(6^5*(4+3)-2))+1$	-5058690	G	$9-8-(7^6-5)^{*}43+2-1$
-4735768	P	$(9+8^{*}(6^5*(4+3)+2))-1$	-5058766	G	$(9+(8-7^6-5)^{*}43)+2+1$
-4757381	P	$(9+8)^{*}-((7-6^5)^4+3+2)+1$	-5058788	G	$-9-((-8+7^6+5)^{*}43-2+1)$
-4761124	P	$-((-9-8-7^6)/54+3)^{2*1}$	-5059123	G	$((-9+8)^{*}7^6-5)^{*}43-2+1$
-4766968	G	$-9^8(8-7+6)+(5^4)^3*2+1$	-5067001	P	$-((-9^{*}(-8-7^6)^5+4-3)^{2*1})$
-4767345	G	$-9^8(8-7+6)+5^4(4^3/2)-1$	-5072192	G	$-98^{*}7^6*5+4^{(3^2*1)}$
-4770424	G	$9-8^{*}7^{*}(((6+5)^4)^3+2)+1$	-5078386	G	$(-9-8^{*}7)^{*}(6+(5^4(4+3)-2))-1$
-4770880	P	$(9^8-(7^6+5)^4)/(-3^2-1)$	-5112972	G	$(9+8)^{*}(-76+5+4)^3-2+1$
-4774966	G	$-9^8(8-7+6)+((5^4)^3+2+1)$	-5112974	G	$(9+8)^{*}(-76+5+4)^3-2-1$
-4774968	G	$-9^8(8-7+6)+((5^4)^3+2-1)$	-5126996	P	$-(9+8)-(-7+6)^{*}((5^4+3)^{2-1})$
-4778596	P	$-((-9+8765)/4-3)^{2*1}$	-5131814	G	$-9-(8^8+7^6*5^4(4+3))^2-1$
-4782439	G	$-9^8(8-7+6)+(5^4+3)^{2+1}$	-5146570	P	$(9^8-(7+6^5)^4)/(-3^2-1)$
-4782441	G	$-9^8(8-7+6)+(5^4+3)^{2-1}$	-5148361	P	$-((9^8+7+6^5(5-4))^3)^{2*1}$
-4782484	P	$-(9^8(8-(7-6))-54/3^2)-1$	-5153489	P	$-(98-76)^5+(4^3)^2-1$
-4783173	G	$-9^8(8-(7-6))-5^{*}(43-2)+1$	-5176572	G	$-9-8+7^6*5^{*}(5-(4-3)^2)+1$
-4783193	G	$-9^8(8-(7-6))-5^{*}(43+2)+1$	-5177423	P	$(9^{*}8+7)^{*}-(6-(5-4^{(3^2-1)}))$
-4783238	G	$-9^8(8-(7-6))-54^{*}(3+2)+1$	-5178213	P	$(9^{*}8+7)^{*}-(6+5+4^{(3^2-1)})$
-4783454	G	$-9^8(8-7+6)-54^{*}3^2+1$	-5179714	G	$(9^{*}8+7)^{*}(-6^5-4^{(3^2-1)})$
-4783456	G	$-9^8(8-7+6)-54^{*}3^2-1$	-5182479	P	$(9^{*}8+7)^{*}-(6+5+4^{(3^2-1)})$
-4783690	G	$-9^8(8-7+6)-5^{*}(4^3)^2-1$	-5184728	G	$-9^{*}((8+76)^{*}(5+4)+3)^{2+1}$
-4784128	G	$(-9-8^{*}(7+6-5))^4(3^2-1)$	-5184730	G	$-9^{*}((8+76)^{*}(5+4)+3)^{2-1}$
-4788400	G	$-9^8(8-7+6)-5432+1$	-5186955	G	$(-9^8-7^{*}6)^5/4+3/(2^{*1})$
-4788402	G	$-9^8(8-7+6)-5432-1$	-5186958	P	$(9^8-(7^6)^5/4+3)/(-2^{*1})$
-4790966	G	$-9^8(8-7+6)-(5^4)^3+2+1$	-5198128	G	$-9-(8+(7+6)^5*(4+3))^2-1$
-4790968	G	$-9^8(8-7+6)-(5^4)^3+2-1$	-5224403	G	$-9876^{*}(5^4+3)^2+1$
-4798595	G	$-9^8(8-7+6)-5^4(4^3/2)-1$	-5225368	G	$-9-8^{*}7^{*}(6^5*4^3-2)+1$
-4804864	P	$-((-9+8765)/4-3)^{2*1}$	-5239539	P	$-(9+8)-(-7^{*}(6^{*}54+3))^{2-1}$
-4823947	G	$-9+(-8-7^6)^{*}(5-4^{*}3^2)-1$	-5244101	P	$-((-9+8-7^{*}(6^{*}54+3))^{2-1})$
-4835600	G	$-9^{*}(8-(7+6)^{*}(54+3))^{2+1}$	-5252577	G	$(9^8-((-7-6)^5)^4*3)/(2^{*1})$
-4835602	G	$-9^{*}(8-(7+6)^{*}(54+3))^{2-1}$	-5257849	P	$-((-9^{*}(-8-7^6)^5+4+3)^{2*1})$
-4840287	G	$(-9/(8-(7-6)))^{5-4+3}2+1$	-5259722	G	$-987^{*}(6^5+43)^{2+1}$
-4859486	G	$-9+(-87+(6^5)^4)^{*}3^2+1$	-5264999	G	$9^{*}8^{*}(-7-6)^5*4^3*2+1$
-4862801	G	$-9-8^{*}(76^{*}((5^4)^3-2)+1)$	-5265001	G	$9^{*}8^{*}(-7-6)^5*4^3*2-1$
-4864026	P	$-(9-8^{*}(76^{*}(-5^4)^3-2))-1$	-5271616	P	$-((98-7^{*}(6-5^4)^3))^{2*1}$
-4899999	P	$-(9+(8-7)^6)^5*(4+3)^{2+1}$	-5277492	G	$9^{*}(8-7^6*5+43^2(2^{*1}))$
-4917247	G	$(98-7^6*5)^4/-32+1$	-5277636	G	$-9^{*}(8+7^6*5-43^2(2^{*1}))$
-4917249	G	$(98-7^6*5)^4/-32-1$	-5285348	G	$9^{*}((-8-7^6)^5+4^{(3+2)})+1$
-4927524	G	$-9^{*}(876^5*4+3)+2+1$	-5285409	P	$-((9+(8+(-765-4)^3)^2)+1)$
-4927531	G	$-9^{*}876^5*4-32+1$	-5291997	G	$9^{*}(8-7^6)^5+43^2-1$
-4927533	G	$-9^{*}876^5*4-32-1$	-5293359	G	$(98-7^6*5-4)^3*2^{*}1$
-4934464	P	$-((9+8-7)^6*5+4^{(3^2-1)})$	-5293542	G	$9^{*}(-8-7^6)^5+4^{(3+2)}-1$

-5293702	G	$-9^*(-8+7^6)^5+ (4^3)^2-1$	-5626081	P	$9^*8^* - (7+6+5^{\wedge} - (-4-3)+2) -1$
-5294143	G	$98- (7^6*5+4)^3*2^1$	-5628169	P	$9^*8^* - (-(-7^*6-5^{\wedge}(4+3))+2) -1$
-5294152	G	$9+8- (7^6*5-4)^3^{\wedge}(2^*1)$	-5635877	P	$- (9+ (8^*7-6+5)^*4^3)^2-1$
-5294177	G	$9^* ((-8-7^{\wedge}6)^5+43)+2-1$	-5643402	G	$9^* (-8^*7^{\wedge}6+5^{\wedge}4)/3^*(2^*1)$
-5294213	P	$9^* (-((-8+7^{\wedge}6)^5+43)+2)+1$	-5644542	G	$(9-8^*(7^{\wedge}6-54)^3)^2*1$
-5294224	G	$9+8- (7^6*5+4)^3^{\wedge}(2^*1)$	-5644560	G	$9^*8^* (-7^{\wedge}6+54)/(3/2^*1)$
-5294240	G	$9^*((-8-7^{\wedge}6)^5+4+32)+1$	-5646174	G	$(9-8^*(7^{\wedge}6-5^*4)^3)^2*1$
-5294287	G	$9^*((-8-7^{\wedge}6)^5- (4+3)^2)-1$	-5646192	P	$9^*8^*(7^{\wedge}6-5^*4)/- (3/2^*1)$
-5294304	G	$9- (8+7^{\wedge}6*5+4)^3^{\wedge}(2^*1)$	-5646701	G	$(9-8^*(7^{\wedge}6-5-4)^3)^2+1$
-5294309	G	$9^*(-8-7^{\wedge}6)^5+4^{\wedge}(3+2-1)$	-5646702	G	$(9-8^*(7^{\wedge}6-5-4)^3)^2*1$
-5294321	G	$(9^*(-8-7^{\wedge}6+5)+4)^*(3+2)-1$	-5646720	P	$9^*8^*(7^{\wedge}6-5-4)/- (3/2^*1)$
-5294447	G	$9^*((-8-7^{\wedge}6)^5+4+3^2)+1$	-5646819	G	$9- (8^*7^{\wedge}6-54)^3*2^1$
-5294517	G	$9^*(-8-7^{\wedge}6)^5+ (-4-3)^2-1$	-5646828	G	$9^*(-8/7^{\wedge}-6+54)/3^*(2^*1)$
-5294632	P	$9^*(-(8+7^{\wedge}6)^5-4)-32+1$	-5646936	G	$-9^*(-8^*(-7^{\wedge}6+5)+4)/(3/2^*1)$
-5294652	G	$9^*(-8-7^{\wedge}6)^5-43^2-1$	-5647032	G	$9^*(-8^*7^{\wedge}6+5^*4)/3^*(2^*1)$
-5294692	G	$9^*(-8-7^{\wedge}6)^5-4^*32+1$	-5647057	G	$98-7^{\wedge}6^*(5+43)-2-1$
-5294718	G	$-9^*(8+7^{\wedge}6*5+ (4+3)^{\wedge}(2^*1))$	-5647089	G	$9- (8^*7^{\wedge}6-5-4)^3*2^1$
-5294933	G	$((-9- (8+7^{\wedge}6)^5+4)^3)^2+1$	-5647116	G	$(-9^*8^*7^{\wedge}6+54)/(3/2^*1)$
-5295051	P	$- (98+7^{\wedge}6*5-4)^3^{\wedge}(2^*1)$	-5647137	G	$9+8-7^{\wedge}6^*(5+43)-2^1$
-5298578	G	$((-98-7^{\wedge}6)^5+4)^3^{\wedge}2+1$	-5647188	G	$(9^*8^*7^{\wedge}6+54)/(-3/2^*1)$
-5304841	P	$- (98^*7^*- (-6^{\wedge}5+43)+2)-1$	-5647225	G	$9^*-8-7^{\wedge}6^*(54-3^2)-1$
-5308353	G	$9^*(8- ((7- (6+5))^{\wedge}4)^3)^2-1$	-5647272	G	$9^*(-8^*7^{\wedge}6-5^*4)/3^*(2^*1)$
-5308411	G	$9- ((8^*(7-6+5))^{\wedge}4+3+2-1)$	-5647467	G	$9- (8^*7^{\wedge}6+54)^3*2^1$
-5308479	G	$-9^*(8+ ((7- (6+5))^{\wedge}4)^3)^2-1$	-5647476	G	$-9^*(8^*7^{\wedge}6+54)/(-3/2^*1)$
-5310774	G	$9^*(8-7^{\wedge}6*5-43^{\wedge}(2^*1))$	-5647566	G	$(9-8^*(7^{\wedge}6+5+4)^3)^2*1$
-5310918	G	$-9^*(8+7^{\wedge}6*5+43^{\wedge}(2^*1))$	-5647584	P	$9^*8^*(7^{\wedge}6- (-5-4))/- (3/2^*1)$
-5312646	G	$-9+ (-8+76)^*(-5^{\wedge}(4+3)-2)-1$	-5648094	G	$(9-8^*(7^{\wedge}6+5^*4)^3)^2*1$
-5315633	P	$- (9-8)-7^*((6+ (5+4))^{\wedge}(3+2)+1)$	-5648112	P	$9^*8^*(7^{\wedge}6+5^*4)/(-3/2^*1)$
-5331301	G	$98^*(-7^*(6^{\wedge}5-4)+3)-2-1$	-5649726	G	$(9-8^*(7^{\wedge}6+54)^3)^2*1$
-5331590	G	$98^*7^*(-6^{\wedge}5+4)+3-2+1$	-5649744	P	$9^*8^*(7^{\wedge}6+54)/- (3/2^*1)$
-5331625	P	$- (98^*7^*- (-6^{\wedge}5+4)+32)-1$	-5650902	G	$9^*(-8^*7^{\wedge}6-5^*4)/3^*(2^*1)$
-5334212	G	$98^*7^*-6^{\wedge}5+4^*(32-1)$	-5658259	G	$(9+8+ (7-65)^{\wedge}4+3)/-2-1$
-5336491	G	$98^*(-7^*(6^{\wedge}5+4)+3^2)+1$	-5660938	G	$-9-8^*7^{\wedge}6^5*(4+3^2)-1$
-5337072	P	$98^*7^*- (6^{\wedge}5+4)+3^2-1$	-5663840	G	$(-98+7)^*(6^{\wedge}5+4)^*(3^{\wedge}2-1)$
-5345345	G	$(9+8)^*(-7- (65-4))^{\wedge}3-2+1$	-5667285	G	$-9-8^{\wedge}7-65^{\wedge}4/(3+2)+1$
-5345347	G	$(9+8)^*(-7- (65-4))^{\wedge}3-2-1$	-5669800	G	$-9-8-7^*((6^{\wedge}5)^{\wedge}4-32+1)$
-5345860	P	$(9^{\wedge}8- (7-6^*5)^{\wedge}4)/- (3^{\wedge}2-1)$	-5670129	G	$-98-7/(6^*5)^{\wedge}4-32+1$
-5353887	G	$-9+ (8-7^{\wedge}6)^*(54^{\wedge}3+2+1)$	-5670234	P	$-9- (8-7^*((-6^*5)^{\wedge}4-32+1))$
-5354596	P	$- (-9^*(-8-7^{\wedge}6)^5+4^3)^2*1$	-5670297	P	$-9^*8-7^*((-6^*5)^{\wedge}4-32)-1$
-5354705	G	$-9-8^*((-7-6^{\wedge}5)^5-43^2-1)$	-5677152	G	$9^*8^*(7^{\wedge}6+5^*4)/(-3/2^*1)$
-5359233	P	$- (9+ (8- (-765-4)^3)^2)+1$	-5697777	P	$- (9+ ((8^*7^*6+5)^*(4+3))^2)+1$
-5360101	G	$9^*(-8-7^{\wedge}6)^5-4^{\wedge}(3^2-1)$	-5715384	G	$-9- (8+7)^*(6^{\wedge}5*(4+3)^2+1)$
-5368497	P	$- (9+ ((8^*7^*-6+5)^*(4+3))^2)+1$	-5718578	G	$-9-87/6^*(5^{\wedge}4+3)^2-1$
-5386228	P	$- (9^{\wedge}8-7^{\wedge}6)^*(6^{\wedge}(5-4)+3)^2(2^*1)$	-5731254	P	$- (9+8)- (7^*6^*(54+3))^2-1$
-5391755	G	$9^*(-8- ((-7-6-5)^*43)^2)+1$	-5731951	P	$- (9^*8^*(6+5)^{\wedge}4-3)/2-1$
-5412112	G	$-9+ (87^*6^{\wedge}5*4+3)^*-2-1$	-5736024	P	$- (9-8-7^*-6^*(54+3))^{\wedge}2+1$
-5412192	G	$-9-87^*(6^{\wedge}5/4^3+1)$	-5747417	G	$-9^*(876^*(5+4)^3-2)+1$
-5412232	G	$-9+ (-8-7^{\wedge}6)^*(5^{\wedge}4+3)^2-1$	-5763814	G	$987- (6+5-4)^{\wedge}(3^2-1)$
-5488863	G	$(-9^{\wedge}8-7^{\wedge}6*54)/3^2*1$	-5764297	G	$9^*8^*7- (6+5-4)^{\wedge}(3^2-1)$
-5492115	P	$98^*7^*- (6- (-5^*4)^3)- (-2+1)$	-5764524	P	$(-98^*(-7^{\wedge}6+5)-4^3)/- (2^*1)$
-5535997	G	$(98^*-7-6)^*(5^*4)^3+2+1$	-5764572	P	$- (9+8)+ (7^{\wedge}6-5)/- (-4-3)^{\wedge}-2+1$
-5546946	G	$(-9- (8^*7+6))^*(5^{\wedge}(4+3)+2-1)$	-5764627	G	$-9^*8+ (-7^{\wedge}6+5)^*(-4-3)^{\wedge}2+1$
-5550737	P	$- (9- (8^*7-6+5)^*43)^2-1$	-5764641	G	$(-98^*7^{\wedge}6+5^*4^3)/(2^*1)$
-5553144	G	$9-8^{\wedge}7+ (6^*5^*-4)^3*2-1$	-5764836	G	$-98^*(7^{\wedge}6+5/(4+3))/(2^*1)$
-5579044	P	$- ((98^*7-6^{\wedge}5+4)/3)^2*1$	-5765040	G	$(-98^*(7^{\wedge}6+5)+4^3)/(2^*1)$
-5584654	G	$(9+8)^*((-7-6)^5-4)^3-2+1$	-5765052	G	$(-98^*(7^{\wedge}6+5)-4^3)/(2^*1)$
-5584656	G	$(9+8)^*((-7-6)^5-4)^3-2-1$	-5765112	G	$(-98^*7^{\wedge}6-5^{\wedge}4+3)/(2^*1)$
-5585624	G	$(-987-6)^5^{\wedge}4/3^{\wedge}2+1$	-5765115	G	$(-98^*7^{\wedge}6-5^{\wedge}4-3)/(2^*1)$
-5592240	G	$-9+ (-8^{\wedge}7+65)^*4/3^2+1$	-5765305	G	$-9^*8^*7- (6+5-4)^{\wedge}(3^2-1)$
-5592416	P	$- (8- (8^*7+6)+5)^*4/3^2+1$	-5765788	G	$-987- (6+5-4)^{\wedge}(3^2-1)$
-5596480	G	$-98^*7^*6^{\wedge}5-4^{\wedge}(3^2*1)$	-5767187	P	$- (9-8^{\wedge}7^*(-6-5)/4)-3^2-1$
-5606450	P	$- (9+ (87+6^*(5+4))^3)^2+1$	-5774321	P	$- (9^*(8-7))^{\wedge}6-5^*4^{\wedge}(3^2+1)$
-5607440	P	$- (9+8)- ((7+6^*5)^*4^3)^2-1$	-5780481	G	$-98^*(7^{\wedge}6+5^*4^3)/(2^*1)$
-5609828	G	$-9-87/6^*(-5^{\wedge}4+3)^2-1$	-5790816	G	$-9-87^*(65^{\wedge}4^{\wedge}(3+2)+1)$
-5616899	P	$- ((9^*87+6+5-4)^3)^2+1$	-5790919	P	$98^*(-7^*6- (5+4)^{\wedge}- (-3-2))-1$
-5617152	G	$9^*8^*(7^{\wedge}6-5^{\wedge}4)/-3^*(2^*1)$	-5796384	G	$-9-87^*65^*(4^{\wedge}(3+2)+1)$
-5625074	P	$- (9^*8^*(7-6+5^{\wedge}(4+3))^2)^*1$	-5808099	P	$- (9+ (8-7+6)^{\wedge}5/(4+3))^2+1$
-5625217	P	$9^*8^*- (7- (6-5^{\wedge}- (-4-3))^2)-1$	-5808101	P	$- (9+ (8-7+6)^{\wedge}5/(4+3))^2-1$
-5625937	P	$- (9^*8^*(7+6+5^{\wedge}(4+3))^2)+1$	-5812922	P	$- (9+8-7^*-6^*(54+3))^2-1$
-5625938	P	$- (9^*8^*(7+6+5^{\wedge}(4+3))^2)^*1$	-5826464	G	$-9^*8^*7^{\wedge}6^5+4^{\wedge}(3^2*1)$

-5864641	G	$-9 \cdot 8^7 \cdot (6^5/4-3)^2+1$	-6353092	G	$(-9+8-7^6)^*54+3^2-1$
-5872446	G	$9^*(87^*-6^*5^4+3)^*2^*1$	-6353153	G	$(9^*(-8-7^6)+54)^*3^*2+1$
-5872554	G	$9^*(87^*-6^*5^4-3)^*2^*1$	-6353494	G	$-9-(8+7^6)^*54-3^*2-1$
-5882353	G	$98-7^6*(5+43+2)-1$	-6353956	G	$(-9-(8+7^6))^*54+3^2-1$
-5887969	G	$-9 \cdot 8^7 \cdot (6^5/4+3)^2+1$	-6356926	P	$-((9^*8+7^6)^*54-3^2)-1$
-5937599	G	$-98-76^*5^4(4+3)-2+1$	-6358330	G	$(-98-7^6)^*54+3^2-1$
-5937601	G	$-98-76^*5^4(4+3)-2-1$	-6384778	G	$-9-(8^7+6^5)^*4^3-2+1$
-5937745	G	$-9-8 \cdot 76^*(5^4(4+3)+2+1)$	-6405334	G	$(98^*7^6*5-4)^*-3^*-2^*1$
-5937751	G	$-98-76^*(5^4(4+3)+2)-1$	-6405335	G	$(98^*7^6*5-4)^*-3^*-2-1$
-5937800	G	$-9^*8-76^*(5^4(4+3)+2+1)$	-6406806	P	$(9^8-(7+6^4(5+4))^*3)/(-2^*1)$
-5937826	G	$-98-76^*(5^4(4+3)+2+1)$	-6406813	G	$(9^8-7-6^4(5+4)^*3)/(-2^*1)$
-5940610	P	$-(9+(8^*(7+6)^5-43)^*2)+1$	-6406820	G	$(9^8+7-6^4(5+4)^*3)/(-2^*1)$
-5972064	G	$(-9-87)^*(6^5/4^*32+1)$	-6406827	P	$(9^8+(7-6^4(5+4))^*3)/(-2^*1)$
-5983648	G	$-9-8-76^*54^3/2+1$	-6431287	G	$-9^*((8^*(-7+6^*54)/3)^2-1)$
-5983650	G	$-9-8-76^*54^3/2-1$	-6466850	P	$-(98^*7+(-6+5^4)^*3)^2-1$
-5997600	P	$-(9-8^*(7^*(6-5)^*4+3))^2+1$	-6469633	G	$(9-87)/(6^*(-5-43))^2-1$
-5999937	P	$-((9+8)^*7^6-54)^*3^2(2-1)$	-6480026	G	$((-9+8-7)^*((6^*5)^4+3)-2)^*1$
-6000025	G	$9^*8-7^6*(54-3)^*2^*1$	-6480090	G	$-9-8^*(7+(6^*5)^4+3)-2+1$
-6002720	G	$-9^8+(7^*(6+54))^3/2+1$	-6480098	G	$-9-(-8^*(-7-(6^*5)^4)+32)-1$
-6015856	G	$(-9-8-76)^*(5^4(4+3)+2+1)$	-6480106	G	$-9-8^*(7+(6^*5)^4+3+2)-1$
-6029105	G	$(9-8^4(7-(6-5)))^*(4^*3^2-1)$	-6485409	G	$-9/8^*(7+((6+5)-4)^{(3^2-1)})$
-6029329	P	$-9-(8+(-7+6^*5)^4^4-(-3^2)^*1)$	-6522916	P	$-(9/((-8-7654)^3))^2-1$
-6029334	G	$-9-(8+7)^*((6+5^4+3)^2-1)$	-6531315	G	$(-98-7)^*((6^5+4-3)^*2+1)$
-6056521	P	$-(9+8-7^6*(5-4^3))^2+1$	-6531945	G	$(-98-7)^*(6^5/4^*32+1)$
-6084511	G	$-9^*87^*6^5+4^4(3^2)+1$	-6543364	P	$-(9-87^*6^5+43)^2+1$
-6088259	P	$9^*87^*(6^5-4^3)^2+1$	-6562459	P	$-(9-8)-7^*6^*(5^4(4+3)^2-1)$
-6091024	P	$-((-9-8^*76)^*(5-4+3))^2+1$	-6562599	G	$-98-7^*6^*5^4(4+3)^2-1$
-6091685	G	$9^*(87^*(6^5+4)+3^2)+1$	-6578319	P	$(9+8)^*(-76+(-5^4+3)^2)+1$
-6118174	G	$-9+(-8-7^6)^*(5^4+32)-1$	-6581240	G	$(9/-8-7)^*(6^*5)^4+3^2+1$
-6120000	G	$9^*(8-7^6)/(5^4-4/(32^*1))$	-6587768	G	$(9^*8-7^6(6+5-4))^*(3^2-1)$
-6130576	P	$-((98^*76-5^4)/3)^2+1$	-6588096	P	$-(9+8^*(7^4(6+5-4)-32))^2+1$
-6145441	P	$-(9-8-7^6*(5-4^3))^2+1$	-6588208	G	$(9+8-7^6(6+5-4))^*(3^2-1)$
-6156801	G	$-98^*(7^6+5^4)^3/(2^*1)$	-6588249	P	$-((-9-8^*-7^6-5)^*(4+3)+2)-1$
-6172352	P	$(9^*8+7)^*(6+5^4(4+3))-2-1$	-6588273	G	$-9-8^*(7^4(6+5-4)-3^2-1)$
-6172586	G	$(9^*8+7)^*(6+5^4(4+3)+2+1)$	-6588394	G	$-9-8^*(7^4(6+5-4)+3+2)-1$
-6182922	P	$-9-8^*7^*(6-(5/4)^{(3+2))}-1$	-6588417	G	$-9-8^*(7^4(6+5-4)+3^2-1)$
-6193050	G	$-9+8^*7^*(6-54)^3+2-1$	-6588441	G	$(-9-8^*7^6-5)^*(4+3)+2-1$
-6198154	G	$-9-(8^7-6^5)^*3-2+1$	-6588480	G	$(9+8+7^6(6+5-4))^*(-3^2+1)$
-6223195	G	$(98-(7^6)^{(5-4+3))^2+1$	-6588610	P	$-(9+8^*(7^4(6+5-4)+32))-1$
-6223247	G	$(9-8-(7^6)^{(5-4+3))^2+1$	-6588617	P	$-9-8^*(-(-7^6(6+5-4)-32)+1)$
-6223295	P	$-((-98+(7^6)^{(5-(4-3))^2}-1)$	-6588920	G	$(-9^*8-7^6(6+5-4))^*(3^2-1)$
-6223410	P	$-(9+8)-(7^6)^{(5-(4-3))^2-1$	-6599761	P	$-(9-8/(7-6)^*-5^4)^3)^2+1$
-6255001	P	$-((-9+87^*6)^5-4^3)^2+1$	-6604899	P	$-(9-8+7)^*(-65^4+3)^2+1$
-6266897	G	$-9-8^*(765^4(3+2)+1)$	-6604900	P	$-((-9-8+7)^*(-65^4+3))^2+1$
-6268697	P	$9^*87^*(-6-(-5^4)^3)-(-2+1)$	-6613460	G	$-98-7^6*(54^3-2-1)$
-6273009	G	$-9-8^*765^*(4^4(3+2)+1)$	-6651242	P	$-(98^*7-(-6-5^4)^3)^2-1$
-6281085	G	$(9^*8^7-6^5)^4/(-3+2+1)$	-6661561	P	$-(9-(8^*7-6^5+4)/3)^2+1$
-6281410	P	$-(9+8+(7^6*5^4-5^4+3)/2)^*1$	-6687396	P	$-((98/7-6^5+4)/3)^2+1$
-6291106	G	$-9-(8^7-6^5)^*3-2+1$	-6701890	P	$-((9^*8-7^6)^*(-5+3)+2)+1$
-6291826	G	$(9+8^7+6+(5+4)^3)/-2-1$	-6705819	P	$(9+8)^*(-76+(5^4+3)^2)+1$
-6292172	G	$-98^*7-6^*(5+4^4(3^2+1))$	-6705919	G	$9^*8-7^6*(54+3)^2+1$
-6292269	G	$-9^*87-6^*(5+4^4(3^2+1))$	-6705923	G	$9^*8-7^6*(54+3)-2^*1$
-6292704	P	$-((9^*8^7-6^*-5^4)/3-2)^*1$	-6708099	P	$-(9-8+(-7+6^5+4)/-3)^2+1$
-6292708	G	$(9^*-8^7-6^*5^4)/3-2^*1$	-6713208	P	$-(-9^*8+((7-6^5-4)/3)^2)+1$
-6294336	P	$(-9-87)^*(-6^*5-4^4(3^2-1))$	-6718496	P	$-(9+8)-(7+6^4(5+4)/3)^2-1$
-6307840	G	$(-9-8^*(7^6+5))^4(3^2+1)$	-6718551	G	$-9^*8-(7+6^4(5+4)/3)^2-1$
-6311922	P	$(9+8)^*(-(7+6)^5+4)-3^2+1$	-6720009	P	$-9-8^*7^6/(5^4-4/(-32^*1))$
-6311939	G	$(-9-8)^*(7+6)^5+43-2+1$	-6734025	P	$-((-9-876+5^4)^3)^2+1$
-6312008	P	$-((-9+8)^*(7+6)^5+4)-32+1$	-6790638	G	$(9/-8-7^6)/54^4-3-2-1$
-6314826	P	$(-9+8^7+6^5)^4)^3-2-1$	-6796275	G	$-9+87^*(6-5^4(4+3)+2-1)$
-6315169	P	$-(9/(-87^*65^4+3))^2+1$	-6838225	P	$-(9-8^*(7-(-6^*54+3)))^2+1$
-6348810	G	$-9+(8^*-7-6)/(5/4^4-3)^2-1$	-6838818	G	$-9-87^*((6^*5+4)^3)^2-1$
-6349125	P	$-((-9^*8-7^6)^*54-32)+1$	-6850214	G	$-9-87^*(6+54^3/2)+1$
-6350752	G	$-9^*87^*6^5-4^4(3^2+1)$	-6859024	G	$-9-8^*((76^*5/4)^3+2)+1$
-6352120	G	$(-9-8+7^6)^*-54+3^2-1$	-6881406	P	$(-98-7)^*(-6/5-4^4-(-3^2+1))$
-6352984	G	$9^*8-7^6*54-3^2-1$	-6884430	P	$(-98-7)^*(-6^*5-4^4(3^2-1))$
-6353015	G	$(-9-8)^*7^6*54+32-1$	-6908747	P	$-(9-8)+(7+6)^*(-(5+4)^{(3^2-1)})$
-6353060	G	$9+8-7^6*54-32+1$	-6908763	P	$-(9+8)+(7+6)^*(-(5+4)^{(3^2-1)})$
-6353069	G	$(-9+8-7^6)^*54+32-1$	-6912066	G	$-9-8^*(7-(6^*5-4)^3/2)-1$
-6353079	G	$(-9+8)^*7^6*54-32-1$	-6912881	P	$-(9+8)-7^6*5^*(4^3-2-1)$

-6915942	P	$(9^8 + (7*6)^5 / -4) / -(3/2*1)$	-7528449	P	$-(98/7)^6 + 543*2 + 1$
-6916899	P	$-((-9-8-7)*(65^4+3))^2 + 1$	-7528811	P	$-(98/7)^6 - 5*(-(4*3)^2 - 1)$
-6916900	P	$-((-9-8+7)*(65^4+3))^2 + 1$	-7528891	P	$-(98/7)^6 - 5*(-4*32 - 1)$
-6927432	P	$-(9+(8*(7*6+5)*(4+3))^2) + 1$	-7528912	P	$-((98/7)^6 - (5^4+3) + 2*1)$
-6964321	P	$-(98+7+(6-5*4)^3)^2 + 1$	-7528916	P	$-(98/7)^6 + 5^4 - 3*2 + 1$
-6966282	G	$-9+(8-7*6^5)*4*32 - 1$	-7528920	P	$-((98/7)^6 - (5^4+3)^2)*1$
-6967560	G	$-9+(-8-7*6^5*4)*32 + 1$	-7528942	P	$-((98/7)^6) + 5^4 - 32 + 1$
-7006256	G	$-9-876*((5*4)^3 - 2) + 1$	-7529050	P	$-((98/7)^6 - 54*3^2)*1$
-7017697	G	$-9-8*(7*(6*(-5+4^3)))^2 - 1$	-7529159	G	$9-8*((7^6-5)^4 - 3)^2*1$
-7030980	G	$(-9-(87-6))*(5^(4+3) - 2 - 1)$	-7529255	G	$9-8*((7^6-5)^4 + 3)^2*1$
-7031078	G	$-9-(8+7)*6*(5^(4+3) - 2) + 1$	-7529286	P	$(-9/8+7^6)+5)^4*3+2*1$
-7037952	G	$(-9-87)*(6^5+4^4(3^2-1))$	-7529312	P	$-(98/7)^6 - 5*(-(43+2) - 1)$
-7047864	P	$9*8*(7^6+5^4(4+3)) / -(2*1)$	-7529322	P	$-((98/7)^6 - 5*43) - 2 + 1$
-7059013	G	$9*-8-7^6*(54+3*2) - 1$	-7529324	P	$-((98/7)^6 - 5*43) - 2 - 1$
-7059039	G	$-98-7^6*(54+3*2) - 1$	-7529375	P	$-((98/7)^6 - 54*3) - 2 + 1$
-7075618	P	$-(9+8)-(76*5*(4+3))^2 - 1$	-7529377	P	$-((98/7)^6 - 54*3) - 2 - 1$
-7076120	G	$((-98+7)*6^5+4)^3(3^2+1)$	-7529397	P	$-(98/7)^6 - 5+(4*3)^2*1$
-7080920	P	$-((-9+876+5*4)^3)^2 + 1$	-7529414	P	$-((98/7)^6 + 5) + 4*32 - 1$
-7160008	P	$-9*8*7^6+5*4^4(3^2+1)$	-7529416	P	$-(98/7)^6 + 5*4*3*2*1$
-7166330	G	$-9+8-76*-5*(4+3))^2 - 1$	-7529501	P	$-(98/7)^6 - 5*(-(4-3)^2 - 1)$
-7171876	G	$(9+8)*(-76+5-4)^3 - 2 + 1$	-7529580	P	$-(98/7)^6 + 5 - (4+3)^2(2*1)$
-7171878	G	$(9+8)*(-76+5-4)^3 - 2 - 1$	-7529587	P	$-(98/7)^6 - (54-3)^2(2-1)$
-7214607	P	$-(98/7)^6 + 54^3*2 + 1$	-7529637	P	$-(98/7)^6 + (-54+3)^2 + 1$
-7231690	G	$-9-(8+7)*6^5*(4^3-2) - 1$	-7529661	P	$-((98/7)^6 + 5^4/(3+2))^2*1$
-7234688	P	$-(98/7)^6 + 543^2 - 1$	-7529670	P	$-((98/7)^6 + 5) - 4*32 - 1$
-7265718	G	$(-9-8-76)*(5^4(4+3) + 2 - 1)$	-7529676	P	$-(98/7)^6 - 5*(-(4-32)^2)*1$
-7265812	P	$(-9+8)-(76)*(5^4(4+3) + 2) - 1$	-7529677	P	$-(98/7)^6 - 5*(-(4-32) - 1)$
-7289224	G	$-9*(-87+(6*5)^4) - 3*2 - 1$	-7529679	P	$-(98/7)^6 - (5+4+3)^2 + 1$
-7289869	G	$-9*(-8-7+(6*5)^4) - (3+2) + 1$	-7529685	P	$-(98/7)^6 - 5 - (4*3)^2*1$
-7289872	G	$-9*(-8-7+(6*5)^4) - 3*2 - 1$	-7529701	P	$-(98/7)^6 - 5*(4^3/2+1)$
-7289889	P	$-9*(-(8+7-(6*5)^4)+3)+2+1$	-7529752	P	$-(98/7)^6 - 54*(3+2-1)$
-7290508	G	$-9*(8+7+(6*5)^4) - (3+2) + 1$	-7529762	P	$-(98/7)^6 - 5*(43+2) - 1$
-7340488	P	$-(9-8)-7*(65+4^4(3^2+1))$	-7529799	G	$9-8*((7^6+5)^4 - 3)^2*1$
-7340504	P	$-(9+8)-7*(65+4^4(3^2+1))$	-7529807	P	$-(98/7)^6 - 54*(3+2) - 1$
-7340559	G	$-9*8-7*(65+4^4(3^2+1))$	-7529873	P	$-(9+8)-(7^6+5)/(4^3-3*(2-1))$
-7345457	G	$-9+8+7+(65^4+3)^2 + 1$	-7529895	G	$9-8*((7^6+5)^4 + 3)^2*1$
-7345464	P	$-(9^8 + (-7-65^4+3)^2) - 1$	-7530152	P	$-((98/7)^6 + 5^4 - (3^2))^2*1$
-7345491	G	$-9^8 - (7-65^4+3)^2*1$	-7530158	P	$-((98/7)^6 + 5^4 + 3)^2(2-1)$
-7372073	P	$-((98/7)^6 - 54^3 + 2) + 1$	-7530193	P	$-((-98/7)^6 + 5^4 + 32)^2*1$
-7373286	P	$-((98/7)^6 - 5^4(4+3)^2)*1$	-7530251	P	$-(98/7)^6 - 5*(4*3)^2 - 1$
-7392961	P	$-((-9-87*6)^5 - 4^3)^2*1$	-7530621	P	$-(98/7)^6 - 543*2 + 1$
-7394562	G	$-98-7*(6^5+4^4(3^2+1))$	-7530761	P	$-((98/7)^6 + (5*(-(4-3))^2)*1)$
-7411843	G	$9*(8-7^6(6+5-4) - 3) - 2 + 1$	-7531263	P	$-(98/7)^6 - 54*32 + 1$
-7411929	P	$-(9*(8+7^6(6+5-4) - 3) - 2) + 1$	-7531381	P	$-(98/7)^6 + 5 - 43^2 - 1$
-7411933	G	$-9*(8+(7^6(6+5-4) - 3) - 2) + 1$	-7531391	P	$-(98/7)^6 - (5+43^2) - 1$
-7411987	P	$9*(-(8+7^6(6+5-4) - 3) - 2) + 1$	-7531695	P	$-(98/7)^6 - 5*432 + 1$
-7412536	P	$(9*8+7^6 - (-6-(5-4)))^2 - 3^2 - 1$	-7533637	P	$-((-98/7)^6 + 5+4^4 - (-3*2))^2*1$
-7412768	G	$-98*6^5+5*4^4(3^2*1)$	-7534661	P	$-(98/7)^6 - 5*(4^3+2+1)$
-7425870	G	$-9-8*(7+6)^5*(4-3/2) - 1$	-7538776	P	$-(98/7)^6 - 5*(43^2-1)$
-7427135	P	$-(98/7)^6 + (5^4*3)^2 + 1$	-7545160	P	$-((98/7)^6) - (5^4(4*3/2))^2 + 1$
-7436529	P	$-(9+8-(7+6+5-4)^3)^2 + 1$	-7545537	P	$-(98/7)^6 - (5*4)^3*2 - 1$
-7450803	P	$-(98/7)^6 + 54^3/2 + 1$	-7550021	P	$-(98/7)^6 - 5*(4^3(3*2)+1)$
-7496191	G	$(9-8+7-6*5)^4*32 + 1$	-7558633	P	$9*8*-((-7-6-5)^4+3+2) - 1$
-7496193	G	$(9-8+7-6*5)^4*32 - 1$	-7559928	G	$9*(8-7*(6/(5^4-4/32)^2)*1)$
-7509056	P	$-(98/7)^6 - 5*(-(4^3(3*2)*1))$	-7560072	G	$-9*(8+7*6/(5^4-4/(32*1)))$
-7509061	P	$-(98/7)^6 - 5*(-(4^3(3*2)+1))$	-7608267	P	$-(98/7)^6 - 54^3/2 + 1$
-7513080	P	$-(-98*7^6(6-5)^4+3)^2 + 1$	-7631935	P	$-((98/7)^6 + (5/4^4-3)^2) + 1$
-7513082	P	$-(-98*7^6(6-5)^4+3)^2 - 1$	-7650314	G	$-9+(-8^7-6^5*4)^3)^2 - 1$
-7513537	P	$-(98/7)^6 + (5^4)^3*2 - 1$	-7674767	G	$-987*6^5+(4*3)^2 + 1$
-7513910	P	$-((98/7)^6) + 5^4(4*3/2) + 1$	-7678440	P	$-(9+8+7-65*43)^2 + 1$
-7520286	P	$-(98/7)^6 - 5*(-(43^2-1))$	-7678442	P	$-(9+8+7-65*43)^2 - 1$
-7520291	P	$-((98/7)^6 - 5^4*43^2)*1$	-7678852	G	$-987*(6^5+4)+3^2 - 1$
-7524421	P	$-(98/7)^6 - 5*(-(4^3(3+2)+1))$	-7678856	G	$-987*(6^5+4)+3+2 - 1$
-7525445	P	$-((98/7)^6 + 5 - (4^3(3*2)))^2*1$	-7678858	G	$-987*(6^5+4)+3-2 + 1$
-7527375	P	$-(98/7)^6 + 5*432 + 1$	-7683796	G	$-987*(6^5+4+3+2) - 1$
-7527682	P	$-(98/7)^6 + 5+43^2*1$	-7686336	G	$-98*(7^6 - (5-4))/3^2*1$
-7527683	P	$-(98/7)^6 + 5+43^2 - 1$	-7686388	G	$(-98*7^6+5*4)/(3/2*1)$
-7527693	P	$-(98/7)^6 - (5-43^2) - 1$	-7686402	G	$(-98*7^6+5*4)/(3/2*1)$
-7527807	P	$-(98/7)^6 + 54*32 + 1$	-7686484	G	$-98*(7^6+5/4)/3^2 - 1$
-7528078	P	$-((98/7)^6 - (5+4)^3*2)*1$	-7686818	G	$(-98*7^6+5*4)/3^2*1$

-7687002	P	$-(98/7)^6 + 54^3 + 2)^*1$	-8019978	P	$-(9 + (8^7 + 6^6)^5) * 4^4(3+2)) - 1$
-7697760	G	$(-98-7)^*(6^5 + 4^4(3^2-1))$	-8027809	P	$-9 + (8^7 + 6^6)^5 * (-4^4 - (-3-2)) - 1$
-7716912	G	$-98^*(7+6+54^3/2-1)$	-8043858	G	$-9 - (87+6^6)^5 * (4^4(3+2) - 1)$
-7717498	G	$98^*7^6 * 5^4 * 3 + 2^*1$	-8067368	G	$-9 + (8+7)^*(6-5^4)^4(3+2)+1$
-7723276	P	$987^* - (6^6 + (4+3)^2) - 1$	-8099967	P	$(-(-9-8)-7)^* - (6^6)^4 + 32 + 1$
-7734378	G	$(-9 - (8+7)^6) * 5^4(4+3) - 2 - 1$	-8125024	G	$-9 - 8^*((-7-6)/-5^4(-4-3)+2)+1$
-7734474	G	$(-98 - (7-6))^*((5^4(4+3)+2) - 1)$	-8126474	G	$-9 - 8^*7^*(6-5/4+3)/2-1$
-7746703	G	$98^*(7^6 - 5^4(4+3))^* - 2 + 1$	-8155799	G	$-9^*8^*7^6 + 54^3 * 2 + 1$
-7756225	P	$-(9+8-7-65^43)^2 * 1$	-8168124	P	$-(9 - (-8+7+6)^5 + 43)^2 + 1$
-7761064	G	$(9+8)^*(-76 - (5-4))^3 - 2 - 1$	-8168133	P	$-(9 + (8+7+6)^5 - 43)^2 + 1$
-7767606	G	$9^*(-8^*7^6 + 5^4(4+3)) - (2+1)$	-8168307	G	$(9 + (8+7+6)^5 + 43)^* - 2 - 1$
-7778521	P	$-(9-8-7+65^43)^2 * 1$	-8179600	P	$-(9^*8-7+65^43)^2 * 1$
-7782459	P	$-(9-8)-76^*((5^4 * 4^3)^2 + 1)$	-8190633	P	$-(9 + (8+7)^6) + (5^4)^4 - (-3-2) + 1$
-7782477	P	$-(9-8)-76^*((5/4^3)^2 + 1)$	-8201261	P	$-(9 - (-8+7+6^5)^4 + 3))^2 + 1$
-7791675	P	$-(98/7)^6 + 5 - (4^4(3^2 * 1))$	-8208589	G	$-9^*8^*7^6 - 5 + 4^4(3^2 * 1)$
-7811243	P	$-(9^*87 + (65^4 * 3)^2) - 1$	-8224778	G	$-9 - 8^*7^*(6 - (5^4 * 4 - 3 + 2)) - 1$
-7811340	P	$-(98^*7 + (65^4 * 3)^2) - 1$	-8259803	G	$-9^*8^*7 + (6^5 * 43)^2 + 1$
-7826669	G	$(9^*8 - 7^6 - 5) / (-4 - 3/2) - 1$	-8282469	P	$(9+8) / (-76 - 5^4 * 3)^{-2} - 1$
-7844463	P	$-(98/7)^6 - 54^3 * 2 + 1$	-8313262	G	$-9^*8^*7^6 + 54^3 * 2 + 1$
-7845601	P	$-(9-8-7-65^43)^2 * 1$	-8348521	G	$98^* - (7 + ((6+5)^4)^3 - 2) + 1$
-7861944	G	$9 - 8^*7 - (6+5-4)^4(3^2-1)$	-8348715	P	$98^* - (7 + ((6+5)^4)^3) + 2 + 1$
-7861962	G	$-9 - 8^*7 - (6+5-4)^4(3^2-1)$	-8368328	P	$-(9^*8^*7^6 - (5/4^3)^2)^*1$
-7864242	G	$-9 + 87 - 6^5 * 4^4(3^2 * 1)$	-8388364	G	$-9 - (8^7 - 65)^4 - 3^2 - 1$
-7864273	G	$-9 + 8^*7 - 6^5 * 4^4(3^2 * 1)$	-8388367	P	$-(9 - ((-8^7 + 65)^4 - 3^2)) - 1$
-7864344	G	$-9 - 8 - 7 - 6^5 * 4^4(3^2 * 1)$	-8388444	G	$(9 - 8^7 + 6^5)^4 + 3^2 - 1$
-7864385	G	$-9 - 8^*7 - 6^5 * 4^4(3^2 * 1)$	-8388501	G	$-9 - ((8^7 - 6^5)^4 + 3 + 2) + 1$
-7864399	G	$-9^*8 - 7 - 6^5 * 4^4(3^2 * 1)$	-8388741	G	$-9 - ((8^7 + 6^5)^4 + 3 + 2) + 1$
-7864411	G	$-98 + 7 - 6^5 * 4^4(3^2 * 1)$	-8391657	G	$-9 - 8^*(76^5 + 4^4(3^2 + 1))$
-7864425	G	$-98 - 7 - 6^5 * 4^4(3^2 * 1)$	-8391997	G	$9^*8 / -7^6 - 6 + 54^3 / 2 - 1$
-7864824	G	$-9^*8^*7 - 6^5 * 4^4(3^2 * 1)$	-8392257	G	$-9 - 8^*(7^6 + 5^4(3^2 + 1))$
-7865307	G	$-987 - 6^5 * 4^4(3^2 * 1)$	-8392609	P	$-(9 - 8 - 7^6 * (5 + 4^3))^2 * 1$
-7875010	P	$-(9 + (8+7)^6) + (5^4 * 3)^2 - 1$	-8398088	P	$-9 + (-8-7)/6^4 - (-5+4^3)^2 * 2 + 1$
-7881234	G	$-9 + (87 - 6^6)^5 * (4^4(3+2)+1)$	-8404201	P	$-(9 - 8 - 7^6 - 6^5(5 + 4^3))^2 * 1$
-7890473	P	$-(9 - (-9+8)+7)^6 + 5^4 + 3^2 - 1$	-8424503	P	$-(9^*8/7^6 - 6 - (5^4 * 3)^2)^*1$
-7890476	P	$-(9 - (-9+8)+7)^6 + 5^4 + 3 + 2^*1$	-8440728	P	$9^*8^* - (7^6 + 5^4 / -3^2(2^*1))$
-7890478	P	$(-(-9+8-7)^6 - 5)^4 + 3)^2 * (2-1)$	-8448120	P	$9^*8^* - (7^6 + 5^4(3^2 + 1)) / (-2^*1))$
-7890484	P	$((9-8+7)^6 + 5)^4 + 3)^* - (2-1)$	-8450253	G	$9^*8^* - 7^6 - 5^4(-4^4(3^2+1))$
-7890485	P	$((9-8+7)^6 + 5)^4 + 3 + 2 + 1$	-8450648	G	$-9^*(87^*(6+5)+4^3)^2 + 1$
-7890491	P	$((9-8+7)^6 + 5)^4 + 3^2 - 1$	-8450650	G	$-9^*(87^*(6+5)+4^3)^2 - 1$
-7892641	P	$(-9-8)-7^6 - 6^5 * (-4^3)^2 - 1$	-8450816	G	$(-9+8-7)^6 + 5^4 + 4^4(3^2 + 1))$
-7892657	P	$(-9+8)-7^6 - 6^5 * (-4^3)^2 - 1$	-8454728	G	$9^* - 8^*7^6 - (5^4 - 4)^3 * 2^*1$
-7894706	G	$-9^*8 - (-7 + (-65^4)^3)^2 + 1$	-8461483	G	$-9^*8^*7^6 + 5^4 * 43^2 * 1$
-7894729	P	$-(9^*8+7) + (65^4)^3 * 2 - 1$	-8461488	G	$9^*8^* - 7^6 - 5^4(-43^2 + 1)$
-7894734	G	$-9^*8 - (-7 - (-65^4)^3)^2 + 1$	-8462726	G	$9^* - 8^*7^6 + 5^4(5^4)^3 + 2^*1$
-7937056	G	$-987^6 + 5^4 - 4^4(3^2 * 1)$	-8462730	P	$-(9^*8^*7^6 + (-5^4)^3 + 2)^*1$
-7946760	P	$-(9+8+7+65^43)^2 + 1$	-8465297	P	$-(9^*8/7^6 - 6 - 5432) - 1$
-7946762	P	$-(9+8+7+65^43)^2 - 1$	-8465603	G	$9^*8^* - 7^6 - 5^4(-4^4(3+2) - 1)$
-7954770	P	$-(9-87) - 6^5 * (4^4(3+2) - 1)$	-8466729	G	$9^*8^* - 7^6 + 5^4(5^4)^3 / 2 - 1$
-7954801	P	$-(9-8^*7) - 6^5 * (4^4(3+2) - 1)$	-8466866	G	$-9^*(-8^*(-7^6 + 54) + 3) + 2 - 1$
-7954927	P	$-(9^*8+7) - 6^5 * (4^4(3+2) - 1)$	-8466978	G	$9^*(-8^*7^6 + 5^4 / (3/2^*1))$
-7954939	P	$-(98-7) - 6^5 * (4^4(3+2) - 1)$	-8468855	P	$9^*8^* - (7^6 - 5^4 - 3^2) + 1$
-7954944	P	$-(9+87) - 6^5 * (4^4(3+2) - 1)$	-8468873	G	$-9^*8^*7^6 + 5^4 + 43^2 + 1$
-7954953	P	$-(98+7) - 6^5 * (4^4(3+2) - 1)$	-8468875	G	$-9^*8^*7^6 + 5^4 + 43^2 - 1$
-7958041	P	$-(98+7)^*(6^5 + 4 - 3))^2 * 1$	-8469449	G	$-9^*(8^*(7^6 - 54/3) + 2) + 1$
-7960833	G	$-9 - 8^*((-7+6^5 * 4)^3 - 2) - 1$	-8469744	P	$9^*8^* - (7^6 + (-5 - 4/3)^2) - 1$
-7962107	G	$-98 - (7+6^5)^*(4^4(3+2) - 1)$	-8470003	P	$9^*8^* - 7^6 - 5^4(-4^3)^2 - 1$
-7962500	G	$98^*(7+6)^5 * 4^4(-3^2 - 1)$	-8470461	P	$9^*8^* - (7^6 + 5 / -4^3) - 2 - 1$
-7962593	G	$(-9-8-7)^4(6-5+4)+32-1$	-8470867	G	$9^*8^* - 7^6 + (-5 - 4^3)^2 - 1$
-7963226	P	$-(9-8) + (7-6^5)^*(4^4(3+2)+1)$	-8470887	G	$-9^*8^*7^6 - 5^4 * 3 + 2 + 1$
-7963323	G	$-98 + (7-6^5)^*(4^4(3+2)+1)$	-8470893	G	$-9^*8^*7^6 - 5^4 * 3 - 2 - 1$
-7963658	G	$-9 + (-8+7-6^5)/4^4(-3-2) - 1$	-8470940	G	$-9^*8^*7^6 - 5^4 * 43 + 2 + 1$
-7968852	G	$(-9-87-6)^*(5^4(4+3)+2-1)$	-8470946	P	$9^*8^* - (7^6 + 5^4(5-4)+3) - 2^*1$
-7968955	P	$(-9+87-6)^*(5^4(4+3)+2) - 1$	-8470995	P	$-(9^*8^*(7^6 + 5 - 4/3) + 2) - 1$
-7969384	G	$-9 + (8 - (7+6^5))^*(4^4(3+2)+1)$	-8471038	P	$9^*8^* - (7^6 + 5) + (4+3)^2 + 1$
-7971434	P	$-9 + (8-7+6^5)^*(-4^4 - (-3-2) - 1)$	-8471103	P	$9^*8^* - (7^6 + 5) - 4^3 - (2+1)$
-7977994	G	$-9 + (-8-7-6^5)/4^4(-3-2) - 1$	-8471117	P	$9^*8^* - (7^6 + 5) + 4 - 32 - 1$
-7978600	P	$(-9-8)-7-6^5)^*(4^4(3+2)+1)$	-8471443	G	$9^*8^* - 7^6 - 5^4((4^3)^2 - 1)$
-7985784	G	$-9 - (8+7+6^5)^*(4^4(3+2)+1)$	-8471854	P	$9^* - (8^*7^6 + 5^4 / (3+2)) - 1$
-7995000	P	$(-9+8)-7-6^5)^*(4^4(3+2)+1)$	-8472357	P	$9^*(- (8^*7^6 + 5^4(4+32)) - 1)$
-8000112	P	$-(9+8)^*7^6 - 5^4(3-2^*1)$	-8472571	G	$-9^*8^*7^6 + 5^4 - 43^2 + 1$

-8472601	P	$9^*8^*-(7^6+5^*4-3^*-2)-1$	-8925375	G	$9^*-8+7-(65^4-3)/2+1$
-8472893	G	$9^*8^*-7^6+5^*(-432-1)$	-8925377	G	$9^*-8+7-(65^4-3)/2-1$
-8473554	P	$9^*-(8^*7^6+(5^4+3)/(2^*1))$	-8925378	G	$9^*-8+7-(65^4+3)/2+1$
-8473617	P	$9^*8^*-(7^6+(5+4/3)^2)-1$	-8925653	G	$(98^*7+65^4-3)/-2+1$
-8474478	G	$9^*(-8^*7^6+5^4/(-3/2^*1))$	-8925658	P	$-(98^*7+65^4+3)/2-1$
-8474729	G	$9^*8^*-7^6-(5^*4)^3/2-1$	-8928511	G	$-9^8+7^6*((5+4^*3)^2+1)$
-8475843	G	$9^*8^*-7^6-5^*(4^3+2)-1$	-8941940	G	$-9+(8+7^6)^*(5-43)^*2+1$
-8476159	G	$-9^*8^*7^6-5432+1$	-8941942	G	$-9+(8+7^6)^*(5-43)^*2-1$
-8476161	G	$-9^*8^*7^6-5432-1$	-8946080	G	$-9^*(8-(7-6^*5)^*43)^2+1$
-8477282	G	$(9+8+7-65)^4*3+2-1$	-8946082	G	$-9^*(8-(7-6^*5)^*43)^2-1$
-8477286	G	$(9+8+7-65)^4*3-2-1$	-8952064	P	$-((-9-8)^*(-7-(-65+4)^*3))^2*1$
-8478726	G	$9^*-8^*7^6-(5^*4)^3+2^*1$	-8954664	G	$-9+(8-(7-6^*5)^4+3)^2+1$
-8478730	P	$-(9^*8^*7^6-(-5^*4)^3+2)^*1$	-8976016	P	$-(98-7^*-6^*(5+4^*3))^2*1$
-8479973	G	$-9^*8^*7^6-5^*43^2*1$	-8994374	G	$((9+8-7)^6-5^4)/-3^2-2+1$
-8479978	G	$9^*8^*-7^6-5^*(43^2+1)$	-9026728	G	$-9^8-7^*((6^*5)^4*3^2+1)$
-8479990	G	$9^*(-8^*7^6-(5+4^3+2))) -1$	-9030025	P	$-(-9^*(8^*7^6+5^4+3))^2*1$
-8486728	G	$9^*-8^*7^6+(5^*-4)^3*2^*1$	-9046159	G	$-9^8+7^6*(5+4^*3)^2+1$
-8491213	G	$9^*8^*-7^6-5^*(4^3(3^*2)+1)$	-9048080	P	$-(9+8)-((7^*6+5)^4*3)^2+1$
-8493336	P	$9^*8^*-(7^6+(5^4+3)/(2^*1))$	-9108690	G	$9^*(-8^7+6)+5^4(4+3^*2)-1$
-8494057	P	$9^*8^*-(7^6-5^4-3^*2)-1$	-9112456	G	$(9-(8+7)^6/5)^4+3^2-1$
-8497225	P	$-(-9^*(-8^*7^6+5)-4^3)^2*1$	-9123193	G	$(9-87)/(6^*(5-4-3))^2-1$
-8500728	P	$9^*8^*-(7^6+5^4/3*(2^*1))$	-9126008	P	$-9-((-8-7)^*(65^4*3)^2-1)$
-8503031	G	$-9-8+7^6-5^4(3+2)-1$	-9126451	G	$-9-(8^*7^6*(5+4)-3)^2-1$
-8503081	G	$9+8-7^6-5^4(3+2)-1$	-9132921	G	$-9^*(87^*(65+43)^2+1)$
-8503153	G	$-98+7-6-5^4(3+2)-1$	-9144639	P	$9^*-(8+(7^*(6+5^4)^3)^2-1)$
-8504998	G	$9-8-7^*(6^*5)^4*3/2+1$	-9150594	P	$-(9+8-7-65)^4+32-1$
-8505010	P	$-(9+8)-7^*((6^*5)^4*3/2-1)$	-9173856	G	$9^*(-8^*7^6-5^4(4+3))-2+1$
-8516809	P	$9^*8^*-(7^6-5^4-4^*32)-1$	-9173872	P	$9^*(-(8^*7^6+5^4(4+3))-2)-1$
-8516953	G	$9^*8^*-7^6-(5^*43)^2*1$	-9174999	P	$-9+8-7^*(6-5^4-(-3^2*1))$
-8539740	P	$-(9-8)-(7+6)^5*(4^3*2-1)$	-9175099	P	$-9-8-7^*(6-5^4-(-3^2*1))$
-8539756	P	$-(9+8)-(7+6)^5*(4^3*2-1)$	-9246020	G	$-9-87^*(6+5/4-3)^2+1$
-8544097	P	$9^*8^*-(7^6-(5-4^3(3+2))) -1$	-9258751	G	$9876^*-5^4*3/2-1$
-8549461	G	$9^*8/-7^6-5^4(3+2)-1$	-9272025	P	$-((-98-7)^*(6+5^4+3))^2*1$
-8552458	G	$-9-8^7*(6+(5^4-3-2))-1$	-9296400	P	$(-9-8)^7*(6-5^4(4+3)+2)-1$
-8573128	P	$-(9^*8^*7^6+(5/4^3)^2)^*1$	-9335100	G	$-9-(8+(7^6)^5/(4+3))/2+1$
-8577860	G	$-9-87^*(6-5/4^3)^2+1$	-9339135	P	$-(9-8-765^4+3)^2+1$
-8590761	P	$-((-9+8^*76)^5-4^3)^2*1$	-9339137	P	$-(9-8-765^4+3)^2-1$
-8596624	P	$-(9-(-8765-4)/3)^2*1$	-9382922	P	$-(9+8^7*6)+(5^*4)^3(3+2)-1$
-8598458	G	$(9^8-7^6*5-4)/(-3-2)-1$	-9388095	P	$-(9-8+765^4+3)^2+1$
-8608355	P	$-(987+6^5/4+3)^2+1$	-9388097	P	$-(9-8+765^4+3)^2-1$
-8612272	G	$(9^8-7+(6+5)^4)/(-3-2)-1$	-9406489	P	$-((-9+8-765)^4+3)^2*1$
-8628194	G	$-9^*8^*7^6-5^4(3-2)^*1$	-9411223	G	$9-8^*(7^6*5-43)^2*1$
-8671986	G	$(-98-7-6)^*(5^4(4+3)+2)-1$	-9411774	G	$(9-8^*7^6*5+4^3)^2*1$
-8672098	P	$(-98+7-6)^*(5^4(4+3)+2)-1$	-9411783	G	$9-(8^*7^6*5-4^3)^2*1$
-8683603	G	$(9^8+(7+6)^5-4)/(-3-2)-1$	-9411825	G	$9-(8^*7^6*5-43)^2*1$
-8701393	G	$(-9+8-7^6)/(5/43)^2+1$	-9411897	G	$9-(8^*7^6*5-4-3)^2*1$
-8701395	G	$(-9+8-7^6)/(5/43)^2-1$	-9411900	G	$(9-8^*7^6*5+4-3)^2*1$
-8732867	G	$-9^*8^*7^6+5-4^3(3^2*1)$	-9411904	G	$(9-8^*7^6*5-4+3)^2*1$
-8732877	G	$-9^*8^*7^6-5-4^3(3^2*1)$	-9411909	G	$9-(8^*7^6*5-4+3)^2*1$
-8785296	P	$-(9^*87-6/5^4-4+3)^2*1$	-9411988	G	$(9-8^*7^6*5-43)^2*1$
-8808748	G	$9^*87^*-6^*5^4*3+2^*1$	-9412039	G	$9-(8^*7^6*5+4^3)^2*1$
-8817546	P	$-9-8^*7^*(-(6-5^4)^3-2)-1$	-9412599	G	$9-8^*(7^6*5+4^3)^2*1$
-8817770	G	$-9-8^*-7^*(6-5^4)^3-2-1$	-9436844	P	$-(-9^*(-8^7+6)-5^4-4-3)/2-1$
-8817816	G	$(-98+7^6)^*(5^4(3-2)-1)$	-9444239	G	$9-8^*7^6-5^4(3+2)-1$
-8818442	G	$-9-8^*7^*((6+5^4)^3+2)-1$	-9467929	P	$-((-9-8)^*(-7-6^5)/43)^2*1$
-8840256	P	$-(98/7)^6-5^4(3^2*1)$	-9474084	P	$-(9^*(8+7+6^5+4+3))^2*1$
-8857612	P	$-(9^*8^*7^6+(-5^4+3)^2)^*1$	-9478863	G	$9^*(8-(7^6-5^4)/3^2-2+1)$
-8863744	G	$((-98+7)^6+5^4)^3(3^2+1)$	-9478881	G	$9^*(8-(7^6-5^4)/3^2-2-1)$
-8898289	P	$-((9-8^*76)^5+4^3)^2*1$	-9479007	G	$9^*(8-(7^6-5^4)/3^2-2+1)$
-8910224	P	$-(9^*8-765^4+3)^2+1$	-9479025	G	$9^*(8-(7^6-5^4)/3^2-2-1)$
-8910226	P	$-(9^*8-765^4+3)^2-1$	-9486399	P	$-(9+8+765^4+3)^2+1$
-8910850	G	$-9+(8+(-7-6)^5)^4*3^2-1$	-9486401	P	$-(9+8+765^4+3)^2-1$
-8910953	G	$-9^*(8^*((7+6)^5-4)/3+2)+1$	-9492289	G	$-9^8+(7-(6+5))^4(4^*3)^2(2^*1)$
-8911088	G	$-9+(-8+(-7-6)^5)^4*3^2+1$	-9498724	P	$-(98^*7-6^*(5^4+3))^2*1$
-8912884	G	$9-8^7*(6+(5/4-3))+2+1$	-9503056	P	$-9^*(8^7-(-6+5)^4+3)/2-1$
-8924529	G	$9^*87-(65^4-3)/2-1$	-9528768	P	$9^*(8+(-7^6+5+4)/(-3^2-2^*1))$
-8924625	G	$9^*8^7-(65^4-3)/2^*1$	-9529416	P	$9^*(8+(-7^6+5+4)/(-3^2-2^*1))$
-8925175	G	$9^*(8+7)-(65^4-3)/2+1$	-9529553	G	$9+8-7^6*5^4*3/2-1$
-8925193	G	$(9+8)^7-(65^4-3)/2-1$	-9529722	G	$-9^*(8+((7^6+5)-4)/(3^2-2^*1))$
-8925220	G	$98-7-(65^4-3)/2^*1$	-9530135	G	$9^*((-8-7^6)^*(5+4)+3^2)+1$

-9535752	P	$-(9+(8+(-7-65)*43)^2)+1$	-10260009	G	$9*(8*76*-5^4*3-2+1)$
-9540616	G	$-9-8*7*((6+5)*4)^3*2+1$	-10287679	G	$-98*(7+6+5)^4-32+1$
-9566077	G	$(-9^-(8-7+6)-(5+4^3))^2-1$	-10287681	G	$-98*(7+6+5)^4-32-1$
-9580113	G	$9*(8-(-7^6-5^4)/-3^2-2+1)$	-10297066	P	$-(9/(8-7))^6-5^4(4+3*2^*1)$
-9580131	G	$9*(8-(-7^6-5^4)/-3^2-2-1)$	-10297681	P	$-(9+(-8-(7-65))^4*3)^2*1$
-9580257	P	$9*-(8-(-7^6-5^4)/3^2-2-1)$	-10310520	P	$-(9-8*7+6*543)^2+1$
-9580275	P	$9*-(8-(-7^6-5^4)/3^2-2+1)$	-10310522	P	$-(9-8*7+6*543)^2-1$
-9591409	P	$-(9-8-(-7-65)*43)^2*1$	-10335997	G	$(-9-8)*76/(5*4)^{-3+2+1}$
-9592926	G	$-98*(7^6+5^4(4+3))/(2*1)$	-10433322	G	$-9-(8*(7/(6-(5*4)^3))^{-2+1})$
-9616201	P	$-(9+(-8+7+6)*(-5^4+3))^2*1$	-10440009	G	$-9-87*6*5^4*32*1$
-9621686	P	$-9+87*(-(-6+54)^3-2)+1$	-10445823	P	$-(9+(-8-7*65)*(4+3))^2+1$
-9628609	P	$-(9*(-8+76)*5+43)^2*1$	-10467019	P	$-9+(8^7-6*5^4)*-(3+2)*1$
-9653594	G	$9+(8-(7+6)^5(-4+3))^2-1$	-10481648	P	$-(9+8^7+6)*5+4^4(3^2)+1$
-9653612	G	$-9+(8-(7+6)^5(4+3))^2-1$	-10481738	P	$-(9-8^7+6)*5+4^4(3^2)+1$
-9699661	P	$(-9-8^7(7-(6-5)))^2-(-4-32-1)$	-10484810	P	$-(9+8^7(7-6))^2+4^4(3+2)+1$
-9700068	P	$(9+8^7(6)*-(5+4^4(3^2-1)))$	-10485414	G	$(9-8^7+6(5+4))^2(3+2)+1$
-9709456	P	$-(9+(8-7-6)^5/(4-3))^2*1$	-10534922	G	$-9-8^7*(6-(5/4)^3/2)-1$
-9719995	P	$-((9+8+7)*(6*5)^4-3)^2-1$	-10536516	P	$-((9+8*7)*(6-5-4-3))^2*1$
-9728161	P	$-((9+8*7)*65+4^3)^2*1$	-10543009	P	$-(9-8*(-7-6*(-5-4^3)))^2*1$
-9734400	P	$-(9*(-8+76)*5+43)^2*1$	-10549504	P	$-(9+8-7-6*5^4)^2*1$
-9743593	G	$-9+(8-(7+(6+5)^4(4+3)))/2+1$	-10587960	G	$9*8*(-7^6+5)/(4/(3+2)*1)$
-9743598	P	$-(9+8)+(7-(6+5)^4(4+3))/2+1$	-10588860	P	$9*8*(7^6+5)/-(4/(3+2)*1)$
-9743601	G	$-9-(8+7+(6+5)^4(4+3))/2+1$	-10601536	P	$-(9-8)^7+(6+5+4)^3)^2*1$
-9743605	P	$-(9+8)-(7+(6+5)^4(4+3))/2+1$	-10613782	P	$-(9*8+6*5^4)^2-1$
-9746894	P	$-(9+((8-7-6)*5^4+3)^2)-1$	-10613879	P	$-(9*8+6*5^4)^2-1$
-9759394	G	$-9-(8+((7*6+5)^4+3))^2-1$	-10616827	G	$((9+8-(7+6)*5)^4-3)^2-2-1$
-9766562	P	$-(9*8*(7+6)+5^4(4+3)^2)-1$	-10616843	P	$-(9+(8*(7-(6-5)))^4-3)^2+1$
-9781448	G	$-9*8^7*6-5*4^4(3^2*1)$	-10616848	P	$-9+((8*(7-(6-5)))^4+3)^2-2-1$
-9821956	P	$-(9+(8-7-6)^5/(-4-3))^2*1$	-10668820	G	$98*(7*6^5*4+3)/-2-1$
-9828224	P	$-(9*8+765*4+3)^2+1$	-10706041	G	$9+8-7^6*(5+43^2)+1$
-9828226	P	$-(9*8+765*4+3)^2-1$	-10707558	G	$-9+(8-76)*54^3+2+1$
-9865881	P	$-((9-87-(6+54))^3)^2*1$	-10719076	P	$-((9-87+54)/3)^2*1$
-9903609	P	$-((9-8*(-76-54))^3)^2*1$	-10761654	P	$(9^8-7*(6+5+4))/-(3+2-1)$
-9960000	P	$(9*8*-7+6)/(5^4-4/(-32*1))$	-10767514	P	$-(9+8)+(7+6)^5*(4-32-1)$
-9961491	G	$-9-8^7*(6-5/4)-3^2-1$	-10771523	P	$-(9+8+7+6*543)^2+1$
-9968732	P	$-(9+8)*(7^6*5-43^2(2*1))$	-10771525	P	$-(9+8+7+6*543)^2-1$
-9972964	P	$-((9-(-8-7)*(-6-5^4))/3)^2*1$	-10824100	P	$-((9-8-7)*(6*5+4/3))^2*1$
-9981522	G	$-9-8*(7/(6^5+43))^2-2-1$	-10837264	P	$-(9876/(5+4)^3)^2*1$
-9984599	P	$-(9+8+7)*-(6*5^4)^2+1$	-10854503	P	$-(9^8+(7+6)^5)/4+3/2-1$
-9995813	P	$-(9+8)*(7^6*5-4^4(3+2-1))$	-10891035	G	$-98-((7*6)^5/5+4+3)/(2+1)$
-9999638	P	$-(9+8)*(7^6*5-4-3^2(2+1))$	-10923024	P	$-(9-8*7-6*543)^2+1$
-9999944	P	$-(9+8)*(7^6*5-4-3^2(2*1))$	-10923026	P	$-(9-8*7-6*543)^2-1$
-10000386	P	$-(9+8)*(7^6*5+4+3^2(2*1))$	-10937573	G	$-9*8-7*(6*5^4/3)^2-1$
-10000429	G	$-9-(8+7^6-5)*43^2(2*1)$	-10962739	P	$-(9+8)-(7*(-6-5)*43)^2-1$
-10017573	P	$-(9+8)*(7^6*5+4^4(3+2*1))$	-10969345	P	$-((9-876*5/4)^3)^2-1$
-10025234	G	$-9*(8+(7+6)^5+4)^3+2-1$	-11009839	P	$-9+8-7*-6*(5-4^4(-3^2*1))$
-10031598	P	$-(9+8)*(7^6*5+43^2(2*1))$	-11009855	P	$-9-8-7*6*(5-4^4(3^2*1))$
-10055241	P	$-(9+(8*7+6)*5(4+3))^2*1$	-11010275	P	$-9-8-7*6*(5+4^4(-3^2*1))$
-10067561	G	$-9-(8^7+6^5*4^4(3+2+1))$	-11010356	G	$-98-7*6*(5+4^4(3^2*1))$
-10079914	G	$-9-(8+7)^6+5^4(3^2*1)$	-11022453	G	$9-8^7-(65^4-3)/2+1$
-10116706	P	$-9+(-(-8+7^6)+5)*43^2-1$	-11022471	G	$-9-8^7-(65^4-3)/2+1$
-10117188	G	$(98-(7^6-5)*43)^2*1$	-11029042	P	$-((9-87-6*5^4)^3)^2-1$
-10117240	G	$(9*8-(7^6-5)*43)^2*1$	-11042329	P	$-(9*8-7+6*543)^2*1$
-10118048	G	$(98-(7^6+5)*43)^2*1$	-11045162	P	$-(98/7)^6-(5^4*3)^2-1$
-10118082	G	$-9+(-8-7^6+5)*43^2-1$	-11081529	G	$9^8*7-6^5(5+4)^3(32-1)$
-10118100	G	$(9*8-(7^6+5)*43)^2*1$	-11103748	G	$987*6*5^4*3+2*1$
-10118512	G	$-9+(-8-7^6)*5(4+32)-1$	-11115523	G	$-9^8+(7+6)^5*(43^2*1)$
-10128641	G	$(9^8-7+6)/(-5/4-3)-2+1$	-11159770	G	$-9^8+(-7-6^5)*(-4^4(3^2)-1)$
-10128643	G	$(9^8-7+6)/(-5/4-3)-2-1$	-11167553	P	$-(9^8+(-7-6^5)*4^4(3^2))^2*1$
-10144243	P	$-(9+8)-(7*65*(4+3))^2-1$	-11184799	G	$9-(8^7(7+6-5)-4)/3^2(2*1)$
-10156429	G	$(-9*(8+7)+6)/(5^4-3^2)-1$	-11188456	P	$-(9^8+7)-6^5*(-4^4(3^2)-1)$
-10157029	G	$(-9-8*7)*(6+5^4(4+3))^2+1$	-11193650	P	$-9-8*(7-6^5)^4*(3+2)-1$
-10182481	P	$-(9+(-8-(7-65))^4*3)^2*1$	-11196218	P	$-9^8+7-6^5*(-4^4(3^2)*1)$
-10223631	P	$(-9-8^7+6)*5+4^4(-3^2*1)$	-11196232	P	$-(9^8+7)-6^5*(-4^4(3^2)*1)$
-10223655	P	$-9-((8^7+6)*5-4^4(-3^2*1))$	-11197446	G	$((9-8)-7)-6^5(5+4)^3(3^2+1)$
-10223691	P	$-(9+8^7-6)*5+4^4(3^2*1)$	-11224897	G	$-9^8+(-7+6^5)*4^4(3^2)*1$
-10233602	P	$-((9-8)*(7*6+5)*4-3)^2-1$	-11229200	P	$-(9*8+765)^4+3)^2+1$
-10248536	G	$(98*7^6+5-4)^3(3^2-1)$	-11229202	P	$-((9*8+765)^4+3)^2-1$
-10252805	P	$-(9+8-7*65*(4+3))^2-1$	-11232666	G	$-9^8+(-7+6^5)*4^4(3^2)-1$
-10259998	G	$9*-8*76*5^4*3+2*1$	-11239425	G	$((9+(-8+7)*65)^4)^3-2+1$

-11244992	G	$-9+(-8-(7+6*5)^4*3)*2-1$	-11881000	P	$-(9-(8-((7+6)^5-4))*32)+1$
-11261250	G	$(98-7)^*-6/(5^4-4/(32+1))$	-11881256	P	$-(9-(8-(7+6)^5-4)*32)+1$
-11288233	G	$9-(8-7)^4+5*(4^3)^2+1$	-11881266	P	$-(9+8+((7+6)^5-4)*32)-1$
-11294216	G	$(9-(8*7^6-5)^4)*3+2-1$	-11881404	P	$-(9+8^*- (7+6)^5)*4+3^2-1$
-11294218	G	$(9-(8*7^6-5)^4)*3-2+1$	-11881537	G	$(9-8+(7+6)^5+4)^*-32-1$
-11294220	G	$(9-(8*7^6-5)^4)*3-2-1$	-11881770	G	$-9-(8+(7+6)^5+4)*32-1$
-11294234	G	$9-(8*7^6-5)^4*3+2-1$	-11881791	P	$-(9+8+(7+6)^5-4)*32+1$
-11294236	G	$9-(8*7^6-5)^4*3-2+1$	-11882049	G	$(9+8+(7+6)^5+4)^*-32-1$
-11294238	G	$9-(8*7^6-5)^4*3-2-1$	-11900485	G	$-9*8+(7-65^4)/3*2-1$
-11294338	G	$(9-(8*7^6+5)^4)*3-2+1$	-11923208	G	$-9*(8*76+543)^2+1$
-11294340	G	$(9-(8*7^6+5)^4)*3-2-1$	-11967278	G	$-9-8-76*54^3+2+1$
-11294356	G	$9-(8*7^6+5)^4*3-2+1$	-12000196	G	$(-9-8)/(7^4-6/((5+4)-3))^2+1$
-11294358	G	$9-(8*7^6+5)^4*3-2-1$	-12000200	G	$(-9-8)/(7^4-6/((5+4)-3))-(2*1)$
-11336688	G	$9*8*(7+6-(54^3+2)-1)$	-12008990	P	$-(9*(-8+7+6)*5+4)^3-(2-1)$
-11339982	P	$-9+(-8-7^*-(-(6*5)^4+3))^2+1$	-12051416	P	$-(9+8^7)*6+(5+4)^{(3*2)+1}$
-11340005	G	$9-(8-7^*(6*5)^4+3)^2*1$	-12075633	P	$-(9+(8+(-7-6)^5)*43)^2+1$
-11340010	P	$-(9+8+(-7*(6*5)^4+3)^*-2)+1$	-12095898	G	$-9-8*7*((6+54)^3-2)-1$
-11340024	G	$9+8-7*((6*5)^4+3)^2+1$	-12095941	G	$9*8-7*((6*5^4)^3+2)+1$
-11370159	P	$-(9+(8+7)^6)-5*(-4^4(3^2)+1)$	-12100682	P	$-(9-8^7)-(6*(5^4+3))^2-1$
-11389410	G	$9-(8-7)^6+5*(4-3)^2+1$	-12117358	P	$(-9-8-(7+6)^5)^4+3)^*(2-1)$
-11390209	P	$-(9+(8+7)^6)+5*(43^2-1)$	-12124324	P	$-(9-8+(-7-6)^5)*43^2*1$
-11390784	G	$-9-(8-7)^6-(5+(4*3)^2+1)$	-12138265	G	$-9*(876-5)^4/3)^2+1$
-11391069	P	$-(9+(8+7)^6)-5*(43^2+1)$	-12149933	G	$-9+(-8-7)*((6*5)^4-(3+2))+1$
-11392416	G	$-9-(8+7)^6-54*(32+1)$	-12150065	G	$9+(-8-7)*((6*5)^4-(3-2))+1$
-11392799	G	$-9-(8+7)^6-5*(432+1)$	-12160009	G	$-9-8*76*5^4*32*1$
-11407491	G	$9-(8+7)^6-5^4*3^2(2+1)$	-12187089	P	$-(9+(8-(-7-6)^5)*43)^2+1$
-11411119	P	$-(9+(8+7)^6)-5*(4^4(3^2)+1)$	-12188473	G	$(9-8^7)*6+(5^4+3)^2+1$
-11414634	G	$-9-(8+7)^6-(5^4)^3(2+1)$	-12188538	P	$-(9+8^7*6)+(5^4+3)^2-1$
-11463614	G	$-9*(87*(6+5)^4-32)+1$	-12196038	G	$-9-8^7*6+(5^4-3)^2-1$
-11498881	P	$-((-9*(8-76^5)+43)^2*1$	-12252554	P	$-9-8+(-7+6)^5+4)^*(32+1)$
-11505664	P	$-(((9+8-7)^*-6+5)^4*3)^2*1$	-12252810	P	$-9+(8-(-7+6)^5+4))^*- (32+1)$
-11523976	G	$-98*7^6+5^4/3^2-2+1$	-12255100	G	$(9-(8-7^6+5^4)/3)/2+1$
-11523978	G	$-98*7^6+5^4/3^2-2-1$	-12255102	G	$(9-(8-7^6+5^4)/3)/2-1$
-11524171	P	$-(98/7^4-6-5432)-1$	-12255109	G	$(9+(8-7^6+5^4)/3)/-2+1$
-11524302	G	$98*(-7^6+54)+3^2-1$	-12255111	G	$(9+(8-7^6+5^4)/3)/-2-1$
-11525017	G	$98*(-7^6+5)+4^4(3^2)-1$	-12272905	P	$-(9-8^7)-6^5*(43^2-1)$
-11527264	G	$98*(-7^6+5)+43^2-1$	-12288010	P	$-(9+8^7)*6+543^2-1$
-11527347	P	$98*(-7^6+5^4)+3)^2-1$	-12288118	G	$(-9-8^7)*6+543^2-1$
-11528089	G	$98*(-7^6+5)+4^4(3+2)-1$	-12320782	G	$-9-8^7*6-5+4^4(3^2*1)$
-11528244	G	$-98*(7^6+5)+43^2-1$	-12320785	P	$-9-8+(7^6+5)^*-4^4-(-3^2*1)$
-11529027	G	$98*(-7^6+5)+43^2-1$	-12344993	G	$(-9876*5^4+3)^2+1$
-11530775	G	$-98*(7^6+5+4+3)+2+1$	-12383617	P	$-(9-8)-7^*-6*(-543^2+1)$
-11533621	G	$-98*(7^6+5+4+32)-1$	-12383633	P	$-(9+8)-7^*-6*(-543^2+1)$
-11534886	G	$-98*(7^6+5+4)+3^2-1$	-12383652	G	$-9+8-7*(6/543^2-1)$
-11534927	G	$98*(-7^6-54)-(32+1)$	-12383668	G	$-9-(8+7*(6/543^2-1))$
-11534991	G	$-98*(7^6+5+4+3-2)+1$	-12390400	P	$-((-9-(8-7)+65)^4*3)^2*1$
-11535022	G	$-98*7-(6+5)^4(3^2+1)$	-12419060	G	$9-8^7*(6-5^4-3)+2+1$
-11535119	G	$-9*87-(6+5)^4(3^2+1)$	-12432676	P	$-((-9+8-(7+5))^4*3)^2*1$
-11535226	G	$-98*7^6-5^4/3^2+1$	-12504838	G	$(-9-8^7)*6+5^4(4+3)+2+1$
-11535228	G	$-98*7^6-5^4/3^2-1$	-12504842	G	$(-9-8^7)*6+5^4(4+3)-2+1$
-11535323	G	$-987-(6+5)^4(3^2+1)$	-12517386	G	$-9-8^7*(6-(5-4)/32)-1$
-11535385	P	$-(-98*(-7^6+5-4^3)+2)+1$	-12536632	P	$-(-9+8^7)*6+(5^4*3)^2+1$
-11560963	P	$-98*(7^6-5^*-4^3)+2)+1$	-12556613	P	$-(-9+8^7)*6+(54^3)^2+1$
-11562797	P	$(9*8+76)*(-5^4-(-4-3)-2)-1$	-12562418	P	$-(-9+8^7*6)-5*(-4^4(3^2)-1)$
-11562944	P	$(9*8+76)*(-5^4-(-4-3)-2-1)$	-12566922	P	$-(9+8^7*6)+(5^4)^3*2-1$
-11648724	G	$-9-8-7*((6*5^4*3)^2+1)$	-12577295	G	$-9-8^7*6+5^4*3^2+1$
-11655396	P	$-((-9-87^*-6+5^4)*3)^2*1$	-12577297	G	$-9-8^7*6+5^4*3^2-1$
-11670728	P	$9*-8*7^6-(5^4)^4-(-3-2)^*1$	-12577340	G	$(-9-8^7)*6+5^4*3^2+1$
-11716929	P	$-(9*(8*7^6+54)+3)^2*1$	-12577342	G	$(-9-8^7)*6+5^4*3^2-1$
-11718766	P	$-(9+8-7)-6*(5^4(4+3+2)+1)$	-12577436	P	$-9^4(-8-7)+6*(5^4*3-2)+1$
-11718780	G	$((9-8)-7)*(6+5^4(4+(3+2)))-1$	-12577438	P	$-9^4(-8-7)+6*(5^4*3-2)-1$
-11719442	G	$-98*7-6*(5^4(4+(3+2)))+1$	-12577796	P	$-(9+8^7*6)+5*(4^4(3+2)+1)$
-11719539	G	$-9*87-6*(5^4(4+(3+2)))+1$	-12578768	P	$-((-9+8^7)*6+5)+4^4(3^2)-1$
-11732169	P	$98/-(7^4(-6-(-5-4))+3)^2-1$	-12578876	P	$-((-9-8^7)*6+5)+4^4(3^2)-1$
-11777517	P	$-(9+(8+7)^6+(5^4-3)^2)+1$	-12579610	G	$(9-8^7)*6+(54+3)^2-1$
-11791751	G	$-98*7^6-5-4^4(3^2*1)$	-12579718	G	$(-9-8^7)*6+(54+3)^2-1$
-11830682	P	$-(9-8^7)-(6*(5^4+3))^2-1$	-12580258	G	$(9-8^7)*6+(54-3)^2-1$
-11874916	P	$-(9/(87-6^5*4+3))^2*1$	-12580555	G	$(9-8^7)*6+(5+43)^2-1$
-11875099	G	$-98-76/5^4(-4-3)^2-1$	-12580663	G	$(-9-8^7)*6+(5+43)^2-1$
-11880000	G	$(9+87)^*-6/(5^4-4/(32+1))$	-12581415	G	$(9-8^7)*6+(5-43)^2-1$

-12581602	G	$(9-8^7)^*6+(5^4+3)^*2^*1$	-13329801	P	$-(9+87-6^*5^4+3)^{\wedge}2^*1$
-12581686	G	$(-9-8^7)^*6-5^*4^{\wedge}(3+2-1)$	-13344409	P	$-(9^*8+7-6^*-(5^{\wedge}4+3))^{\wedge}2^*1$
-12581948	P	$(-9+8^7)^*6-5^{\wedge}4^{\wedge}(3+2)-1$	-13359025	P	$-(9+8)^{\wedge}(7-6)^*5^*43^{\wedge}2^*1$
-12582429	G	$(9-8^7)^*6+5^*43^*2-1$	-13366336	P	$-(98-7-6^*5^4+3)^{\wedge}2^*1$
-12582612	P	$-(9+8^7*6)+5^*(4^3-2)-1$	-13409066	P	$-(9-(8-7^*6)^*(5^{\wedge}4+3)^{\wedge}2)-1$
-12583252	P	$-(9+8^7*6)-5^*(4^3+2)-1$	-13424897	P	$-(9-(-8-7^*(6+5))^*43)^{\wedge}2-1$
-12583473	G	$(-9+8^7)^*6-5^{\wedge}4+3^{\wedge}2+1$	-13432371	P	$-(9-8^*7+6-5)^{\wedge}4^*3-2-1$
-12583581	G	$(-9-8^7)^*6-5^{\wedge}4+3^{\wedge}2+1$	-13436882	P	$-9+8^*(7-6^{\wedge}-(-5-4)/(3^*2))-1$
-12583636	P	$-(9+8^7*6)-5^*((4^*3)^{\wedge}2-1)$	-13436994	G	$-9-8^*(7+6^{\wedge}(5+4-(3-2)))^{\wedge}2-1$
-12583996	P	$(-9+8^7)^*6-5^{\wedge}4^{\wedge}(3+2)-1$	-13530248	G	$-9-87^*6^{\wedge}5^*4^*(3+2)+1$
-12584102	G	$(9-8^7)^*6-(5^{\wedge}4-3)^*2^*1$	-13540561	G	$(9^{\wedge}8-(7+6)^{\wedge}5^*43)/(3+2)^*1$
-12584114	G	$(9-8^7)^*6-(5^{\wedge}4+3)^*2^*1$	-13592716	G	$-9+87^*(6-5^{\wedge}4+3)^*2-1$
-12584315	G	$(9-8^7)^*6-(5+4)^{\wedge}3^*2+1$	-13631439	G	$((9-8^7)^*6-5-4^{\wedge}(3^{\wedge}2+1))$
-12584703	P	$(-9+8^7)^*6+5-43^{\wedge}2-1$	-13634643	P	$98/-(76^*5-4-3)^{\wedge}2-1$
-12584742	G	$(-9+8^7)^*6-(5^{\wedge}4+3)^*(2+1)$	-13638249	P	$-((-9+(8^*7+6)^*5^*4)^*3)^{\wedge}2^*1$
-12586960	P	$(-9+8^7)^*6+5-4^{\wedge}(3^*2)-1$	-13643538	G	$9^{\wedge}8+76^*(5^{\wedge}4-3)^{\wedge}2-1$
-12587068	P	$(-9-8^7)^*6+5-4^{\wedge}(3^*2)-1$	-13643613	G	$-9^{\wedge}8+76^*((-5^{\wedge}4+3)^{\wedge}2-1)$
-12588036	P	$(-9+8^7*6)-5^*(4^{\wedge}(3+2)-1)$	-13671941	G	$-9-8-7^*(6-(-5^{\wedge}(4+3+2)-1))$
-12588483	G	$(9-8^7)^*6-5^{\wedge}4^*3^{\wedge}(2^*1)$	-13671947	G	$-9^*8-7^*(6-5+4)^{\wedge}(3^{\wedge}2^*1)$
-12588545	G	$-9-8^7*6-5^{\wedge}4^*3^{\wedge}2+1$	-13671973	G	$-98-7^*(6-5^{\wedge}4)^{\wedge}(3^{\wedge}2^*1)$
-12588547	G	$-9-8^7*6-5^{\wedge}4^*3^{\wedge}2-1$	-13671988	G	$-9^*8-7^*(6+5^{\wedge}(4+3+2))+1$
-12588590	G	$(-9-8^7)^*6-5^{\wedge}4^*3^{\wedge}2+1$	-13671996	G	$-9^*8-7^*(6+(5^{\wedge}(4+(3+2))+1))$
-12588592	G	$(-9-8^7)^*6-5^{\wedge}4^*3^{\wedge}2-1$	-13672016	G	$-98-7^*(6+5^{\wedge}(4+3+2))-1$
-12590922	G	$-9-8^7*6-(5^*4)^{\wedge}3-2+1$	-13690000	P	$-((-9-8^7)-6/5^{\wedge}4-4+3)^{\wedge}2^*1$
-12598922	P	$(-9+8^7*6)-(5^*4)^{\wedge}3^*2-1$	-13699378	G	$-9-87^*6^*(54^*3)^{\wedge}2-1$
-12603378	P	$(-9+8^7*6)-5^*(4^{\wedge}(3^*2)-1)$	-13716520	G	$98^*(-7+6^{\wedge}(-5-4^*-3))/-2+1$
-12648458	G	$-9-8^7*6+(5-4)/32-1$	-13716522	G	$98^*(-7+6^{\wedge}(-5-4^*-3))/-2-1$
-12681226	P	$-9-8^7*(-6+(5/4)^{\wedge}3-2)-1$	-13717206	G	$98^*(-7-6^{\wedge}(-5-4^*-3))/2+1$
-12701354	G	$-9-(8+7)^{\wedge}6-5^*4^{\wedge}(3^{\wedge}2^*1)$	-13717208	G	$98^*(-7-6^{\wedge}(-5-4^*-3))/2-1$
-12705902	G	$(98-7^{\wedge}6^*54-3)^*2^*1$	-13734436	P	$-(9-8^*7-6/-5^{\wedge}4-3)^{\wedge}2^*1$
-12705942	G	$(9^*8-7^{\wedge}6^*54+3)^*2^*1$	-13737842	G	$-9+8-(7+6)^{\wedge}5^*(4^*3^{\wedge}2+1)$
-12705954	G	$(9^*8-7^{\wedge}6^*54-3)^*2^*1$	-13737858	P	$-(9+8)-(7+6)^{\wedge}5^*((4+32)+1)$
-12705988	G	$98-(7^{\wedge}6^*54-3)^*2^*1$	-13748565	G	$(9^{\wedge}8-7^*(6^{\wedge}(5+4)-3))/2^*1$
-12706000	G	$98-(7^{\wedge}6^*54+3)^*2^*1$	-13748574	G	$(9^{\wedge}8-7^*6^{\wedge}(5+4)+3)/2^*1$
-12706014	G	$9^*8-(7^{\wedge}6^*54-3)^*2^*1$	-13748577	G	$(9^{\wedge}8-7/6^{\wedge}(-5-4)-3)/2^*1$
-12706026	G	$9^*8-(7^{\wedge}6^*54+3)^*2^*1$	-13748586	G	$(9^{\wedge}8-7^*(6^{\wedge}(5+4)+3))/2^*1$
-12706052	G	$(9+8-7^{\wedge}6^*54+3)^*2^*1$	-13763411	G	$9^*(8-7^{\wedge}6+5)^*(4+3^{\wedge}2)+1$
-12706061	G	$9+(8-7^{\wedge}6^*54+3)^*2^*1$	-13764583	G	$9^*(8-7^{\wedge}6-5)^*(4+3^{\wedge}2)-1$
-12706069	G	$9+8-(7^{\wedge}6^*54-3)^*2^*1$	-13768635	G	$-9^{\wedge}8+(7^*6+5)^{\wedge}4^*(3+2+1)$
-12706073	G	$9+(8-7^{\wedge}6^*54-3)^*2^*1$	-13824010	G	$-9-((8-(7-65)^*4)^{\wedge}3+2-1)$
-12706074	G	$9+(8-7^{\wedge}6^*54-3)^*2-1$	-13828610	G	$-9^{\wedge}8+(-7^*(-6-5)^*4)^{\wedge}3-2+1$
-12706080	G	$9+8-(7^{\wedge}6^*54+3)^*2+1$	-13828612	G	$-9^{\wedge}8+(-7^*(-6-5)^*4)^{\wedge}3-2-1$
-12706081	G	$9+8-(7^{\wedge}6^*54+3)^*2^*1$	-13845831	P	$-(98-7^*6+5)^{\wedge}4+3^{\wedge}2+1$
-12706104	G	$9-(8+7^{\wedge}6^*54+3)^*2+1$	-13845845	P	$-((98-7^*6+5)^{\wedge}4+3+2)+1$
-12706105	G	$9-(8+7^{\wedge}6^*54+3)^*2^*1$	-13853284	P	$-((-9+8)+7-6^*(-5^{\wedge}4+3))^{\wedge}2^*1$
-12710834	G	$-9-8^*7^*((65-4)^{\wedge}3-2)-1$	-13875643	P	$-(9+8)-(7-6^*(-5^{\wedge}4+3))^{\wedge}2-1$
-12711058	G	$-9-8^*7^*((65-4)^{\wedge}3+2)-1$	-13883534	G	$-9+(-8-7^*6)^*(5+4^{\wedge}3)^*2+1$
-12813610	P	$(-9^{\wedge}8-(7+6^{\wedge}(5+4))^*3-2)^*1$	-13927829	G	$9-(8+7+6^*(-5^{\wedge}4+3))^{\wedge}2+1$
-12813625	G	$-9^{\wedge}8+7+6^{\wedge}(5+4)^*3+2-1$	-13927847	P	$-(9+8+7)-(6^*(-5^{\wedge}4+3))^{\wedge}2+1$
-12814375	P	$(9^*(8+7)^{\wedge}6-5^{\wedge}4)/-(3^{\wedge}2-1)$	-13934474	G	$-9-(8^*7^*6^{\wedge}5-4)^*32-1$
-12836864	P	$(9-(8-(7+6))^{\wedge}5)^*(-4^{\wedge}(3^*2)^*1)$	-13934711	P	$9+(8^*7^*6^{\wedge}5+4)^*(-32^*1)$
-12837889	P	$-(-98^*(7+6^*5)+43)^{\wedge}2^*1$	-13934712	G	$9-(8^*7^*6^{\wedge}5+4)^*32-1$
-12840322	G	$-98^*7^{\wedge}6-5^*4^{\wedge}(3^{\wedge}2^*1)$	-13934729	P	$-9+(8^*7^*6^{\wedge}5+4)^*(-32^*1)$
-12845060	G	$-9-8^7*6+5-4^{\wedge}(3^{\wedge}2^*1)$	-13935288	P	$-(-98/7-6/-5^{\wedge}4-3)^{\wedge}2+1$
-12845070	G	$-9-8^7*6-5-4^{\wedge}(3^{\wedge}2^*1)$	-13941825	G	$-9-8^*7^*((6^{\wedge}5+4)^*32+1)$
-12845105	P	$(-9-8^7)^*6+5-4^{\wedge}(-3^{\wedge}2^*1)$	-13964998	G	$98^*7^*5^{\wedge}4^*-3+2^*1$
-12931216	P	$(-9-8^*-7^*65-4)^{\wedge}3^*2^*1$	-13980121	P	$-(9-8+7-6^*5^4+3)^{\wedge}2^*1$
-12960170	P	$-9+8^*(-7-(6^*5)^{\wedge}4+3)^*-2-1$	-13980139	P	$-(9+8)-(7-6^*(-5^{\wedge}4+3))^{\wedge}2-1$
-12969806	G	$-9-8^7*6-(5^{\wedge}4-3)^{\wedge}2-1$	-14000183	G	$(-9-8)^*(7^{\wedge}(6+5-4)-3)^{\wedge}2-1$
-12977306	G	$-9-8^7*6-(5^{\wedge}4-3)^{\wedge}2-1$	-14000284	G	$(-9-8)^*(7^{\wedge}(6+5-4)+3)^{\wedge}2-1$
-12993750	G	$(-98-7)^*6/(5^{\wedge}4/(32+1))$	-14000285	G	$(-9-8)^*(7^{\wedge}(6+5-4)+3)^{\wedge}2-1$
-13073613	G	$-9^{\wedge}8+76^*((5^{\wedge}4+3)^{\wedge}2-1)$	-14000332	G	$(-9-8)^*(7^{\wedge}(6+5-4)+3^{\wedge}2)+1$
-13111641	P	$-((-9-(8^*7+6))^*(54-3))^{\wedge}2^*1$	-14000334	G	$(-9-8)^*(7^{\wedge}(6+5-4)+3^{\wedge}2)-1$
-13147876	P	$-(98^*(7+6^*5)^{\wedge}(4-3))^{\wedge}2^*1$	-14047504	P	$-((-9-8)^{\wedge}7-6^*-5^{\wedge}4-3)^{\wedge}2^*1$
-13176650	G	$-9-8^*(7^{\wedge}(6+(5-4))-3)^*2-1$	-14094096	G	$-9-87^*((6^*5)^{\wedge}4/(3+2)+1)$
-13213225	P	$-((-9-8)^*(7^*6^*5+4)+3)^{\wedge}2^*1$	-14095731	P	$9^*8^*-7^{\wedge}6+5^{\wedge}(4+3)^{\wedge}2-1$
-13226935	P	$-(9-8)-7^*6^*(54^{\wedge}3^*2-1)$	-14107535	G	$-9^*(8-7^*(6+54)^*3)^{\wedge}2+1$
-13235122	G	$-9^{\wedge}8+(7^*65^*4^*3)^{\wedge}2-1$	-14107537	G	$-9^*(8-7^*(6+54)^*3)^{\wedge}2-1$
-13264164	P	$-(98+7-6^*5^4+3)^{\wedge}2^*1$	-14117895	P	$-(9+8^*7^{\wedge}6^*5-4)^*3^{\wedge}(2-1)$
-13289338	G	$-9+(8-((7^*6+5)^*4)^{\wedge}3)^*2-1$	-14128806	P	$(9+8+7-65)^{\wedge}4^*-3+2-1$

-14145139	P	$-(9+8)-(7-6*(5^4+3))^2-1$	-15252993	P	$-(9^4((8+7)/6)+5)^4(4-(3-2))-1$
-14155772	G	$(9-(8-7))^6*54+32-1$	-15320733	P	$-98*(7*6+5^4-(4-3))^2-1$
-14155807	G	$(9-(8-7))^6*54-32+1$	-15349811	P	$(-(987*6^5-4)+3)^2-1$
-14155809	G	$(9-(8-7))^6*54-32-1$	-15358798	G	$9*(8^7-6)+5^4*3^2-1$
-14171768	G	$-9+(-8-7)*6*5^4*3+2-1$	-15372798	G	$(-98*7^6+5)^4/3-2*1$
-14172496	G	$-9-8*(7/(-6+5)-4)^(3^2)+1$	-15372799	G	$(-98*7^6+5)^4/3-2-1$
-14190288	P	$-(-98/7-6/5^4-4-3)^2+1$	-15435001	G	$98*7*6*5^4*3^2-1$
-14190289	P	$-(-98/7-6/5^4-4-3)^2*1$	-15531610	G	$-9-8*7*6*(5^4*3)^2-1$
-14197829	G	$9-(8+7+(6*(5^4+3))^2)+1$	-15547030	P	$-(-9^8+7)-6*(5^4(4+3^2)-1)$
-14197847	P	$-(9+8+7)-(6*(5^4+3))^2+1$	-15547186	P	$-(9^8+76*(5+4^3))^2-1$
-14199127	P	$-(9+((8-(76+5))^4-3)/2)+1$	-15594323	P	$-(9+8)-(7+6)^5*((43-2)+1)$
-14199132	G	$9-((8-(76+5))^4+3)/2-1$	-15624665	G	$-9+8*(7*6+5^4(4+3+2)+1)$
-14203839	G	$(9^8-(7*6+5)^4*3)/(-2*1)$	-15624674	G	$-9-8*(-7*6+5^4(4+3+2))-1$
-14243076	P	$-((98*7-6^5/4)^3)^2*1$	-15624897	G	$-9+8*(7+6-5^4(4+3+2)+1)$
-14250643	P	$-(9+8)-(7-6*(5^4+3))^2-1$	-15625121	G	$-9-8*(7+6+5^4(4+3+2)+1)$
-14348653	G	$(9^8-765)/(-4+3-2)-1$	-15625346	P	$-(9+8*(7*6+5^4(4+3+2)))-1$
-14348764	P	$-(9^4((-8-7)/-6+5)-(4^3)^2)-1$	-15625353	G	$-9-8*(7*6+5^4(4+3+2)+1)$
-14348971	P	$-9^4-((-8-7)/6-5)-4^4(-3*(-2+1))$	-15625618	G	$-9-8*(76+5^4(4+3+2))-1$
-14349052	P	$-(9^4((-8-7)/-6+5)+(4^3)^2)-1$	-15684552	P	$-9*(8-7*(6^5+4)^3-(32^4))$
-14349113	G	$-(9/8-(7+6))^5*5^4*3^2+1$	-15728814	P	$-9+(-8-7)^3*(-6-5-4^4(3^2+1))$
-14350785	P	$-(-(-9^4(8-(7-6))-5^4)*3+2)-1$	-15752992	P	$-(9*(8-(7-6)^5))^4-32+1$
-14376600	P	$9+(8+7)^6*-(5/4)^(3^3-2)+1$	-15782922	P	$-(9+8^7*6)-(5^4)^4(3+2)-1$
-14385601	P	$-(9-8)^7-6^5*(43^2+1)$	-15845642	G	$-9/8*(7+(6^5*4+3))^2+1$
-14390696	G	$9^8+(-7-6^5)^4*3^2-1$	-15859722	G	$-9-(8^7*(6/5^4-4-3))^2+1$
-14409616	P	$-(98*7*6-5/4^4-3)^2*1$	-15882288	G	$9*(8-7^6*5+4)^3+2+1$
-14417209	P	$-(-9-8*7-6*(5^4-3))^2*1$	-15882290	G	$9*(8-7^6*5+4)^3+2-1$
-14417930	G	$-9-8^7*(6+(5/4-3)/-2)-1$	-15882292	G	$9*(8-7^6*5+4)^3-2+1$
-14440000	P	$-((9/8-(7+6))^5*5^4*3)^2*1$	-15882294	G	$9*(8-7^6*5+4)^3-2-1$
-14493249	P	$-((-9-87/6)^5*5^4*3)^2*1$	-15882504	G	$9*(8-7^6*5-4)^3+2+1$
-14500864	P	$-((-9-8)^7*(6+5-43))^2*1$	-15882508	G	$9*(8-7^6*5-4)^3-2+1$
-14531344	P	$-(-9*8+7-6*5^4+3)^2*1$	-15882510	G	$9*(8-7^6*5-4)^3-2-1$
-14580955	G	$-9*(8^7+(6*5)^4-3)^2-1$	-15946881	P	$-9+(8+7)^6/5^4*(4+3)+2+1$
-14581061	G	$9*(8^7+(6*5)^4+3)^2-1$	-15956362	G	$-9-8*76*(5^4*3)^2-1$
-14590633	P	$-(9+(8+7)^6)-(5^4)^4-(-3-2)+1$	-15961113	G	$(-9+((8^7-6^5(5+4))-3))^2-1$
-14609060	G	$-9+(8-(-7*(-6-5)^4)^3)/2+1$	-15984004	P	$-(98+((7-6-5)^4)^3)^2*1$
-14630922	G	$-9-8^7*(6+(5/4)^3/2)-1$	-16000252	G	$9-8*7^6*(5^4*3)+2+1$
-14649984	P	$(9-(8+7))^6*(-5^4-3)/(-2*1)$	-16000254	G	$9-8*7^6*(5^4*3)+2-1$
-14679619	G	$-9+(-8^7+65)^4(4+3)-2+1$	-16000256	G	$9-8*7^6*(5^4*3)-2+1$
-14683713	G	$-9-8*7*(65+4^4(3^2+1))$	-16000258	G	$9-8*7^6*(5^4*3)-2-1$
-14683809	G	$-9+8*(7^6-5^4(4+3+2)+1)$	-16008001	P	$-(98-(7+6-5)^4-4)^2*1$
-14696714	P	$-9^8-7*((6*5)^4*(3+2)-1)$	-16009867	P	$98*7*(-(6^5+4)^3+2)+1$
-14706222	G	$-98+7^6/5^4-4/(-3-2)+1$	-16024986	P	$-(9+8^7)-(6*(-5^4+3))^2-1$
-14734484	G	$(9-((8^7+6^5)^4(4+3)-2))+1$	-16040115	G	$-9*(8^7+(6-5^4*3)^2)-1$
-14782498	G	$9-876*5^4*3+2*1$	-16100620	P	$-9^8-7*(-(65^4*3)^2+1)$
-14782509	G	$9*(-876*5^4*3-2+1)$	-16139607	P	$(9^8-(-7+6^5))/4/3^2-(2*1)$
-14830201	P	$-(-(-9-8)^7-6*(5^4+3))^2*1$	-16142490	P	$(-9^8+76+5)/4/3^2-(2*1)$
-14837903	G	$-9*(8-76*(5+4^3))^2+1$	-16142496	P	$(9^8+(-7-6)^5)/4/3^2-(2*1)$
-14837905	G	$-9*(8-76*(5+4^3))^2-1$	-16142538	P	$(9^8+7^6+5)/4/3^2-(2*1)$
-14906260	P	$-(9+(8+7)^6)-(5^4*3)^2-1$	-16142547	P	$(-9^8+76+5)/4/3^2-(2*1)$
-15046640	G	$-9/(((8-7)^6+5)^4-3)^2-1$	-16145439	P	$(9^8-(-7-6^5))/4/3^2-(2*1)$
-15046642	G	$-9/(((8-7)^6+5)^4-3)^2-1$	-16147951	G	$(9-87)/(65^4(-4-3))^2-1$
-15058167	G	$9+(8-(7^6-5)^4)^3*2*1$	-16168440	P	$-(-98*(7+6-5+4)^3)^2+1$
-15058333	G	$98-(7^6-5)^4*32+1$	-16168442	P	$-(-98*(7+6-5+4)^3)^2-1$
-15058335	G	$98-(7^6-5)^4*32-1$	-16172862	G	$-9^8+(7+65)^4+3^4(2-1)$
-15058414	G	$9+8-(7^6-5)^4*32+1$	-16172872	G	$-9^8+(7+65)^4-3^2-1$
-15058416	G	$9+8-(7^6-5)^4*32-1$	-16232840	P	$-(9*8-76*5+3)^2+1$
-15059613	G	$98-(7^6+5)^4*32+1$	-16232842	P	$-(9*8-76*5+3)^2-1$
-15059615	G	$98-(7^6+5)^4*32-1$	-16234466	G	$-9+(8-7^6)^5(5+4^3)^2+1$
-15059959	G	$9-(8+(7^6+5)^4)^3*2*1$	-16249144	P	$-(9+8)-7*6*(-5^4+3)^2+1$
-15060735	P	$-(9*8+(7^6-5)^4)^3*2+1$	-16270772	G	$-9^8+(-7-65^4)^3-3/2+1$
-15060737	P	$-(9*8+(7^6-5)^4)^3*2-1$	-16270793	G	$-9^8+(-7+65^4)^3/2+1$
-15062015	P	$-(9*8+(7^6+5)^4)^3*2+1$	-16281224	G	$-9*(8-(7^6-5-4)^3)^2+1$
-15062017	P	$-(9*8+(7^6+5)^4)^3*2-1$	-16281226	G	$-9*(8-(7^6-5-4)^3)^2-1$
-15111424	G	$-9-(8-7*(6+5))^4/3^2-1$	-16294986	P	$-(9+8^7)-(6*(5^4+3))^2-1$
-15120017	P	$-9-8*(-7*(6^5)^4/3-(2-1))$	-16336430	P	$-(9+(8+7+6)^5)^4+3^2+1$
-15120026	G	$-9-8*(7*(6^5)^4/3+2)-1$	-16336902	G	$-9-8*(7+6)^5*(4+3/2)-1$
-15156249	G	$(98-7+6)/-5^4(-4-3)^2+1$	-16353936	P	$-(9-8^7(-7+6+5+4)^3)^2+1$
-15187967	G	$-9*(8^7+6*(5^4*3))^2+1$	-16376474	G	$-9-8*(7+6)^5(5^4*3+2)-1$
-15204371	G	$-9-8^7*(6+5/4)^3-2-1$	-16378209	G	$-9*(8^7-6/(5^4*3))^2-1$
-15237628	G	$-98*((-7+6^5*4)^3(3+2)+1)$	-16402734	P	$9*(-8^7-65^4(-4+3-2)-1)$

-16467209	P	$-(9+8^7)-6^5*(43^2-1)$	-17218691	G	$(9^8-7+6+5)/(-4+3/2)-1$
-16470627	G	$9-(8-7^6*5)*(4-32)^*1$	-17222500	P	$-(9+8-7-65^4*3)^2*1$
-16471075	G	$9+(8+7^6*5)*(4-32)^*1$	-17227184	G	$-9-((8-7)+6)^5*(4^(3+2)+1)$
-16475480	G	$-9*((8-7^6*5-4)^3)^2+1$	-17241921	P	$-(9^8-7*(6^5/4^3-3)^2)^*1$
-16475482	G	$-9*((8-7^6*5-4)^3)^2-1$	-17241928	P	$-9^8-7*(-6^5/4^3-3)^2+1$
-16511065	G	$-9^8+7*((6^5/4+3)^2-1)$	-17264024	G	$-9*(8+(7^6*5+4)^3)^2+1$
-16532356	P	$-(-9*(8-7^6*5)+43)^2*1$	-17264026	G	$-9*(8+(7^6*5+4)^3)^2-1$
-16564144	P	$-(9+8)-7^6*(5^4+3)^2+1$	-17293674	G	$-(98*(7^6*5-4)^3/(2^*1))$
-16566202	G	$-9-8*(7^6+5^4(4+3+2))-1$	-17295160	P	$-((-98/7)^6+5^4(-4^3-3-2))+1$
-16566209	G	$-9-8*(7^6+5^4(4+3+2)+1)$	-17301510	P	$-(9+8^7*(6+5)/4^3-2)+1$
-16575697	G	$-9^8+(7*(6+(5+4)^3))^2-1$	-17301534	P	$-9*8^7-6*(5-4^4-(-3^2*1))$
-16594161	G	$(9^8-(76-5)^4*3)/(2^*1)$	-17305494	P	$-(-98-7)-(65/4^3-3)^2+1$
-16636011	P	$(9-(8-7^6))^*(5^4-3)^2+1$	-17334282	G	$-9-8/((7-6^5)^4*3)^2-1$
-16646408	P	$-(9+((-8+76)^5*4^3)^2)+1$	-17433001	G	$-9^8+(7*(6-(5+4)^3))^2-1$
-16654561	P	$-(9^8+7-65^4*3)^2*1$	-17438977	G	$-9*(87*(-6+54)/3)^2-1$
-16674361	G	$-9^8+7*((-6^5/4+3)^2-1)$	-17464040	P	$-(9^8+76^5*4+3)^2+1$
-16681160	G	$-9^8-76^5(5-(4-3))/2^*1$	-17464042	P	$-(9^8+76^5*4+3)^2-1$
-16715012	G	$-9-((-8^7+6^5)^4+3)^*-2-1$	-17520009	G	$-9-876^5*4^3*2^*1$
-16715024	G	$-9-((8^7-6^5)^4+3)^*-2-1$	-17535041	G	$-98*(76^5+43)^2+1$
-16740000	G	$9^*(87-6)^5*4^3*2^*1$	-17563654	G	$-9^8*7-6+5^4*(3^2*1)$
-16752649	P	$9-(8+(-7+6-5)^4+3)^2-1$	-17576095	G	$-9-87-((65^4)^3-2+1)$
-16752650	P	$-(9-(8-(-7+6-5)^4+3)^2))^*1$	-17576102	G	$-98-7-((65^4)^3-2-1)$
-16769035	P	$-9-(-8^7-(7-(6+5))+4-3)^2-1$	-17576104	G	$-98-7-((65^4)^3-2+1)$
-16776704	G	$-9+(-8^7+65)/4^3*2+1$	-17576528	G	$-9-(8-((7*(6+5))^4+3))/-2-1$
-16777306	P	$-(9-((-8^7-(6+5))^4+3)^2)+1$	-17576533	P	$-9-(8-((-7^6-6-5)^4+3))/2-1$
-16777738	P	$-(9-((8^7+65)^*-4+3)^2)+1$	-17576984	G	$-987-(65^4)^3+2+1$
-16777747	G	$-(9-(8^7+65)^4+3)^2+1$	-17576988	G	$-987-((65^4)^3+2)+1$
-16777801	G	$((-9-(8^7+65))^4+3)^2+1$	-17578684	P	$9^*(8^7-6+5^4(-4-(3+2))))-1$
-16785419	P	$-9-(8^7-(7-(6+5))+4-3)^2-1$	-17589636	P	$-(9^*(87-6)^5-(4-3))^2*1$
-16809999	P	$-(9-8-76^5*4+3)^2+1$	-17617501	G	$9^8*7^6-6^5*4^3*2-1$
-16810001	P	$-(9-8-76^5*4+3)^2-1$	-17635030	G	$-9^8+(76-5)^4+3^2+1$
-16823808	P	$-(9-8)+7^6*(-(-5-4-3)^2+1)$	-17635032	G	$-9^8+(76-5)^4+3^2-1$
-16823824	P	$-(9+8)+7^6*(-(5+4+3)^2+1)$	-17635034	G	$-9^8+(76-5)^4+3+2+1$
-16834609	P	$-(-9*(8+7^6*5)+4^3)^2*1$	-17635036	G	$-9^8+(76-5)^4+3+2-1$
-16839440	G	$-9-((8^7+6^5)^4+3)^2-1$	-17635047	G	$-9^8+(76-5)^4+3^2-1$
-16875663	P	$-9-8+76^5*4+3)^2+1$	-17635361	G	$-9-8^7*((-6+5^4)^3+2+1)$
-16875665	P	$-(9-8+76^5*4+3)^2-1$	-17636305	G	$-9-8*(7*(6+5^4)^3-1)$
-16878464	G	$-9-8^7*(6+5^4)^2+1$	-17656095	P	$-(9^8-(7+6)/5^4(-4-(3+2)))+1$
-16908543	G	$-9*((8+76^5*4)/3)^2+1$	-17656096	P	$-(9^8-(7+6)/5^4(-4-(3+2)))^*1$
-16908545	G	$-9*((8+76^5*4)/3)^2-1$	-17852474	P	$-(9^8-7)+6^5(5+4)^3(2+1)$
-16918128	G	$-9^8*((7^6-5^4)^3)^2*1$	-17853706	G	$-9-8^7*6^5*(43-2)-1$
-16941016	P	$-(-9+(-8+7^6+5)/(4^3)^2)-1$	-17904671	G	$(-9-8)*(7^6-5^4)/3^2-2+1$
-16941469	P	$-(9-8/(7^6-6/(-5-4))^3)^2-1$	-17904673	G	$(-9-8)*(7^6-5^4)/3^2-1$
-16941898	G	$-9+(-8-7^6+5)/(4^3)^2-1$	-17909823	P	$-(98-7*(6+5^4)+3)^2+1$
-16943336	G	$-9+(-8-7^6-5)/(4^3)^2+1$	-17943696	P	$-(9^8-7-6*(5^4-3))^2*1$
-16964784	G	$-9^8*((7^6+5^4)^3)^2*1$	-17962571	G	$-9^8+7*((-6-5^4)^3)^2+1$
-17007375	P	$-(9+8+76^5*4+3)^2+1$	-17994671	G	$((-9-8)/7^6-6+5^4)/3^2-2+1$
-17007377	P	$-(9+8+76^5*4+3)^2-1$	-17994672	P	$-((9+8)*7^6-5^4)^3*(2^*1)$
-17039313	G	$-9+8^7-65^4*(3^2*1)$	-17998920	P	$(-9-8)*(7^6-(5+4))/(-3^2-2^*1)$
-17039374	G	$-98/7-65^4*(3^2*1)$	-17999496	P	$((-9-8)^*-(-7^6+5)+4)/(-3^2-2^*1)$
-17039384	G	$-9-8-7-65^4*(3^2*1)$	-17999811	P	$-((9+8)*7^6-5^4)^3*(2^*1)$
-17039425	G	$-9-8^7-65^4*(3^2*1)$	-18000216	P	$-((9+8)*7^6-5^4)^3*(2^*1)$
-17039456	G	$-9-87-65^4*(3^2*1)$	-18000289	G	$(-9-8)/(7^6-6/(5+4))+3^2-1$
-17039465	G	$-98-7-65^4*(3^2*1)$	-18000378	P	$-((9+8)*7^6+5^4)^3*(2^*1)$
-17039864	G	$-9^8*7-65^4*(3^2*1)$	-18000783	P	$-((9+8)*7^6+5^4)^3*(2^*1)$
-17040046	G	$-98*7-65^4*(3^2*1)$	-18005921	G	$((-9-8)/7^6-6+5^4)/3^2-2+1$
-17040143	G	$-9^8*7-65^4*(3^2*1)$	-18005922	P	$-((9+8)*7^6+5^4)^3*(2^*1)$
-17040347	G	$-987-65^4*(3^2*1)$	-18055839	P	$-9^8-7*(65^4/(-3+2)-1)$
-17040383	G	$-9*(8+76^5*4/3)^2+1$	-18072384	G	$-9^8+((-7+65)^4)^3*2+1$
-17040385	G	$-9*(8+76^5*4/3)^2-1$	-18095921	G	$(-9-8)*(7^6+5^4)/3^2-2+1$
-17079479	P	$-(9-8)-(7+6)^5*((43+2)+1)$	-18095923	G	$(-9-8)*(7^6+5^4)/3^2-1$
-17084167	G	$(9^8-7+6)/(5/(4^3-3-2))^*1$	-18173169	P	$-(98*(-7+65)/4^3)^2*1$
-17095041	G	$9-(8+7)^6*(5^4-4+3)/(2^*1)$	-18193759	G	$-9-(8+(7+6)^5)*(4+3)^2-1$
-17095059	G	$-9-(8+7)^6*(5^4-4+3)/(2^*1)$	-18224361	P	$-(98+7+6/(-5+4))^3*(2^*1)$
-17126496	G	$-9^8-(-7-(6^5)^4)^3*2+1$	-18273653	P	$9^8*7^6*(-6^5+4)^3+2+1$
-17126729	P	$-(9^8+7)+(6^5)^4*3^2-1$	-18301252	P	$-(9+((8^7-6+5)^4-3)^2)+1$
-17126944	P	$-9^8+(-7+(6^5)^4)^3*2+1$	-18301261	P	$-(9+(8^7-6+5)^4-3)^2+1$
-17156164	G	$-9*((87-6)^5+4^3)^2*1$	-18301266	G	$-9-((-8^7+6-5)^4+3)^2-1$
-17205904	P	$-(9+8^7(-7+6+5)+4^3)^2*1$	-18331434	G	$(9^8-7^6*(5+4))/3*(2^*1)$
-17210239	P	$(-9-(8-(7+6)))^5+4^3*2+1$	-18344089	P	$-(98-(7+6)/(5+4)^3)^2*1$

-18396402	G	$-9 \cdot 8^7 \cdot ((65+4)^3 - 2) - 1$	-18872760	G	$9^* \cdot (-8^7 + 65) + 4^4 \cdot (3+2) - 1$
-18437303	P	$-9^8 \cdot 7^* \cdot (-6 + (5^4 \cdot 3)^2) + 1$	-18876239	G	$9^* \cdot (-8^7 - 6^* \cdot 5^* \cdot (4+3) + 2) + 1$
-18437311	P	$-9^8 \cdot 7^* \cdot (-6 + (5^4 \cdot 3)^2) + 1$	-18876868	G	$-9^* \cdot 8^7 - 6^* \cdot 5^4 / (3/2^*1)$
-18437387	G	$-9^8 \cdot 7^* \cdot (6 - (5^4 \cdot 3)^2) + 1$	-18876924	G	$-9^* \cdot 8^7 + 6^* \cdot (5 - (432 - 1))$
-18437395	G	$-9^8 \cdot 7^* \cdot (6 - (5^4 \cdot 3)^2) + 1$	-18878356	G	$-9^* \cdot (8^7 + 6 + 5 + 432) - 1$
-18479989	P	$-(9^* \cdot 8^7 + 6) + (5^4 + 3)^2 + 1$	-18879290	G	$-9^* \cdot (8^7 + 6 + 543 - 2) + 1$
-18487489	P	$-(9^* \cdot 8^7 + 6) + (5^4 - 3)^2 + 1$	-18879328	G	$-9^* \cdot (8^7 + 6 + 543 + 2) - 1$
-18507204	P	$-(9^* \cdot (-8 - 7^* \cdot (65 + 4) + 3))^2 + 2^*1$	-18880300	G	$-9^* \cdot (8^7 + 65 + 4 + 3 + 2) - 1$
-18517498	G	$9876^* \cdot 5^4 \cdot 3^2 + 2^*1$	-18884170	G	$9^* \cdot (-8^7 - (65 + 4^4 \cdot (3 + 2))) - 1$
-18541386	P	$-9^8 \cdot (-8 - 7) + 6^* \cdot (5^4 + 3) / (2^*1)$	-18890007	G	$-9^* \cdot 8^7 - (6^5 + 43)^2 - 1$
-18559387	G	$9^* \cdot (-8^7 + 6) + 54^3 \cdot 2 - 1$	-18891567	G	$-9^* \cdot (8^7 + 6^5 / 4 - 32 - 1)$
-18565059	G	$-9 \cdot (-8 + (7 + 6)^5)^* \cdot ((4 + 3)^2 + 1)$	-18896868	G	$-9^* \cdot (8^7 + 6^* \cdot 5^4 / (3/2^*1))$
-18567480	G	$-9^* \cdot (8 + 7^* \cdot (6 - 5^4) / 3)^2 + 1$	-18907571	G	$-9^8 + 7^* \cdot ((-6 + 5^4 \cdot 3)^2 + 1)$
-18567482	G	$-9^* \cdot (8 + 7^* \cdot (6 - 5^4) / 3)^2 - 1$	-18911809	P	$-(9^* \cdot (8^7 - 6^5 - 4^3) + 2) + 1$
-18579574	G	$-9^* \cdot (8^7 + 6) + 543^2 - 1$	-18944792	G	$9^* \cdot (-8^7 - 6^5 - (4 + 3)^2) + 1$
-18593360	P	$-(9 + 8) - (7^* \cdot (6 - (5^4 - 3)))^2 + 1$	-18957332	P	$-(9 + 8) - (7^* \cdot (6 - (5^4 - 3)))^2 + 1$
-18601969	P	$-(9 + 8 - 7^* \cdot (6 - 5^4) + 3)^2 + 1$	-18982922	G	$-9 - 8^7 \cdot (6 + (5/4)^{(3+2)}) - 1$
-18612235	G	$-9^* \cdot 8^7 - 6 - 5 + 4^4 \cdot (3^2 \cdot 1)$	-18992164	P	$-((-9 - (8 + 7^6)) / (-5 - 4) / 3)^2 + 2^*1$
-18612254	G	$-9^* \cdot 8^7 - 6^* \cdot 5 + 4^4 \cdot (3^2 \cdot 1)$	-18994368	G	$-9^* \cdot 8^7 - 6 / (5^4 - 4 / (32^*1))$
-18627857	P	$-(98 - 7^* \cdot (6 + 5^4) + 3)^2 - 1$	-18996601	P	$-(9 - 8^7) - 6^* \cdot ((5^4 \cdot 3)^2 - 1)$
-18640960	G	$(9^8 - 7^4 \cdot (6 - 5 + 4 + 3)) / (-2^*1)$	-18996608	G	$-9 + 8^7 - 6^* \cdot (5^4 \cdot 3)^2 - 1$
-18648317	G	$-9^8 + (7^6 + 5)^4 \cdot 3 + 2 - 1$	-18997249	G	$-9^* \cdot 8^7 - 6^* \cdot 5^4 \cdot 4^4 \cdot (3^2) - 1$
-18679685	P	$-((-98 - 7^* \cdot (6 + 5^4)) + 3)^2 - 1$	-19044495	P	$-9 - (876^* \cdot 5 + 4 + 3)^2 + 1$
-18688350	P	$(9^8 - 7^* \cdot ((6^5)^4 + 3)) / (-2^*1)$	-19044497	P	$-9 - (876^* \cdot 5 + 4 + 3)^2 - 1$
-18688359	P	$-((9^8 - 7^* \cdot (6^5)^4 + 3) / (2^*1))$	-19059102	G	$9 + (8 - 7^6 \cdot 5^4) \cdot 3 + 2 + 1$
-18688362	P	$(9^8 - 7^* \cdot (6^5)^4 + 3) / (-2^*1)$	-19059104	G	$9 + (8 - 7^6 \cdot 5^4) \cdot 3 + 2 - 1$
-18688371	P	$(9^8 - 7^* \cdot (-6^5)^4 + 3) / (-2^*1)$	-19059106	G	$9 + (8 - 7^6 \cdot 5^4) \cdot 3 - 2 + 1$
-18696976	P	$-(9^8 - 7^* \cdot (6 - (-5^4 + 3)))^2 + 1$	-19059153	G	$9 - (8 + 7^6 \cdot 5^4) \cdot 3^3 + 2 - 1$
-18705624	G	$-9^* \cdot ((-8 - 7^* \cdot (6 - 5^4)) / 3)^2 + 1$	-19059155	P	$-(9 + 8 + 7^6 \cdot 5^4 \cdot 3)^* \cdot (2 - 1)$
-18705626	G	$-9^* \cdot ((-8 - 7^* \cdot (6 - 5^4)) / 3)^2 - 1$	-19059236	P	$-(98 + 7^6 \cdot 5^4 \cdot 3)^* \cdot (2 - 1)$
-18712119	G	$(9^8 - (7 + 6^5)^4 \cdot 3) / (-2^*1)$	-19088161	P	$-((-9 - 8)^* \cdot (-7^6 - 5^* \cdot 43))^2 + 2^*1$
-18720000	P	$9^8 \cdot (-7 - 6) / (5^4 - 4 / (-32^*1))$	-19096899	P	$-(9 - 876^* \cdot 5 + 4 - 3)^2 + 1$
-18724497	G	$-9 - 8^* \cdot (-7^* \cdot (-6^5 \cdot 43 + 2) - 1)$	-19096901	P	$-(9 - 876^* \cdot 5 + 4 - 3)^2 - 1$
-18746727	P	$-(9^8 + 7) + (6^5)^4 \cdot (4 + 3 - 2) + 1$	-19112193	G	$-9^8 + 76 / 54^4 - 3^*2^*1$
-18751489	G	$-9^* \cdot 8^7 + 6^* \cdot 5^4 \cdot 4^4 \cdot (3^2) - 1$	-19112269	G	$-9^8 - 76^* \cdot (-54^3 \cdot 2 + 1)$
-18754368	G	$-9^8 + 76 / (5^4 - 4 / (32^*1))$	-19114392	P	$-(9 + ((8 - 7) + 6)^* \cdot 5^4 - 3)^2 + 1$
-18761538	G	$-9^8 + (7^* \cdot (-6 - 5)^4 \cdot 3)^2 - 1$	-19128736	G	$-9^* \cdot 8^7 + 6^5 - 4^4 \cdot (3^2 \cdot 1)$
-18783556	P	$-((-9 + 876)^5 + 4 - 3)^2 + 2^*1$	-19131906	P	$-(9^8 - (7 - 6) + 5)^4 \cdot 4 - (3^2 + 1)$
-18802492	G	$((-9 + 87)^* \cdot 6^5 - 4)^* \cdot (32 - 1)$	-19131912	P	$(-9 + 8 + 7)^* \cdot 6^* \cdot ((-5 - 4)^{(3^2) + 1})$
-18804824	G	$9^* \cdot (-8^7 + 6^5 - (4 + 3)^2) + 1$	-19136447	G	$-9^* \cdot 8^7 + 65 - 4^4 \cdot (3^2 \cdot 1)$
-18823650	G	$(9 - 8^* \cdot 7^6) \cdot 5^* \cdot 4 + 3^2 + 1$	-19136482	G	$-9^* \cdot 8^7 + 6^5 - 4^4 \cdot (3^2 \cdot 1)$
-18823694	G	$9 + 8 - (7^6 \cdot 5 - 4)^* \cdot 32 + 1$	-19136511	G	$-9^* \cdot 8^7 + 6 - 5 - 4^4 \cdot (3^2 \cdot 1)$
-18823696	G	$9 + 8 - (7^6 \cdot 5 - 4)^* \cdot 32 - 1$	-19136523	G	$-9^* \cdot 8^7 - 6 - 5 - 4^4 \cdot (3^2 \cdot 1)$
-18823897	G	$9^8 - (7^6 \cdot 5 + 4)^* \cdot 32 - 1$	-19136542	G	$-9^* \cdot 8^7 - 6^5 - 4^4 \cdot (3^2 \cdot 1)$
-18823921	G	$(-9 - 8^* \cdot 7^6 + 5)^* \cdot 4^* \cdot (3 + 2) - 1$	-19136577	G	$-9^* \cdot 8^7 - 65 - 4^4 \cdot (3^2 \cdot 1)$
-18823932	G	$(9^8 - 7^6 \cdot 5 - 4)^* \cdot 32^*1$	-19144288	G	$-9^* \cdot 8^7 - 6^5 - 4^4 \cdot (3^2 \cdot 1)$
-18823950	G	$9 + 8 - (7^6 \cdot 5 + 4)^* \cdot 32 + 1$	-19158130	G	$-9^* \cdot (8^* \cdot 7^* \cdot (6 + 5^4) + 3)^2 - 1$
-18823952	G	$9 + 8 - (7^6 \cdot 5 + 4)^* \cdot 32 - 1$	-19199959	P	$-(9 - 8^* \cdot 7) - 6^* \cdot ((5^4)^{(3+2) + 1})$
-18824079	G	$9 - 8^* \cdot (7^6 \cdot 5^4 + 32 - 1)$	-19200993	G	$-987 - 6^* \cdot ((5^* \cdot 4)^{(3+2) + 1})$
-18824095	G	$9 - 8^* \cdot (7^6 \cdot 5^4 + 32 + 1)$	-19210688	P	$-(9 - 876^* \cdot 5 - 4^3)^2 + 1$
-18826271	P	$-(9^* \cdot 8^7 + 6^* \cdot 5 + 4)^* \cdot 32 + 1$	-19210690	P	$-(9 - 876^* \cdot 5 - 4^3)^2 - 1$
-18826273	P	$-(9^* \cdot 8^7 + 6^* \cdot 5 + 4)^* \cdot 32 - 1$	-19215995	G	$(98^* \cdot 7^6 - 5)^* \cdot (-4 / 3^2 + 2 + 1)$
-18828088	P	$-((-9^* \cdot (-8^7 + 6) - (5^* \cdot 43)^2) + 1)$	-19245769	P	$-(9 + (-8 + 7 - 6)^* \cdot (5^4 + 3))^2 + 2^*1$
-18828150	P	$-(9^* \cdot 8^7 + 6) + (5^* \cdot 43)^2 - 1$	-19261257	P	$-(9^* \cdot 8^7 + 6) - (5^4 - 3)^2 + 1$
-18841770	G	$-9^* \cdot 8^7 + 6^* \cdot (5432 + 1)$	-19268757	P	$-(9^* \cdot 8^7 + 6) - (5^4 + 3)^2 + 1$
-18846223	G	$-9^* \cdot 8^7 + 65^* \cdot (432 + 1)$	-19283966	G	$-9^8 + (7 + 6)^5 \cdot 4^3 + 2 + 1$
-18848131	P	$-(9^* \cdot 8^7 + 6) + (5^4 \cdot 3)^2 - 1$	-19283968	G	$-9^8 + (7 + 6)^5 \cdot 4^3 + 2 - 1$
-18852786	G	$-9^* \cdot 8^7 + 654^* \cdot (32 + 1)$	-19283970	G	$-9^8 + (7 + 6)^5 \cdot 4^3 - 2 + 1$
-18853833	G	$9^* \cdot (-8^7 + 6) - 5^* \cdot 4^4 \cdot (3^2) + 1$	-19283972	G	$-9^8 + (7 + 6)^5 \cdot 4^3 - 2 - 1$
-18854721	G	$-9^8 + 7^* \cdot (6^5 \cdot 5^4)^3 \cdot 2^*1$	-19324816	P	$-(9 - 8) - (7^* \cdot (6 - (-5^4 + 3)))^2 + 1$
-18854728	G	$-9^8 - 7^* \cdot ((6^5 \cdot 5^4)^3 \cdot 2 + 1)$	-19324832	P	$-(9 + 8) - (7^* \cdot (6 + 5^4 - 3))^2 + 1$
-18865124	G	$-9^8 + 7^* \cdot (6 - 5^* \cdot (43^2 + 1))$	-19344159	G	$-9 - (8^* \cdot 7 - 6)^* \cdot ((5^4 - 3)^2 - 1)$
-18869761	P	$9^* \cdot 8^7 \cdot (-6 - (5 + 4^4 \cdot (-3^2))) - 1$	-19386409	P	$-(9 + 8 - (7^* \cdot (6 + 5^4) + 3))^2 + 1$
-18870315	G	$9^* \cdot (-8^7 + 6) + (5^* \cdot 4)^3 / 2 - 1$	-19404025	P	$-(9 + (-8 + 7 - 6)^* \cdot (-5^4 + 3))^2 + 2^*1$
-18870578	G	$-9^* \cdot (8^7 + 6 + 5 - 432) + 1$	-19418802	G	$(9 - 87)^* \cdot ((6^5 + 4)^3 \cdot 32 - 1)$
-18870715	G	$9^* \cdot (-8^7 + 6) + (5^* \cdot 4^3)^2 - 1$	-19440082	G	$-9 - 8^* \cdot (7 + (6^5)^4 \cdot 3 + 2) - 1$
-18870984	P	$9^* \cdot 8^* \cdot (7^6 + 5 - 4^4 - (-3^2 \cdot 1))$	-19501056	P	$-(9^* \cdot (8 - 7^* \cdot (-65 + 4) + 3))^2 + 2^*1$
-18871868	G	$-9^* \cdot 8^7 + 6^* \cdot 5^4 / (3/2^*1)$	-19532084	P	$-9^8 - 7^* \cdot (-6^4 \cdot (5 + 4) / 3 + 2) - 1$
-18872009	G	$9^* \cdot (-8^7 + 6) + (5 + 43)^2 + 1$	-19532095	P	$-(9^8 - 7^* \cdot 6^4 \cdot (5 + 4) / 3) + 2^*1$
-18872497	G	$-9^* \cdot (8^7 - 6^* \cdot 5^* \cdot (4 + 3) + 2) - 1$	-19532096	P	$-(9^8 - 7^* \cdot 6^4 \cdot (5 + 4) / 3) + 2 - 1$

-19532098	P	$-(9^8-7^6(5+4)/3+2)+1$	-21093697	P	$-(9-8^7)-6^*((5^4*3)^2-1)$
-19532099	P	$-(9^8-7^6(5+4)/3+2)^*1$	-21093704	G	$-9+8^7-6^*(5^4*3)^2-1$
-19532104	G	$-9^8-7^*(-6^5*432+1)$	-21093727	P	$-(-(9+8)-7)-6^*(5^4*3)^2-1$
-19532112	G	$-9^8-7^*(-6^5(5+4)/3+2)-1$	-21093746	P	$-(-(9+8)+7)-6^*((5^4*3)^2+1)$
-19545240	P	$-(9+8-7^*(6+5^4+3))^2+1$	-21093761	G	$-9-8+7-6^*(5^4*3)^2-1$
-19545242	P	$-(9+8-7^*(6+5^4+3))^2-1$	-21093823	P	$-(9^8+7)-6^*((5^4*3)^2-1)$
-19562929	P	$-(9/(8+7^6-54^3))^2-1$	-21093849	P	$-(98+7)-6^*((5^4*3)^2-1)$
-19589476	P	$-(-(9-876)*5+4-3)^2*1$	-21093868	G	$-(9-8)^7-6^*(5^4*3)^2+1$
-19595530	G	$-9-8^7*6^5*(43+2)-1$	-21103599	G	$(9^8-(7-6^5)^4*3)/(-2^*1)$
-19651489	P	$-(-98^7*6/5^4-4+3)^2*1$	-21112001	G	$(9+87/6+5)^4*3-32+1$
-19678096	P	$-(98^7*6-5/4^3)^2*1$	-21141603	P	$-(9+8+7^*654+3)^2+1$
-19683010	G	$-9+(((8-7-6)^*54)^3-2+1)$	-21141605	P	$-(9+8+7^*654+3)^2-1$
-19695860	P	$-(9+8)-(7^*(6-(-5^4-3)))^2+1$	-21176523	G	$9+(8-7^6*5)^*(4+32)^*1$
-19704721	P	$-(9-8^*(7+6+543))^2*1$	-21176822	G	$-9+8-7^6*5^4*3^2-1$
-19764816	G	$9^*8^*(-7^6(6+5-4)/3+2+1)$	-21176836	G	$-9-8-7^6*5^4*3^2+1$
-19773505	P	$9^*8^*(-7+65^4(4-(3-2)))^2-1$	-21176838	G	$-9-8-7^6*5^4*3^2-1$
-19820304	P	$-(9^*(-8-7/6)^*54+3)^2*1$	-21176917	G	$-98-7^6*5^4*3^2+1$
-19843741	G	$(9^8-7-6^5(5+4)/3)/(-2^*1)$	-21177099	G	$9-(8+7^6*5)^*(4+32)^*1$
-19843748	G	$(9^8+7-6^5(5+4)/3)/(-2^*1)$	-21187609	P	$-(98^*(7-6^*(5+4)+3))^2*1$
-19873764	P	$-(9^*(8-7/6)^*54+3)^2*1$	-21224449	P	$-(98^*(7^6+5)+4-3)^2*1$
-19923325	P	$-(9-8)-76^*(5+4^3(3^2*1))$	-21233340	G	$9^*(8^7(7-6+5)-4)/(-3^2-2^*1)$
-19923396	G	$-9^*8-76^*(5+4^3(3^2*1))$	-21249902	P	$(9^8-7^*(6+5^4(4+3)))/(-2^*1)$
-19927295	G	$-9^*(8^*(7^6+5^4)^3)^2+1$	-21274532	G	$(9^8+7-6^5*4^3)/(-2^*1)$
-19936225	P	$-9^*(8^*(7+6/(5+4)^3)^2*1)$	-21279769	P	$-(98^*(7^6+5)+4+3)^2*1$
-20070400	P	$-((9^*(-8-7)+65)^4*3)^2*1$	-21288989	G	$(9^8+7-6^5*4(4+3))/(-2^*1)$
-20081954	G	$9/8^*(7-65^4)+3^2+1$	-21335285	P	$98^7*-(6^5*4-3)+2-1$
-20142143	G	$-9^*(8^*(7-(-6-54)^3))^2+1$	-21346887	P	$(9^8-7^6/((5-4)/3))/(-2^*1)$
-20142145	G	$-9^*(8^*(7-(-6-54)^3))^2-1$	-21353086	G	$-(9^8+7)^*(6+5^4)^3-2+1$
-20151090	P	$-(9-87+6+5)^4+32-1$	-21356173	G	$(9^8-7-6^5*43)/(-2^*1)$
-20151152	P	$-(9-87+6+5)^4-32+1$	-21356180	G	$(9^8+7-6^5*43)/(-2^*1)$
-20155222	P	$-9+(-(-87+6^5(5+4))+3)^2-1$	-21359700	G	$(9^8-7^6*5(5+4)^3)/(-2^*1)$
-20155438	P	$-(9+((8+7+6^5(5+4))+3)^2)-1$	-21369630	G	$(9^8-7^*(6+5)^4*3)/(-2^*1)$
-20156374	G	$-987-(6^5(5+4)-3)^2-1$	-21383389	G	$(9^8-7-6^5(-5+4^3))/(-2^*1)$
-20185094	G	$-9^*8^7-6-5^4*3(3^2*1)$	-21383396	G	$(9^8+7-6^5(-5+4^3))/(-2^*1)$
-20257281	P	$(9^8-(7-6))/(-(5/4+3)/2)-1$	-21385804	G	$(9^8-7^6-54^3)/(-2^*1)$
-20288046	G	$(9^8-7^6(6+5-4)^3)/(-2^*1)$	-21398337	P	$(9^8-(7/6^5*4)^3)/(-2^*1)$
-20304036	P	$-(9+(-8-(7+6))^*5^4*3)^2*1$	-21414486	P	$(9^8-7^*(6^5*4+3))/(-2^*1)$
-20308350	P	$(9^8+(-7-(6^5)^4)^3)/(-2^*1)$	-21414495	G	$(-9^8-7^6*5^4-4+3)/(-2^*1)$
-20308371	P	$(9^8-(-7+(6^5)^4)^3)/(-2^*1)$	-21414498	G	$(9^8-7^6*5^4+3)/(-2^*1)$
-20359340	P	$(98-7)/(-((-6-5)^4*3))^2-1$	-21414507	P	$(9^8-7^*(6^5*4-3))/(-2^*1)$
-20373579	G	$(9^8-7^*(65+4)^3)/(-2^*1)$	-21415045	G	$-9+(8-76)^*(54^3*2-1)$
-20439442	P	$9^*(-8^*(7^6-6-5)^4*3)^2-1$	-21415112	G	$-9+(8-76)/54^3-3^2+1$
-20442162	P	$(-9+87)^*(65-4^3(-3^2*1))$	-21444635	G	$(9^8+7+6-54^3)/(-2^*1)$
-20447262	P	$(9^8-7^6(5+4^3(-3^2*1)))$	-21460536	P	$(9^8-7^6(5+4)^3)/(-2^*1)$
-20457153	G	$-9^8-(7^6+5)/4^3-3^2(2+1)$	-21464225	G	$(9^8-7^6-5^4+3)/(-2^*1)$
-20459073	G	$-9^8+(-7^6+5)/4^3-3^2(2+1)$	-21464376	G	$(9^8-7^6-5^4*3)/(-2^*1)$
-20520001	G	$9^*8^7*6-5^4*3^2-1$	-21464455	G	$(9^8-7^6-54^3)/(-2^*1)$
-20520900	P	$-(9+(-8-76)^*54-3)^2*1$	-21464506	G	$(9^8-7^6-5^4*3)/(-2^*1)$
-20582922	G	$-9-8^7*(6+(5/4)^3)^2-1$	-21464512	G	$(9^8-7^6-5-43)/(-2^*1)$
-20638273	G	$-9^8+76^*(54^3*2-1)$	-21464517	G	$(9^8-7^6+5-43)/(-2^*1)$
-20702501	P	$-((-9-8+7)^*65^*(4+3))^2-1$	-21464530	G	$(9^8-7^6-5-4-3)/(-2^*1)$
-20726157	P	$-9^8-7^6*(-(5+4)^3)^2-1$	-21464542	G	$(9^8-7^6+5+4+3)/(-2^*1)$
-20726192	P	$-9^8-7^*(6^5-(5+4)^3)^2-1$	-21464545	G	$(9^8-7^6+54/3)/(-2^*1)$
-20728927	G	$(9^8-7^*(65-4)^3)/(-2^*1)$	-21464555	G	$(9^8-7^6-5+43)/(-2^*1)$
-20763942	G	$-9/8^7-7-6^*(54^3*2+1)$	-21464560	G	$(9^8-7^6+5+43)/(-2^*1)$
-20774922	G	$-9-8^7*(6+(5/4)^3)^2-1$	-21464566	G	$(9^8-7^6+5^4*3)/(-2^*1)$
-20780776	G	$(9^8-(7+6)^5*4+3)/(-2^*1)$	-21464617	G	$(9^8-7^6+54^3)/(-2^*1)$
-20873226	P	$-9-8^7*(-(-6-(5/4)^3-2)-1)$	-21464696	G	$(9^8-7^6+5^4*3)/(-2^*1)$
-20921475	P	$-(9-8-7^*654+3)^2+1$	-21464847	P	$-((9^8-(7^6-5^4))+3)/(-2^*1)$
-20921477	P	$-(9-8-7^*654+3)^2-1$	-21464850	G	$(9^8-7^6+5^4*3)/(-2^*1)$
-20953356	P	$-((-9^8+76)-(5^4)^3)^2-1$	-21476694	P	$(9^8-(7+6^5*4)^3)/(-2^*1)$
-20966415	G	$(9^8-((7+6)^5+4)^3)/(-2^*1)$	-21476708	G	$(9^8+7-6^5*4^3)/(-2^*1)$
-20966427	G	$(9^8-((7+6)^5-4)^3)/(-2^*1)$	-21476715	P	$(9^8+(7-6^5*4)^3)/(-2^*1)$
-20994723	P	$-(9-8+7^*654+3)^2+1$	-21484260	P	$-(9^8+76+5^4(-4-3))/(-2^*1)$
-20994725	P	$-(9-8+7^*654+3)^2-1$	-21484277	G	$(9^8-7^6-5^4(4+3))/(-2^*1)$
-21015548	P	$(9^8-(7+6)^5^4(4+3))/(-2^*1)$	-21484319	G	$(9^8+7^6-5^4(4+3))/(-2^*1)$
-21024586	G	$-9+(8-(76-5)^4)^3-2+1$	-21484336	G	$(9^8+76-5^4(4+3))/(-2^*1)$
-21065111	G	$9^*(8-7^6*5^4*3)^2-1$	-21485089	G	$(9^8-76543)/(-2^*1)$
-21093615	P	$9^*(8+7)+6^*(-(5^4*3)^2*1)$	-21496141	G	$(9^8-7^6*5^4-4-3)/(-2^*1)$
-21093666	P	$-(9-87)-6^*((5^4*3)^2-1)$	-21496148	G	$(9^8-7^6*5^4+4+3)/(-2^*1)$

-21498150	G	$(9^8-7^6(6-5+4)^3)/(-2^*1)$	-21522390	P	$(9^8+(7-654)^3)/(-2^*1)$
-21500036	G	$(9^8+7-6^5(5+4-3))/(-2^*1)$	-21522404	G	$(9^8+7-6^5*4^3)/(-2^*1)$
-21500460	G	$(9^8-7^*6543)/(-2^*1)$	-21522423	P	$(9^8-((-7+6)^5)^4*3)/(-2^*1)$
-21501769	P	$-(9^8*(-7-6)^5+43)^2*1$	-21522452	G	$(9^8-7^*65^4+3)/(-2^*1)$
-21506913	G	$(9^8-765^4*3)/(-2^*1)$	-21522461	G	$(9^8-7^*(65^4-3))/(-2^*1)$
-21510225	P	$(9^8-7^*(6^5+4+3))/(-2^*1)$	-21522486	P	$(9^8+(7^6-5^4)^3)/(-2^*1)$
-21510234	P	$(9^8-(7^6/5^4-4+3))/(-2^*1)$	-21522537	G	$(9^8+(76-5^4)^3)/(-2^*1)$
-21510237	G	$(9^8-7^*6^5+4+3)/(-2^*1)$	-21522587	G	$(9^8-7^*(6+5^4*3))/(-2^*1)$
-21510246	P	$(9^8-7^*(6^5+4-3))/(-2^*1)$	-21522602	G	$(9^8-76^5*4+3)/(-2^*1)$
-21511548	G	$(9^8-7^*(6+5+4)^3)/(-2^*1)$	-21522636	P	$(9^8-7^*(65+4)^3)/(-2^*1)$
-21511680	P	$(9^8-(7+(6^5+4))^3)/(-2^*1)$	-21522672	P	$(9^8-(7^6+5+4)^3)/(-2^*1)$
-21511692	P	$(9^8-(7+6^5-4)^3)/(-2^*1)$	-21522684	P	$(9^8-(7^6+5^4)^3)/(-2^*1)$
-21511701	P	$(9^8+(7-6^5-4)^3)/(-2^*1)$	-21522712	P	$-(9^8-((7-(6-5))^4+3))/2-1$
-21511713	P	$(9^8+(7-(6^5-4))^3)/(-2^*1)$	-21522719	G	$(9^8+7-6^5*4^3)/(-2^*1)$
-21513578	G	$(9^8-7^*65^4*3)/(-2^*1)$	-21522720	P	$(9^8-7^*(65-4)^3)/(-2^*1)$
-21516546	P	$(9^8-7^*(6^5+4+3))/(-2^*1)$	-21522846	G	$(9^8-7^4(-6+5^4)^3)/(-2^*1)$
-21516555	G	$(-9^8+7^*6^5+4+3)/(2^*1)$	-21522864	P	$(9^8-(7+6^5*4)^3)/(-2^*1)$
-21516558	G	$(9^8-7^*6^5+4+3)/(-2^*1)$	-21522871	G	$(9^8-7-6^5*4^3)/(-2^*1)$
-21516567	P	$(9^8-7^*(6^5+4-3))/(-2^*1)$	-21522878	G	$(9^8+7-6^5*4^3)/(-2^*1)$
-21516735	P	$(9^8-7^*(-6-5^4)^3)/(-2^*1)$	-21522885	P	$(9^8+(7-6^5*4)^3)/(-2^*1)$
-21516861	G	$(9^8+7^*(6-5^4)^3)/(-2^*1)$	-21522909	P	$(9^8-7^*(65+4^3))/(-2^*1)$
-21517725	P	$(9^8-(7+6^5*4)^3)/(-2^*1)$	-21522912	P	$(9^8-(7+6)^*(5+4^3))/(-2^*1)$
-21517746	P	$(9^8-(-7-6^5-5^4)^3)/(-2^*1)$	-21522923	G	$(9^8-7^*(6-5+4)^3)/(-2^*1)$
-21518180	G	$(9^8+7-6^5+4^3)/(-2^*1)$	-21522930	G	$(9^8-7^*(6^5+4+3))/(-2^*1)$
-21518622	P	$(9^8+(7+6)^*(5+4)^3)/(-2^*1)$	-21522939	G	$(-9^8-7^*6^5-5^4+3)/(2^*1)$
-21519354	G	$(-9^8+7+6-(-5^4)^3)/(2^*1)$	-21522942	G	$(9^8-7^*6^5*4+3)/(-2^*1)$
-21519360	G	$(-9^8+7-6+(5^4)^3)/(2^*1)$	-21522946	G	$(9^8-765-4^3)/(-2^*1)$
-21519437	G	$(9^8-7-6^5-4^3)/(-2^*1)$	-21522951	P	$(9^8-7^*(-6^5*-4+3))/(-2^*1)$
-21519444	G	$(9^8+7-6^5-4^3)/(-2^*1)$	-21522960	P	$(9^8-(7+65^4)^3)/(-2^*1)$
-21519463	G	$(9^8-7-6^5-4^3)/(-2^*1)$	-21522967	G	$(9^8-7-65^4*3)/(-2^*1)$
-21519482	G	$(9^8+7-6^5+4^3)/(-2^*1)$	-21522972	G	$(-9^8+765+4^3)/(2^*1)$
-21519501	G	$(9^8-7-6^5+4^3)/(-2^*1)$	-21522974	G	$(9^8+7-65^4*3)/(-2^*1)$
-21519508	G	$(9^8+7-6^5+4^3)/(-2^*1)$	-21522981	P	$(9^8+(7-65^4)^3)/(-2^*1)$
-21519535	G	$(9^8-765+4^3)/(-2^*1)$	-21522984	G	$(-9^8+765-4^3)/(2^*1)$
-21519759	G	$(9^8+(7/(6-5))^4*-3)/(-2^*1)$	-21522990	P	$(9^8-(7+6)^*(5+4^3))/(-2^*1)$
-21519831	P	$(9^8-(7+6)^*543)/(-2^*1)$	-21523005	G	$(-9^8+7+(-6-5)^*-4^3)/(2^*1)$
-21520434	P	$(9^8-(7+6^5/4)^3)/(-2^*1)$	-21523008	P	$(-9^8-(7+6)^*54+3)/(2^*1)$
-21520441	G	$(9^8-7-6^5+4^3)/(-2^*1)$	-21523010	G	$(9^8-765+4^3)/(-2^*1)$
-21520448	G	$(9^8+7-6^5+4^3)/(-2^*1)$	-21523011	G	$(9^8-(7+6)^*54+3)/(-2^*1)$
-21520455	P	$(9^8+(7-6^5+4)^3)/(-2^*1)$	-21523020	P	$(9^8-76^5(5+4+3)/(-2^*1)$
-21520683	P	$(9^8-765^*(4+3))/(-2^*1)$	-21523029	G	$(9^8-(7+6)^*(54-3))/(-2^*1)$
-21520788	P	$(9^8-7^*(6+(5+4)^3))/(-2^*1)$	-21523040	G	$(9^8-7-6-5^4-3)/(-2^*1)$
-21520809	P	$(9^8-7^*(6/54)^-3)/(-2^*1)$	-21523043	G	$(9^8-7-6-5^4+3)/(-2^*1)$
-21520830	P	$(9^8+7^*(6-(5+4)^3))/(-2^*1)$	-21523047	G	$(9^8+7-6-5^4-3)/(-2^*1)$
-21521061	P	$(9^8-7^*(654+3))/(-2^*1)$	-21523050	G	$(9^8+7-6-5^4+3)/(-2^*1)$
-21521070	G	$(9^8-7^*654-3)/(-2^*1)$	-21523053	G	$(9^8+7+6-5^4-3)/(-2^*1)$
-21521073	G	$(9^8-7^*654+3)/(-2^*1)$	-21523056	G	$(9^8+7+6-5^4+3)/(-2^*1)$
-21521082	P	$(9^8-7^*(654-3))/(-2^*1)$	-21523068	G	$(9^8-7^*6-543)/(-2^*1)$
-21521170	G	$(9^8-7-6^*(5+4)^3)/(-2^*1)$	-21523077	P	$(9^8-(7+6)^*(4+3))/(-2^*1)$
-21521177	G	$(9^8+7-6^*(5+4)^3)/(-2^*1)$	-21523089	G	$(9^8/(-7+6)+543)/(2^*1)$
-21521277	G	$(9^8-7-65^4*3)/(-2^*1)$	-21523091	G	$(9^8-7^*(65+4^3))/(-2^*1)$
-21521284	G	$(9^8+7-65^4*3)/(-2^*1)$	-21523098	P	$(9^8-7^*(6+5+4^3))/(-2^*1)$
-21521307	G	$(9^8-76^5*4-3)/(-2^*1)$	-21523101	G	$(9^8-7^*65-4^3)/(-2^*1)$
-21521310	P	$-(9^8-((7+6-5)^4+3))/2+1$	-21523110	G	$(9^8+7^*6-543)/(-2^*1)$
-21521439	P	$(9^8-7^*(6+543))/(-2^*1)$	-21523127	G	$(9^8+76-543)/(-2^*1)$
-21521481	P	$(9^8+7^*(6-543))/(-2^*1)$	-21523139	G	$(9^8-7^*65+4^3)/(-2^*1)$
-21521619	P	$(9^8-(7+6)^*43)/(-2^*1)$	-21523140	P	$(9^8-7^*(6+54+3))/(-2^*1)$
-21521735	G	$(9^8+7-6^5*43)/(-2^*1)$	-21523149	P	$(9^8-76^5-43)/(-2^*1)$
-21521829	G	$(9^8-765^4-3)/(-2^*1)$	-21523152	P	$(9^8-7^*(6+54)+3)/(-2^*1)$
-21521832	G	$(9^8-765^4+3)/(-2^*1)$	-21523161	P	$(9^8-7^*(6+54-3))/(-2^*1)$
-21522207	P	$(9^8-(765+4)^3)/(-2^*1)$	-21523165	G	$(9^8-7^*65+4^3)/(-2^*1)$
-21522216	G	$(9^8-7^*(6^5+4+3))/(-2^*1)$	-21523167	G	$(9^8-76^5-4-3)/(-2^*1)$
-21522219	P	$(9^8-(765-4)^3)/(-2^*1)$	-21523170	G	$(9^8-76^5-4+3)/(-2^*1)$
-21522225	P	$(-9^8-7^*6^5+4+3)/(2^*1)$	-21523173	P	$(9^8-7^*6^5(5+4+3))/(-2^*1)$
-21522228	G	$(9^8-7^*6^5+4+3)/(-2^*1)$	-21523174	G	$(9^8-76^5+4+3)/(-2^*1)$
-21522237	G	$(9^8-7^*(6^5+4-3))/(-2^*1)$	-21523175	G	$(9^8-7^*(65-4^3))/(-2^*1)$
-21522309	G	$(9^8-(-76-5^4)^*-3)/(-2^*1)$	-21523184	G	$(9^8+7-6^5*4^3)/(-2^*1)$
-21522360	P	$(9^8-(7^6+5^4)^3)/(-2^*1)$	-21523185	P	$(9^8-(7+6)^*(5+4)^3)/(-2^*1)$
-21522369	P	$(9^8-(7+654)^3)/(-2^*1)$	-21523191	P	$(9^8+(7^*(6-54)-3))/(-2^*1)$
-21522383	G	$(9^8+7-654^3)/(-2^*1)$	-21523192	G	$(9^8-76^5+43)/(-2^*1)$

-21523194	P	$(9^8+7*(6-54)+3)/(-2^*1)$	-21523644	P	$(9^8+(76+5)*(4+3))/(-2^*1)$
-21523196	G	$(9^8-7*((6+5)^4+3))/(-2^*1)$	-21523653	G	$(9^8+7*6+543)/(-2^*1)$
-21523197	P	$(-(9^8-(76+5)^4)+3)/(2^*1)$	-21523665	G	$(9^8-7-6+5^4-3)/(-2^*1)$
-21523200	G	$(9^8-(76+5)^4+3)/(-2^*1)$	-21523668	G	$(9^8-7-6+5^4+3)/(-2^*1)$
-21523203	G	$(9^8-7*(6+(5+4))^3)/(-2^*1)$	-21523670	G	$(9^8+76+543)/(-2^*1)$
-21523207	G	$(9^8+7+6-5*4^3)/(-2^*1)$	-21523671	G	$(9^8-7+6+5^4-3)/(-2^*1)$
-21523210	G	$(9^8-7^4(6-5)^43)/(-2^*1)$	-21523672	G	$(9^8+7-6+5^4-3)/(-2^*1)$
-21523218	G	$(9^8-76*5/4^3)/(-2^*1)$	-21523674	G	$(9^8-7+6+5^4+3)/(-2^*1)$
-21523220	G	$(9^8-(76-5)^4+3)/(-2^*1)$	-21523675	G	$(9^8+7-6+5^4+3)/(-2^*1)$
-21523239	P	$(9^8-(7*(6+5)+4)^3)/(-2^*1)$	-21523678	G	$(9^8+7+6+5^4-3)/(-2^*1)$
-21523246	G	$(9^8+(7-65)^4+3)/(-2^*1)$	-21523681	G	$(9^8+7+6+5^4+3)/(-2^*1)$
-21523255	P	$-(9^8+7-(6*(5-4))^3)/2+1$	-21523692	G	$(9^8+(7+6)*(54-3))/(-2^*1)$
-21523259	G	$(9^8-7*6*5+4+3)/(-2^*1)$	-21523701	P	$(9^8+(76*(5+4)-3))/(-2^*1)$
-21523273	G	$(9^8-7-6-54^3)/(-2^*1)$	-21523710	P	$(-(9^8+(7+6)*54)+3)/(2^*1)$
-21523274	G	$(9^8+7*6-5^43)/(-2^*1)$	-21523713	G	$(9^8+(7+6)*54+3)/(-2^*1)$
-21523277	G	$(9^8-7*6+5+43)/(-2^*1)$	-21523716	P	$(9^8+7+(6+5)^4^3)/(-2^*1)$
-21523278	P	$(9^8-(7-(6-54))^3)/(-2^*1)$	-21523731	P	$(9^8+(7+6)*(54+3))/(-2^*1)$
-21523279	G	$(9^8-7+6-54^3)/(-2^*1)$	-21523737	G	$(9^8+765-4^3)/(-2^*1)$
-21523281	P	$(9^8+(7-(6+54))^3)/(-2^*1)$	-21523740	P	$(9^8-(7-65^4)^3)/(-2^*1)$
-21523284	G	$(9^8-(7*6+5+4)^*-3)/(-2^*1)$	-21523747	G	$(9^8-7+65^4*3)/(-2^*1)$
-21523286	G	$(9^8+7+6-54^3)/(-2^*1)$	-21523749	G	$(9^8+765+4^3)/(-2^*1)$
-21523291	G	$9^8-((76+5)^4+3)/2-1$	-21523754	G	$(9^8+7+65^4*3)/(-2^*1)$
-21523293	G	$(9^8-76+5-4^3)/(-2^*1)$	-21523761	P	$(9^8+(7+65^4)^3)/(-2^*1)$
-21523296	P	$(9^8-(7+6)^*5-4^3)/(-2^*1)$	-21523770	G	$(9^8-7*(6*5^4+3))/(-2^*1)$
-21523305	P	$(-(9^8-7*6)+5+4^3)/(2^*1)$	-21523775	G	$(9^8+765+4^3)/(-2^*1)$
-21523331	G	$(9^8+7^4(6-5)-4^3)/-2+1$	-21523779	G	$(-9^8-7*6*5^4+3)/(2^*1)$
-21523390	G	$(9^8-7^4(6-5)+4^3)/-2-1$	-21523782	G	$(9^8+7*6*5^4+3)/(-2^*1)$
-21523404	G	$(9^8-7+6*5+4^3)/(-2^*1)$	-21523791	P	$(9^8-7*(6*5^4+3))/(-2^*1)$
-21523407	P	$-(98-((76+5)^4+3))/2+1$	-21523798	G	$(9^8+7*(6-5+4)^3)/(-2^*1)$
-21523416	G	$(9^8+7*6+5+4^3)/(-2^*1)$	-21523809	P	$(9^8+(7+6)*(5+4^3))/(-2^*1)$
-21523418	G	$(9^8+7+65+43)/(-2^*1)$	-21523812	P	$(9^8+7*(65+4^3))/(-2^*1)$
-21523430	P	$-9^8+(-(76+5)^4+3)/2+1$	-21523843	G	$(9^8-7+6*5^4*3)/(-2^*1)$
-21523437	G	$(9^8-(7*6+5+4)^*-3)/(-2^*1)$	-21523850	G	$(9^8+7+6*5^4*3)/(-2^*1)$
-21523440	P	$(9^8-(7-(6+54))^3)/(-2^*1)$	-21523857	P	$(9^8+(7+6*54)^3)/(-2^*1)$
-21523442	G	$(9^8+7-6+54^3)/(-2^*1)$	-21523875	G	$(9^8+7^4(-6+5+4)^3)/(-2^*1)$
-21523443	P	$(9^8+(7-(6-54))^3)/(-2^*1)$	-21524001	P	$(9^8-7*(65+4)^3)/(-2^*1)$
-21523447	G	$(9^8-7*6+5^43)/(-2^*1)$	-21524002	G	$(9^8-7+6*5^43)/(-2^*1)$
-21523448	G	$(9^8+7+6+54^3)/(-2^*1)$	-21524009	P	$-(9^8+(7-(6-5))^4+3)/2+1$
-21523455	G	$(9^8+7/6*54^3)/(-2^*1)$	-21524012	G	$(9^8+7+6^4(5-4+3))/(-2^*1)$
-21523462	G	$(9^8+7*6*5-4-3)/(-2^*1)$	-21524037	P	$(9^8+(7*65-4)^3)/(-2^*1)$
-21523466	P	$-(9^8-7+(6*(5-4))^3)/2-1$	-21524049	P	$(9^8+(7*65+4)^3)/(-2^*1)$
-21523478	G	$(9^8-(7-65)^4+3)/(-2^*1)$	-21524085	P	$(9^8+7*(65+4)^3)/(-2^*1)$
-21523482	P	$(9^8+(7*(6+5)+4)^3)/(-2^*1)$	-21524092	G	$(9^8-7*(6-5^43))/(-2^*1)$
-21523487	P	$(9^8+(-(7-(6+5))^4+3))/-2^*1$	-21524122	G	$(9^8+76*5^4+3)/(-2^*1)$
-21523503	G	$(9^8+76*5/4^3)/(-2^*1)$	-21524184	G	$(9^8-(76-5^4)^3)/(-2^*1)$
-21523504	G	$(9^8+(76-5)^4+3)/(-2^*1)$	-21524235	P	$(9^8-(7*6-5^4)^3)/(-2^*1)$
-21523506	G	$(9^8+76+5^43)/(-2^*1)$	-21524272	G	$(9^8+7*65^4+3)/(-2^*1)$
-21523518	P	$(9^8-7*(6-(54-3)))/(-2^*1)$	-21524281	G	$(9^8+7*(65^4+3))/(-2^*1)$
-21523521	G	$(9^8+7-6+5^4^3)/(-2^*1)$	-21524298	P	$(9^8+((7-6)^5)^4^3)/(-2^*1)$
-21523524	G	$(9^8+(76+5)^4+3)/(-2^*1)$	-21524324	G	$(9^8+7+6*5^4^3)/(-2^*1)$
-21523527	G	$(9^8+7+6+5^4^3)/(-2^*1)$	-21524331	P	$(9^8-(7-654)^3)/(-2^*1)$
-21523529	G	$(9^8+7*6^5-43)/(-2^*1)$	-21524336	G	$(9^8+7+6^5/4)/(-3+2-1)$
-21523530	P	$(9^8-7*(6-54)+3)/(-2^*1)$	-21524345	G	$(9^8+7+654^3)/(-2^*1)$
-21523536	P	$(9^8+(7+6)*(5+4)^3)/(-2^*1)$	-21524352	P	$(9^8+(7+654)^3)/(-2^*1)$
-21523544	G	$(9^8+7+6*5^4^3)/(-2^*1)$	-21524361	P	$(9^8+(7*6+5^4)^3)/(-2^*1)$
-21523547	G	$(9^8+76*5-4-3)/(-2^*1)$	-21524412	G	$(9^8+(-76-5^4)^*-3)/(-2^*1)$
-21523548	P	$(9^8-(7*6^*-5+4)+3))/(-2^*1)$	-21524484	G	$(9^8+7*(6*54-3))/(-2^*1)$
-21523551	G	$(9^8+76*5+4-3)/(-2^*1)$	-21524493	G	$(-9^8-7*6*54+3)/(2^*1)$
-21523554	G	$(9^8+76*5+4+3)/(-2^*1)$	-21524496	G	$(9^8+7*6*54+3)/(-2^*1)$
-21523556	G	$(9^8+7*65-4^3)/(-2^*1)$	-21524502	P	$(9^8+(765-4)^3)/(-2^*1)$
-21523560	P	$(9^8+7*(6+54-3))/(-2^*1)$	-21524505	G	$(9^8+7*(6*54+3))/(-2^*1)$
-21523569	P	$(9^8+(7*(6+54)-3))/(-2^*1)$	-21524514	P	$(9^8+(765+4)^3)/(-2^*1)$
-21523572	G	$(9^8+76*5+43)/(-2^*1)$	-21524889	G	$(9^8+765^4-3)/(-2^*1)$
-21523581	P	$(9^8+7*(6+54+3))/(-2^*1)$	-21524892	G	$(9^8+765^4+3)/(-2^*1)$
-21523582	G	$(9^8+7*65-4^3)/(-2^*1)$	-21524993	G	$(9^8+7+6*543)/(-2^*1)$
-21523594	G	$(9^8-76+543)/(-2^*1)$	-21525016	P	$(9^8+7*(6+5)^43)/(-2^*1)$
-21523611	G	$(9^8-7*6+543)/(-2^*1)$	-21525102	P	$(9^8+(76+5)^43)/(-2^*1)$
-21523616	G	$(9^8+7*(6*5+43))/(-2^*1)$	-21525240	P	$(9^8-7*(6-543))/(-2^*1)$
-21523620	G	$(9^8+7*65+4^3)/(-2^*1)$	-21525282	P	$(9^8+7*(6+543))/(-2^*1)$
-21523623	P	$(9^8+7*(6+5+4^3))/(-2^*1)$	-21525414	G	$(9^8+76*54+3)/(-2^*1)$

-21525437	G	$(9^8-7+65^4)/(-2^1)$	-21582179	G	$(9^8+7^6-5-4-3)/(-2^1)$
-21525444	G	$(9^8+7+65^4)/(-2^1)$	-21582191	G	$(9^8+7^6+5+4+3)/(-2^1)$
-21525544	G	$(9^8-7+6^*(5+4)^3)/(-2^1)$	-21582194	G	$(9^8+7^6+5+4)/(-2^1)$
-21525551	G	$(9^8+7+6^*(5+4)^3)/(-2^1)$	-21582204	G	$(9^8+7^6-5+4)/(-2^1)$
-21525639	P	$(9^8+7^*(654-3))/(-2^1)$	-21582209	G	$(9^8+7^6+5+4)/(-2^1)$
-21525648	G	$(9^8+7^*654-3)/(-2^1)$	-21582215	G	$(9^8+7^6+5^4*3)/(-2^1)$
-21525651	G	$(9^8+7^*654+3)/(-2^1)$	-21582266	G	$(9^8+7^6+5^4*3)/(-2^1)$
-21525660	P	$(9^8+7^*(654+3))/(-2^1)$	-21582345	G	$(9^8+7^6+5^4*3)/(-2^1)$
-21525891	P	$(9^8-7^*(6-(5+4)^3))/(-2^1)$	-21582499	G	$(9^8+7^6+5^4*3)/(-2^1)$
-21525912	P	$(9^8+7^*(6/54)^{-3})/(-2^1)$	-21585316	P	$-(9^*(87^6+5)+4+3)^{2*1}$
-21525933	P	$(9^8+7^*(6+(5+4)^3))/(-2^1)$	-21586185	P	$(9^8+7^6+(5^4)^3)/(-2^1)$
-21526038	P	$(9^8+765^*(4+3))/(-2^1)$	-21586978	P	$9^*(8^7+(6+5+4)^2)-1$
-21526266	P	$(9^8-(7-6^5/4)^3)/(-2^1)$	-21594608	G	$-9^*((8+76^5)^4-3)^{2+1}$
-21526273	G	$(9^8-7+6^5/4^3)/(-2^1)$	-21594610	G	$-9^*((8+76^5)^4-3)^{2-1}$
-21526280	G	$(9^8+7+6^5/4^3)/(-2^1)$	-21602099	G	$(9^8+7+6+5^4)/(-2^1)$
-21526287	P	$(9^8+(7+6^5/4)^3)/(-2^1)$	-21621770	G	$(-9+(8+7^6(-6-(-5-4)))^3)/(-2+1)$
-21526890	P	$(9^8+(7+6)^*543)/(-2^1)$	-21621772	G	$(-9+(8+7^6(-6-(-5-4)))^3)/(-2-1)$
-21526962	G	$(9^8+(7^*(6-5))^4*3)/(-2^1)$	-21621779	G	$(9+(8+7^6(-6+(5+4)))^3)/(-2+1)$
-21527189	G	$(9^8+7654+3)/(-2^1)$	-21621781	G	$(9+(8+7^6(-6+(5+4)))^3)/(-2-1)$
-21527213	G	$(9^8-7+6^5-4^3)/(-2^1)$	-21622214	P	$(9^8+7^*(6^5*4-3))/(-2^1)$
-21527220	G	$(9^8+7+6^5-4^3)/(-2^1)$	-21632223	G	$(-9^8-7^*6^5*4+3)/(2^1)$
-21527239	G	$(9^8-7+6^5-4^3)/(-2^1)$	-21632226	G	$(9^8+7^*6^5*4+3)/(-2^1)$
-21527258	G	$(9^8+7+6^5+4^3)/(-2^1)$	-21632235	P	$(9^8+7^*(6^5*4+3))/(-2^1)$
-21527277	G	$(9^8-7+6^5+4^3)/(-2^1)$	-21637170	G	$-9-87^*((6^5-4)^3)^{32-1}$
-21527284	G	$(9^8+7+6^5+4^3)/(-2^1)$	-21637258	G	$-9-87^*(6^5-4)^3^{32-1}$
-21527361	P	$(9^8+7-6+(5^4)^3)/(-2^1)$	-21647404	G	$9-8^*7^6*(5^4+3)+2+1$
-21527367	P	$(9^8+7+6+(5^4)^3)/(-2^1)$	-21647410	G	$9-8^*7^6*(5^4+3)-2-1$
-21528099	P	$(9^8+(7+6)^*(5+4)^3)/(-2^1)$	-21648264	P	$- (9-(87/-6^5+4)^3)^{32+1}$
-21528548	G	$(9^8+7+6^5*4/3)/(-2^1)$	-21648801	G	$(-9-(87/6^5-5+4))^3^{32-1}$
-21528975	P	$(9^8+(-7-6^5-5^4)^3)/(-2^1)$	-21658357	P	$(9^8-7+(6^5)^4/3)/(-2^1)$
-21528996	P	$(9^8+(7+6^5*4)^3)/(-2^1)$	-21663325	G	$(9^8-7+6^5(-5+4^3))/(-2^1)$
-21529860	G	$(9^8-7^*(6-5^4)^3)/(-2^1)$	-21663332	G	$(9^8+7+6^5(-5+4^3))/(-2^1)$
-21529986	G	$(9^8-7^*(-6-5^4)^3)/(-2^1)$	-21665177	P	$-9-8^*7^*(-6-(-5^4+3)^{2*1})$
-21530154	P	$(9^8+7^*(6^5/4-3))/(-2^1)$	-21665505	G	$-9-8^*(7^*(6-(-5^4+3)))^{2-1}$
-21530163	G	$(-9^8-7^*6^5/4+3)/(2^1)$	-21677091	G	$(9^8+7^*(6+5)^4*3)/(-2^1)$
-21530166	G	$(9^8+7^*6^5/4+3)/(-2^1)$	-21690541	G	$(9^8-7+6^5*4^3)/(-2^1)$
-21530175	P	$(9^8+7^*(6^5/4+3))/(-2^1)$	-21690548	G	$(9^8+7+6^5*4^3)/(-2^1)$
-21533143	G	$(9^8+7^*65^4)/(-2^1)$	-21695296	G	$(9^8+7)^*(65^4-3+2)+1$
-21535008	P	$(9^8-(7-(6^5-4)^3))/(-2^1)$	-21699834	P	$(9^8+7^6/((5-4)/3))/(-2^1)$
-21535020	P	$(9^8-(7-6^5-4)^3)/(-2^1)$	-21757739	G	$(9^8+7+6^5^4(4+3))/(-2^1)$
-21535027	P	$(9^8-7+(6^5+4)^3)/(-2^1)$	-21772196	G	$(9^8+7+6^5*4^3)/(-2^1)$
-21535029	P	$(9^8+(7+6^5-4)^3)/(-2^1)$	-21781898	G	$-9+(-8+(7^6)^5/(-4^3))^2-1$
-21535041	P	$(9^8+(7+(6^5+4)^3))/(-2^1)$	-21796777	G	$(9^8-7^*(6-5^4(4+3)))/(-2^1)$
-21535173	G	$(9^8+7^*(6+5+4)^3)/(-2^1)$	-21864976	P	$- (9-8^*(-7^6+5^4+3))^2^{2*1}$
-21536475	P	$(9^8+7^*(6^5*4-3))/(-2^1)$	-21869220	G	$-9^*(-87+(6^5)^4*3)-2-1$
-21536484	G	$(-9^8-7^*6^5*4+3)/(2^1)$	-21869479	G	$-9^*(-8^*7+(6^5)^4*3-2)-1$
-21536487	G	$(9^8+7^*6^5*4+3)/(-2^1)$	-21869758	G	$9^*(8-(-7+(6^5)^4)^3-2)-1$
-21536496	P	$(9^8-7^*(-6^5*4+3))/(-2^1)$	-21869922	G	$-9+87-(6^5)^4*3^2(2+1)$
-21539808	G	$(9^8+765^4)/(-2^1)$	-21870244	G	$-9^*(8-(-7-(6^5)^4)^3-2)-1$
-21543268	G	$(9^8-7^6+54^3)/(-2^1)$	-21870485	G	$9^*(-8^*7+(6^5)^4*3+2)+1$
-21546261	G	$(9^8+7^*6543)/(-2^1)$	-21872350	P	$- (-9^*(-87-(6^5)^4)^3+2)+1$
-21546692	G	$(9^8+7+6^5(5+4-3))/(-2^1)$	-21883684	P	$- (9-(-8^*(-7-6)+5)^4)^2^{2*1}$
-21547364	P	$(9^8+7+6^*(5^4)^3)/(-2^1)$	-21943122	G	$(9^8+(7-6^5)^4*3)/(-2^1)$
-21548571	G	$(9^8+7^6(6-5+4)^3)/(-2^1)$	-21952972	P	$-(9^8+7)^{-6^*}(-5^4*3)^{2-1}$
-21550573	G	$(9^8+7^*6^5-4-3)/(-2^1)$	-21952979	P	$-(9^8+7)^{-6^*}(-5^4*3)^{2-1}$
-21550580	G	$(9^8+7^*6^5+4+3)/(-2^1)$	-21958596	P	$-9^*((8-(-7^6+5)^4+3))/2+1$
-21562402	G	$(9^8-7^*6+5^4(4+3))/(-2^1)$	-22014863	G	$-9^*((8-76)^*(5^4+3))^{2+1}$
-21562444	G	$(9^8+7^*6+5^4(4+3))/(-2^1)$	-22014865	G	$-9^*((8-76)^*(5^4+3))^{2-1}$
-21562461	G	$(9^8+76+5^4(4+3))/(-2^1)$	-22020041	G	$-9-(8^7-6)^*(5+(4+3/2))+1$
-21570006	P	$(9^8-(7-6^5*4)^3)/(-2^1)$	-22020169	G	$-9-((8^7+6)^*(5+(4+3/2))+1)$
-21570020	G	$(9^8+7+6^5*4^3)/(-2^1)$	-22044540	G	$(-98-7^6)^*(5^4*3-2-1)$
-21570027	P	$(9^8+(7+6^5*4)^3)/(-2^1)$	-22080294	G	$(9^8+((7+6)^5-4)^3)/(-2^1)$
-21581871	P	$(- (9^8+7^6-5^4+3))/2^1$	-22080306	G	$(9^8+((7+6)^5+4)^3)/(-2^1)$
-21581874	G	$(9^8+7^6-5^4+3)/(-2^1)$	-22099401	G	$9^*(87/(6+5^4*3))^{-2+1}$
-21582025	G	$(9^8+7^6-5^4*3)/(-2^1)$	-22116095	G	$-9^8+(7^6*54-3)^{2+1}$
-21582104	G	$(9^8+7^6-54^3)/(-2^1)$	-22116097	G	$-9^8+(7^6*54-3)^{2-1}$
-21582155	G	$(9^8+7^6-5^4*3)/(-2^1)$	-22184099	G	$-9^*((-8-7)/6^*(5^4+3))^{2+1}$
-21582161	G	$(9^8+7^6-5-4)/(-2^1)$	-22184101	G	$-9^*((-8-7)/6^*(5^4+3))^{2-1}$
-21582166	G	$(9^8+7^6+5-4)/(-2^1)$	-22202858	P	$-9+8^7+(-6^5)^{-4-3}^2-1$
-21582176	G	$(9^8+7^6-54/3)/(-2^1)$	-22207501	G	$987^*6^5*4^3-3^2-1$

-22235706	G	$-9^*(8+7^(6+5-4))^3-2-1$	-23060975	G	$(-98^*(7^6+5+4)-3)^2-1$
-22235742	G	$-9^*(8+7^(6+5-4))^3+2-1$	-23064476	P	$(-9+8^7)^*(6+5)+4^(3^2)+1$
-22235760	G	$-9^*(8+7^(6+5-4))^3+2+1$	-23066723	G	$(9-8^7)^*(6+5)+4^3+2+1$
-22240656	P	$9^*(-((8^*(7-6)^5-4)^3)^2+1)$	-23067658	P	$-(9+8^7*(6+5))+4^(3+2)-1$
-22252546	G	$-9-(8^7+(6^(5+4)-3))^2-1$	-23068525	G	$(9-8^7)^*(6+5)+(4+3)^2-1$
-22253122	G	$-9^8+(76^5*4^3)^2-1$	-23068646	G	$-9-8^7*(6+5)+4+32-1$
-22265948	G	$(9^8+(7+6)^5*4+3)/(-2^*1)$	-23068826	G	$-9-8^7*(6+5)-(4^3)^2-1$
-22317794	G	$(9^8+7^*(65-4)^3)/(-2^*1)$	-23069112	G	$-9-8^7*(6+5)-432+1$
-22320481	P	$-(9-8)-7^*6*((5+4)^(3^2))-1$	-23069706	P	$-(9+8^7*(6+5))-4^(3+2)-1$
-22398784	P	$-(9^8)+((76-5)/4^-3)^2+1$	-23152501	G	$98^*7^*6^*-5^4*3^2-1$
-22399974	P	$-(9+8)+7^*(6-(5^4)^(3+2))+1$	-23190905	P	$-(9+8^7)-6^*((5^4*3)^2-1)$
-22400032	G	$(9-8)-7^*(6+(5^4)^(3+2))+1$	-23193857	P	$-((98-7^*6^5)^4*3)^2-1$
-22400048	G	$(9-8)-7^*(6+(5^4)^(3+2))+1$	-23202973	G	$(9^8-7+6^(5+4)/3)/(-2^*1)$
-22400058	P	$-(9+8)-7^*(6+(5^4)^(3+2))+1$	-23202980	G	$(9^8+7+6^(5+4)/3)/(-2^*1)$
-22400115	P	$-9^*8-7^*(6+(5^4)^(3+2))-1$	-23306471	P	$-(9^8-(7/(-6^5*4+3)))^2+1$
-22408449	G	$(9-8)+76^*(-543^2+1)$	-23350876	G	$-9^8+(7^*(6+5^4+3))^2+1$
-22408465	P	$-(9+8)+76^*(-543^2+1)$	-23391460	G	$-9+8-(7+6)^5*(4^3-2+1)$
-22439169	P	$-((9^8+7)^*(6+54+3))^2+1$	-23483716	P	$-(-98^*7-65/4^-3)^2+1$
-22460949	G	$(-9-(8+7)/6)^*(5^4((4+3)+2)+1)$	-23489992	G	$9-87^*(6^5)^4/3-2+1$
-22467600	P	$-987-6/-5^-4+3)^2+1$	-23489994	G	$9-87^*(6^5)^4/3-2-1$
-22553000	G	$-9^*(8-(7+6^5)^4)^2+1$	-23514634	G	$-9-(8+7^*(6^5*432-1))$
-22553002	G	$-9^*(8-(7+6^5)^4)^2-1$	-23561317	P	$-((-98-76^5*4)^3)^2-1$
-22562500	P	$-(9^*(87^6+5)+4+3)^2+1$	-23619608	P	$-(9+((-87+6)^5*4^3)^2)+1$
-22587550	G	$98-(-7^6+5)/-4^-3*(2+1)$	-23652649	G	$-9^*(8+76+54)^3-2+1$
-22587631	G	$9+8+(7^6-5)/-4^-3*(2+1)$	-23652651	G	$-9^*(8+76+54)^3-2-1$
-22587665	P	$-(9+8)+(7^6-5)/-4^-3*(2+1)$	-23658496	P	$-((-9+8-7^*(6+5))^4*3)^2+1$
-22589551	G	$9+8-(-7^6-5)/-4^-3*(2+1)$	-23721904	G	$-9^8+(7^*(6-(-5^4+3)))^2+1$
-22589567	G	$9-8+(7^6+5)/-4^-3*(2+1)$	-23762246	G	$-9+(8-(7+6)^5)/4^-3+2+1$
-22589666	G	$-98+(7^6+5)/-4^-3*(2+1)$	-23763270	G	$-9-(8+(7+6)^5)^4*3+2+1$
-22648874	G	$-9+8-(7+6)^5*(4^3-2-1)$	-23833925	P	$-(9/(8+7+(6+5)^4*3))^2-1$
-22667152	P	$-(((9+8^7*6)/5)^4+32)+1$	-23846720	P	$-(9^8-7)+6^*((5^4)^(3+2))-1$
-22667154	P	$-(((9+8^7*6)/5)^4+32)-1$	-23853561	G	$-9^8+(7+6^5)^4/3^2-1$
-22667163	P	$-(9+(8-7^*(6+5))^4+32)-1$	-23892297	G	$-9-87^*(65^4(4-(3-2)))-1$
-22673142	G	$(9^8+7^*(65+4)^3)/(-2^*1)$	-23912100	P	$-(9-(8^7+(-6-5)^4)/3)^2+1$
-22679924	P	$-9-8^*-7^*(-(6^5)^4+3)/2+1$	-23914910	G	$-9^8(8-7+6)^5-4^3-2+1$
-22738350	P	$(9^8+(-7+(6^5)^4)^3)/(-2^*1)$	-23941640	G	$-9-(-8^7+6^5(5+4))^3+2-1$
-22738364	P	$(9^8+7+(6^5)^4)^3)/(-2^*1)$	-24009997	G	$(((-9+8-7-6)^5)^4-3)^*(-2+1)$
-22738371	P	$(9^8-(-7-(6^5)^4)^3)/(-2^*1)$	-24068836	P	$-((-987+6)^5+4-3)^2+1$
-22758675	G	$(9^8+7^6(6+5-4)^3)/(-2^*1)$	-24074127	G	$-9^*(8^*(7-6^5*43-2))-1$
-22759210	P	$9^*(8^7+(654+3)^2)-1$	-24080192	G	$-9^8+(-7^*(6-5)^4)^3/2+1$
-22780002	P	$-9+(-((8+7)^6-5^4)+3)^2+1$	-24089404	G	$-9^8+(7^*(6-(5^4+3)))^2+1$
-22780830	G	$-9-((8+7)^6-5^4)^3)^2-1$	-24117708	G	$9+(8-7^6*5)^*(43-2)^*1$
-22780936	G	$-9-((8+7)^6-5^4)^3)^2-1$	-24118364	G	$9-(8+7^6*5)^*(43-2)^*1$
-22781584	G	$-9-((8+7)^6+5^4)^3)^2-1$	-24127744	P	$-((-987+6)^5+4+3)^2+1$
-22781690	G	$-9-((8+7)^6+5^4)^3)^2-1$	-24129460	G	$-9-87^*6^*(5^4*3)^2-1$
-22782502	G	$-9-(((8+7)^6+5^4)-3)^2+1$	-24133473	P	$-(9+8)^(7-6+5)+4^(3^2*1)$
-22891342	P	$-(9^8+7-(6^5(5+4)-3))^2+1$	-24137536	P	$-((9+8)^(7-6+5)-4^3/2)+1$
-22891350	P	$-(9^8+((7-6^(5+4))+3)^2)-1$	-24137549	P	$-((9+8)^(7-6+5)-4^*(3+2))^*1$
-22902955	G	$(-98^*7^6+5^4(4+3))^2-1$	-24137589	P	$-(9+8)^(7-6+5)-4^*(3+2)^*1$
-22940466	P	$-(9^8)+(76^*(5-4^3))^2-1$	-24137602	P	$-((9+8)^(7-6+5)+4^3/2)-1$
-23057947	G	$(98^*-7^6+5^4+3)^2+1$	-24137697	P	$-(9+8)^(7-(6-5))-4^*(32^*1)$
-23057959	G	$(98^*-7^6+5^4-3)^2+1$	-24137713	P	$-(9+8)^(7-(7+6-5))-(-4^3)^(2^*1)$
-23058117	G	$(98^*-7^6+543)^2+1$	-24139167	P	$-9-(8-7^*(6-5^4+3))^2-1$
-23058952	G	$(98^*(7^6-5/4)-3)^2+1$	-24139419	P	$-(9+8)^(7-6+5)-43^2-1$
-23058953	G	$(98^*(7^6-5/4)-3)^2-1$	-24141665	P	$-(9+8)^(7-6+5)-4^*(3^2*1)$
-23059001	G	$(-98^*(7^6-5+4)+3)^2+1$	-24172352	G	$-9-8^7*(654+3)^2+1$
-23059066	G	$(-98^*7^6+5+4^3)^2+1$	-24176989	G	$-9^8(8-7+6)^5-4^3(3^2*1)$
-23059067	G	$(-98^*7^6+5+4^3)^2-1$	-24276992	P	$(987^6+5)^*(4^3(3^2)^*1)$
-23059101	G	$(-98^*7^6+54-3)^2+1$	-24299882	P	$-((-9-8)^7+(-6^5)^4-(4-3^2))-1$
-23059102	G	$(-98^*7^6+54-3)^2+1$	-24304391	G	$-98^*(7^6+5+4)^2+1$
-23059306	G	$(98^*-7^6-54+3)^2+1$	-24334602	G	$(9^8+(7+6^5)^4)^3)/(-2^*1)$
-23059307	G	$(98^*-7^6-54+3)^2-1$	-24349698	G	$-9-(8^7+6^(5+4)-3)^2+1$
-23059341	G	$(98^*-7^6-5-4^3)^2+1$	-24349710	G	$-9-(8^7+(6^5(5+4)+3))^2+1$
-23059342	G	$(98^*-7^6-5-4^3)^2+1$	-24352082	P	$9^*87^*(6^5(5^4+3)+2)-1$
-23059407	G	$(98^*(7^6+5-4)+3)^2-1$	-24354266	G	$-9+87^*(6^5(-5+4^3)+2)+1$
-23059455	G	$(98^*(7^6+5/4)+3)^2+1$	-24354268	G	$-9+87^*(6^5(-5+4^3)+2)-1$
-23059456	G	$(98^*(7^6+5/4)+3)^2-1$	-24354596	G	$9-87^*(6^5(-5+4^3)+2)+1$
-23059529	G	$(98^*-7^6-54^3)^2-1$	-24354598	G	$9-87^*(6^5(-5+4^3)+2)-1$
-23059635	G	$(98^*7^6+5^4)^2-1$	-24358350	P	$(9^8-7^*(6^5)^4+3)/(-2^*1)$
-23059793	G	$98^*(7^6+(5-4)^3)^2-1$	-24358359	P	$(9^8-(7/6^5)^4+3)/(-2^*1)$

-24358362	P	$(9^8-7^*- (6^*5)^4+3)/- (2^*1)$	-25509234	G	$-9-8^*(7+6^*(5+4)^{(3^*2)})-1$
-24358371	P	$(9^8-7^*- ((6^*5)^4+3))/- (2^*1)$	-25563136	P	$-((98/7+65)/4^4-3)^{2^*1}$
-24376545	P	$(9^8- (7^*6)^5/(4+3))/- (2-1)$	-25599674	P	$-9-8^*- (7^*6- (5^*4)^4- (3-2))-1$
-24383844	P	$-(9876/(5- (4+3)))^{2^*1}$	-25599906	G	$-9+8^*(7+6- (5^*4)^{(3+2)})-1$
-24383845	P	$-(9876/(5- (4+3)))^{2-1}$	-25600018	P	$-9-8^*(7-6- (5^*4)^4- (3-2))-1$
-24398373	P	$-(9- (8- (7^*6+5)^4)^*(3+2))+1$	-25600114	G	$-9-8^*(7+6+ (5^*4)^{(3+2)})-1$
-24398453	G	$-9- (8+ (7^*6+5)^4)^*(3+2)+1$	-25600346	P	$-9-8^*(7^*6+ (5^*4)^4- (3-2))-1$
-24405761	G	$(9^8+7^*(6-5+4+3))/- (2^*1)$	-25613739	P	$-(9+8)- (7^*(-6+ (5+4)^3))^{2-1}$
-24433249	P	$-(9-8^*(76+543))^{2^*1}$	-25633969	P	$-((-9+87)^{65+4+3})^{2^*1}$
-24443136	P	$-(9^*8^*(7^*6^*-5+4)/3)^{2^*1}$	-25652393	G	$-9-87^*(6+543^2)+1$
-24453376	G	$-9^8+ (7^*(6-5^4+3))^{2+1}$	-25654225	P	$-(9+ (-8- (76-5))^{*-4^3})^{2^*1}$
-24482071	G	$-9^8+ (7+6)^5*(4+3)^{2+1}$	-25684624	P	$-(9/(8+76)/543)^{-2^*1}$
-24504820	G	$-9+ (8- (7+6)^5)^*(4^3+2)-1$	-25684625	P	$-(9/(8+76)/543)^{-2-1}$
-24510239	G	$(-98-7^6*5^4)/3+2^*1$	-25694761	P	$-((-9+87)^{65+4-3})^{2^*1}$
-24510243	P	$-((98-7^6*5^4)/3+2)^*1$	-25741113	P	$-(9^8)+7+ (65/4^4-3)^{2+1}$
-24561944	P	$-(9+ (8+76)^*(5-4^3))^{2+1}$	-25741127	P	$-(9^8+7)+ (65^4/3)^{2+1}$
-24564774	G	$(9-87)^*(6+ (5^4*3^2-1))$	-25799311	G	$-9^8+ (7-65/4^4-3)^{2+1}$
-24609341	P	$-(9-8)-7^*(- (6- (5^4*3)^2)+1)$	-25804792	G	$9-8-7^*((6^*5^4*3)^2-1)$
-24609357	P	$-(9+8)-7^*(-6+ (5^4*3)^2+1)$	-25804802	G	$-9+8-7^*(6^*5^4*3)^2-1$
-24609425	P	$-(9-8)-7^*(6+ (5^4*3)^2+1)$	-25920297	G	$-9^*8+ (-7- (6^*5)^4)^*32-1$
-24609441	P	$-(9+8)-7^*(- (6- (5^4*3)^2)+1)$	-25920488	G	$-9+ (-8-7- (6^*5)^4)^*32+1$
-24661156	P	$-((-987-6)^{5+4-3})^{2^*1}$	-25969216	P	$-(98^*(7- (6- (54-3))))^{2^*1}$
-24710841	P	$-(9^*(8^*7/6+543))^{2^*1}$	-25987616	G	$-9^8+7^6*((5+4+3)^2+1)$
-24720784	P	$-((-987-6)^{5+4+3})^{2^*1}$	-26036708	P	$-(9^8-7^*((6^*5)^4*3+2))-1$
-24853363	G	$-9^8+ (7+6)^5*(4+3)^2+1$	-26036719	P	$-(9^8-7^*(6^*5)^4*3)+2^*1$
-24879707	G	$(9^*-8-7)^*(6+54^3*2-1)$	-26036734	P	$-(9^8-7^*((6^*5)^4*3-2))+1$
-24890121	P	$-(9^*(-8^*76+54)-3)^{2^*1}$	-26036735	P	$-(9^8-7^*((6^*5)^4*3-2))^*1$
-24893535	G	$9-8^*((7^*6)^4(5- (4-3))-2-1)$	-26071976	G	$-9^8+ (7-65)^{4^3/2+1}$
-24893594	G	$-9-8^*((7^*6)^4(5- (4-3))+2)-1$	-26071977	G	$-9^8+ (7-65)^{4^3/2^*1}$
-24917814	G	$(9^8-7^*(6^*5)^4)/(-3/2^*1)$	-26105265	G	$-9^8+7^6*(5+4+3)^{2^*1}$
-24940036	P	$-(9-8^4(7-6)^5*4-3)^{2^*1}$	-26105266	G	$-9^8+7^6*(5+4+3)^2-1$
-24960016	P	$-(9-8^*(7- (6-5^4)))^3)^{2^*1}$	-26214410	P	$-(9-8^7*(6-5^4+3/2))-1$
-24970008	P	$-((98/-7+6)^5*4+3)^{2+1}$	-26228519	G	$-9^8+ (76^5*4-3)^2+1$
-24970009	P	$-((98/-7+6)^5*4+3)^{2^*1}$	-26228521	G	$-9^8+ (76^5*4-3)^2-1$
-24974328	G	$-9+ (8- ((-7+65)^4)^3)^2+1$	-26244921	G	$-9^8+ ((7+6-5)^4+3)^2-1$
-24977735	P	$-(9^8+7)- (6^*54)^3*2-1$	-26250024	G	$-9-8^*(7^*6^*5^4(4+3)+2)+1$
-24980004	P	$-(98^*(7+6- (5-43)))^{2^*1}$	-26250680	G	$-9-8^*7^*6^*(5^4(4+3)+2)+1$
-25009582	P	$-(9+ (8^7*6-5^4- (4-3)))^2)+1$	-26294073	P	$-(9^8)+ (((7+6-5)^4-3)^2-1)$
-25020004	P	$-(9- (8^*(7- (6-5^4))+3))^{2^*1}$	-26338673	P	$-(9+8)^7*6^*- (5^*4)^{(3^*2)^*1}$
-25030008	P	$-((98/-7+6)/5^4-4-3)^{2+1}$	-26338674	P	$-(9+8)^7*6^*- (5^*4)^{(3^*2)^*1}$
-25072522	G	$-9- ((8^7-6^5)^4*3+2)+1$	-26364001	P	$-(9-87)^*65^4(- (4+3)+2)-1$
-25084167	P	$-9- (8-7^*(- (6-5^4)^3)^2-1))$	-26372375	P	$-(9-8)+7^*(- (6^5/4+3)^2-1)$
-25140196	P	$-(9- (8^*(7- (6-5^4))+3))^{2^*1}$	-26372385	P	$-(9+8)+7^*(- (6^5/4+3)^2-1)$
-25154874	P	$9^8- (8-7-6)^*(5-432+1)$	-26372391	P	$-(9+8)+7^*(- (6^5/4+3)^2-1)$
-25164576	P	$-(9- (- (8^7*6-5^4)+3)^2)+1$	-26397162	P	$-(9+8^7)- (6^*5)^4(4+3-2)-1$
-25164588	P	$-(9+ (8^7*6-5^4+3)^2)+1$	-26426251	G	$9^*8^*6/5^4-4^*-3^2-1$
-25164599	G	$(-9-8^7*6- (5^4+3))^2-1$	-26460736	P	$-(9- (8+7^*(6+ (5+4)^3)))^{2^*1}$
-25166614	G	$-9+ (-8^7-65)^4*3-2+1$	-26470656	G	$9+ (8-7^6*5^4(43+2))^*1$
-25166918	P	$-(9- (8^7*6-543)^2)+1$	-26471043	P	$-(9+8)- (7^*(-6- (5+4)^3))^{2-1}$
-25180324	P	$-(9^*8^*6-5/-4^4-3)^{2^*1}$	-26471376	G	$9- (8+7^6*5^4)^*(43+2)^*1$
-25196056	G	-9^8+7+65^4+32+1	-26482551	P	$-9^8-7^*6^*(- (5^4+3)^2-1)$
-25196065	P	$-(9^8- ((-7-6)^5)^4)+32-1$	-26482592	P	$-9^8-7^*6^*- (5^4+3)^2+1$
-25196085	G	$-9^8+7+65^4+3+2-1$	-26482593	P	$-9^8-7^*6^*- (5^4+3)^2^*1$
-25196087	P	$-(9^8- ((-7-6)^5)^4)+3^4(2^*1)$	-26501903	G	$-9^*(8^*(76-5)+4)^3)^2+1$
-25196089	G	$-9^8+7+65^4/(3-2^4+1)$	-26501905	G	$-9^*(8^*(76-5)+4)^3)^2-1$
-25196093	P	$-(9^8- ((-7-6)^5)^4)+3^4(2-1)$	-26535671	P	$-(9-8)+7^*(- (6^5/4+3)^2-1)$
-25196105	P	$-(9^8- ((-7-6)^5)^4)-3^4(2^*1)$	-26535681	P	$-(9+8)+7^*(- (6^5/4+3)^2-1)$
-25196127	P	$-(9^8- ((-7-6)^5)^4+32)+1$	-26535687	P	$-(9+8)+7^*(- (6^5/4+3)^2-1)$
-25200400	P	$-(9-8^*- (7- (6-5^4))+3)^{2^*1}$	-26541202	G	$-9-8^*(7^6+ (5^*4)^{(3+2)})-1$
-25230529	P	$-(9-8^*(7-6+5^4+3))^{2^*1}$	-26543104	P	$-(9^*8^*76-5/4^4-3)^{2^*1}$
-25291436	G	$(9^*8-7^6*5)^4*3+2+1$	-26574025	P	$-(9^*8^*- (76-5)-43)^{2^*1}$
-25291438	G	$(9^*8-7^6*5)^4*3+2-1$	-26671701	P	$(98^*7/6^4-5+4)^*- (3+2)-1$
-25291440	G	$(9^*8-7^6*5)^4*3-2+1$	-26685399	P	$98^*7^*(6^5+4)^*- (3+2)+1$
-25291442	G	$(9^*8-7^6*5)^4*3-2-1$	-26687557	P	$-((98-7^*65^4)^3)^2-1$
-25390639	P	$-(9-8)- (7+6)^*(5^4(4+3+2)+1)$	-26709829	G	$-9^8+ (7+6)^5*(43+2-1)$
-25410309	P	$-(9^*8^*7^6-5^4)^3*4(2-1)$	-26710317	G	$-9^8+ (7^6)^5*4/32^*1$
-25412022	P	$-(9^*8^*7^6-54)^3*4(2-1)$	-26729207	G	$-9^*(8^*(7+6)^5-432)+1$
-25472209	P	$-(9+ (-8- (76-5)))^4*3)^{2^*1}$	-26732779	P	$-(9^*(8^*(7+6)^5+4+3)-2))^*1$
-25492400	G	$-9^*((8+76)^5*4+3)^2+1$	-26732980	G	$((9-8)/(7+6)^4-5+4)^3*3^2-1$
-25492402	G	$-9^*((8+76)^5*4+3)^2-1$	-26775835	G	$98+ (7-65^4*3)/2+1$

-26775837	G	$98 + (7 - 65^4 \cdot 3) / 2 - 1$	-28676666	P	$-(9^8 - 7) - 6^5 \cdot (-43^2 + 1)$
-26775842	G	$98 - (7 + 65^4 \cdot 3) / 2 + 1$	-28680314	G	$(9^8 - 7 \cdot 6^5 \cdot 4) / -3 \cdot (2^*1)$
-26775844	G	$98 - (7 + 65^4 \cdot 3) / 2 - 1$	-28688742	G	$(9^8 - 7 \cdot 6^5 \cdot 4) / (-3/2^*1)$
-26776031	G	$-98 + (7 - 65^4 \cdot 3) / 2 + 1$	-28692628	G	$(9^8 - 7 - 6^5 \cdot 4) / (-3/2^*1)$
-26776033	G	$-98 + (7 - 65^4 \cdot 3) / 2 - 1$	-28692632	G	$(9^8 + 7 - 6^5 \cdot 4) / (-3/2^*1)$
-26797551	P	$-9^8 - 7 \cdot 6^5 \cdot (-(-5^4 + 3))^2 - 1$	-28694761	P	$-(9^8 - 7 \cdot 654) / 3^*2 + 1$
-26797592	P	$-9^8 - 7 \cdot 6^5 \cdot (-5^4 + 3)^2 + 1$	-28694763	P	$-(9^8 - 7 \cdot 654) / 3^*2 - 1$
-26797593	P	$-9^8 - 7 \cdot 6^5 \cdot (-5^4 + 3)^2 \cdot 1$	-28696302	G	$(9^8 - 7 \cdot 6^5 \cdot 4) / (-3/2^*1)$
-26842761	P	$-(9^8 \cdot (87 \cdot 6 + 54) - 3)^2 \cdot 1$	-28697346	P	$(9^8 - (7 + 6)^5 \cdot 4) / (-3/2^*1)$
-26849674	G	$-9 + 8 \cdot (7 - 6^5) \cdot 432 - 1$	-28697358	G	$(9^8 - 76^5 \cdot (5 + 4)) / -3 \cdot (2^*1)$
-26863489	P	$-(9^8 \cdot (-7 + 65) + 4 - 3)^2 \cdot 1$	-28697398	G	$(9^8 + 7 - 6 - 5^4) / (-3/2^*1)$
-26872831	P	$-((9^8)^{-(-7-6)+5} - 4^{(3+2)}) + 1$	-28697406	G	$(9^8 + 7 + 6 - 5^4) / (-3/2^*1)$
-26873728	P	$-((9^8)^{-(-7-6)+5} - 4^{3 \cdot 2}) \cdot 1$	-28697492	G	$(9^8 - 7 \cdot (65 + 4)) / -3 \cdot (2^*1)$
-26873820	P	$-((9^8)^{-(-7-6)+5} - 4^{3 \cdot 2}) \cdot 1$	-28697508	P	$-(9^8 - 7 \cdot 65) + 4 / (3/2^*1)$
-26874879	P	$-((9^8)^{-(-7-6)+5} + 4^{(3+2)}) + 1$	-28697534	G	$(9^8 - 7 \cdot (6 + 54)) / -3 \cdot (2^*1)$
-26877952	P	$-(9^8)^{-(-7+6+5) - 4^{(3 \cdot 2^*1)}}$	-28697562	G	$(9^8 - 7 \cdot 6^5 \cdot (5 + 4)) / (-3/2^*1)$
-26912563	G	$98^5 \cdot (7 - 65^4 \cdot (4 - 3 + 2)) + 1$	-28697590	P	$(9^8 + 7 \cdot (6 - 54)) / (-3/2^*1)$
-26946084	P	$-(-9 - 8) - 7 \cdot ((654 \cdot 3)^2 - 1)$	-28697598	P	$(9^8 - (76 + 5)^4) / (-3/2^*1)$
-26946102	G	$-(9 - 8) - 7 \cdot ((654 \cdot 3)^2 - 1)$	-28697622	P	$(9^8 - (7 + 65)^4) / (-3/2^*1)$
-26946179	G	$-9 + 8 \cdot 7 \cdot (654 \cdot 3)^2 + 1$	-28697744	G	$(9^8 - 7 \cdot ((6 + 5) + 4)) / (-3/2^*1)$
-26962536	G	$-9 + (8 + (-7 \cdot (6^5 + 4))^3) \cdot 2 + 1$	-28697750	G	$(9^8 - 76 - 5^4) / (-3/2^*1)$
-26967249	P	$-(987 \cdot 6 - (5 + 4)^3)^2 \cdot 1$	-28697764	G	$(9^8 - 76 + 5 - 4) / (-3/2^*1)$
-26995240	G	$9^8 \cdot (-7 - 6)^5 - 4^4 \cdot (3^2 \cdot 1)$	-28697772	G	$(9^8 - 7/6^5 \cdot 4) / (-3/2^*1)$
-27154521	P	$-((9^8) \cdot (-87 \cdot 6 - (5 + 3)))^2 \cdot 1$	-28697836	G	$(9^8 + 7 + 6 + 5^4) / (-3/2^*1)$
-27164944	P	$-(9 + (8^* - 7 - 65)^* - 43)^2 \cdot 1$	-28697856	G	$(9^8 + 7/6^5 \cdot 4) / (-3/2^*1)$
-27176886	G	$(9 - 8 - 7^4 \cdot (6 + (5 - 4))) \cdot (32 + 1)$	-28697860	G	$(9^8 + (7 + 6)^5 + 4) / (-3/2^*1)$
-27263237	P	$-((9 + 8^7) - 6 - 5)^* \cdot (4 + 3^2) - 1$	-28697864	G	$(9^8 + 76 - 5 + 4) / (-3/2^*1)$
-27397702	G	$-9 + 8 \cdot 7 \cdot (6 - 54^3)^2 - 1$	-28697878	G	$(9^8 + 7 \cdot 6 + 54) / (-3/2^*1)$
-27433039	G	$98^5 \cdot (7 - 6^5 \cdot (-5 - 4^* - 3)) + 2 + 1$	-28697884	G	$(9^8 + 7 \cdot ((6 + 5) + 4)) / (-3/2^*1)$
-27434411	G	$-98^5 \cdot (7 + 6^5 \cdot (-5 + 4^* \cdot 3)) + 2 + 1$	-28697992	G	$(9^8 + 7 + 65^4) / -3 \cdot (2^*1)$
-27434417	G	$-98^5 \cdot (7 + 6^5 \cdot (-5 + 4^* \cdot 3)) - 2 - 1$	-28698006	P	$(9^8 + (7 + 65)^4) / (-3/2^*1)$
-27447122	P	$-((9 - 8)^* - 7 \cdot (-6 - 5)^4 \cdot 3) \cdot 2 - 1$	-28698030	P	$(9^8 + (76 + 5)^4) / (-3/2^*1)$
-27498527	P	$9^8 \cdot (-7 \cdot 6^5 - 5 + 4)^3 \cdot 2 + 1$	-28698038	G	$(9^8 - 7 \cdot (6 - 54)) / (-3/2^*1)$
-27510025	P	$-(9 - (8 - 76^5 \cdot (5 + 4^3)))^2 \cdot 1$	-28698066	G	$(9^8 + 7 \cdot 6^5 \cdot (5 + 4)) / (-3/2^*1)$
-27587649	G	$-9 - 8 \cdot (7 + ((6 - 5^4) \cdot 3)^2 - 1)$	-28698070	G	$(9^8 + 76^5 \cdot 4) / (-3/2^*1)$
-27648066	G	$-9 - 8 \cdot (7 - (6^5 \cdot 4)^3 \cdot 2) - 1$	-28698094	P	$(9^8 - 7 \cdot (-6 + 54)) / -3 \cdot (2^*1)$
-27678121	P	$-(9 + 8 - 76^5 \cdot (-5 + 4^3))^2 \cdot 1$	-28698120	G	$(9^8 + 7 \cdot 65 + 4) / -3 \cdot (2^*1)$
-27787270	P	$-(9 + 8^7 \cdot 6^5 / (4 - 3)) + 2 + 1$	-28698136	P	$(9^8 - 7 \cdot (-65 + 4)) / -3 \cdot (2^*1)$
-27869208	G	$-9 - 8 \cdot (7 \cdot 6^5 \cdot 4^3 + 2) + 1$	-28698180	G	$(-9^8 + 76 - 5^4) / (3/2^*1)$
-27930001	G	$98^5 \cdot 76^5 - 5^4 \cdot 3^2 - 1$	-28698222	P	$-(9^8 + 7 + 6 - 5^4) / (-3/2^*1)$
-27930170	P	$-(9^8 - 7) + 6^5 \cdot (5 + 4) \cdot (3/2^*1)$	-28698230	P	$-(9^8 + 7 - (6 + 5^4)) / (-3/2^*1)$
-27952370	P	$-((9 - 8)^* \cdot (-7 \cdot (-6 - 5)^4 + 3))^2 - 1$	-28698270	P	$(9^8 + 76^5 \cdot (5 + 4)) / (-3/2^*1)$
-28000467	G	$((9 - 8)^* \cdot 7^4 \cdot (6 + (5 - 4) - 3))^2 + 1$	-28698282	P	$(9^8 + (7 + 6)^5 \cdot 4) / (-3/2^*1)$
-28005209	G	$-9 \cdot (-8 + (7 \cdot 6)^4 \cdot (5 - (4 - 3))) + 2 + 1$	-28698374	G	$(9^8 + 7 \cdot 6^5 \cdot 4) / (-3/2^*1)$
-28005211	G	$-9 \cdot (-8 + (7 \cdot 6)^4 \cdot (5 - (4 - 3))) + 2 - 1$	-28699326	G	$(9^8 + 7 \cdot 6^5 \cdot 4) / (-3/2^*1)$
-28017162	P	$-(9 + 8^7 + (6^5)^4 \cdot 32) - 1$	-28699854	G	$(9^8 + 765^4) / -3 \cdot (2^*1)$
-28053433	G	$-9^8 + (7 + 6^5)^4 \cdot (3^2 - 1)$	-28700550	G	$(9^8 + 76^5 \cdot 4) / (-3/2^*1)$
-28094474	G	$-9 - ((87 - 6 - 5)^4) \cdot 3 - 2 + 1$	-28700866	G	$(9^8 + 7 \cdot 654) / -3 \cdot (2^*1)$
-28104810	G	$-9 - 8 \cdot 76^5 \cdot (5 \cdot 43)^2 - 1$	-28702996	G	$(9^8 - 7 + 6^5 + 4) / (-3/2^*1)$
-28195001	G	$-9^8 + (7 + 6)^5 \cdot (43 - 2) - 1$	-28703000	G	$(9^8 + 7 + 6^5 - 4) / (-3/2^*1)$
-28259856	P	$-(9^8 - 76^5 \cdot (-5 - 4^3))^2 \cdot 1$	-28706886	G	$(9^8 + 7 \cdot 6^5 \cdot 4) / (-3/2^*1)$
-28311564	P	$-(9 + (8 + (76^5 + 4)^3) / 2) + 1$	-28715314	G	$(9^8 + 7 \cdot 6^5 \cdot 4) / (-3/2^*1)$
-28340596	G	$-9^8 + 7^6 / (5^4 - 4^3 \cdot (3 + 2)) \cdot 1$	-28776246	G	$(9^8 + 7^6 - 5 + 4) / (-3/2^*1)$
-28340597	G	$-9^8 + 7^6 / (5^4 - 4^3 \cdot (3 + 2)) - 1$	-28776260	G	$(9^8 + 7^6 + 5^4) / (-3/2^*1)$
-28387583	G	$-9 \cdot (8 \cdot (7 \cdot 6^5 + 4^3))^2 + 1$	-28796097	P	$-9^8 + (7 - 6^5 \cdot (-5^4 + 3))^2 - 1$
-28387585	G	$-9 \cdot (8 \cdot (7 \cdot 6^5 + 4^3))^2 - 1$	-28823973	G	$(98^* - 7 \cdot 6^5 + 4^3) / (2^*1)$
-28398210	P	$-(9 - 8 + 7 + 65)^4 + 32 - 1$	-28835626	G	$(-98 - 7) \cdot 65^4 \cdot (4 - 3) + 2 - 1$
-28398272	P	$-(9 - 8 + 7 + 65)^4 - 32 + 1$	-28836900	P	$-((9 - 8 + 7)^* \cdot (6 - 543))^2 \cdot 1$
-28440898	P	$-(9 + (8 \cdot (-7 \cdot 6 - 5^4) + 3)^2) \cdot 1$	-28842882	G	$(9^8 + (7 \cdot 6 + 5)^4 \cdot 3) / (-2^*1)$
-28462225	P	$-((9 / (8 + 7 + 6^5 \cdot (5^4 \cdot 3)))^2) \cdot 1$	-28842966	G	$(9^8 + 7 \cdot 6^5 \cdot 4) / (-3/2^*1)$
-28462226	P	$-((9 / (8 + 7 + 6^5 \cdot (5^4 \cdot 3)))^2) - 1$	-28862752	P	$(9 + 8)^* - (7 + 6^5 \cdot (5 - 4 + 3))^2 + 1$
-28483569	P	$-(9 \cdot (-8^7 + 6 - 543))^2 \cdot 1$	-28871721	G	$-9^8 - 7 \cdot (6^5)^4 \cdot (-3/2 - 1)$
-28552662	G	$(9^8 - 7 \cdot 6^5 \cdot 4) / (-3/2^*1)$	-29019769	P	$-(98^* \cdot (7 - 6 + 54) + 3)^2 \cdot 1$
-28594799	P	$-(9 + 8^7) / (-65^4 \cdot 3)^2 - 1$	-29059120	G	$-9^8 + (7 - 6^5 \cdot 4 + 3)^2 + 1$
-28619368	G	$(9^8 - 7^6 - 5^4) / (-3/2^*1)$	-29059122	G	$-9^8 + (7 - 6^5 \cdot 4 + 3)^2 - 1$
-28619382	G	$(9^8 - 7^6 + 5 - 4) / (-3/2^*1)$	-29090400	G	$(-9 - 87 / 6^5 - 5)^4 \cdot 43 + 2 + 1$
-28619798	G	$(9^8 - 7^6 + 5^4) / -3 \cdot (2^*1)$	-29159968	G	$(9 - 8 - 7)^6 \cdot 5^4 + 32 \cdot 1$
-28648171	G	$-9^8 + (-7 - 6^5) \cdot (-43^2 - 1)$	-29159973	G	$-9 \cdot ((8 + 7)^* \cdot (6 + 54)^3 - 2 - 1)$
-28667649	P	$-9 + 8 \cdot (-7 + ((-6 - 5^4) \cdot 3))^2 - 1$	-29160027	G	$-9 \cdot ((8 + 7) / (6 + 54))^3 + 2 + 1$
-28668890	P	$-(9^8 - 7) - 6^5 \cdot (-43^2 \cdot 1)$	-29171097	P	$-9^8 + (7 - 6^5 \cdot (-5^4 + 3))^2 - 1$

-29192408	G	$-9*(8*7+(6-5^4)*3)^2+1$	-30902480	G	$-9*(8*(7-65)*4+3)^2+1$
-29192410	G	$-9*(8*7+(6-5^4)*3)^2-1$	-30902482	G	$-9*(8*(7-65)*4+3)^2-1$
-29203216	P	$-((9*-87+6+5)*(4+3))^2*1$	-30950708	P	$-9^8-7*-((6*5^4)^3+2)-1$
-29218130	G	$-9-8-(-7*(-6-5)*4)^3-2+1$	-30950720	G	$-9^8-(7*(6*-5^4)^3-2)-1$
-29267776	P	$-(9^8)+((7-65)/4^-3)^2+1$	-30950735	G	$-9^8-7*((6*-5^4)^3+2)*1$
-29278112	G	$-9+(-8-(7*6+5)^4)^3*2-1$	-30950736	G	$-9^8-7*((6*-5^4)^3+2)-1$
-29278144	G	$-9-(8+(7*6+5)^4)*3*2-1$	-31079229	G	$-9^8-76*(-54^3-2-1)$
-29296989	G	$-9-(8+7)*(6+5^4(4+3+2)+1)$	-31079305	P	$-(9^8-76*(54^3+2))^*1$
-29360130	G	$-9-8^7*(-6+5^4)+3*2+1$	-31079454	P	$-(9^8-76*54^3)+2+1$
-29360161	G	$(-9-(8^7+(6-5))*(4+3))^2-1$	-31079456	P	$-(9^8-76*54^3)+2-1$
-29360246	G	$(9+8^7)*(6-5^4)+3^2-1$	-31079533	P	$-9^8-76*(-(54^3-2)-1)$
-29365561	P	$-9/((-8^7-(6-5))*43)^2-1$	-31102929	P	$9*(-(8*(-7+65)*4+3)^2*1)$
-29365562	P	$-(9/(-8^7-(6-5))*43)^2-1$	-31165345	G	$-9^8+(7+6)^5*4^3/2*1$
-29374805	P	$-9^8-7*(6+5^4(4+3+2))-1$	-31165346	G	$-9^8+(7+6)^5*4^3/2-1$
-29374889	P	$-9^8-7*(6-5^4(4+3+2))-1$	-31165472	P	$-(9^8+(-7+6)^5+4)^3+1$
-29376400	P	$-(9+(-8-765)*(-4-3))^2*1$	-31171645	G	$-9^8-76*(-5-4+3)^2-1$
-29387240	G	$-9*(8+7*(65*4-3))^2+1$	-31171721	G	$-9^8+76/5^4(-4-3)^2*1$
-29387242	G	$-9*(8+7*(65*4-3))^2-1$	-31171722	G	$-9^8+76/5^4(-4-3)^2-1$
-29403261	P	$-(9-8)+76*(-(-5^4+3)^2-1)$	-31203396	P	$-(98^7(7-6)*(54+3))^2*1$
-29403277	P	$-(9+8)+76*(-(-5^4+3)^2-1)$	-31206201	G	$(9^8-(7*(6+5)^4)^3)/(2*1)$
-29506160	G	$(9^8+(7+6)^5*4^3)/(-2*1)$	-31315217	P	$-(9-8*(76+5^4)+3)^2-1$
-29550086	P	$-(-9+((8-7*65^4)*3)^2)+1$	-31327964	P	$-9^8+7-6*(-5^4(4+3+2)*1)$
-29565001	G	$9*876*-5^4*3^2-1$	-31352767	G	$9-8*7*(6^4(-5-4^3-3)^2-1)$
-29565447	G	$-9^8+(-7*(-6*5-4))^3+2*1$	-31371127	P	$-9+((8+7+6)^5-4)^3/2+1$
-29565449	P	$(9^8+(7*(-6*5-4))^3)*(-2-1)$	-31371132	G	$-9-((8+7+6)^5+4)^3/2-1$
-29565450	P	$-(9^8-(7*(6*5+4))^3+2)+1$	-31371211	P	$-9-((-8-(7-6))^5+4)/3)^2-1$
-29565452	P	$-(9^8-(7*(6*5+4))^3+2)-1$	-31374250	G	$(9+(8-(7+6)^5(-5+4^3)))/2*1$
-29593600	P	$-((-9-(87-6)+5)^4)^3)^2*1$	-31374267	P	$-(9+(8+(7+6)^5(-5+4^3)))/2*1$
-29609793	G	$-9^8+(7+65)^4*(3/2-1)$	-31398028	P	$-9^8-7*(-(6*5^4)^3+2+1)$
-29675807	P	$9*8*(-((7*6^5+4)^3)^2+1$	-31457137	G	$(9-8^7)*(6+5+4)^3+2-1$
-29819738	G	$-9^8-7*(6/-54^-3*2-1)$	-31457212	G	$-9-((8^7-6)^5+4)^3-2+1$
-29819745	G	$-9^8-7*-6*54^3*2*1$	-31457368	G	$-9-((8^7+6)^5-4)^3-2+1$
-29973261	P	$-(9-8)+76*(-(5^4+3)^2-1)$	-31457491	P	$((-9+8^7)-6)^5+4)^3+2*1$
-29973277	P	$-(9+8)+76*(-(5^4+3)^2-1)$	-31483321	P	$-(9/(87+6)/543)^2-1$
-29986575	P	$-(9/(8-7)+65)^4+3-(2*1)$	-31483322	P	$-(9/(87+6)/543)^2-1$
-29986580	G	$-9-(8*(7*6-5)^4-3)^2-1$	-31494153	P	$-9+(-87+6^5)*(-4^3(3^2)*1)$
-30051466	G	$-9^8+(7+6)^5*(4+32-1)$	-31536762	P	$-9^8+(-7+6)^5+4)^3-(32-1)$
-30085225	P	$-(-98*(76-5^4)+3)^2*1$	-31608798	G	$-9^8+(7+(6+5+4)^3)^2-1$
-30107177	P	$-(9+((87+6)*(5-4^3))^2)+1$	-31640635	G	$-9+(-8-7+6)^5*(5^4+3)^2-1$
-30117975	G	$9-(8^7^6-5)/(4^-3*(2*1))$	-31656089	G	$-9^8+7+(6+5+4)^3(3^2*1)$
-30117993	G	$-9-(8^7^6-5)/(4^-3*(2*1))$	-31656103	P	$-(9^8+7)+(6+5+4)^3(3^2*1)$
-30119415	G	$9-8*(7^6+5)/(4^-3*(2*1))$	-31674394	P	$-(9+((8+7-6)^5+4+3)^2)-1$
-30119433	G	$-9-8*(7^6+5)/(4^-3*(2*1))$	-31706672	P	$-9^8-7*(-((6^5)^4+3)^2-1)$
-30132704	P	$(9^8-(7-6))/(-5/(4+3)^2*1)$	-31706680	P	$-9^8-7*(-((6^5)^4+3)^2-1)$
-30176483	G	$(9-87)*(-6+(5^4-3)^2)+1$	-31706756	P	$-9^8-7*(-((6^5)^4+3)^2-1)$
-30206015	P	$-(9+(-87-6)^5(5-4^3))^2+1$	-31706764	P	$-9^8-7*(-(6^5)^4+3)^2-1$
-30215059	G	$(9^8+7^6)/(-5/(4+3)^2*1)$	-31730215	G	$-9^8+(7-65)^4+3^2+1$
-30231573	G	$(9^8*7-6^5(5+4))^3+2+1$	-31730217	G	$-9^8+(7-65)^4+3^2-1$
-30231575	G	$(9^8*7-6^5(5+4))^3+2-1$	-31730232	G	$-9^8+(7-65)^4-3^2-1$
-30232416	G	$(9+87)*(6-54^3)^2+1$	-31741955	G	$-9*((8-7)^6+5^4)^3)^2+1$
-30232837	G	$-9+(87-6^5(5+4))^3-2+1$	-31741957	G	$-9*((8-7)^6+5^4)^3)^2-1$
-30340878	P	$-9^8+(-76-5)^4-3)/-2+1$	-31752193	G	$(-9-8-(7+6^5))*-4^3(3^2)-1$
-30340881	G	$-9^8-((76-5)^4-3)/-2+1$	-31764870	G	$(9^8-7^6*54)^3(3+2)*1$
-30375017	G	$-9*(8/(76-5+4)^-3+2)+1$	-31798320	P	$-(9-87*65+4+3)^2+1$
-30408717	G	$-(9-8^7*(6+5/4)+3)^2-1$	-31798322	P	$-(9-87*65+4+3)^2-1$
-30458699	P	$9*87*(6^5+4)*(-3+2)+1$	-31801755	G	$-9^8+(7-6^5)^5*4^3(3+2+1)$
-30514576	P	$-(9*(8*76+5)+4+3)^2*1$	-31809537	G	$(-9-8+7+6^5)*-4^3(3^2)-1$
-30527488	P	$(98*76+5)*(-4^3(3^2)*1)$	-31817729	G	$(-9+8-(7-6^5))*-4^3(3^2)-1$
-30645794	G	$-9^8+7*((6+5)^4(4^3/2)*1)$	-31821825	P	$-(9-8+(-7+6^5)/4^3(3^2-1))*1$
-30645801	G	$-9^8+7*((6+5)^4(4^3/2)-1)$	-31821896	P	$-9^8+(-7+6^5)*-4^3(3^2)*1$
-30663063	G	$-9^8-7*-6*(54^3)^2*1$	-31821922	P	$-98+(-7+6^5)*-4^3(3^2)*1$
-30663070	G	$-9^8-7*(-6/54^3)^2+1$	-31842710	P	$-(9-8+7)-6^5*(4^3(3^2)-1)$
-30670849	P	$9*8^7*(-(-6+5)/-4+3)/2-1$	-31842712	G	$9-8+7-6^5*(4^3(3^2)-1)$
-30696690	G	$-9^8*(6^5+4-3)-(2+1)$	-31842714	P	$-(9-(8+7))-6^5*(4^3(3^2)-1)$
-30702680	G	$-9*((8^7/-6+5^4)^3)^2+1$	-31842744	P	$-(9+8+7)-6^5*(4^3(3^2)-1)$
-30702682	G	$-9*((8^7/-6+5^4)^3)^2-1$	-31842799	P	$-(9*8+7)-6^5*(4^3(3^2)-1)$
-30780001	G	$9*8*76*-5^4*3^2-1$	-31846409	G	$-9+(8-7-6^5)*4^3(3^2)*1$
-30795497	G	$-9-8*(-7+(65^4)^3)^2-1$	-31846824	G	$-9+(-8-(7+6^5))*4^3(3^2)-1$
-30813601	P	$-(9*8*-7*(6+5)-4-3)^2*1$	-31854184	G	$-9+(-8-(7-6^5))*(-4^3(3^2)-1)$
-30859375	P	$(9^8+7)*(-6-5+4)^3(3^2-1)$	-31866024	P	$-(9-87*65+4-3)^2+1$

-31866026	P	$(-9 \cdot 87 \cdot 65 + 4 \cdot 3)^2 - 1$	-33883173	G	$-9 \cdot ((8 \cdot 7^6 + 5) \cdot 4 + 3^{(2 \cdot 1)})$
-31875073	G	$(-9 + 8 + 7 + 6^5) \cdot 4^{(3 \cdot 2)} - 1$	-33883416	P	$(-9 + 8 \cdot 7^6 - 5) \cdot (4 + 32 \cdot 1)$
-31879185	P	$(-9 + 8) - (7 + 6^5) \cdot 4^{(3 + 2 + 1)}$	-33885183	G	$(-9 \cdot (8 + 7^6) + (5 - 4)) \cdot 32 + 1$
-31911926	G	$9 + (-8 - 7 - 6^5) / 4^{(3 \cdot 2 - 1)}$	-33885226	P	$(-9 + (8 + 7^6) \cdot (5 + 4) \cdot 32) - 1$
-31981576	G	$-9 \cdot 8^7 \cdot ((65/4 - 3) + 2) + 1$	-33965583	P	$(-(-9 + 876 \cdot 5) \cdot 4/3)^2 + 1$
-32000525	G	$(98/7)^6 \cdot (5/4 - 3) + 2 + 1$	-34012326	G	$-98 - 7 - ((6 \cdot 54)^3 - 2 - 1)$
-32079881	P	$-9 + (8 \cdot 7 + 6^5) \cdot (4^{(3 \cdot 2)} \cdot 1)$	-34012328	G	$-98 - 7 - ((6 \cdot 54)^3 - 2 + 1)$
-32083999	G	$-9 \cdot 8 + (7 \cdot (-6 - 5) \cdot 43)^2 + 1$	-34013208	G	$-987 - (6 \cdot 54)^3 + 2 + 1$
-32109222	P	$-9 \cdot 8 - 7 \cdot (6 \cdot 5^4/3)^2 - 1$	-34013212	G	$-987 - ((6 \cdot 54)^3 + 2) + 1$
-32109228	P	$-9 \cdot 8 - 7 \cdot (-6 \cdot 5^4/3)^2 + 1$	-34088766	G	$-9 \cdot 8 + (7 + 65)^4/3 + 2 + 1$
-32155784	G	$-9 \cdot 8 + (7 \cdot 6)^5/(4 \cdot 3) + 2 - 1$	-34088770	G	$-9 \cdot 8 + (7 + 65)^4/3 - 2 + 1$
-32155785	P	$(9 \cdot 8 + (7 \cdot 6)^5/(-4 \cdot 3)) / (-2 - 1)$	-34088772	G	$-9 \cdot 8 + (7 + 65)^4/3 - 2 - 1$
-32155786	P	$(-9 \cdot 8 + (7 \cdot 6)^5/(-4 \cdot 3) + 2) + 1$	-34091808	G	$-9 \cdot 8 + (7 - 6 \cdot 5)^4 \cdot 32 + 1$
-32174080	P	$(9 \cdot 8 + 7 + 6^5) \cdot (4^{(3 \cdot 2)} \cdot 1)$	-34121408	G	$-9 \cdot 8 + (((-7 - 6) \cdot 5)^4 + 3) / 2 - 1$
-32239683	P	$(-98 - 76^{(-5 + 4 + 3)})^2 + 1$	-34121411	P	$-9 \cdot 8 - (-(7 - 6) \cdot 5)^4 + 3) / 2 - 1$
-32313344	P	$-9 \cdot 8 + (7 \cdot 6 + 5) \cdot (4^{(3 \cdot 2)} \cdot 1)$	-34121412	G	$-9 \cdot 8 + (-7 + 65 \cdot 4) \cdot (3/2 - 1)$
-32388546	G	$-9 + (8 + (7 - 65 \cdot 4)^3) \cdot 2 + 1$	-34135689	G	$-9 \cdot 8 + (7 + 6)^5 \cdot (4 \cdot 3 \cdot 2 \cdot 1)$
-32432149	P	$(-9 \cdot 8 - 7) + (6 \cdot 543)^2 + 1$	-34167745	G	$-9 \cdot (87 + 65 + 4)^3 - 2 + 1$
-32477814	P	$(9 \cdot 8 - 7 \cdot (6 \cdot 5)^4) / -3 \cdot (2 \cdot 1)$	-34170008	G	$-9 - ((8 + 7)^6 - 5 \cdot 4) \cdot 3 + 2 - 1$
-32505866	P	$(-9 \cdot 8 + (7 \cdot 6) \cdot (6 - 5 \cdot 4 - 3/2)) - 1$	-34171737	P	$(-9 + (8 + 7)^6) \cdot (6 + 54) \cdot 3 + 2 + 1$
-32650517	P	$(-9 \cdot 8 + (7 + 6)^5 \cdot (4 - 32)) \cdot 1$	-34171739	P	$(-9 + (8 + 7)^6) + 54 \cdot 3 + 2 - 1$
-32809983	P	$(-9 + 87 \cdot 65 + 4 \cdot 3)^2 + 1$	-34171825	G	$-9 - (((8 + 7)^6 - 5 \cdot 4) \cdot 3 + 2 - 1)$
-32809985	P	$(-9 + 87 \cdot 65 + 4 \cdot 3)^2 - 1$	-34171888	G	$-9 - ((8 + 7)^6 + 5 - 4) \cdot 3 - 2 + 1$
-32902495	G	$(-9 \cdot 8 + (7 \cdot 65 \cdot (-4 - 3))^2 + 1$	-34171912	G	$-9 - ((8 + 7)^6 + 5 + 4) \cdot 3 - 2 + 1$
-32941695	G	$9 - 8 \cdot (7^6 \cdot 5 \cdot (4 + 3) - 2) \cdot 1$	-34171945	G	$-9 - (((8 + 7)^6 + 5 \cdot 4) \cdot 3 + 2 - 1)$
-32941727	G	$-9 \cdot 8 \cdot 7^6 \cdot 5 \cdot (4 + 3) + 2 \cdot 1$	-34171965	P	$(-9 + (8 + 7)^6 + 5 \cdot 4) \cdot 3 - 2 - 1$
-32968986	G	$-9 \cdot 8 + 7 + 6^5(5 + 4) + 32 \cdot 1$	-34199104	P	$(-98 \cdot (-7 + 6) / 5 \cdot 43)^2 \cdot 1$
-32968987	G	$-9 \cdot 8 + 7 + 6^5(5 + 4) + 32 - 1$	-34210801	P	$(-9 + 8 \cdot (7 - 6 + (5 + 4)^3))^2 \cdot 1$
-32969001	P	$(-9 \cdot 8 + 7) + 6^5(5 + 4) + 32 - 1$	-34219635	G	$-9 - 876 \cdot (5^4(4 + 3) / 2 + 1)$
-32969009	G	$-9 \cdot 8 + 7 + 6^5(5 + 4) + 3^2(2 \cdot 1)$	-34245903	P	$(-(-9 - 876 \cdot 5) \cdot 4/3)^2 + 1$
-32969014	G	$-9 \cdot 8 + 7 + 6^5(5 + 4) + 3 + 2 - 1$	-34257625	P	$(-9 + 8) - ((-7 - 6^5/4) \cdot 3)^2 + 1$
-32969023	P	$(-9 \cdot 8 + 7) + 6^5(5 + 4) + 3^2(2 \cdot 1)$	-34258727	P	$(-9 \cdot 8 + 7 - (65 \cdot 4)^3/2) + 1$
-32969025	P	$(-9 \cdot 8 + 7 - 6^5(5 + 4) - 3 \cdot 2) + 1$	-34292737	G	$(9 \cdot 8 \cdot 7 - (6 \cdot 5 \cdot 4)^3) \cdot 2 - 1$
-33021810	P	$-9 \cdot 8 + (7 + 6)^5 \cdot (-4 - 32) - 1$	-34311330	G	$-9 - 87 \cdot ((6 + 5 \cdot 4 - 3)^2 - 1)$
-33203363	G	$(-9 - 8) \cdot (7 + 6 + 5^4(4 + 3 + 2) + 1)$	-34426387	G	$-9 \cdot (8 \cdot 7 + (6 \cdot 5 \cdot 4)^3 + 2) - 1$
-33203856	G	$(-9 - 8) \cdot (7 \cdot 6 + 5^4(4 + 3 + 2) + 1)$	-34437315	P	$(9 \cdot 8 - 76) / (5/4 \cdot (-3 - 2)) + 1$
-33281021	G	$-9 \cdot 8 + 76 + 5^4(4 + 3 \cdot 2) - 1$	-34506982	G	$-9 \cdot 8 + (7 + 6)^5 \cdot (4 \cdot 3 \cdot 2 - 1)$
-33281054	P	$(-9 \cdot 8 - 7 \cdot 6) + 5^4(4 \cdot 3 - 2) \cdot 1$	-34515625	P	$(-9 \cdot 8 \cdot (-76 + 5) - 43)^2 \cdot 1$
-33281055	P	$(-9 \cdot 8 - 7 \cdot 6) + 5^4(4 \cdot 3 - 2) - 1$	-34541714	G	$-9 \cdot 8 - 7 \cdot ((6 \cdot 5)^4 \cdot 3/2 - 1)$
-33281084	G	$-9 \cdot 8 + 7 + 6^5(4 + 3 \cdot 2) - 1$	-34541722	G	$-9 \cdot 8 - 7 \cdot (6 \cdot 5)^4 \cdot 3/2 - 1$
-33281110	P	$(-9 \cdot 8 + 7 + 6) + 5^4(4 + 3 \cdot 2) - 1$	-34543652	G	$-9 \cdot 8 + 7 + 6 + 5^4(3 + 2 - 1)$
-33281139	P	$(-9 \cdot 8 + 7 \cdot 6) + 5^4(4 \cdot 3 - 2) - 1$	-34586929	G	$(-98 \cdot 7^6 + 5 \cdot 4) \cdot 3 + 2 \cdot 1$
-33303133	G	$-9 \cdot 8 + (7 + (6 + 5)^4(4 + 3)) / 2 - 1$	-34586930	G	$(-98 \cdot 7^6 + 5 \cdot 4) \cdot 3 + 2 - 1$
-33303140	G	$(9 \cdot (8 - (7 - 6) \cdot 5) \cdot (-4 + 3)) / 2 - 1$	-34587324	G	$(98 \cdot (-7^6 + 5) + 4) \cdot 3^2(2 - 1)$
-33311251	G	$-98 \cdot 7 \cdot 6 \cdot 5 \cdot 4 \cdot 3 \cdot 2 - 1$	-34588644	G	$(-98 \cdot 7^6 + 54) \cdot 3^3(2 - 1)$
-33362207	P	$(-9 + 8 \cdot 7 + 6 + 5)^4 + 32 + 1$	-34590288	G	$(-98 \cdot 7^6 + 5) - 4 \cdot 3^3(2 - 1)$
-33390782	G	$(9 \cdot 8 \cdot 7 - (6 \cdot 5)^4) \cdot 3^3 - 2 + 1$	-34590679	G	$(-98 \cdot 7^6 - 5 \cdot 4) \cdot 3 + 2 \cdot 1$
-33390784	G	$(9 \cdot 8 \cdot 7 - (6 \cdot 5)^4) \cdot 3 - 3^3 - 2 - 1$	-34591454	G	$98 \cdot (-7^6 - 5 - 4) \cdot 3 - 2 \cdot 1$
-33393103	G	$-9 \cdot 8 + (7 + 6)^5(5 + 4 - 3) \cdot (2 \cdot 1)$	-34591455	G	$98 \cdot (-7^6 - 5 - 4) \cdot 3 - 2 - 1$
-33480745	G	$(-9 \cdot (8 - 7 + 6) + 5) \cdot (4 + 3) + 2 + 1$	-34594689	G	$-98 \cdot (7^6 + 5 \cdot 4) \cdot 3 - 2 - 1$
-33480747	G	$(-9 \cdot (8 - 7 + 6) + 5) \cdot (4 + 3) + 2 - 1$	-34597923	P	$(-(-9 - 8) \cdot (7 \cdot (-6 - (5 - 4) + 3)))^2 + 1$
-33480751	P	$(9 \cdot (8 - (7 - 6) \cdot 5) \cdot (-4 + 3)) - 2 - 1$	-34597925	P	$(-(-9 - 8) \cdot (7 \cdot (-6 - (5 - 4) + 3)))^2 - 1$
-33547264	P	$(-9/8 \cdot 76 + 5)^4 \cdot 3^2 + 1$	-34621456	P	$(-987 \cdot 6 + 5 - 43)^2 \cdot 1$
-33554337	G	$9 - (8 \cdot (7 + 6 - 5) - 43) \cdot (2 \cdot 1)$	-34648316	G	$-9 \cdot 8 + (7 \cdot 6 \cdot (5 + 4 \cdot 3))^2 + 1$
-33554551	G	$9 - (8 \cdot (7 + 6 - 5) + 4 \cdot 3) \cdot 2 \cdot 1$	-34660352	P	$(98 \cdot 7 + 6^5) \cdot (4^{(3 \cdot 2)} \cdot 1)$
-33554552	G	$9 - (8 \cdot (7 + 6 - 5) + 4 \cdot 3) \cdot 2 - 1$	-34715664	P	$(-9 \cdot (8 - 7 + 654) + 3)^2 \cdot 1$
-33570782	G	$(9 \cdot 8 \cdot 7 - (6 \cdot 5)^4) \cdot 3^3 - 2 + 1$	-34802271	G	$(-9 - 87 \cdot 6) \cdot (5 + 4 \cdot (3^2 - 1))$
-33570784	G	$(9 \cdot 8 \cdot 7 - (6 \cdot 5)^4) \cdot 3^3 - 2 - 1$	-34809999	P	$(-(-9 - 876) \cdot 5 \cdot 4/3)^2 + 1$
-33572637	G	$9 \cdot 8 \cdot ((76/54/3)^2 - 1)$	-34810001	P	$(-(-9 - 876) \cdot 5 \cdot 4/3)^2 - 1$
-33593624	P	$(-9 + ((8 - 76) \cdot (5 + 4 \cdot 3))^2) + 1$	-34811291	G	$-9 \cdot 8 - 7 \cdot (6 + 5 - 4) \cdot (-3 \cdot 2 - 1)$
-33658396	G	$-9 + 87 \cdot (6 - (5 \cdot 4 - 3)^2) - 1$	-34821800	P	$(-9 + (8 \cdot 7 + 6^5) / 4) \cdot 3^3 + 2 + 1$
-33659440	P	$(-9 + 87 \cdot (6 + (5 \cdot 4 - 3)^2)) - 1$	-34946651	G	$-9 \cdot 8 + (-7 - (6 \cdot 5)^4) \cdot (-3^2 - 1)$
-33701471	G	$-9 \cdot 8 + (765 \cdot 4 - 3)^2 + 1$	-34963569	P	$(-9 \cdot (8 - 7) \cdot (654 + 3))^2 \cdot 1$
-33701473	G	$-9 \cdot 8 + (765 \cdot 4 - 3)^2 - 1$	-35011720	G	$-9 - 8 \cdot (7 / ((6 + 5)^4 + 3))^2 - 2 + 1$
-33767737	P	$(-9 + 8) - ((-7 + 6^5/4) \cdot 3)^2 + 2 + 1$	-35022724	P	$(-987 \cdot 6 - 5 + 4 - 3)^2 \cdot 1$
-33785720	G	$-9 \cdot 8 + (7 \cdot 6 \cdot 5)^4(4 - 3 + 2) + 1$	-35057664	P	$(9 \cdot 87 + 6^5) \cdot (4^{(3 \cdot 2)} \cdot 1)$
-33881481	G	$-9 - 8 \cdot (7^6 - 5) \cdot (4 + 32 \cdot 1)$	-35069146	G	$-9 \cdot 8 + (-7 - 6^5) \cdot (4^{(3 + 2)} - 1)$
-33882651	G	$-9 \cdot ((8 \cdot 7^6 - 5) \cdot 4 - 3^3(2 \cdot 1))$	-35076328	P	$(-9 \cdot 8 + 7) + 6^5 \cdot 4 \cdot (3 + 2) + 1$
-33882910	G	$9 \cdot 8 / (7^6 - 6 / (-5 + 4 - 3)) + 2 \cdot 1$	-35076930	P	$-9 \cdot 8 + (-7 - 6^5) \cdot (-4 - (-3 - 2) - 1)$
-33883011	G	$-9 \cdot ((8 \cdot 7^6 + 5) \cdot 4 - 3^3(2 \cdot 1))$	-35084090	P	$-9 \cdot 8 + 7 - 6^5 \cdot (-4^{(3 + 2)} \cdot 1)$

-35084097	P	$-9^8 + ((-(-7+6)+5)^4)^{(3+2)*1}$	-36639901	G	$(9^8 - 7 + 6^4(5+4)^3) / (-2^*1)$
-35084098	P	$-9^8 + ((-(-7+6)+5)^4)^{(3+2)-1}$	-36639908	G	$(9^8 + 7 + 6^4(5+4)^3) / (-2^*1)$
-35091265	P	$-9^8 + (-7+6^5)^4 - (-3-2)^*1$	-36639915	P	$(9^8 + (7+6^4(5+4))^3) / (-2^*1)$
-35091266	P	$-9^8 + (-7+6^5)^4 - (-3-2)-1$	-36667971	G	$-9^8 - 7^*(6^5)^4 / (3^{\wedge}-2-1)$
-35093776	P	$-(987*6-5+4+3)^{\wedge}2*1$	-36675136	P	$-(9/(8-7^*-6^5+4^3))^{\wedge}-2*1$
-35099034	G	$-9^8 + (-7+6^5)^*(4^{\wedge}(3+2)-1)$	-36696320	G	$-9^8 + (7*6^5*4^3)^{\wedge}2+1$
-35152038	G	$-9-(8+7+(65^4)^3)^*2+1$	-36756476	G	$-9^*(8+7+6)^{\wedge}5+432-1$
-35152111	G	$-98-(7+(65^4)^3)^*2+1$	-36756478	G	$-9^*(8+7+6)^{\wedge}5+432-1$
-35153091	G	$-9-(8+(7*(6+5))^4+32)-1$	-36756584	P	$9^*-(((8+7)+6)^{\wedge}5-4^*3^2)+1$
-35153121	G	$-9^*8-((7*(6+5))^4+3^2)+1$	-36757234	P	$9^*(-((8+7+6)^{\wedge}5+4)-32)-1$
-35156240	P	$(9+(8-7)^6)^*(-(5^4*3)^{\wedge}2+1)$	-36757340	G	$-9^*(8+7+6)^{\wedge}5-432+1$
-35203141	G	$(-9-8)^*(7^6+5^{\wedge}(4+(3+2)))-1$	-36757342	G	$-9^*(8+7+6)^{\wedge}5-432-1$
-35208506	G	$-9^8-7^*(-6^{\wedge}(5+4))^3-2-1$	-36765305	G	$9+(-8-7^6*5^4+3)/2+1$
-35208513	G	$-9^8-7^*-6^{\wedge}(5+4)^3-2^*1$	-36765307	G	$9+(-8-7^6*5^4+3)/2-1$
-35208514	G	$-9^8-7^*-6^{\wedge}(5+4)^3-2-1$	-36765323	G	$-9+(-8-(7^6/5^{\wedge}-4-3))/2+1$
-35212355	P	$-(987*6+5+4+3)^{\wedge}2+1$	-36765325	G	$-9+(-8-(7^6/5^{\wedge}-4-3))/2-1$
-35212357	P	$-(987*6+5+4+3)^{\wedge}2-1$	-36765346	P	$-(9^8-7^6/-5^{\wedge}-4-3)/2+1$
-35234688	P	$-(9^8-7)+(65^4)^{\wedge}2+1$	-36765347	P	$-(9^8-7^6/-5^{\wedge}-4-3)/2^*1$
-35271956	G	$(-9-8-7^*(6^{\wedge}(5+4)+3))/2-1$	-36765351	G	$(9^8-7^6/-5^{\wedge}-4+3)/-2-1$
-35287558	P	$-9-((8+7^*(6-54))^{\wedge}3+2))+1$	-36765360	G	$(-98-7^6*5^4+3)/2^*1$
-35343024	P	$-(987*6+5^4+3)^{\wedge}2+1$	-36765363	G	$(-98-(7^6*5^4+3))/2^*1$
-35343026	P	$-(987*6+5^4+3)^{\wedge}2-1$	-36765382	G	$-9^8+(7^6*5^4+3)/2+1$
-35462025	P	$-(9^*(8^*76+54)-3)^{\wedge}2*1$	-36765409	P	$-(98-(7^6*5^4+3)/2)^*1$
-35546875	P	$(98-7)^*(-(6-(5-4))^{\wedge}3^{\wedge}2-1)$	-36767802	G	$9+((-8-7^6)/5^{\wedge}-4+3)/(2^*1)$
-35555551	G	$-9^8+(7+(6-5^4)^3)^{\wedge}2+1$	-36767805	G	$9-((-8-7^6)*5^{\wedge}-4-3)/(-2^*1)$
-35634834	G	$-9^8-7^{\wedge}(6+5-4)^*(-3^{\wedge}2^*1)$	-36767820	G	$-9+((-8-7^6)/5^{\wedge}-4+3)/(2^*1)$
-35640900	P	$-(987*6+5+4+3)^{\wedge}2*1$	-36767823	G	$-9-((-8-7^6)*5^{\wedge}-4-3)/(-2^*1)$
-35701288	P	$-(9+8-(-7-65^4-3)^*2)-1$	-36795936	G	$((-98-7^6)/5^{\wedge}-4+3)/(2^*1)$
-35701296	P	$-(9+(8+(7+65^4)+3)^*2)-1$	-36795939	P	$((-98-7^6)/-5^{\wedge}-4+3)/(-2^*1)$
-35712576	P	$-(9^8*(76-5-4^*-3))^{\wedge}2*1$	-36823328	G	$-9^8+(7^6)^{\wedge}(5-(4-3))^*2+1$
-35736484	P	$-(98*(7+6+5+4+3))^{\wedge}2*1$	-36823329	G	$-9^8+(7^6)^{\wedge}(5-(4-3))^*2*1$
-35756714	P	$-(9^8-7+(6*5)^{\wedge}4*3^2))^*1$	-36906236	G	$-9^8+(7^6*5^4+3)^{\wedge}2+1$
-35756728	P	$-(9^8+7+(6*5)^{\wedge}4*3^2))^*1$	-36939265	G	$9+(8-7^6)^*(5^4+3)/(2^*1)$
-35765271	G	$9+8*(7^6*(5-4+3)+2^*1)$	-36939283	G	$-9+(8-7^6)^*(5^4+3)/(2^*1)$
-35772361	P	$-(987*6-5+4^3)^{\wedge}2*1$	-36941472	G	$(9-8-7^6)^*(5^4+3)/(2^*1)$
-35888945	G	$(-98+7)^*(-6-5^4+3)^{\wedge}2-1$	-36942084	P	$-(-9^*(8^*7+6-5^4+3))^{\wedge}2*1$
-35906478	G	$-9^8-7+65^4/(3/2+1)$	-36942100	G	$(-9+8-7^6)^*(5^4+3)/(2^*1)$
-35928036	P	$-(9^*(8+7+654-3))^{\wedge}2*1$	-36944289	G	$9-(8+7^6)^*(5^4+3)/(2^*1)$
-35971120	G	$-9^8+(76*5*(-4-3))^{\wedge}2+1$	-36944307	G	$-9+(-8-7^6)^*(5^4+3)/(2^*1)$
-35987782	P	$-(9^8-7^6*(54+3^2))-1$	-36947124	G	$(-9-(8+7^6))^*(5^4+3)/(2^*1)$
-35995658	G	$-9+((-8-76)^*5+4)^3/2-1$	-36972558	G	$(-98-7^6)^*(5^4+3)/(2^*1)$
-36079425	G	$-9^8-7^*(-6^5*4^3)^*2+1$	-36998728	G	$-9^8-7^*((6^5*4)^3/2+1)$
-36081069	G	$(98-7+6+5)^4/-3+2+1$	-37015063	P	$-9^8+7-6+5)^4-3^*2-1$
-36081071	G	$(98-7+6+5)^4/-3+2-1$	-37019053	G	$-9^*(8+7+6)^{\wedge}5-4^*(3^2*1)$
-36137975	G	$-9^8+(7+6)^*((5+4)^{(3^*2)+1})$	-37035001	G	$9876*5^4*3^*2-1$
-36137996	G	$-9+(8-76)^*(5+4)^{(3^*2)+1}$	-37063165	G	$-9^8-76*(-54^3/2+1)$
-36175880	G	$-9-8^7*((65/4+3)-2)+1$	-37096512	G	$-9^8-(-7+65^4)/-3+2+1$
-36192256	P	$-((-98-(7-6)+5)^4)^{\wedge}2*1$	-37096516	G	$-9^8-((-7+65^4)/-3+2)+1$
-36328244	G	$-9^8+(-7-6^{\wedge}(5+4)/3)^*-2-1$	-37109069	G	$-9^8-76*(-5^{\wedge}(4+3)-2)^*1$
-36328272	G	$-9^8-(-7+6^{\wedge}(5+4)/3)^*-2-1$	-37109070	G	$-9^8-76*(-5^{\wedge}(4+3)-2)-1$
-36352082	G	$(9^{\wedge}(8-7)^6+5)^4*-3+2-1$	-37109218	P	$-(9^8-76/5^{\wedge}(-4-3))+2+1$
-36386801	G	$-98*(7+6)^{\wedge}5-43^*2-1$	-37109219	P	$-(9^8-76/5^{\wedge}(-4-3))+2+1$
-36387098	P	$98^*-((7+6)^{\wedge}5+4)+3^2-1$	-37109374	P	$-9^8-76*(-5^{\wedge}(4+3)-2)-1$
-36393181	P	$98^*-((7+6)^{\wedge}5+4^3+2)+1$	-37141439	P	$(9+87)^*(-(6+(-5^4+3)^2)+1$
-36433149	P	$-9^8-7^6*(-(54^3+2)^*1$	-37164521	P	$-9^8+(-7^6+5)^*(-(4+3)^{\wedge}2-1)$
-36433156	G	$-9^8-7^*(-6*(54^3+2)+1)$	-37197800	P	$-(9-8^*765+4^3)^{\wedge}2+1$
-36433212	G	$-9^8-7^*(-6*54^3-(2+1))$	-37197802	P	$-(9-8^*765+4^3)^{\wedge}2-1$
-36433247	P	$-(9^8-7^*(6/54^{\wedge}-3-2))^*1$	-37249162	G	$-9-8^7+(65^*-4)^3^*2-1$
-36433254	P	$-9^8-7^*(-6*54^3+2+1)$	-37258815	P	$-(9-8^*765+4^3)^{\wedge}2+1$
-36433296	G	$-((9^8*7+6-5)^4)^{\wedge}2*1$	-37258817	P	$-(9-8^*765+4^3)^{\wedge}2-1$
-36433324	G	$-9^8-7^*(6*(-54^3+2)+1)$	-37267506	G	$-9^8+((7*(6-5))^4+3)^{\wedge}2-1$
-36481600	P	$-(9/(8-7^6*5+4^3))^{\wedge}-2*1$	-37281676	G	$-9^8+(7^6+5)^*(4+3)^{\wedge}2-1$
-36484221	P	$-9^8-7^*(-6*5^{\wedge}(-4-3))^*2*1$	-37281913	G	$-9^8+7+(6+5-4)^{\wedge}(3^2-1)$
-36484228	P	$-9^8-7^*(-6*5^{\wedge}(-4-3))^*2+1$	-37281919	G	$-9^8+7^6*(5-4^3)^{\wedge}2+1$
-36494765	G	$-9^*(8+7+6)^{\wedge}5+4^{\wedge}(3^2*1)$	-37281927	P	$-(9^8+7)+(6+5-4)^{\wedge}(3^2-1)$
-36542025	P	$-((9-8^*7^6*54)/3)^{\wedge}2*1$	-37282166	P	$-9^8+(-7^6+5)^*(-(4+3)^{\wedge}2-1$
-36566728	P	$-(9^8+7)+(6*5)^4*(3^2-1)$	-37315484	G	$-9^8+(7^6*(-54-3))^{\wedge}2+1$
-36566777	G	$-9^8+(-7+(6*5)^4)^*(3^2-1)$	-37318969	G	$(9^8+7)^*6^5*4^3/-2-1$
-36614601	P	$-((9-8^*7^6*54)/3)^{\wedge}2*1$	-37332099	P	$-(9-8^*765+4-3)^{\wedge}2+1$
-36639894	P	$(9^8-(7-6^{\wedge}(5+4))^3)/(-2^*1)$	-37332101	P	$-(9-8^*765+4-3)^{\wedge}2-1$

-37340376	G	$-9-(8+(7*6)^5/(4+3))^2+1$	-38118293	G	$-9-8-7^6*(54/3)^2*1$
-37376496	P	$-9^8-7*(-(6^5)^4-32)+1$	-38118310	P	$-(9+8+7^6*54*3)^*(2*1)$
-37376657	P	$-9^8-7*(-(6^5)^4+3^2)+1$	-38118373	G	$-98-7^6*(54/3)^2+1$
-37376678	P	$-9^8-7*(-(6^5)^4+3^2)+1$	-38118374	G	$-98-7^6*(54/3)^2*1$
-37376687	P	$-9^8-7*(-(6^5)^4+3+2)-1$	-38118472	P	$-(98+7^6*54*3)^*(2*1)$
-37376688	P	$-(9^8-7*(6^5)^4-32)+1$	-38155329	P	$-((-9-(87*-6+5)^4)^3)^2*1$
-37376697	P	$-9^8-7*(-(6^5)^4-3)+2+1$	-38167013	G	$-9^8+7*(6+5)^4+3^2(2+1)$
-37376698	P	$-9^8-7*(-(6^5)^4-3)+2*1$	-38167045	G	$-9^8+(7*6+5)^4-3^2+1$
-37376714	P	$-9^8-7*(-(6^5)^4+3-2)*1$	-38167047	G	$-9^8+(7*6+5)^4-3^2-1$
-37376757	P	$-9^8-7*(-(6^5)^4-(3+2))-1$	-38186680	G	$-9^8+(-7-(6^5)^4)^*-3^2-1$
-37376762	P	$-9^8-7*(-(6^5)^4-3^2)+1$	-38186714	P	$-(9^8-7)+(6^5)^4*(3+2+1)$
-37376783	P	$-9^8-7*(-(6^5)^4-3^2)+1$	-38186728	G	$-9^8-7+(6^5)^4*(3+2+1)$
-37376944	P	$-9^8-7*(-(6^5)^4-32)+1$	-38186764	G	$-9^8+(-7+(6^5)^4)^*3^2-1$
-37376945	P	$-9^8-7*(-(6^5)^4-32)*1$	-38215518	G	$-9^8+(7*(6-5^4*3))^2-1$
-37388473	G	$-9^8+(7-65)^4*(3/2-1)$	-38238534	G	$-9+(-8-7^6)^*(54^3*2+1)$
-37399329	G	$-9^8+(7^6+5)^*((4+3)^2-1)$	-38258752	G	$-(9^8(8-(7-6)^5)+5^4)^*(3^2-1)$
-37399569	P	$-(9^8-7^6*(54-3^2))^*1$	-38263759	P	$-(9^8(8-(7-6)^5)^4+3)^*2-1$
-37399570	P	$-(9^8-7^6*(54-3^2))-1$	-38353248	P	$-(9+8^7*65+4^3)^2+1$
-37491128	P	$-(9-8^7*65-4^3)^2+1$	-38353250	P	$-(9+8^7*65+4^3)^2-1$
-37491130	P	$-(9-8^7*65-4^3)^2-1$	-38365569	G	$-9^8-7*(-6^5*43^2*1)$
-37645126	G	$-9+(-8+7^6)^5/-4^3-3+2+1$	-38365576	G	$-9^8-7*(-6^5*43^2+1)$
-37647553	P	$-(98/7)^6*5+4^3*2-1$	-38447594	G	$-9^8+7*(65+4)^3*2+1$
-37647632	P	$-(98/7)^6*5+(4+3)^2-1$	-38447595	P	$-9^8-7*(-(65+4)^3*2*1)$
-37647651	G	$(98/7)^6*5-(4-32)+1$	-38447602	P	$-9^8-7*(-(65+4)^3*2+1)$
-37647653	G	$(98/7)^6*5-(4-32)-1$	-38458556	G	$-9^8+(7^6*(54+3))^2+1$
-37647720	G	$(98/7)^6*5-(43-2)+1$	-38558921	G	$-9^8+76*((5+4)^3+2+1)$
-37647722	G	$(98/7)^6*5-(43-2)-1$	-38567745	G	$-9^8+(7+65)^4/(3+2+1)$
-37647724	G	$(98/7)^6*5-(43+2)+1$	-38588504	G	$(9-8^7*6)^5*(5+4+32)-1$
-37647726	G	$(98/7)^6*5-(43+2)-1$	-38652720	G	$-9^8+(76+54)^3*2+1$
-37647767	G	$(98/7)^6*5-43^2-1$	-38675813	P	$-(9^8-(7^6*5-4)^3/2)^*1$
-37647809	P	$-(98/7)^6*5-4^3*2-1$	-38675961	P	$-(9^8-(7^6+5-43))^2*1$
-37650246	G	$-9+(-8-7^6)^5*4^3+2+1$	-38745914	G	$-9^8-7*(-6^5*(5^4*3)^2-1)$
-37731103	G	$-9^8+7*((6+5+4)^3+2)-1$	-38745963	G	$-9^8-7*-6^5*((5/4^3-3)^2-1)$
-37746869	G	$-9-(8^7*6-5^4)^3+2-1$	-38787928	P	$-9^8-7*(-(65^4*3)^2+1)$
-37747025	P	$-((-9-8^7)^*-6-5^4)^3-(2*1)$	-38811357	G	$-9^8+7^6*(5+4-3)^2*1$
-37748429	P	$9^8(8^7+6-5^4-3)^*-2+1$	-38811358	G	$-9^8+7^6*(5+4-3)^2-1$
-37749263	P	$-(9^8+7+65^4)^3-2-1$	-38812900	P	$-((-9-(876+5))^*(4+3))^2*1$
-37749835	P	$-(9^8+7+6)^3-543^2-1$	-38836016	G	$-9^8+(76*(-5-4)^3)^2+1$
-37750051	G	$(9^8+7+65+3)^*-2-1$	-38879995	P	$-((-(-9-8)+7)^*(6^5)^4-3)^2-1$
-37839198	G	$-9^8+(7^6-6-5^4)^3)^2-1$	-38880066	G	$-9-8^7*(7+(6^5)^4*3)^2-1$
-37859763	G	$-(9^8+(7^6-6)^5/4+3)/(2*1)$	-38905255	P	$(9^8*7+6)^*(-5^4-(-4-3)+2)-1$
-37859766	P	$(9^8+(7^6)^5/4+3)/-(2*1)$	-38929007	P	$-9^8-7^6(6+5-4)^*-3+2-1$
-37860865	P	$(9+87)/-(-6-5^4+3)^2-1$	-38949955	G	$-9^8+(7-6^5-5^4)^3*(2*1)$
-37861439	P	$(9+87)^*-6+(5^4+3)^2+1$	-38952656	G	$-9^8-(-7-6)^5*54^3*2+1$
-37870165	P	$-9^8+7^6*(5-(4+3)^2)^*1$	-38952670	G	$-9^8+(-7-6)^5*(-54^3*2+1)$
-37870166	P	$-9^8+7^6*(5-(4+3)^2)-1$	-38962279	G	$-9^8+(7^6+5)^4*3^2+1$
-37893088	G	$-9^8+(76-54)^3+2+1$	-38962564	P	$-(987*6-5/4^3)^2*1$
-37916495	G	$-9^8+(-7^6*54+3)^2+1$	-38974176	G	$-9+(87-(6+5)^4(4+3))^2+1$
-37916497	G	$-9^8+(-7^6*54+3)^2-1$	-38974372	P	$-(9+8)-(7+(6+5)^4(4+3))^2+1$
-37919742	G	$-9^8+(7+6)^*((5^4+3)^2-1)$	-38974401	P	$-9^8+(7-(6+5)^4-(-4-3))^2-1$
-37933070	P	$-(9+8+(7^6-6+54))^3+2+1$	-38974453	G	$-98-(7+(6+5)^4(4+3))^2+1$
-37933074	G	$-9-(8-(7^6(6-54))^3+2)+1$	-38982464	G	$-9^8+7^6*(5-43)^2+1$
-37933076	G	$-9-(8-(7^6(6-54))^3+2)-1$	-38996687	P	$-9^8+(-7-(6^5)^4)^*-3+2-1$
-37970244	P	$-((9^8+7)^*(-6-5^4)^3)^2*1$	-38996713	G	$-9^8+7+(6^5)^4*(3+2)+1$
-38007867	P	$-9^8-(-7-(6^5-(-5-4)+3))/2+1$	-38996727	G	$-9^8-7+(6^5)^4*(3+2)+1$
-38007870	P	$-9^8-(-7-6^5-(-5-4)+3)/2+1$	-38996757	G	$-9^8+(-7+(6^5)^4)^*(3+2)-1$
-38007874	P	$-9^8+(-7+6^5-(-5-4)+3)/2+1$	-39000025	P	$-(9/((-8-7)^*(-6/5^4-4+3)))^2-1$
-38007877	P	$-9^8+(-7-6^5-(-5-4)+3))/2+1$	-39025009	P	$-((-9-87)^6*65+4+3)^2*1$
-38017228	P	$-(9^8+(7+6)/((5^4-3)^2-2+1)$	-39127610	P	$-9^8-7^6*(-6^5-(-5-4)^3)^2-1$
-38017242	G	$-9^8+(7+6)^*((5^4+3)^2-1)$	-39127617	P	$-9^8-7^6*(-6^5-(-5-4)^3)^2*1$
-38068318	G	$-9+(8-(7+65^4)^3)^2+1$	-39155095	G	$9^8*(-8^7-(6+5^4(4+3)))^2-1$
-38069992	P	$-(9+8^7)^*-6^5^4+3^2-1$	-39197269	P	$-(9^8-7)+(65^4*3)^2+1$
-38070010	P	$-(9+8^7)^*-6^5^4-3^2-1$	-39207380	G	$-9-((8+(7^6)^5)/(4/3+2)-1)$
-38070031	P	$-(9+8^7)^*-6^5^4-32+1$	-39213697	G	$-9^8+(-7-6)^5*(-54^3+2+1)$
-38070033	P	$-(9+8^7)^*-6^5^4-32-1$	-39255918	P	$-(9^8+7)+(6^5/4+3)^2+1$
-38081241	P	$-((9+8^7(7-(6+5)^4)^3)^2*1$	-39265139	P	$-9^8-7^6*(-6+(5+4)^3)^2-1$
-38118080	G	$(98-7^6*54^3)^*2*1$	-39265147	G	$-9^8+7^6*(6+(5+4)^3)^2-1$
-38118242	G	$(9+8-7^6*54^3)^*2*1$	-39266728	G	$-9^8-7^6*((6^5)^4/(-3+2+1)$
-38118251	G	$9+(8-7^6*54^3)^*(2*1)$	-39279246	P	$-(9^8+7)+(6^5/(-4+3))^2+1$
-38118283	G	$9-(8+7^6*54^3)^*(2*1)$	-39279247	P	$-(9^8+7)+(6^5/(-4+3))^2*1$

-39281793	G	$-9^8 - (7^6 + 5) / (-4^{-3} * (2^*1))$	-40001221	P	$-(9+8) * (7^6 * 5^4 + 32 + 1)$
-39281946	P	$-9^8 + 7 * (- (6 - 5^4)^{(3+2)} + 1)$	-40022720	G	$-9^8 + 7 * (6 + 54)^3 * 2 + 1$
-39281953	P	$-(9^8 - 7^6 / ((5-4)/32))^*1$	-40022721	P	$-9^8 - 7 * (- (6 + 54)^3 * 2^*1)$
-39281954	P	$-(9^8 - 7^6 / ((5-4)/32)) - 1$	-40022728	P	$-9^8 - 7 * (- (6 + 54)^3 * 2 + 1)$
-39326627	P	$-9^8 - 7 * (- (6/54)^{(-3^2)} - 1)$	-40025171	G	$-9^8 + 7 * ((654+3)^2 + 1)$
-39326633	P	$-9^8 - 7 * (- (6/54)^{(-3^2)} + 1)$	-40025178	G	$-9^8 + 7 / (654+3)^{-2^*1}$
-39326676	P	$-(9^8 + 7 * (6 - (5+4)^{(3^2)}))^*1$	-40030929	P	$-(98 * (-7-6)^5 + 43)^2 * 1$
-39333751	G	$-9^8 - ((7+6)^5 + 4) * (-3^2 - 1)$	-40071617	G	$-9^8 + (-7 + 65^4) / (3^2) + 1$
-39346312	G	$-9 + (-8^7 - (65^4)^3) * 2 + 1$	-40071618	G	$-9^8 + (-7 + 65^4) / (3^2) * 1$
-39360327	P	$-(9^8 + 7) + (6^5 * 4^3)^2 + 1$	-40076382	P	$-(9^8 - ((7+6)^5 * 4 - 3)^2) + 1$
-39387611	P	$-9^8 - 7 * (- (6 - (5+4)^3)^2 - 1)$	-40076409	P	$-9^8 - (- (7+6)^5 + 4) * (3^2 - 1)$
-39387618	P	$-9^8 - 7 * (- (6 - (5+4)^3)^2 * 1)$	-40077970	P	$-(9^8 - 76^5 * (4+3) / 2) + 1$
-39436722	G	$-9^8 + (7 - (-6 - 5^4) * 3)^2 - 1$	-40077971	P	$-(9^8 - 76^5 * (4+3) / 2) * 1$
-39454202	G	$-9^8 - 7 * (-6^5 * (4^3 + 2) - 1)$	-40078047	G	$-9^8 - 76^5 * (-5^4 + 3) / 2 + 1$
-39454208	G	$-9^8 - 7 * 6^5 * (-4^3 - 2) + 1$	-40080121	P	$-9^8 - 7 * (- (654 - 3)^2 + 1)$
-39454209	G	$-9^8 - 7 * 6^5 * (-4^3 - 2) * 1$	-40105495	G	$-9^8 + 7^6 / (5^4 - 4 - 3)^{-2} + 1$
-39489726	G	$-9^8 + (7 + (-6 - 5^4) * 3)^2 - 1$	-40105496	G	$-9^8 + 7^6 / (5^4 - 4 - 3)^{-2} * 1$
-39531055	G	$-9^8 - (-7^6 - (5^4 * 3)^2) - 1$	-40107386	P	$-9^8 - 7 * (- (6^5 - 5^4 * 3)^{-2} - 1)$
-39531139	G	$-9^8 - 7^6 + (5^4 * 3)^2 - 1$	-40107394	P	$-9^8 - 7 * (- (6^5 - 5^4 * 3)^{-2} - 1)$
-39533697	P	$-9^8 - 76^5 * (- (5^4)^2 + 1)$	-40233028	G	$-9^8 + 7 * (6 + 5^4 + 3)^2 + 1$
-39563094	G	$-9^8 - 7 * (-6^5 * 4^3 + 2 + 1)$	-40233036	G	$-9^8 + 7 * ((6 + 5^4 + 3)^2 - 1)$
-39572226	G	$-9^8 + (7 + (-6 + 5^4) * 3)^2 - 1$	-40285992	G	$-9^8 + 7 * (6 + (5^4 + 3)^2) - 1$
-39577409	G	$-9^8 + 7 / ((-6 - 5)^4 * 3)^{-2} * 1$	-40285998	G	$-9^8 + 7 * (6 + (5^4 + 3)^2) - 1$
-39590714	G	$-9^8 - 7 * (6^5 * (-4)^3 * 2^*1)$	-40286032	G	$-9^8 + 7 * (6 + 5^4 - 3)^2 + 1$
-39590728	P	$-(9^8 + 7 + (6^5 * (-4)^3 * 2)^*1)$	-40286040	G	$-9^8 + 7 * ((6 - (-5^4 + 3))^2 - 1)$
-39601848	P	$-(9/87 / (654 - 3))^{-2} + 1$	-40286076	P	$-9^8 + 7 * (- (6 - (5^4 + 3)^2) - 1)$
-39624222	G	$-9^8 + (7 - (-6 + 5^4) * 3)^2 - 1$	-40286082	P	$-9^8 + 7 * (- (6 - (5^4 + 3)^2) - 1)$
-39671930	G	$-9^8 - 7 * (6^5 * (-4^3 + 2) - 1)$	-40302244	P	$-(9 + ((8^7 + 6 + 5)^4 - 3)^2) + 1$
-39671936	G	$-9^8 - 7 * 6^5 * (4^3 - 2) + 1$	-40302258	G	$-9 - ((8^7 + 6 + 5)^4 + 3) * 2 - 1$
-39684464	G	$-9^8 - (-7 - 6^5) * 432 + 1$	-40310737	G	$-9 + 8^7 * (7 - 6^5 (5 + 4) * (3/2 - 1))$
-39687483	G	$-9^8 + 7 + 6^5 * 432 - 1$	-40311168	G	$(-9 - 87 - 6^5 (5 + 4) * (3 + 2 - 1))$
-39687488	G	$-9^8 + (7 + 6 + 5)^4 * 32 + 1$	-40311204	G	$(-98 - 7 - 6^5 (5 + 4) * (3 + 2 - 1))$
-39687490	G	$-9^8 + (7 + 6 + 5)^4 * 32 - 1$	-40338492	G	$-9^8 + 7 * (6 + (5^4 - 3)^2) - 1$
-39687495	P	$-(9^8 + 7 - 6^5 (5 + 4) / 3) + 2 - 1$	-40338498	G	$-9^8 + 7 * (6 + (5^4 - 3)^2) - 1$
-39690512	G	$-9^8 + (-7 + 6^5) * 432 + 1$	-40338533	G	$-9^8 + 7 * ((6 - (5^4 + 3))^2 * 1)$
-39705121	P	$-9^8 - (-7 + 6)^5 * 5 + 4)^* - 3^2 - 1$	-40338540	G	$-9^8 + 7 * ((6 - (5^4 + 3))^2 - 1)$
-39745231	G	$-9^8 + (-7 * 6^5 * 4 + 3)^2 + 1$	-40338576	P	$-9^8 + 7 * (- (6 - (5^4 - 3)^2) - 1)$
-39745233	G	$-9^8 + (-7 * 6^5 * 4 + 3)^2 - 1$	-40338582	P	$-9^8 + 7 * (- (6 - (5^4 - 3)^2) - 1)$
-39765386	P	$-9^8 - 7 * 6^5 * (5^4 - (-4 - 3) + 2) + 1$	-40340794	G	$-9^8 + 7 * 6^5 * (5^4 + 3)^2 - 1$
-39765387	P	$-9^8 - 7 * 6^5 * (5^4 - (-4 - 3) + 2) * 1$	-40353529	G	$9 + 87 - (6 + 5 - 4)^3 * 2^*1$
-39765394	G	$-9^8 - 7 * (-6^5 * (5^4 + 3) + 2) + 1$	-40353542	G	$9 + 8^7 - (6 + 5 - 4)^3 * 2^*1$
-39765457	P	$-9^8 - 7 * (-6^5 * (4 + 3) + 2) * 1$	-40353560	G	$-9 + 8^7 - (6 + 5 - 4)^3 * 2^*1$
-39765458	P	$-9^8 - 7 * (-6^5 * (4 + 3) + 2) - 1$	-40353672	G	$-9 - 8^7 - (6 + 5 - 4)^3 * 2^*1$
-39765486	G	$-9^8 - 7 * (-6^5 * (4 + 3) + 2) - 1$	-40353686	G	$-9 + 8^7 - (6 + 5 - 4)^3 * 2^*1$
-39765492	G	$-9^8 - 7 * (-6^5 * (4 + 3) + 2 + 1)$	-40353698	G	$-98 + 7 - (6 + 5 - 4)^3 * 2^*1$
-39765554	P	$-9^8 - 7 * 6^5 * (-5^4 - (-4 - 3) + 2) + 1$	-40353712	G	$-98 - 7 - (6 + 5 - 4)^3 * 2^*1$
-39765562	G	$-9^8 - 7 * (6^5 * (-5^4 + 3) + 2) + 1$	-40354293	G	$-98^7 - (6 + 5 - 4)^3 * 2^*1$
-39767136	G	$-9^8 + 7 * (6 + 5)^4 * 32 + 1$	-40354390	G	$9^8 - 7 - (6 + 5 - 4)^3 * 2^*1$
-39767137	P	$-9^8 - 7 * (- (6 + 5)^4 * 32^*1)$	-40354594	G	$-987 - (6 + 5 - 4)^3 * 2^*1$
-39767144	P	$-9^8 - 7 * (- (6 + 5)^4 * 32 + 1)$	-40370182	G	$-9 - 8^7 * (65 / 4 + 3) + 2 + 1$
-39846678	P	$-9^8 + 7 * 6^5 * (5^4)^{- (-3 - 2)} + 1$	-40389593	P	$-(9 - 8) + 76^5 * (- (5 + 4)^{(3^2)} - 1)$
-39846733	P	$-(9^8 + 7) - (6 - (5^4)^{(3+2)}))^*1$	-40389609	P	$-(9 + 8) + 76^5 * (- (5 + 4)^{(3^2)} - 1)$
-39846762	P	$-9^8 - 7 * 6^5 * (- (5^4)^{- (-3 - 2)} + 1)$	-40390529	G	$-9^8 + 7 * ((6 - 5^4 + 3)^2 * 1)$
-39858088	P	$-(9^8 + 7) + 6^5 * ((5 + 4)^{(3^2)} - 1)$	-40390536	G	$-9^8 + 7 * ((6 - 5^4 + 3)^2 - 1)$
-39868986	G	$-9^8 + 7 / (65 - 4)^{-3^2} + 1$	-40411449	P	$-(9^8 - 87 + 6 - 5^4 + 3)^2 * 1$
-39868987	P	$-9^8 - 7 * (- (65 - 4)^3 * 2^*1)$	-40438797	G	$(-9 - 8^7 * 76) * (5 + 4)^3 * 2^*1)$
-39868994	P	$-9^8 - 7 * (- (65 - 4)^3 * 2 + 1)$	-40469526	G	$9 - 8^7 * (7^6 - 5)^4 * 3 + 2 - 1$
-39870198	G	$-9^8 + 7^6 * ((5 + 4)^{(3/2)} * 1)$	-40469528	G	$9 - 8^7 * (7^6 - 5)^4 * 3 - 2 + 1$
-39913281	G	$-9^8 - 765^5 * (-4^4)^{(3^2)} * 1$	-40469530	G	$9 - 8^7 * (7^6 - 5)^4 * 3 - 2 - 1$
-39914046	G	$-9^8 - 765^5 * (-4^4)^{(3^2)} + 1$	-40471029	G	$9 - (8^7 * 6 - 5)^4 * 3 + 2 + 1$
-39935024	G	$-9^8 + (7^6)^5 * (5 - (4 - 3))^2 - 1$	-40471857	P	$(- (9 + 8^7 * 6) - 5)^4 * 3 + 2 - 1$
-39935026	P	$-9^8 + (7^6)^5 * (- (5 + 4 - 3) - 2 + 1)$	-40472966	G	$9 - 8^7 * (7^6 + 5)^4 * 3 + 2 - 1$
-39935028	P	$-9^8 + (7^6)^5 * (- (5 + 4 - 3) - 2 - 1)$	-40472968	G	$9 - 8^7 * (7^6 + 5)^4 * 3 - 2 + 1$
-40000099	P	$-(9 + 8) * (7^6 * 5^4 - 32 - 1)$	-40472970	G	$9 - 8^7 * (7^6 + 5)^4 * 3 - 2 - 1$
-40000133	P	$-(9 + 8) * (7^6 * 5^4 - 32 + 1)$	-40499504	G	$-9^8 + (7^6 * (-5 + 43))^2 + 1$
-40000558	P	$-(9 + 8) * (7^6 * 5^4 - 3 - 2 - 1)$	-40516885	G	$-9 - (((-8 - 7 - 6)^5)^4 / 3 + 2) + 1$
-40000592	P	$-(9 + 8) * (7^6 * 5^4 - 3 - 2 + 1)$	-40528152	G	$-9^8 + (7 - 6^5)^4 * (3^2 * 1)$
-40000626	P	$-(9 + 8) * (7^6 * 5^4 - 3 + 2 - 1)$	-40566670	P	$-9^8 - 7 * (6^5 * (-5 + 4)^{(3+2)} + 1)$
-40000694	P	$-(9 + 8) * (7^6 * 5^4 + 3 - 2 + 1)$	-40566705	P	$-9^8 - 7 * 6^5 * (- (5 + 4)^{(3+2)} + 1)$
-40001187	P	$-(9 + 8) * (7^6 * 5^4 + 32 - 1)$	-40576090	P	$-(9^8 - 7^6 (6 + 5 - 4)^3) * 2^*1$

-40597274	G	$-9^8-7^*(6^5*(43+2)-1)$	-41157146	P	$-9^8+7-6^*(54^3*2^*1)$
-40616698	P	$-(9^8+(-7-(6^5)^4)*3)+2^*1$	-41157166	P	$-(9^8+7)+6^*(54^3*2^*1)$
-40623449	G	$(98+7)^*- (6+(-5^4+3)^2)+1$	-41175298	G	$-9^8+(76^5/3)^2-1$
-40653511	G	$-9^8+(7^*(6+5^43))^2+1$	-41177897	P	$-(9+((87+6)^*(5+4^3))^2)+1$
-40680425	P	$-(9^8+7)+6^*(5^4+3)^2-1$	-41183034	G	$-9^8-7^*(-65/4^4(3^*-2)-1)$
-40680430	P	$-(9^8+7)-6^*(5^4+3)^2+1$	-41183041	G	$-9^8-7^*65/-4^4(3^*-2)^*1$
-40693741	P	$-9^8-7^*6^*(5^4)^3-(2^*1)$	-41188872	G	$-9+(-8^7+7+(6^5)^4)^*32+1$
-40706132	P	$-9^8-7^*(6^5*43+2)-1$	-41211503	P	$-9^8-7^*(6^5*4^3-(-3^2*1))$
-40706160	G	$-9^8-7^*(6^5*43+2)-1$	-41216111	G	$-9^8+((7^*-65+4)^*3)^2+1$
-40718046	G	$-9^8+(7^*654/3)^2-1$	-41277248	G	$-9^8+(76+5^4)^3+2+1$
-40725321	P	$-9+(-(-8-7)^*6+5)^4+3)/2-1$	-41277620	P	$-9^8+7-6^*(543^2*1)$
-40725411	P	$-(9^8-7)+6/(5^4-3)^2-1$	-41277634	P	$-(9^8+7-6^5/543^2)^*1$
-40725430	P	$-(9^8+7)-6^*(5^4+3)^2+1$	-41277640	P	$-(9^8+7)-6^*(543^2+1)$
-40745431	G	$-9^8+(-76^5*4+3)^2+1$	-41303994	P	$-9^8-7^*(6^5+4)^*32-1$
-40745433	G	$-9^8+(-76^5*4+3)^2-1$	-41304001	P	$-9^8-7^*(6^5+4)^*(32^*1)$
-40747145	G	$-9^8+7^*((65+4)^3+2)-1$	-41304890	G	$-9^8-7^*(6^5*4^3/2-1)$
-40747156	G	$-9^8+7/(65+4)^3+2^*1$	-41304897	G	$-9^8-7^*6^5*(-4^3/2^*1)$
-40747173	G	$-9^8-7^*((65+4)^3+2)-1$	-41305026	G	$-9^8-(-7/6^4-5+4)^*32-1$
-40760576	G	$-9^8+(7^*(6^*(5-4))^3)^2+1$	-41305786	G	$-9^8-7^*((6^5+4)^*32-1)$
-40780302	P	$-9-87^*(6^*(5^4-(-4-3)-2)+1)$	-41305794	G	$-9^8-7^*(6^5*4^3)^*32-1$
-40782304	G	$-9-87^*6^*(5^4(4+3)+2)-1$	-41331971	G	$-9^8+(76^5/4)^3+2^*1$
-40782390	G	$-9-87^*(6^*(5^4(4+3)+2)+1)$	-41353224	G	$-9-8^7*(6+5^4)/32+1$
-40793769	P	$-(9^*(8^7+654)-3)^2+1$	-41353226	G	$-9-8^7*(6+5^4)/32-1$
-40807993	G	$-9^8+(7^*6^5)^4*(3^2-1)$	-41358461	P	$-9^8-7^*(6^5+4)^*(32-1)$
-40815002	G	$-9^8-7^*(6^5*(43-2)-1)$	-41359321	G	$-9^8+((7-(6-5))^4+3)^2-1$
-40818963	G	$-9^8+(7+6)^5*(4^3/2^*1)$	-41367098	P	$-(9^8-7)+6^*(5+4)/(3+2+1)$
-40819321	P	$-((-9-8)^*(76^5-4)-3)^2+1$	-41367112	G	$-9^8-7+6^*(5+4)/(3+2+1)$
-40842140	G	$-9^8-7^*(6^5*4^3)^*2+1$	-41367675	G	$-9^8+(7+6^5-5)^4*(3+2+1)$
-40842148	G	$-9^8-7^*((6-54^3)^*2+1)$	-41374873	P	$-(9^8)+(((7-(6-5))^4)-3)^2-1$
-40842176	P	$-9^8-7^*(6+54^3*2+1)$	-41377456	G	$-9^8+(76^5(5+4^3))^2+1$
-40842182	G	$-9^8-7^*(6-54^3*2)+1$	-41399636	G	$-9^8+7^*(6+5^4)^3*2-1$
-40842225	P	$-(9^8-7^*6^*(5+4)/32)^*1$	-41399640	P	$-9^8-(-7^4-(-6+5)+4)^3)^*2+1$
-40842232	G	$-9^8-7^*(6^4(5+4)/32+1)$	-41400631	G	$-9^8+(7-6^5*43)^2+1$
-40842266	G	$-9^8-7^*(6-54^3*2)+1$	-41405759	G	$-9^8+(7^*(6-54+3)^3)^2+1$
-40842308	G	$-9^8+7^*(6+54^3)^*2+1$	-41406103	G	$-9^8-7^*(6^5*(4+3)/2+1)$
-40842316	P	$-9^8+7^*(6+54^3)^*2+1$	-41410321	P	$(98+7)/(-6-54^3)^2-1$
-40885822	G	$-9^8+(7^*6^5*(4+3))^2-1$	-41410949	P	$(98+7)^*(6+(5^4+3)^2)+1$
-40906351	G	$-9^8+(7^*(6-5^43))^2+1$	-41425826	P	$-9^8+(-(-7-6^5)^4)^3/2-1$
-40936907	G	$-9^8+7^*((6+543)^2+1)$	-41426714	P	$-(9^8-7)+(6^5)^4/(3/2-1)$
-40936914	G	$-9^8+7/(6+543)^2+1$	-41426720	P	$-9^8+7-(-6^5)^4+3)^*2^*1$
-40947119	G	$-9^8+(7^*(6-54)^3)^2+1$	-41426741	G	$-9^8-(7-(6^5)^4+3)^*2^*1$
-40949566	G	$-9^8+(7+6-5)^4(4+3)+2+1$	-41457841	P	$-9^8-7^*((65-4)^3+2)-1$
-40949568	G	$-9^8+(7+6-5)^4(4+3)+2-1$	-41457869	P	$-9^8-7^*((65-4)^3+2)-1$
-40982820	P	$-9^8+7^*(6-543^2-2^*1)$	-41459120	G	$-9^8+7^*(6-54)^3)^2+1$
-40999676	P	$-9^8+(-7-6)^*(54^3+2)+1$	-41480611	G	$-9^8+7^*((6-5)^4*3)^2+1$
-40999689	P	$(9^8-7+6)^5*4^3)/(-2-1)$	-41490165	G	$-9^8-76^*(5-4^4(3^*-2)-1)$
-40999728	G	$-9^8+(-7-6)^*(54^3+2)+1$	-41490241	G	$-9^8-76^5/-4^4(3^*-2)^*1$
-41015470	G	$-9^8+(-7-6)^*(5^4(4+3)^*2+1)$	-41490873	G	$-9^8-(7^*6)^4(5-4+3)/-2^*1$
-41015484	P	$-9^8+(-7-6)^*(5^4(-4-3)^*2+1)$	-41490874	G	$-9^8-(7^*6)^4(5-4+3)/-2-1$
-41028145	P	$-9^8-7^*((6-543)^2+1)$	-41498432	G	$-9^8-7/(6-54)^3+2+1$
-41052253	P	$-9^8-76^*(54^3)^2+1$	-41498440	G	$-9^8-7^*((6-54)^3+2+1)$
-41087156	P	$-9^8+7^*(6^4(5-4^3)+2)-1$	-41522618	G	$-9^8-7^*(6^5*(4-32)-1)$
-41087183	P	$-9^8-7^*(6^4(5-4^3)+2)^*1$	-41526721	G	$-9^8+76^5*4^3*32^*1$
-41087184	P	$-9^8-7^*(6^4(5-4^3)+2)-1$	-41526722	G	$-9^8+76^5*4^3*32-1$
-41093584	G	$-9^8+7+6+5^4(4+3+2)-1$	-41534708	G	$-9^8+7^*((6+54)^3+2)-1$
-41093610	P	$-(9^8+7+6)+5^4(4+3+2)-1$	-41534719	G	$-9^8+7/(6+54)^3+2^*1$
-41093639	G	$-9^8-7^*6+5^4(4+3+2)-1$	-41534736	G	$-9^8-7^*((6-54)^3+2)-1$
-41093671	P	$-(9^8+76-5^4(4+3+2))+1$	-41537524	G	$(98-(7^*6-5))^4*3-2+1$
-41105229	G	$-9^8-7^*6^*(5^4*3)^2+1$	-41537526	G	$(98-(7^*6-5))^4*3-2-1$
-41105271	P	$-9^8-7^*6^*(5^4*3)^2+1$	-41561522	P	$-(9^8-(7+6)^5*4)+3^2(2+1)$
-41105278	G	$-9^8-7^*(6/(5^4*3))^2+1$	-41561540	P	$-(9^8-(7+6)^5*4)+3^2(2^*1)$
-41124346	G	$-9^8-7^*(65^4(4-(3-2))^*1)$	-41576704	P	$-((-9-8)^*76^5-4^3)^2+1$
-41124353	G	$-9^8-7^*(65^4(4-(3-2))+1)$	-41597539	G	$-9^8+7^*((65^4(-4-3))^2+1)$
-41156706	P	$-9^8-7^*((6^5)^4/3+2)+1$	-41597546	G	$-9^8+7^*(65^4(4+3))^2+1$
-41156714	G	$-9^8+7^*((6^5)^4/3+2)+1$	-41599988	P	$-(9-8)+(-7-6)^*(5^4)^3(3+2)-1$
-41156718	P	$-(9^8-7^*(6^5)^4/3+2+1)$	-41628304	P	$-(98-7-6543)^2+1$
-41156720	P	$-(9^8-7^*(6^5)^4/3+2-1)$	-41629221	G	$-9^8+7^*(6^5)^4/(3+2-1)$
-41156722	G	$-9^8+(-7^*(6^5)^4/3+2)+1$	-41633001	G	$-9^8+76^5*(4^3)^2-1$
-41156734	G	$-9^8-7^*((6^5)^4/3+2)+1$	-41663744	G	$-9^8+(7^*(6+54^3))^2+1$
-41156735	G	$-9^8-7^*((6^5)^4/3+2)^*1$	-41673372	G	$(9^8-7^6*543)^*2^*1$

-41700164	G	$(9^8+7^6(6^5(5-4)+3))/(-2^*1)$	-41998127	G	$-9^8+7+6+5+4^3(3^2+1)$
-41715522	P	$-9^8+(-7-6)^*-(5^*4^3)^2-1$	-41998141	P	$-(9^8+7)+6+5+4^3(3^2+1)$
-41715534	P	$-9^8+(-7-6)^*(-5^*4^3)^2+1$	-41998146	G	$-9^8+(7+6-5)^{(4+3)}/2-1$
-41719616	G	$-9^8+(76^*5+4)^*3^2+1$	-41998153	P	$-(9^8+7+6)+5+4^3(3^2+1)$
-41740346	G	$-9^8-7^*(6^5*4^*-3^*2-1)$	-41998163	P	$-(9^8+7+6+5)+4^3(3^2+1)$
-41740353	G	$-9^8-7^*6^5*(-4^*3^*2^*1)$	-42006322	G	$-9^8+(765^*4/3)^2-1$
-41760764	G	$-9^8+(7^*6^*(-5-4)^*3)^2+1$	-42023218	G	$-9^8+(-7-6)^*(-54^3/2+1)$
-41774336	G	$-9^8+(76^*-5+4)^*3^2+1$	-42030656	G	$-9^8+(7^*(-6+54)^*3)^2+1$
-41783296	P	$-(9^8+7-6543)^2^*1$	-42031098	P	$-(9^8-(7+6)^*5^4(4+3)+2)^*1$
-41830645	G	$-9^8-76^*((5^*-4)^3*2-1)$	-42031099	P	$-(9^8-(7+6)^*5^4(4+3)+2)-1$
-41830721	G	$-9^8-76^*(5^*-4)^3*2^*1$	-42031121	G	$-9^8+(-7-6)^*(-5^4(4+3)+2)+1$
-41831714	G	$-9^8+7+(6^*5)^4*3/2^*1$	-42031122	G	$-9^8+(-7-6)^*(-5^4(4+3)+2)^*1$
-41831715	G	$-9^8+7+(6^*5)^4*3/2-1$	-42042714	G	$-9^8+(-7-6^5)^*(-4^3*2-1)$
-41831728	P	$-(9^8+7)+(6^*5)^4*(3/2^*1)$	-42051168	G	$-9^8-(-7-6^5*4)^*32+1$
-41831729	G	$-9^8-7+(6^*5)^4*3/2-1$	-42051379	P	$-(9^8-(7+6^5*4^3)^*2)^*1$
-41846956	G	$-9^8-7^*((6^*(5+4^3))^2-1)$	-42051386	P	$-9^8+7-6^5*(-4^*3^*2^*1)$
-41854152	G	$-9^8-7^*((-6-5)^*4)^3*2+1$	-42051616	G	$-9^8+(-7+6^5*4)^*32+1$
-41854256	G	$-9^8+(7^*(6-54^*3))^2+1$	-42052288	G	$-9^8+(-7+6^5)^*4^*32+1$
-41859221	P	$-(9^8-76/5^4(4^*3/-2))^*1$	-42060058	G	$-9^8+(-7+6^5)^*(4^*32-1)$
-41859297	G	$-9^8-76^*(-5^4(4^*3/2)+1)$	-42074122	G	$-9^8+7^*(6^*(5+4^3))^2-1$
-41876433	G	$-9^8-7^*(-6^5*43/2^*1)$	-42101720	G	$-9^8-7^*(6^*5)^4/(-3^*2)+1$
-41876440	G	$-9^8-7^*(-6^5*43/2+1)$	-42101721	G	$-9^8+7^*(6^*5)^4/(3+2+1)$
-41886784	P	$-((-9-8)^*-76^5+4^*3)^2^*1$	-42101728	G	$-9^8-7^*((6^*5)^4/(-3^*2)+1)$
-41889094	G	$-9^8+(7^*(6+5+4))^3+2^*1$	-42101933	P	$-(9^8+7)+6^*(54^3+2)-1$
-41895001	G	$-98^*76^5*4^*3^2-1$	-42101936	P	$-9^8+7-6^*-54^3-(2-1)$
-41903649	G	$-9^8-7^*-6^5*(4^*(3+2)+1)$	-42101943	P	$-(9^8+7-6^*54^3)+2-1$
-41918186	P	$-9^8+(-7-6^5)^*(-(4^*3)^2-1)$	-42101945	P	$-(9^8+7-6/54^3-3+2)+1$
-41919194	P	$-(9^8-7)-6^5*(-(4^*3)^2-1)$	-42101956	P	$-(9^8+7)+6^*(54^3-2)^*1$
-41919365	G	$-9^8+7^*(6+5)^{(4+3-2)-1}$	-42101957	P	$-(9^8+7)+6^*(54^3-2)-1$
-41919371	P	$-9^8-7^*(-(6+5)^{(4+3-2)+1})$	-42105489	G	$-9^8+(7^6+5)/(4/32)^*1$
-41925970	P	$-9^8+(-7-6^5)^*(-(4^*3)^2-1)$	-42105569	G	$-9^8+(7^6-5)/(4/32)^*1$
-41926984	P	$-9^8+(-7-6^5)^*(-(4^*3)^2^*1)$	-42109206	G	$-9^8-(-7-6^5)^4/(4+3)^2+1$
-41927986	G	$-9^8+(-7+6^5)^*(4^*3)^2-1$	-42109214	P	$-9^8+7-6^*-(5^4(4+3)^*2^*1)$
-41932833	P	$-(9^8-((7+6)^5+4)^*3+2)-1$	-42109228	P	$-(9^8+7)+6^*(5^4(4+3)^*2^*1)$
-41932842	P	$-9^8-((7+6)^5+4)^*(4-3+2)^*1$	-42109234	P	$-(9^8+7)+6^*(5^4(4+3)^*2-1)$
-41935754	G	$-9^8+(-7+6^5)^*((4^*3)^2-1)$	-42109640	G	$-9^8+(7+6^5)^4(4+3)/2-1$
-41942876	G	$(9-(8^7-6)^*5)^*4+3^2-1$	-42109643	P	$-9^8-(-(7+6^5)^4+3)/2-1$
-41943332	P	$-(9^8+7^6-6)^*5^*4+3^2-1$	-42113566	G	$-9^8+(7^*6^*(5^*4+3))^2-1$
-41943713	P	$-(9^8-7^*6^5)+4^3(3^2+1)$	-42115495	G	$-9^8+(7-6^*54^*3)^2+1$
-41944418	P	$-9^8-7^*(-(6+54^3+2)-1)$	-42135478	P	$-(9^8+7)+6^*(5^4/(-3^3-2+1))$
-41944446	P	$-9^8-7^*(-(6-(-54^3+2)))-1$	-42139520	P	$-9^8-7^*(-(6^*5^*4^*3)^2+1)$
-41944459	G	$-9^8+7^*((6^*(5+4))^3+2)^*1$	-42139528	P	$-9^8-7^*(-(6^*5^*4^*3)^2+1)$
-41944460	G	$-9^8+7^*((6^*(5+4))^3+2)-1$	-42169516	G	$-9^8+7^*((6^*(5-4^3))^2-1)$
-41944480	G	$-9^8+7^*(-6/(54^*3)^2+1)$	-42182713	G	$-9^8+7+(6^*5^*4)^3/2+1$
-41944488	P	$-9^8+7^*(-(6^*(5+4))^3+2)-1$	-42182727	G	$-9^8-7+(6^*5^*4)^3/2+1$
-41944502	G	$-9^8-7^*(6-(54^3+2))-1$	-42186561	G	$-9^8-7^*(6^*5^*-4^3(3^*2)^*1)$
-41944530	G	$-9^8-7^*(6-54^3+2)-1$	-42186568	G	$-9^8-7^*(6^*5^*-4^3(3^*2)+1)$
-41948220	G	$-9^8+(76+54)^3/2+1$	-42205426	G	$-9^8-7^*-65^*(43^2^*1)$
-41948221	G	$-9^8+(76+54)^3/2^*1$	-42205433	G	$-9^8-7^*(-65/43^2+1)$
-41952886	G	$-9^8-7^*(-6-5^4(4+3))^2+1$	-42206721	G	$-9^8+7^*6/(5^4-4/(32^*1))$
-41952894	G	$-9^8-7^*((-6-5^4(4+3))^2+1)$	-42206912	G	$-9^8+(7+65)^4/32+1$
-41952930	P	$-9^8-7^*(-(6+5^4(4+3)^*2)-1)$	-42206913	G	$-9^8+(7+65)^4/32^*1$
-41952936	P	$-9^8-7^*(-(6+5^4(4+3)^*2)+1)$	-42214978	G	$-9^8+(76^*(5+4+3))^2-1$
-41953013	G	$-9^8-7^*(6-5^4(4+3)^*2^*1)$	-42223147	P	$-(9^8-7^4(6+5-4))^3+2-1$
-41953014	G	$-9^8-7^*(6-5^4(4+3)^*2)-1$	-42223187	P	$-(9^8-7^4(6+5-4)+3^2)^*1$
-41953020	G	$-9^8-7^*(6-5^4(4+3)^*2+1)$	-42227966	G	$-9^8+7^*((6^*(-54-3))^2+1)$
-41953054	P	$-9^8-7^*(-(6+5^4(4+3))^2+1)$	-42227973	G	$-9^8+7^*(6^*(54+3))^2^*1$
-41953062	P	$-9^8-7^*(-(6+5^4(4+3))^2+1)$	-42231313	G	$-9^8+(7^*(65+4^3))^2-1$
-41958088	P	$-9^8-7^*(6^5*4^*-3+2)+1$	-42236715	P	$-9^8+7-((6^*5)^4+3)+2^*1$
-41982254	G	$-9^8+(-7^6-5^4)/-3^2-1$	-42236726	P	$-(9^8+7)+(6^*5)^4+3-2+1$
-41982256	G	$-9^8+(-7^6-5^4)/-3^2-1$	-42236729	P	$-(9^8+7-(6^*5)^4+3)+2^*1$
-41983840	P	$-(9^8-(7^*(6+5)+4)^3*2)-1$	-42236737	P	$-(9^8+7-(6^*5)^4+3^2)^*1$
-41987871	G	$-9^8-(7^6-(-5+4))/(-3^4-2^*1)$	-42262392	P	$-(9^8+7+(6^5+43)^2)+1$
-41987880	G	$-9^8-7^6/(-5+4)^3*2^*1$	-42262596	G	$-9^8-765^*(-4^4(3+2)-1)$
-41987881	G	$-9^8-7^6/(-5+4)^3*2-1$	-42263360	P	$-(9^8-765^*4^4(3+2))+1$
-41987889	G	$-9^8+(7^6-5+4)/(3^4-2^*1)$	-42268033	P	$(9^8+((7-6^5)^*4)^3)^*(-(2-1))$
-41987961	G	$-9^8+(7^6-5-4)/(3^4-2^*1)$	-42268036	P	$-(9^8+((7-6^5)^*4)^3+2)-1$
-41993504	G	$-9^8+(7^6-5^4)/3^4-2+1$	-42272564	P	$-9^8-7^*(-(6-54)^3+2)-1$
-41993506	G	$-9^8+(7^6-5^4)/3^4-2-1$	-42272592	G	$-9^8-7^*((6-54)^3+2)-1$
-41997380	G	$-9^8+765+4^3(3^2+1)$	-42279071	P	$-(9^8)+(7+6)^*(5+4)^3(3+2)+1$

-42281097	G	$-9^8 + (7 * (-6 + 5 - 4)^3)^2 - 1$	-42432328	P	$-(9^8 + 7) + 6 * (5/4^3 - 3)^{(2*1)}$
-42283208	G	$9^8 - 8 / (765 + 4/3)^{-2*1}$	-42432334	P	$-(9^8 + 7) - 6 * (-5^4 * 3)^{(2+1)}$
-42284666	G	$-9^8 - 7 * (-6^5 * (4^3 + 2) - 1)$	-42438320	G	$-9^8 + ((-7 - 6) * 5^4 * 3)^{(2+1)}$
-42284672	G	$-9^8 - 7 * -6^5 * (4^3 + 2) + 1$	-42438568	G	$-9^8 - 76 * ((-5^4)^3 - 2) + 1$
-42290720	P	$-(9^8 - 7 * (6 + 54)^3 / 2) + 1$	-42438718	P	$-(9^8 - 76 * (5^4)^3 - 2) + 1$
-42290721	P	$-(9^8 - 7 * (6 + 54)^3 / 2) * 1$	-42438724	P	$-(9^8 - 76 * (5^4)^3 + 2) - 1$
-42290728	P	$-9^8 - 7 * (- (6 + 54)^3 / 2 + 1)$	-42438872	P	$-9^8 - 76 * - ((5^4)^3 - 2) + 1$
-42298211	G	$-9^8 + 7 * ((6 * 54 + 3)^2 + 1)$	-42445783	P	$-9^8 + (-7 - 6) * (- (5^4 * 3)^2 - 1)$
-42298218	G	$-9^8 + 7 * (6 * 54 + 3)^2 * 1$	-42447646	G	$-9^8 + ((-7 - 6 - 5) * 4^3)^2 - 1$
-42298219	G	$-9^8 + 7 * (6 * 54 + 3)^2 - 1$	-42449191	G	$-9^8 + (7 - 65 * 4^3)^2 + 1$
-42302789	G	$-9^8 + 7 * (-6 - 5^4 * 3)^2 * 1$	-42450418	P	$-9^8 + 7 * ((- (6 - 5) * 4)^3 + 2) + 1$
-42302790	G	$-9^8 + 7 * (-6 - 5^4 * 3)^2 - 1$	-42450419	P	$-9^8 + 7 * ((- (6 - 5) * 4)^3 + 2 * 1)$
-42304006	G	$-9^8 + ((7 + 6)^5 + 4^3)^2 + 1$	-42450433	G	$-9^8 - 7 * ((-6 - 5) * 4)^3 * (2 - 1)$
-42304136	P	$-(9^8 - ((7 + 6)^5 - (4 - 3))^2) + 1$	-42450446	P	$-9^8 + 7 * - ((- (6 - 5) * 4)^3 + 2) + 1$
-42304149	P	$-(9^8 - ((7 + 6)^5 - (4 + 3))^2) * 1$	-42450736	G	$-9^8 + (765 + 4 + 3)^2 + 1$
-42304220	P	$-9^8 + (- (7 + 6)^5 + 43)^2 + 1$	-42450768	G	$-9^8 - 7 - (6 + 5 - 4)^3 (2 * 1)$
-42304262	G	$-9^8 + ((7 + 6)^5 - 4^3)^2 + 1$	-42456076	G	$-9^8 + 7^6 * (5 + (4 + 3)^{-2}) - 1$
-42305399	G	$-9^8 + (7 * (6 * 5^4 + 3))^2 + 1$	-42458427	G	$-9^8 + 7^6 * 5 + (4 + 3)^{(2*1)}$
-42317728	P	$-(9^8 + 7) + (6 * 5)^4 / (3^5 - 2 + 1)$	-42458431	G	$-9^8 + ((-7 - 6) * (5 - 4^3))^2 + 1$
-42325427	G	$-9^8 + 7 * ((6 * -5 + 4 + 3)^2 + 1)$	-42458433	G	$-9^8 + ((-7 - 6) * (5 - 4^3))^2 - 1$
-42325435	G	$-9^8 + 7 * (-6 * 5 + 4 + 3)^2 - 1$	-42458483	G	$-9^8 + 7^6 * 5 - (4 + 3)^{(2-1)}$
-42329872	G	$-9^8 - 7 * (-6 - (5^4 * 3)^2 - 1)$	-42458525	G	$-9^8 + 7^6 * 5 - (4 + 3)^{(2*1)}$
-42329878	P	$-9^8 - 7 * - (6 + (5/4^3)^2) + 1$	-42459964	G	$-9^8 + (765 + 4 - 3)^2 + 1$
-42329956	P	$-9^8 - 7 * (- (6 + (5^4 * 3)^2) - 1)$	-42460878	G	$-9^8 + 7^6 * (5 - (4 + 3)^{-2}) - 1$
-42329964	P	$-9^8 - 7 * - (-6 + (5^4 * 3)^2) - 1$	-42461495	G	$-9^8 + 765^{\wedge}(-4 + 3^2) + 1$
-42336999	G	$-9^8 * (8 * 7^6 * 5 - 43^{\wedge}(2 * 1))$	-42466106	G	$-9^8 + 7 * ((6 * (-5 - 43))^2 + 1)$
-42339098	G	$-9^8 - 7 * (-6^5 * (4 + 3^2) - 1)$	-42466113	G	$-9^8 + 7 * (6 * (5 + 43))^2 * 1$
-42339104	G	$-9^8 - 7 * -6^5 * (4 + 3^2) + 1$	-42486836	P	$-9^8 - (-7 - 6^{\wedge} - (5 - 4^3))^2 - 1$
-42339105	G	$-9^8 - 7 * -6^5 * (4 + 3^2) * 1$	-42486842	P	$-(9^8 - 7) + 6^{\wedge} - (5 - 4^3)^2 * 1$
-42340827	G	$-9^8 + 7^6 * (5 + (4 - 3)^2) * 1$	-42486843	P	$-(9^8 - 7) + 6^{\wedge} - (5 - 4^3)^2 - 1$
-42340828	G	$-9^8 + 7^6 * (5 + (4 - 3)^2) - 1$	-42486857	P	$-9^8 - 7 + 6^{\wedge} - (5 - 4^3)^2 - 1$
-42344101	G	$-9^8 - 76 * -5 * (43^2 * 1)$	-42486864	P	$-9^8 + (-7 + 6^{\wedge} - (5 - 4^3))^2 - 1$
-42344177	G	$-9^8 - 76 * (-5/43^{\wedge} - 2 + 1)$	-42495556	P	$-9^8 - 7 * - (6 + 54^3 / 2) - 1$
-42347376	G	$-9^8 * (7^6 * 5 - 43^2 - 1)$	-42495583	G	$-9^8 - 7 * ((-6 - 54^3) / 2 + 1)$
-42353523	G	$(9 - 8 * 7^6 * 5 + 4) * 3^{\wedge}(2 * 1)$	-42495596	G	$-9^8 - 7 * (-6 * (5 + 4))^3 / 2 + 1$
-42353577	G	$-9^8 * (8 * 7^6 * 5 - 4 - 3^{\wedge}(2 - 1))$	-42495604	G	$-9^8 - 7 * ((-6 * (5 + 4))^3 / 2 + 1)$
-42353757	P	$-(9 + 8 * 7^6 * 5 + 4) * 3^{\wedge}(2 * 1)$	-42495625	P	$-9^8 - 7 * (- (6 + 54^3) / 2 + 1)$
-42356548	G	$-9^8 + 7 / (6 - 5^4 * 3)^{-2} + 1$	-42495639	G	$-9^8 - 7 * (6 - 54^3 / 2 * 1)$
-42356549	G	$-9^8 + 7 / (6 - 5^4 * 3)^{-2} * 1$	-42495640	G	$-9^8 - 7 * (6 - 54^3 / 2) - 1$
-42359479	G	$-9^8 + (765 + 4^3)^2 + 1$	-42496156	G	$-9^8 + (7 + 6 + (5 + 4)^3)^2 + 1$
-42359481	G	$-9^8 + (765 + 4^3)^2 - 1$	-42496458	G	$-9^8 - 7 * ((-6 * 5 - 4)^3 * 2 - 1)$
-42359904	G	$-9^8 * (7^6 * 5 + 43^2 + 1)$	-42497360	P	$-(9 + 8 + 7 - 6543)^2 + 1$
-42362784	G	$-9^8 * (7^6 * 5 + 4^3 - 1)$	-42497362	P	$-(9 + 8 + 7 - 6543)^2 - 1$
-42362928	G	$-9^8 * (7^6 * 5 + 4^3 - 1) + 1$	-42499791	P	$-9^8 - 7 * - (6 + 5^{\wedge}(4 + 3) + 2) - 1$
-42370281	G	$-9^8 * (8 * 7^6 * 5 + 43^{\wedge}(2 * 1))$	-42499803	P	$-9^8 - 7 * - (6 + 5^{\wedge}(4 + 3) + 2) - 1$
-42374714	G	$-9^8 - 7 * (6 * (5^4 - 4)^3 * 2 - 1)$	-42499807	G	$-9^8 - (-7 * (6 + 5^{\wedge}(4 + 3) + 2) - 1)$
-42374721	G	$-9^8 - 7 * 6 * (5^4 - 4)^3 * 2 * 1$	-42499819	P	$-9^8 - 7 * (- (6 + 5^{\wedge}(4 + 3) + 2) - 1)$
-42375959	G	$-9^8 + (7 * (6 * (-5^4 + 3)))^2 + 1$	-42499874	P	$-9^8 - 7 * - ((-6 - 5^{\wedge}(4 + 3) + 2) * 1)$
-42377382	G	$-9^8 + (-7 - 6^5) * -43^2 + 1$	-42499875	P	$-9^8 - 7 * - ((-6 - 5^{\wedge}(4 + 3) + 2) - 1)$
-42377970	G	$-9^8 - (-7 - 6^5 * 43)^2 + 1$	-42499887	G	$-9^8 - 7 * (6 - 5^{\wedge}(4 + 3) + 2) - 1$
-42377978	P	$-(9^8 - 7) + 6^5 * 43 * (2 * 1)$	-42499891	G	$-9^8 - 7 * (6 - 5^{\wedge}(4 + 3) + 2) - 1$
-42377998	G	$-9^8 + (-7 + 6^5 * 43)^2 + 1$	-42499902	P	$-9^8 - 7 * (6 - (-5^{\wedge}(4 + 3) + 2) * 1))$
-42378586	G	$-9^8 + (-7 + 6^5) * 43^2 + 1$	-42499903	G	$-9^8 - 7 * (6 - 5^{\wedge}(4 + 3) + 2) - 1$
-42389695	G	$-9^8 + 7 + (65 + 4)^3 * 2 + 1$	-42502394	G	$-9^8 - 7 * (6^5 * (-4^3 + 2) - 1)$
-42389709	P	$-(9^8 + 7) + (65 + 4)^3 * 2 + 1$	-42502401	G	$-9^8 - 7 * -6^5 * (4 + 3^2 * 1)$
-42389710	P	$-(9^8 + 7) + (65 + 4)^3 * 2 * 1$	-42502441	G	$-9^8 + (-7 * 6^5 + 4) * (-3^2 - 1)$
-42389717	P	$-(9^8 + (7 - (65 + 4)^3)^2) * 1$	-42502681	G	$-9^8 - 7 * (-6^5 + 4) * (3^2 + 1)$
-42390471	G	$-9^8 - 7 * -6 * (5^{\wedge}(4^3 / 2) * 1)$	-42505024	P	$-(9^8) + (7 + (6/54)^{-3})^2 + 1$
-42390478	G	$-9^8 - 7 * (-6 * 5^{\wedge}(4^3 / 2) + 1)$	-42506488	G	$-9^8 + 7 + (6 + (5 + 4)^3)^2 + 1$
-42391262	G	$-9^8 + 7 * ((6 * (-54 + 3))^2 + 1)$	-42506502	P	$-(9^8 + 7) + (6 + (5 + 4)^3)^2 + 1$
-42391269	P	$-9^8 + 7 * (-6 * (54 - 3))^{\wedge} - (-2 * 1)$	-42508550	P	$-(9 + (8 + 7 * (6 + 5))^4)^3 + 2 + 1$
-42392448	G	$-9^8 * (7^6 + 54^3 * 2 - 1)$	-42508897	G	$-9^8 + (7 + 6 + 5 - 4)^{(3*2-1)}$
-42393551	G	$-9^8 - 7 * (-6^5 * 4^3 + 2) * 1$	-42515278	P	$-(9^8 - (7 * (6 + 5) + 4)^3) + 2 * 1$
-42398695	G	$-9^8 + (76 + (5 + 4)^3)^2 + 1$	-42521840	G	$-9^8 + (7 + 6 + 5)^4 * (3 + 2) + 1$
-42398697	G	$-9^8 + (76 + (5 + 4)^3)^2 - 1$	-42533044	P	$-9^8 + (-7 - 6^5) * - (4^3 + 2) - 1$
-42416714	G	$-9^8 - 7 * ((6 * 5)^4 * -3^{\wedge} - 2 - 1)$	-42533513	P	$-(9^8 + 7) + 6^5 * (4^3 + 2) - 1$
-42416865	G	$-9^8 + (7 + 6 + 5)^4 * (3 + 2 + 1)$	-42533967	G	$-9^8 + (-7 + 6^5)^4 * (4^3 + 2 * 1)$
-42431792	G	$-9^8 - 7 * ((6 + 5)^4 * -3^2 - 1)$	-42533968	G	$-9^8 + (-7 + 6^5) * (4^3 + 2) - 1$
-42432313	P	$-9^8 + 7 - 6 * - (5^4 * 3)^2 + 1$	-42534279	G	$-9^8 - 7 * ((6 + 5)^4 * (-3 - 2) - 1)$
-42432327	G	$-9^8 - (7 - 6 * (5^4 * 3)^2) + 1$	-42534689	P	$-(9^8 - 7^6) + (5^4 + 3)^2 - 1$

-42541201	P	$-(9^8)+(7+(6+5)*4^3)^2-1$	-42633378	P	$-9^8-7*(6/-54)^{-(3+2)*1}$
-42542187	P	$-(9^8-7^6)+(5^4-3)^2+1$	-42633420	P	$-9^8+7*(-6+(-5-4)^{(3+2)})^*1$
-42546627	G	$-9^8+(7/6*54)^3*2^*1$	-42633421	P	$-9^8+7*(-6+(-5-4)^{(3+2)})-1$
-42548609	G	$-9^8+(-7-6^5)*-4^3*(2-1)$	-42633427	P	$-9^8+7*(-6+(-5-4)^{(3+2)})-1)$
-42551104	G	$-9^8+(76+5^4+3)^2+1$	-42633890	G	$-9^8+76*5432-1$
-42555319	G	$-9^8+(765-4^3)^2+1$	-42634947	P	$-9^8+(7^-(-(6+5)+4)+3)/2+1$
-42555321	G	$-9^8+(765-4^3)^2-1$	-42634950	P	$-9^8-(-7^-(-(6+5)+4)+3)/2+1$
-42556581	G	$-9^8-7*(6^5+4)/-3^2-2^*1$	-42635839	G	$-9^8+(7+6+5^4+3)^2+1$
-42556582	G	$-9^8-7*(6^5+4)/-3^2-2-1$	-42635841	G	$-9^8+(7+6+5^4+3)^2-1$
-42556833	G	$-9^8-7*6^5*(4+3+2)^*1$	-42642401	G	$-9^8-7*(6^5-4^3(3^2-1))$
-42556834	G	$-9^8-7*6^5*(4+3+2)-1$	-42643496	G	$-9^8+(7+6+5^4-3)^2*1$
-42557086	G	$-9^8-7*(-6^5+4)/3^2-2-1$	-42643497	G	$-9^8+(7+6+5^4+3)^2-1$
-42560913	P	$-(9^8)+(7-(6+5)*4^3)^2-1$	-42644759	G	$-9^8+7+(6+5^4+3)^2-1$
-42562531	G	$-9^8+7*((65^4+3)^2+1)$	-42644773	P	$-(9^8+7)+(6+5^4+3)^2-1$
-42562538	G	$-9^8+7*(65^4+3)^2*1$	-42652296	P	$-(9^8-7*6)+(5^4+3)^2-1$
-42562539	G	$-9^8+7*(65^4+3)^2-1$	-42652380	G	$-9^8-7*6+(5^4+3)^2-1$
-42564176	G	$-9^8+(-7-6^5)*(-4^3+2)-1$	-42656020	G	$-9^8+76+5^4(4+3+2-1)$
-42564602	P	$-9^8+7-6^5*(-4^3-2^2+1)$	-42656095	G	$-9^8+7-6+5^4(4+3+2-1)$
-42564616	P	$-(9^8+7)+6^5*(4^3-2)^*1$	-42656172	P	$-(9^8+76)+5^4(4+3+2-1)$
-42564617	P	$-(9^8+7)+6^5*(4^3-2)-1$	-42657345	P	$-(9^8-((-7-6)^*(5+43))^2)^*1$
-42565043	P	$-9^8+(-7+6^5)*(-4^3+2)^*1$	-42657378	G	$-9^8+((-7+6^5)^4)^3/2-1$
-42565044	P	$-9^8+(-7+6^5)*(-4^3+2)-1$	-42657525	G	$-9^8-76*(-5/4^4(-3-2)-1)$
-42573724	G	$-9^8+7^6*(5+(4+3)^2-2-1)$	-42657571	P	$-9^8-(7+6^5)*(-(4+3)^2-1)$
-42574322	P	$-9^8+7-6*(-5^4/3/2^*1)$	-42657601	G	$-9^8-76*5*(-4^3(3+2)^*1)$
-42574753	G	$-9^8+(-76*(5+4)-3)^2-1$	-42657704	P	$(9^8-(7*(6+5)-4)^3)*-(2-1)$
-42577964	G	$-9^8+7-6*5^4(4+3)^*(2-1)$	-42658430	G	$-9^8-(7*6*5*4^3)^2-1$
-42577975	G	$9-8*((765+4)^3)^2-1$	-42658431	G	$-9^8-7*(6*5^4-43)^2*1$
-42577976	P	$-9^8+7-6*(5^4(4+3)-(2^*1))$	-42658438	G	$-9^8-7*(6*5^4-43^2+1)$
-42577985	P	$-(9^8-(7+(6+5)^4)^3)^2*1$	-42659649	P	$-(9^8+7*(6-54)^3/2)^*1$
-42578201	G	$-9^8+7+(6+5)^4*3^2+1$	-42659656	G	$-9^8-7*((6-54)^3/2+1)$
-42578215	P	$-(9^8+7)+(6+5)^4*3^2+1$	-42659796	P	$-(9^8-7*6)+(5^4-3)^2-1$
-42578216	P	$-(9^8+7)+(6+5)^4*3^2*1$	-42659838	P	$-(9^8+7)+6+(5^4-3)^2*1$
-42578526	G	$-9^8+7^6*(5-(4+3)^2-2-1)$	-42659850	P	$-(9^8+7+6-(5^4-3)^2)^*1$
-42580794	G	$-9^8-7*(-65/4^4(-3-2)-1)$	-42659880	G	$-9^8-7*6+(5^4-3)^2-1$
-42580801	G	$-9^8-7*65*(4^4(3+2)^*1)$	-42665355	G	$-9^8+(7+6^5)*(4+3)^2-1$
-42582961	G	$-9^8+(-76*(5+4)+3)^2-1$	-42665682	P	$-9^8-7*(-6^5*(-4-3)+2)+1$
-42584371	G	$-9^8+7*((65^4+3)^2+1)$	-42665691	G	$-9^8+7+6^5*(4+3)^2-1$
-42584379	G	$-9^8+7*(-65^4+3)^2-1$	-42665698	G	$-9^8-7*6^5*(4+3)-2+1$
-42588698	G	$-9^8+7*65432-1$	-42665700	G	$-9^8-7*6^5*(4+3)-2-1$
-42592751	G	$-9^8+7+(65-4)^3*2+1$	-42665710	G	$-9^8-7*(6^5*(-4-3)+2)+1$
-42592765	P	$-(9^8+7)+(65-4)^3*2+1$	-42666041	P	$-9^8+(7-6^5)*-(4+3)^2-1$
-42592766	P	$-(9^8+7)+(65-4)^3*2^*1$	-42673472	P	$-(9^8-((7+(6+5))^4)^3-2)-1$
-42604353	G	$-9^8+(76+5^4)^3/(2^*1)$	-42673474	P	$-(9^8-((7+6+5)^4)^3)-2+1$
-42605824	G	$-9^8+(7+654+3)^2+1$	-42673480	G	$-9^8-7+6^5*(4+3)^2-1$
-42609892	G	$-9^8+(7+6)^5+4^4(3^2-1)$	-42673809	G	$-9^8-(7-6^5)*((4+3)^2-1)$
-42611041	G	$-9^8-7*(6^5+4)*(-3^2+1)$	-42675300	P	$-9^8+(7+6)^5-4^3*(2^*1)$
-42611216	P	$-9^8-7*(-6^5*4+3)^2-1$	-42675382	G	$-9^8+(7+6)^5+4+3+2+1$
-42611224	P	$-9^8-7*(6^5*4+3)^2-1$	-42675384	G	$-9^8+(7+6)^5+4+3-2-1$
-42611233	G	$-9^8+(7*6^5+4)^*(3^2-1)$	-42675385	G	$-9^8+(7+6)^5+4+3^2(2-1)$
-42611272	G	$-9^8-7*(6^5/-4^3+2+1)$	-42675386	G	$-9^8+(7+6)^5+4+3-2+1$
-42611300	G	$-9^8-7*((6^5*-4+3)^2-1)$	-42675388	G	$-9^8+(7+6)^5+4+3-2-1$
-42611308	G	$-9^8-7*(6^5*-4+3)^2-1$	-42675391	G	$-9^8+(7+6)^5+4+3+2+1$
-42613756	G	$-9^8+(7+654-3)^2+1$	-42675393	G	$-9^8+(7+6)^5+4+3+2-1$
-42614143	G	$-9^8+7^6+54^3*2+1$	-42675403	P	$-(9^8-(7+6)^5-4^3*2)+1$
-42614144	P	$-9^8+7^6-54^3*(2^*1)$	-42675405	P	$-(9^8-(7+6)^5-4^3*2)-1$
-42614713	G	$-9^8+7+(6+54)^3*2+1$	-42675417	P	$-(9^8-(7+6)^5-4^3+2)+1$
-42614727	P	$-(9^8+7)+(6+54)^3*2+1$	-42675419	P	$-(9^8-(7+6)^5-4^3+2)-1$
-42614728	P	$-(9^8+7)+(6+54)^3*2^*1$	-42675421	P	$-(9^8-(7+6)^5-4^3/2)+1$
-42614735	P	$-(9^8+7-(6+54)^3)^2*1$	-42675448	P	$-(9^8-(7+6)^5)-4*(3+2)^*1$
-42615078	G	$-9^8-7+(654+3)^2+1$	-42675452	G	$-9^8+(7+6)^5-4*(3+2+1)$
-42615080	G	$-9^8-7+(654+3)^2-1$	-42675455	G	$-9^8+(7+6)^5+4-3+2+1$
-42619145	G	$-9^8-76*(5^4/-3^2-2-1)$	-42675457	G	$-9^8+(7+6)^5+4-3-2-1$
-42620313	G	$-9^8+(76-(5+4)^3)^2-1$	-42675513	G	$-9^8+(7+6)^5-4+3+2+1$
-42622926	P	$-(9^8+7)+(654-3)^2+1$	-42675515	G	$-9^8+(7+6)^5-4+3-2-1$
-42622928	P	$-(9^8+7)+(654-3)^2-1$	-42675555	G	$-9^8+(7+6)^5-4*3+2+1$
-42626811	G	$-9^8-(-7-(6^5-5*4^3)^2)^-1$	-42675557	G	$-9^8+(7+6)^5-4*3^2-1$
-42626825	G	$-9^8-7+(6^5-5*4^3)^2-1$	-42675572	P	$-(9^8-(7+6)^5)-(-4^3)^2-(-2^*1)$
-42633337	G	$-9^8+7*(6+(5+4)^{(3+2)})-1$	-42677277	G	$-9^8+(7+6)^5-4^3(2^*1)$
-42633343	G	$-9^8+7*(6+(5+4)^{(3+2)})-1$	-42679524	G	$-9^8+(7+6)^5-4^3(2^*1)$
-42633371	P	$-9^8-7*((-6/54)^-(3+2))-1$	-42682826	G	$-9^8+7*((6*(-5+43))^2+1)$

-42682833	P	$-9^8+7*(-6*(5-43))^(-2*1)$	-42731820	P	$-(9^8+(7+(6-54^3))*2)-1$
-42684809	G	$-9^8+76*((5+4^3)^2+1)$	-42731944	G	$-9^8+(-76+54^3)*2+1$
-42684886	G	$-9^8+76*(5+4^3)^2-1$	-42735044	P	$-9^8-76*(-(5+4^3(3^2))+1)$
-42688703	P	$-9^8+(-7-6^5)*(-(43+2)-1)$	-42735045	P	$-9^8-76*(-(5+4^3(3^2)))*1$
-42692421	G	$-9^8+7+6*(5+4)^(3+2)-1$	-42735401	G	$-9^8+(-7-6^5)*(-43+2+1)$
-42692428	P	$-(9^8+7)+6*((5+4)^(3+2)+1)$	-42735611	G	$-9^8+(-7-6^5*4)*(-3^2-1)$
-42692435	P	$-(9^8+7)+6*(5+4)^(3+2)-1$	-42735804	G	$-9^8-76*(5-4^(3^2))+1$
-42693772	P	$-(9^8-7^6/((5-4)/3))+2*1$	-42735805	P	$-(9^8)-76*(5-(4^(3+2+1)))$
-42693775	G	$-9^8+7^6*((5-4)^3+2)-1$	-42737584	G	$-9^8+(7+6+543)^2+1$
-42695488	G	$-9^8+(76-5^4)^3*2+1$	-42738028	G	$-9^8+7*((6*5*(-4-3))^2-1)$
-42696486	P	$-(9^8+(-7-6^5)*(43+2))*1$	-42739258	P	$-(9^8-7*(6+5)^4*3)+2*1$
-42696487	P	$-9^8+(-7-6^5)*(43+2))-1$	-42739274	P	$-9^8-7*((6+5)^4*3+2)*1$
-42696793	P	$-(9^8-7-6^5*(43+2))+1$	-42740947	G	$-9^8+7*((6+5*-43)^2+1)$
-42696794	P	$-9^8+7-6^5*(-(43+2)*1)$	-42742797	G	$-9^8-76*((5*-4)^3/2+1)$
-42696809	P	$-(9^8+7-6^5*(43+2))-1$	-42745326	G	$-9^8-7+(6+543)^2+1$
-42697116	G	$-9^8+(-7+6^5)*(43+2)*1$	-42745328	G	$-9^8-7+(6+543)^2-1$
-42704827	G	$-9^8+7*((6-5*-43)^2+1)$	-42746771	G	$-9^8+7*(((-65-4)^3)^2+1)$
-42704885	G	$-9^8+(-7+6^5)*(43+2)-1$	-42747338	P	$-9^8-7*(6^5*(-(4+3/2)-1)$
-42705536	P	$-9^8+(-7-6)*(-(54^3)^2-1)$	-42747345	P	$-9^8-7*6^5*(-(4+3/2)*1$
-42710630	G	$-9^8-7*(6*((-5*4)^3-2)-1)$	-42748570	G	$-9^8-7*((-6+5)^4)^3/2-1)$
-42710636	G	$-9^8-7*6*((5*4)^3+2)+1$	-42748578	G	$-9^8-7*((-6-5)^4)^3/2-1$
-42710708	G	$-9^8-7*(6*(5*-4)^3-2)-1$	-42751797	G	$-9^8+76+543^2-1$
-42710718	G	$-9^8-7*6*(-5^4)^3+2+1$	-42751858	G	$-9^8+7+6+543^2+1$
-42710720	G	$-9^8-7*6*(-5^4)^3+2-1$	-42751881	G	$-9^8+(-7-65)*(-4^(3^2)+1)$
-42710735	P	$-9^8-7*(-(6*(5^4)^3-2))*1$	-42751884	P	$-(9^8+7+6)+543^2+1$
-42710736	P	$-9^8-7*(-(6*(5^4)^3-2))-1$	-42751885	P	$-(9^8+7+6)+543^2*1$
-42710798	G	$-9^8-7*(-(6*((5^4)^3-2)-1)$	-42751949	P	$-(9^8+76)+543^2-1$
-42710804	G	$-9^8-7*6*((-5*4)^3+2)+1$	-42755905	P	$-(9^8+(-76+5)^4*(3^2))*1$
-42712049	G	$-9^8-(-7-6^5)*43+2+1$	-42755976	G	$-9^8+(-76+5)*(-4^(3^2)+1)$
-42712050	G	$-9^8-(-7-6^5)*43+2*1$	-42756199	G	$-9^8+(7*(65+4^3))^2+1$
-42712052	G	$-9^8+(-7-6^5)*-43^(2-1)$	-42758358	P	$-(9^8+7)+(6-543)^2+1$
-42712345	P	$-(9^8-7-6^5*43-2)-1$	-42758360	P	$-(9^8+7)+(6-543)^2-1$
-42712349	P	$-(9^8-7-6^5*43)-2-1$	-42758750	P	$-9^8+(-7-6^5)*(-(4+32)-1)$
-42712357	P	$-(9^8+7-6^5*43)+2+1$	-42759232	P	$(-9-(8-7^6))*(-(5+4)^3/2-1)$
-42712359	P	$-(9^8+7-6^5*43)+2-1$	-42761721	G	$-9^8+76*5^4*3^2*1$
-42712361	P	$-9^8+7-6^5*43)-2+1$	-42761722	G	$-9^8+76*5^4*3^2-1$
-42712363	P	$-(9^8+7-6^5*43)-2-1$	-42763696	G	$-9^8+(76*(5-4^3))^2+1$
-42713971	G	$-9^8+(7-(6-54))^3*(2*1)$	-42765820	G	$-9^8+(7+6-543)^2+1$
-42714060	P	$-9^8-7*(-(654/3)^2+1)$	-42766533	P	$-(9^8+(-7-6^5)*(4+32))*1$
-42714945	P	$-(9^8+(-76-5)^4*(3^2))*1$	-42766534	P	$-(9^8+(-7-6^5)*(4+32))-1$
-42715026	G	$-9^8+(-76-5)*(-4^(3^2)+1)$	-42766721	G	$-9^8+(-7-6^5*4)*-3^2+1$
-42716242	G	$-9^8+765*432-1$	-42766791	P	$-(9^8+7-6^5-(5-4^3))+2-1$
-42718211	P	$-(9^8-((-7-6)^*-5+4)^3-2)-1$	-42766885	G	$-9^8+(7-6^5)^4-3-2*1$
-42719954	G	$-9^8-7*((-6^5-4)^3*2-1)$	-42766888	P	$-(9^8-(7-6^5)^4+3^2)+1$
-42720127	P	$-(9^8-7*6^(5+4-3))+2*1$	-42766890	P	$-(9^8-(7-6^5)^4+3^2)-1$
-42720128	P	$-(9^8-7*6^(5+4-3))+2-1$	-42767037	G	$-9^8+(-7+6^5)*4^3*2*1$
-42720130	P	$-(9^8-7*6^(5+4-3))+2+1$	-42769364	P	$-9^8+7-6/-((5^4)^2-1)$
-42720144	P	$-9^8-7*(6*(5-(4+3))-2)-1$	-42769372	P	$-(9^8+7)-6*(-(5^4)^2-1)$
-42720290	G	$-9^8-7*((6^5-4)^*-3^2-1)$	-42769987	P	$-(9^8+7^6)+(5^4+3)^2-1$
-42720423	P	$-9^8+(-7+6^5)*(-(43+2)+1)$	-42771097	G	$-9^8+(7*(-(6-(5+4^3))))^2-1$
-42723188	G	$-9^8-7*(6-(5^4)^2)*1$	-42771580	G	$-9^8+7*((6*5+4)^3+2)-1$
-42727618	P	$-(9^8+(-7-6^5)*(43-2))*1$	-42771592	G	$-9^8+7*(6*5+4)^3+2-1$
-42727619	P	$-(9^8+(-7-6^5)*(43-2))-1$	-42771599	P	$-((-987+6)*5^4/3)^2+1$
-42727898	P	$-(9^8-7-6^5*(43-2))*1$	-42771601	P	$-((-987+6)*5^4/3)^2-1$
-42728192	P	$-9^8+(-7+6^5)*(-(43+2)*1)$	-42771606	G	$-9^8+7^6+54^3*2*1$
-42728626	G	$-9^8+((7*6+5)^4*3)^2-1$	-42772096	P	$-(9^8-((7+6)*5)^4*(4-(3-2))) *1$
-42731252	G	$-9^8-7*(-6-5)*(4^(3^2)+1)$	-42773197	P	$-9^8-76*(-(5^4*3)^2+1)$
-42731322	G	$-9^8-7*((-6-5)^4*(3^2)-1)$	-42774414	P	$-9^8-7*((6^5+4)*-(3+2)-1)$
-42731640	G	$-9^8-(-76-54^3)*2+1$	-42774422	P	$-9^8-7*(6^5+4)*-(3+2)-1$
-42731717	P	$-9^8+76-54^3*(2*1)$	-42774561	G	$-9^8-7*6^5*(4+3-2)*1$
-42731718	G	$-9^8+76+54^3*2-1$	-42774562	G	$-9^8-7*6^5*(4+3-2)-1$
-42731767	P	$-(9^8-(7+(6+54^3))*2)*1$	-42774582	P	$-9^8+(-7*6^5+4)*-(3+2)-1$
-42731779	G	$-9^8+7+6+54^3*2+1$	-42774694	G	$-9^8-7*((-6^5+4)*^3+2)-1)$
-42731780	G	$-9^8+7+6+54^3*2*1$	-42774702	G	$-9^8-7*((-6^5+4)^3+2)-1$
-42731786	G	$-9^8+7+6^(5+4)/32*1$	-42777485	P	$-(9^8+7^6)+(5^4-3)^2+1$
-42731787	P	$-(9^8+7)+(6+54^3)^2+1$	-42780468	G	$-9^8+(-7-6)*(-5^4*(3^2)-1)$
-42731791	P	$-(9^8-(7-6+54^3)^2)*1$	-42780474	P	$-9^8+7-65*(-(4^3(3^2)*1)$
-42731792	P	$-(9^8-(7-6+54^3)^2)-1$	-42780488	P	$-(9^8+7)-65*(-(4^3(3^2)*1)$
-42731799	P	$-9^8+7-(-(-6+54^3)^2+1)$	-42780553	P	$-(9^8+7)-65*(-(4^3(3^2)+1)$
-42731807	G	$-9^8+(7+(6*(-5-4)^3))*(-2*1)$	-42782089	G	$-9^8+76*((5-4^3)^2+1)$

-42782166	G	$-9^8+76*(5-4^3)^2-1$	-42829034	P	$-9^8-7^*(6^5*4-3^2)+1$
-42784519	P	$-(9^8+7)+65+4^*(3^2*1)$	-42829035	P	$-9^8-7^*(6^5*4-3^2)*1$
-42784570	P	$-(9^8-7)^*(6-5)+4^*(3^2*1)$	-42829055	G	$-9^8-7^*(-6^5*4+3^2)+1$
-42784582	P	$-(9^8/(7-6)+5)+4^*(3^2*1)$	-42829218	G	$-9^8-7^*(-6^5*4+32)-1$
-42784584	G	$(9^8+7)/(-6+5)+4^*(3^2*1)$	-42829224	P	$-9^8-7^*(-(6^5*4-32)+1)$
-42784595	P	$-(9^8+7+6+5)+4^*(3^2*1)$	-42829566	G	$-9^8+(7+(-6-5)^4*3)^2-1$
-42784614	P	$-(9^8+7*6)+5+4^*(3^2*1)$	-42831674	G	$-9^8-7^*(6^5*-4^*(3+2)-1)$
-42784624	P	$-(9^8+7*6+5)+4^*(3^2*1)$	-42831681	P	$-9^8-7*6^5*(-4^*(-3-2)*1)$
-42784642	P	$-(9^8)-(7+6)^5+4^*(3^2*1)$	-42831891	P	$-9^8-7*6^5*(-4^*(-3-2)+1)$
-42784648	P	$-(9^8+76)+5+4^*(3^2*1)$	-42833278	G	$-9^8+(7*65+4+3)^2-1$
-42784654	P	$-9^8-7^*(6+5)+4^*(-3^2*1)$	-42835034	G	$-9^8-7^*(-6^5*(4-3^2)-1)$
-42784957	G	$-9^8-76^5+4^*(3^2*1)$	-42835040	G	$-9^8-7^*-6^5*(4-3^2)+1$
-42785032	G	$-9^8-7^*65+4^*(3^2*1)$	-42836580	P	$-9^8+(-7-6^5)*(-(-4+32)+1)$
-42786721	G	$-9^8+(7+6)/(5^4-4/32)*1$	-42836776	P	$-(9^8+(-7+6+5)^4+3)^2-1$
-42789882	G	$-9^8+(-7-6^5)*(-4^3/2-1)$	-42838734	G	$-9^8+(-7-6)^*((5^*-4)^3*2+1)$
-42792360	P	$-(9^8+7*6+5)+4^*(3^2*1)$	-42839696	G	$-9^8+(7/65)^*(-4+3))^2*1$
-42792706	G	$-9^8+(7*(65+4+3))^2-1$	-42839697	G	$-9^8+(7/65^4(-4+3))^2-1$
-42795719	G	$-9^8+(7*6-543)^2+1$	-42840605	G	$-9^8+(7*65-4+3)^2*1$
-42795721	G	$-9^8+(7*6-543)^2-1$	-42840606	G	$-9^8+(7*65-4+3)^2-1$
-42797537	P	$-(9^8-(7+(6^5+4))^32)*1$	-42841706	P	$-9^8-7^*-((6+5)^4+3)^2-1$
-42797666	G	$-9^8+(-7-6^5)*-4^3/2-1$	-42841712	P	$-9^8-7^*(-((6+5)^4+3)^2+1)$
-42797792	P	$-(9^8+(-7-6^5+4)^32)+1$	-42841742	G	$-9^8+(7*(6+5)^4+3)^2-1$
-42797882	P	$-9^8+7-6^5*(-4^3/2*1)$	-42841753	G	$-9^8-(-7*(6+5)^4+3)^2*1$
-42797889	G	$-9^8+(7+6+5+4)^*(3+2*1)$	-42841754	G	$-9^8-(-7*(6+5)^4+3)^2-1$
-42797896	P	$-(9^8+7)+6^5*(4^3/2*1)$	-42841789	P	$-9^8-7^*(-(6+5)^4+3)^2*1$
-42797945	G	$-9^8+(-7+6^5*4)^*(3^2-1)$	-42841790	P	$-9^8-7^*(-(6+5)^4+3)^2-1$
-42798009	P	$-(9^8-7-(6^5-4)^32)+1$	-42841796	P	$-9^8-7^*(-(6+5)^4+3)^2+1)$
-42798024	G	$-9^8-7-(-6^5+4)^32*1$	-42843583	G	$-9^8+(-7-6)^*(-5^4(4^3/2)-1)$
-42798114	G	$-9^8+(-7+6^5)*4^3/2-1$	-42843596	G	$-9^8+(-7-6)^*-5^4(4^3/2)*1$
-42799721	G	$-9^8+76*((54+3)^2+1)$	-42843597	G	$-9^8+(-7-6)^*-5^4(4^3/2)-1$
-42799797	G	$-9^8+76/(54+3)^2*1$	-42846759	P	$-(9^8-7*6*(5+4^3)^2)*1$
-42800650	G	$-9^8-7^*((-6^5+4)^3*2-1)$	-42849121	P	$-9^8-76*((-54-3)^2+1)$
-42801794	G	$-9^8+7654*32-1$	-42849146	G	$-9^8+7*((6-54*-3)^2+1)$
-42805672	P	$-(9^8+7)+6^5*(4^3/2-1)$	-42850154	G	$-9^8+7*(65^4*32+1)$
-42809095	G	$-9^8+(-7+65)^*(4^3(3^2)+1)$	-42850161	P	$-(9^8-7*65^4*32)*1$
-42809153	G	$-9^8+(-7+65)^*4^*(3^2)*1$	-42850340	G	$-9^8+7^6+54^3/(2*1)$
-42809297	G	$-9^8-76^*(5^4(4+3-2)+1)$	-42850471	G	$-9^8+(7*65-4^3)^2+1$
-42809966	G	$-9^8+(7^6+(5+4)^3)^2-1$	-42850473	G	$-9^8+(7*65-4^3)^2-1$
-42810526	G	$-9^8+(-7*(65+4)-3)^2-1$	-42852146	G	$-9^8+(-7-6^5)*(-4^3*2-1)$
-42811414	P	$-(9^8-(7^6+5)^4(4-3)^2)-1$	-42852240	G	$-9^8+(7*(6+54+3))^2*1$
-42811423	P	$-(9^8+7^6/(5-(4+3/2)))^*1$	-42852241	G	$-9^8+(7*(6+54+3))^2-1$
-42811434	P	$-(9^8-(7^6-5)^4(4-3)^2)-1$	-42852328	P	$-(9^8+7)+6^5*(4^3*2+1)$
-42812291	G	$-9^8+7*((-65+4)^3)^2+1)$	-42854256	G	$-9^8+(7*6+5)^*(4^3(3^2)-1)$
-42812339	P	$-9^8+7-6^*(5^4(4+3)/2*1)$	-42856202	G	$-9^8-7^*(6^5*(4-3)/2-1)$
-42812882	G	$-9^8+(7^6+(-5-4)^3)^2-1$	-42856209	G	$-9^8-7*6^5*(-4-3)/2*1$
-42816322	G	$-9^8+(7-(-6-5)^4*3)^2-1$	-42857722	G	$-9^8-7/(-6^5)^4(-4+3-2)-1$
-42818570	G	$-9^8+7*(6^5*432+1)$	-42857728	G	$-9^8-7*((6^*-5)^4(-4-3+2)+1)$
-42818577	P	$-(9^8-7*6^5*432)*1$	-42860084	G	$-9^8-(-7-6^5*4^3)^2-1$
-42819740	P	$-9^8+(7-6^*(-5+4))^3*(2-1)$	-42860090	P	$-9^8+7-6^5*(-4^3*2*1)$
-42819745	P	$-(9^8+7-(65-4)^3)^2*1$	-42860098	P	$-9^8+(-(-7-(6+5))^4)^3/2-1$
-42819914	G	$-9^8+7*((-6-54)^3)^2+1)$	-42860104	P	$-(9^8+7)+6^5*(4^3*2*1)$
-42821420	G	$-9^8+(-7+6^5)*(-4+32+1)$	-42860112	G	$-9^8+(-7-6^5*-4^3)^2-1$
-42822938	G	$-9^8-7^*(-6^5*(4+3^2)-1)$	-42861079	P	$-(9^8-((7+6)^5-4-3)/2)-1$
-42822944	G	$-9^8-7^*-6^5*(4+3^2)+1$	-42861822	G	$-9^8+(7*(65-4)+3)^2-1$
-42822998	P	$-(9^8+7)+((-6-5)^4*3)^2+1$	-42863011	G	$-9^8-7/6^*-54^3+2*1$
-42825530	P	$-9^8+7+(6-54)^3*(2*1)$	-42863014	G	$-9^8-7/-6^5*4^3(-2-1)$
-42828770	P	$-9^8-7^*(-6^5*4+32)-1$	-42863015	G	$-9^8-7/-6^5*4^3(-2*1)$
-42828776	G	$-9^8-7^*(-6^5*4-32+1)$	-42863020	P	$-9^8-7^*(-(6^*(-5-4)^3)^2+1)$
-42828929	G	$-9^8-7^*(-6^5*4-3^2)+1$	-42863055	G	$-9^8-7^*(6-(54^3)^2)*1$
-42828950	P	$-9^8-7^*(-6^5*4+3^2)+1$	-42865274	G	$-9^8-7^*(-6^5*(4/3+2)-1)$
-42828951	P	$-9^8-7^*(-6^5*4+3^2)*1$	-42865281	G	$-9^8-7^*-6^5*(4/3+2)*1$
-42828957	G	$-9^8-7^*(6^5*4-3-2)+1$	-42865282	G	$-9^8-7^*-6^5*(4/3+2)-1$
-42828986	P	$-9^8+7-6^5*(-4+32^2+1)$	-42866946	G	$-9^8+(7*(65-4)-3)^2-1$
-42828988	P	$-(9^8-7*6^5*4)+3+2*1$	-42868034	G	$-9^8+(-7+6^5)*(4^3*2-1)$
-42828990	G	$-9^8+(7*6^5*4+3)^*(2-1)$	-42869481	P	$-(9^8+(7+6*(5+4^3))^2)-1$
-42829000	G	$-9^8-7^*(-6^5*4+3-(2*1))$	-42869520	P	$-(9^8+7^6)+543^2+1$
-42829011	G	$-9^8-7^*(-6^5*4+3)+2+1$	-42869521	P	$-(9^8+7^6)+543^2*1$
-42829014	P	$(9^8-7*(6^5*4-3))/(-2-1)$	-42870022	G	$-9^8+7^6+(5+4)^4(3+2)+1$
-42829017	G	$-9^8-7^*(-6^5*4+3)-2-1$	-42870240	G	$-9^8+(7^6+5)/(-4/3+2)*1$
-42829027	P	$-9^8-7^*(-6^5*4-3-2)+1$	-42870255	P	$-(9^8+(-7^6+5)/(-4/3+2))^*1$

-42871541	G	$-9^8+76*((5+43)^2+1)$	-42902827	G	$-9^8+7^6+(54*3)^2+1$
-42871617	G	$-9^8+76/(5+43)^{-2*1}$	-42903080	G	$-9^8+(76*5-4+3)^2*1$
-42872833	G	$-9^8+(-7*(6+54)+3)^2-1$	-42903081	G	$-9^8+(76*5-4+3)^2-1$
-42874472	G	$-9^8-7*(6*(5-4*(3*2)))-1$	-42903319	P	$-9^8-7*(6-5*4*(3*2))*1$
-42874479	P	$-9^8-7*6*(5+4*(3*2))*1$	-42903320	P	$-9^8-7*(6-5*4*(3*2))-1$
-42874521	G	$-9^8-7*6*(5+4*(3*2))-1$	-42903326	G	$-9^8-7*(6-5*4*(3*2)+1)$
-42874892	G	$-9^8-7*(-6*(-5+4*(3*2)))-1$	-42903404	G	$-9^8-7*(6-5*4*(3*2))-1$
-42874899	P	$-9^8-7*6*(5-4*(3*2))*1$	-42903838	G	$-9^8+(7*(6+5+43))^2-1$
-42875332	P	$-(9^8+7)+(6*(5+4^3))^2*1$	-42904219	G	$-9^8+76*5^4*3+2*1$
-42875333	P	$-(9^8+7)+(6*(5+4^3))^2-1$	-42904221	G	$-9^8+76*5^4/3^4*(-2+1)$
-42876362	G	$-9^8+7*((6+54^3)-3)^2+1$	-42904347	G	$-9^8-7*(-6-5)*43^2+1$
-42876368	P	$-(9^8+(7-((6+5)^4)^3)^2)-1$	-42904355	G	$-9^8-7*((6-5)*43^2+1)$
-42876976	G	$-9^8+(7*65-43)^2+1$	-42904425	G	$-9^8-7*(-6-5)*43^2-1$
-42876978	G	$-9^8+(7*65-43)^2-1$	-42905384	G	$-9^8-7*((6-5^4)^3+1)$
-42878728	G	$-9^8-7*(6*(5^4-4)^3/2+1)$	-42906096	P	$-(9^8-(7*6*(5+4)+3)^2)*1$
-42879530	P	$-9^8-7*6*(5-4*(3*2))-1$	-42906577	P	$-9^8-76*(5-4*(3*2))-1$
-42881073	G	$-9^8+(7-6*(5+4^3))^2-1$	-42906800	G	$-9^8+(7-6*(5^4+3))/2-1$
-42882485	G	$-9^8+76*(5*43+1)$	-42906803	P	$-9^8-((7-6*5)^4+3)/2-1$
-42882561	P	$-(9^8-76*5*43)*1$	-42908064	G	$-9^8+7*(-6+5^4)*32+1$
-42882846	G	$-9^8+7^6+(5*43)^2+1$	-42908072	P	$-9^8-7*((6-5^4)^3+1)$
-42883328	P	$-9^8-7*((6^5+4)^3+2)-1$	-42908592	P	$-9^8+7^6-5*(4^3*(3*2)*1)$
-42883339	P	$-(9^8-7*(6^5+4)^3)+2*1$	-42909079	G	$-9^8+(7*(65-4^3))^2+1$
-42883355	P	$-9^8-7*(-(6^5+4)^3+2)*1$	-42909164	P	$-9^8-7*(-(6^5+4)^3/2+1)$
-42883356	P	$-9^8-7*(-(6^5+4)^3+2)-1$	-42910263	P	$-(9^8-7*6*(5+4^3))^2*1$
-42883496	P	$-9^8-7*(-(6^5+4)^3+2)-1$	-42910270	P	$-9^8-7*(6*(-5+4)^2+1)$
-42883524	G	$-9^8-7*((6^5+4)^3+2)-1$	-42910305	P	$-9^8-7*6*(-(5+4)^2+1)$
-42883530	G	$-9^8-7*((6^5+4)^3+2+1)$	-42910634	P	$-9^8-7*(6^5*(4-3/2))-1$
-42883572	G	$-9^8+(-7+6^5)*4*(3+2)+1$	-42910641	P	$-9^8-7*6^5*(4-3/2)*1$
-42884715	P	$-(9^8-7)+(6^5)^4/(3+2)-1$	-42911296	G	$-9^8+(76*5-4*3)^2+1$
-42884729	G	$-9^8-7+(6^5)^4/(3+2)-1$	-42911298	G	$-9^8+(76*5-4*3)^2-1$
-42885662	G	$-9^8+7+(6+5)^4*(4+3-2)+1$	-42912265	G	$-9^8+7^6/((5/4+3)/2)*1$
-42885676	P	$-9^8+7+(6+5)^4*(4+3-2)+1$	-42913073	G	$-9^8+7^6+(5*4)^3*2-1$
-42886722	P	$-(9^8+7)+6+(5^4)^3*(3+2)-1$	-42913414	G	$-9^8+7*(6*(5^4+3))^2-1$
-42886763	P	$-(9^8+7*6)+(5^4)^3*(3+2)-1$	-42913420	G	$-9^8+7*((6*(5^4-3))^2-1)$
-42887521	G	$-9^8+7*(6+5+3)^2-1$	-42913665	G	$-9^8+(-7-65)*(-43^2+1)$
-42889178	G	$-9^8+76+54^3+2+1$	-42914067	G	$-9^8+(7*6+5+4)^3+2+1$
-42889241	G	$-9^8+7+6+54^3+2+1$	-42914069	G	$-9^8+(7*6+5+4)^3+2-1$
-42889243	G	$-9^8+7+6+54^3+2-1$	-42914071	G	$-9^8+(7*6+5+4)^3-2+1$
-42889247	G	$-9^8+7+6+54^3-2-1$	-42914073	G	$-9^8+(7*6+5+4)^3-2-1$
-42889249	P	$-9^8-7-6/(5^4)^3-2+1$	-42914890	G	$-9^8+(7+(6+5)^4)^3*2-1$
-42889253	P	$-(9^8-7)+(6*(5+4))^3-2-1$	-42914944	G	$-9^8+7+(6+5)^4*3^2+1$
-42889267	G	$-9^8-7+(-6*(-5-4))^3-2-1$	-42914945	P	$-9^8+7+(6+5)^4*(-3^2*1)$
-42890320	P	$-(9^8-(76+5^4(4+3))^2)-1$	-42914959	P	$-(9^8+7)+(6+5)^4*(3^2*1)$
-42890395	P	$-9^8+76-5^4(4+3)*(2*1)$	-42915016	G	$-9^8+(7-(6+5)^4)^3-2-1$
-42890445	P	$-(9^8-(7+6+5^4(4+3))^2)*1$	-42915317	G	$-9^8+76*(5^4*32+1)$
-42890446	P	$-(9^8-(7+6+5^4(4+3))^2)-1$	-42915393	P	$-(9^8-76*5^4*32)*1$
-42890458	P	$-9^8+7+6-5^4(4+3)*(2*1)$	-42915464	G	$-9^8-7*(-6*5^4(4+3)-1)$
-42890469	P	$-(9^8-(7-6+5^4(4+3))^2)*1$	-42915471	G	$-9^8-7*6*(5^4(4+3-2)*1)$
-42890473	P	$-(9^8+(7-6-5^4(4+3))^2)*1$	-42915513	G	$-9^8+(-76+5)*(-43^2+1)$
-42890512	G	$-9^8-7*6+5^4(4+3)^2+1$	-42915648	G	$-9^8+(7+6-5)^4*32+1$
-42890513	P	$-9^8-7*6-5^4(4+3)*(2*1)$	-42915650	G	$-9^8+(7+6-5)^4*32-1$
-42891207	P	$-(9^8+7)+6^5*4*(3+2)+1$	-42916401	G	$-9^8+(7+6*(5-4^3))^2-1$
-42891208	P	$-(9^8+7)+6^5*4*(3+2)*1$	-42917129	P	$-(9^8+7)+(6^5*4^3)^2-1$
-42893056	G	$-9^8+(76*5+4^3)^2+1$	-42919273	G	$-9^8+(7*(6-(5+4^3)))^2-1$
-42893058	G	$-9^8+(76*5+4^3)^2-1$	-42919827	P	$-9^8+7^6-5*(43^2*1)$
-42893636	G	$-9^8+76543^2-1$	-42921413	P	$-(9^8+7)+(6*(5-4^3))^2-1$
-42895169	P	$-(9^8+(-7-6*5)^4*(3*2))*1$	-42922960	P	$-(9^8-((7+6)^5-4)/3-2))*1$
-42895520	G	$-9^8-7*6*(5^4*3)^2+1$	-42923447	P	$-(9^8-7^6-5^4/3^4-2)*1$
-42895563	G	$-9^8-7*6*(5^4*3)^2-1$	-42923639	G	$-9^8+7^6+5432+1$
-42897033	G	$-9^8+(-76-5)*(-43^2+1)$	-42923668	G	$-9^8+7*((6+5^4)^3+2+1)$
-42898545	G	$-9^8-(7*-6/(5-4))^3*2*1$	-42923686	G	$-9^8+7*(6+5^4)^3+2+1$
-42898546	G	$-9^8-(7*-6/(5-4))^3*2-1$	-42923688	G	$-9^8+7*(6+5^4)^3+2-1$
-42899264	P	$-(9^8)+((7-6+5)^4*3)^2+1$	-42923690	G	$-9^8+7*(6+5^4)^3-2+1$
-42900218	G	$-9^8+7*(654*32+1)$	-42923692	G	$-9^8+7*(6+5^4)^3-2-1$
-42900225	P	$-(9^8-7*654*32)*1$	-42923834	P	$-9^8+7-6*(5^4*(3*2)*1)$
-42900381	G	$-9^8+(7-(6+5)^4)*(-3^2-1)$	-42923848	G	$-9^8-7-6*(-5/4*(3*2)*1)$
-42900519	P	$-(9^8-7*6*(5-4^3)^2)*1$	-42923854	G	$-9^8-7-6*(-5/4*(3*2)+1)$
-42901562	G	$-9^8-7*(6^5*4/-3*2-1)$	-42923952	P	$-9^8+7^6-5*(4^3*(3+2)*1)$
-42901569	G	$-9^8-7*6^5*(4/3*2*1)$	-42924222	G	$-9^8+(7+(6+5-4)^3)^2-1$
-42902231	P	$-(9^8+7^6+5)^4*(3^2*1)$	-42924249	G	$-9^8-7*6^5/-4^3*2*1$

-42924754	P	$-9^8-7^*-((-6-5)*4^3)^2-1$	-42929172	P	$-(9^8-7^6-5^*-4^*(3+2))^*1$
-42924921	P	$-9^8+(7-6^*-(5+3))^2-1$	-42929173	P	$-(9^8-7^6-5^*-4^*(3+2))-1$
-42924981	P	$-(9^8-7^6+5)+4^*(3^*(2^*1))$	-42929191	P	$-(9^8-7^6)+5-4^*(32-1)$
-42925946	G	$-9^8+7^6+5^4(4+3-2)+1$	-42929194	G	$-9^8+7^6+5-4^*32+1$
-42926313	P	$-9^8+(7-6^*-(5-4^3))^2-1$	-42929195	P	$-(9^8-7^6)+5-4^*(32^*1)$
-42926496	P	$-(9^8-(7+6/5^4-4)^*32)+1$	-42929205	P	$-(9^8-7^6+5)-4^3*(2^*1)$
-42926523	G	$-9^8+(-7-6)^*(-5^*43^2-1)$	-42929211	G	$-9^8+7^6+5-(-4^3)^2(2^*1)$
-42926529	P	$-9^8+7-65^*(-43^2^*1)$	-42929221	P	$-(9^8-7^6+5+(4^3)^2)^*1$
-42926535	G	$-9^8+(-7-6)^*-5^*43^2+1$	-42929232	G	$-9^8+7^6-5^*(4^3/2^*1)$
-42926543	P	$-(9^8+7-65/43^2-2)^*1$	-42929236	G	$-9^8+7^6-54^*3-2^*1$
-42926608	P	$-(9^8+7)-65^*(-43^2+1)$	-42929237	G	$-9^8+7^6-54^*3-2-1$
-42926671	G	$-9^8+7^6*((5-4^3)^2+2+1)$	-42929289	G	$-9^8+7^6-5^*4^3-2^*1$
-42926714	G	$-9^8+7+6/(5^4-4/(32^*1))$	-42929290	G	$-9^8+7^6-5^*43-2-1$
-42926728	P	$-(9^8+7)+6/(5^4-4/(32^*1))$	-42929322	P	$-9^8+7^6+5^*-((4+3)^2+1)$
-42926912	P	$-9^8+7^6-5^*-432^*1$	-42929342	P	$-(9^8-7^6)-54^*(3+2^*1)$
-42926944	G	$-9^8-(7-6/5^4-4)^*32+1$	-42929361	P	$-(9^8-7^6)+(-5-4)^*32-1$
-42927344	P	$-9^8+7^6-54^*(32^*1)$	-42929383	P	$-9^8+7^6-5^*(-4^3+2)-1$
-42927614	G	$-9^8+7^6+(5+4)^3*2^*1$	-42929396	G	$-9^8+7^6-(-54/3)^2(2^*1)$
-42927615	G	$-9^8+7^6+(5+4)^3*2-1$	-42929402	G	$-9^8+7^6-5^*(4^3+2)^*1$
-42927848	G	$-9^8+7^6+(5^*(4+3))^2-1$	-42929502	P	$-9^8+7^6-5^*(43^*-2^*1)$
-42927986	P	$-9^8+7^6-543^*(-2^*1)$	-42929537	G	$-9^8+(7+(6+5)^4)^*(3^2-1)$
-42928043	G	$-9^8+7^6+5+4^3(3+2^*1)$	-42929600	P	$-(9^8+7)+6+5^4(3^2-1)$
-42928347	P	$-(9^8-7^6)-5^*(-4^3)^2-1$	-42929612	G	$-9^8+7^6-54^*(3^2+1)$
-42928352	P	$-(9^8-7^6-5^*(4^3)^2)^*1$	-42929692	G	$-9^8+7^6-5^*4^*(32-1)$
-42928415	G	$-9^8+7^6+5^4+32^*1$	-42929694	P	$(-(9^8-(7^6-5^4))+3)/(2-1)$
-42928431	P	$-(9^8-7^6-5^*4^32)+1$	-42929707	G	$-9^8+7^6-5^*(4^3^2-1)$
-42928432	P	$-(9^8-7^6-5^*4^32)^*1$	-42929712	G	$-9^8+7^6-5^*4^*(32^*1)$
-42928452	G	$-9^8+7^6-5^*-4^*(32-1)$	-42929787	P	$-(9^8-7^6)-5^*((4^3)^2-1)$
-42928530	P	$-(9^8-7^6)+543-2+1$	-42930158	G	$-9^8+7^6-543^*(2^*1)$
-42928532	P	$-(9^8-7^6)+543-2-1$	-42930235	G	$-9^8+7^*(65+4^3)^2-1$
-42928544	G	$-9^8+7^6+(5^*4+3)^2-1$	-42930298	G	$-9^8+7^6-(5^*(4+3))^2-1$
-42928586	P	$-(9^8-7^6-54^*3^2)^*1$	-42930800	G	$-9^8+7^6-54^*(32^*1)$
-42928641	P	$-(9^8-7^6-5^*43^2)+1$	-42931232	G	$-9^8+7^6-5^*(432^*1)$
-42928642	P	$-(9^8-7^6-5^*43^2)^*1$	-42931473	P	$-9^8+7^6*(-5-4^3)^2-1$
-42928704	P	$-(9/(8-7)+6543)^2+1$	-42931801	G	$-9^8+(7^*(6-54)-3)^2-1$
-42928742	P	$-9^8+7^6-5^*(4^3+2)^*1$	-42932196	G	$-9^8+7^6-5^*(4+3-2)+1$
-42928747	P	$-(9^8-7^6-54^*3^2)+1$	-42932672	P	$-(9^8-7^6+5^*4^3)^2)^*1$
-42928748	P	$-(9^8-7^6-54^*3^2)^*1$	-42933151	G	$-9^8+(76^5-43)^2+1$
-42928784	G	$-9^8+7^6+(5+4^3)^2-1$	-42933153	G	$-9^8+(76^5-43)^2-1$
-42928822	G	$-9^8+7^6+5^*((4+3)^2+1)$	-42933163	P	$-(9^8-(7^6+5))-4^*(3^*(2^*1))$
-42928828	G	$-9^8+7^6+5^*(4+3)^2-1$	-42934191	G	$-9^8+7^6-5^*4^3(3+2)+1$
-42928859	G	$-9^8+7^6+5^*43-2^*1$	-42934497	P	$-9^8+(7-6^*(-54-3))^2-1$
-42928860	G	$-9^8+7^6+5^*43-2-1$	-42934638	G	$-9^8-7^*(-6+(-5^*4)^3)^2-1$
-42928892	P	$-(9^8-7^6)-5^*-4^*(3^2^*1)$	-42934644	G	$-9^8-7^*((-6-(5^*4)^3)^2+1)$
-42928907	P	$-9^8+7^6-5^*(-4^3/2+1)$	-42934697	P	$-(9^8-7^6-5^*4/3^2-2)^*1$
-42928912	P	$-9^8+7^6-5^*(-4^3/2^*1)$	-42934763	G	$-9^8-7^*(6-(5^*4)^3)^2)^*1$
-42928913	G	$-9^8+7^6+54^*3-2-1$	-42934806	G	$-9^8+7^*(-6-(5^*4)^3)^2-1$
-42928938	G	$-9^8+7^6+5+4^32+1$	-42934812	G	$-9^8-7^*((6+(5^*-4)^3)^2+1)$
-42928939	P	$-(9^8-7^6)+5-4^*(32^*1)$	-42935166	G	$-9^8+(7+6^*54+3)^2-1$
-42928948	G	$-9^8+7^6+5^4/(3+2)-1$	-42935912	G	$-9^8+76^*(5+4)^3^2+1$
-42928969	G	$-9^8+7^6+(-54+3)^*-2+1$	-42935913	G	$-9^8+76^*(5+4)^3^2^*1$
-42928972	P	$-(9^8-7^6-5^*4^*(3+2))^*1$	-42936120	G	$-9^8+7-(-6-54)^3+2^*1$
-42928980	G	$-9^8+7^6+5+43^2+1$	-42936962	G	$-9^8-7^*(-6^5-4^3)^2-1$
-42928981	G	$-9^8+7^6+5+43^2^*1$	-42936968	G	$-9^8-7^*((-6^5-4^3)^2+1)$
-42928997	G	$-9^8+7^6+(-5+43)^2-1$	-42937053	P	$-9^8-76^*(-5-43)^2+1$
-42929000	G	$-9^8+7^6+5+4^32+1$	-42937248	P	$-9^8-7^*((-6^5+43)^2-1)$
-42929001	G	$-9^8+7^6+5+4^32^*1$	-42937256	P	$-9^8-7^*(-6^5+43)^2-1$
-42929027	P	$-(9^8-7^6)+5+43-2-1$	-42937303	P	$-9^8-7^*(-6+5^4(4^3/2))^+1$
-42929033	P	$-(9^8-7^6+5)+43+2-1$	-42937304	P	$-9^8-7^*(-6+5^4(4^3/2))^*1$
-42929037	P	$(9^8-7^6-5^*(4+3))/(-2-1)$	-42937326	P	$-9^8-765^*(-4^3)^2+1$
-42929085	G	$-9^8+7^6+5^*4-32-1$	-42937339	G	$-9^8+7^*((6-5+4)^3(3^2)+1)$
-42929107	G	$-9^8+7^6+(-5^*(4+3))^2(2-1)$	-42937387	G	$-9^8-7^*(6-5^4(4^3/2))^+1$
-42929116	P	$-(9^8-7^6+54)+3^2+1$	-42937388	G	$-9^8-7^*(6-5^4(4^3/2))^*1$
-42929117	P	$-(9^8-7^6+54)+3^2^*1$	-42937479	P	$-(9^8-7^*6^*(54-3)^2)^*1$
-42929122	P	$-(9^8-7^6+54)+3+2-1$	-42937486	P	$-9^8-7^*(6^*(-54+3))^2+1$
-42929147	G	$-9^8+7^6+(-5+43)^*-2+1$	-42937521	P	$-9^8-7^*6^*(-54-3)^2+1$
-42929149	G	$-9^8+7^6+(-5+43)^*-2-1$	-42937690	G	$-9^8-7^*(-6^5-4^3)^2-1$
-42929152	G	$-9^8+7^6+5-43^2+1$	-42937696	G	$-9^8-7^*((-6^5+4^*-3)^2+1)$
-42929153	P	$-(9^8-7^6)-54^*(3/2^*1)$	-42937766	G	$-9^8-7^*((-6^5-(4+3))^2+1)$
-42929169	P	$-(9^8-7^6)+(-5-43)^2-1$	-42937794	G	$-9^8+(7^*(6^5+4)+3)^2+1$

-42937806	G	$-9^8 - (-7*(6^5+4)+3)*2+1$	-42950727	P	$-(9^8+7)-6*(5^*-4)^3*2+1$
-42937842	G	$-9^8+(7*6^5+4+3)*2+1$	-42950734	G	$-9^8+(-7-6*(-5^*4)^3)*2+1$
-42937849	P	$-9^8+7-6^5*(4^*3+2)+1$	-42950898	G	$-9^8+7*((-6^*5^*4+3)^2*1)$
-42937854	G	$-9^8+(7*6^5+4-3)*2+1$	-42950905	G	$-9^8+7*((-6^*5^*4+3)^2-1)$
-42937856	P	$-(9^8-7*6^5/(4-3)^2)+1$	-42951858	G	$-9^8+(7*(6-(5-43)))^2-1$
-42937863	P	$-(9^8+7-6^5*(4+3)^2)+1$	-42952471	G	$-9^8+(7+6-5^*4^3)^2+1$
-42937864	P	$-(9^8+7-6^5*(4+3)^2)*1$	-42952490	G	$-9^8+(-7+6^*5)*(4^*(3^*2)+1)$
-42937906	G	$-9^8+(-7*(-6^5+4)+3)*2+1$	-42952964	P	$9^8+7-6^*-5*(4^*3/2)^*1$
-42937944	G	$-9^8-(7/-6^*-5+43)^2-1$	-42952972	P	$-(9^8+7)-6^*(-5^(4^*3/2)-1)$
-42937954	G	$-9^8-7*(-6^5+4+3)^2+1$	-42952978	P	$-(9^8+7)-6^*(-5^(4^*3/2)^*1)$
-42937962	G	$-9^8-7*((-6^5+4+3)^2+1)$	-42953395	P	$-(9^8+(-7-6^*(5+4-3))^2)*1$
-42938026	G	$-9^8-7*(-6^5+4^*3)^2-1$	-42953402	G	$9^8+7-6^*5*(-4^*3)^2-1$
-42938032	G	$-9^8-7*((-6^5-4^*-3)^2+1)$	-42953423	P	$-(9^8+(7-6^*(5+4-3))^2)*1$
-42938452	G	$-9^8-7*((-6^5+4+3)^2-1)$	-42953424	P	$-(9^8+(7-6^*(5+4-3))^2)-1$
-42938460	G	$-9^8-7*(-6^5+4+3)^2-1$	-42953431	G	$-9^8+(-7+6^*5^*4)^3-2+1$
-42938481	P	$-(9^8-((7^*-6-5)*(4+3))^2)-1$	-42953433	G	$9^8+(-7+6^*5^*4)^3-2-1$
-42938714	G	$-9^8+7+(6+54)^3/2^*1$	-42953545	G	$-9^8+76*((5^*(-4-3))^2+1)$
-42938715	G	$-9^8+7+(6+54)^3/2-1$	-42953621	G	$-9^8+76*(5^*(4+3))^2*1$
-42938754	G	$-9^8-7*(-6^5+4^3)^2-1$	-42954306	G	$-9^8+(76*(5-(4-3)))^2-1$
-42938760	G	$-9^8-7*((-6^5+4^3)^2+1)$	-42954867	G	$-9^8-7/(6^*5*(-4^*3)^2)^*1$
-42939421	G	$-9^8+(-7+65)*(43^2+1)$	-42955112	G	$-9^8+7*(6543^2+1)$
-42939478	G	$-9^8+(-7+65)/43^2-1$	-42955119	P	$-(9^8-7*6543^2)^*1$
-42940818	G	$-9^8+7*((6^*5^*4+3)^2*1)$	-42955315	G	$-9^8+7^6-(54^*3)^2+1$
-42940825	G	$-9^8+7*((6^*5^*4+3)^2-1)$	-42955316	G	$-9^8+7^6-(54^*3)^2*1$
-42941750	G	$-9^8+(7+6+5)^4-3^*2+1$	-42956001	G	$-9^8-7*6^*-5*(432^*1)$
-42941752	G	$-9^8+(7+6+5)^4-3^*2-1$	-42956008	G	$-9^8-7*(-6^*5^*432+1)$
-42941809	P	$-(9+8-7+6543)^2*1$	-42956119	G	$-9^8+(7^*(6-5)^4)^3^2+1$
-42942695	P	$-(9^8+(-7-6)*((5^*4)^3+2))^*1$	-42957321	G	$9^8+(7-6*(54-3))^2-1$
-42942721	G	$-9^8+(-7-6)*(5^*-4)^3*(2-1)$	-42958832	G	$-9^8+(7+(6+5)^4)^3*2+1$
-42942896	P	$-(9^8+(7-6*(5+4))^3-2)^*1$	-42958860	G	$-9^8-(-7-(6+5)^4)^3*2+1$
-42942898	P	$(9^8+(7-6*(5+4))^3)^*-(-2-1)$	-42958867	G	$-9^8+7+(6+5)^4*3^*2+1$
-42943687	P	$-(9^8+7-(6^*54-3)^2)^*1$	-42958868	G	$-9^8+7+(6+5)^4*3^*2*1$
-42944011	G	$-9^8+7*((6+5)^4+32)-1$	-42958882	P	$-(9^8+7)+(6+5)^4*(3+2+1)$
-42944170	G	$-9^8+7*((6+5)^4+3^2)+1$	-42958888	G	$-9^8+(-7+(6+5)^4)^3*2+1$
-42944171	G	$-9^8+7*((6+5)^4+3^2)^*1$	-42958916	G	$-9^8+(7-(6+5)^4)^*-3^*2+1$
-42944193	G	$-9^8+7*((6+5)^4+3^2)-1$	-42959697	P	$-9^8+(7-6*(5+43))^2-1$
-42944200	G	$-9^8+7*((6+5)^4+3+2)-1$	-42959817	G	$-9^8+(7^*6+5)^4*3^2+1$
-42944202	G	$-9^8+7*(-6-5)^4+32^*1$	-42959865	G	$-9^8+(7^*6+5)^*(43^2-1)$
-42944227	G	$-9^8+7*((6+5)^4+3-(2^*1))$	-42961530	P	$-9^8+7+((-6-5)^4)^3*(2-1)$
-42944240	G	$-9^8+7*(6+5)^4-3^*2^*1$	-42961544	P	$(9^8+7-((6+5)^4)^3)^*-(-2-1)$
-42944241	G	$-9^8+7*(6+5)^4-3^*2-1$	-42962687	P	$-9^8-7^*(6-(5-4))^*(3+2)-1$
-42944243	G	$-9^8+7*(6+5)^4-3^*(2^*1)$	-42963617	P	$-(9^8-7*(6^5+4^*(3^*2)))^*1$
-42944244	P	$-(9^8)+76+(5/4^*-3)^2+1$	-42963624	P	$-9^8-7*(-(6^5+4^*(3^*2))+1)$
-42944270	G	$-9^8+7*((6+5)^4-(3+2))-1$	-42963778	G	$-9^8+(-76-5)^*-4^*(3+2)-1$
-42944277	G	$-9^8+7*((6+5)^4-3^*2)-1$	-42964109	G	$-9^8+76*(543^2+1)$
-42944279	P	$-(9^8-7^*6)+(5^*4^3)^2(2^*1)$	-42964185	P	$-(9^8-76^*543^2)^*1$
-42944296	G	$-9^8+7*((6+5)^4-3^2)+1$	-42965024	G	$-9^8-7*((6^5+4)^*-3/2-1)$
-42944297	G	$-9^8+7*((6+5)^4-3^2)^*1$	-42965032	G	$-9^8-7*(6^5+4)^*-3/2-1$
-42944320	P	$-(9^8)+7-(6-((5^*4^3)^2)^*1)$	-42965066	G	$-9^8+(7^*6^5+4)^3/2+1$
-42944335	P	$-(9^8)-7-6+(5/4^*-3)^2-1$	-42965073	G	$-9^8+7*((65+43)^2*1)$
-42944396	P	$-(9^8+76)+(5^*4^3)^2+1$	-42965108	G	$-9^8-7*((-6^5+4)^3/2-1)$
-42944459	P	$-9^8+7*(-(6+5)^4+32)-1$	-42965116	G	$-9^8+7*(6^5+4)^*-3/2-1$
-42945072	G	$-9^8+7^6-(5^*4)^3*2^*1$	-42965497	G	$-9^8+(76^*5/4^3)^2-1$
-42945073	G	$-9^8+7^6-(5^*4)^3*2-1$	-42965714	G	$-9^8+7+(6^5)^4/(3^2+1)$
-42945416	G	$-9^8-(7+(-6-5)^4)^3*2-1$	-42967211	G	$-9^8+(7^*6+5-4)^3+2+1$
-42945543	P	$-9^8+(-7-6^5)^*(4+3^2)-1$	-42967213	G	$-9^8+(7^*6+5-4)^3+2-1$
-42945724	G	$-9^8+(-7+6^5)^*(4+3^2)^*1$	-42967761	P	$-9^8+(7-6*(-5-43))^2-1$
-42945725	G	$-9^8+(-7+6^5)^*(4+3^2)-1$	-42967866	G	$-9^8-7*((-6-5)^4*(3+2)-1)$
-42946720	G	$-9^8+(7-6+5+4)^3(3+2)+1$	-42967912	G	$-9^8+76+54^3/2+1$
-42946722	G	$-9^8+(7-6+5+4)^3(3+2)-1$	-42967913	G	$-9^8+76+54^3/2^*1$
-42948126	G	$-9^8+(7-6^*54+3)^2-1$	-42967950	P	$-9^8-7*(-6-5)^*(4^*(-(-3-2)-1))$
-42948753	P	$-9^8+(7-6^*-54-3)^2-1$	-42967976	G	$-9^8+7+6+54^3/2^*1$
-42948801	P	$-(9^8-765^*4^3)^2*1$	-42967988	G	$9^8/(-7+6)+54^3/2+1$
-42948834	G	$-9^8+(7^6+5^*(4+3))/(2^*1)$	-42967997	P	$-(9^8+7)+(6^*(5+4))^3/2-1$
-42949953	P	$-(9^8-7^*6*(5+43)^2)^*1$	-42968009	G	$-9^8-(7^*6-54^3)/2+1$
-42949960	P	$-9^8-7^*(6^*-(-5-43)^2+1)$	-42968026	G	$-9^8+(-76+54^3)/2+1$
-42949995	P	$-9^8-7^*(6^*(-5+43)^2+1)$	-42968031	P	$-(9^8+7^*6-54^3/2)^*1$
-42950001	P	$-(9^8-(7^*(6-5)^4-3)^2)-1$	-42968100	G	$-9^8+(7+(6^5+4)^3)^2-1$
-42950706	G	$-9^8-(7-6*(5^*4)^3)^2+1$	-42968127	G	$-9^8-(7-(6^*5+4)^3)^2*1$
-42950714	P	$-9^8+7-6*(5^*4)^3*(-2^*1)$	-42968128	G	$-9^8-(7-(6^*5+4)^3)^2-1$

-42968275	G	$-9^8 + (7^6 + 5^4) / (3/2^*1)$	-42980168	P	$-(9^8 + 7) + 65^*(4^{\wedge}(3+2)^*1)$
-42968321	P	$-9^8 + (7^*6^*5^*4/3)^{\wedge} - (-2^*1)$	-42980671	G	$-9^8 + (7^*6 + 5^*43)^{\wedge} 2 + 1$
-42968322	G	$-9^8 + (7^*6^*5^*4/3)^{\wedge} 2 - 1$	-42980673	G	$-9^8 + (7^*6 + 5^*43)^{\wedge} 2 - 1$
-42968518	P	$-(9^8) + 76^*(5 + 4^{\wedge}(3+2)) - 1$	-42980679	P	$-(9^8 + 7 - (65^*4 - 3)^{\wedge} 2)^*1$
-42968519	G	$-9^8 + 76 + 5^{\wedge}(4+3) + 2 - 1$	-42980746	G	$-9^8 - 7^* - 65^*((4^*3)^{\wedge} 2 + 1)$
-42968520	P	$-9^8 + 76 - 5^{\wedge}(4+3)^* - (2 - 1)$	-42980931	P	$-(9^8 - 765^*43^*2)^*1$
-42968584	G	$-9^8 + 7 + 6 + 5^{\wedge}(4+3) - 2 + 1$	-42981104	G	$-9^8 + 76 + 5 + 4^{\wedge}(3^{\wedge} 2 - 1)$
-42968586	G	$-9^8 + 7 + 6 + 5^{\wedge}(4+3) - 2 - 1$	-42981113	G	$-9^8 + 7 + 65 + 4^{\wedge}(3^{\wedge} 2 - 1)$
-42968594	G	$9^8 / (-7+6) + 5^{\wedge}(4+3) + 2^*1$	-42981127	P	$-(9^8 + 7) + 65 + 4^{\wedge}(3^{\wedge} 2 - 1)$
-42968606	P	$-(9^8 + 7 + 6 - 5^{\wedge}(4+3)) + 2 + 1$	-42981138	P	$-(9^8 - 7^*6) + 5 + 4^{\wedge}(3^{\wedge} 2 - 1)$
-42968608	P	$-(9^8 + 7 + 6 - 5^{\wedge}(4+3)) + 2 - 1$	-42981148	P	$-(9^8 - 7^*6 + 5) + 4^{\wedge}(3^{\wedge} 2 - 1)$
-42968671	P	$-(9^8 + 76) + 5^{\wedge}(4+3) + 2 - 1$	-42981178	P	$-(9^8 - 7)^{\wedge}(6 - 5) + 4^{\wedge}(3^{\wedge} 2 - 1)$
-42968751	G	$(-98 + 76)^*5^{\wedge}(4+3+2) - 1$	-42981185	P	$9^8^* - (7 - 6)^{\wedge} 5 + 4^{\wedge}(3^{\wedge} 2 - 1)$
-42968851	G	$-9^8 - (-7 - (6^{\wedge} 5 + 4))^*(3^{\wedge} 2 + 1)$	-42981190	P	$-(9^8 / (7 - 6) + 5) + 4^{\wedge}(3^{\wedge} 2 - 1)$
-42968853	P	$-9^8 - 7^* - 6^*(-(-5 - 43^{\wedge} 2)^*1)$	-42981201	P	$-9^8 - 7^*65^* - (4^*3)^{\wedge} 2^*1$
-42968854	G	$-9^8 - 7^*6^*(-5 - 43^{\wedge} 2) - 1$	-42981208	G	$-9^8 + 7 - 6^*5 + 4^{\wedge}(3^{\wedge} 2 - 1)$
-42968860	G	$-9^8 - 7^*(6^*(-5 - 43^{\wedge} 2) + 1)$	-42981222	P	$-(9^8 + 7^*6) + 5 + 4^{\wedge}(3^{\wedge} 2 - 1)$
-42968891	G	$-9^8 - (-7 - 6^{\wedge} 5)^*(4 + 3^*2^*1)$	-42981232	P	$-(9^8 + 7^*6 + 5) + 4^{\wedge}(3^{\wedge} 2 - 1)$
-42968892	G	$-9^8 + (-7 - 6^{\wedge} 5)^*(-4^*3 + 2) - 1$	-42981256	P	$-(9^8 + 76) + 5 + 4^{\wedge}(3^{\wedge} 2 - 1)$
-42968931	G	$-9^8 - (-7 - 6^{\wedge} 5 + 4)^*(3^{\wedge} 2 + 1)$	-42981565	G	$-9^8 - 76^*5 + 4^{\wedge}(3^{\wedge} 2 - 1)$
-42968953	G	$-9^8 + 7 - 6^{\wedge} 5^*(-4^*3 + 2) + 1$	-42981640	G	$-9^8 - 7^*65 + 4^{\wedge}(3^{\wedge} 2 - 1)$
-42968967	P	$-(9^8 + 7) + 6^{\wedge} 5^*(4^*3 - 2) + 1$	-42981697	G	$-9^8 + ((-76 - 5 - 4)^*3)^{\wedge} 2 - 1$
-42969032	G	$-9^8 + (-7 + 6^{\wedge} 5)^*(4 - 3^* - 2) - 1$	-42981964	P	$-(9^8 - 7^*(6 - 5^* - 43^{\wedge} 2))^*1$
-42969273	P	$-9^8 - 7^*6^*(-5 + 43^{\wedge} 2)^*1$	-42984222	G	$-9^8 + (7 - 65^*4 + 3)^{\wedge} 2 - 1$
-42969278	P	$-(9^8) - 76^*(5 - 4^{\wedge}(3+2)) - 1$	-42984288	G	$-9^8 - (-7 - 6^{\wedge} 5/4)^*32 + 1$
-42969280	G	$-9^8 - 7^*(-6^*(-5 + 43^{\wedge} 2) + 1)$	-42984451	P	$-(9^8 - ((7 + 6^{\wedge} 5)^*4 + 3)^*2)^*1$
-42969315	G	$-9^8 - 7^* - 6^*(-5 + 43^{\wedge} 2 - 1)$	-42984462	P	$-(9^8 + ((-7 - 6^{\wedge} 5)^*4 + 3)^*2)^*1$
-42969438	G	$-9^8 + (7^*6 - 5^*4^*3)^{\wedge} 2 - 1$	-42984463	P	$-(9^8 + ((-7 - 6^{\wedge} 5)^*4 + 3)^*2)^*1$
-42969888	P	$-(9^8 - (7/(6 - 5))^{\wedge} 4^*32) + 1$	-42984494	G	$-9^8 - (-7 - (6^{\wedge} 5^*4 + 3))^*2 - 1$
-42970544	G	$-9^8 + ((-7 + 6^*5)^*4^*3)^{\wedge} 2 + 1$	-42984505	G	$-9^8 - (-7 - 6^{\wedge} 5^*4 + 3)^*2^*1$
-42972631	G	$-9^8 + (7^*6/(5 - 4))^{\wedge} 3 + 2^*1$	-42984506	G	$-9^8 + 7 - 6^{\wedge} 5 / -4^*(32^*1)$
-42972975	P	$-9^8 + (-(-7 - 6) + 5)^*(4^{\wedge}(3^*2) + 1)$	-42984512	P	$-9^8 + 7 + (6^{\wedge} 5^* - 4 + 3)^* - (2^*1)$
-42972993	P	$-9^8 + (-(-7 - 6) + 5)^*(4^{\wedge}(3^*2)^*1)$	-42984514	P	$-(9^8 + 7 - (6^{\wedge} 5^*4 + 3)^*2)^*1$
-42972994	G	$-9^8 + (-7 - 65)^* - 4^{\wedge}(3+2) - 1$	-42984521	G	$-9^8 - (-7 + 6^{\wedge} 5^*4 + 3)^*(-2^*1)$
-42973402	G	$-9^8 + 7 + 6^{\wedge} 5 + 4^{\wedge}(3^{\wedge} 2 - 1)$	-42984534	G	$-9^8 + (-7 - (6^{\wedge} 5^*4 + 3))^*2 - 1$
-42973416	P	$-(9^8 + 7 - 6^{\wedge} 5) + 4^{\wedge}(3^{\wedge} 2 - 1)$	-42984537	G	$-9^8 - (-7 + 6^{\wedge} 5 + 4)^*(-3^{\wedge} 2 + 1)$
-42973480	G	$-9^8 + (7 + (6 + 5)^{\wedge} 4)^*(3 + 2) + 1$	-42984736	G	$-9^8 + (-7 + 6^{\wedge} 5/4)^*32 + 1$
-42973508	G	$-9^8 + 7 + (6 + 5)^{\wedge} 4^*(3 + 2) + 1$	-42984829	G	$-9^8 + (7 + 6)^*(5 + 4^*3)^{\wedge} 2 - 1$
-42973522	G	$-9^8 - 7 + (6 + 5)^{\wedge} 4^*(3 + 2) + 1$	-42984841	G	$-9^8 + (7 + 6)^*(5 + 4^*3)^{\wedge} 2 - 1$
-42973550	P	$-9^8 + (7 - (6 + 5)^{\wedge} 4)^*(-3 + 2) + 1$	-42984862	G	$-9^8 + 7^*((6^*5 - 4^*3)^{\wedge} 2 + 1)$
-42973822	G	$-9^8 + (7 + 65^*4 + 3)^{\wedge} 2 - 1$	-42985114	P	$-9^8 - 7^*(-(6^{\wedge} 5 + 4^{\wedge}(3 + 2)) - 1)$
-42974017	P	$-9^8 + (-76 + 5)^* - 4^{\wedge} - (-3 - 2)^*1$	-42985122	P	$-9^8 - 7^* - (6^{\wedge} 5 + 4^{\wedge}(3 + 2)) - 1$
-42974018	P	$-9^8 + (-76 + 5)^* - 4^{\wedge} - (-3 - 2) - 1$	-42985198	P	$-9^8 - 7^*(-(6 + 5^*4)^{\wedge} 3/2 - 1)$
-42974088	P	$-9^8 + (-76 + 5)^*(-4^{\wedge} - (-3 - 2) + 1)$	-42985206	G	$-9^8 + 7^*(6 + 5^*4)^{\wedge} 3/2 - 1$
-42974132	P	$-9^8 - 7^* - (6^{\wedge} 5^*4/3 + 2) - 1$	-42985478	G	$-9^8 - 7^*(-6^*(5 + 4)^{\wedge} 3^*2 - 1)$
-42974152	G	$-9^8 - 7^*(-6^*5^*4/3 + 2) + 1$	-42985485	G	$-9^8 - 7 / -6^{\wedge} - 5^*(4/32 + 1)$
-42974159	G	$-9^8 - 7^*(-6^*5^*4/3 + 2)^*1$	-42985527	G	$-9^8 - 7^* - 6^*((5 + 4)^{\wedge} 3^*2 - 1)$
-42974160	G	$-9^8 - 7^*(-6^*5^*4/3 + 2) - 1$	-42986080	P	$-9^8 - 7^*(6^*(-(5 + 43)^{\wedge} 2 + 1))$
-42974846	G	$-9^8 + (7 + 6 + 5^*4)^{\wedge} 3^*2 + 1$	-42986115	P	$-9^8 - 7^*6^*(-(5 - 43)^{\wedge} 2 + 1)$
-42975296	G	$-9^8 + 7^{\wedge} 6 - (5^*43)^{\wedge} 2 + 1$	-42986697	P	$-9^8 - 7^{\wedge} 6^* - (5/(4 + 3))^{\wedge} 2 - 1$
-42975297	G	$-9^8 + 7^{\wedge} 6 - (5^*43)^{\wedge} 2^*1$	-42987184	G	$-9^8 + (76 - 5/4^{\wedge} - 3)^{\wedge} 2 + 1$
-42975966	G	$-9^8 + (7^*6^*(5 + 4/3))^{\wedge} 2 - 1$	-42987271	P	$-9^8 + (-7 + 65)^*(4^{\wedge} - (-3 - 2) + 1)$
-42976106	G	$-9^8 - (-7 - 6)^*5432 - 1$	-42987329	P	$-9^8 + (-7 + 65)^*4^{\wedge} - (-3 - 2)^*1$
-42976639	G	$-9^8 + (-7 - (6^{\wedge} 5 + 4)) / -3^{\wedge} - 2 - 1$	-42987330	P	$-9^8 + (-7 + 65)^*4^{\wedge} - (-3 - 2) - 1$
-42976674	G	$-9^8 - (-7 - 6^{\wedge} 5)^*(4 + 3 + 2)^*1$	-42987660	G	$-9^8 + 7 + 6 + (5 + 4)^{\wedge}(3 + 2) - 1$
-42976729	P	$-(9^8 - 7) + 6^{\wedge} 5^*(4 + (3 + 2)) + 1$	-42987665	P	$-(9^8 - 7 - (6/54)^{\wedge} - (3 + 2))^*1$
-42976780	P	$-(9^8 + 7 - (6^{\wedge} 5 - 4)/3^{\wedge} - 2)^*1$	-42987666	P	$-(9^8 - 7 - (6/54)^{\wedge} - (3 + 2)) - 1$
-42976837	G	$-9^8 + (-7 - (6^{\wedge} 5 + 4)) / 3^{\wedge} - 2 - 1$	-42987670	P	$9^8^* - (7 - 6 - (5 + 4)^{\wedge} - 3) + 2^*1$
-42978271	G	$-9^8 + (-7 - 6^*5)^*(-43^{\wedge} 2 - 1)$	-42987674	P	$9^8^* - (7 - 6 - (5 + 4)^{\wedge} - 3) - 2^*1$
-42978307	P	$-(9^8 - (7 + 6^*5)/43^{\wedge} - 2) + 1$	-42987678	P	$-(9^8 + 7 - (6/54)^{\wedge} - (3 + 2))^*1$
-42978674	G	$-9^8 - 7^*(6^{\wedge} 5 / (4 / (-3 - 2))) - 1$	-42987679	P	$-(9^8 + 7 - (6/54)^{\wedge} - (3 + 2))^*1$
-42978681	G	$-9^8 - 7^*6^{\wedge} 5 / -4^*(3^*2 - 1)$	-42987789	G	$-9^8 + (7^{\wedge} 6 + 5^*43) / (2^*1)$
-42979345	P	$-9^8 - 7^* - (6^{\wedge} 5 + 43^{\wedge} 2) + 1$	-42987885	G	$-9^8 + (7^{\wedge} 6 + 5^*4^*3) / (2^*1)$
-42979493	P	$-(9^8 - 7^*6 / (5/4^*3 - 2))^*1$	-42987888	G	$-9^8 + (7^{\wedge} 6 + 5 + 4^*3) / (2^*1)$
-42979641	G	$-9^8 + ((7 - (6 + 5))^{\wedge} 4 + 3)^{\wedge} 2 - 1$	-42987900	G	$-9^8 + (7^{\wedge} 6 + 5 - 4^*3) / (2^*1)$
-42980103	P	$-(9^8 + 7) + 65^*(4^{\wedge}(3 + 2) + 1)$	-42988193	P	$-(9^8 - 7^*6^{\wedge} 5) + 4^{\wedge}(3^*(2^*1))$
-42980148	G	$-9^8 + (-7 - 6)^*(-5^*4^{\wedge}(3 + 2) - 1)$	-42988481	G	$-9^8 - 7^*65^* - 4^*(32^*1)$
-42980154	P	$-9^8 + 7 - 65^* - (4^{\wedge}(3 + 2)^*1)$	-42988488	G	$-9^8 - 7^*(-65^*4^*32 + 1)$
-42980158	G	$-9^8 + ((7 - 6 + 5)^*43)^{\wedge} 2 - 1$	-42988640	P	$-(9^8 - (-7^*(6^*5 + 4) - 3)^{\wedge} 2)^*1$
-42980160	G	$-9^8 + (-7 - 6)^*5^* - 4^{\wedge}(3 + 2) + 1$	-42988954	G	$-9^8 + 7 - 6^{\wedge} 5 + 4^{\wedge}(3^{\wedge} 2 - 1)$

-42988968	P	$-(9^8+7+6^5)+4^4(3^2-1)$	-42992892	P	$-9^8-7^*(6^5-43^2)-1$
-42989258	G	$-9^8-7^*(-6^5-432-1)$	-42993186	P	$-9^8-7^*(-6^5-4^32)-1$
-42989265	P	$-(9^8-7^*(6^5+432))^*1$	-42993290	P	$-9^8-7^*(-(6^5-(4^3)^2)-1)$
-42990693	G	$-9^8-7^*(-6-(5^4)^3+2)^*1$	-42993296	P	$-9^8-7^*(-6^5-(4^3)^2)+1$
-42990749	P	$-(9^8-7^*(-6+(5^4)^3+2))^*1$	-42993361	G	$-9^8+((-76-5+4)^3)^2-1$
-42990777	G	$-9^8-7^*(6-(5^4)^3+2)^*1$	-42993407	P	$-9^8+(-7-6)^*(-5+4^3(3^2))+1$
-42991166	G	$-9^8+76^*((5+4)^3+2)-1$	-42993408	P	$-9^8+(-7-6)^*(-5+4^3(3^2))^*1$
-42991280	P	$-9^8-7^*(-6^5+(4^3)^2)+1$	-42993421	P	$-9^8+(-7-6)^*(-(5+4^3(3^2))+1)$
-42991288	P	$-(9^8+7)+6^5*(43^2-1)$	-42993537	G	$-9^8+(-7-6)^*(5-4^3(3^2))+1$
-42991315	G	$-9^8+76/(5+4)^{-3+2^*1}$	-42993551	G	$-9^8+(-7-6)^*(5-4^3(3^2)+1)$
-42991394	P	$-9^8-7^*(-6^5+4^32)-1$	-42994138	P	$-(9^8-7^*6^5+43^2)^*1$
-42991418	P	$-9^8+7+(6-54)^3/(2^*1)$	-42994720	G	$-9^8+(-7-6)^*(5^*-4)^3/2+1$
-42991470	G	$-9^8-76^*((-5-4)^3+2)-1$	-42994734	G	$-9^8+(-7-6)^*((5^*-4)^3/2+1)$
-42991497	G	$-9^8+(7-6^*(5-43))^2-1$	-42994738	G	$-9^8+(7+6+5^*43)^2-1$
-42991688	P	$-9^8-7^*(-6^5+43^2)-1$	-42995278	P	$-9^8-7^*(6^*(-5^*(4+3))^2+1)$
-42991820	P	$-9^8-7^*(-(6^5+4^3+2)-1)$	-42995306	P	$-9^8-7^*(-(6^5-432)-1)$
-42991828	P	$-9^8-7^*(-6^5+4^3+2)-1$	-42995460	P	$-9^8-7^*(-((6+5)^4+3)/2-1)$
-42991840	P	$-9^8-7^*(-6^5+4^3)+2-1$	-42995477	P	$-(9^8-(7^*(6+5)^4+3)/2)-1$
-42991844	G	$-9^8-(-7^*(6^5+4^3)+2)-1$	-42995481	P	$-9^8-7^*(-(6+5)^4+3)/2-1$
-42991855	P	$-9^8-7^*(-6^5-(-4^3+2))^*1$	-42995487	P	$-9^8-7^*(-(6+5)^4+3)/2+1$
-42991856	P	$-(9^8-7^*6^5)+432+1$	-42996068	P	$(9^8+(7-(6+5)^4)^3)^*(-2-1)$
-42991858	P	$-(9^8-7^*6^5)+432-1$	-42996069	P	$-(9^8+(7-(6+5)^4)^3+2)+1$
-42991964	P	$-(9^8-((-7-6)^5/3)^2)+1$	-42996071	P	$-(9^8+(7-(6+5)^4)^3+2)-1$
-42991975	P	$-9^8-7^*(-6^5+43+2)-1$	-42996095	G	$-9^8+(7+654/3)^2+1$
-42992003	P	$-9^8-7^*(-6^5+43-2)-1$	-42996231	P	$-(9^8-765^*(4^3+2))^*1$
-42992037	P	$-9^8-7^*(-6^5+4+32)^*1$	-42996546	G	$-9^8+(7^*(6+5-43))^2-1$
-42992038	P	$-9^8-7^*(-6^5+4+32)-1$	-42996713	G	$-9^8-76^*(-5^4-32-1)$
-42992066	P	$-9^8-7^*(-6^5+4^3/2)-1$	-42996789	P	$-(9^8-76^*(5^4+32))^*1$
-42992094	P	$-9^8-7^*(-6^5-(4-32))-1$	-42997758	P	$-(9^8-765^*4^3)+2+1$
-42992122	P	$-9^8-7^*(-6^5-4^*-3^2)-1$	-42997760	P	$-(9^8-765^*4^3)+2-1$
-42992142	G	$-9^8-7^*(-6^5-4^*(3+2)-1)$	-42997881	P	$-9^8+(7-6^*(-5-43))^2-1$
-42992149	P	$-9^8-7^*(-6^5-4^*(-3+2))^*1$	-42998081	G	$-9^8-76^*5^*-4^*(32^*1)$
-42992150	P	$-9^8-7^*(-6^5-4^*(-3+2))-1$	-42998157	G	$-9^8-76^*(-5^*4^3+1)$
-42992161	P	$-(9^8-7/6^5-5-4^*32)^*1$	-42998536	P	$-9^8-76^*(-5^4+3^2)+1$
-42992192	G	$-9^8-7^*(-6^5-(4^3+2))-1$	-42998546	P	$-9^8+(7^*-6-5)^*(-4^(-3-2))-1$
-42992198	P	$-(9^8-7^*(6^5+4+3^2))^*1$	-42998739	P	$-(9^8+7)+6^*((5^4)^3-2)+1$
-42992203	P	$-(9^8-7/6^5-5-43^2)^*1$	-42998740	P	$-(9^8+7)+6^*((5^4)^3-2)^*1$
-42992205	P	$(9^8-7^*(6^5+4^3))/(-2-1)$	-42998766	P	$-9^8-76^*(-5^4+3^2)-1$
-42992220	G	$-9^8-7^*(-6^5-4^3+2)-1$	-42998842	P	$-9^8-76^*(-5^4+3+2)-1$
-42992239	P	$-9^8-7^*(-6^5+4+3)+2-1$	-42999146	P	$-9^8-76^*(-5^4+3-2)-1$
-42992247	P	$-(9^8-7^*6^5)+43-2+1$	-42999188	P	$-(9^8-76^*5^4)+32+1$
-42992249	P	$-(9^8-7^*6^5)+43-2-1$	-42999215	P	$-(9^8-76/5^4-4-3^2)^*1$
-42992258	P	$-(9^8-7^*(6^5+4))+3^2(2-1)$	-42999230	P	$-(9^8-76^*5^4+3^2)^*1$
-42992264	G	$-9^8-7^*(-6^5-4+3)^*(-2+1)$	-42999298	P	$-9^8-76^*(-5^4-(3-2))-1$
-42992275	P	$-(9^8-7^*6^5-4^3)+2^*1$	-42999449	G	$-9^8+76^*(5^4-3)^*(2-1)$
-42992309	G	$-9^8-7^*(-6^5+4)+3^2-1$	-42999450	P	$-9^8-7^*(-(6^5-4^3(3+2))-1)$
-42992316	P	$-(9^8-7^*6^5)+4-32+1$	-42999458	P	$-9^8-7^*(-6^5-4^3(3+2))-1$
-42992318	P	$-(9^8-7^*6^5)+4-32-1$	-42999458	P	$-9^8-7^*(-6^5-4^3(3+2))-1$
-42992320	G	$-9^8-7^*(-6^5+4)-3^2(2-1)$	-42999601	P	$-9^8-76^*(-5^4-(3+2))^*1$
-42992326	G	$-9^8-7^*(-6^5+4)-3^2(2^*1)$	-42999602	P	$-9^8-76^*(-5^4-(3+2))-1$
-42992339	G	$-9^8-7^*(-6^5+4+3)-2+1$	-42999678	P	$-9^8-76^*(-5^4-3^2)-1$
-42992341	G	$-9^8-7^*(-6^5+4+3)-2-1$	-42999904	P	$-9^8-76^*(-5^4-3^2)+1$
-42992352	G	$-9^8-7^*(-6^5+4+3+2^*1)$	-42999908	P	$-9^8+(-7-6)^*(-(5^4+3)^2-1)$
-42992388	G	$-9^8-7^*(-6^5+4^3+2)-1$	-42999922	P	$-9^8+(-7-6)^*(-5^4+3)^2-1$
-42992413	P	$-(9^8-7^*6^5)-4^*(32-1)$	-43000024	G	$-9^8+(-7-6^5)^*-4^3/2-1$
-42992430	P	$-9^8-7^*(-6^5-4^*(3+2))-1$	-43000028	G	$-9^8-(-7-(6^5+4)^3)^2-1$
-42992458	P	$-9^8-7^*(-6^5-4^3+2)-1$	-43000034	G	$-9^8+7+(6^5+4)^3*2^*1$
-42992486	P	$-9^8-7^*(-6^5+4-32)-1$	-43000035	G	$-9^8+7+(6^5+4)^3*2-1$
-42992514	P	$-9^8-7^*(-6^5-4^3/2)-1$	-43000055	G	$-9^8+(-7+(6^5+4)^3)^2*1$
-42992540	P	$-9^8-7^*(-6^5-4^3+2)+1$	-43000059	G	$-9^8+7+6^5(5+4-3)-2+1$
-42992541	P	$-9^8-7^*(-6^5-4^3+2)^*1$	-43000061	G	$-9^8+7+6^5(5+4-3)-2-1$
-42992577	P	$-9^8-7^*(-6^5-(43-2))-1$	-43000069	P	$-(9^8+7)+6^5(5+4-3)+2+1$
-42992590	G	$-9^8-7^*(-6^5+43)^*(2-1)$	-43000071	P	$-(9^8+7)+6^5(5+4-3)+2-1$
-42992605	P	$-9^8-7^*(-6^5-(43+2))-1$	-43000073	P	$-(9^8+7)+6^5(5+4-3)-2+1$
-42992632	P	$-9^8-7^*(-6^5-(-(4+3)^2)^*1)$	-43000075	P	$-(9^8+7)+6^5(5+4-3)-2-1$
-42992716	P	$-9^8-7^*(-(6^5-4^3+2)-1)$	-43000082	G	$-9^8+(-7+6^5+4)^3*2+1$
-42992736	P	$-9^8-7^*(-6^5-4^3)+2-1$	-43000097	G	$-9^8-(7+(-6^5+4)^3)^2-1$
-42992740	G	$-9^8-(-7^*(6^5-4^3)+2)-1$	-43000104	G	$-9^8+(-7-(-6^5+4)^3)^2-1$
-42992751	P	$-9^8-7^*(-6^5-(4^3+2))^*1$	-43000108	G	$-9^8+(-7+6^5)^*4^3/2-1$
-42992752	P	$-9^8-7^*(-6^5-(4^3+2))-1$	-43000419	P	$-(9^8-76)+(5^4+3)^2+1$
			-43000453	P	$-(9^8-7^*6)+(5^4+3)^2+1$

-43000495	P	$9^8 / (-7-6) + (5 \cdot 43)^2 + 1$	-43008471	G	$-9^8 + 765 \cdot ((4+3)^2 + 1)$
-43000510	P	$-(9^8 + 7 + 6) + (5 \cdot 43)^2 - 1$	-43008654	P	$-9^8 - 7 \cdot (6 + 5432) + 1$
-43000537	G	$-9^8 - 7 \cdot 6 + (5 \cdot 43)^2 + 1$	-43008662	G	$-9^8 + 7 \cdot (6 + 5432 - 1)$
-43000797	P	$-(9^8 - 7654 \cdot 3^2) \cdot 1$	-43008698	P	$-(9^8 - 7) - 6^5 \cdot (-4 - 3^2 - 2) - 1$
-43000905	P	$-9^8 - 7 \cdot (6543 + 2) + 1$	-43008738	G	$-9^8 - 7 \cdot (6 - 5432) + 1$
-43000913	G	$-9^8 + 7 \cdot (6543 + 2 - 1)$	-43008746	P	$-9^8 + 7 \cdot (-6 - 5432) - 1$
-43000918	P	$-(9^8 - 7 \cdot 6543) + 2 \cdot 1$	-43008796	G	$-9^8 + (7 + 6^5) \cdot (4^3 (3+2) + 1)$
-43000933	P	$-9^8 - 7 \cdot (6543 - 2) + 1$	-43008834	P	$-(9^8 - (7 \cdot 6 - 5) \cdot 4^3 (3+2)) - 1$
-43000941	G	$-9^8 + 7 \cdot (6543 - 2 - 1)$	-43009151	G	$-9^8 + (-7 - 6^5 \cdot 4) \cdot (-3^2 - 2 - 1)$
-43001109	G	$-9^8 - 7 \cdot (-6 \cdot 543 \cdot 2 \cdot 1)$	-43009236	G	$-9^8 + 765 / (4+3)^2 \cdot 2 \cdot 1$
-43001116	G	$-9^8 - 7 \cdot (-6 \cdot 543 \cdot 2 + 1)$	-43009411	G	$-9^8 + 7 \cdot ((6^5 + 43)^2 + 1)$
-43001469	G	$-9^8 + (7+6) \cdot (5 - 4^3)^2 - 2 - 1$	-43009418	G	$-9^8 + 7 \cdot (6^5 + 43)^2 \cdot 1$
-43001481	G	$-9^8 + (7+6) \cdot ((5 - 4^3)^2 - 1)$	-43009419	G	$-9^8 + 7 \cdot (6^5 + 43)^2 - 1$
-43001577	P	$-9^8 - 76 \cdot (-5^4 - 32) - 1$	-43009785	G	$-9^8 + 76 \cdot 54 / (3^2 - 2 \cdot 1)$
-43001672	P	$-(9^8 + 7 + (-6 - 5) \cdot 4^3 (3^2)) \cdot 1$	-43009861	G	$-9^8 - 76 \cdot (-54 / 3^2 - 2 + 1)$
-43002199	G	$-9^8 + (7 - 654 / 3)^2 + 1$	-43010433	G	$-9^8 + 7 \cdot (65 + 4 + 3)^2 \cdot 1$
-43002551	G	$-9^8 - 7 \cdot (-6 - 5^4) \cdot (3^2 + 1)$	-43010622	G	$-9^8 + (7 - (-65 + 4) \cdot 3)^2 - 1$
-43002629	P	$-(9^8 + 7) + (6^5 \cdot (4+3))^2 - 1$	-43010781	G	$-9^8 + (7 + 6 + 5^4)^3 + 2 + 1$
-43002817	G	$-9^8 + (7 / (-6 + 5)) \cdot (-4)^3 \cdot 2 \cdot 1$	-43010783	G	$-9^8 + (7 + 6 + 5^4)^3 + 2 - 1$
-43002818	G	$-9^8 + (7 / (-6 + 5)) \cdot (-4)^3 \cdot 2 - 1$	-43011000	P	$-(9^8 - (7 / 6^5 \cdot 54 \cdot 3)^2) \cdot 1$
-43003503	G	$-9^8 - 7 \cdot 6 \cdot (5 + 4^3 (3 + 2 \cdot 1))$	-43011554	G	$-9^8 + (7 + (6 + 5^4)^3) \cdot 2 + 1$
-43003504	G	$-9^8 - 7 \cdot 6 \cdot (5 + 4^3 (3 + 2)) - 1$	-43011561	G	$-9^8 + 7 + (6 + 5^4)^3 \cdot 2 + 1$
-43003510	G	$-9^8 - 7 \cdot (-6 \cdot (5 + 4^3 (3 + 2)) + 1)$	-43011563	G	$-9^8 + 7 + (6 + 5^4)^3 \cdot 2 - 1$
-43003844	G	$-9^8 + (7 \cdot (6 - (5 - 4)))^3 + 2 \cdot 1$	-43011575	P	$-(9^8 + 7) + (6 + 5^4)^3 \cdot 2 + 1$
-43003878	P	$-(9^8 + 7) + ((-65 - 4) \cdot 3)^2 + 1$	-43011577	P	$-(9^8 + 7) + (6 + 5^4)^3 \cdot 2 - 1$
-43003924	G	$-9^8 - 7 \cdot 6 \cdot (5 - 4^3 (3 + 2)) - 1$	-43011584	G	$-9^8 - (7 + (-6^5 + 4)^3) \cdot 2 - 1$
-43003930	G	$-9^8 - 7 \cdot (6 \cdot (5 - 4^3 (3 + 2)) + 1)$	-43011730	G	$-9^8 - (-76 - 5) \cdot 432 - 1$
-43004134	G	$-9^8 + 7 \cdot ((-6 - 5^4) \cdot 3)^2 - 1$	-43011736	P	$-9^8 - 7 - 6^5 \cdot (-4 + 3 / 2 - 1)$
-43004193	G	$-9^8 + (-7 + 6^5) \cdot 43^2 + 1$	-43011753	G	$-9^8 + (7 - (-6 - 54) \cdot 3)^2 - 1$
-43004217	G	$-9^8 + (-7 + 6^5) \cdot (43^2 - 2 - 1)$	-43012057	G	$-9^8 - 7 \cdot (-6 + 5^4) \cdot (-3^2 + 2 + 1)$
-43004485	G	$-9^8 + (7 + 6) / (54 + 3)^2 - 2 - 1$	-43012168	P	$-(9^8 + 7) + 6^5 \cdot 4^3 \cdot (3^2 - 2 + 1)$
-43004497	G	$-9^8 + (7 + 6) \cdot ((54 + 3)^2 - 1)$	-43012295	P	$-9^8 - 765 \cdot (-43 + 2) + 1$
-43005231	P	$-9^8 - 7 \cdot (6^5 - 43^2) + 1$	-43012895	P	$-9^8 + (-7 - 6) \cdot (-54 - 3)^2 - 2 - 1$
-43005249	G	$-9^8 + (7 - (6 - 5))^4 \cdot (32 \cdot 1)$	-43012963	G	$-9^8 + 7 - 6 / 5^4 - 4 \cdot 3^2 + 2 + 1$
-43005300	P	$-9^8 - 76 \cdot (543 + 2) + 1$	-43012964	G	$-9^8 + 7 - 6 / 5^4 - 4 \cdot 3^2 \cdot 1$
-43005377	G	$-9^8 + 76 \cdot (543 + 2 - 1)$	-43013061	G	$-9^8 + 765 \cdot (43 + 2 - 1)$
-43005451	P	$-(9^8 - 76 \cdot 543) + 2 \cdot 1$	-43013100	P	$-9^8 + (7^4 - (-6 + 5) + 4) \cdot 3)^2 + 2 + 1$
-43005519	G	$-9^8 - 7 \cdot 654 \cdot (3^2 \cdot 1)$	-43013112	P	$-9^8 - (-7^4 - (-6 + 5) + 4) \cdot 3)^2 + 2 + 1$
-43005604	P	$-9^8 - 76 \cdot (543 - 2) + 1$	-43013226	P	$-(9^8 - 7) + ((-65 + 4) \cdot 3)^2 - 2 - 1$
-43005681	G	$-9^8 + 76 \cdot (543 - 2 - 1)$	-43013233	G	$-9^8 + ((-76 + 5^4) / 3)^2 - 2 - 1$
-43005911	G	$-9^8 - 7 \cdot (6^5 / -4 \cdot 3 + 2) \cdot 1$	-43013436	P	$-(9^8 + 7 \cdot (6 - (-5 - 4^3)^2)) \cdot 1$
-43005918	G	$-9^8 + (7 + 6 - 5 \cdot 43)^2 - 2 - 1$	-43013456	G	$-9^8 - 7 \cdot (-6 - 5) \cdot 432 + 1$
-43006096	P	$-(9^8 - (7 + 6) \cdot 5^4 - (4 - (3^2))) \cdot 1$	-43013464	G	$-9^8 - 7 \cdot ((-6 - 5) \cdot 432 + 1)$
-43006097	P	$-(9^8 - (7 + 6) \cdot 5^4 - (4 - (3^2))) - 1$	-43013508	P	$-9^8 - 76 \cdot (-5 + 432) + 1$
-43006109	G	$-9^8 + (-7 - 6) \cdot (-5^4 (4 + 3 - 2) + 1)$	-43013585	G	$-9^8 + 76 \cdot (5 + 432 - 1)$
-43006321	G	$-9^8 + ((-7 - 6 - 54) \cdot 3)^2 - 2 - 1$	-43013824	P	$-(9^8 - 765 \cdot 43) + 2 \cdot 1$
-43006441	G	$-9^8 + 76 \cdot ((5^4 + 3)^2 + 1)$	-43013952	P	$-(9^8 - ((7 + (6 - 5))^4)^3 - 2) - 1$
-43006517	G	$-9^8 + 76 \cdot (5^4 + 3)^2 \cdot 1$	-43013960	G	$-9^8 + ((-7 - 6^5) / 43)^2 \cdot 1$
-43006518	G	$-9^8 + 76 \cdot (5^4 + 3)^2 - 1$	-43014041	G	$-9^8 - 76 \cdot 5 \cdot (-43 \cdot 2 \cdot 1)$
-43006722	G	$-9^8 + (7 + (-65 - 4) \cdot 3)^2 - 2 - 1$	-43014117	G	$-9^8 - 76 \cdot (-5 \cdot 43^2 + 1)$
-43007304	P	$-9^8 - 7 \cdot (6 - 5^4 / -3^2 - 2) \cdot 1$	-43014121	G	$-9^8 + 7 + 6^5 \cdot 432 + 1$
-43007305	P	$-9^8 - 7 \cdot (6 - 5^4 / -3^2 - 2) - 1$	-43014135	P	$-(9^8 + 7) + 6^5 \cdot 432 + 1$
-43007353	G	$-9^8 + 7 \cdot ((6 - (-5 - 4^3))^2 - 1)$	-43014268	G	$-9^8 - 76 \cdot (5 - 432) + 1$
-43007363	P	$-(9^8 - 8^7 + 6 + 54 - 3)^2 + 2 + 1$	-43014327	P	$-(9^8 + 7) + ((-6 - 54) \cdot 3)^2 + 2 + 1$
-43007388	G	$-9^8 - 7 \cdot (6 - 5^4 / 3^2 - 2) \cdot 1$	-43014345	P	$-9^8 + 76 \cdot (-5 - 432) - 1$
-43007422	P	$-(9^8 + 7) + (6^5 + 4)^3 + 2 \cdot 1$	-43014675	G	$-9^8 - 7 \cdot 654 \cdot (3^2 + 1)$
-43007504	G	$-9^8 + (7^6 + 5) / (4 - (3 - 2)) - 1$	-43015355	P	$-9^8 - 765 \cdot (-43 - 2) + 1$
-43007591	G	$-9^8 - 7 \cdot (-65 \cdot 43 \cdot 2 \cdot 1)$	-43015556	G	$-9^8 - (-7 - 6^5) \cdot 4 + 32 + 1$
-43007598	G	$-9^8 - 7 \cdot (-65 \cdot 43 \cdot 2 + 1)$	-43015579	P	$-(9^8 - 7 - 6^5 \cdot 4 - 32) - 1$
-43007653	G	$-9^8 - (-7 - (6 + 5^4 (4 + 3))) / 2 - 1$	-43015583	P	$-(9^8 - (7 + 6^5) \cdot 4 - 3 - 2) + 1$
-43007666	G	$-9^8 + (-7 - (6 - 5^4 (4 + 3))) / 2 - 1$	-43015588	P	$-(9^8 - (7 + 6^5) \cdot 4 - (3 - 2)) \cdot 1$
-43007787	P	$-9^8 + (-7 - (6^5 + 4)) \cdot (-3 + 2) - 1$	-43015591	P	$-(9^8 + 7 - 6^5 \cdot 4) + 32 + 1$
-43007804	G	$-9^8 + 7^6 - 54^3 / (2 \cdot 1)$	-43015593	P	$-(9^8 + 7 - 6^5 \cdot 4) + 32 - 1$
-43007827	P	$-9^8 + (-7 - 6^5 + 4) \cdot (-3 + 2) - 1$	-43015608	G	$-9^8 - 7 + (6^5 + 4) \cdot (3 + 2 - 1)$
-43007833	P	$-(9^8 - 7) + 6^5 \cdot (4 + 3 - 2) + 1$	-43015618	P	$-(9^8 + 7 - 6^5 \cdot 4 - 3^2) \cdot 1$
-43007848	P	$-9^8 - 7 - 6^5 \cdot (-4 + 3 - 2) \cdot 1$	-43015628	P	$-(9^8 + 7 - 6^5 \cdot 4 + 3) - 2 + 1$
-43007857	G	$-9^8 + (-7 + 6^5 + 4) \cdot (3 + 2) - 1$	-43015637	G	$-9^8 + (-7 + 6^5) \cdot 4 + 3^2 - 1$
-43007897	G	$-9^8 + (-7 - (6^5 + 4)) \cdot (3 + 2) - 1$	-43015643	P	$-(9^8 - 7 - 6^5 \cdot 4) - 32 - 1$
-43008304	G	$-9^8 - 7 \cdot (6 - 5^4)^3 + 2 + 1$	-43015648	G	$-9^8 + (-7 + 6^5) \cdot 4 - 3^2 (2 - 1)$
-43008450	P	$-9^8 - 7654 \cdot (-3 + 2) + 1$	-43015651	P	$-(9^8 + ((7 - 6^5) \cdot 4 + 3 + 2)) - 1$

-43015655	P	$-(9^8+7-6^5 \cdot 4) - 32 + 1$	-43019260	G	$-9^8 - 7^* (-654 \cdot 3^2 + 1)$
-43015657	P	$-(9^8+7-6^5 \cdot 4) - 32 - 1$	-43019274	G	$-9^8 - 7^* ((-6^5 - 4^3)/2 - 1)$
-43015746	G	$-9^8 + (7 + (-65 + 4) \cdot 3)^2 - 1$	-43019282	G	$-9^8 - 7^* (-6^5 - 4^3)/2 - 1$
-43015964	G	$-9^8 + 7 - 6^* - 5^* (4^{\wedge}(3+2) + 1)$	-43019456	G	$-9^8 - 7^* ((-6^5 - 4^3)/2 - 1)$
-43015978	P	$-(9^8+7)+6^*5^*(4^{\wedge}(3+2)+1)$	-43019464	G	$-9^8 + 7^* (6^5/4 + 3)^2 - 1$
-43015994	G	$-9^8 + 7 - 6^* (-5^4 \wedge (3+2)^* 1)$	-43019491	G	$-9^8 - 7^* (6^5 + 4)^* (-3/2 + 1)$
-43016008	P	$-(9^8+7)+6^*5^*(4^{\wedge}(3+2)^* 1)$	-43019498	P	$-(9^8-7)+6^5 \cdot (4+3)/2^* 1$
-43016020	P	$-9^8 - 7^* 6^* - ((5+4)^{\wedge} 3 + 2) - 1$	-43019503	G	$-9^8 + (7^* 6^5 + 4)^* (3/2 - 1)$
-43016050	G	$-9^8 - (-76 + 5)^* 432 - 1$	-43019504	G	$-9^8 - 7^* 6^5 / (4 - 3^2) + 1$
-43016090	P	$-9^8 - 7^* - (6^* (5+4)^{\wedge} 3 + 2) - 1$	-43019506	G	$-9^8 - 7^* 6^5 / (4 - 3^2) - 1$
-43016097	G	$-9^8 + (7 + 6 + 54^3)^2 - 1$	-43019512	G	$-9^8 - (7^* 6^5 / -4 + 3)^2 - 1$
-43016117	P	$-9^8 - 7^* (6^* - (5+4)^{\wedge} 3 + 2)^* 1$	-43019540	G	$-9^8 - 7^* ((-6^5 + 4^3)/2 - 1)$
-43016121	G	$-9^8 + 765^* (43 - 2 - 1)$	-43019548	G	$-9^8 - 7^* (6^5 / -4 + 3)^2 - 1$
-43016187	P	$-9^8 - 7^* 6^* (- (5+4)^{\wedge} 3 + 2)^* 1$	-43019722	G	$-9^8 - 7^* ((-6^5 + 4^3)/2 - 1)$
-43016188	P	$-9^8 - 7^* 6^* (- (5+4)^{\wedge} 3 + 2) - 1$	-43019730	G	$-9^8 - 7^* (-6^5 + 4^3)/2 - 1$
-43016194	P	$-9^8 - 7^* (6^* (- (5+4)^{\wedge} 3 + 2) + 1)$	-43019834	G	$-9^8 - 7^* (6^* 5^* - 4^* 32 - 1)$
-43016228	G	$-9^8 + 7^* (65 + 4 - 3)^2 + 1$	-43019841	G	$-9^8 - 7^* (6^* 5^* - 4^* 32^* 1)$
-43016480	P	$-9^8 - 7^* 6^* 5^* - (4^3)^2 + 1$	-43019946	G	$-9^8 + 765^* (4 + 32 - 1)$
-43016691	P	$-9^8 - 7^* 65^* - (4^{\wedge} 3 + 2)^* 1$	-43020086	G	$-9^8 - 7^* (-6^* (5^4 + 3^2) - 1)$
-43016770	G	$-9^8 + (7 + 6) / (5 + 43)^{\wedge} - 2 - 1$	-43020092	G	$-9^8 - 7^* - 6^* (5^4 + 3^2) + 1$
-43016782	G	$-9^8 + (7 + 6)^* ((5 + 43)^{\wedge} 2 - 1)$	-43020093	G	$-9^8 - 7^* - 6^* (5^4 + 3^2)^* 1$
-43016791	G	$-9^8 + (7^* 6 - 5^* 43)^2 + 1$	-43020135	G	$-9^8 - 7^* - 6^* (5^4 + 3^2 - 1)$
-43016793	G	$-9^8 + (7^* 6 - 5^* 43)^2 - 1$	-43020152	G	$-9^8 + (7 - 6 + 54^3)^{\wedge} (2^* 1)$
-43017138	G	$-9^8 + ((7 - 6 - 5)^* 43)^2 - 1$	-43020219	G	$-9^8 - 7^* - 6^* (5^4 + 3 + 2 + 1)$
-43017146	G	$-9^8 + 7^* ((6 - 5 + 4^3)^2 + 1)$	-43020220	G	$-9^8 - 7^* - 6^* (5^4 + 3^2) - 1$
-43017153	G	$-9^8 + 7^* ((6 - 5 + 4^3)^2 - 1)$	-43020226	G	$-9^8 - 7^* (-6^* (5^4 + 3^2) + 1)$
-43017446	G	$-9^8 - (7 - (6 + 5)^4 - 3)^2 + 1$	-43020240	G	$-9^8 - 7^* (-6^* 5^4 - (32 + 1))$
-43017453	P	$-9^8 + 7 + (- (6 + 5)^4 + 3)^2 - 1$	-43020260	G	$-9^8 - 7^* - 6^* (5^4 + 3 + 2) + 1$
-43017459	P	$-9^8 + (- (7 - (6 + 5)^4) - 3)^2 + 1$	-43020330	P	$-9^8 - 7^* - (6^* (5^4 + 3) + 2) + 1$
-43017593	P	$-9^8 - 7^* - (65 + 4^{\wedge} (3^2)) + 1$	-43020338	G	$-9^8 - 7^* (-6^* (5^4 + 3) - 2 + 1)$
-43017594	P	$-9^8 - 7^* - (65 + 4^{\wedge} (3^2))^* 1$	-43020342	G	$-9^8 - 7^* - 6^* (5^4 + 3) + 2 + 1$
-43017615	P	$-9^8 - 7^* (65/4^{\wedge} - 3 - 2)^* 1$	-43020346	P	$-9^8 - (7^* 6^* - (5^4 + 3 + 2) + 1)$
-43017622	G	$-9^8 - 7^* (-65^* 4^3 + 2 + 1)$	-43020358	G	$-9^8 - 7^* (-6^* (5^4 + 3) + 2) + 1$
-43017839	G	$-9^8 - 7^* (-6^* 5 - 4^{\wedge} (3^2))^* 1$	-43020366	G	$-9^8 - 7^* - 6^* (5^4 + 3/2 + 1)$
-43017971	P	$-9^8 - 7^* - (6 + 5 + 4^{\wedge} (3^2)) + 1$	-43020400	P	$-(9^8 - 76) + (54^3)^2 + 1$
-43017972	P	$-9^8 - 7^* - (6 + 5 + 4^{\wedge} (3^2))^* 1$	-43020408	P	$-9^8 - 7^* 6^* - (5^4 + 3/2)^* 1$
-43018041	P	$-9^8 - 7^* - (6 - (5 - 4^{\wedge} (3^2))) + 1$	-43020429	G	$-9^8 - 7^* (-6^* 5^4 - 3^2)^* 1$
-43018042	P	$-9^8 - 7^* - (6 - (5 - 4^{\wedge} (3^2)))^* 1$	-43020434	P	$-(9^8 - 7^* 6) + (54^3)^2 + 1$
-43018049	G	$-9^8 - 7^* (6 - 5 - 4^{\wedge} (3^2) - 1)$	-43020436	P	$-(9^8 - 7^* 6) + (54^3)^2 - 1$
-43018055	G	$-9^8 - 7^* (6 - (5 + 4^{\wedge} (3^2))) + 1$	-43020447	G	$-9^8 - 7^* (-6^* 5^4 - 3) + 2 + 1$
-43018125	G	$-9^8 - 7^* (6 + 5 - 4^{\wedge} (3^2)) + 1$	-43020453	G	$-9^8 - 7^* (-6/5^{\wedge} - 4 - 3) - 2 - 1$
-43018126	P	$-9^8 - 7^* (6 + 5 - 4^{\wedge} (-3^2)^* 1)$	-43020464	G	$-9^8 + 7 + 6 + (-54^3)^{\wedge} (2^* 1)$
-43018149	G	$-9^8 + 7 + 6^* (5 + 4^3)^2 - 1$	-43020468	P	$(9^8 - (7^* 6/5^{\wedge} - 4 + 3)) / (- (2 - 1))$
-43018156	P	$-(9^8+7)+6^*(5+4^3)^2+1$	-43020476	P	$-((-9^8+7)+6)+(-54^3)^{\wedge}(2^* 1)$
-43018163	P	$-(9^8+7)+6^*(5+4^3)^2-1$	-43020478	P	$-(9^8+7)+6+(54^3)^{\wedge}(2^* 1)$
-43018216	P	$-9^8 - 7 - 6^5 - (4 - 3^{\wedge} - (2 - 1))$	-43020489	P	$-(9^8 + 7 + 6) + (54^3)^2 + 1$
-43018252	G	$-9^8 - 7^* (6^* 5 - 4^{\wedge} (3^2) - 1)$	-43020491	P	$-(9^8 + 7 + 6) + (54^3)^2 - 1$
-43018259	P	$-9^8 - 7^* (-6^* 5 + 4^{\wedge} (3^2))^* 1$	-43020492	P	$(9^8 - 7^* (6^* 5^4 - 3)) / (- (2 - 1))$
-43018633	G	$-9^8 + 7 + 65^* 432 + 1$	-43020493	G	$-9^8 - 7^* (-6^* 5^4 + 3) - 2 + 1$
-43018647	P	$-(9^8+7)+65^* 432+1$	-43020495	G	$-9^8 - 7^* (-6^* 5^4 + 3) - 2 - 1$
-43018654	G	$-9^8 + (-7 - 6)^* (-5^* 432 + 1)$	-43020506	G	$-9^8 - 7^* (-6^* 5^4 + 3 + 2^* 1)$
-43018680	P	$-9^8 - 7^* - (6 + (5^* 4)^{\wedge} 3/2) - 1$	-43020513	G	$-9^8 - 7^* (-6^* 5^4 + 3^2)^* 1$
-43018693	G	$-9^8 - 7^* ((-6 + (-5^* 4)^{\wedge} 3)/2 - 1)$	-43020514	G	$-9^8 - 7^* (-6^* 5^4 + 3^2) - 1$
-43018735	G	$-9^8 - 7^* ((6 - (5^* 4)^{\wedge} 3)/2 - 1)$	-43020518	G	$-9^8 - 7^* 6 + (54^3)^2 + 1$
-43018763	G	$-9^8 - 7^* (6 - (5^* 4)^{\wedge} 3/2^* 1)$	-43020534	P	$-9^8 - 7^* 6^* - (5^4 - 3/2)^* 1$
-43018764	G	$-9^8 - 7^* (6 - (5^* 4)^{\wedge} 3/2) - 1$	-43020582	P	$-9^8 - 7^* - (-6^* (-5^4 + 3) + 2) + 1$
-43018831	G	$-9^8 + (-7^* 6^5 + 43)^2 + 1$	-43020594	G	$-9^8 - 7^* 6^* (-5^4 + 3) + 2 + 1$
-43018833	G	$-9^8 + (-7^* 6^5 + 43)^2 - 1$	-43020598	G	$-9^8 - (7^* 6^* (-5^4 + 3) + 2) + 1$
-43018937	G	$-9^8 + 7^* (6 + 54 + 3)^2 + 1$	-43020610	G	$-9^8 - 7^* (6^* (-5^4 + 3) + 2)^* 1$
-43018945	G	$-9^8 + 7^* ((6 + 54 + 3)^2 - 1)$	-43020611	G	$-9^8 - 7^* (6^* (-5^4 + 3) + 2)^* 1$
-43019018	P	$-(9^8-76^*(5+4)^3/2)+1$	-43020680	G	$-9^8 - 7^* - 6^* (5^4 - (3 + 2)) + 1$
-43019019	P	$-(9^8-76^*(5+4)^3/2)^* 1$	-43020695	P	$-(9^8-7^*(6/5^{\wedge}-4-32))^* 1$
-43019072	P	$-9^8 + (- (7 + 6 - 5)^4)^3 + 2 + 1$	-43020723	G	$-9^8 - 7^* - 6^* (5^4 - 3^2)^* 1$
-43019080	P	$-(9^8+7)-6^5 \cdot 4^*(-3^{\wedge} - 2 + 1)$	-43020724	G	$-9^8 - 7^* - 6^* (5^4 - 3^2) - 1$
-43019095	P	$-9^8 - 76^* (- (5 + 4)^3/2 + 1)$	-43020730	G	$-9^8 - 7^* (-6^* (5^4 - 3^2) + 1)$
-43019127	P	$-9^8 - 7^* 6^* - (5^4 + 32)^* 1$	-43020800	G	$-9^8 + (7 - 6 - 54^3)^{\wedge} (2^* 1)$
-43019128	P	$-9^8 - 7^* 6^* - (5^4 + 32) - 1$	-43020842	G	$-9^8 - 7^* (-6^* (5^4 - 3^2) - 1)$
-43019134	G	$-9^8 - 7^* (-6^* (5^4 + 32) + 1)$	-43020848	G	$-9^8 - 7^* - 6^* (5^4 - 3^2) + 1$
-43019181	G	$-9^8 + 765^* (4 + 32^* 1)$	-43020849	G	$-9^8 - 7^* - 6^* (5^4 - 3^2)^* 1$
-43019253	G	$-9^8 - 7^* (-654^* 3^2^* 1)$	-43020961	P	$-(9^8-7^*(6^5-4^{\wedge}(3^2)))^* 1$

-43020968	P	$-9^8-7^*(-(6^5-4^*(3^2)))+1$	-43024764	G	$-9^8+(-7+(6+5)^4*3)/2-1$
-43021441	G	$-9^8+((7-6-54)*3)^2-1$	-43024767	G	$-9^8-(7/(-6+5)^4)^3+2^*1$
-43021486	P	$-9^8-7^*(-(6+(5*4*3)^2)+1)$	-43024770	G	$-9^8-(7-(6+5)^4)*3/(2^*1)$
-43021570	G	$-9^8-7^*(6-(5^4*3)^2+1)$	-43024805	P	$-9^8-7^*(6+5^4(4+3-2))-1$
-43021666	G	$-9^8+(-7+65)^4*32-1$	-43024832	G	$-9^8-76^*(-5-4)^3*2+1$
-43021717	G	$-9^8-76^*(-5^4(4^3+2)+1)$	-43024853	G	$-9^8+7^*((6-5+4)^(3+2))-1$
-43021814	P	$-9^8-7^*6^*(-5^4-32)+1$	-43024881	G	$-9^8-7^*(6-5^4(4+3-2))-1$
-43021822	G	$-9^8-7^*(6^*(-5^4+32)+1)$	-43024889	G	$-9^8-7^*(6-5^4(4+3-2))-1$
-43022108	P	$-9^8+7-6^*(-(5+4^*(3^2)))*1$	-43025049	G	$-9^8-7^*((-6+5^4)^*(3-2))-1$
-43022114	P	$-9^8+7-6^*(-(5+4^*(3^2))-1)$	-43025112	G	$-9^8+(7/(6-5))^4*3^4(2^*1)$
-43022116	P	$-(9^8+7)-6^*(-(5+4^*(3^2)))-1$	-43025114	P	$-9^8+7-6^*(-(5^4*3)^2+1)$
-43022122	P	$-(9^8+7)-6^*(-(5+4^*(3^2)))*1$	-43025115	P	$-9^8+7-6^*(-(5^4*3)^2-1)$
-43022123	P	$-(9^8+7)-6^*(-(5+4^*(3^2)))-1$	-43025128	P	$-(9^8+7)-6^*(-(5^4*3)^2+1)$
-43022139	P	$-9^8+(-(-7+6)+5)^*(4^*(3^2)+1)$	-43025129	P	$-(9^8+7)-6^*(-(5^4*3)^2-1)$
-43022145	P	$-9^8+(-(-7+6)+5)^*(4^*(3^2)*1)$	-43025134	P	$-(9^8+7)-6^*(-(5^4*3)^2+1)$
-43022168	P	$-9^8+7-6^*(5-4^*(-3^2*1))$	-43025300	G	$-9^8-765^*(4-32)+1$
-43022173	G	$-9^8-76^*(-54^3*2+1)$	-43025301	P	$-9^8+765^*(-(4-32)*1)$
-43022176	P	$-(9^8+7)-6^*(5-4^*(3^2))-1$	-43025424	G	$-9^8+(76-54)^3*2+1$
-43022182	P	$-(9^8+7)-6^*(5-4^*(3^2))*1$	-43025570	G	$-9^8-(-7-654)^3*2-1$
-43022183	P	$-(9^8+7)-6^*(5-4^*(3^2))-1$	-43025695	G	$-9^8+(76+5+4^3)^2+1$
-43022312	P	$-(9^8-7^*(6+(5-4^3)^2))*1$	-43025785	G	$-9^8+7+654^3*2+1$
-43022370	G	$-9^8-(-765+4)^3*2-1$	-43025799	P	$-(9^8+7)+654^3*2+1$
-43022384	G	$-9^8+((-7-6)^*(5+4+3))^2+1$	-43025829	G	$-9^8+7+6^*(5-4^3)^2-1$
-43022396	G	$-9^8-7^*(6-(5-4^3)^2)*1$	-43025836	P	$-(9^8+7)+6^*((5-4^3)^2+1)$
-43022528	G	$-9^8-7^*6^5*4^3*2-1$	-43025843	P	$-(9^8+7)+6^*(5-4^3)^2-1$
-43022529	G	$-9^8-7^*6^5*4^3*2^2-1$	-43025972	G	$-9^8+(7-6^5*4/-3)^2-1$
-43022536	P	$-9^8-7-6^5*-(4+3^2-2)-1$	-43025978	P	$-9^8+7-6^5*-(4/3^2*1)$
-43022553	P	$-(9^8-76^*(5/4^3-2))^2*1$	-43025992	P	$-9^8-7+(-(-6+54)^3)^2(2^*1)$
-43022620	P	$-9^8+(-7-6)^*(5+43^2)-1$	-43026000	G	$-9^8-(7-6^5*4/3)^2-1$
-43022714	P	$-9^8+7-6^*(-(5^4)^3/2^*1)$	-43026011	G	$-9^8+76^*(543/2+1)$
-43022727	P	$-(9^8+7)-6^*(5^*-4)^3/2+1$	-43026018	G	$-9^8+(-7+654)^3*2-1$
-43022749	G	$-9^8+(-7-6)^*(5-43^2)*1$	-43026066	P	$-9^8+765^*(-(4-32))-1$
-43022750	G	$-9^8+(-7-6)^*(5-43^2)-1$	-43026087	G	$-9^8+76^*(543/2^*1)$
-43023006	P	$-(9^8-(7^*(65-43))^2)-1$	-43026165	P	$-9^8+76-5^*(-4^*(3^2)*1)$
-43023075	P	$-9^8+7^*((-(-6-5)+4)^3+2+1)$	-43026199	P	$-(9^8-7^*6)-5^*(-4^*(3^2)*1)$
-43023095	G	$-9^8+7^*(6+5+4)^3+2-1$	-43026200	G	$-9^8-76^*54^*(3+2)+1$
-43023168	G	$-9^8+(-7+6^5)^4*(3+2)+1$	-43026204	P	$-(9^8-7^*6)-5^*(-4^*(3^2)+1)$
-43023169	P	$-9^8+(-7+6^5)^4*(-3^2+1)$	-43026228	P	$-9^8+7+6-5^*(-4^*(3^2)*1)$
-43023173	G	$-9^8+7^*((65-(4+3))^2)*1$	-43026240	P	$-(9^8+7)+6)-5^*(-4^*(3^2)*1)$
-43023180	G	$-9^8+7^*((65-(4+3))^2-1)$	-43026245	P	$-(9^8+7+6)-5^*(-4^*(3^2)*1)$
-43023193	P	$-(9^8-(7^6-5-4)/(3+2))^2*1$	-43026254	P	$-(9^8+7+6)-5^*(-4^*(3^2)*1)$
-43023237	G	$-9^8-76^*(5^*(-4^3+2)+1)$	-43026259	P	$-(9^8+7+6)-5^*(-4^*(3^2)+1)$
-43023360	P	$(9^8-(7+(6^5+4))^3)/-(2-1)$	-43026277	G	$-9^8-76^*(-54^*(3+2)+1)$
-43023377	P	$-(9^8-7)+(6^5+4)^3*2-1$	-43026283	P	$-(9^8+7^*6)-5^*(-4^*(3^2)*1)$
-43023395	P	$-(9^8-(7+(6^5-4)^3))^2+1$	-43026288	P	$-(9^8+7^*6)-5^*(-4^*(3^2)+1)$
-43023400	G	$-9^8+(-7+6^5+4)^3*2^*1$	-43026309	G	$-9^8-7^*6^*(-54^3*2^*1)$
-43023617	G	$-9^8+(76^*(5-(4+3)))^2*1$	-43026317	P	$-(9^8+76)-5^*(-4^*(3^2)*1)$
-43023618	G	$-9^8+(76^*(5-(4+3)))^2-1$	-43026322	P	$-(9^8+76)-5^*(-4^*(3^2)+1)$
-43023757	P	$-(9^8-7654^3)+2^*1$	-43026374	G	$-9^8+7+(-6-5)/-43^2-1$
-43023830	G	$-9^8-7^*6^*(543+2)+1$	-43026416	G	$-9^8+(7^6+5)^4*32+1$
-43023838	G	$-9^8-7^*(-6^*(543+2)+1)$	-43026417	G	$-9^8+(7^6+5)^4*32^*1$
-43023921	G	$-9^8+(7+(-6+54)^3)^2-1$	-43026521	G	$-9^8+7-(-6-5^4)^3*2+1$
-43023935	G	$-9^8+7^*(6+(5+3)^2)+1$	-43026535	P	$-(9^8+7)-(-6-5^4)^3*2+1$
-43023977	G	$-9^8+7^*(6+54-3)^2+1$	-43026536	P	$-(9^8+7)-(-6-5^4)^3*2^*1$
-43023985	G	$-9^8+7^*((6+54-3)^2-1)$	-43026721	G	$-9^8+((-7+6)^5)^4*(32^*1)$
-43023998	G	$-9^8-7^*6^*(543-2)+1$	-43026919	P	$-(9^8+7)-(-6-5^4)^3*2+1$
-43024006	G	$-9^8-7^*(-6^*(543-2)+1)$	-43027009	G	$-9^8-7^*(-6-5)^4*(3+2-1)$
-43024019	P	$-9^8+7^*(-(6-(5+3)^2)+1)$	-43027035	P	$-(9^8+(7-6^5-4)^3-2)+1$
-43024020	P	$-9^8+7^*(-(6-(5+3)^2)*1)$	-43027037	P	$-(9^8+(7-6^5-4)^3-2)-1$
-43024180	G	$-9^8+(-7-6^5*4)^3*2-1$	-43027211	G	$-9^8-(-7-6^5*4)^3*(3^2+1)$
-43024264	P	$-9^8-7-6^5*-(4-3^2-2)-1$	-43027228	P	$-(9^8+7)+6^*((5+3)^2+1)$
-43024270	G	$-9^8+(-7-6)^*(-54^3*2+1)$	-43027498	P	$-9^8+7^*(-(6-5^4)^3+2)+1$
-43024288	G	$-9^8-(-76-5^4)^3*2+1$	-43027499	P	$-9^8+7^*(-(6-5^4)^3+2)+1$
-43024426	P	$-(9^8-7^*65^*(4+3)^2)*1$	-43027526	P	$-9^8+7^*(-(6-5^4)^3+2)+1$
-43024461	P	$-9^8-7^*6^*(-(5^4+3)^2-1)$	-43027685	P	$-(9^8+7)+(6^*(5^*-4-3))^2-1$
-43024510	P	$-9^8-7^*(6^*(-5^4+3)^2+1)$	-43027754	P	$-9^8+(-7-6)^*(-(5+4)^3*2-1)$
-43024521	G	$-9^8+(-7+6-54^3)^2-1$	-43027937	P	$-9^8+(-7-6^5*4)^3*(3+2)-1$
-43024629	P	$-9^8-7^*((-6-5^4)^3)-(-3-2)-1$	-43027950	G	$-9^8+(7+6)/(5-43)^2-1$
-43024636	P	$-9^8-7^*((-6-5^4)^3)-(-3-2)*1$	-43027953	G	$-9^8+(7-(-6+54)^3)^2-1$
-43024756	G	$-9^8-(-7-(6+5)^4*3)/2^*1$	-43027964	P	$-9^8+7-6^*(-(5^4(4+3-2)*1)$

-43028006	G	$-9^8+(-7-6^*-5^4)*(3+2)^*1$	-43031208	G	$-9^8+(-7+6^5-4^*3)^*2-1$
-43028007	G	$-9^8+(-7-6^*-5^4)*(3+2)^*-1$	-43031217	G	$-9^8-76^*(-5^*(43-2)+1)$
-43028065	G	$-9^8-7^*-65^*(43-2)+1$	-43031225	G	$-9^8-(-7+6^5/4)^*(-3^2+1)$
-43028073	G	$-9^8-7^*(-65^*(43-2)+1)$	-43031240	P	$-(9^8+(-7-6^5+43)^*2)+1$
-43028101	P	$-(9^8-76^*5^*(4+3)^2)^*1$	-43031247	P	$-(9^8-7-(6^5-43)^*2)+1$
-43028177	P	$-9^8-76^*(5^*(-4-3)^2+1)$	-43031259	P	$-9^8+7^*(-(-6-5)^4+3)^2-1$
-43028224	G	$-9^8+(7+65+4^3)^2+1$	-43031262	G	$-9^8-7-(-6^5+43)^*2^*1$
-43028361	G	$-9^8-76^*(-4^*3^*2^*1)$	-43031264	G	$-9^8-7^*(-65-4)^*32+1$
-43028366	G	$-9^8-7^*-6^*(5+432)+1$	-43031272	G	$-9^8-7^*((-65-4)^*32+1)$
-43028471	G	$-9^8+7^*(6+(54-3)^2)+1$	-43031283	G	$-9^8-(-7-(6^5-4^3))^*2^*1$
-43028495	G	$-9^8+(76-5+4^3)^2+1$	-43031284	G	$-9^8-(-7-(6^5-4^3))^*2-1$
-43028497	G	$-9^8+(76-5+4^3)^2-1$	-43031312	G	$-9^8+(-7+6^5-4^*3)^*2-1$
-43028514	G	$-9^8+7^*((6-(54+3))^2)^*1$	-43031344	G	$-9^8+(76+5+43)^2+1$
-43028555	P	$-9^8+7^*(-(6-(54-3))^2)+1$	-43031408	G	$-9^8-(-7654-3)^*2-1$
-43028556	P	$-9^8+7^*(-(6-(54-3))^2)^*1$	-43031420	G	$-9^8-(-7654+3)^*2-1$
-43028570	G	$-9^8+7-6^5*(-4/3-(2-1))$	-43031472	P	$-(9^8)+7^6-(5^*4^3)^{(2^*1)}$
-43028584	P	$-(9^8+7)+6^5*(4/3+(2-1))$	-43031593	G	$-9^8+((-7-6+54)^*3)^2-1$
-43028654	G	$-9^8-7^*(6^5*43^*2-1)$	-43031836	G	$-9^8+(7-65-4^3)^2+1$
-43028661	G	$-9^8-7^*6^*(-5^*43^*2^*1)$	-43031838	G	$-9^8+(7-65-4^3)^2-1$
-43028786	G	$-9^8-7^*6^*(5-432)+1$	-43031929	P	$-(9^8-(7+6-5)^*4^3)^*2^*1$
-43028787	G	$-9^8-7^*6^*(5-432)^*1$	-43032032	G	$-9^8+(7^*65+4)^*32+1$
-43028794	G	$-9^8-7^*(6^*(5-432)+1)$	-43032033	G	$-9^8+(7^*65+4)^*32^*1$
-43029031	G	$-9^8+(76+54+3)^2+1$	-43032067	G	$-9^8+7+(6+5)^4+3^*2^*1$
-43029126	G	$-9^8-76^*(-4^*3^*2+1)$	-43032074	G	$(9^8-7-(6+5)^4)/(-3+2)^*-1$
-43029135	G	$-9^8+7+(6+5^*4)^3+2+1$	-43032080	G	$-9^8+(7^6(6-5)+4)^{(3+2-1)}$
-43029137	G	$-9^8+7+(6+5^*4)^3+2-1$	-43032084	P	$(9^8+7-((6+5)^4+3))^*(-(2-1))$
-43029149	P	$-(9^8+7)+(6+5^*4)^3+2+1$	-43032092	P	$-(9^8+7)+(6+5)^4-3^*2+1$
-43029151	P	$-(9^8+7)+(6+5^*4)^3+2-1$	-43032094	P	$-(9^8+7)+(6+5)^4-3^*2-1$
-43029163	G	$-9^8+(-7-6^5/4)/-3^2-2-1$	-43032154	G	$-9^8-7^*(65/(-4^3-3^*2)^-1)$
-43029289	G	$-9^8+(-7+6^5/4)/3^2-2-1$	-43032161	G	$-9^8-7^*-65^*(4^3/2^*1)$
-43029291	G	$-9^8+7+((-6-5)^*4^*3)^2-1$	-43032288	G	$-9^8-(7^*-65+4)^*32+1$
-43029305	G	$-9^8-7+((-6-5)^*4^*3)^2-1$	-43032314	G	$-9^8+(7/(6-5))^4+3^*2+1$
-43029561	G	$-9^8+(7-6^*(5^*4+3))^2-1$	-43032320	G	$-9^8+(7^*6-54^*3)^2+1$
-43029620	G	$-9^8-76^*-5^*(43+2)+1$	-43032322	G	$-9^8+(7^*6-54^*3)^2-1$
-43029697	G	$-9^8-76^*(-5^*(43+2)+1)$	-43032546	G	$-9^8+7^*((6-(54-3))^2)^*1$
-43029908	G	$-9^8+7^*(6+5+4)+3^*2^*1$	-43032559	G	$-9^8+(7^*(6-(5^*4+3)))^2+1$
-43030550	G	$-9^8+7^*(6+(5+43)^2)+1$	-43032616	G	$-9^8-7^*-65^*(4^3/2-1)$
-43030568	G	$-9^8-(-76+(-5^*4)^3)^*2+1$	-43032854	P	$-9^8-7^*(6^5*-(4^3+2)^-1)$
-43030591	G	$-9^8+(76+54-3)^2+1$	-43032862	P	$-9^8-7^*6^5*-(-4^3+2)^-1$
-43030634	P	$-9^8+7^*(-(6-(5+43))^2)+1$	-43033040	G	$-9^8-76^*-5^*(4+32)+1$
-43030694	G	$-9^8-(-7-6-(5^*4)^3)^*2+1$	-43033051	G	$-9^8-7^*(-6^5/4-3^2)^-1$
-43030695	G	$-9^8-(-7-6-(5^*4)^3)^*2^*1$	-43033056	G	$-9^8-7^*(-65+4)^*32+1$
-43030707	P	$-(9^8-(7+6))+5^*(4^3+2+1)$	-43033057	G	$-9^8-7^*(-65+4)^*32^*1$
-43030720	P	$9^8/-(7-6)+(5^*4)^3+2+1$	-43033072	G	$-9^8-7^*(-6^5/4-3^2)^-1$
-43030733	P	$-(9^8+7+6)+(5^*4)^3+2+1$	-43033077	G	$-9^8-7^*(-6^5/4-(3+2))+1$
-43030736	P	$-(9^8-(7+6^5)^*432)+1$	-43033081	G	$-9^8-7/(-6^5-5^*4)+32^*1$
-43030741	P	$-(9^8+7)-(6-(5^*4)^3)^*2-1$	-43033091	P	$-(9^8-7^*(6^5/4+3))+2-1$
-43030746	G	$-9^8+(-7-6+(5^*4)^3)^*2+1$	-43033095	G	$-9^8-(-7^*(6^5/4+3)+2)^-1$
-43030809	G	$-9^8+(7+6)^*((5^*(4+3))^2)^-1$	-43033106	G	$-9^8+7^*(6^5+4)/(3+2-1)$
-43030845	G	$-9^8+(7^*(6+5+4+3))^2+1$	-43033110	G	$-9^8+(7^*6^5/4+3)^*(2-1)$
-43030872	G	$-9^8+(-76-(-5^*4)^3)^*2+1$	-43033117	P	$-(9^8-7^*6^5/4+3)^-2+1$
-43031027	G	$-9^8-(-7-(6^5+4^3))^*2^*1$	-43033119	P	$-(9^8-7^*6^5/4+3)^-2-1$
-43031028	G	$-9^8-(-7-(6^5+4^3))^*2-1$	-43033133	G	$-9^8-7^*(-6^5/4+3)+2-1$
-43031033	G	$-9^8+7-(-6^5-4^3)^*2+1$	-43033145	P	$-(9^8-7/(6^5-5^*4)+32)^*1$
-43031055	G	$-9^8+(-7+6^5+4^3)^*(2^*1)$	-43033147	G	$-9^8-7^*(-6^5/4+3+2)+1$
-43031069	P	$-(9^8-(7+(6^5+43))^*2)^*1$	-43033148	G	$-9^8-7^*(-6^5/4+3+2)^*1$
-43031077	P	$-(9^8-7-(6^5+43)^*2)^-1$	-43033155	G	$-9^8-7^*(-6^5/4+3^*2)^*1$
-43031095	G	$9^8/(-7+6)+5^*(4^3/2)+1$	-43033156	G	$-9^8-7^*(-6^5/4+3^*2)^-1$
-43031102	G	$-9^8+7+6^*((54-3)^2+1)$	-43033169	G	$-9^8-7^*(-6^5/4+3^2-1)$
-43031116	P	$-(9^8+7)+6^*((54-3)^2+1)$	-43033176	G	$-9^8-7^*(-6^5/4+3^2)^*1$
-43031132	G	$-9^8-(-7-6^5-4^*3)^*2-1$	-43033177	G	$-9^8-7^*(-6^5/4+3^2)^-1$
-43031140	G	$-9^8-76^*-5^*(43-2)+1$	-43033190	G	$-9^8-7^*(6^*(-5^*4^3-2)^-1)$
-43031153	G	$-9^8-(7+(-6^5-4^*3)^*2)^-1$	-43033196	G	$-9^8-7^*6^*(-5^*4^3-2)+1$
-43031154	P	$-(9^8-7)+(6^5+4)/(3/2-1)$	-43033266	P	$-(9^8-7^*(6^5/4^3+2))+1$
-43031164	P	$-(9^8-(7+(6^5-4+3)^*2))^*1$	-43033288	G	$-9^8-7^*((-6-54)^*32+1)$
-43031169	P	$-(9^8+(7-6^5-4-3)^*2)^*1$	-43033295	P	$-9^8-7^*(-6^5*4^3-2)^*1$
-43031186	G	$-9^8+7-(-6^5+4^3)^*2^*1$	-43033296	P	$-9^8-7^*(-6^5*4^3-2)^-1$
-43031187	G	$-9^8+7-(-6^5+4^3)^*2-1$	-43033330	G	$-9^8-7^*(-6^5/4+32-1)$
-43031190	P	$-(9^8+7-(6^5-4-3)^*2)^*1$	-43033338	P	$-9^8-7^*(-6^5/4-32)^-1$
-43031201	G	$-9^8-(7+(-6^5+4^3)^*2)^-1$	-43033344	P	$-(9^8-(7+6)^*(5+4^3(3+2)))^*1$

-43033358	G	$-9^8-7^*(-6*(5^4-3^2)-1)$	-43035968	G	$-9^8+7^*(-6+54)*32+1$
-43033449	G	$-9^8-7^*((-6-5^4)^3-2-1)$	-43035976	P	$-9^8-7^*(-(-6+54)*32+1)$
-43033468	G	$-9^8-7^*(-6-5^4)^3+2^*1$	-43036010	G	$-9^8-765^*(-4-3)^2+1$
-43033470	P	$(9^8-7^*(-6-5^4)^3)/(-2+1)$	-43036080	G	$-9^8-76^5*(4-32)+1$
-43033471	G	$-9^8-7^*(-6-5^4)^3-2+1$	-43036081	G	$-9^8-76^5*(4-32)^*1$
-43033473	G	$-9^8-7^*(-6-5^4)^3-2-1$	-43036113	G	$-9^8+(76-(-5-4)^3)^2-1$
-43033484	G	$-9^8-7^*((-6-5^4)^3+2^*1)$	-43036157	G	$-9^8-76^5*(5-(4^3)^2)^*1$
-43033487	G	$-9^8+(-7-6)^*(5-4^4(3+2)+1)$	-43036232	G	$-9^8-76^5*(-5-4^3)^2+1$
-43033491	G	$-9^8-7^*6^*-5^*(4^3-(2-1))$	-43036281	P	$-9^8+(-7-65)^*(-(4^3)^2-1)$
-43033495	G	$-9^8+(7+65+43)^2+1$	-43036309	G	$-9^8+7+(6^*(5+4^3))^2+1$
-43033568	G	$-9^8-7^*(-6^5-43^2)^*1$	-43036325	P	$-(9^8+7)+(6^*(5+4^3))^2-1$
-43033569	G	$-9^8-7^*(-6^5-43^2)-1$	-43036346	P	$-9^8+7-6^*(-54^32^*1)$
-43033575	G	$-9^8-7^*(6^5-43^2+1)$	-43036426	P	$-9^8+(-76+5)^*(-(4^3)^2-1)$
-43033596	G	$-9^8+7/((-6+5^4-4)/3+2)^*1$	-43036431	G	$-9^8-7^*-6^*(5/(4+3)^{-2^*1})$
-43033622	G	$-9^8-(-7-6543)^2-1$	-43036434	G	$-9^8+(-76-5)^*(-4^32+1)$
-43033627	G	$-9^8+7+6543^2+1$	-43036472	P	$-9^8-7^*(6+(5+4)^3)^2+1$
-43033641	P	$-(9^8+7)+6543^2+1$	-43036481	G	$-9^8+(7+6-5)^4*(3/2+1)$
-43033650	G	$-9^8+(-7+6543)^2-1$	-43036496	P	$-9^8+(-76+5)^*(-(4^3)^2+1)$
-43033700	P	$-9^8-7^*(-(6+5+43^2)+1)$	-43036522	G	$-9^8-7^*((6/-54)^{-3^*2+1})$
-43033713	G	$-9^8+(7-(6+5)^4)^*(3^2-2-1)$	-43036557	G	$-9^8-7^*(6+(5+4)^3)^2+1$
-43033720	P	$-(9^8+7^*(6-5^4)^3)+2^*1$	-43036570	G	$-9^8+7^*(6+(5-43)^2)+1$
-43033724	G	$-9^8+7-6^*-5^*(432+1)$	-43036576	P	$-(9^8+(7-6^54)^32+1)$
-43033736	P	$-9^8-7^*(-(-6+5^4)^3+2)^*1$	-43036598	P	$-(9^8+7^*(6-(5+4)^3)^2)+1$
-43033754	P	$-9^8+7-6^*(-5^432^*1)$	-43036606	G	$-9^8-7^*((6+(-5-4)^3)^2+1)$
-43033770	P	$-9^8-7^*(-(6-(5-43^2))+1)$	-43036654	P	$-9^8+7^*(-(6-(5-43)^2)+1)$
-43033771	P	$-9^8-7^*(-(6-(5-43^2))^*1)$	-43036655	P	$-9^8+7^*(-(6-(5-43)^2)^*1)$
-43033778	P	$-(9^8-7/(6-5)^43^2)^*1$	-43036784	P	$-(9^8+(7-6^5)^432+1)$
-43033785	P	$-9^8-7^*(6-(5+43^4-(-2^*1)))$	-43036921	G	$-9^8+(76+5^4+3)^2-1$
-43033854	G	$-9^8-7^*(6+5-43^2)+1$	-43036966	G	$-9^8+(-7-6^5/4)^*(-3-2)^*1$
-43033855	P	$-9^8-7^*(6+5-43^4-(-2^*1))$	-43036967	G	$-9^8+(-7-6^5/4)^*(-3-2)-1$
-43033980	G	$-9^8-7^*65^*(4-32)+1$	-43036994	G	$-9^8+7-6^5/4^*(3-2)^*1$
-43033981	G	$-9^8-7^*65^*(4-32)^*1$	-43037008	P	$-(9^8+7-6^5/4^*(3+2))^*1$
-43033988	P	$-9^8-7^*(-(6^5+43^2)^*1)$	-43037037	P	$-9^8+(-7+6^5/4)^*(-(3-2)-1)$
-43033989	P	$-9^8-7^*(-(6^5+43^2)-1)$	-43037102	G	$-9^8-7+6^5+43^2+1$
-43034233	P	$-9^8-7^*(65-43^4-(-2^*1))$	-43037103	P	$-(9^8+7)+6^5+43^2(2^*1)$
-43034373	G	$-9^8+7^*((6^5+4^3)^2+1)$	-43037110	G	$-9^8-7^*((6-5^4)^3/2-1)$
-43034431	G	$-9^8+(7+6-5)^4*3+2^*1$	-43037117	G	$-9^8-7^*((6-5^4)^3/2^*1)$
-43034561	P	$-(9^8-76^5(54^3-2))^*1$	-43037166	G	$-9^8-7^*-65^*(4^*(3+2)+1)$
-43034622	G	$-9^8+(7-6^5*4+3)^2-1$	-43037218	G	$-9^8+(7+6)^*(5+4)^3+2^*1$
-43034632	G	$-9^8-7^*(6^*(5-4)^32+1)$	-43037271	P	$-9^8-7^*(6^5*5^*(43+2)^*1)$
-43034688	G	$-9^8-(76^5-5+4)^32+1$	-43037296	G	$-9^8+(-7-6)^*-5^*((4^3)^2+1)$
-43034841	G	$-9^8+(7-6^*(5^4+3))^2-1$	-43037313	G	$-9^8-7^*6^*(-5^*(43+2)+1)$
-43034842	G	$-9^8+7+6^5+4^4(3^2+1)$	-43037354	P	$-9^8+7-65/-4^3)^2-1$
-43034856	P	$-(9^8+7-6^5)+4^4(3+2+1)$	-43037389	G	$-9^8-7/6^5((6-5^4)^3+2)+1$
-43034961	G	$-9^8+7^*(((-6-5)^4+3)^2-1)$	-43037400	P	$-9^8+76-5^*(-43^2+1)$
-43034976	P	$-9^8+(-76-5)^*(-(4^3)^2-1)$	-43037439	P	$-(9^8-7^*6)-5^*(-43^2+1)$
-43035016	G	$-9^8+(-7-6^5/4)^3*2-1$	-43037462	G	$-9^8+7+6-(-5^43^2-1)$
-43035056	P	$-(9^8-7-(6^5-4)^3/2)^*1$	-43037463	P	$-9^8+7+6-5^*(-43^2+1)$
-43035058	P	$-(9^8+7)+(6^5+4)^*(3/2^*1)$	-43037470	P	$-(9^8+7)+6)-5^*(-43^2-1)$
-43035063	G	$-9^8-7+(65+43)^2+1$	-43037481	G	$-9^8-7^*6^5*(-43-2+1)$
-43035065	G	$-9^8-7+(65+43)^2-1$	-43037484	P	$-(9^8+7+6)-5^*(-43^2-1)$
-43035100	G	$-9^8+(-7+6^5/4)^3*2-1$	-43037518	P	$-(9^8+7^*6)-5^*(-43^2+1)$
-43035169	P	$-9^8+76^5-(5-4-3)^*(2^*1)$	-43037522	G	$-9^8-7^*(-654-3)^2+1$
-43035276	G	$-9^8-7^*-654^*(3/2+1)$	-43037530	G	$-9^8-7^*((-654-3)^2+1)$
-43035325	G	$-9^8-7^*(-6^543/2+1)$	-43037552	P	$-(9^8+76-5/43^2)^*1$
-43035381	P	$-9^8-7^*(6^54^*(3+2)^*1)$	-43037557	P	$-(9^8+76)-5^*(-43^2+1)$
-43035448	P	$-(9^8-(7+6^54)^3)+2^*1$	-43037558	G	$-9^8+(7^*654+3)^2+1$
-43035451	P	$-(9^8-(7+6^54)^3+2)+1$	-43037559	G	$-9^8+(7^*654+3)^2+1$
-43035464	P	$-(9^8+7)+(6+5)^4^4(3+2)^*1$	-43037570	G	$-9^8-(7^*-654+3)^2+1$
-43035465	P	$-(9^8+7)+(6+5)^4^4(3+2)-1$	-43037621	G	$-9^8-7^*65^4*(-3-2)^*1$
-43035522	P	$-9^8-7^*(-(6^5*4/3)^2-1)$	-43037664	P	$-9^8-7^*(-(6^5(5-4+3)-2)-1)$
-43035528	P	$-9^8-7^*(-(6^5*4/3)^2+1)$	-43037670	P	$-9^8-7^*(-(6^5*43+2)-1)$
-43035650	P	$-9^8+7-6^*(5-43^4-(-2^*1))$	-43037697	P	$-9^8+(7-6^*(-5^4+3))^2-1$
-43035664	P	$-(9^8+7-6^*(5-43^2))^*1$	-43037733	G	$-9^8-7^*6^*(-5^4+3+2)-1$
-43035695	G	$-9^8+(7^*(-6+5-4)^3)^2+1$	-43037752	G	$-9^8+76^5*(-5+4^3)^2+1$
-43035710	G	$-9^8-7^*(-6-5)^*((4^3)^2-1)$	-43037775	G	$-9^8-7^*6^*(-5^4+3)^2+1$
-43035776	G	$-9^8+76^5(5+4+3)^2+1$	-43037844	G	$-9^8-7^*(-(6-(5^4+3))^2+1)$
-43035794	G	$-9^8-7^*(65^4*3^2-1)$	-43037882	G	$-9^8+(-7^*(-6-5^4+3))^2-1$
-43035801	G	$-9^8-7^*65^*(-4^3*2^*1)$	-43037884	G	$-9^8+(76+54/3)^2+1$
-43035853	G	$-9^8+76^5((5+4+3)^2-1)$	-43037892	P	$-(9^8+7)+(6^5+4^3)^2(2^*1)$

-43037893	G	$-9^8 + (7 * (-6 - 5^4) + 3) * (-2 * 1)$	-43038920	P	$-(9^8 + 7) + 6^5 + 4^3 / 2 * 1$
-43037926	G	$-9^8 + 7 + (6 + 5^4)^3 / 2 * 1$	-43038930	G	$-9^8 + 7 + 6^5 + 4 + 3 + 2 - 1$
-43037936	G	$-9^8 - 7 * ((-6 - 5^4 + 3) * 2 + 1)$	-43038961	P	$-(9^8 + 7 - 6^5 + 4) - 3 * 2 + 1$
-43037959	P	$-(9^8 - (7 + 6 * (5 + 4)^3) * 2) * 1$	-43038974	G	$-9^8 + 7 + 6^5 - 4 * 3^4 (2 * 1)$
-43037966	P	$-9^8 + 7 - 6 * (- (5 + 4)^3 * 2 * 1)$	-43039025	G	$-9^8 + 7 + 6^5 - 43 * 2 - 1$
-43037974	P	$-(9^8 + 7) + 6 * ((5 + 4)^3 * 2 + 1)$	-43039042	G	$-9^8 - 7 * ((-6 - 543) * 2 + 1)$
-43037980	P	$-(9^8 + 7) + 6 * ((5 + 4)^3 * 2 * 1)$	-43039059	G	$-9^8 + 7654 + 3^2 - 1$
-43038012	P	$-9^8 - 7 * (- (6 + 5^4 + 3) * 2 + 1)$	-43039065	G	$-9^8 + (-7 + 65) * 4 * (32 + 1)$
-43038056	P	$-9^8 + 7 + 6 * (- (5 - 43)^2 + 1)$	-43039071	G	$-9^8 - 765 * (-4 * 3 + 2 * 1)$
-43038061	G	$-9^8 - (-7 * (-6 + 5^4) + 3) * 2 * 1$	-43039077	P	$-(9^8 - 7 * (6 + 543 * 2)) * 1$
-43038062	G	$-9^8 - (-7 * (-6 + 5^4) + 3) * 2 - 1$	-43039081	P	$-(9^8 - 7) + 6^5 - (4 * 3)^2 + 1$
-43038073	G	$-9^8 + (76 + 5 + 4^3)^2 - 1$	-43039082	P	$-(9^8 - 7) + 6^5 - (4 * 3)^2 * 1$
-43038096	G	$-9^8 - 7 * (6 - 5^4 + 3) * 2 + 1$	-43039121	G	$-9^8 - 76 * 5 * 4 * (-3 - 2) * 1$
-43038105	G	$-9^8 + 7 * (6 + (5 * (4 + 3))^2) - 1$	-43039153	G	$-9^8 + (7 - 6^5 - 4^3)^2 - 1$
-43038111	P	$-9^8 - 7 * (6 * 5 * (- (43 - 2) * 1))$	-43039162	G	$-9^8 - 7 * (6 - 543 * 2) - 1$
-43038118	P	$-9^8 - 7 * (6 * 5 * (- (43 - 2) + 1))$	-43039172	G	$-9^8 + (7 - 6 * (-5^4 - 3)) * 2 - 1$
-43038188	P	$-9^8 + 7 * (- (6 - (5 * (4 + 3))^2) * 1)$	-43039195	P	$-(9^8 + 7) - 6^5 * (4^4 - 3 * 2 - 1)$
-43038189	P	$-9^8 + 7 * (- (6 - (5 * (4 + 3))^2) - 1)$	-43039202	G	$-9^8 + (-7 - 6 * 5^4 - 3) * -2 - 1$
-43038193	P	$-9^8 + (-7 - 6) * (- (5^4 + 32) + 1)$	-43039210	P	$-9^8 - 7 * (- (6 + 543) * 2 + 1)$
-43038315	G	$-9^8 - (7^6 + 5 + 4) / 2 + 1$	-43039244	G	$-9^8 + (-7 - 6 * (5^4 - 3)) * -2 - 1$
-43038318	G	$-9^8 - (-7^6 (6 - 5 + 4) + 3) / 2 + 1$	-43039272	G	$-9^8 - (7 - 6 * (5^4 - 3)) * 2 - 1$
-43038386	P	$-(9^8 - (7 + 65 / 4^3 - 3) * 2) + 1$	-43039321	G	$-9^8 + (-7 + 6 + 5) * (43^2 + 1)$
-43038394	P	$-9^8 + 7 - 65 * (- (4 * 32 * 1))$	-43039344	G	$-9^8 - 7 * (-6 * 5 - 4^3 (3 + 2)) - 1$
-43038414	G	$-9^8 - (7 - 65 / 4^3 - 3) * 2 + 1$	-43039378	P	$-(9^8 + 7) + 6 * (5 * (4 + 3))^2 * 1$
-43038427	G	$-9^8 + (-7 + 65) * ((4 * 3)^2 - 1)$	-43039404	G	$-9^8 + (7 - (6 + 5)^4) * (-3 / 2 + 1)$
-43038466	P	$-9^8 + (-7 - 6) * (- (5^4 + 3^2) - 1)$	-43039405	P	$-(9^8 + 7) + ((6 + 5)^4 + 3) / 2 + 1$
-43038473	P	$-(9^8 + 7) + 65 * (4^3 * 2 - 1)$	-43039408	P	$-(9^8 + 7) + (- (6 + 5)^4 + 3) / -2 + 1$
-43038505	G	$-9^8 + 7 + 6^5 + 432 + 1$	-43039424	G	$-9^8 - 76 * (-5 - 43) * 2 + 1$
-43038518	P	$-9^8 + (-7 - 6) * (- (5^4 + 3 * 2) * 1)$	-43039469	P	$-9^8 - 7 * (- (6 + 5 + 4^4 - (-3 - 2)) - 1)$
-43038519	P	$-(9^8 + 7) + 6^5 + 432 + 1$	-43039496	G	$-9^8 + (7 - (-6 - 5 * 4)^3) * 2 * 1$
-43038521	P	$-(9^8 + 7) + 6^5 + 432 - 1$	-43039501	G	$-9^8 - 76 * ((-5 - 43) * 2 + 1)$
-43038529	G	$-9^8 + (7 - (6 + 5))^4 * (32 * 1)$	-43039518	G	$-9^8 + 7 / (6 - 5) * 4^3 * (2 - 1)$
-43038530	P	$-9^8 + (-7 - 6) * (- (5^4 - (-3 - 2))) + 1$	-43039552	G	$-9^8 + 7 * (6 + 5 - 43)^2 + 1$
-43038531	P	$-9^8 + (-7 - 6) * (- (5^4 - (-3 - 2))) * 1$	-43039635	P	$-9^8 + (-7 - 6) * (- (543 + 2) + 1)$
-43038551	G	$-9^8 - 76 * 5 * (-43 / 2 * 1)$	-43039660	P	$-(9^8 - (7 + 6) * 543 - 2) * 1$
-43038569	P	$-(9^8 - (7 + 6) * 5^4) + 3^4 (2 + 1)$	-43039662	P	$(9^8 - (7 + 6) * 543) / (-2 - 1)$
-43038582	P	$-9^8 + (-7 - 6) * (- (5^4 + 3 - 2) + 1)$	-43039666	G	$-9^8 + (7 + 65 + 4^3)^2 - 1$
-43038587	P	$-(9^8 - (7 + 6) * 5^4) + 3^2 * 1$	-43039687	P	$-9^8 + (-7 - 6) * (- (543 - 2) + 1)$
-43038588	P	$-(9^8 - (7 + 6) * 5^4) + 3^2 - 1$	-43039711	G	$-9^8 + (-76 - 5^4) * (-3^2 - 1)$
-43038595	G	$(9^8 + (-7 - 6) * 5^4) / (-3 + 2) + 1$	-43039810	P	$-9^8 + (- (7 - 6 - 5) * 4) * 3^2 / 2 - 1$
-43038606	P	$-(9^8 + (-7 - 6) * 5^4) - 3^2 - 1$	-43039826	G	$-9^8 - 7 * (-6 * (54 * 3 + 2) - 1)$
-43038608	P	$-9^8 + (-7 - 6) * (- (5^4 - (3 - 2))) + 1$	-43039831	G	$-9^8 + (7 + 6) * ((5 * 4 + 3)^2 + 1)$
-43038621	G	$-9^8 + (7 * 6 + 5 + 43)^2 * 1$	-43039832	P	$-9^8 - 7 * 6 * (- (54 * 3 + 2) + 1)$
-43038622	G	$-9^8 + (7 * 6 + 5 + 43)^2 - 1$	-43039833	P	$-9^8 - 7 * 6 * (- (54 * 3 + 2) * 1)$
-43038624	P	$-(9^8 + (7 - 65 * 4) * 32) + 1$	-43039836	P	$-(9^8 - 765 * (4 + 3 + 2)) * 1$
-43038627	P	$-(9^8 - (7 + 6) * 5^4 + 32) + 1$	-43039845	G	$-9^8 + (7 + 6) * (5 * 4 + 3)^2 - 1$
-43038633	G	$-9^8 + (-7 - 6) * (- (5^4 + 3) + 2 * 1)$	-43039854	G	$-9^8 - 7 * -654 * (3 / 2 * 1)$
-43038634	G	$-9^8 + (-7 - 6) * (- (5^4 + 3) + 2 - 1)$	-43039871	P	$-(9^8 - (765 - 4) * 3^2) + 1$
-43038637	P	$-(9^8 + (-7 - 6) * (- (5^4 + 3) + 2) * 1)$	-43039924	G	$-9^8 - 7 * (-6^5 * 4 / 32 + 1)$
-43038660	P	$-9^8 + (-7 - 6) * (- (5^4 - 3 - 2) + 1)$	-43039965	G	$-9^8 + 7 + (6 + 5 + 4)^3 * 2 - 1$
-43038675	P	$-9^8 + (-7 - 6) * (- (5^4 - 3 * 2) - 1)$	-43040002	G	$-9^8 - 7 * 6 * (- (54 * 3 + 2) - 1)$
-43038682	G	$-9^8 + 7 + 6^5 + 4^3 (3 + 2 - 1)$	-43040009	P	$-9^8 - 7 * (- (65 + 4^4 - (-3 - 2))) - 1$
-43038700	P	$-9^8 + (-7 - 6) * (- (5^4 - 3^2) - 1)$	-43040128	G	$-9^8 + (7 * 6 * 5 - 4) * 32 + 1$
-43038706	P	$-(9^8) + 7 + 6 + (5^4)^3 + 2 * 1$	-43040162	P	$-9^8 - 7 / (- (6 / (-5^4 - 4 + 3) - 2)) * 1$
-43038709	P	$-(9^8 + 7) + 6^5 * (4^4 - 3^2 + 1)$	-43040172	G	$-9^8 + 7 + 6543 - 2 + 1$
-43038710	P	$-((9^8) - 7 - 6 - (5^4)^3 - 2) * 1$	-43040174	P	$-9^8 + 7 - 654 * (- (3^2 + 1))$
-43038718	P	$-((9^8) - 7) - 6 + (5^4)^3 + 2 * 1$	-43040198	P	$-9^8 + 7 - 6 * (- (543 * 2 * 1))$
-43038732	P	$-(9^8 + 7 + 6 - (5^4)^3) + 2 * 1$	-43040218	P	$-(9^8 + (7 - 6 * 543) * 2) + 1$
-43038800	G	$-9^8 + (-7 * (6 + 5) - 4 * 3)^2 * 1$	-43040240	P	$-9^8 + (- (7 - 6) - 5) * 4 * (3 + 2) + 1$
-43038810	P	$-9^8 + 7 + 6^5 - 4 * (- (32 * 1))$	-43040261	G	$-9^8 + 76 * (5 + 43 - 1)$
-43038811	G	$-9^8 + 7 + 6^5 + 4 * 32 - 1$	-43040322	G	$-9^8 + (7 + 6 * 5 + 43)^2 - 1$
-43038852	G	$-9^8 + 7 + 6^5 + 43 * 2 * 1$	-43040358	G	$-9^8 - 7 * (65 * (-4 - 3) * 2 + 1)$
-43038853	G	$-9^8 + 7 + 6^5 + 43 * 2 - 1$	-43040390	G	$-9^8 + (-7 - 6) * (- (54 * 3^2 + 1))$
-43038871	P	$-(9^8 - 7) + 6^5 + 4^3 + 2 + 1$	-43040402	G	$-9^8 + (-7 - 6) * -54 * 3^2 + 1$
-43038884	P	$-(9^8 - 7) - 6^5 * (- (4 * 3)^4 - 2 - 1)$	-43040412	P	$-(9^8 - (76 + 5^4) * 3^2) * 1$
-43038885	G	$-9^8 - 7 + 6^5 + 4^3 + 2 + 1$	-43040461	G	$-9^8 + (-7 + 6 - 5^4) * (- (3^2 - 1))$
-43038894	G	$-9^8 + 7 + 6^5 + 43 + 2 - 1$	-43040463	G	$-9^8 - 7 * 6 * (-5 - (4 * 3)^2) * 1$
-43038895	G	$-9^8 + 7 + 6^5 + 43^4 (2 - 1)$	-43040464	G	$-9^8 - 7 * 6 * (-5 - (4 * 3)^2) - 1$
-43038908	P	$-(9^8 + 7) + 6^5 + 43 + 2 - 1$	-43040470	G	$-9^8 - 7 * (6 * (-5 - (4 * 3)^2) + 1)$
-43038919	P	$-(9^8 + 7) + 6^5 + 4^3 / 2 + 1$	-43040546	P	$-(9^8 - 7) + 6 * ((5 + 4^4 (3 + 2)) - 1)$

-43040553	P	$-(9^8+7)+6*(5+4^{(3+2)})+1$	-43041638	G	$-9^8-7*(-6-5)*(4^3+2)+1$
-43040565	G	$-9^8-76*(5-43^2*1)$	-43041658	P	$-9^8+7*(-6+(-5-4)^3)+2*1$
-43040569	G	$-9^8+(-765-4)*(-3^2+1)$	-43041659	P	$-9^8+7*(-6+(-5-4)^3)+2-1$
-43040577	G	$-9^8+(7+6-5)^4*(3/2*1)$	-43041660	P	$(9^8+7*(6-(5+4)^3))/-(2-1)$
-43040594	G	$-9^8+(765*4+3)*2+1$	-43041662	G	$-9^8-(7*(6+(-5-4)^3)+2)*1$
-43040595	G	$-9^8+(765*4+3)*2*1$	-43041663	G	$-9^8-(7*(6+(-5-4)^3)+2)-1$
-43040600	P	$-9^8+7-6*(5-4^-(3*2+1))$	-43041675	P	$-(9^8+7*(6-(5+4)^3+2))-1$
-43040601	G	$-9^8+(-7-65)*(-43^2+1)$	-43041764	G	$-9^8-7*-6*(-5+4^3)*2+1$
-43040606	G	$-9^8-(765*-4+3)*2+1$	-43041840	G	$-9^8+(7-(-6-5)^4)/-3+2+1$
-43040633	G	$-9^8+(-765+4)*(-3^2+1)$	-43041918	P	$-9^8-7*(654+32)+1$
-43040636	G	$-9^8+(76-5+4+3)^2+1$	-43041948	G	$-9^8+(-7-6*5)*(-4*32-1)$
-43040638	G	$-9^8+(76-5+4+3)^2-1$	-43041973	P	$-(9^8-7)+(6+5)*(432-1)$
-43040645	P	$-(9^8+7)+((6*5-4)*3)^2-1$	-43042003	G	$-9^8-7*6+(5+4^3)^2-1$
-43040672	G	$-9^8+7*6^5/(4+3+2)+1$	-43042080	P	$-(9^8-7*(654+3^2))*1$
-43040673	G	$-9^8+7*6^5/(4+3+2)*1$	-43042081	P	$-(9^8-7*(654+3^2))-1$
-43040686	G	$-9^8+(-76+5)*(-43^2+1)$	-43042086	G	$-9^8-76*(5-(5+4^2))-1$
-43040704	G	$-9^8-(7*6+5)*-4*32+1$	-43042101	P	$-(9^8-7*(654+3^2))*1$
-43040752	G	$-9^8+(7*6+5)*(4*32-1)$	-43042108	P	$-(9^8-7*(654+3^2))*1$
-43040787	G	$-9^8+7+6^5-43^2(2*1)$	-43042111	P	$-(9^8-7*654)+32*1$
-43040806	G	$-9^8-7*65*(-4-3^2)*1$	-43042113	P	$(9^8-(7+65)*4^3)/-(2-1)$
-43040807	G	$-9^8-7*65*(-4-3^2)-1$	-43042123	P	$-(9^8-7*(654+3))-2+1$
-43040828	P	$-9^8+7-654*(-3^2*1)$	-43042150	P	$-(9^8-7*654)-3^2-1$
-43040829	G	$-9^8+7-654/-3^2-1$	-43042164	P	$(9^8-7*(654-3))/-(2-1)$
-43040835	G	$-9^8+7*(6*5-4+3)^2-1$	-43042171	G	$-9^8-7*65*(-4*3+2)*1$
-43040841	G	$-9^8-7*6*5*(4-32)*1$	-43042199	P	$-(9^8-7*(6+5*4*32))*1$
-43040842	G	$-9^8-7*6*5*(4-32)-1$	-43042211	G	$-9^8+(7*-65+4)*(-3^2-1)$
-43040883	G	$-9^8-7*6*(5-(-4*3)^2(2*1))$	-43042237	P	$-(9^8-76*(54+3+2))*1$
-43040893	G	$-9^8+7*(6*5+5)*4*(32-1)$	-43042245	P	$-(9^8-76*5)+4*(3^2*1)$
-43040897	G	$-9^8-7*(-6-5*4)*(32*1)$	-43042261	P	$-9^8-7*(-6+5^4+3^2)+1$
-43040904	G	$-9^8-7*((-6-5*4)*32+1)$	-43042270	P	$-9^8-7*(-6+5^4+3+2)-1$
-43040918	G	$-9^8-7*(6*(-5-4^3)*2-1)$	-43042282	G	$-9^8-7*(6-5*4^3+2)+1$
-43040924	G	$-9^8+7*-6*(-5-4^3)*2+1$	-43042283	P	$-9^8+7*(6+(5+4^3)^-(-2+1))$
-43040944	G	$-9^8+76*(-5+4^3)*2+1$	-43042311	P	$-(9^8-7*(6+5^4))-3^2-1$
-43040980	G	$-9^8+(-7-(6+5^4))*-3^2-1$	-43042314	G	$-9^8-76*(-5*4^3+2)-1$
-43041039	P	$-9^8+(-7-6)*-(5+432)+1$	-43042318	G	$-9^8-7*(6-(5^4+3^2+1))$
-43041050	P	$-(9^8+7)+(-6-5^4)*-3^2-1$	-43042326	G	$-9^8-7*(6-(5^4+3^2))-1$
-43041088	G	$-9^8+(-7+6-5^4)*-3^2-1$	-43042346	G	$-9^8+7*(6-5+4)^{(3+2-1)}$
-43041095	G	$9^8/(-7+6)+5^4*3^2+1$	-43042357	P	$-(9^8-7)+(65+4-3)^2+1$
-43041103	P	$-(9^8+7)+(6+5+4^3)^2(2*1)$	-43042368	G	$-9^8-7*(6-(5^4+3))-2+1$
-43041124	P	$-9^8+7-65*(-43^2*1)$	-43042370	G	$-9^8-7*(6+(5+4^3))-2-1$
-43041135	P	$-9^8-7*6*(-5+4*32)*1$	-43042380	G	$-9^8-7*(6-5^4)+3^2-1$
-43041144	P	$-(9^8+(7-65*4^3)*2)+1$	-43042390	P	$-(9^8-76*(54+3))-2+1$
-43041158	P	$-(9^8+7)-(6-5^4)*3^2-1$	-43042392	P	$-(9^8-76*(54+3))-2-1$
-43041218	G	$-9^8+(7-(6-5^4)^3)*2+1$	-43042408	P	$-9^8-7-6^5*(-4*3^2-2+1)$
-43041226	P	$-9^8+7+(6-5^4)^3*(2*1)$	-43042415	P	$-(9^8-7*6^5)+4*(3*(2*1))$
-43041240	P	$-9^8-7*(-65*4^3+2)-1$	-43042423	G	$-9^8-7*(6-5^4+3+2)*1$
-43041247	P	$-(9^8-7*6)+5432*1$	-43042430	P	$-9^8+(-7-6)*5*(-4^3+2)+1$
-43041303	P	$-9^8-7*6*(5-4*(-32-1))$	-43042431	P	$-9^8+(-7-6)*5*(-4^3+2)*1$
-43041367	P	$-(9^8-765*(4+3))-2+1$	-43042452	G	$-9^8-7*(6-(5^4-3^2))-1$
-43041369	P	$-(9^8-765*(4+3))-2-1$	-43042489	P	$-9^8+7+65^-(4-3^2)*1$
-43041396	G	$-9^8+(76-54)^3/2+1$	-43042496	G	$-9^8+(-7-6)*(-54*3^2-1)$
-43041397	G	$-9^8+(76-54)^3/2*1$	-43042521	P	$-9^8-7*6^5*4*(-3+2)*1$
-43041400	G	$-9^8-76*5*(-4-3)*2+1$	-43042529	P	$-9^8-7*(-6-(-5^4+32))-1$
-43041433	G	$-9^8+(-7-654)*(-3^2+1)$	-43042535	P	$-(9^8+(-7-6)*(5^4+3+2))*1$
-43041525	P	$-9^8+76-5*(-4^3+2)*1$	-43042544	P	$-(9^8-(76+5))+4*(3*(2*1))$
-43041530	P	$-9^8+76-5*(-4^3+2)-1$	-43042553	P	$-(9^8-(7+65))+4*(3*(2*1))$
-43041536	P	$-(9^8-(76+5)*4^3)+2-1$	-43042555	G	$-9^8+7-(-65*4^3+2-1)$
-43041538	P	$-(9^8-(76+5)*4^3+2)+1$	-43042562	P	$-(9^8+(-7-6)*5^4+3+2)+1$
-43041544	G	$-9^8-7-6^5*(4/3-2^2+1)$	-43042567	P	$-(9^8+7-65*4^3)+2-1$
-43041555	G	$-9^8-7*6*(5-4*32)*1$	-43042569	P	$-(9^8+7-65*4^3)-2+1$
-43041575	G	$-9^8+7*(6+(5+4)^3)+2-1$	-43042578	P	$-(9^8-7*6-5)+4*(3^2*1)$
-43041579	P	$-9^8-(7*(-6+(5+4)^3)+2)-1$	-43042585	P	$-(9^8-76*54)+32*1$
-43041588	P	$-9^8+7+6-5*(-4^3+2)*1$	-43042587	G	$-9^8+(-7-6)*(-5*4^3+2*1)$
-43041589	G	$-9^8-7*(-6+(-5-4)^3+2)+1$	-43042600	G	$-9^8+(-7-6)*(-5*4^3+2+1)$
-43041596	G	$9^8/(-7+6)+5*(4^3+2)+1$	-43042602	P	$-(9^8+7)+6*5+4*(3*(2*1))$
-43041603	G	$-9^8-7*((-6/54)^-3-2)+1$	-43042634	G	$-9^8+(7+6-5)^4-3^2(2*1)$
-43041615	P	$-(9^8-7*(6/54)^-3-2)+1$	-43042655	P	$-9^8-76*(-54/3-2)-1$
-43041618	P	$(9^8-7*(6/54)^-3)/-(2-1)$	-43042678	G	$-9^8+(-7-6)*5*(5*(-4^3+2)-1)$
-43041619	G	$-9^8-7*(6/-54)^-3-2+1$	-43042683	G	$-9^8+7-(65*(-4^3+2)-1)$
-43041630	P	$-9^8-76*(-5-(-4^3+2))-1$	-43042684	P	$-9^8+7-65*(-4^3-(2*1))$

-43042688	G	$-9^8+7/(6+54/3)^{-2}+1$	-43043194	G	$-9^8+(7+65)/(4+3)^{-2}-1$
-43042691	G	$-9^8+(-7-6)^*(5^*(-4^3+2))^*1$	-43043198	P	$-(9^8+76-(5^*4^3)^2)-1$
-43042693	P	$-(9^8-76*(54-(3-2)))^*1$	-43043211	P	$-9^8+(-7-6)^*54^*-(3+2)^*1$
-43042699	G	$-9^8+(7^*6+(5^*4)^3)/2+1$	-43043236	P	$-(9^8-(76+5)^*43-2)^*1$
-43042710	P	$-(9^8-7)+(6+(5^*4)^3)/2+1$	-43043238	P	$(9^8-(76+5)^*43)/(2-1)$
-43042716	P	$-(9^8-7)-(6-(5^*4)^3)/2+1$	-43043249	G	$-9^8+7^*(65+432-1)$
-43042744	P	$-(9^8-7)+(6+54+3)^2+1$	-43043253	P	$-(9^8+7+6)+(5-4^3)^{(2^*1)}$
-43042746	P	$-9^8-7+(6+54+3)^2-1$	-43043256	G	$-9^8-7^*(-6-5)^*(43+2)^*1$
-43042752	G	$-9^8+(76+5)/(4+3)^{-2^*1}$	-43043258	P	$-(9^8-7)+6^5*(4^*3^{-2^*1})$
-43042763	G	$-9^8-7^*6+(5^*4)^3/2^*1$	-43043259	G	$-9^8+7-6^5*4^*3^{-2}-1$
-43042787	P	$-(9^8+7)+6^*(5^4+32)-1$	-43043272	P	$-(9^8+7)+6^5*4^*3^{-2^*1}$
-43042795	G	$-9^8+7+(-6^5-4^3)/-2-1$	-43043273	P	$-(9^8+7)+6^5*4^*3^{-2}-1$
-43042796	P	$-(9^8+76-(5^*4)^3/2)+1$	-43043277	P	$-(9^8-7^*(6-5^*-3^2))^*1$
-43042810	P	$-(9^8+(7-65^*3)^2)+1$	-43043283	G	$-9^8-7^*6+(5-4^3)^2-1$
-43042824	G	$-9^8+7+(6^5+4)^*(3/2-1)$	-43043301	P	$-(9^8-76^*(54-3^2))^*1$
-43042828	P	$-9^8+7+(-6^5+4)^*(-3/2-1)$	-43043313	G	$-9^8+(76-5)^*((4+3)^2-1)$
-43042831	G	$-9^8+(7-6+5)^4*3+2^*1$	-43043332	G	$-9^8+7/(65-43)^{-2}+1$
-43042841	G	$-9^8-(-7+6^5/4+3)^*(-2^*1)$	-43043356	P	$-(9^8+7)+(6+5+4)^3-2-1$
-43042845	P	$(9^8-76^*(54-3))/-(2-1)$	-43043360	G	$-9^8-7^*(6-5^*3^2)+1$
-43042846	P	$-9^8-7+(-6^5/-4+3)^*(-2^*1)$	-43043361	G	$-9^8-7^*(6-5^*3^2)^*1$
-43042852	G	$-9^8+(7+6^5-43)/2-1$	-43043376	P	$-9^8+76^*(-5-(4+3)^2)+1$
-43042857	G	$-9^8-7^*(-65-4)^*(3^2-1)$	-43043377	P	$-9^8+76^*(-5-(4+3)^2)^*1$
-43042864	P	$-(9^8-7^*(6+54+2))^*1$	-43043395	G	$-9^8+76+(54+3)^2+1$
-43042874	P	$-9^8+7-6^*(-5^*4^*32^*1)$	-43043399	P	$-9^8+(-76-5)^*(-(43-2)+1)$
-43042875	P	$-(9^8-7^*(6+543))+2+1$	-43043406	G	$-9^8-765^*(-4/3-2-1)$
-43042881	P	$-(9^8-7^*(6+543))-2-1$	-43043415	P	$-9^8+(-7-65^*)^*(-(3+2)+1)$
-43042888	P	$-(9^8+7)+6^*5^*(4^*32^*1)$	-43043425	G	$-9^8-7^*((-6-5)^*43+2)-1$
-43042895	P	$-9^8-765^*(4+3-2))+1$	-43043426	G	$-9^8+(-76+5^4)^*3^2+1$
-43042896	P	$-(9^8-765^*(4+3-2))^*1$	-43043447	G	$-9^8-(-7-6543)/2-1$
-43042918	P	$-(9^8+7)+6^*5^*(4^*32-1)$	-43043453	G	$-9^8+7+6^*543+2+1$
-43042921	P	$-(9^8-76^*(5+43+2))^*1$	-43043455	G	$-9^8+7+6^*543+2-1$
-43042929	P	$-9^8+7-6^*(-5^4+3^2)-1$	-43043456	G	$-9^8+7-6^*-543^*(2-1)$
-43042933	P	$-9^8+7-6^*(-5^4-(-3-2))+1$	-43043457	G	$-9^8+7+6^*543-2+1$
-43042940	G	$-9^8-7^*(-6-54)^*3^2+1$	-43043459	G	$-9^8+7+6^*543-2-1$
-43042941	G	$-9^8-7^*(6-543-2-1)$	-43043464	P	$-(9^8-7)+(6+54-3)^2+1$
-43042943	P	$-9^8+7-6^*(-5^4+3)+2+1$	-43043466	P	$-(9^8-7)+(6+54-3)^2-1$
-43042945	P	$-(9^8+7-6^*5^4)+32+1$	-43043474	P	$-9^8+7-6^*(-543-(2+1))$
-43042947	P	$-(9^8+7-6^*5^4)+32-1$	-43043480	G	$-9^8-7^*(-6^*5-(432+1))$
-43042955	G	$-9^8-7^*(6-543-2+1)$	-43043513	G	$-9^8-7^*6+(54+3)^2+1$
-43042958	G	$-9^8+7-6^*(-5^4-3-(-2^*1))$	-43043519	G	$-9^8+76+5^4(4+3-2)+1$
-43042959	G	$-9^8-7^*(6-543)+2+1$	-43043521	P	$-(9^8-7^*(65^*(4+3)+2))+1$
-43042960	P	$-(9^8+7)+6/(5^4+3)^{-2}+1$	-43043525	P	$-9^8+(-76+5)^*(-(43+2)+1)$
-43042962	P	$-9^8-7^*(6-543^(-2+1))$	-43043529	G	$-9^8+7+65/(4+3)^{-2^*1}$
-43042965	G	$(9^8+7-6^*5^4)/(-3+2)-1$	-43043536	G	$-9^8+7^*(-65^*(-4-3))^2(2-1)$
-43042969	P	$-(9^8+7-6^*5^4)+3^2(2^*1)$	-43043541	G	$-9^8+7+6^*(5^*4+3)^2-1$
-43042982	P	$-(9^8+7-6^*5^4+3+2)+1$	-43043543	P	$-(9^8+7)+65^*(4+3)^{(2^*1)}$
-43042988	P	$-(9^8+7-6^*5^4+3^2)-1$	-43043547	G	$-9^8-76+(54+3)^2+1$
-43042997	G	$-9^8+76^*(5-4^3)^2(2^*1)$	-43043549	G	$-9^8-76+(54+3)^2-1$
-43043009	P	$-(9^8+7-6^*5^4)-32+1$	-43043555	P	$-(9^8+7)+6^*(5^*4+3)^2-1$
-43043011	P	$-(9^8+7-6^*5^4)-32-1$	-43043560	P	$-9^8+7+(-6-5^4)^*(-(3+2)-1)$
-43043012	P	$-9^8+7-6^*(-5^4-(3^2-1))$	-43043565	G	$-9^8-7^*(-6-5)^*(43-2)-1$
-43043019	G	$-9^8+7^*(6+5+4^3)^2-1$	-43043585	P	$-9^8-7^*((-6+5^*4)^*32^*1)$
-43043020	G	$-9^8+(-7+(-6+5^4)^3)^2+1$	-43043586	G	$-9^8-76^5/-4^*(32+1)$
-43043032	P	$-(9^8+7)-6^*(-5^4-3^2)^*1$	-43043605	P	$-(9^8-76^*(5+4+32))^*1$
-43043033	P	$-(9^8+7)-6^*(-5^4-3^2)-1$	-43043610	P	$-(9^8+7+6)+5^4(4+3-2)-1$
-43043034	G	$-9^8+7+6^5-4^4(3^2^*1)$	-43043620	P	$-(9^8-7^*(6+5+432))^*1$
-43043046	G	$-9^8+76+(5^*4^3)^2-1$	-43043623	P	$-(9^8-(7+65)^*43-2)^*1$
-43043048	P	$-(9^8+7)+6^5-4^4(3^2^*1)$	-43043625	P	$(9^8-(7+65)^*43)/(2-1)$
-43043049	G	$-9^8+(-7-6+5^4)^*(3+2+1)$	-43043627	P	$-(9^8-(7+65)^*43)-2^*1$
-43043076	P	$-9^8-76^*(5+43))-2-1$	-43043629	P	$-(9^8-765^4)+32^*1$
-43043079	P	$-(9^8-7^*6)+(5^*4^3)^2(2^*1)$	-43043633	P	$-(9^8+7)-(6-5^4)^*(3+2)^*1$
-43043080	P	$-(9^8+7^*65)+4^4(3^2^*1)$	-43043668	P	$-(9^8-765^4)-3^2-1$
-43043108	P	$-9^8+7+6-(-5^*4^3)^2(2^*1)$	-43043676	G	$-9^8+76^5*4^3)^2-1$
-43043109	P	$-9^8+7+6-(-5^*4^3)^2+1$	-43043681	G	$-9^8-76^5/-4^*(32^*1)$
-43043122	P	$-(9^8+7)+6+(5^*4^3)^2(2^*1)$	-43043689	P	$-(9^8-7^*(6-(5-432)))^*1$
-43043130	G	$-9^8-7^*((65^*-4+3)^2+1)$	-43043690	P	$-(9^8-7^*(6-(5-432)))^*1$
-43043156	P	$-9^8+7-6^*(-5^4-(32^*1))$	-43043711	G	$-9^8-7^*(6-5-432+1)$
-43043157	G	$-9^8+7-6^*(-5^4+32)-1$	-43043738	G	$-9^8-7^*-6^*(5+4^3+2)+1$
-43043165	G	$-9^8+76+(5-4^3)^2-1$	-43043739	G	$-9^8-7^*-6^*(5+4^3+2)^*1$
-43043170	P	$-(9^8+7)-6^*(-5^4+32)^*1$	-43043741	P	$-(9^8-(7+6^*54)/3^2-2)+1$

-43043746	P	$-(9^8-765*(4-3^{\wedge}2))^*1$	-43044380	P	$-9^8+(-7-6)^*5^*- (4+32)+1$
-43043753	G	$-9^8-7^*(6-5^*4^*2^*1)$	-43044389	P	$-9^8-7^*6^*- (54+3/2)+1$
-43043754	G	$-9^8-7^*(6-5^*4^*2^*1)-1$	-43044412	P	$-(9^8-(765+4)^*3-2)^*1$
-43043768	P	$-9^8+(-7-65)^*- (43-2)+1$	-43044414	P	$(9^8-(765+4)^*3)/-(2-1)$
-43043780	P	$-9^8-7^*6^*5^*- (4^*3+2)+1$	-43044425	P	$-(9^8-765*(4-(3-2))) +1$
-43043796	G	$-9^8-7^*(6-5^*4^*3)^*2-1$	-43044440	P	$-(9^8-(765-4)^*3)^*2-1$
-43043798	G	$-9^8+7+(6+5+4^*3)^{\wedge}(2^*1)$	-43044441	P	$-(9^8-(765-4)^*3)^*2-1$
-43043806	P	$-(9^8+(7^*6+5)^*(-4^{\wedge}3+2))+1$	-43044446	G	$-9^8+(-7-6)^*5^*- (4+32-1)$
-43043809	G	$-9^8+(-7-6)^*(-5^*(4^*3+2)+1)$	-43044449	P	$-(9^8-7^*6^*5^*4)+3+2-1$
-43043812	P	$-(9^8+7)+6^*5^*4^*(3^{\wedge}2^*1)$	-43044450	P	$-(9^8-7^*6^*5^*4)+3/(2-1)$
-43043826	G	$-9^8-7^*-6^*(5+4^{\wedge}3)^*2-1$	-43044451	G	$-9^8-7-(-65-4)^*(32+1)$
-43043844	G	$-9^8-7^*(-6^*(5+4^{\wedge}3)+2+1)$	-43044457	P	$-(9^8-7^*6^*5^*4^*3)-2+1$
-43043867	G	$-9^8+(-7+6^*5^*4)^*3^{\wedge}2+1$	-43044472	P	$-(9^8-7^*(6^*5^*4-3)-2)^*1$
-43043868	G	$-9^8+(-7+6^*5^*4)^*3^{\wedge}2^*1$	-43044484	G	$-9^8+76+5^*4^*32+1$
-43043880	P	$-9^8+(7-65)/-(4+3)^{\wedge}2-1$	-43044516	G	$-9^8-7^*(-6^*5^*4+3^{\wedge}2)^*1$
-43043898	G	$-9^8+7+(-6-5)^*-4^{\wedge}(3+2-1)$	-43044517	G	$-9^8-7^*(-6^*5^*4+3^{\wedge}2)-1$
-43043899	G	$-9^8+(-7-6)^*(-5^*4^*3-2)+1$	-43044520	P	$-(9^8+7-(65+4)^*32)^*1$
-43043900	P	$-9^8+(-7-6)^*(-5^*4^*3+2)^*1$	-43044544	P	$-(9^8-(7+65-4)^*32)+1$
-43043908	G	$-9^8-7^*(6^*5-4^*32)-1$	-43044545	P	$-(9^8-(7+65-4)^*32)^*1$
-43043913	P	$-9^8+(-7-6)^*(-5^*4^*3+2)+1$	-43044553	P	$-(9^8+7^*(6^*5^*4-3)/2)^*1$
-43043916	G	$-9^8+7+65^*4^*3+2+1$	-43044560	P	$-9^8+7-6-5^*- (4^*32^*1)$
-43043918	G	$-9^8+7+65^*4^*3+2-1$	-43044573	P	$-(9^8+7)-6+5^*4^*32+1$
-43043919	G	$-9^8+7-65^*-4^*3^*(2-1)$	-43044576	P	$-(9^8-(76-5-4)^*32)+1$
-43043920	G	$-9^8+7+65^*4^*3-2+1$	-43044583	P	$-(9^8+7)+65^*(4^*3/2+1)$
-43043922	G	$-9^8+7+65^*4^*3-2-1$	-43044587	G	$-9^8-7^*(-65+4)^*(3+2)-1$
-43043950	G	$-9^8-7^*(-6-5)^*(4+32)-1$	-43044588	G	$-9^8+(-7-6)^*(-5^*4^*3-2)+1$
-43043951	P	$-9^8+(-7-6)^*(-5^*4^*3-2)+1$	-43044602	G	$-9^8-7^*6+5^*4^*32+1$
-43043952	P	$-9^8+(-7-6)^*(-5^*4^*3-2)^*1$	-43044603	P	$-(9^8+7^*6)+5^*(4^*32^*1)$
-43043965	G	$-9^8+(-7-6)^*(-5^*4^*3+2)+1$	-43044605	G	$-9^8+7^*(6+5)^*(4^*3+2)+1$
-43043970	P	$-9^8+7+(6-5^*4)^{\wedge}3^*- (2-1)$	-43044606	G	$-9^8+7^*(6+5)^*(4^*3+2)^*1$
-43043974	G	$-9^8+(7+6+5-4)^{\wedge}3+2+1$	-43044616	P	$-(9^8-(7+6)^*5^*4^*3)-2+1$
-43043976	G	$-9^8+(7+6+5-4)^{\wedge}3+2-1$	-43044618	P	$-(9^8-(7+6)^*5^*4^*3)-2-1$
-43043978	G	$-9^8+(7+6+5-4)^{\wedge}3-2+1$	-43044631	P	$-9^8-76^*5^*- (4+3/2)^*1$
-43043980	G	$-9^8+(7+6+5-4)^{\wedge}3-2-1$	-43044632	P	$-9^8-76^*5^*- (4+3/2)-1$
-43043985	G	$-9^8-76^*(54/-3^*2^*1)$	-43044633	G	$-9^8+(-7+65)^*(4+32^*1)$
-43044016	G	$-9^8+7+65^*4^*3-2+1$	-43044634	G	$-9^8+7-65^*(-4^*3/2^*1)$
-43044018	G	$-9^8+(7-6+5^*4-3)^{\wedge}2-1$	-43044636	P	$-(9^8+76)+5^*4^*32+1$
-43044075	G	$-9^8-7^*6^*(-5^*4^*3^{\wedge}2)^*1$	-43044657	G	$-9^8+7^*(6+(5+4^*3)^{\wedge}2)-1$
-43044076	G	$-9^8-7^*6^*(-5^*4^*3^{\wedge}2)-1$	-43044669	P	$(9^8-76^*(5+4)^*3)/-(2-1)$
-43044108	G	$-9^8+76+4^*3^{\wedge}2-1$	-43044697	G	$-9^8+(-7+65^*4)^*(3^{\wedge}2-1)$
-43044118	G	$-9^8-76^*(-5/4-32-1)$	-43044700	P	$-9^8+7^*(6+5)^*4^*3^{\wedge}-(2+1)$
-43044128	P	$-(9^8-(76+5)^*4^*3/2)+1$	-43044705	P	$(9^8-7^*6^*(5+4^*3))/-(2-1)$
-43044133	P	$-(9^8+7)-6+(5^*4-3)^{\wedge}(2^*1)$	-43044706	P	$-(9^8-76^*(5+4^*3/2))+1$
-43044134	G	$-9^8+(7-6+5)^*5^*(4^*3^*2^*1)$	-43044707	P	$-(9^8-76^*(5+4^*3/2))^*1$
-43044142	P	$-(9^8+7)+6^*(5^*4^*3^*2+1)$	-43044720	P	$(9^8-(7^*6+5^*4)^*3)/-(2-1)$
-43044148	P	$-(9^8+7)+6^*(5^*4^*3^*2^*1)$	-43044736	P	$-(9^8-(7+65^*4)^*3-2)^*1$
-43044159	P	$-9^8+7^*(-65-4^*32)-1$	-43044737	P	$-(9^8-(7+65^*4)^*3-2)-1$
-43044161	G	$-9^8-7^*6+(5^*4-3)^{\wedge}2+1$	-43044739	P	$-(9^8-(7+65^*4)^*3)-2+1$
-43044164	G	$-9^8+7-6^*-5^*(4^*3^*2-1)$	-43044740	P	$-(9^8-(7+65^*4)^*3)^*2-1$
-43044175	G	$-9^8-76^*((-5-4^*3)/2+1)$	-43044743	G	$-9^8+(-7+6^*5)^*4^*3^*2^*1$
-43044186	P	$-9^8-7^*- (6^*5^*4^*3+2)+1$	-43044749	G	$-9^8+7+65^*4^*3+2+1$
-43044187	P	$-9^8-7^*- (6^*5^*4^*3+2)^*1$	-43044751	G	$-9^8+7+65^*4^*3+2-1$
-43044195	P	$-(9^8+76)+(5^*4-3)^{\wedge}2+1$	-43044753	G	$-9^8+7+65^*4^*3-2+1$
-43044197	P	$-(9^8+76)+(5^*4-3)^{\wedge}2-1$	-43044755	G	$-9^8+7+65^*4^*3-2-1$
-43044213	P	$-(9^8-76^*(5-(4-3^*2)))^*1$	-43044762	P	$-(9^8-7)+65^*(4^*3)^*(32^*1)$
-43044215	G	$-9^8-7^*(6^*5^*-4^*3+2^*1)$	-43044780	P	$(9^8+(7-65^*4)^*3)/-(2-1)$
-43044222	G	$-9^8-7^*(-6^*5^*4-32-1)$	-43044790	G	$-9^8+76+5+4^*3^{\wedge}2+1$
-43044225	P	$-(9^8+(7-65)^*4^*3-2)^*1$	-43044791	G	$-9^8+76+5+4^*3^{\wedge}2^*1$
-43044226	P	$-(9^8+(7-65)^*4^*3-2)-1$	-43044794	P	$-9^8+7-6^*5^*4^*3^*- (2-1)$
-43044227	G	$-9^8+(-7+65)^*4^*3^{\wedge}(2-1)$	-43044795	P	$-(9^8-7^*(6+5))+4^*3^{\wedge}(2^*1)$
-43044248	P	$-(9^8-(76+5/4)^*32)+1$	-43044799	G	$-9^8+7+65+4^*3^{\wedge}2+1$
-43044257	P	$-(9^8-(76+5-4)^*32)^*1$	-43044800	G	$-9^8+7+65+4^*3^{\wedge}2^*1$
-43044282	G	$-9^8+(7-(6+5)^{\wedge}4)/(-3^*2)^*1$	-43044806	G	$-9^8+7-6^*(-5^*4^*3-(-2^*1))$
-43044283	G	$-9^8+(7-(6+5)^{\wedge}4)/(-3^*2)-1$	-43044807	P	$-(9^8-(7+6^*5)^*5)+4^*3^{\wedge}(2^*1)$
-43044284	G	$-9^8-7^*6^*(-5^*4^*3+2)+1$	-43044813	P	$-(9^8+7)+65+4^*3^{\wedge}2+1$
-43044317	P	$-(9^8-7^*(6-5)^{\wedge}4)+3)^*(2-1)$	-43044820	G	$-9^8+(-7+6^*5^*4)^*3^*2-1$
-43044323	P	$(9^8-(7^*(6-5)^{\wedge}4+3)^*- (2-1)$	-43044826	P	$-(9^8-7^*6)+5+4^*3^{\wedge}2-1$
-43044354	P	$-(9^8-(7+6^*5)^*4^*3)-2+1$	-43044829	G	$-9^8+7-65^*(4-(3^*2+1))$
-43044368	G	$-9^8-7^*(-6-5^*4^*3)^*2+1$	-43044831	G	$-9^8-7^*6^*(-5^*4+3^{\wedge}2)^*1$
-43044369	G	$-9^8-7^*(-6-5^*4^*3)^*2^*1$	-43044836	G	$-9^8+7+6^*5+4^*3^{\wedge}2-1$

-43044843	P	$(9^8+(-7+6-5^4)*3)/-(2-1)$	-43045364	G	$-9^8+7-6*-5*(43+2*1)$
-43044846	P	$(9^8-((-7+6)*5)^4*3)/-(2-1)$	-43045391	G	$-9^8-76*(5-43/2-1)$
-43044850	P	$-(9^8+7-6*5)+43^2-1$	-43045394	G	$-9^8+7-6*-5*(43+2-1)$
-43044863	P	$-9^8+76-54*(-32+1)$	-43045411	G	$-9^8-(7-6^5/(-4*3))*(-2*1)$
-43044865	G	$-9^8+7/(6-5)+43^2*1$	-43045439	P	$-(9^8+7-6*5*43)-2+1$
-43044871	P	$-(9^8+7)-(6-5^4)/3^{\wedge}(-2+1)$	-43045462	G	$-9^8-7*(-6-54)*3-(2-1)$
-43044885	P	$(9^8-(-7-(6-5^4))*3)/-(2-1)$	-43045467	G	$-9^8-76*(5-43/2*1)$
-43044894	G	$-9^8+7-65*(4-(32*1))$	-43045484	P	$-(9^8+7+(6-5^4-3)*2)*1$
-43044898	G	$-9^8+(7*65*4+3)*(2-1)$	-43045490	P	$-(9^8+(7+6-5^4-3)*2)+1$
-43044905	P	$-(9^8-7*65*4+3)-2+1$	-43045495	G	$-9^8+7-(6-(5*(4+3))^2*1)$
-43044908	G	$-9^8+(7+6*5)*(4+3)^{\wedge}(2*1)$	-43045497	G	$-9^8-7-6*5*(-43+2)+1$
-43044916	G	$-9^8+76+54*32+1$	-43045498	G	$-9^8-7-6*5*(-43+2)*1$
-43044920	P	$-(9^8-7*(65*4-3)-2)*1$	-43045503	G	$-9^8-7*(-6*5-(-4*3)^{\wedge}(2*1))$
-43044927	G	$-9^8+(-7-6)*(-5-4^3)*(2*1)$	-43045518	G	$-9^8+((7/(6-5))^{\wedge}4+3)/2+1$
-43044937	P	$-(9^8+(7+6)*5)+43^{\wedge}(2*1)$	-43045558	G	$-9^8+76+54*3^2+1$
-43044942	P	$-(9^8+76)+5+43^2+1$	-43045564	G	$-9^8+(-7*(6+5)+43)^2+1$
-43044943	P	$-(9^8+76)+5+43^2*1$	-43045567	G	$-9^8+(76*5+4)*3+2*1$
-43044949	P	$-(9^8-7*(6+5)-43^2)*1$	-43045569	P	$(9^8-(76*5+4)*3)/-(2-1)$
-43044950	P	$-(9^8-7*(6+5)-43^2)-1$	-43045571	G	$-9^8+(76*5+4)*3-(2*1)$
-43044952	P	$-(9^8+76+5)+43^2+1$	-43045572	G	$-9^8+(76*5+4)*3-(2+1)$
-43044953	P	$-(9^8+76+5)+43^2*1$	-43045579	P	$-(9^8)-(7/(6-(5*4)^3))^{\wedge}-(2-1)$
-43044958	P	$-(9^8-((7-6)^5-43)^2)-1$	-43045586	G	$-9^8-7*6*(5-4^3/2)+1$
-43044981	P	$-(9^8+7*6)+54*(32+1)$	-43045587	P	$(9^8-7*6*(5+4)*3)/-(2-1)$
-43044991	P	$-9^8+(7*6-54)^3+2*1$	-43045600	G	$-9^8-7*(-6+5-4)*3^2+1$
-43044992	P	$-9^8+7-6-54*(-32*1)$	-43045608	P	$-9^8-7*6*(5+43/2)*1$
-43045005	P	$-(9^8+7)-6+54*32+1$	-43045617	P	$-(9^8+(76-5^4-3)*2)*1$
-43045024	P	$-(9^8+(7-6-54)*32)+1$	-43045634	G	$9^8/(-7+6)+54*3^2+1$
-43045034	P	$-9^8+7+(6-5*(-4+3))^2-1$	-43045642	G	$-9^8-7*(-65-4*3)*2+1$
-43045035	P	$-(9^8+7*6)+54*(32*1)$	-43045647	P	$-(9^8+7)-6+54*3^2+1$
-43045040	G	$-9^8+(7-6*5+4^3)^2*1$	-43045653	P	$-(9^8+7+(6-543)*2)+1$
-43045041	G	$-9^8+(7-6*5+4^3)^2-1$	-43045658	G	$-9^8-7*(-6+5/4)*32-1$
-43045048	P	$-9^8-76*(54-32)+1$	-43045660	P	$-(9^8+(7+6-543)*2)+1$
-43045062	G	$-9^8-(-765-4^3)*2+1$	-43045676	G	$-9^8-7*6+54*3^2+1$
-43045068	P	$-(9^8+76)+54*32+1$	-43045677	P	$-(9^8+7*6)+54*3*(2*1)$
-43045074	G	$-9^8+(-76+5^4)*3^{\wedge}(2-1)$	-43045686	G	$-9^8+(-7+6*5)*(43+2*1)$
-43045087	G	$-9^8-76*(-5*4-(3/2*1))$	-43045710	P	$-(9^8+76)+54*3^2+1$
-43045105	G	$-9^8-(-765-43)*2*1$	-43045718	G	$-9^8+(7*-6+543)*2+1$
-43045106	G	$-9^8-(-765-43)*2-1$	-43045722	G	$-9^8+(7-6+5+4)^3-2+1$
-43045108	G	$-9^8-7-6*-54*(3+2)*1$	-43045725	P	$-(9^8-(7+6*54)*3)+2+1$
-43045109	G	$-9^8-7-6*-54*(3+2)-1$	-43045726	P	$-(9^8-(7+6*54)*3)+2*1$
-43045113	G	$-9^8+7+(6*5*4/3)^2+1$	-43045730	P	$-(9^8+(7-6*5)*43)+2*1$
-43045121	G	$-9^8+(7*6+5-4-3)^{\wedge}(2*1)$	-43045732	G	$-9^8+(-7+6*5)*43^{\wedge}(2-1)$
-43045123	G	$-9^8-7*6*(5-43)+2*1$	-43045734	P	$-(9^8+7)-6*5+4^{\wedge}(3+2*1)$
-43045128	P	$-(9^8+7)+(6*5*-4/3)^{\wedge}(2*1)$	-43045743	P	$-(9^8-7-6*54*3)-2+1$
-43045130	P	$-9^8+7+(-6-5)*(-4*3)^2*1$	-43045744	P	$-(9^8-7-6*54*3)-2*1$
-43045159	P	$-(9^8-7*(6+(5*43+2)))+1$	-43045747	P	$-(9^8+7-654*3/2)*1$
-43045160	P	$-(9^8-7*(6+(5*43+2)))*1$	-43045749	P	$(9^8-(76+5)*4*3)/-(2-1)$
-43045167	P	$-(9^8-(765+4*3)*2)*1$	-43045755	P	$-(9^8+7-6*54*3)+2-1$
-43045172	P	$-(9^8-7*(6+5*43)-2)*1$	-43045759	P	$-(9^8+7-6*54*3)-2-1$
-43045187	P	$-(9^8-7*(6+5*43-2))+1$	-43045767	P	$-(9^8+7)+(6*5+4-3)^2*1$
-43045191	G	$-9^8-765*(4-3*2*1)$	-43045768	P	$-(9^8+7)+(6*5+4-3)^2-1$
-43045205	P	$-(9^8-76*5*4+3)-2+1$	-43045774	G	$-9^8-7*(6+5)+4^{\wedge}(3+2*1)$
-43045209	P	$(9^8-7*(6/(5-4))^3)/-(2-1)$	-43045788	G	$-9^8+(-76+543)*2-1$
-43045236	P	$-(9^8-(7+6+(5+4)^3)*2)+1$	-43045796	G	$-9^8-7*-6*(54-32)+1$
-43045243	G	$-9^8-7*(6-5*43-2)+1$	-43045805	P	$-9^8-7*(-65+4^3+2)-1$
-43045251	P	$(9^8-7*6*5*(4+3))/-(2-1)$	-43045807	P	$-(9^8-76*(5+4+3))+2*1$
-43045253	G	$-9^8-(7*6*5*(-4-3)+2)*1$	-43045824	P	$(9^8-(7+6)*(5+4^3))/-(2-1)$
-43045258	P	$-9^8-7*(6-5*43^{\wedge}(-2+1))$	-43045827	G	$-9^8+765+4*3^2+1$
-43045262	G	$9^8/(-7+6)+(5+4)^3*2+1$	-43045834	P	$-(9^8-7*65)+432*1$
-43045282	P	$-9^8+(-7-65)*4*(-3+2)-1$	-43045857	P	$-(9^8+(7*6-54)^3/2)*1$
-43045287	G	$-9^8-7*((-65-4)*3+2)-1$	-43045869	P	$(9^8-(76-5)*4*3)/-(2-1)$
-43045289	P	$-(9^8+7)-6+(5-43)^2+1$	-43045874	G	$-9^8+7*(6-5*4+3)^{\wedge}(2*1)$
-43045291	P	$-(9^8+7)-6+(5-43)^2-1$	-43045875	G	$-9^8+(76*5+43)*(2*1)$
-43045305	G	$-9^8+7+(-6-5)*-4*32+1$	-43045887	P	$-(9^8+7)+(6+5*4+3)^{\wedge}(2*1)$
-43045312	P	$-(9^8-((7+6)*54+3)*2)-1$	-43045890	G	$-9^8+765+4^3+2*1$
-43045315	G	$-9^8-76*(-5*4+3/2*1)$	-43045893	G	$-9^8+765+4^3-2+1$
-43045318	G	$-9^8-(-765+4^3)*2+1$	-43045895	G	$-9^8+765+4^3-2-1$
-43045319	G	$-9^8-(-765+4^3)*2*1$	-43045896	G	$-9^8-(7*-65+43)*2+1$
-43045339	P	$-(9^8+76)+(5+4)^3*(2*1)$	-43045897	G	$-9^8-(7*-65+43)*2*1$
-43045347	G	$-9^8+(-76*(-5-4)+3)*(2*1)$	-43045903	G	$-9^8-7*(6+5-4*32)-1$

-43045909	P	$-(9^8-76^5)+432^*1$	-43046891	P	$-(9^8-7^*6)-5^*43+2+1$
-43045914	G	$-9^8+765+43-2+1$	-43046892	P	$-(9^8-7^*6)-5^*43+2^*1$
-43045923	G	$-9^8+765+4^3/2+1$	-43046906	G	$-9^8+7-65-4^*32+1$
-43045924	G	$-9^8+765+4^3/2^*1$	-43046907	G	$-9^8+7-65-4^*32^*1$
-43045936	P	$-(9^8-7-65^*4^3)-2^*1$	-43046920	P	$-(9^8+7)-65-4^*32+1$
-43045947	P	$(9^8-(7+6+5)^*43)/(-2-1)$	-43046940	P	$-(9^8+7-6+5^*43)-2-1$
-43045968	G	$(-9^8+765-4^*3)/(2-1)$	-43046941	G	$-9^8+7-65^*4+32+1$
-43045976	G	$-9^8+765-4^*(3+2^*1)$	-43046945	G	$-9^8+(7^*(6+5-43))^(2-1)$
-43045980	P	$(9^8-(7+6)^*(5+3))/(-2-1)$	-43046950	P	$-9^8+(-(-7+65)^*4+3)^(2-1)$
-43045985	P	$-9^8+7+(6/(54^*3))^-*(2^*1)$	-43046954	G	$(9^8+(-7+65)^*4)/(-3+2)-1$
-43045987	G	-9^8+76+5^4+32+1	-43046979	G	$-9^8+((-7-(-6+5))^*43)^(2-1)$
-43046000	P	$-(9^8-(7-6))+5/(4^*3)^{(-2^*1)}$	-43046982	G	$(9^8+(-7-6)^*5^*4)/(-3+2)-1$
-43046006	P	$-9^8+7-6^*(-5+4^3)^*-*(2^*1)$	-43046992	P	$-(9^8+7+65^*4)-3-2+1$
-43046010	P	$-(9^8)+(7+(6+5)^*4^3)^(2-1)$	-43046997	P	$(9^8-(7-6^*5)^*4^3)/(-2-1)$
-43046017	G	$-9^8+76+(5^4+3)^(2-1)$	-43047002	P	$-9^8+7-6^*(5+43^-(-2+1))$
-43046040	P	$(9^8-76^*(5+4)+3)/(-2-1)$	-43047004	G	$(9^8-(-76+5)^*4)/(-3+2)+1$
-43046045	G	$-9^8+(-7+6-(-5-4)^*3)^(2^*1)$	-43047026	G	$-9^8+(7^*(-6-5)^*4+3)^(2-1)$
-43046051	G	-9^8+76+5^4-32+1	-43047032	P	$-(9^8-7)+6-(54/3)^{-(-2^*1)}$
-43046058	G	$(9^8-(7+6)^*(54-3))/(-2+1)$	-43047040	P	$-(9^8)+7-(6+(5^*4^3)^(2-1))$
-43046063	G	$9^8/(-7+6)+5^4+32+1$	-43047044	G	$-9^8+(-76^*5+4^3)^(2-1)$
-43046069	G	$-9^8+7+654-3^2+1$	-43047061	P	$-9^8+(-7^(-6-(-5-4))+3)^(2-1)$
-43046089	G	$9^8/(-7+6)+5^4+3^*2+1$	-43047068	P	$-9^8+7-6^*(-5-4^3^*(2-1))$
-43046116	G	$-9^8+7+6+5^4-32-1$	-43047078	G	$-9^8+7^*(6-(54+3)^(2-1))$
-43046133	P	$-(9^8-7^*6)+543+2+1$	-43047090	G	$-9^8-7^*65+43^*2^*1$
-43046152	P	$-(9^8+7^*65)+4^(3^*2-1)$	-43047092	G	$-9^8+7^*(6+(5-4^3)^(2-1))$
-43046154	P	$(9^8-(76+5)^*(4+3))/(-2-1)$	-43047120	P	$(9^8+7^*(6+54-3))/(-2-1)$
-43046165	P	$-(9^8-7)+(6+543)^*(2-1)$	-43047121	G	$-9^8-76-(-54/3)^(2^*1)$
-43046168	G	$-9^8-7^*(6-54-32+1)$	-43047124	G	$-9^8-76^*5-4^*3^*2+1$
-43046169	P	$(-9^8+76-5^4+3)/(2-1)$	-43047125	G	$-9^8-76^*5-4^*3^*2^*1$
-43046196	P	$(9^8-7^*(6+5+4^3))/(-2-1)$	-43047127	G	$-9^8+(7-65)^*(4+3)^(2-1)$
-43046200	P	$-(9^8-7^*65-4^3)+2^*1$	-43047128	P	$-(9^8)+(7-6^*(5+4^3))^(2-1)$
-43046203	P	$-(9^8+76)+5^4-32+1$	-43047187	P	$-(9^8-7)-(6+5)^*43^(2-1)$
-43046205	P	$-(9^8+76)+5^4-32-1$	-43047192	G	$-9^8-7^*6-5^*43^*2+1$
-43046210	P	$-9^8+(-7^*(-6^*5-43))^{-(-2+1)}$	-43047193	G	$-9^8-7^*6-5^*43^*2^*1$
-43046224	G	$-9^8+7^*65+43-2+1$	-43047203	G	$-9^8-7^*(65+4)+3-(2^*1)$
-43046226	G	$-(9^8+7^*65+43-2-1)$	-43047205	G	$(9^8-7^*(-65-4))/(-3+2)-1$
-43046227	G	$-9^8+(-7-6)^*(5-43^(2-1))$	-43047228	P	$-(9^8+76^*5)-4^*32+1$
-43046228	G	$-9^8+7-6^*-54^*(3/2^*1)$	-43047230	P	$-(9^8+76^*5)-4^*32-1$
-43046230	P	$-(9^8-7^*65)+4+32^*1$	-43047237	G	-9^8+76-5^4+32+1
-43046314	P	$-(9^8)-7+(6^*(5+4^3))^(2-1)$	-43047246	P	$(9^8+7^*(6+5+4^3))/(-2-1)$
-43046318	P	$-(9^8-7)+(6+5)^*4^3^(2^*1)$	-43047260	P	$-9^8+(-7^*(65+4^3))^{-(-2+1)}$
-43046322	P	$(9^8-7^*(6+54-3))/(-2-1)$	-43047270	G	$(9^8-76+5^4)/(-3+2)^*1$
-43046331	P	$(9^8-(76+54)^*3)/(-2-1)$	-43047290	P	$-(9^8-7^*65)-4^4(3^*2-1)$
-43046332	G	$-9^8-7+(-6-5)^*-4^*3^(2^*1)$	-43047313	G	$9^8/(-7+6)-5^4+32+1$
-43046364	G	$-9^8+(-7^*(6-(54+3)))^(2-1)$	-43047371	G	$-9^8+(7-654-3)^(2-1)$
-43046374	P	$-(9^8+7)-6^*(5-4^3^*(2-1))$	-43047402	P	$(9^8+(76^*(5+4)-3))/(-2-1)$
-43046393	G	$-9^8+7+65+4^3(3+2-1)$	-43047404	G	$(9^8-76^*(-5-4))/(-3+2)+1$
-43046408	P	$-9^8+(7-6^*(-54-3))^(2-1)$	-43047406	G	$(9^8-76^*(-5-4))/(-3+2)-1$
-43046434	P	$-9^8+7^*(6-5^*-4+3)^(2-1)$	-43047417	P	$(9^8-(7-65)^*4^3)/(-2-1)$
-43046438	G	$(9^8+(-76+5)^*4)/(-3+2)-1$	-43047419	G	$-9^8+(-76-5^4+3)^*(2-1)$
-43046457	P	$(-9^8-(7+65^*4)-3)/(2-1)$	-43047432	P	$(9^8+7+(6+5)^*4^3)/(-2-1)$
-43046459	P	$-(9^8+7-65^*4)+3^2+1$	-43047436	P	$-(9^8+7)+6^*(5-4^3)^*(2^*1)$
-43046463	P	$-9^8+(-(-7+6)+5)^*43^(2-1)$	-43047437	G	$(-9^8+7+6-(5+4)^3)^*(2-1)$
-43046470	G	$-9^8+7-6+5^4/(3/2+1)$	-43047447	G	$9^8/(-7+6)+(-5-4)^3+2+1$
-43046480	P	$-(9^8+76-5^*4^3)-2-1$	-43047451	P	$(9^8+7-(6-(5+4)^3))^-*(2-1)$
-43046482	G	$-9^8+76+54^*3+2-1$	-43047453	G	$9^8/(-7+6)-((5+4)^3+2)-1$
-43046484	G	$(9^8-7^*(6^*5+4))/(-3+2)-1$	-43047457	G	$-9^8+(-7+6^*5)^*-4^*(3^2-1)$
-43046485	P	$-(9^8+7)+6^*5^*(4^-3^*2^*1)$	-43047466	P	$-(9^8+765-4^*(3+2))^*1$
-43046487	P	$(9^8+(-7-6)^*54/3)/(-2-1)$	-43047472	P	$-(9^8+765-4^*3-2)^*1$
-43046488	G	$(9^8-(-7+65)^*4)/(-3+2)+1$	-43047541	P	$-9^8-7^*(-6+5-4^*32)-1$
-43046520	P	$(9^8-(7+6+54)^*3)/(-2-1)$	-43047544	G	$-9^8+(7^*-65+43)^*2+1$
-43046530	G	$-9^8+((7^*6+5)^*4+3)^(2-1)$	-43047545	G	$-9^8+(7^*-65+43)^*2^*1$
-43046531	G	$-9^8+(7-(-65+4)^*3)^(2-1)$	-43047549	G	$-9^8+(-7+6^*5)^*-4^*3^(2^*1)$
-43046534	P	$-(9^8+7-65)+4^*32+1$	-43047571	P	$-(9^8+765)-4^*3^*2+1$
-43046549	G	$-9^8+(-7+6+5)^*43^(2-1)$	-43047576	G	$-9^8-76^*5/4^*3^2+1$
-43046553	G	$-9^8+(7^*(6+54/3))^(2-1)$	-43047579	G	$-9^8-7^*(6^*5^*4+3)+2+1$
-43046564	P	$-(9^8-7^*(65-43))+2+1$	-43047584	G	$-9^8+(-7-65)^*4^*3+2-1$
-43046863	G	$-9^8+76-5^*43-2-1$	-43047585	P	$(9^8+(7+65)^*4^3)/(-2-1)$
-43046873	G	$-9^8+76^*(5-(4+3)^(2-1))$	-43047603	G	$-9^8-7^*(-6+5+4^3)^*2^*1$
-43046875	P	$-9^8-7^*(65-43^-(-2+1))$	-43047604	G	$-9^8-7^*(-6+5+4^3)^*2-1$

-43047613	P	$-(9^8+765)-4*32+1$	-43048126	P	$-(9^8+76*5)-4^4(3+2)-1$
-43047623	G	$-9^8-7*(65+4^3)+2-1$	-43048136	P	$-(9^8-7*6+(5+4)^3*2)+1$
-43047625	P	$-(9^8+7*(65+4^3)+2)+1$	-43048149	G	$-9^8+7*6*(-5-4^3)*2*1$
-43047638	G	$-9^8-7*(65+4^3+2)*1$	-43048152	G	$-9^8+7+6-(5-43)^2*1$
-43047639	G	$-9^8-7*(65+4^3+2)-1$	-43048153	G	$-9^8+7+6-(5-43)^2-1$
-43047644	G	$-9^8-7*6*(54-32)+1$	-43048156	P	$-9^8-7*-((-65-4)*3+2)*1$
-43047660	P	$-9^8+(7*6+5)*4*(3+2)+1$	-43048166	G	$-9^8+(-765+43)*2-1$
-43047670	P	$-(9^8-(7-6*54)*3)+2*1$	-43048171	P	$-(9^8-7*(6-(5*43-2)))-1$
-43047671	P	$-(9^8-(7-6*54)*3)+2-1$	-43048173	P	$-(9^8+7)+(6-(5+4)^3)*2+1$
-43047672	G	$-9^8+((7-6*54)*3)^(2-1)$	-43048175	P	$-(9^8+7)+(6-(5+4)^3)*2-1$
-43047674	G	$-9^8+7-6*5*4*(3^2-1)$	-43048177	P	$-(9^8-(7-6-(5+4)^3)*2)*1$
-43047683	P	$-(9^8+(7+6+54/3)^2)-1$	-43048198	P	$-(9^8-7*(6-5*43-2))*1$
-43047695	G	$-9^8+7-654*3/2*1$	-43048201	P	$-(9^8+7*65)-4^4(3+2)-1$
-43047696	G	$-9^8+7-654*3/2-1$	-43048206	P	$-(9^8+(7+6+(5+4)^3)*2)-1$
-43047699	P	$-(9^8+7)-6^5*4/32+1$	-43048214	G	$-9^8+7-6/5^4-(3/2+1)$
-43047708	P	$-(9^8-7*6)-5-4^4(3*2-1)$	-43048219	G	$-9^8+7*((-6-5-4)^3+2)*1$
-43047709	G	$-9^8-76*(5+4+3+2-1)$	-43048220	P	$-(9^8+7*6+(5+4)^3*2)+1$
-43047710	G	$-9^8+((7-6*5)*43)^(2-1)$	-43048233	P	$-(9^8+7*(6/(5-4))^3)/(2-1)$
-43047722	G	$-9^8-(7*-6+543)*2+1$	-43048236	P	$-(9^8+(765-4-3)*2)+1$
-43047730	G	$-9^8+76-543*2+1$	-43048237	P	$-(9^8+(765-4-3)*2)*1$
-43047738	G	$-9^8+7-(6+5-43)^2*1$	-43048250	P	$-(9^8-765*(4-3*2))+1$
-43047749	G	$9^8/(-7+6)-5-4^4(3+2)+1$	-43048251	P	$-(9^8-765*(4-3*2))*1$
-43047758	P	$-(9^8+(7*65+4^3)*2)+1$	-43048261	P	$-(9^8+7*(65+3+2))*1$
-43047768	G	$-9^8+7-6*5-4^4(3*2-1)$	-43048265	P	$-(9^8+7-(6-5/4)*32)-1$
-43047781	P	$-(9^8-(7+6-543)*2)*1$	-43048268	P	$-9^8-7*(6-5*-43^4-(-2+1))$
-43047786	G	$-9^8+7*(-6+5/4)*32-1$	-43048274	P	$-(9^8+(765+4*3)*2)+1$
-43047794	G	$-9^8+7-6*5*4*(3^2*1)$	-43048275	P	$-(9^8+(765+4*3)*2)*1$
-43047805	P	$-(9^8-765)-4^3(2*1)$	-43048282	G	$-9^8-7*(6-(5*43-2))*1$
-43047806	G	$9^8/(-7+6)-543*2+1$	-43048288	G	$-9^8+7*(-6-(5-4))*32+1$
-43047819	P	$-(9^8+7)-6-543*2+1$	-43048289	G	$-9^8+7*(-6-(5-4))*32*1$
-43047823	G	$-9^8-7*(6+5)-4^4(3+2)-1$	-43048299	P	$-(9^8-7)+(-6-5)*(4^3)^2-1$
-43047825	P	$-(9^8+7+(6+543)*2)+1$	-43048330	P	$-(9^8+(76+(5+4)^3)*2)+1$
-43047834	P	$-(9^8+((7+6)+543)*2)-1$	-43048331	P	$-(9^8+(76+(5+4)^3)*2)*1$
-43047838	P	$-9^8-(7/(6^5+43))^(2-1)$	-43048337	G	$-9^8+(-765-43)*2*1$
-43047848	P	$-(9^8+7*6)-543*2+1$	-43048338	G	$-9^8+(-765-43)*2-1$
-43047852	G	$-9^8-7*6*(-5-4)*3+2+1$	-43048341	G	$-9^8+(-76-5)*4*(3+2)*1$
-43047855	P	$(9^8-7*6*(-5-4)*3)/(2-1)$	-43048343	G	$-9^8+7-6*543/2*1$
-43047857	G	$-9^8-7*6*(-5-4)*3-(2*1)$	-43048352	G	$-9^8-(7*6+5+4)*32+1$
-43047873	P	$(9^8+(76*5+4)*3)/(2-1)$	-43048353	G	$-9^8-(7*6+5+4)*32*1$
-43047882	P	$-(9^8+76)-543*2+1$	-43048357	P	$-(9^8+7)-6*543/(2*1)$
-43047895	P	$-(9^8+7*(6+54*3)-2)*1$	-43048372	G	$-9^8+76-54*32+1$
-43047899	G	$-9^8-7*(6+54*3)-2*1$	-43048378	P	$-(9^8-(7/6-5)*432)-1$
-43047905	G	$-9^8+(-7-6*5)*4^3/2*1$	-43048386	G	$-9^8+(-7-6*5)*4(3+2)*1$
-43047910	G	$-9^8-7*(6-(54*3-2))*1$	-43048392	G	$-9^8-76*(54-32)+1$
-43047919	G	$-9^8-((7/(-6+5))^4-3)/2+1$	-43048408	P	$-(9^8+7)-6-54*(32-1)$
-43047920	G	$-9^8-((7/(-6+5))^4-3)/2*1$	-43048413	P	$-(9^8+(7*6+5)*(4+32))*1$
-43047947	P	$-(9^8+7)+6-(5*(4+3))^2*1$	-43048417	P	$-(9^8-(7-6-54)*32)*1$
-43047951	P	$-(9^8-(7+6-5^4-3)*2)*1$	-43048431	G	$-9^8-76*5*(4+3/2-1)$
-43047963	P	$-(9^8+(-7+6-(-5^4+3))^2)*1$	-43048442	G	$-9^8-7*6*(5+4+32)+1$
-43047964	P	$-(9^8+(-7+6-(-5^4+3))^2)-1$	-43048443	G	$-9^8-7*6*(5+4+32)*1$
-43047984	P	$-(9^8+(7-6+5)^4)+32+1$	-43048448	G	$9^8/(-7+6)-54*32+1$
-43047986	P	$-(9^8+(7-6+5)^4)+32-1$	-43048456	P	$-(9^8+7)+6^5/4*(3^4-2-1)$
-43048003	G	$-9^8-(7-6^5/(4^3))*(-2*1)$	-43048461	P	$-(9^8+7)-6-54*32+1$
-43048007	G	$-9^8+7-6*5*43-2-1$	-43048488	G	$-9^8+76+5-43^2+1$
-43048019	G	$-9^8-7-6*5*43-2+1$	-43048497	G	$-9^8+7+65-43^2+1$
-43048022	P	$-(9^8+76)-(5*(4+3))^2(2*1)$	-43048506	G	$-9^8-7*(65*4-3-2)*1$
-43048029	P	$-(9^8+7+(654-3)*2)+1$	-43048511	P	$-(9^8+7)+65-43^2+1$
-43048033	P	$-(9^8-(7+6-54)*32)*1$	-43048512	P	$-(9^8+7)+65-43^2*1$
-43048036	P	$-(9^8+(7+654-3)*2)+1$	-43048517	P	$-(9^8+7*(65*4-3)-2)+1$
-43048041	P	$-(9^8+7+(654+3)*2)+1$	-43048518	P	$-(9^8+7*(65*4-3)-2)*1$
-43048053	P	$-(9^8+(7/(6-5)+4)^3+2)+1$	-43048523	P	$-(9^8-7*6)+5-43^2(2*1)$
-43048074	P	$(9^8+(7*65-4)*3)/(2-1)$	-43048524	P	$-(9^8+76)-54*32+1$
-43048076	G	$-9^8+(7*-65+4)*3-(2*1)$	-43048557	P	$(9^8+(-7-(6-5^4))^3)/(2-1)$
-43048077	P	$-(9^8+76)-5*4^4(3+2-1)$	-43048563	G	$(9^8-7)/(-6+5)-43^2*1$
-43048086	G	$-9^8+7+(6-5*4)^3/2*1$	-43048584	G	$-9^8-7*(65*4-3*2)-1$
-43048087	G	$-9^8+7+(6-5*4)^3/2-1$	-43048585	G	$-9^8+(-7-(-6+5^4)*3)*(2-1)$
-43048098	P	$(9^8+(7*65+4)*3)/(2-1)$	-43048593	P	$(9^8-(7-6-5^4)*3)/(2-1)$
-43048104	G	$-9^8-(7*6-5/-4)*32+1$	-43048596	P	$(9^8+(7-6)^5)^4*3/(2-1)$
-43048105	G	$-9^8-(7*6-5/-4)*32*1$	-43048599	P	$(9^8-(-7+6-5^4)*3)/(2-1)$
-43048118	P	$-(9^8-((-7-6)*54+3)*2)+1$	-43048607	P	$-(9^8+7)-6*5-43^2(2*1)$

-43048622	P	$-(9^8 - (7 - 6 \cdot 5^4) \cdot 3^2) + 1$	-43049039	P	$-(9^8 + 7 + 6 + (5 + 43)^2) - 1$
-43048634	G	$-9^8 + 7 - 6 \cdot 5^4 \cdot 3^2 (2 - 1)$	-43049052	G	$-9^8 - 7 \cdot 6 \cdot (54 + 3/2) \cdot 3^1$
-43048635	P	$-(9^8 + (7 + 6) \cdot 5) - 43^2 (2 \cdot 1)$	-43049053	G	$-9^8 - 7 \cdot 6 \cdot (54 + 3/2) - 1$
-43048640	P	$-(9^8 + 7 + 6 \cdot 5/4) + 32 \cdot 1$	-43049061	G	$-9^8 + (-7 - 6) \cdot 5 \cdot (4 + 32) \cdot 1$
-43048641	P	$-(9^8 + 7 + 6 \cdot 5/4) + 32 - 1$	-43049068	P	$-(9^8 + 7) - 65 \cdot (4 + 32 \cdot 1)$
-43048647	G	$-9^8 - 7 \cdot (6 + 5) - 43^2 (2 \cdot 1)$	-43049074	G	$-9^8 - 7 \cdot (6 + 54 \cdot 3) \cdot 2 - 1$
-43048652	P	$-(9^8 - 7) - 6 \cdot 5/4 + 3 \cdot 2 \cdot 1$	-43049086	G	$-9^8 + (-7 - 6 \cdot 5) \cdot 4^3 + 2 + 1$
-43048655	P	$-(9^8 - 7) - (6 \cdot 5/4 - 3) \cdot (2 - 1)$	-43049097	G	$-9^8 + (-7 - 65) \cdot (4^3/2 + 1)$
-43048666	G	$-9^8 - 7 - 6 \cdot 5/4 + 3 \cdot 2 \cdot 1$	-43049115	P	$(9^8 + 7 \cdot 6 \cdot (54 + 3)) / (-2 - 1)$
-43048669	G	$-9^8 - (-7 - 6 \cdot 5/4 + 3) \cdot (-2 + 1)$	-43049117	P	$-9^8 - 7 \cdot 6 \cdot (-54 - 3) - 2 \cdot 1$
-43048676	G	$-9^8 + 7 - 65 \cdot 3^2 (2 - 1)$	-43049123	G	$-9^8 + (-7 - 65 \cdot 4) \cdot 3^2 + 1$
-43048679	G	$-9^8 + (-7 - 6 \cdot 5 \cdot 4 \cdot 3) \cdot (2 \cdot 1)$	-43049124	G	$-9^8 + (-7 - 65 \cdot 4) \cdot 3^2 \cdot 2 \cdot 1$
-43048702	P	$-(9^8 + (7 + 65) \cdot 3 - 2) \cdot 1$	-43049156	G	$-9^8 - 7 \cdot 6 \cdot (-5 \cdot 4 \cdot 3 + 2) + 1$
-43048703	P	$-(9^8 + 7) - 6 \cdot 5/4 - 32 + 1$	-43049157	G	$-9^8 - 7 \cdot 6 \cdot (-5 \cdot 4 \cdot 3 + 2) \cdot 1$
-43048705	P	$-(9^8 + 7) - 6 \cdot 5/4 - 32 - 1$	-43049160	G	$-9^8 + (7 - (6 + 5)^4) / (3 \cdot 2) \cdot 1$
-43048720	P	$-(9^8 + (7 \cdot 6 + 5^4) \cdot 3) + 2 \cdot 1$	-43049161	G	$-9^8 + (7 - (6 + 5)^4) / (3 \cdot 2) - 1$
-43048722	P	$(9^8 + (7 \cdot 6 + 5^4) \cdot 3) / (-2 - 1)$	-43049163	G	$-9^8 + (7 \cdot 6 + 5) \cdot (4^3 + 2) \cdot 1$
-43048736	G	$-9^8 - 7 \cdot 6 \cdot (5 + 43/2) - 1$	-43049184	P	$-(9^8 + (76 + 5 - 4) \cdot 3^2) + 1$
-43048737	P	$(9^8 + 7 \cdot 6 \cdot (5 + 43)) / (-2 - 1)$	-43049202	G	$-9^8 - 7 \cdot 6 \cdot (5 - 4 \cdot 3) - 2 - 1$
-43048751	G	$-9^8 - 7 \cdot (-6 \cdot (-5 - 43) + 2) \cdot 1$	-43049213	P	$-(9^8 - (7 - 65) \cdot 4^3 - 2) \cdot 1$
-43048752	G	$-9^8 - 7 \cdot (-6 \cdot (-5 - 43) + 2) - 1$	-43049247	P	$-(9^8 + 7 \cdot 6 \cdot (5/4 + 32)) + 1$
-43048761	G	$-9^8 - 7 \cdot 6 \cdot (4/3 \cdot 2 \cdot 1)$	-43049248	P	$-(9^8 + 7 \cdot 6 \cdot (5/4 + 32)) \cdot 1$
-43048765	P	$-(9^8 + 7 \cdot (6 \cdot 5 \cdot 4 + 32)) \cdot 1$	-43049254	G	$-9^8 - 7 \cdot (6 \cdot 5 \cdot 4 \cdot 3 + 2) + 1$
-43048769	G	$-9^8 + (7 + 6 - 5)^4 \cdot (-3/2 + 1)$	-43049255	G	$-9^8 - 7 \cdot (6 \cdot 5 \cdot 4 \cdot 3 + 2) \cdot 1$
-43048779	G	$-9^8 - 7 \cdot 6 \cdot (5 - 4 \cdot 3)^2 \cdot 1$	-43049271	P	$-(9^8 + 7 \cdot 6 \cdot (4/3 + 2)) \cdot 1$
-43048780	G	$-9^8 - 7 \cdot 6 \cdot (5 - 4 \cdot 3)^2 - 1$	-43049284	P	$-(9^8 + 7 \cdot (65 - 4) \cdot 3^2) - 1$
-43048786	P	$-9^8 + 7 \cdot (-6 + (5 + 4 \cdot 3)^2) \cdot 1$	-43049286	G	$-9^8 + (7 - 6 \cdot 5 \cdot 4^3) \cdot 2 + 1$
-43048787	P	$-9^8 + 7 \cdot (-6 + (5 + 4 \cdot 3)^2) - 1$	-43049289	P	$-9^8 - 7 \cdot (-65 - 432) + 1$
-43048794	P	$-9^8 + 7 - 65 \cdot (-4^3/2 \cdot 1)$	-43049294	G	$-9^8 + 7 - 6 \cdot 5 \cdot 4^3 \cdot (2 \cdot 1)$
-43048804	G	$-9^8 + 76 - 5 \cdot 4^3 + 1$	-43049297	G	$-9^8 + 7 \cdot (65 - 432 - 1)$
-43048809	G	$-9^8 + (-7 + 65) \cdot 4 \cdot (3^2 \cdot 1)$	-43049314	G	$-9^8 + 7 - 65 \cdot (43 - 2 - 1)$
-43048814	G	$-9^8 + (-7 - 6) \cdot (5 \cdot 4^3/2 + 1)$	-43049321	G	$9^8 / (-7 + 6) - (54 - 3)^2 + 1$
-43048821	P	$-(9^8 - ((-76 - 5^4) \cdot 3 + 2)) + 1$	-43049324	G	$-9^8 - 7 \cdot 6 \cdot (5 \cdot 4 \cdot 3 + 2) + 1$
-43048822	P	$-(9^8 - ((-76 - 5^4) \cdot 3 + 2)) \cdot 1$	-43049336	P	$-(9^8 + 765) - 43^2 - 1$
-43048825	P	$-(9^8 + (76 + 5^4) \cdot 3) - 2 + 1$	-43049351	P	$-(9^8 + 7 + 6 \cdot (5 + 432)) - 1$
-43048827	P	$-(9^8 + (76 + 5^4) \cdot 3) - 2 - 1$	-43049369	G	$-9^8 + (-7 - 6 \cdot 5^4) \cdot 3^2 (2 - 1)$
-43048836	P	$-(9^8 + (7 \cdot 6 + 5) \cdot (43 + 2)) \cdot 1$	-43049383	P	$-9^8 - 7 \cdot 6 \cdot 5 \cdot (-4 - 3) - 2 \cdot 1$
-43048837	P	$-(9^8 + (7 \cdot 6 + 5) \cdot (43 + 2)) - 1$	-43049408	G	$-9^8 - 7/6 \cdot (-5 - 43)^2 + 1$
-43048848	G	$-9^8 - 7 \cdot (6 \cdot (54 - 3) - 2) + 1$	-43049409	G	$-9^8 - 7/6 \cdot (-5 - 43)^2 \cdot 1$
-43048849	G	$-9^8 - 7 \cdot (6 \cdot (54 - 3) - 2) \cdot 1$	-43049419	P	$-9^8 - 7 \cdot 6 \cdot (-5 - 4 \cdot 3/2) + 1$
-43048852	P	$-9^8 + (-7 - 6) \cdot (-54 \cdot 3 - 2) + 1$	-43049426	G	$-9^8 - (7 \cdot 65 + 4) \cdot 3^2 + 1$
-43048853	P	$-9^8 + (-7 - 6) \cdot (-54 \cdot 3 - 2) \cdot 1$	-43049442	P	$-(9^8 + ((76 + 5) + 4) \cdot 3^2) - 1$
-43048857	P	$-9^8 - 7 \cdot (-65 + 4) \cdot (-3 + 2) - 1$	-43049457	G	$-9^8 - 7 \cdot 6 \cdot (54/3 \cdot 2 \cdot 1)$
-43048862	G	$-9^8 - 7 \cdot 6 \cdot (54 - 3) + 2 - 1$	-43049458	G	$-9^8 + 7 + (6 - 5 \cdot 4) \cdot 3^2 (2 - 1)$
-43048880	G	$9^8 / (-7 + 6) - 5 \cdot 4^3 + 1$	-43049469	P	$-(9^8 + 7) + (6 - 5 \cdot 4)^3 + 2 + 1$
-43048893	P	$-(9^8 + 7) - 6 - 5 \cdot 4^3 + 1$	-43049471	P	$-(9^8 + 7) + (6 - 5 \cdot 4)^3 + 2 - 1$
-43048896	P	$-(9^8 + (7 + 65 - 4) \cdot 3^2) + 1$	-43049489	G	$-9^8 + (-7 - 6) \cdot (5 \cdot 4^3 - 2) + 1$
-43048901	G	$-(9^8 + 7 - 6 \cdot (5 + 4) \cdot 3/2 \cdot 1)$	-43049493	G	$-9^8 - 7 \cdot (-6 - 5) \cdot 4 \cdot 3^2 \cdot 1$
-43048902	G	$-9^8 + 7 - 6 \cdot (5 + 4) \cdot 3/2 - 1$	-43049494	G	$-9^8 - 7 \cdot (-6 - 5) \cdot 4 \cdot 3^2 - 1$
-43048905	G	$-9^8 - 7 \cdot 6 \cdot (5 \cdot 4 + 32) \cdot 1$	-43049503	P	$-9^8 + (-7 - 6) \cdot (-5 \cdot 4^3 + 2) + 1$
-43048915	P	$-(9^8 + 7) - 6 \cdot (5 + 4) \cdot 3/2 \cdot 1$	-43049533	G	$-9^8 - 7 \cdot 6 \cdot (54/3 \cdot 2 + 1)$
-43048916	P	$-(9^8 + 7) - 6 \cdot (5 + 4) \cdot 3/2 - 1$	-43049541	P	$-9^8 + (-7 - 6) \cdot (-5 \cdot 4^3 - 2) + 1$
-43048919	G	$-9^8 + 7 \cdot (6 - 5 \cdot 4^3)^2 (2 - 1)$	-43049564	G	$-9^8 + (7 - 65) / (4 + 3)^2 - 1$
-43048922	P	$-(9^8 + 7 \cdot 6) - 5 \cdot 4^3 + 1$	-43049573	P	$-(9^8 - (7 - 6 \cdot 5^4) / 3^2 - 2) + 1$
-43048925	G	$-9^8 - 7 \cdot 6 \cdot (54 - 3/2) + 1$	-43049620	P	$-(9^8 + 7 \cdot (65 + 4) \cdot 3^2) - 1$
-43048926	G	$-9^8 - 7 \cdot 6 \cdot (54 - 3/2) \cdot 1$	-43049631	G	$-9^8 + (-76 + 5) \cdot (43 - 2) + 1$
-43048937	P	$-(9^8 + 7 + ((6 + 5) \cdot 4 + 3)^2) \cdot 1$	-43049646	G	$-9^8 - 7 \cdot (-6 + 5 \cdot 4^3) \cdot 2 + 1$
-43048950	P	$-(9^8 + 7 \cdot 6 \cdot 5) - 43^2 (2 \cdot 1)$	-43049660	G	$-9^8 - 7 \cdot 6 \cdot 5 \cdot (4 \cdot 3 + 2) + 1$
-43048954	G	$-9^8 - 7 \cdot (6 \cdot 5 \cdot 4 - 3 - 2) \cdot 1$	-43049661	G	$-9^8 - 7 \cdot 6 \cdot 5 \cdot (4 \cdot 3 + 2) \cdot 1$
-43048956	P	$-(9^8 + 76) - 5 \cdot 4^3 + 1$	-43049672	G	$-9^8 + (-7 - 65) \cdot (43 - 2) + 1$
-43048965	P	$-(9^8 + 7 \cdot (6 \cdot 5 \cdot 4 - 3) - 2) + 1$	-43049688	P	$-(9^8 - 7 \cdot (6 - 5 \cdot 4^3 \cdot 2)) + 1$
-43048971	G	$-9^8 - 7 \cdot (6 \cdot 5 \cdot 4 - 3) - 2 - 1$	-43049699	P	$-9^8 + (-7 - 6 \cdot 5^4) \cdot 3^2 + 1$
-43048982	P	$-9^8 - 7 \cdot 6 \cdot (-5/4 - 32) - 1$	-43049731	G	$-(9^8 + (7 \cdot 6 + 5) / 4^3 - 3 + 2) \cdot 1$
-43048986	G	$-(9^8 + 7) - 6 \cdot (5 + 4 \cdot 3) / (2 - 1)$	-43049755	G	$-9^8 - (76 \cdot 5 \cdot 4 - 3) \cdot 2 \cdot 1$
-43049004	P	$(9^8 + (765 - 4) \cdot 3) / (-2 - 1)$	-43049761	G	$-9^8 - 7 \cdot 6 \cdot 5/4 \cdot (3^2 \cdot 1)$
-43049007	P	$-(9^8 + (765 - 4) \cdot 3) - 2 - 1$	-43049767	G	$-9^8 + (76 \cdot 5 \cdot 4 - 3) \cdot 2 \cdot 1$
-43049012	G	$-9^8 + 7 + 6 - (5 + 4 \cdot 3)^2 \cdot 1$	-43049773	G	$-9^8 - 7 \cdot 65 \cdot (3/2 \cdot 1)$
-43049013	G	$-9^8 + 7 + 6 - (5 + 4 \cdot 3)^2 - 1$	-43049774	G	$-9^8 + (-76 + 5) \cdot 4^3 (2 - 1)$
-43049028	P	$(9^8 + (765 + 4) \cdot 3) / (-2 - 1)$	-43049790	P	$-(9^8 + 765 \cdot 4) - 3^2 (2 \cdot 1)$
-43049037	P	$-(9^8 + 7 + 6 + (5 + 4 \cdot 3)^2) + 1$	-43049809	P	$-(9^8) + 7 + (6 - 5 \cdot 4) \cdot ((3 + 2) \cdot 1)$

-43049815	G	$-9^8-7^*(6+5+432-1)$	-43050460	G	$-9^8+7-6^*5^4+3+2-1$
-43049817	P	$(9^8+(7+65)*43)/-(2-1)$	-43050465	G	$(9^8-7+6^*5^4)/(-3+2)-1$
-43049820	P	$-(9^8+(7+65)*43)-2-1$	-43050471	G	$-9^8+7-6^*5^4-3^*2-1$
-43049834	G	$-9^8+7+6-5^4(4+3-2)-1$	-43050472	P	$-(9^8+7)-6^*5^4+3+2+1$
-43049838	G	$-9^8-76^*(5+4+32)-1$	-43050474	P	$-(9^8+7)-6^*5^4+3+2-1$
-43049851	G	$-9^8+(-7+6-5^4)*(3+2^*1)$	-43050480	P	$(9^8-7^*(6-543))/-(2-1)$
-43049856	G	$-9^8-76^*5/4^*(32+1)$	-43050495	P	$-(9^8-7^*(6-(543+2)))-1$
-43049870	G	$-9^8+7+(-6-5^4)*(3+2)-1$	-43050497	G	$-9^8+7-6^*5^4-32-1$
-43049879	P	$-9^8-7^*(-6-5)^*(-43-2)-1$	-43050500	P	$-9^8+7-6^*(-(5^4+3^*2)^*1)$
-43049883	P	$-(9^8+7)+(-6-5^4)*(3+2)^*1$	-43050512	G	$-9^8+7-6^*(5^4+3^2-1)$
-43049884	P	$-(9^8+7)+(-6-5^4)*(3+2)-1$	-43050522	G	$-9^8-76^*(5+43+2)-1$
-43049889	G	$-9^8-7^*6-5^4(4+3-2)-1$	-43050532	P	$-(9^8+7)-6^*(5^4+3^2)^*1$
-43049903	P	$-(9^8-7^*65^*(-4-3)-2)+1$	-43050533	P	$-(9^8+7)-6^*(5^4+3^2)-1$
-43049904	P	$-(9^8-7^*65^*(-4-3)-2)^*1$	-43050543	G	$-9^8-7^*(6+543-2-1)$
-43049908	P	$-9^8-7^*65^*(-4-3)-2^*1$	-43050546	P	$-(9^8-765^*(4-3^2))^*1$
-43049915	G	$-9^8+(-76+5)^*(43+2)+1$	-43050547	P	$-(9^8-765^*(4-3^2))-1$
-43049968	P	$-(9^8+7)-6^*(543-(2+1))$	-43050548	G	$-9^8+7-6^*(5^4+3^2-1)$
-43049997	P	$-(9^8+7+6^*(543+2))+1$	-43050554	G	$-9^8+7-6^*(5^4+3^2)^*1$
-43050014	G	$-9^8+(-76+5^4)^*-3^2+1$	-43050563	G	$-9^8-7^*(6+543)+2-1$
-43050018	P	$-9^8-7^*(-(-6-5)^*43+2)^*1$	-43050568	P	$-(9^8+7)-6^*5^4+3^*(2^*1)$
-43050019	P	$-9^8-7^*(-(-6-5)^*43+2)-1$	-43050569	G	$-9^8+7-(-6^5+4^3)/-2+1$
-43050025	G	$-9^8+(-7-654)^*(3+2)+1$	-43050600	G	$-9^8+7+(-6^5+4)^*(3/2-1)$
-43050033	P	$-9^8+(-7+6^*5)^*(-(4^*3)^2)^*1$	-43050611	G	$-9^8+(-7-6^5+4-3)/2+1$
-43050041	G	$-9^8+(-76-5)^*(43-2)+1$	-43050612	G	$-9^8+(-7-6^5+4-3)/2^*1$
-43050047	P	$-(9^8+76+(54+3)^2)-1$	-43050614	P	$-(9^8+7)-(6^5-4)^*(3/2-1)$
-43050052	G	$-9^8+765-4^4(3^2)^*1$	-43050617	G	$-9^8-7-6^5/(4-3)/2-1$
-43050064	G	$-9^8+76^*(5-(4+3)^2)+1$	-43050634	G	$-9^8-(-7-6^5-43)/-2^*1$
-43050088	P	$-9^8-7^*(-(-6-(5+4))^*32+1)$	-43050638	G	$-9^8+7-654^*3^2^*1$
-43050104	G	$-9^8+(76^*-5+4)^*3^2+1$	-43050649	G	$-9^8-7+(-6^5-4^3)/2-1$
-43050110	P	$-(9^8+7/(65-43)^{-2})-1$	-43050662	G	$-9^8+7-6^*(5^4+32+1)$
-43050116	P	$-(9^8-7)-6^5^*(-(4/3)^{-2+1})$	-43050671	P	$-(9^8+7)-6^*(5^4+32)-1$
-43050141	G	$-9^8-76^*(5+43-2-1)$	-43050673	P	$-(9^8+76^*(5^4+32))^*1$
-43050142	G	$-9^8-76^*(54-3^2)-1$	-43050684	G	$-9^8+7-(6+54+3)^2-1$
-43050170	G	$-9^8+7-6^5^*4^*(3^2-2^*1)$	-43050688	G	$-9^8+(-7-654)^*3^2-1$
-43050176	P	$-(9^8+(7+6-5)^*432)+1$	-43050690	G	$-9^8-((7-6)^5-4^3)^2^*1$
-43050184	P	$-9^8-76^*(-(-6-5)^*43+2)^*1$	-43050691	G	$-9^8-((7-6)^5-4^3)^2-1$
-43050204	P	$(9^8+(76+5)^*43)/-(2-1)$	-43050698	P	$-(9^8+7+(6+54+3)^2)-1$
-43050206	P	$-(9^8+(76+5)^*43)-2^*1$	-43050711	G	$-9^8-76^*(54-3/2)^*1$
-43050207	P	$-(9^8+(76+5)^*43)-2-1$	-43050736	G	$-9^8+76+5-4^4(3+2+1)$
-43050225	G	$-9^8+(-76-5^4)^*(3+2)+1$	-43050740	G	$-9^8-7^*(-6-5)-4^4(3^2)^*1$
-43050226	G	$-9^8+(-76-5^4)^*(3+2)^*1$	-43050745	P	$-9^8+7-65^*(-(4^3+2)-1)$
-43050231	G	$-9^8+(-7-6)^*54^*(3+2)^*1$	-43050746	P	$-(9^8-(76-5))-4^4(3^*(2^*1))$
-43050232	G	$-9^8+(-7-6)^*54^*(3+2)-1$	-43050752	G	$-9^8-7^*(6+54/3)^2+1$
-43050245	G	$-9^8+76-(5^4+3)^2^*1$	-43050754	G	$-9^8-7^*(6+54/3)^2-1$
-43050249	P	$-9^8+(7+65)/-(4+3)^{-2^*1}$	-43050759	P	$-(9^8+7)-65^*(4^3-2)-1$
-43050250	P	$-9^8+(7+65)/-(4+3)^{-2-1}$	-43050770	P	$-(9^8-7^*6)+5-4^4(3^*(2^*1))$
-43050308	G	$-9^8+7+6-(5^4+3)^2^*1$	-43050779	G	$-9^8+7(7^*-65+4)^3^2+1$
-43050319	P	$-9^8-7^*(-(65^*-4+3)^2)^*1$	-43050799	G	$-9^8+7+6+5-4^4(3^2)^*1$
-43050329	G	$-9^8+(7^*-65+4)^*(3^2-1)$	-43050809	G	$-9^8+7-65^*(4^3-2+1)$
-43050332	G	$-9^8-7^*6^*(54+32)+1$	-43050834	P	$-(9^8+76^*54)-3^4(2^*1)$
-43050340	G	$-9^8-7^*(6^*(54+32)+1)$	-43050835	P	$-(9^8+7+6+5)-4^4(3^2)^*1$
-43050355	G	$-9^8+(7^*65^*-4+3)^*(2^*1)$	-43050840	G	$-9^8+7-6^5-4^4(3^2)^*1$
-43050362	P	$-(9^8-7^*65)-4^4(3^2)^*1$	-43050854	P	$-(9^8+7^*6-5)-4^4(3^2)^*1$
-43050363	P	$-(9^8+7^*6)-(5^4+3)^2(2^*1)$	-43050863	G	$-9^8-76^*(54+3/2-1)$
-43050382	G	$-9^8+7^*(6-(5^4+3)^2)^*1$	-43050864	P	$-(9^8+7^*6)-5-4^4(3^2)^*1$
-43050394	G	$-9^8+7-(6^5-4^4(3^*(2^*1)))$	-43050871	G	$-9^8+7-65^4+3+2+1$
-43050396	P	$-(9^8+76+(5^4+3)^2)+1$	-43050875	P	$-(9^8-(7-65))-4^4(3^*(2^*1))$
-43050397	P	$-(9^8+76+(5^4+3)^2)^*1$	-43050882	P	$-(9^8+(7+6)^*5^4+3+2)+1$
-43050404	G	$-9^8-7^*(65^4+3)^2-1$	-43050886	P	$-(9^8+7)-65^4+3+2^*1$
-43050408	P	$-(9^8+7+6^5)+4^4(3+2+1)$	-43050890	P	$-(9^8+7+65/4^4-3+2)^*1$
-43050409	G	$-9^8+7-(6^*(5^4-3^2)-1)$	-43050894	G	$-9^8-7^*(6+5)-(4^4(3^2)^*1)$
-43050429	G	$-9^8+7-6^*(5^4-3^2)-1$	-43050908	P	$-(9^8+(7+6)^*(5^4+3+2))-1$
-43050430	P	$-(9^8+7)-6^*(5^4-(3^2-1))$	-43050915	G	$-9^8-7^*(6-(5^4+32))-1$
-43050431	G	$-9^8+7-6^*5^4+32+1$	-43050921	P	$-9^8-7/6^*(5^*-4^*3)^{-(-2^*1)}$
-43050437	P	$-(9^8-76^*5)-4^4(3^2)^*1$	-43050939	G	$-9^8-76^*(54+3/2^*1)$
-43050440	G	$-9^8+7-6^*(5^4-3-2+1)$	-43050977	G	$-9^8-76^*(54+3-2+1)$
-43050445	P	$-(9^8+7)-6^*5^4+32+1$	-43050992	P	$-9^8-7^*(-(6-(5^4-3^2)))-1$
-43050446	P	$-(9^8+7)-6^*5^4+32^*1$	-43051011	P	$-9^8-7^*(-(6-5^4+3^2)+1)$
-43050448	P	$-(9^8+7)-6^*(5^4-3-2)^*1$	-43051033	P	$-9^8+7^*(6+(-5^4+3)^{-(-2+1)})$
-43050459	G	$-9^8+7-6^*5^4+3+2^*1$	-43051034	P	$-(9^8-7)+6^5^*(4^3-2-1)$

-43051046	G	$-9^8 - (-7*(6-5^4) - 3^2) - 1$	-43052222	G	$-9^8 - (7 - (6-5^4)^3)^*2+1$
-43051050	G	$-9^8 - 76*(54+3)+2+1$	-43052271	P	$-9^8 + (-7-6)^* - (5-432)+1$
-43051057	G	$-9^8 + (7*(-6+5^4)+3)^*(-2+1)$	-43052285	P	$-9^8 + 7 + (-6+5^4)^* - (3^2*1)$
-43051064	G	$-9^8 - (-7*(6-5^4)+3^2) - 1$	-43052304	P	$-9^8 + 7 - 65^* - (-43^*2*1)$
-43051082	P	$-9^8 + 7^*(-(654-32) - 1)$	-43052307	G	$-9^8 - 7*6*(5+4*32)^*1$
-43051085	P	$-(9^8+7+(65+4-3)^2) - 1$	-43052329	G	$-9^8 + (-76-5^4)^*(3^2-1)$
-43051107	G	$-9^8 - 7*(6+5^4)+32-1$	-43052338	G	$-9^8 + (-7+6+5^4)^* - 3^2-1$
-43051114	P	$-(9^8+7) - 6*((5+4)^3+(2*1))$	-43052345	G	$9^8/(-7+6) - 5^4*3^2+1$
-43051118	G	$-9^8 - 7*(-6-5^*-4^3)^*2-1$	-43052347	G	$9^8/(-7+6) - 5^4*3^2-1$
-43051123	P	$-(9^8+(76-5)^*(4^3-2))^*1$	-43052389	G	$-9^8 + (-7-6)^*(5+432-1)$
-43051129	P	$-(9^8+76*(5^4*3-2))^*1$	-43052401	G	$-9^8 + (-7-6)^*(5+432)+1$
-43051147	P	$-9^8 - 7*(6+5^4) - 3^2 - (-2*1)$	-43052496	G	$-9^8 - 76^*(-5+43)^*2+1$
-43051160	P	$-(9^8 - 7*(6-5^4*3^2)) - 1$	-43052510	G	$-9^8 - 7^*(-6^*(-5-4^3)^*2-1)$
-43051171	P	$-(9^8+7*(6+5^4)+32) - 1$	-43052544	G	$-9^8 + (-7+654)^*(-3^2*1)$
-43051174	G	$-9^8 - 7*(6+5^4+3+2) - 1$	-43052545	P	$-9^8 - 7^*(-(-6-5^4)^*32*1)$
-43051179	G	$-9^8 - 7*(6+5^4+3^2)+1$	-43052549	G	$-9^8 + (7*6+5)^*-4*(32-1)$
-43051197	P	$-(9^8+76*5) - 4^*(3^2*1)$	-43052552	P	$-9^8 - 7^*(-(-6-5^4)^*32+1)$
-43051243	P	$-(9^8+7*(6+5^4*32))^*1$	-43052559	G	$-9^8 - 7^*-6*(5 - (-4^3)^*(2*1))$
-43051251	G	$-9^8 + (7*6^*-54+3)^*(2*1)$	-43052573	P	$-(9^8+(7+6^5/4)^*3-2) - 1$
-43051271	G	$-9^8 - 7*(654-3-2+1)$	-43052601	P	$-9^8 - 7*(6^*5^*-(-4-32)^*1)$
-43051292	G	$-9^8 - 7*(654 - (3-2*1))$	-43052654	G	$-9^8 - 7 - 6^5+43^2+1$
-43051306	P	$-(9^8+7*654) - 3^*2-1$	-43052658	P	$-(9^8+7+(65+4*3)^2) - 1$
-43051308	P	$-(9^8+7*654) - 3^*(2*1)$	-43052669	G	$-9^8 + (-7-654)/3^2-2+1$
-43051309	G	$-9^8 + (7^*-6+5)^*4*(32-1)$	-43052727	G	$-9^8 - 7*6*((-5-4-3)^2-1)$
-43051358	P	$-9^8 - 76^* - (5 - (4^3+2)) - 1$	-43052784	G	$-9^8 + (7*6+5)^*(-4*32-1)$
-43051363	G	$-9^8 - 7*(6+5^4+32) - 1$	-43052813	P	$-(9^8+7+((6+5^4)^3)^2) - 1$
-43051458	G	$-9^8 + (-7-6^5)^*4*32-1$	-43052834	P	$-(9^8-7)+6*((5-4^*(3+2)) - 1)$
-43051467	P	$-(9^8 - (7 - (6+5)^*432)) - 1$	-43052841	P	$-(9^8+7)+6*(5-4^*(3+2))+1$
-43051469	P	$-9^8 - 7 - (-6-5)^* - (432-1)$	-43052842	P	$-(9^8+7)+6*(5-4^*(3+2))^*1$
-43051517	P	$-9^8 + (-7*(6-5))^4+3)^*(2*1)$	-43052846	G	$-9^8 - (765^4+3)^*2+1$
-43051522	G	$-9^8 - 7*(654+32)+1$	-43052871	P	$-9^8 + (-7+6-5)^*(4^*(-3-2)+1)$
-43051530	P	$-(9^8+((7/(6-5))^4+3)^*2) - 1$	-43052877	G	$-9^8 - 76^*-54^*(-3/2*1)$
-43051572	G	$-9^8 - 7*(-6-5)^*(-4^3+2-1)$	-43052894	P	$-(9^8-7) - 6^*(5+4^*(3+2)+1)$
-43051597	G	$-9^8 + (-7+(6+5)^4)/-3+2*1$	-43052898	G	$-9^8 + (-76+5)^*(4^3*2+1)$
-43051600	G	$-9^8 + (-7+(6+5)^4)/-3-2+1$	-43052901	P	$-(9^8+7) - 6^*(5+4^*(3+2))+1$
-43051620	P	$-9^8 - (7+6+54+3)^2+1$	-43052979	G	$-9^8 - 7^*-6*((-5-4^3)^2)^*1$
-43051635	P	$-9^8 - 7^* - ((-6-5)^*4^3+2)^*1$	-43052980	G	$-9^8 - 7^*-6*((-5-4^3)^2) - 1$
-43051650	P	$-(9^8+7*(6+5)^4^3) - (2-1)$	-43052986	G	$-9^8 - 7^*(-6^*(-5 - (4^3)^2)+1)$
-43051662	P	$-(9^8 - (76-5^4)^*3^2)^*1$	-43053022	G	$-9^8 - 7*(6^5/(4-3))^2-1$
-43051676	G	$-9^8 + 7^*6^*(-5+4^3)^*2+1$	-43053026	G	$-9^8 + (-7-6)^*(54^3*2-1)$
-43051729	G	$-9^8 + (-7+6-5^4)^*(3^2-1)$	-43053028	G	$-9^8 - 7*((6/5^(-4+3))^2+1)$
-43051744	P	$-(9^8+(76+5)^*(4^3-2)) - 1$	-43053029	G	$-9^8 + (-76-5^4)^*3^2+1$
-43051760	G	$-9^8 + 76 - 5*(4^*(3+2) - 1)$	-43053038	G	$-9^8 + (-7-6)^*54/3^2-2+1$
-43051761	G	$-9^8 - 7*(6^5*4^3*2*1)$	-43053092	G	$-9^8 - 7*65^*(4^3+2) - 1$
-43051781	G	$-9^8 + 7*(6+(-5-4)^3)+2-1$	-43053098	G	$-9^8 - 7^*(-65^*(-4-3)^*2+1)$
-43051782	P	$(9^8 - 7*(6 - (5+4)^3))/(-2-1)$	-43053120	P	$-(9^8+(7+6^5+43)^2)+1$
-43051785	P	$-9^8 - (7^* - (6 + (-5-4)^3)+2) - 1$	-43053122	P	$-(9^8+(7+6^5+43)^2) - 1$
-43051796	G	$-9^8 - 7^*(-6 - (-5-4)^3+2)^*1$	-43053200	P	$-9^8 + (-7-6-5)^4* - (-3+2)+1$
-43051804	P	$-(9^8+7*(6+5)^*(4^3+2)) - 1$	-43053201	P	$-9^8 + (-7-6-5)^4* - (-3+2)^*1$
-43051814	G	$-9^8 - 76^*(5 - (-4^3+2)) - 1$	-43053230	G	$-9^8 + 7 - 6^5*43^*2*1$
-43051822	P	$-(9^8 - 7*(6/-54)^{-3-2})^*1$	-43053250	P	$-(9^8+(7+6^5*543)^*2)+1$
-43051824	P	$(9^8+7*(6/54)^{-3})/(-2-1)$	-43053254	G	$-9^8 + 7 - 654*(3^2+1)$
-43051825	G	$-9^8 + (-7 - (6+5^4))^*(3^2-1)$	-43053266	G	$-9^8 - 7^*(-6-5)^*(-43^*2+1)$
-43051829	G	$-9^8 + 7 + 6 - 5^4*(3+2) - 1$	-43053268	P	$-(9^8+7) - 654*(3^2+1)$
-43051852	P	$-(9^8+7*(6+(5+4)^3-2))^*1$	-43053281	P	$-(9^8+(76+5/(4-3))^2)+1$
-43051853	P	$-(9^8+7*(6+(5+4)^3-2)) - 1$	-43053312	G	$-9^8 - (7*6^5-4)^*32+1$
-43051864	P	$-9^8 + 7^* - (6+(5+4)^3)^*2+1$	-43053313	G	$-9^8 - (7*6^5-4)^*32*1$
-43051865	P	$-9^8 + 7^* - (6+(5+4)^3)^*2-1$	-43053331	G	$-9^8 + (-7-654)^*(3^2+1)$
-43051869	G	$-9^8 - (7*(6+(5+4)^3)+2) - 1$	-43053333	P	$-9^8 + 76^*(-(54+32) - 1)$
-43051897	G	$-9^8 + (-7+654)^*(-3^2+1)$	-43053435	P	$-9^8 - 7^*(-65+4^*(-3-2)) - 1$
-43051904	G	$-9^8 + (-76-5)^4^3+2-1$	-43053464	G	$-9^8 + 7 + (6+5+4)^3*(-2*1)$
-43051906	P	$-(9^8+(76+5)^4^3+2)+1$	-43053489	P	$-9^8 + (7*6+5)^* - (4^3)^2*1$
-43051912	P	$-9^8 - 7 - 6^5* - (4/3-2^+1)$	-43053490	P	$-9^8 + (7*6+5)^* - (4^3)^2-1$
-43051965	P	$(9^8+76*(5+4^3))/(-2-1)$	-43053569	G	$-9^8 + (-765+4)/3^2-2+1$
-43052042	G	$-9^8 - 76^*5*(4^3+2) - 1$	-43053599	P	$-9^8 + (7+6)^* - (5^4+3)^2-1$
-43052160	P	$-9^8 - 7^*(-(65^4*3-2) - 1)$	-43053602	G	$-9^8 - 7^*(6*(54^3+2) - 1)$
-43052167	P	$-(9^8+7*(65^4*3-2))^*1$	-43053607	G	$-9^8 - 765^*(4+3+2) - 1$
-43052202	G	$-9^8 + 7 + (6-5^4)^3*(2*1)$	-43053609	G	$-9^8 - 7*6^*(54^3+2)^*1$
-43052215	P	$-(9^8+7)+(6-5^4)^3*2+1$	-43053610	G	$-9^8 - 7*6^*(54^3+2) - 1$
-43052217	P	$-(9^8+7)+(6-5^4)^3*2-1$	-43053634	G	$-9^8 + ((-7+6-5)^4)^3/2-1$

-43053641	G	$-9^8+(-765-4)/3^{-2}+1$	-43054913	P	$-9^8+(-7-(6-5))*(4^4-(-3-2)*1)$
-43053680	G	$-9^8-7*(-6^5+4^4(3+2))-1$	-43054921	P	$-9^8+(-7-(6-5))*(4^4-(-3-2)+1)$
-43053753	G	$-9^8+(-7-6)*(543-2)+1$	-43054923	G	$-9^8+(76^*-54+3)*2^*1$
-43053780	P	$(9^8+(7+6)*543)/(-2-1)$	-43054950	G	$-9^8+(-7-6)*(5^4+3^2-1)$
-43053782	P	$-(9^8+(7+6)*543)-2^*1$	-43054963	G	$-9^8+(-7-6)*(5^4+3^2)*1$
-43053805	G	$-9^8+(-7-6)*(543+2)+1$	-43055026	G	$-9^8+(7-65/4^{-3})*2+1$
-43053806	G	$-9^8+(-7-6)*(543+2^*1)$	-43055034	P	$-9^8+7-65^*(-4^*32^*1)$
-43053921	G	$-9^8-((7/(6-5))^4*3-2-1)$	-43055048	P	$-(9^8+7)-65*(4^3*2^*1)$
-43053924	G	$(9^8+(7*(6-5))^4*3)/(-2+1)$	-43055054	P	$-(9^8+(7+65/4^{-3})*2)+1$
-43053946	P	$-(9^8+(7+(6^5-4)*3)^2)*1$	-43055113	P	$-(9^8+7)-65*(4^3*2+1)$
-43054016	G	$-9^8+76^*(-5-43)*2+1$	-43055122	G	$-9^8+(-7^4(6-5+4)+3)/2+1$
-43054045	G	$-9^8+(7+(6+5)^4)*(-3/2+1)$	-43055131	P	$-9^8+(-7+65)*(-5*(4+3)^2-1)$
-43054046	P	$-(9^8+7)-(-(6+5)^4+3)/-2+1$	-43055255	G	$-9^8+7*(6-(5*(4+3))^2)-1$
-43054049	P	$-(9^8+7)-((6+5)^4+3)/2+1$	-43055275	G	$-9^8+(-7-6)*(5^4+32+1)$
-43054057	G	$-9^8+7-6^5+432+1$	-43055331	G	$-9^8-7*6^5*(43-2^*1)$
-43054079	P	$-(9^8+7)+6^*-5*(4+3)^2-1$	-43055338	P	$-9^8+7^*(-6+(5*(4+3))^2)*1$
-43054087	G	$-9^8+(-7+65)*(-4^*32+1)$	-43055339	P	$-9^8+7^*(-6+(5*(4+3))^2)-1$
-43054093	P	$-9^8-76^*(-(-5-43)*2+1)$	-43055344	G	$-9^8-7*(6-(-5^4+3))^2+1$
-43054113	G	$-9^8+(-7+6+5)*(-43^2+1)$	-43055382	G	$-9^8+(-7*(6+5^4)+3)^2-1$
-43054172	G	$-9^8+(7-6*(5^4-3))^2-1$	-43055384	P	$-9^8+7+6^*(-(5-43)^2+1)$
-43054200	G	$-9^8+(7-6/5^4-4+3)^2+1$	-43055393	P	$-(9^8+7+6/(5-43)^2)-1$
-43054228	P	$-(9^8+(7+6/5^4-4-3)^2)+1$	-43055428	G	$-9^8-7*(6+5^4+3)^2+1$
-43054238	G	$-9^8-7*(-6+543)*2+1$	-43055455	P	$-(9^8-(7-6*(5+4)^3)*2)*1$
-43054246	G	$-9^8+(7-6*(5^4-3))^2+1$	-43055463	G	$-9^8+7-6*(5+4)^3*2-1$
-43054272	G	$-9^8-(7-6*(-5^4-3))^2-1$	-43055470	P	$-(9^8+7)-6*((5+4)^3*2-1)$
-43054321	G	$-9^8-76*(5^4*(3+2)*1)$	-43055476	P	$-(9^8+7)-6*(5+4)^3*2^*1$
-43054331	G	$-9^8+(-765+4)*(3^2+1)$	-43055477	P	$-9^8+7-6*(5+4)^3*2-1$
-43054345	P	$-(9^8-7)-(6^5-(4^3)^2)+1$	-43055513	P	$-9^8-7*(6-5^4+3)^2*1$
-43054346	P	$-(9^8-7)-(6^5-(4^3)^2)*1$	-43055516	P	$-(9^8+7+(6+5^4)^3/2)*1$
-43054362	G	$-9^8+7-6^5-4^3*(-2^*1)$	-43055520	P	$-9^8-7*(6-5^4+3)^2+1$
-43054367	P	$-(9^8+7654)+3^2-1$	-43055549	G	$-9^8+(7*(6-5^4)+3)^2*1$
-43054377	G	$-9^8+(-7+65)*-4*(32+1)$	-43055550	G	$-9^8+(7*(6-5^4)+3)^2-1$
-43054385	P	$-(9^8+7654)-3^2-1$	-43055561	G	$-9^8-(-7*(6-5^4)+3)^2*1$
-43054411	G	$-9^8+(-765-4)*(3^2+1)$	-43055596	P	$-9^8-7*(6-(5^4+3))^2+1$
-43054414	P	$-9^8-7*(-(6-543)^2+1)$	-43055688	G	$-9^8-76*(5+4^3)^2+1$
-43054444	G	$-9^8+7-6^5+43+2+1$	-43055730	P	$-9^8-7*(6-5^4+3)^2-1$
-43054447	G	$-9^8+(7-6^5+43)*(2-1)$	-43055780	G	$-9^8-7*(6^4(5-4+3)-2)-1$
-43054458	P	$-(9^8+7)-6^5+43+2+1$	-43055807	P	$-9^8-7*(6^4(5-4+3)-2)^*1$
-43054473	G	$-9^8+76*(-54+3)*2^*1$	-43055821	G	$-9^8-7*65^*-4*(3-2)^*1$
-43054513	P	$-(9^8+7+6^5+4)-3^2+1$	-43055841	G	$-9^8-76*(5^4*3^2*1)$
-43054526	G	$-9^8+7-6^5-4^3*(2^*1)$	-43055842	P	$-9^8-7*(-(654+3)^2+1)$
-43054618	P	$-9^8+7-6^5-4^3*(-2^*1)$	-43055870	G	$-9^8+(7^*-654+3)^2+1$
-43054633	P	$-(9^8-7)-(6^5+(4^3)^2)+1$	-43055882	G	$-9^8-(7^*654+3)^2+1$
-43054634	P	$-(9^8-7)-(6^5+(4^3)^2)*1$	-43055918	G	$-9^8+7*(6-54-3)^2+1$
-43054645	P	$-9^8+76+(5^4)^3*(-2-1)$	-43055923	P	$-(9^8-7^*6)-5^4*3^2+1$
-43054648	P	$-(9^8)+76-(5^4)^3-(2+1)$	-43055926	P	$-9^8-7*(6-54-3)^2+1$
-43054679	G	$-9^8+(7^*-6-(5^4-4)^3)*(-2+1)$	-43055952	P	$-(9^8-(7+6-5/43^2)-1)+1$
-43054708	G	$-9^8+7+(6-(5^4)^3)^2*(2-1)$	-43055960	P	$-(9^8+7+6-5/43^2)-1$
-43054718	P	$-(9^8-7)-6-(5^4)^3+2^*1$	-43055965	P	$-(9^8-(7-6-5/43^2)-1)*1$
-43054728	G	$-9^8+(-7-6)*(5^4-3^2)+1$	-43055971	P	$9^8/-(7-6)-5*(43^2+1)$
-43054734	P	$(9^8+7+6+(5^4)^3)/(-2-1)$	-43055974	P	$-(9^8+7+6)-5*(43^2-1)$
-43054763	P	$-9^8-7^*6+(5^4)^3*(2-1)$	-43055980	P	$-(9^8+7+6-5/43^2)-1$
-43054768	G	$-9^8+(-7-6)*(5^4-3^2)*1$	-43056007	P	$-(9^8+7^*6)-5^4*3^2+1$
-43054769	G	$-9^8+(-7-6)*(5^4-3^2)-1$	-43056013	P	$-(9^8+7^*6)-5*(43^2+1)$
-43054780	G	$-9^8+(-7-6)*(5^4-3-2)+1$	-43056023	P	$-(9^8+7)-65*((4^3)^2-1)$
-43054781	G	$-9^8+(-7-6)*5^4*(32-1)$	-43056047	P	$-(9^8+76)-5*(43^2+1)$
-43054797	P	$(9^8+76+(5^4)^3)/(-2-1)$	-43056051	G	$-9^8-7/6*((-5^4)^3+2)+1$
-43054806	P	$-(9^8+(-7-6)*(-5^4+3))+2-1$	-43056052	G	$-9^8-7/6*((-5^4)^3+2)^*1$
-43054813	P	$-(9^8+7*(6^5-4^3)^2)*1$	-43056129	G	$-9^8-7^*-6*(5^4(43+2)+1)$
-43054814	P	$-9^8+7*(6^5-4^3)^2-1$	-43056171	G	$-9^8-7^*6^5*(43+2^*1)$
-43054832	G	$-9^8+(-7-6)*(5^4-(3-2))+1$	-43056196	P	$-(9^8+(7+6)*(5+4)^3)+2^*1$
-43054833	G	$-9^8+(-7-6)*(5^4-(3-2))^*1$	-43056222	G	$-9^8-76^5*(4-3+2)-1$
-43054839	G	$-9^8+(-7-6)*5^4-3^2+1$	-43056318	P	$-9^8-7*(6-5^4)^3/2-1$
-43054841	G	$-9^8+(-7-6)*5^4+3+2^*1$	-43056325	P	$-9^8-7*(6-5^4)^3/2^*1$
-43054846	P	$(9^8+(-7-6)*5^4)/(-3-(2^*1))$	-43056406	G	$-9^8+(-7+6^5/4)*(-3-2)^*1$
-43054856	G	$-9^8+(-7-6)*5^4-3^2-1$	-43056407	G	$-9^8+(-7+6^5/4)*(-3-2)-1$
-43054858	G	$-9^8+(-7-6)*(5^4+3-2)+1$	-43056477	P	$-9^8+(-7-6^5/4)*(-3-2)-1$
-43054859	G	$-9^8+(-7-6)*(5^4+3-2)*1$	-43056500	G	$-9^8-7*(6-5)*(-4^3+2+1)$
-43054885	G	$-9^8+(-7-6)*(5^4+3^2(2-1))$	-43056584	G	$-9^8-7*(6-5)^*-4^3+2+1$
-43054891	G	$-9^8-76^*-5*(-43/2^*1)$	-43056786	G	$-9^8+7*(6-(5-43)^2)+1$

-43056787	G	$-9^8+7^*(6-(5-43)^2)*1$	-43059723	G	$-9^8-7^*(-6+5^4)*3-2-1$
-43056794	G	$-9^8+7^*(6-(5-43)^2-1)$	-43059740	G	$-9^8-7^*(6+5+43^2)+1$
-43056842	P	$-(9^8-7^*(6-(5+4)^3)^2)+1$	-43059794	G	$-9^8-(-7+6543)^2-1$
-43056850	P	$-9^8-7^*(-(6+(-5-4)^3)^2+1)$	-43059799	G	$-9^8+7-6543^2+1$
-43056864	P	$-(9^8-(7-6^54)^32)+1$	-43059813	P	$-(9^8+7)-6543^2+1$
-43056870	P	$-9^8+7^*(-(6+(5-43)^2)+1$	-43059822	G	$-9^8+(-7-6543)^2-1$
-43056874	G	$-9^8+(-76+5)^*((4*3)^2-1)$	-43059845	P	$-(9^8+7/((6+5^4-4)/3-2))+1$
-43056885	P	$-9^8-7^*(-(6+(-5-4)^3)^2)*1$	-43059846	P	$-(9^8+7/((6+5^4-4)/3-2))^*1$
-43056886	P	$-9^8-7^*(-(6+(-5-4)^3)^2)-1$	-43059874	P	$-9^8-7^*(-(6^5-43^2)^*1$
-43056934	G	$-9^8-7^*((6/54)^{-3*2+1})$	-43059875	P	$-9^8-7^*(-(6^5-43^2)-1$
-43056944	G	$-9^8+(-76+5)^*(4*3)^2+1$	-43059951	G	$-9^8-7^*6^5*(4^3-(2-1))$
-43056968	G	$-9^8-7^*(6+(5+4)^3)^2+1$	-43059968	P	$-(9^8-(7+6)^*(5-4^3(3+2)))^*1$
-43057011	G	$-9^8-7^*6^*(5/(4+3)^{-2*1})$	-43059969	P	$-(9^8-(7+6)^*(5-4^3(3+2)))^*-1$
-43057082	P	$-9^8+7-6^*(-(-54^32^*1)$	-43059972	G	$(9^8-7^*(-6-5^4)^3)/(-2+1)$
-43057208	G	$-9^8+76^*(-5-4^3)^2+1$	-43059981	P	$-9^8+(-7-6)^*(-(5-4^3(3+2))+1)$
-43057331	G	$-9^8-(76-(5-4)^3)^2-1$	-43059986	P	$-9^8-7^*(-(-6-5^4)^3+2)^*1$
-43057360	G	$-9^8-76^*-5*(4-32)+1$	-43060070	G	$-9^8-7^*(-6^*(-5/4^3+2)-1)$
-43057361	G	$-9^8-76^*-5*(4-32)^*1$	-43060076	G	$-9^8-7^*6^*(5^4*3-2)+1$
-43057370	P	$-(9^8+(76-54)^3+2)+1$	-43060077	G	$-9^8-7^*6^*(5^4*3-2)^*1$
-43057372	P	$-(9^8+(76-54)^3+2)-1$	-43060106	G	$-9^8-7^*(6^5/4-32)-1$
-43057437	G	$-9^8-76^*(-5^*(4-32)+1)$	-43060148	G	$-9^8-7^*(6^5*4^3-2)-1$
-43057472	G	$-9^8-7^*(-6+54)^32+1$	-43060168	P	$-9^8-7^*(-(-6-54)^32+1)$
-43057480	G	$-9^8-7^*((-6+54)^32+1)$	-43060176	G	$-9^8-7^*(6^5/4^3-3+2)-1$
-43057634	G	$-9^8-7^*(65^4*3^2-1)$	-43060238	G	$-9^8-7^*(-6^*(-5^4*3^2-1)$
-43057641	G	$-9^8-7^*(65^4*3^2*1)$	-43060244	G	$-9^8-7^*-6^*(-5^4*3^2)+1$
-43057664	G	$-9^8-76^*(5+4+3)^2+1$	-43060245	G	$-9^8-7^*-6^*(-5^4*3^2)^*1$
-43057666	G	$-9^8-76^*(5+4+3)^2-1$	-43060267	P	$-9^8-7^*(-(6^5/4+3^2)-1$
-43057697	P	$-9^8-7^*(-(6-(5+4)^3)^2+1)$	-43060288	P	$-9^8-7^*(-(6^5/4+3^2)-1$
-43057745	P	$-(9^8+(7^*(-6+5-4)^3)^2)+1$	-43060293	P	$-9^8-7^*(-(6^5/4+3+2)+1$
-43057778	P	$-9^8+7-6^*(-(5-43^2)^*1$	-43060297	G	$-9^8-7/(6^5-5^4)+32^*1$
-43057792	P	$-(9^8+7-6^*(5-43^2))^*1$	-43060307	P	$-(9^8+7^*(6^5/4-3))^2-1$
-43057809	P	$-9^8-7^*(-(6-5)^*(4^3)^2)^*1$	-43060308	P	$(9^8+7^*(6^5/4-3))/(-2-1)$
-43057886	P	$-9^8-7^*(-(6-5)^*(-(4^3)^2-1)$	-43060322	G	$-9^8-7^*(6^5/4-3-(-2^*1))$
-43057922	G	$-9^8-7^*(6^5*4/3)^2-1$	-43060349	G	$-9^8-7^*(6^5/4+3)+2-1$
-43057928	G	$-9^8-7^*((6^5*4/3)^2+1)$	-43060361	P	$-(9^8+7/(6^5-5^4)+32)^*1$
-43057948	G	$-9^8+(7-6^5^4)^3+2^*1$	-43060363	P	$-9^8-7^*(-(6^5/4-(3+2))+1$
-43057950	P	$(9^8+(-7-6^*-5^4)^3)/(-2-1)$	-43060372	P	$-9^8-7^*(-(6^5/4-3^2)-1$
-43057978	G	$-9^8+7+(-6-5)^4(3^2-1)$	-43060384	G	$-9^8+7^*(-65+4)^32+1$
-43057990	P	$-(9^8+(7+6^5^4)^3)+2^*1$	-43060392	P	$-9^8-7^*(-(6^5/4-3^2)^*1$
-43058040	P	$-9^8-7^*(-(6-(5+4)^3)^2+1)$	-43060393	P	$-9^8-7^*(-(6^5/4-3^2)-1$
-43058045	P	$-9^8-76^*(5-(-4^3)^2)^*1)$	-43060401	G	$-9^8-76^*5^*(4+32^*1)$
-43058061	G	$-9^8-7^*6^*-54^*(-3-2)^*1$	-43060469	P	$-(9^8+7^*(65^4*3+2))^*1$
-43058131	G	$-9^8-7^*(6^543/2+1)$	-43060545	P	$(9^8+((7-6+5)^4)^3)^*-(-2-1)$
-43058203	G	$-9^8-7654^3/2-1$	-43060546	P	$-(9^8+((7-6+5)^4)^3+2)+1$
-43058304	G	$-9^8+(-76-5)^*((4*3)^2-1)$	-43060574	G	$-9^8-7^*(6^5*4^3+2)-1$
-43058344	G	$-9^8+(-7+6^5/4)^3*2-1$	-43060582	G	$-9^8-7^*6^5*(4^3+2)-1$
-43058377	G	$-9^8+(76^*-5+4)^*(32-1)$	-43060881	P	$-(9^8+(7^*(6-(5^4+3)))^2)+1$
-43058397	G	$-9^8-7+(6^5+4)^*-3/2+1$	-43061127	G	$-9^8+(7^*(6-5))^4*3^2*1$
-43058428	G	$-9^8+(-7-6^5/4)^3*2-1$	-43061128	G	$-9^8+(7^*(6-5))^4*3^2-1$
-43058601	P	$-(9^8+(7+6^*(5^4-3))^2)+1$	-43061152	G	$-9^8+(7^*-65+4)^32+1$
-43058603	P	$-(9^8+(7+6^*(5^4-3))^2)-1$	-43061274	G	$-9^8-7^*(65/(4^3-3^2)-1)$
-43058752	G	$-9^8+(76^*-5+4)^32+1$	-43061281	G	$-9^8-7^*65/(4^3-3^2)^*1$
-43058824	G	$-9^8-7^*(-6^*(-5-4)^32+1)$	-43061323	G	$-9^8+7-(6+5)^4+32^*1$
-43058881	G	$-9^8-76^*(54^3-2)^*1$	-43061352	P	$-9^8+7+(-6+5)^4+3)^*(2-1)$
-43059008	G	$-9^8-(76^*5+4)^32+1$	-43061356	G	$(9^8-7+(6+5)^4)/(-3+2)-1$
-43059185	P	$-(9^8+76^*(54^3+2))^*1$	-43061360	P	$-(9^8+7+(6+5)^4)+3^2(2^*1)$
-43059209	P	$-(9^8-7^*(65-43^2))^*1$	-43061408	G	$-9^8+(7^*-65-4)^32+1$
-43059454	G	$-9^8-7^*(-6^5+43^2)^*1$	-43061410	G	$-9^8+(7^*-65-4)^32-1$
-43059455	G	$-9^8-7^*(-6^5+43^2)-1$	-43061512	G	$-9^8+(-7-6+5)^4*3^2+1$
-43059460	G	$-9^8-7^*-65^*(4-32)+1$	-43061604	G	$-9^8+(7^*-65+4)^*(32+1)$
-43059461	G	$-9^8-7^*-65^*(4-32)^*1$	-43061851	G	$-9^8-((-7-6+54)^3)^2-1$
-43059586	P	$-9^8-7^*(-(6+5-43^2)+1$	-43061884	G	$-9^8-7^*(6+5^432)-1$
-43059587	P	$-9^8-7^*(-(6+5-43^2)^*1$	-43061890	G	$-9^8-7^*(6+5^432+1)$
-43059670	G	$-9^8-7^*(6-(5-43^2))+1$	-43062021	G	$-9^8-765^*(4^*(3+2)^*1)$
-43059671	P	$-9^8-7^*(6-(5-43^2-(-2^*1)))$	-43062024	G	$-9^8+(-7654+3)^2-1$
-43059674	P	$-9^8+7-6^*(-(-5^432^*1)$	-43062036	G	$-9^8+(-7654-3)^2-1$
-43059688	P	$-(9^8+7)-6^5*(4/3^2-1)$	-43062131	G	$-9^8-(-7+6^5-4^3)^2*1$
-43059699	G	$-9^8-7^*((-6+5^4)^3-2-1)$	-43062132	G	$-9^8-(-7+6^5-4^3)^2-1$
-43059718	G	$-9^8-7^*(-(6+5^4)^3+2^*1$	-43062176	G	$-9^8+7^*(-65-4)^32+1$
-43059721	G	$-9^8-7^*(-(6+5^4)^3-2+1$	-43062179	P	$-(9^8-7+(6^5-43)^2)+1$

-43062184	P	$-9^8-7^*(-(-65-4)*32+1)$	-43065417	G	$-9^8-76^*(5^*(-4-3)^2+1)$
-43062185	P	$-9^8+7^*(-(-6-5)*4+3)^2-1$	-43065437	G	$-9^8+(7-6^*5^4)^*(3+2)-1$
-43062193	G	$-9^8-7+(-6^5+43)^*2+1$	-43065491	P	$-(9^8+(7+(6-54)^*3)^2)-1$
-43062236	G	$-9^8-(-7+6^5-4^*3)^*2-1$	-43065493	P	$-9^8+(7+6)/(-5-43)^{-2*1}$
-43062243	G	$-9^8+7+(-6^5+4^*3)^*2-1$	-43065494	P	$-9^8+(7+6)/(-5-43)^{-2}-1$
-43062251	P	$-(9^8-(7-(6^5-4-3)^*2))^+1$	-43065507	G	$-9^8+(-7-6^*5^4)^*(3+2)-1$
-43062257	G	$-9^8-(7-(-6^5+4^*3)^*2)-1$	-43065662	G	$-9^8+(-7-6)^*((5+4)^3*2-1)$
-43062264	G	$-9^8+7+(-6^5+4-3)^*(2^*1)$	-43065721	G	$-9^8-76/5^4-4/(3/2+1)$
-43062276	G	$-9^8-(-7-6^5*4+3)/-2-1$	-43065773	P	$-(9^8+7)-(6^*(5^*-4-3))^2-1$
-43062281	G	$-9^8-7-6^5/(4-3)^*2-1$	-43065846	G	$-9^8-765^*(4^*3^*2+1)$
-43062291	G	$-9^8+7+(-6^5-4^*3)^*2-1$	-43065908	G	$-9^8+7^*((6-5^*4)^3+2+1)$
-43062294	P	$-(9^8+7)-(6^5+4+3)^*(2^*1)$	-43065914	G	$-9^8+7^*((6-5^*4)^3+2)+1$
-43062300	G	$-9^8-76^*5^*(43-2)+1$	-43065926	G	$-9^8+7^*(6-5^*4)^3+2+1$
-43062304	G	$-9^8-7+(-6^5-4^*3)^*(2^*1)$	-43065928	G	$-9^8+7^*(6-5^*4)^3+2-1$
-43062312	G	$-9^8+(-7-6^5-4^*3)^*2-1$	-43065942	P	$-9^8+7^*(-(6-5^*4)^3+2)+1$
-43062329	G	$-9^8-(-7-6^5/4)^*(-3^2+1)$	-43065950	G	$-9^8+7^*((6-5^*4)^3-2-1)$
-43062345	P	$-(9^8-(7-6^5-43)^*2)^*1$	-43066091	G	$-9^8-(-7+6^5/4)^*(3^2+1)$
-43062353	P	$-(9^8-7+(6^5+43)^*2)-1$	-43066154	P	$-(9^8-(7-6^5*(4-3/2)))^*1$
-43062365	G	$-9^8-7-(6^5+43)^*2+1$	-43066168	P	$-(9^8+7+6^5*(4-3/2))^*1$
-43062372	P	$-(9^8+(7+(6^5+43))^*2)+1$	-43066216	P	$-(9^8+7)+6^*(-(54+3)^2+1)$
-43062377	G	$-9^8-76^*(5^*(43-2)+1)$	-43066300	P	$-(9^8+7^*(65^*43+2))^*1$
-43062387	G	$-9^8-(-7+6^5+4^3)^*2^*1$	-43066535	P	$-(9^8+7)+(6-5^4)^*32+1$
-43062388	G	$-9^8-(-7+6^5+4^3)^*2-1$	-43066721	G	$-9^8+(-7+6)^*5^4*(32^*1)$
-43062568	G	$-9^8-(-76-(5^*4)^3)^*2+1$	-43066752	P	$-(9^8+(7-6+5^4)^*32)+1$
-43062645	P	$-9^8+76+(5^*4)^3*(-2^*1)$	-43066919	P	$-(9^8+7)+(-6-5^4)^*32+1$
-43062659	P	$-9^8+(7+6)^*(-(5^*(4+3))^2-1)$	-43067024	G	$-9^8-(7^*6+5)^*432+1$
-43062679	P	$-(9^8-7^*6+(5^*4)^3*2)^*1$	-43067052	G	$-9^8+7+(-6-5)/43^2-2+1$
-43062694	G	$-9^8-(-7-6+(5^*4)^3)^*2+1$	-43067133	G	$-9^8-7^*6^5/4^*(3/2^*1)$
-43062704	P	$-(9^8+(7+6^5)^*432)+1$	-43067136	P	$-(9^8+(7+(6+5^4))^*32)+1$
-43062707	P	$-(9^8-(7+6))-(-5^*4)^3*2+1$	-43067164	P	$-(9^8-7^*6)-5^*(4^3(3^2)+1)$
-43062708	P	$-(9^8-(7+6))-(-5^*4)^3*2^*1$	-43067197	P	$-(9^8+7)+6-5^*(-(4^3(3^2)+1))$
-43062717	P	$-(9^8+7)+(6-(5^*4)^3)^*2-1$	-43067214	P	$-(9^8+7+6)-5^*(4^3(3^2)^*1)$
-43062720	G	$-9^8+7-6+(5^*-4)^3*2^*1$	-43067219	P	$-(9^8+7+6)-5^*(4^3(3^2)+1)$
-43062722	P	$-(9^8+7-6)-(5^*4)^3*2^*1$	-43067240	G	$-9^8-76^*5^4*(3+2)+1$
-43062733	P	$-(9^8+7+6)-(5^*4)^3*2+1$	-43067241	G	$-9^8-76^*5^4*(3+2^*1)$
-43062741	P	$-(9^8+7)-(6+(5^*4)^3)^*2-1$	-43067248	P	$-(9^8+7^*6)-5^*(4^3(3^2)+1)$
-43062746	G	$-9^8+(-7-6-(5^*4)^3)^*2+1$	-43067279	G	$-9^8+76^*(-543/2+1)$
-43062763	P	$-9^8-7^*6+(5^*4)^3*(-2^*1)$	-43067282	P	$-(9^8+76)-5^*(4^3(3^2)+1)$
-43062798	P	$-(9^8+76)-(5^*4)^3*2-1$	-43067317	G	$-9^8-76^*(54^*(3+2)+1)$
-43062806	G	$-9^8+7^*(6-(5+43)^2)+1$	-43067356	G	$-9^8-76^*543/2-1$
-43062849	P	$-(9^8+(76+54-3)^2)+1$	-43067426	G	$-9^8-(-7+654)^*32-1$
-43062851	P	$-(9^8+(76+54-3)^2)-1$	-43067444	G	$-9^8+(7-6^5*4/3)^*2-1$
-43062872	G	$-9^8+(-76+(-5^*4)^3)^*2+1$	-43067450	G	$-9^8+7-6^5*(4/3^*2^*1)$
-43062890	P	$-9^8+7^*(6+(5+43)^2)+1$	-43067464	P	$-(9^8+7)-6^5*(4/3^*2^*1)$
-43063101	G	$-9^8-7^*65^*(4+32^*1)$	-43067472	G	$-9^8-(7-6^5*4/-3)^*2-1$
-43063526	G	$-9^8+7^*6/(5-4^*3)+2^*1$	-43067599	G	$-9^8+7-6^*(5-4^3)^2+1$
-43063820	G	$-9^8-76^*5^*(43+2)+1$	-43067601	G	$-9^8+7-6^*(5-4^3)^2-1$
-43063883	G	$-9^8-(7-6^*(5^4+3))^2-1$	-43067608	P	$-(9^8+7)-6^*((5-4^3)^2)-1$
-43063897	G	$-9^8-76^*(5^*(43+2)+1)$	-43067641	G	$-9^8+7-654^*32+1$
-43064139	G	$-9^8-(-7+((-6-5)^*4^3)^2)-1$	-43067655	P	$-(9^8+7)-654^*32+1$
-43064155	G	$-9^8+(-7+6^5/4)/-3^2-2-1$	-43067745	P	$-(9^8+(76+5+4^3)^2)+1$
-43064281	G	$-9^8+(-7-6^5/4)/3^2-2-1$	-43067747	P	$-(9^8+(76+5+4^3)^2)-1$
-43064301	P	$-(9^8+7+(6+5^4)^3-2)+1$	-43067874	G	$-9^8+(-7-654)^*32-1$
-43064303	P	$-(9^8+7+(6+5^4)^3-2)-1$	-43068064	P	$-(9^8+(7^*6+5^4)^*32)+1$
-43064654	G	$-9^8-7^*-6^*(5-432)+1$	-43068140	P	$-9^8-765^*(-(4-32)+1)$
-43064662	G	$-9^8-7^*(-6^*(5-432)+1)$	-43068141	P	$-9^8-765^*(-(4-32)^*1)$
-43064774	G	$-9^8-7^*(6^5*43^*2-1)$	-43068330	P	$-(9^8+(7^*(6-5))^4*3^2)^*1$
-43064781	G	$-9^8-7^*6^*(5^*43^*2^*1)$	-43068331	P	$-(9^8+(7^*(6-5))^4*3^2)-1$
-43064885	G	$-9^8+7^*(6-(54-3)^2)+1$	-43068334	P	$-(9^8+7)-6^*((5^*4^3)^2+1)$
-43064886	G	$-9^8+7^*(6-(54-3)^2)^*1$	-43068379	P	$-9^8-7^*((-6+5^4)^*-(-3-2))-1$
-43064969	P	$-9^8+7^*(-(6+(54-3)^2)+1)$	-43068555	P	$-9^8-7^*(-(6-5^4(4+3-2)))-1$
-43065074	G	$-9^8-7^*6^*(5+432)+1$	-43068596	P	$-9^8+7^*(-(6-5+4)^3(3+2)^*1)$
-43065075	G	$-9^8-7^*6^*(5+432)^*1$	-43068603	P	$-9^8+7^*(-(6-5+4)^3(3+2)-1)$
-43065081	G	$-9^8-765^*(4^*3^*2^*1)$	-43068608	G	$-9^8+76^*(-(5-4)^3*2+1)$
-43065082	G	$-9^8-7^*(6^*(5+432)+1)$	-43068639	G	$-9^8-7^*(6+5^4(4+3-2))-1$
-43065154	P	$-9^8+(-7-(6+5))^4*(-(3-2))-1$	-43068671	G	$-9^8+(7/(-6+5)^4)^3+2^*1$
-43065216	P	$-(9^8+(7+65+4^3)^2)+1$	-43068680	G	$-9^8-(-7+(6+5)^4*3)/2-1$
-43065218	P	$-(9^8+(7+65+4^3)^2)-1$	-43068694	G	$-9^8+(7+(6+5)^4)^*-3/2-1$
-43065375	G	$-9^8-7^*65^*(43-2)+1$	-43068799	G	$-9^8-7^*((-6-5^4)^*(-3-2))-1$
-43065383	G	$-9^8-7^*(65^*(43-2)+1)$	-43068897	G	$-9^8-7^*6^*((5^*4+3)^2-1)$

-43068906	G	$-9^8+765*(4-32-1)$	-43072488	G	$-9^8-7*(6^5-4^4(3^2)+1)$
-43068921	P	$-(9^8+(7+6-54^3)^2)+1$	-43072586	G	$-9^8-7*(6*(5^4-3^2)-1)$
-43068923	P	$-(9^8+(7+6-54^3)^2)-1$	-43072592	G	$-9^8-7*6*(5^4-3^2)+1$
-43068946	G	$-9^8-7*(6*(5^4+3)^2+1)$	-43072634	P	$-9^8+7-6^5*(4/-3-2)^*1$
-43069152	G	$-9^8+(-76-5^4)*32+1$	-43072648	P	$-(9^8+7+6^5*(4/3+2))^*1$
-43069180	G	$-9^8+(7-6*5^4)*3^2-1$	-43072720	G	$-9^8-7*6*(5^4-3^2)-1$
-43069198	G	$-9^8+(-7-6)*(54^3+1)$	-43072726	G	$-9^8-7*((-6+5^4)*3^2+1)$
-43069264	G	$-9^8+(-7-6*5^4)*3^2-1$	-43072747	G	$-9^8-7*(6*5^4-32)^*1$
-43069401	G	$-9^8-7*6*(543-(2+1))$	-43072760	G	$-9^8-7*6*(5^4-(3+2))+1$
-43069421	G	$-9^8+7*(6-(54+3)^2)+1$	-43072761	G	$-9^8-7*6*5^4*(32-1)$
-43069422	G	$-9^8+7*(6-(54+3)^2)^*1$	-43072830	P	$-9^8-7*(-6*(-5^4+3)+2)+1$
-43069442	G	$-9^8-7*6*(543-2)+1$	-43072842	G	$-9^8-7*6*(-5^4+3)+2+1$
-43069443	G	$-9^8-7*6*(543-2)^*1$	-43072846	P	$-9^8-(7*6*(-5^4+3)+2)+1$
-43069450	G	$-9^8-7*(6*(543-2)+1)$	-43072858	G	$-9^8-7*(-6*(-5^4+3)+2)+1$
-43069471	P	$-9^8+7*(-(6+54-3)^2-1)$	-43072888	P	$-(9^8-76)-(54^3)^2+1$
-43069505	P	$-9^8+7*(6+(54+3)^2)+1$	-43072889	P	$-(9^8-76)-(54^3)^2^*1$
-43069506	P	$-9^8+7*(6+(54+3)^2)^*1$	-43072908	P	$-(9^8+7*(6*5^4-3^2))^*1$
-43069523	G	$-9^8-(7+(-6+54)*3)^2-1$	-43072922	G	$-9^8-(-7*6+(54^3)^2)+1$
-43069610	G	$-9^8-7*6*(543+2)+1$	-43072929	P	$-9^8-7*(-6*5^4+3^2)^*1$
-43069611	G	$-9^8-7*6*(543+2)^*1$	-43072930	P	$-9^8-7*(-6*5^4+3^2)-1$
-43069618	G	$-9^8-7*(6*(543+2)+1)$	-43072935	G	$-9^8-7*(6*5^4-3-2)+1$
-43069826	G	$-9^8-(76*(5-(4+3)))^2-1$	-43072936	G	$-9^8-7*(6*5^4-3-2)^*1$
-43070016	P	$(9^8-(7-(6^5-4))^3)/-(2-1)$	-43072947	P	$-(9^8+7*(6/5^4-3))^2+1$
-43070027	P	$-9^8+7*(6^5-4)^3+2+1$	-43072948	P	$-(9^8+7*(6^5-4-3))^2+1$
-43070029	P	$-(9^8-7)-(6^5-4)^3+2-1$	-43072950	P	$(9^8+7*(6*5^4-3))/-(2-1)$
-43070033	P	$-(9^8-7)-(6^5-4)^3-2-1$	-43072953	G	$-9^8+7+6-(54^3)^2-1$
-43070047	P	$-(9^8+7+(6^5-4)^3+2)-1$	-43072957	G	$-9^8+7-(6*(-5-4)^3)^2+1$
-43070061	G	$-9^8+(-7-6^5+4)^3-(2+1)$	-43072966	P	$-(9^8+7)+6-(54^3)^2(2^*1)$
-43070082	P	$(9^8+(7+(6^5+4))^3)/-(2-1)$	-43072968	G	$-(9^8-7*6*5^4+3)/(2-1)$
-43070272	P	$-(9^8-(7-6^5)*4^4(3+2))+1$	-43072978	P	$-(9^8+7+6)-(54^3)^2(2^*1)$
-43070280	G	$-9^8-76*5*(4^3-2)+1$	-43072993	G	$-9^8-7*(6*5^4+3)-2+1$
-43070281	G	$-9^8-76*5*(4^3-2)^*1$	-43072995	G	$-9^8-7*(6*5^4+3)-2-1$
-43070332	P	$-9^8+7*(-(6+5+4)^3+2)^*1$	-43073006	G	$-9^8-7*6-(54^3)^2+1$
-43070357	G	$-9^8-76*(-5*(-4^3+2)+1)$	-43073007	P	$-(9^8+7*6)-(54^3)^2(2^*1)$
-43070694	P	$-9^8+(-7-6)*(-5-43^2)-1$	-43073034	G	$-9^8-7*6*(5^4+3/2)^*1$
-43070714	P	$-9^8+7-6*((5^4-4)^3/2^*1)$	-43073041	G	$-9^8-76-(54^3)^2^*1$
-43070727	P	$-(9^8+7)-6*(5^4)^3/2+1$	-43073082	P	$-9^8-7*(-6*(5^4+3)+2)+1$
-43070734	P	$-(9^8+7)-6*((5^4)^3/2+1)$	-43073094	G	$-9^8-7*6*(5^4+3)+2+1$
-43070823	G	$-9^8+(-7-6)*(5+43^2)^*1$	-43073095	G	$-9^8-7*6*(5^4+3)+2^*1$
-43070824	G	$-9^8+(-7-6)*(5+43^2)-1$	-43073097	G	$-9^8-7*6*(5^4+3)(2-1)$
-43070888	G	$-9^8-76*(5^4^3-2)+1$	-43073098	G	$-9^8-(7*6*(5^4+3)+2)+1$
-43070889	G	$-9^8-76*(5^4^3-2)^*1$	-43073110	G	$-9^8-7*(6*(5^4+3)+2)+1$
-43070913	G	$-9^8-7*(6^5*4^3^2-2)^*1$	-43073111	G	$-9^8-7*(6*(5^4+3)+2)^*1$
-43071039	G	$-9^8+7*6*(5-4^3)^2+1$	-43073118	G	$-9^8-7*(6*(5^4+3)+2)+1$
-43071046	P	$-(9^8-7*(6-(5-4^3)^2))^*1$	-43073180	G	$-9^8-7*6*(5^4+3+2)+1$
-43071051	G	$-9^8+7-(6-54^3)^2-1$	-43073188	G	$-9^8-7*(6*(5^4+3+2)+1)$
-43071056	G	$-9^8-((-7-6)*(5+4+3))^2+1$	-43073195	P	$-(9^8+7*(6/5^4-4+32))^*1$
-43071074	G	$-9^8+(-765+4)^3-1$	-43073224	G	$-9^8-7*6*(5^4+3^2)-1$
-43071193	P	$-(9^8+76*(5/4^3-3+2))^*1$	-43073230	G	$-9^8-7*(6*(5^4+3^2)+1)$
-43071201	G	$-9^8-765*(4^3/2^*1)$	-43073342	G	$-9^8-7*(6*(5^4+3^2)-1)$
-43071260	P	$-9^8+7-6*(5-4^4(3^2))^*1$	-43073348	G	$-9^8-7*6*(5^4+3^2)+1$
-43071268	P	$-(9^8+7)-6*(-(5-4^4(3^2))-1)$	-43073601	G	$-9^8-7*6*(5^4*32^*1)$
-43071274	P	$-(9^8+7)-6*(5-4^4(3^2))^*1$	-43073706	P	$-9^8-7*(-(6^5+4^3)/2-1)$
-43071275	P	$-(9^8+7)-6*(5-4^4(3^2))-1$	-43073714	G	$-9^8+7*(-(6^5+4^3)/2-1)$
-43071291	P	$-9^8+(-(-7+6)+5)*(-4^4(3^2)+1)$	-43073888	P	$-9^8-7*(-(6^5+4^3)/2-1)$
-43071330	G	$-9^8+(-765-4)^3-1$	-43073896	G	$-9^8+7*(6^5/-4+3)^2-1$
-43071335	P	$-(9^8+7)-6*(5+4^4(3^2))-1$	-43073923	G	$-9^8-7*(-6^5+4)*(-3/2+1)$
-43071345	G	$-9^8-76*54*(3+2+1)$	-43073930	P	$-(9^8-7)-6^5*(4+3)/2^*1$
-43071421	G	$-9^8-76*(54^3+2+1)$	-43073931	P	$-(9^8-7)-6^5*(4+3)/2-1$
-43071626	G	$-9^8-7*6*(5^4-32)+1$	-43073937	P	$-(9^8-7*6^5/(4-3^2))^*1$
-43071627	G	$-9^8-7*6*(5^4-32)^*1$	-43073944	P	$-9^8-7-6^5*(-(4-3)/2^*1)$
-43071634	G	$-9^8-7*(-6*(-5^4+32)+1)$	-43073972	P	$-9^8-7*(-(6^5-4^3)/2-1)$
-43071778	G	$-9^8-(-7+65)*432-1$	-43073980	G	$-9^8-7*(6^5/4+3)^2-1$
-43071801	G	$-9^8-76*5*(4^3+2)^*1$	-43074154	P	$-9^8-7*(-(6^5-4^3)/2-1)$
-43071802	G	$-9^8-76*5*(4^3+2)-1$	-43074162	G	$-9^8+7*(-6^5-4^3)/2-1$
-43071877	G	$-9^8-76*(5*(4^3+2)+1)$	-43074189	G	$-9^8-7*(654^3*2^*1)$
-43071886	P	$-9^8-7*(-(6-(5^4*3)^2)+1)$	-43074196	G	$-9^8-7*(654^3*2+1)$
-43071970	G	$-9^8-7*(6+(5^4*3)^2+1)$	-43074261	P	$-9^8+765*(-(4+32)^*1)$
-43072003	P	$-(9^8+((7-6-54)^3)^2)-1$	-43074316	G	$-9^8-7*6*(5^4+32)-1$
-43072481	G	$-9^8-7*(6^5-4^4(3^2))^*1$	-43074322	G	$-9^8-7*(6*(5^4+32)+1)$

-43074368	G	$-9^8 + ((-7+6-5)^4)^3 * 2 + 1$	-43077856	G	$-9^8 + (-7-6^5)^4 * 4 - 3^{\wedge}(2-1)$
-43074423	P	$-(9^8 + 76^*(5+4)^3/2)^*1$	-43077859	P	$-(9^8 + ((7+6^5)^4 + 3 + 2)) - 1$
-43074499	G	$-9^8 - 76^*((5+4)^3/2 + 1)$	-43077863	G	$-9^8 + (-7-6^5)^4 * 4 - 3^{\wedge}2 - 1$
-43074503	G	$-9^8 - 7^*(6+54+3)^2 + 1$	-43078085	G	$-9^8 - 765^*(43-2) + 1$
-43074505	G	$-9^8 - 7^*(6+54+3)^2 - 1$	-43078851	P	$-9^8 + 765^*(-(43-2) - 1)$
-43074511	P	$-9^8 + 7^*(-(6+54+3)^2 - 1)$	-43079172	P	$-9^8 - 76^*(-(5-432) + 1)$
-43074680	P	$-9^8 - 7^*(-(6-(5^4)^3/2) - 1)$	-43079249	G	$-9^8 + 76^*(5-432-1)$
-43074693	G	$-9^8 - 7^*((-6-(-5^4)^3)/2 - 1)$	-43079305	G	$-9^8 + 7 - 6^*5432 + 1$
-43074735	G	$-9^8 - 7^*((6+(5^4)^3)/2 - 1)$	-43079319	P	$-(9^8 + 7) - 6^*5432 + 1$
-43074763	G	$-9^8 - 7^*(6+(5^4)^3/2)^*1$	-43079401	G	$-9^8 - 76^*(5^*43^*2^*1)$
-43074764	G	$-9^8 - 7^*(6+(5^4)^3/2) - 1$	-43079477	G	$-9^8 - 76^*(5^*43^*2 + 1)$
-43074793	G	$-9^8 + 7 - 65^*432 + 1$	-43079488	P	$-(9^8 + (7+6-5)^{\wedge}(4+3-2)) + 1$
-43074807	P	$-(9^8 + 7) - 65^*432 + 1$	-43079490	P	$-(9^8 + (7+6-5)^{\wedge}(4+3-2)) - 1$
-43074814	G	$-9^8 + (-7-6)^*(5^*432 + 1)$	-43079932	G	$-9^8 - 76^*(5+432) + 1$
-43074930	G	$-9^8 - 7^*65^*(4^3 - 2) + 1$	-43079984	G	$-9^8 + 7^*(-6-5)^*432 + 1$
-43074931	G	$-9^8 - 7^*65^*(4^3 - 2)^*1$	-43079992	P	$-9^8 - 7^*(-(6-5)^*432 + 1)$
-43074939	G	$-9^8 + 7 - (6+54^3)^2 - 1$	-43080006	P	$-(9^8 - 7^*(6-(5+4^3)^2))^*1$
-43074951	P	$-(9^8 + 7 + (6+54^3)^2) + 1$	-43080009	P	$-9^8 - 76^*(-(5+432) - 1)$
-43074953	P	$-(9^8 + 7 + (6+54^3)^2) - 1$	-43080211	G	$-9^8 - ((-76+5^4)/3)^2 - 1$
-43075026	P	$-9^8 + 765^*(-(4+32) - 1)$	-43080328	P	$-9^8 + (-7^{\wedge}(-6+5)^{\wedge}(4+3))^*2 + 1$
-43075183	G	$-9^8 - 7^*(-6^*5+4^{\wedge}(3^*2))^*1$	-43080340	P	$-9^8 - (7^{\wedge}(-6+5)^{\wedge}(4+3))^*2 + 1$
-43075279	G	$-9^8 + 7 - 6^*(5+4^3)^2 + 1$	-43080341	P	$-9^8 - (7^{\wedge}(-6+5)^{\wedge}(4+3))^*2^*1$
-43075281	P	$-(9^8 + (7+6)^5/(4+3^2))^*1$	-43080463	G	$-9^8 + 7 - 6/5^{\wedge} - 4^*3^{\wedge}2 + 1$
-43075288	P	$-(9^8 + 7) - 6^*((5+4^3)^2) - 1$	-43080464	G	$-9^8 + 7 - 6/5^{\wedge} - 4^*3^{\wedge}2^*1$
-43075315	P	$-9^8 - 7^*(-(6+5-4^{\wedge}(3^*2))^*1$	-43080521	G	$-9^8 + (-7-6)^*((54-3)^2 - 1)$
-43075316	P	$-9^8 - 7^*(-(6+5-4^{\wedge}(3^*2))^*1$	-43080533	G	$-9^8 + (-7-6)^*(54-3)^2 + 1$
-43075385	P	$-9^8 - 7^*(-(6-(5+4^{\wedge}(3^*2))) + 1$	-43080535	G	$-9^8 + (-7-6)^*(54-3)^2 - 1$
-43075386	P	$-9^8 - 7^*(-(6-(5+4^{\wedge}(3^*2)))^*1$	-43080947	P	$-(9^8 + ((7^*6+5)^4 - 3)^2) - 1$
-43075393	G	$-9^8 - 7^*(6-5+4^{\wedge}(3^*2) - 1)$	-43081145	G	$-9^8 - 765^*(43+2) + 1$
-43075399	G	$-9^8 - 7^*(6-(5-4^{\wedge}(3^*2))) + 1$	-43081316	P	$-(9^8 + ((7-65-4)^3)^2) + 1$
-43075400	P	$-9^8 - 7^*(6-(5-4^{\wedge}(-3^*2^*1)))$	-43081318	P	$-(9^8 + ((7-65-4)^3)^2) - 1$
-43075469	G	$-9^8 - 7^*(6+5+4^{\wedge}(3^*2)) + 1$	-43081691	G	$-9^8 - (7 - (-6-54)^3)^2 - 1$
-43075470	P	$-9^8 - 7^*(6+5+4^{\wedge}(-3^*2^*1))$	-43081714	G	$-9^8 + (-76-5)^*432 - 1$
-43075603	P	$-(9^8 - 7^*(-6^*5-4^{\wedge}(3^*2)))^*1$	-43081860	G	$-9^8 + (7 + (-6^*5+4)^3)^2 - 1$
-43075827	G	$-9^8 - 7^*(65^*4^3 - 2)^*1$	-43081866	G	$-9^8 + 7 + (-6^*5+4)^3 * (2^*1)$
-43075847	G	$-9^8 - 7^*(65+4^{\wedge}(3^*2)) + 1$	-43081886	G	$-9^8 - (7 + (6+5^4)^3)^2 + 1$
-43075848	G	$-9^8 - 7^*(65+4^{\wedge}(3^*2))^*1$	-43081911	P	$-9^8 + 765^*(-(43+2) - 1)$
-43075855	P	$-(9^8 + 7^*(65/4^{\wedge} - 3 + 2))^*1$	-43082057	G	$-9^8 - 7^*(-(6-5^4)^* - (3^{\wedge}2 + 1))$
-43075989	P	$-(9^8 - 7 + ((6+5)^4 - 3)^2) + 1$	-43082442	P	$-(9^8 + (7/6^*54^3)^2)^*1$
-43075996	G	$-9^8 + (7 - (6+5)^4 - 3)^2 - 1$	-43082519	P	$-(9^8 - 7^*(6-5^4)^3 + 2))^*1$
-43076003	P	$-(9^8 + 7 - ((6+5)^4 + 3)^2) + 1$	-43082603	P	$-9^8 - 7^*(6-5/-4^{\wedge} - (3^*2 - 1))$
-43076010	G	$-9^8 - (7 + (6+5)^4 - 3)^2 + 1$	-43082822	P	$-(9^8 + (7 + (65-4)^3)^2) - 1$
-43076011	P	$-9^8 + (-7 + (6+5)^4 + 3)^2 * (2^*1)$	-43083016	P	$-9^8 + 7^*(-(65+4+3)^2 - 1)$
-43076022	P	$-9^8 + (-7 + (6+5)^4 - 3)^2 * 2 + 1$	-43083441	P	$-9^8 + 765^*(-(4+3)^2 + 1)$
-43076023	P	$-9^8 + (-7 + (6+5)^4 - 3)^2 * 2^*1$	-43083657	G	$-9^8 - 76^*54^*(3^2 * 1)$
-43076132	G	$-9^8 + (-7^{\wedge}6+5)/(4/3^*(2+1))$	-43083733	G	$-9^8 - 76^*(54/3^{\wedge}2 - 2 + 1)$
-43076306	P	$-(9^8 + ((7-6-5)^4)^3)^2 - 1$	-43084017	P	$-9^8 + 7^*(-(6^*5+43)^2 + 1)$
-43076674	P	$-9^8 + (7+6)/(-5+43)^{\wedge}2 - 1$	-43084023	G	$-9^8 - 7^*(6^*5+43)^2 + 1$
-43076686	P	$-9^8 + (7+6)^*(-(5+43)^{\wedge}2 - 1)$	-43084025	G	$-9^8 - 7^*(6^*5+43)^2 - 1$
-43076752	G	$-9^8 - 7^*65^*(4^3 + 2) - 1$	-43084609	G	$-9^8 + (7^* - 6 + 5)^4 * 4^{\wedge}(3+2)^*1$
-43076777	G	$-9^8 + (-7-6^*5^4)^*(3^{\wedge}2 - 1)$	-43084610	G	$-9^8 + (7^* - 6 + 5)^4 * 4^{\wedge}(3+2) - 1$
-43076961	G	$-9^8 - 7^*6^*5^*(4^3)^2 + 1$	-43084646	G	$-9^8 + (-7+6^* - 5)^*(4^{\wedge}(3+2) + 1)$
-43077256	P	$-9^8 - 7^*6^*(-(5+4)^3 + 2) - 1$	-43084702	P	$-9^8 - 7^*(-(6-5432) + 1)$
-43077262	P	$-9^8 - 7^*(6^*(-(5+4)^3 + 2) + 1)$	-43084710	G	$-9^8 + 7^*(6-5432-1)$
-43077318	G	$-9^8 - 7^*(6^*(5+4)^3 - 2 - 1)$	-43084769	G	$-9^8 - 7^*6^5 + 4^{\wedge}(3^2 + 1)$
-43077324	P	$-9^8 - 7^*(-6/(-5-4)^{\wedge} - 3 + 2) + 1$	-43084786	G	$-9^8 - 7^*(6+5432) + 1$
-43077354	G	$-9^8 - 7^*(6^*(5+4)^3 + 2) - 1$	-43084794	P	$-9^8 + 7^*(-(6+5432) - 1)$
-43077394	G	$-9^8 + (-76+5)^*432 - 1$	-43084990	G	$-9^8 - 7654^*(3+2) + 1$
-43077423	G	$-9^8 - 7^*6^*((5+4)^3 + 2^*1)$	-43085136	G	$-9^8 + 7^*(6-5^4)^3 * 2 + 1$
-43077424	G	$-9^8 - 7^*6^*((5+4)^3 + 2) - 1$	-43085137	G	$-9^8 + 7^*(6-5^4)^3 * 2^*1$
-43077430	G	$-9^8 - 7^*(6^*((5+4)^3 + 2) + 1)$	-43085547	G	$-9^8 + (7-6^5+4)^*(3+2) - 1$
-43077434	P	$-9^8 + 7 - 6^*(-5^4^{\wedge}(3+2)^*1)$	-43085566	G	$-9^8 - (-7+6^5)^*(4+3-2)^*1$
-43077448	P	$-(9^8 + 7) - 6^*(5^4^{\wedge}(3+2)^*1)$	-43085587	P	$-9^8 + (-7+6^5+4)^*(-(3+2) - 1)$
-43077454	P	$-(9^8 + 7) - 6^*(5^4^{\wedge}(3+2) + 1)$	-43085593	P	$-(9^8 - 7) - 6^5 * (4+3-2) + 1$
-43077698	P	$-(9^8 + (7 - (65-4)^3)^2) - 1$	-43085608	G	$-9^8 - 7 - 6^5 * (4+3-2)^*1$
-43077787	P	$-(9^8 - 7 + 6^5 * 4 - 32) - 1$	-43085617	G	$-9^8 + (-7-6^5+4)^*(3+2) - 1$
-43077816	G	$-9^8 - 7 + (-6^5+4)^*(3+2-1)$	-43085657	G	$-9^8 + (-7 - (6^5+4))^*(3+2) - 1$
-43077826	G	$-9^8 + (-7-65)^*432 - 1$	-43085778	G	$-9^8 - (-7 - (6-5^{\wedge}(4+3))) / 2 - 1$
-43077844	G	$-9^8 + (-7-6^5)^*4+3^2+1$	-43085791	G	$-9^8 + (-7 - (6+5^{\wedge}(4+3))) / 2 - 1$
-43077851	P	$-(9^8 - 7 + 6^5 * 4) - 32 - 1$	-43085851	G	$-9^8 - 7^*65^*(43^*2^*1)$

-43085858	G	$-9^8-7*(65*43^2+1)$	-43093367	G	$-9^8+(-7+(-6^5+4)*3)*2^*1$
-43085938	G	$-9^8-(7^6+5)/(4-(3-2))+1$	-43093368	G	$-9^8+(-7+(-6^5+4)*3)*2-1$
-43086015	P	$-(9^8-7+(6^5+4)^3-2)+1$	-43093370	P	$-(9^8-7+6^4(5+4-3))*2-1$
-43086017	P	$-(9^8-7+(6^5+4)^3-2)-1$	-43093387	G	$-9^8-(-7+(6^5+4)*3)*(2^*1)$
-43086103	P	$-9^8+7*(-(6-(-5-4^3))^2-1)$	-43093409	G	$-9^8-(7+(6^5+4)*3^2)-1$
-43086138	G	$-9^8-7*(6-5^4/-3^2-2^*1)$	-43093416	G	$-9^8+(-7-(6^5+4)*3)*2-1$
-43086139	G	$-9^8-7*(6-5^4/-3^2-2)-1$	-43093420	G	$-9^8+(-7-6^5)*4^3/2-1$
-43086473	P	$-(9^8-7*(-6-5^4)*3^2)+1$	-43093508	G	$-9^8+(-7-6)*((5^4*3)^2-1)$
-43086722	G	$-9^8-(7+(-65-4)*3)^2-1$	-43093522	G	$-9^8+(-7-6)*(5^4*3)^2-1$
-43086849	P	$-9^8+76*(-(5^4+3)^2+1)$	-43093536	G	$-9^8-76*(5^4-3^2)+1$
-43086924	G	$-9^8-76*(5^4+3)^2+1$	-43093766	G	$-9^8-76*(5^4-3^2)-1$
-43086926	G	$-9^8-76*(5^4+3)^2-1$	-43093842	G	$-9^8-76*(5^4-(3+2))-1$
-43087123	P	$-(9^8+((76-5-4)*3)^2)-1$	-43093978	G	$-9^8-7*(6^5-4^4(3+2)-1)$
-43087346	P	$-(9^8)-(7+6)/5^4(4-3^2)^*1$	-43093986	G	$-9^8-7*(6^5-4^4(3+2))-1$
-43087347	P	$-(9^8)-(7+6)/5^4(4-3^2)-1$	-43094145	G	$-9^8-76*(5^4-3+2^*1)$
-43087359	G	$-9^8+(-7-6)*(5^4(4+3-2)+1)$	-43094146	G	$-9^8-76*(5^4-(3-2))-1$
-43087524	P	$-(9^8+(7+6-5^4*3)^2)+1$	-43094218	G	$-9^8-(76*5^4-3)*2-1$
-43087526	P	$-(9^8+(7+6-5^4*3)^2)-1$	-43094224	G	$-9^8-(76*5^4+3)*2-1$
-43087761	G	$-9^8-76*54*(3^2+1)$	-43094252	G	$-9^8-7-((654/3)^2)^*1$
-43087836	G	$-9^8-76*(543-2)+1$	-43094253	G	$-9^8-7-((654/3)^2+1)$
-43087923	G	$-9^8-7*654*(3^2)^*1$	-43094259	G	$-9^8-76*(5^4-3/-2-1)$
-43088140	G	$-9^8-76*(543+2)+1$	-43094298	G	$-9^8-76*(5^4+3-2)-1$
-43088209	G	$-9^8-7*(6^5-43^2)+1$	-43094602	G	$-9^8-76*(5^4+3+2)-1$
-43088210	P	$-9^8-7*(6^5-43^2-(-2^*1))$	-43094678	G	$-9^8-76*(5^4-(3+2))-1$
-43088217	P	$-9^8+76*(-(543+2)-1)$	-43094712	G	$-9^8+7-(6*(5^4)^3-2^*1)$
-43088959	P	$-9^8+(7+6)/(-54+3)^2-1$	-43094715	P	$-(9^8+7)-6*(5^4)^3-2+1$
-43088971	P	$-9^8+(7+6)*(-54+3)^2-1$	-43094716	P	$-9^8-7-6*(-(5^4)^3+2^*1)$
-43089247	P	$-(9^8-(7-6^5)/43^2)+1$	-43094739	P	$-(9^8+7)-6*(5^4)^3+2+1$
-43089271	G	$-9^8+(-7+6^5)*(-43^2-1)$	-43094740	P	$-9^8-7-6*(-(5^4)^3-2^*1)$
-43089310	P	$-9^8+7*(-(6-5^4)*3)^2-1$	-43094802	P	$-9^8+(7^*-6-5)*(4^4-(3-2)-1)$
-43089482	P	$-(9^8-7)-6^5*(4+3/2)^*1$	-43094849	P	$-9^8+(7^*6+5)*4^4(3+2)^*1$
-43089496	P	$-(9^8+7+6^5*(4+3/2))^*1$	-43094904	G	$-9^8-76*(5^4+3^2)+1$
-43089519	G	$-9^8-7*6*(5-4^4(3+2))^*1$	-43095361	G	$-9^8-76*5^4*(32^*1)$
-43089526	G	$-9^8-7*(-6*(5-4^4(3+2))+1)$	-43095437	G	$-9^8-76*(5^4*32+1)$
-43089946	G	$-9^8-7*(6*(5+4^4(3+2))+1)$	-43095471	G	$-9^8-(7+6)/(5^4-4/(3+2+1))$
-43090051	G	$-9^8-7*(-6+5^4)*3^2+1$	-43095556	G	$-9^8+7-(6+5^4*3)^2-1$
-43090396	G	$-9^8+7-(6-5^4*3)^2-1$	-43095563	P	$-9^8-(7-6^*-(-5-43))^2-1$
-43090625	P	$-(9^8-(7-(6+5)^4)*3+2)^*1$	-43095568	P	$-(9^8+7+(6+5^4*3)^2)+1$
-43090626	P	$-(9^8-(7-(6+5)^4)*3+2)-1$	-43095570	P	$-(9^8+7+(6+5^4*3)^2)-1$
-43090822	P	$-(9^8+(7^*6^5/4-3))^2-1$	-43095678	G	$-9^8-765/4^3-3+2+1$
-43090829	P	$-(9^8+7)-(6^5*(4+3))^2-1$	-43095679	G	$-9^8-765/4^4-3+2^*1$
-43091241	P	$-(9^8+(7-654/3)^2)+1$	-43095681	P	$(9^8+765/4^4-3)/(-2-1)$
-43091243	P	$-(9^8+(7-654/3)^2)-1$	-43095683	P	$-(9^8+765*4^3+2)^*1$
-43091713	G	$-9^8-76*(5^4-32-1)$	-43096577	P	$-9^8-76*(5^4-(3+2)-1)$
-43091770	P	$-9^8+7+(-6-5)*(-4^4(3^2)^*1)$	-43096898	P	$-(9^8+(7*(6+5-43))^2)-1$
-43091784	P	$-(9^8+7+(-6-5)*4^4(3^2)^*1)$	-43097373	G	$-9^8+(7+(-6-5)^4)^3-(-2+1)$
-43091975	P	$-(9^8)-(7+6)*((5-4^3)^2)-1$	-43097375	G	$-9^8+(7+(-6-5)^4)^3-2+1$
-43091987	P	$-(9^8)-(7+6)*((5-4^3)^2)+1$	-43097947	P	$-9^8-7*(-(6+5)^4+3)/2-1$
-43092169	G	$-9^8-76*(5^4-3^2+1)$	-43097953	P	$-9^8-7*(-(6+5)^4+3)/-2+1$
-43092333	G	$-9^8-7*6*543*(2^*1)$	-43097967	P	$-(9^8+(7*(6+5)^4+3)/2)-1$
-43092340	G	$-9^8-7*(6*543^2+1)$	-43097968	P	$-9^8-7*((6+5)^4+3)/2-1$
-43092375	G	$-9^8-7*6*(543^2+1)$	-43097974	G	$-9^8+7*((6+5)^4+3)/-2+1$
-43092507	G	$-9^8-7*(6543-2)+1$	-43097976	P	$-9^8-765*(-4^4-3-2-1)$
-43092535	G	$-9^8-7*(6543+2)+1$	-43098122	G	$-9^8-7*(6^5-432-1)$
-43092543	P	$-9^8+7*(-(6543+2)-1)$	-43098178	G	$-9^8-7*(6*(5*(4+3))^2+1)$
-43092869	P	$-(9^8-76)-(5^4*3)^2+1$	-43098712	P	$-(9^8+7+(6*(5-43))^2)^*1$
-43092870	P	$-(9^8-76)-(5^4*3)^2^*1$	-43098720	G	$-9^8+(-7-6)*(5^4)^3/2+1$
-43092903	G	$-9^8-(-7^*6+(5^4*3)^2)+1$	-43098734	G	$-9^8+(-7-6)*((5^4)^3/2+1)$
-43092933	G	$-9^8+7+6-(5^4*3)^2^*1$	-43098829	P	$-(9^8+7^6)+5+4^4(3^2-1)$
-43092945	P	$-(-9^8+7)+6-(5^4*3)^2^*1$	-43098839	P	$-(9^8+7^6+5)+4^4(3^2-1)$
-43092947	P	$-(9^8+7)+6-(5^4*3)^2^*1$	-43099903	P	$-9^8+(-7-6)*(-5-4^4(3^2))+1$
-43092959	P	$-(9^8+7+6)-(5^4*3)^2^*1$	-43099904	P	$-9^8+(-7-6)*(-5-4^4(3^2))^*1$
-43092960	P	$-(9^8+7+6)-(5^4*3)^2-1$	-43099917	P	$-9^8+(-7-6)*(-5-4^4(3^2))+1$
-43092987	G	$-9^8-7*6-(5^4*3)^2+1$	-43100033	G	$-9^8+(-7-6)*(5+4^4(3^2))+1$
-43092988	P	$-(9^8+7*6)-(5^4*3)^2^*1$	-43100047	G	$-9^8+(-7-6)*(5+4^4(3^2)+1)$
-43093022	G	$-9^8-76-(5^4*3)^2^*1$	-43100083	G	$-9^8-((76-5+4)*3)^2-1$
-43093336	G	$-9^8+(-7+6^5)*4^3/2-1$	-43100138	G	$-9^8-7*(6^5-(4^3)^2-1)$
-43093340	G	$-9^8-(-7-(-6^5+4)*3)^2-1$	-43100144	G	$-9^8-7*(6^5-(4^3)^2)+1$
-43093346	G	$-9^8+7+(-6^5+4)*3^2^*1$	-43100145	G	$-9^8-7*(6^5-(4^3)^2)^*1$
-43093347	G	$-9^8+7+(-6^5+4)*3^2-1$	-43100250	G	$-9^8-7*(6^5-4^3*2-1)$

-43100258	G	$-9^8-7*(6^5-4*32)-1$	-43101478	P	$-(9^8+((7+6)*54/3)^2)-1$
-43100552	G	$-9^8-7*(6^5-43*2)-1$	-43101489	G	$-9^8-7*(6^5+(4+3)^2-1)$
-43100692	G	$-9^8-7*(6^5-(4^3+2))-1$	-43101503	G	$-9^8-7*(6^5+(4+3)^2+1)$
-43100704	G	$-9^8-7*(6^5-4^3)+2-1$	-43101585	P	$-(9^8+7*6^5+432)*1$
-43100705	G	$-9^8-7*(6^5-4^4(3*(2-1)))$	-43101586	P	$-(9^8+7*6^5+432)-1$
-43100708	G	$-9^8-(7*(6^5-4^3)+2)-1$	-43101600	G	$-9^8-7*(6^5+4^3)+2-1$
-43100712	G	$-9^8-7*(6^5-4^3+2-1)$	-43101604	G	$-9^8-7*(6^5+4^3)-2-1$
-43100720	G	$-9^8-7/6^5+432+1$	-43101616	G	$-9^8-7*(6^5+4^3+2)-1$
-43100721	G	$-9^8-7/6^5+432*1$	-43101755	G	$-9^8-7*(6^5+43*2)*1$
-43100817	G	$-9^8-7*(6^5-(4+3)^2+1)$	-43101756	G	$-9^8-7*(6^5+43*2)-1$
-43100838	G	$-9^8-7*(6^5-43-(2*1))$	-43101947	P	$-(9^8+(7-6*(5-43))^2)-1$
-43100839	G	$-9^8-7*(6^5-(43+2))-1$	-43101974	P	$-9^8+76*(-(5+4)^3+2)-1$
-43100866	G	$-9^8-7*(6^5-43+2*1)$	-43102010	G	$-9^8+7+(6-54)^3/2*1$
-43100867	G	$-9^8-7*(6^5-(43-2))-1$	-43102011	G	$-9^8+7+(6-54)^3/2-1$
-43100901	G	$-9^8-7*(6^5-4^3+2*1)$	-43102049	P	$-9^8-7*(6^5-4*(32*1))$
-43100929	G	$-9^8-7*(6^5-4^3/2*1)$	-43102050	G	$-9^8-7*(6^5+4^3+2)-1$
-43100930	G	$-9^8-7*(6^5-4^3/2)-1$	-43102056	G	$-9^8-7*(6^5-(-4*32-1))$
-43100958	G	$-9^8-7*(6^5+4-32)-1$	-43102160	G	$-9^8-7*(6^5+(4*3)^2)+1$
-43100985	G	$-9^8-7*(6^5-4^3*2)*1$	-43102161	G	$-9^8-7*(6^5+(4*3)^2)*1$
-43100986	G	$-9^8-7*(6^5-4^3*2)-1$	-43102178	G	$-9^8+7-6*(5/43^2-1)$
-43101014	G	$-9^8-7*(6^5-4*(3+2))-1$	-43102184	G	$-9^8+7-6*5*(43^2*1)$
-43101025	P	$-9^8-7/6^5-5-4*(32*1)$	-43102192	P	$-(9^8+7)-6*(5/43^2-1)$
-43101055	P	$-9^8-7*(-(6^5+4*3+2)*1$	-43102228	P	$-(9^8+7)-6*5*(-43^2-1)$
-43101056	P	$-9^8-7*(-(6^5+4*3+2)-1$	-43102278	P	$-9^8+76*(-(5+4)^3+2)-1$
-43101062	P	$-(9^8+7*(6^5-4-3^2))*1$	-43102693	G	$-9^8-7*(-(6+(5*4)^3+2)*1$
-43101067	G	$-9^8-7*(6^5-4^3)+2*1$	-43102749	P	$-(9^8-7*(6-(5*4)^3+2))*1$
-43101068	G	$-9^8-7*(6^5-4^3)+2-1$	-43102777	G	$-9^8-7*(6-(5*4)^3+2)*1$
-43101084	G	$-9^8-7*(6^5-(4+3^2))-1$	-43103002	G	$-9^8-7/6^5-5-43^2(2*1)$
-43101086	G	$-9^8-7*6^5+4^3+2+1$	-43104184	P	$-9^8-7*(-(6^5-432-1)$
-43101088	G	$-9^8-7*6^5+4^3+2-1$	-43104961	G	$-9^8-7*65*(4*32*1)$
-43101090	G	$-9^8-7*6^5+4^3-2+1$	-43104968	G	$-9^8-7*(65*4*32+1)$
-43101092	G	$-9^8-7*6^5+4^3-2-1$	-43105249	G	$-9^8-7*6^5-4^3(3*2*1)$
-43101105	P	$-(9^8+7*(6^5-4-3))-2+1$	-43105320	P	$-(9^8+7^6)+(5+4)^3(3+2)+1$
-43101107	P	$-(9^8+7*(6^5-4-3))-2-1$	-43105322	P	$-(9^8+7^6)+(5+4)^3(3+2)-1$
-43101110	G	$-9^8-7/6^5-5+43^2(2-1)$	-43105542	G	$-9^8-(7^6+5-4*3)/(2*1)$
-43101116	P	$-(9^8+7*(6^5-4))+3^2(2*1)$	-43105554	G	$-9^8-(7^6+5+4*3)/(2*1)$
-43101118	G	$-9^8-7*(6^5+4-3^2(2*1))$	-43105557	G	$-9^8-(7^6+5*4+3)/(2*1)$
-43101121	G	$-9^8-7*6^5+4^3/2*1$	-43105653	G	$-9^8-(7^6+5*43)/(2*1)$
-43101122	P	$-(9^8+7*(6^5-4))+3^2(2-1)$	-43105763	P	$-9^8+7+(-6/54)^3(3*2-1)$
-43101124	P	$-(9^8-(7*(6^5+4)+3)+2)*1$	-43105764	P	$-(9^8-7+(6/54)^3(3+2))-1$
-43101126	G	$-9^8-(-7*(-6^5+4)+3)+2*1$	-43105768	P	$9^8*-7-6+(5+4)^3+2*1$
-43101128	G	$-9^8+(7*(6^5-4)+3)*(-2+1)$	-43105769	P	$9^8*-7-6+(5+4)^3+2-1$
-43101173	G	$-9^8-7*(6^5+4)+3^2-1$	-43105771	P	$9^8*-7-6+(5+4)^3-2+1$
-43101177	G	$-9^8-7*6^5-4*(3+2+1)$	-43105772	P	$9^8*-7-6+(5+4)^3-2*1$
-43101180	P	$-(9^8+(7*(6^5+4)-3)+2)*1$	-43105776	P	$-(9^8+7+(6/54)^3(3+2))+1$
-43101182	G	$-9^8-(7*(6^5+4)+3)+2*1$	-43105777	P	$-(9^8+7+(6/54)^3(3+2))*1$
-43101185	G	$-9^8-7*6^5-4^3/2*1$	-43106113	P	$-9^8+(-7+65)*-4^3(-3-2)*1$
-43101186	G	$-9^8-7*6^5-4^3/2-1$	-43106114	P	$-9^8+(-7+65)*-4^3(-3-2)-1$
-43101188	G	$-9^8-7*(6^5+4)-3*2-1$	-43106747	G	$-9^8-7^6*(5/(4+3))^2-1$
-43101189	G	$-9^8-7*6^5-4^3(2*1)$	-43107376	G	$-9^8-7*(6*(5+43)^2+1)$
-43101190	G	$-9^8-7*(6^5+4)-3^2(2*1)$	-43107411	G	$-9^8-7*6*((5-43)^2+1)$
-43101196	G	$-9^8-7/6^5-5-43^2(2-1)$	-43107950	G	$-9^8-7*(-6*(-5-4)^3*2-1)$
-43101214	G	$-9^8-7*6^5-4^3+2+1$	-43107957	P	$-9^8-7*6*(-(5+4)^3*2*1)$
-43101216	G	$-9^8-7*6^5-4^3+2-1$	-43108230	G	$-9^8-7*((6+5*4)^3/2-1)$
-43101218	G	$-9^8-7*6^5-4^3-2+1$	-43108238	G	$-9^8-7*(6+5*4)^3/2-1$
-43101220	G	$-9^8-7*6^5-4^3-2-1$	-43108314	G	$-9^8-7*(6^5+4^3(3+2)-1)$
-43101224	G	$-9^8-7*(6^5+4+3*2)-1$	-43108322	G	$-9^8-7*(6^5+4^3(3+2))-1$
-43101252	G	$-9^8-7*(6^5-(-4-3)*2)-1$	-43108566	P	$-9^8+7*(-(6*5-4^3)^2+1)$
-43101281	G	$-9^8-7/6^5-5-4*(32*1)$	-43108615	P	$-(9^8)-(7+6)*((5+4^3)^2)-1$
-43101294	P	$-9^8-7*(6^5-4*(3+2))-1$	-43108627	P	$-(9^8)-(7+6)*((5+4^3)^2)+1)$
-43101297	P	$-(9^8-7*6^5+(4*3)^2)*1$	-43108704	G	$-9^8-(-7+6^5/4)*32+1$
-43101321	P	$-9^8-7*(6^5-4*(3+2+1))$	-43108867	P	$-(9^8-((7-6^5)*4+3)^2)*1$
-43101322	G	$-9^8-7*(6^5-4*3^2)-1$	-43108879	P	$-(9^8+((-7+6^5)*4+3)^2)*1$
-43101350	G	$-9^8-7*(6^5-(4-32))-1$	-43108910	G	$-9^8-(-7-(-6^5+4+3))^2-1$
-43101377	G	$-9^8-7*(6^5+4^3/2)*1$	-43108915	P	$-(9^8-(7-(6^5*4-3)^2))+1$
-43101378	G	$-9^8-7*(6^5+4^3/2)-1$	-43108921	G	$-9^8-(-7+6^5*4+3)^2*1$
-43101405	G	$-9^8-7*(6^5+4+32)*1$	-43108922	G	$-9^8+7-6^5/4*(32*1)$
-43101406	G	$-9^8-7*(6^5+4+32)-1$	-43108929	P	$-(9^8+7+(6^5+4-3)^2)+1$
-43101441	P	$-9^8-76*5*(-(4*3)^2*1)$	-43108937	G	$-9^8-(-7-6^5*4+3)*(-2*1)$
-43101469	G	$-9^8-7*(6^5+4+3)-1$	-43108950	G	$-9^8+(-7-(6^5*4+3))^2-1$

-43108953	G	$-9^8 - (-7 - 6^5 + 4) * (-3^2 + 1)$	-43124836	G	$-9^8 + 7 + 6 - 5^4 (4 + 3) - 2 - 1$
-43108978	P	$-(9^8 - ((-7 - 6^5) * 4 + 3) * 2) + 1$	-43124843	G	$9^8 / (-7 + 6) - 5^4 (4 + 3) + 2 + 1$
-43109017	G	$-9^8 - (-7 - (6^5 + 4)) * (-3^2 + 1)$	-43124856	P	$-(9^8 + 7 + 6 + 5^4 (4 + 3)) + 2 + 1$
-43109152	G	$-9^8 + (-7 - 6^5 / 4) * 32 + 1$	-43124858	P	$-(9^8 + 7 + 6 + 5^4 (4 + 3)) + 2 - 1$
-43109220	P	$-(9^8 + (7 - 65 * 4 + 3) ^ 2) + 1$	-43124921	P	$-(9^8 + 76) - 5^4 (4 + 3) + 2 - 1$
-43109222	P	$-(9^8 + (7 - 65 * 4 + 3) ^ 2) - 1$	-43124925	P	$-(9^8) - 76 * (5 + 4^4 (3 + 2 * 1))$
-43111478	P	$-9^8 - 7 * (6 - 5 - (43^2 * 1))$	-43125121	P	$-9^8 - (7 * 6 * 5 * 4 / 3) ^ - (-2 * 1)$
-43111746	G	$-9^8 + 765 * (-43^2 + 1)$	-43125122	G	$-9^8 - (7 * 6 * 5 * 4 / 3) ^ 2 - 1$
-43111747	G	$-9^8 - ((-76 - 5 - 4) * 3) ^ 2 - 1$	-43125167	G	$-9^8 - (7^6 + 5 * 4) / (3 / 2 * 1)$
-43112241	P	$-9^8 - 7 * 65 * (- (4 * 3) ^ 2 * 1)$	-43125316	G	$-9^8 + (7 - (6 * 5 + 4) ^ 3) * 2 - 1$
-43113223	P	$-(9^8 + 7) - 65 * (4^4 (3 + 2) - 1)$	-43125322	P	$-9^8 + 7 + (6 * 5 + 4) ^ 3 * - (2 * 1)$
-43113268	G	$-9^8 + (-7 - 6) * (5 * 4^4 (3 + 2) - 1)$	-43125344	G	$-9^8 - (7 + (6 * 5 + 4) ^ 3) * 2 - 1$
-43113280	G	$-9^8 + (-7 - 6) * 5 * 4^4 (3 + 2) + 1$	-43125376	G	$-9^8 + 76 - 54^3 / 2 + 1$
-43113281	G	$-9^8 + (-7 - 6) * 5 * 4^4 (3^2 - 1)$	-43125377	P	$-9^8 + 76 + 54^3 / - (2 * 1)$
-43113286	G	$-9^8 - ((7 - 6 + 5) * 43) ^ 2 - 1$	-43125414	G	$-9^8 - (-76 + 54^3) / 2 + 1$
-43113803	G	$-9^8 - ((7 - (6 + 5)) ^ 4 + 3) ^ 2 - 1$	-43125431	G	$-9^8 + (7 * 6 - 54^3) / 2 + 1$
-43113946	P	$-(9^8 - 7^6 / (5 / 4 - 3)) + 2 + 1$	-43125440	P	$-9^8 + 7 + 6 + 54^3 / - (2 * 1)$
-43114095	G	$-9^8 - 7 * (6^5 + 43^2) + 1$	-43125443	G	$-9^8 - 7 - (-6 + 54^3) / 2 * 1$
-43114754	G	$-9^8 - 7 * (-6^5 / (4 / (-3 - 2))) - 1$	-43125450	G	$-9^8 + 7 + (-6 - 54^3) / 2 - 1$
-43114761	G	$-9^8 - 7 * 6^5 / 4 * (3 * 2 - 1)$	-43125452	G	$9^8 / (-7 + 6) + 6 - 54^3 / 2 + 1$
-43115097	G	$-9^8 + (-7 - 6 * 5) * (43^2 - 1)$	-43125454	P	$-(9^8 + 7) + 6 - 54^3 / 2 * 1$
-43115133	G	$-9^8 + (-7 - 6 * 5) * 43^2 + 1$	-43125461	P	$-(9^8 + 7) - (6 * (5 + 4)) ^ 3 / 2 - 1$
-43115608	G	$-9^8 - 7654 * 3^2 - 1$	-43125473	G	$-9^8 - (7 * 6 + 54^3) / 2 + 1$
-43116607	G	$-9^8 + (7 - 6^5 + 4) / 3^2 - 1$	-43125474	G	$-9^8 - (7 * 6 + 54^3) / 2 * 1$
-43116642	G	$-9^8 - (-7 + 6^5) * (4 + 3 + 2) * 1$	-43125495	P	$-(9^8 + 7 * 6 + 54^3 / 2) * 1$
-43116661	P	$-(9^8 - 7 + (-6^5 + 4) * -3^2) + 1$	-43125562	G	$-9^8 - 7 * ((-6 - 5) * -4^4 (3 + 2) - 1)$
-43116697	P	$-(9^8 - 7) - 6^5 * (4 + (3 + 2)) + 1$	-43125683	P	$-(9^8 + (7 - 6 * (5 + 43)) ^ 2) - 1$
-43116712	G	$-9^8 - 7 - 6^5 * (4 - (-3 - 2)) * 1$	-43127946	P	$-(9^8 + ((-7 - 65) * 4 + 3) ^ 2) * 1$
-43116747	P	$-(9^8 + 7 + (6^5 + 4) / 3^2 - 2) + 1$	-43127947	P	$-(9^8 + ((-7 - 65) * 4 + 3) ^ 2) - 1$
-43116748	P	$-(9^8 + 7 + (6^5 + 4) / 3^2 - 2) * 1$	-43128320	G	$-9^8 - 7 * ((-6^5 + 4) * -3 / 2 - 1)$
-43116804	G	$-9^8 - (-7 - (6^5 + 4)) * (-3^2 * 1)$	-43128328	G	$-9^8 - 7 * (-6^5 + 4) * -3 / 2 - 1$
-43117338	G	$-9^8 + (-7 - 6) * 5432 - 1$	-43128362	G	$-9^8 - 7 * (6^5 / 4 * 3^2 - 1)$
-43117478	P	$-(9^8 + (7 * 6 * (5 + 4 / 3)) ^ 2) - 1$	-43128404	G	$-9^8 - 7 * ((6^5 + 4) * 3 / 2 - 1)$
-43117537	G	$-9^8 - 7 * 6^5 - 4^4 (3 * 2 + 1)$	-43128412	G	$-9^8 + 7 * (6^5 + 4) * -3 / 2 - 1$
-43118144	G	$-9^8 - (7^6 - (5 * 43) ^ 2) + 1$	-43128642	P	$-(9^8 + 7) + 6 - 5 * 4^4 (3 * 2 + 1)$
-43118145	G	$-9^8 - (7^6 - (5 * 43) ^ 2) * 1$	-43129181	G	$-9^8 + 76 * (-543 * 2 + 1)$
-43119284	P	$-9^8 - 7 * (-6^5 * 4 / 3 + 2) - 1$	-43129665	G	$-9^8 + (-76 - 5) * 4^4 (3 + 2) * 1$
-43119304	G	$-9^8 - 7 * (6^5 * 4 / 32 + 1)$	-43129666	G	$-9^8 + (-76 - 5) * 4^4 (3 + 2) - 1$
-43119312	G	$-9^8 - 7 * (6^5 * 4 / 3 + 2) - 1$	-43129672	P	$-(9^8 + 7 + (6 * (5 + 43)) ^ 2) * 1$
-43119425	P	$-9^8 + (-76 + 5) * 4^4 - (-3 - 2) * 1$	-43129746	G	$-9^8 + (-76 - 5) * (4^4 (3 + 2) + 1)$
-43119426	P	$-9^8 + (-76 + 5) * 4^4 - (-3 - 2) - 1$	-43129825	G	$-9^8 - 7 * (6^5 + 4^4 (3^2) * 1)$
-43119550	P	$-(9^8 + 7 / (6 * (5^4 - 3))) ^ - 2) - 1$	-43129832	G	$-9^8 - 7 * (6^5 + 4^4 (3^2) + 1)$
-43119620	P	$-(9^8 + (7 + 65 * 4 + 3) ^ 2) + 1$	-43130756	G	$-9^8 - 7^6 (6 - (5 - 4)) * (3 + 2) * 1$
-43119622	P	$-(9^8 + (7 + 65 * 4 + 3) ^ 2) - 1$	-43130757	G	$-9^8 - 7^6 (6 - (5 - 4)) * (3 + 2) - 1$
-43119890	G	$-9^8 + (7 - (6 + 5) ^ 4) * (3 + 2) + 1$	-43131898	P	$(9^8 - (7 - ((6 + 5) * 4) ^ 3)) * - (2 - 1)$
-43119918	P	$-9^8 + 7 + (6 + 5) ^ 4 * - (3 + 2) + 1$	-43131912	P	$(9^8 + 7 + ((6 + 5) * 4) ^ 3) * - (2 - 1)$
-43119919	P	$-9^8 + 7 + (6 + 5) ^ 4 * - (3 + 2 * 1)$	-43132472	G	$-9^8 + (7 * (-6 + 5 - 4)) ^ 3 * 2 - 1$
-43119932	G	$-9^8 - (7 + (6 + 5) ^ 4 * (3 + 2)) + 1$	-43133156	P	$-(9^8 + (7 * (6 - 5 - 43)) ^ 2) + 1$
-43119960	P	$-9^8 + (7 + (6 + 5) ^ 4) * - (3 + 2) + 1$	-43133158	P	$-(9^8 + (7 * (6 - 5 - 43)) ^ 2) - 1$
-43120431	P	$-9^8 + (- (7 - 6) + 5) * (-4^4 (3 * 2) + 1)$	-43133623	P	$-(9^8 + (7 * 6 + 5) / 43^2 - 2) + 1$
-43120450	G	$-9^8 + (-7 - 65) * 4^4 (3 + 2) - 1$	-43133671	G	$-9^8 + (7 * 6 + 5) * (-43^2 - 1)$
-43120521	G	$-9^8 + (-7 - 65) * (4^4 (3 + 2) + 1)$	-43133747	G	$-9^8 - (7 - 6 * (-5 - 43)) ^ 2 - 1$
-43122896	G	$-9^8 - ((-7 + 6 * 5) * 4 * 3) ^ 2 + 1$	-43134524	G	$-9^8 + (7 - (6 + 5) ^ 4) * 3 * 2 + 1$
-43124166	P	$-(9^8) + 76 * (5 - 4^4 (3 + 2)) - 1$	-43134552	G	$-9^8 - (-7 + (6 + 5) ^ 4 * 3) * 2 + 1$
-43124169	P	$-9^8 - 7 * 6 * (- (5 + 43^2) * 1)$	-43134560	P	$-9^8 + 7 + (6 + 5) ^ 4 * - (3 + 2) + 1$
-43124176	G	$-9^8 - 7 * (6 * (-5 + 43^2) + 1)$	-43134580	G	$-9^8 + (-7 - (6 + 5) ^ 4 * 3) * 2 + 1$
-43124411	G	$-9^8 - (-7 + 6^5) * (4 + 3 * 2 * 1)$	-43134608	G	$-9^8 + (7 + (6 + 5) ^ 4) * -3 * 2 + 1$
-43124412	G	$-9^8 + (-7 + 6^5) * (-4 * 3 + 2) - 1$	-43136123	P	$-(9^8 + (7 - 6 * (54 - 3)) ^ 2) - 1$
-43124451	G	$-9^8 - (-7 + 6^5 + 4) * (3^2 + 1)$	-43136728	P	$-(9^8 + 7 + (6 * 5) ^ 4 * 3^2 - 2) * 1$
-43124473	P	$-(9^8 - 7) - 6^5 * (4 + 3 * 2) + 1$	-43137441	G	$-9^8 - 7 * 6 * 5 * (432 * 1)$
-43124487	G	$-9^8 - 7 - 6^5 * (4 + 3 * 2) + 1$	-43137448	G	$-9^8 - 7 * (6 * 5 * 432 + 1)$
-43124488	G	$-9^8 - 7 - 6^5 * (4 + 3 * 2) * 1$	-43138125	G	$-9^8 - (7^6 - (54 * 3) ^ 2) + 1$
-43124552	G	$-9^8 + (-7 - 6^5) * (4 - 3 * - 2) - 1$	-43138126	G	$-9^8 - (7^6 - (54 * 3) ^ 2) * 1$
-43124596	G	$-9^8 - (7 - 6 * (-5 - 43^2) + 1)$	-43138316	G	$-9^8 + 7 * (-6543 * 2 + 1)$
-43124631	G	$-9^8 - 7 * 6 * (-5 - 43^2 - 1)$	-43138575	G	$-9^8 - 7 / (6 * 54^4 - 3 * 2) * 1$
-43124737	G	$-9^8 + (7^6 - 5^4) / -3 * (2 * 1)$	-43138624	P	$-(9^8 - (8 - 7) ^ 6 + 5) + 4 + 3) ^ 2 * 1$
-43124768	G	$-9^8 + 76 - 5^4 (4 + 3) + 2 * 1$	-43138625	P	$-(9^8 - (8 - 7) ^ 6 + 5) + 4 + 3) ^ 2 - 1$
-43124769	G	$-9^8 + 76 - 5^4 (4 + 3) + 2 - 1$	-43139138	G	$-9^8 - (76 * (5 - (4 - 3))) ^ 2 - 1$
-43124770	G	$-9^8 + 76 - 5^4 (4 + 3) * (2 - 1)$	-43139822	P	$-9^8 + 76 * - (5 * (4 + 3)) ^ 2 - 1$
-43124834	G	$-9^8 + 7 + 6 - 5^4 (4 + 3) - 2 + 1$	-43140019	P	$-(9^8 - (7 - 6^4 (5 + 4 - 3)) * 2) * 1$

-43140020	P	$-(9^8 - (7 - 6^5(5+4-3))^2) - 1$	-43155424	G	$-9^8 - 7^*((6^5 - 4^3)^2 + 1)$
-43140026	P	$-(9^8 - 7) - 6^5 * 4^3 * (2 - 1)$	-43155486	P	$-9^8 - 7^*(-(6^5 + 4 + 3)^2 + 1)$
-43140033	G	$-9^8 + (7 + 6 + 5)^4 * (3^2 - 2 - 1)$	-43155494	P	$-9^8 - 7^*(-(6^5 + 4 + 3)^2 + 1)$
-43140364	P	$-(9^8 + 7 + (6^5(5 - 3))^2) * 1$	-43155522	G	$-9^8 + (7^*(-6^5 + 4 + 3))^2 + 1$
-43140464	P	$-9^8 + 7 - 6^5 - (-5^4(4^3/2))^2 * 1$	-43155534	G	$-9^8 - (-7^*(-6^5 + 4 + 3))^2 + 1$
-43140472	P	$-(9^8 + 7) - 6^5(5^4(4^3/2) - 1)$	-43155570	P	$-9^8 - 7^*(-(6^5 + 4 - 3)^2 + 1)$
-43140478	P	$-(9^8 + 7) - 6^5 * 5^4(4 + 3 - 2 + 1)$	-43155583	G	$-9^8 + (7^6 * 5 - 4 + 3)^*(-2^*1)$
-43140906	G	$-9^8 + (-7 + 6^5)^*(-4^3(3^2 + 1))$	-43155585	G	$-9^8 - 7^* - 6^5 * (4 + (-3^2)^2 + 1)$
-43141586	G	$-9^8 - (7^*(6 - (5 - 43)))^2 - 1$	-43155586	G	$-9^8 - (7^6 * 5 + 4 - 3)^2 + 1$
-43142544	P	$-9^8 + 7^*(-(6^5 * 4 + 3)^2 * 1)$	-43155592	P	$-(9^8 + 7 + 6^5 * (4 + 3))^2 * 1$
-43142551	P	$-9^8 + 7^*(-(6^5 * 4 + 3)^2 - 1)$	-43155598	G	$-9^8 - (7^6 * 5 + 4 + 3)^2 + 1$
-43142706	G	$-9^8 - (-7 - 6^5(5^4)^3)^2 + 1$	-43155634	G	$-9^8 + (-7^*(6^5 + 4 + 3))^2 + 1$
-43142727	P	$-(9^8 + 7) - 6^5(5^4)^3 * 2 + 1$	-43155646	G	$-9^8 - (7^*(6^5 + 4 + 3))^2 + 1$
-43142734	G	$-9^8 + (-7 - 6^5(5^4)^3)^2 + 1$	-43155683	P	$-9^8 - 7^*(-(6^5 - (4 + 3))^2 * 1)$
-43143490	G	$-9^8 - 7^6 / (5 + 43)^2 - 1$	-43155690	P	$-9^8 - 7^*(-(6^5 - (4 + 3))^2 * 1)$
-43143496	G	$-9^8 - 7^*(6^5(5 - 43)^2 + 1)$	-43155753	P	$-9^8 - 7^*(-(6^5 + 4^3)^2 * 1)$
-43143531	G	$-9^8 - 7^6 * ((5 + 43)^2 + 1)$	-43155754	P	$-9^8 - 7^*(-(6^5 - 4^3)^2 - 1)$
-43144608	G	$-9^8 - (7^6 + 5^4(4 + 3)) / (2^*1)$	-43155760	G	$-9^8 - 7^*((6^5 + 4^3)^2 + 1)$
-43144691	P	$-9^8 - (7 - 6^5 - (54 - 3))^2 - 1$	-43155970	G	$-9^8 - 7^*(6^5 - (54 + 3))^2 + 1)$
-43145309	P	$-9^8 - 7 + (6^5 * 4^3)^2 + 1$	-43156005	G	$-9^8 - 7^6 * ((5 + 43)^2 + 1)$
-43145316	P	$-(9^8 + (7 - 6^5 * 4 + 3))^2 + 1$	-43156053	P	$-9^8 - 7^*(-(6^5(4^3/2))) + 1$
-43145318	P	$-(9^8 + (7 - 6^5 * 4 + 3))^2 - 1$	-43156054	P	$-9^8 - 7^*(-(6^5(4^3/2))^2 * 1)$
-43145325	P	$-(9^8 + 7 + (6^5 * 4^3)^2) - 1$	-43156089	P	$-9^8 + 7^*(-(6^5 + 4)^3 * 2 + 1)$
-43145947	G	$-9^8 - (7^*(6^5(5 - 43)))^2 - 1$	-43156096	P	$-9^8 + 7^*((6^5 + 4)^3 * 2^*1)$
-43147719	P	$-9^8 + (-7 + 6^5)^*(-(4 + 3^2) - 1)$	-43156137	G	$-9^8 - 7^*(6^5 + 4^3(2/2)) + 1$
-43147803	G	$-9^8 + 7 - 6^5 * (4 + 3^2) - 1$	-43156138	G	$-9^8 - 7^*(6^5 + 4^3(2/2))^2 * 1$
-43147900	G	$-9^8 + (-7 - 6^5)^*(4 + 3^2)^2 * 1$	-43156180	G	$-9^8 - 7^*((6^5 + 43)^2 - 1)$
-43147901	G	$-9^8 + (-7 - 6^5)^*(4 + 3^2) - 1$	-43156188	G	$-9^8 - 7^*(6^5 + 43)^2 - 1$
-43147978	P	$-(9^8 + 7) + (6^5)^4 / (-3^2 + 1)$	-43156482	G	$-9^8 + 7^*(-6^5 - 4^3)^2 - 1$
-43148371	G	$-9^8 - 7^6 - (5^4)^3 * 2 - 1$	-43156488	P	$-9^8 - 7^*(-(6^5 - 4^3)^2 + 1)$
-43148985	P	$-9^8 + 7^*(-(6^5)^4 + 32) - 1$	-43156541	G	$-9^8 - 7^6 * ((5 - 43)^2 + 1)$
-43149045	P	$-9^8 - 7 + (6^5 * 4^3)^2 * 1$	-43157318	P	$-9^8 + 7 - (6^5 + 4^3)^2 * 1$
-43149108	P	$-(9^8 + 7 + 6 - ((5^4)^3)^2 * 1)$	-43157528	G	$-9^8 - 7^6 * (5 + 4)^3 * 2 + 1$
-43149109	P	$-(9^8 + 7 + 6 - ((5^4)^3)^2 + 1)$	-43157529	G	$-9^8 - 7^6 * (5 + 4)^3 * 2^*1$
-43149120	P	$-(9^8 + 7 - (6 + (5^4)^3)^2 * 1)$	-43157605	G	$-9^8 - 7^6 * ((5 + 4)^3 * 2 + 1)$
-43149144	P	$-9^8 + 7^*(-((6 + 5)^4 + 3^2) + 1)$	-43157646	G	$-9^8 - 7^6 * ((4^3)^2 + 1)$
-43149163	P	$-(9^8 + 7^6) - (5^4)^3 * (2^*1)$	-43158276	P	$-(9^8 + (7 + 6^5 * 4 + 3)^2) + 1$
-43149167	P	$-9^8 + 7^*(-((6 + 5)^4 - 3^2) - 1)$	-43158278	P	$-(9^8 + (7 + 6^5 * 4 + 3)^2) - 1$
-43149174	P	$-9^8 + 7^*(-((6 + 5)^4 - (3 + 2)) - 1)$	-43158638	G	$-9^8 - 7^*(-(6^5 - (5^4)^3)^2 - 1)$
-43149184	P	$-9^8 + 7^*(-((6 + 5)^4 + 3) + 2 + 1)$	-43158644	G	$-9^8 - 7^*(-(6^5 + (5^4)^3)^2 + 1)$
-43149197	P	$-(9^8 + 76) - (5^4 - 3)^2 * (2^*1)$	-43158806	G	$-9^8 + 7^*(-(6^5 - (5^4)^3)^2 - 1)$
-43149226	P	$-9^8 + 7^*(-((6 + 5)^4 + 3) + 2 + 1)$	-43158812	G	$-9^8 - 7^*((6^5 - (5^4)^3)^2 + 1)$
-43149244	P	$-9^8 + 7^*(-((6 + 5)^4 + 3 + 2) - 1)$	-43158947	P	$-(9^8 + (7 - 6^5(54 + 3))^2) - 1$
-43149250	P	$-9^8 + 7^*(-((6 + 5)^4 + 3^2) * 1)$	-43159610	P	$-(9^8 + 7^6) + (5 + 4^3)^2 - 1$
-43149251	P	$-9^8 + 7^*(-((6 + 5)^4 + 3^2) - 1)$	-43160269	G	$-9^8 - 7^6 + 5 + 4^3 * (2^*1)$
-43149270	P	$-9^8 + 7^*(-((6 + 5)^4 + 3^2) + 1)$	-43160890	P	$-(9^8 + 7^6) + (5 - 4^3)^2 - 1$
-43149433	P	$-9^8 + 7^*(-((6 + 5)^4 + 3^2) - 1)$	-43161120	P	$-(9^8 + 7^6) + (5 + 4^3)^2 + 1$
-43150543	P	$-(9^8 - (7 - 6^5(5 + 4))^3 - 2) - 1$	-43161122	P	$-(9^8 + 7^6) + (5 + 4^3)^2 - 1$
-43150544	P	$(9^8 - (7 - 6^5 - (-5 - 4))^3)^2 - (2 - 1)$	-43161643	G	$-9^8 - (7^*(6 - 54) - 3)^2 - 1$
-43150545	P	$-(9^8 - (7 - 6^5(5 + 4))^3) - 2 + 1$	-43161768	P	$-(9^8 + 7^6) + (54 - 3)^2 + 1$
-43150708	G	$-9^8 + (-7 - 6)^5 * ((5^4)^3 - 2 + 1)$	-43161770	P	$-(9^8 + 7^6) + (54 - 3)^2 - 1$
-43150718	G	$-9^8 + (-7 - 6)^5 * (5^4)^3 + 2 + 1$	-43162065	P	$-(9^8 + 7^6) + (5 + 4^3)^2 + 1$
-43151033	G	$-9 + (-8^7 - 6^5)^*(43/2 - 1)$	-43162067	P	$-(9^8 + 7^6) + (5 + 4^3)^2 - 1$
-43151664	P	$-(9^8 + (7 + 6 + 5)^4 - 32) + 1$	-43162515	P	$-(9^8 + 7^6) + 5 + 4^3^2 + 1$
-43151666	P	$-(9^8 + (7 + 6 + 5)^4 - 32) - 1$	-43162525	P	$-(9^8 + 7^6 + 5) + 4^3^2 + 1$
-43151687	P	$-9^8 + (7 + 6 + 5)^4 - 3^2 + 1$	-43162925	P	$-(9^8 + 7^6) + (5 - 43)^2 + 1$
-43151689	P	$-(9^8 + (7 + 6 + 5)^4 - 3^2) - 1$	-43162927	P	$-(9^8 + 7^6) + (5 - 43)^2 - 1$
-43151701	P	$-(9^8 + (7 + 6 + 5)^4 + 3 + 2) + 1$	-43163120	P	$-(9^8 + 7^6) + 5^4 / (3/2 - 1)$
-43152597	G	$-9^8 - (7^6 - 5 - 4) / (3^2 - 2 + 1)$	-43163146	P	$-(9^8 + 7^6 - (5^*(4 + 3))^2) - 1$
-43152624	P	$-9^8 + 7^*(-(6^5 * 4 + 3)^2 * 1)$	-43163201	P	$-9^8 + 7^*(-(6^5 + 4^3)^2 + 1)$
-43152631	P	$-9^8 + 7^*(-(6^5 * 4 + 3)^2 - 1)$	-43163645	P	$-(9^8 + 7^6) - 5^*(-(4^3)^2 - 1)$
-43153905	G	$-9^8 + (-7 + 65)^*(-43^2 + 1)$	-43163692	P	$-(9^8 + 7^6 + (6^5(54 + 3))^2) * 1$
-43154690	G	$-9^8 + 7^*(-6^5 + 4^3)^2 - 1$	-43163712	P	$-(9^8 + 7^6) + 5^4 + 32 + 1$
-43154696	P	$-9^8 - 7^*(-(6^5 + 4^3)^2 + 1)$	-43163714	P	$-(9^8 + 7^6) + 5^4 + 32 - 1$
-43154963	P	$-(9^8 + ((7^6 + 5)^*(4 + 3))^2) - 1$	-43163736	P	$-(9^8 + 7^6) + 5^4 + 3^2 * 1$
-43154976	P	$-9^8 - 7^*(-(6^5 + 43)^2 - 1)$	-43163737	P	$-(9^8 + 7^6) + 5^4 + 3^2 - 1$
-43154984	P	$-9^8 - 7^*(-(6^5 + 43)^2 - 1)$	-43163754	P	$-(9^8 + 7^6) + 5^4 - 3^2 * (2^*1)$
-43155125	P	$-9^8 + 7^6 - 5^4 * 3^2 * 1$	-43163776	P	$-(9^8 + 7^6) + 5^4 - 32 + 1$
-43155417	P	$-9^8 - 7^*(-(6^5 + 4^3)^2 * 1)$	-43163778	P	$-(9^8 + 7^6) + 5^4 - 32 - 1$
-43155418	P	$-9^8 - 7^*(-(6^5 + 4^3)^2 - 1)$	-43163793	G	$-9^8 + (7 - (6 + 5)^4)^*(3^2 - 1)$

-43163824	P	$-(9^8+7^6)+543+2+1$	-43169739	P	$-9^8+7^*(-(6+5^4)^3+2)^*1$
-43163826	P	$-(9^8+7^6)+543+2-1$	-43170478	G	$-9^8-7-6/(5^4-4/(32+1))$
-43163828	P	$-(9^8+7^6)+543-2+1$	-43170485	P	$-9^8+(-(7+6)^5+4)/3-2+1$
-43163830	P	$-(9^8+7^6)+543-2-1$	-43172045	P	$-(9^8+7+(6^*(5-4^3))^2)-1$
-43163842	P	$-9^8+7+(6+5)^4*(3^2-1)$	-43172370	P	$(9^8+7^6+(5^4)^3)/(-2-1)$
-43163884	P	$-(9^8+7^6-54^3)^2)^*1$	-43174171	P	$-(9^8+(7*(6-54-3))^2)-1$
-43163932	P	$-(9^8+7^6)+5+432+1$	-43176314	G	$-9^8+7-(6^5*4^3)^2)^*1$
-43163934	P	$-(9^8+7^6)+5+432-1$	-43176328	P	$-(9^8+7)-(6^5*4^3)^2)^*1$
-43164083	P	$-(9^8+7^6)+(5+4)^3-1$	-43176329	P	$-(9^8+7)-(6^5*4^3)^2-1$
-43164190	P	$-(9^8+7^6)+5^4*(3^2)^2)^*1$	-43177043	G	$-9^8-(7-6*(5-4^3))^2-1$
-43164226	P	$-(9^8+7^6)+(5+4+3)^2)^*1$	-43177964	G	$-9^8-7*(6^5*(4+3-2)-1)$
-43164227	P	$-(9^8+7^6)+(5+4+3)^2-1$	-43177971	G	$-9^8-7*(6^5*(4+3-2))^2)^*1$
-43164230	P	$-(9^8+7^6+5^4*(4-32))^*1$	-43177973	G	$-9^8+76*(-54^3+2+1)$
-43164236	G	$-9^8-7^6+5+4^3+2+1$	-43177999	G	$-9^8+(-76+5)/43^2-2+1$
-43164237	P	$-(9^8+7^6)+5+4^3*(32)^2)^*1$	-43178071	G	$-9^8+(-76+5)^4*(43^2+1)$
-43164251	P	$-(9^8+7^6)-(5-4^3)^2)^*2+1$	-43178428	G	$-9^8+(7-(6+5)^4)^3+2-1$
-43164257	P	$-(9^8+7^6)+(5+4+3)^2-1$	-43178483	P	$-9^8+7+(6+5)^4*(3^2)^2)^*1$
-43164270	P	$-(9^8+7^6-5^4*(3+2))^2)^*1$	-43179921	G	$-9^8+(-7-65)^4*(43^2+1)$
-43164275	P	$-(9^8+7^6)+(5+4+3)^2-1$	-43180030	P	$-9^8+7^*(-(6^*(5^4+3))^2-1)$
-43164278	G	$-9^8-7^6+5+4^3+2+1$	-43180036	P	$-9^8+7^*(-(6^*(5^4-3))^2-1)$
-43164279	G	$-9^8-7^6+5+4^3+2)^*1$	-43180371	G	$-9^8-7^6+(5^4-4)^3+2-1$
-43164283	P	$-(9^8+7^6)+54+32+1$	-43181177	G	$-9^8+7^6/((5/-4+3)/-2)^*1$
-43164285	P	$-(9^8+7^6)+54+32-1$	-43181728	P	$-9^8-7+(6^5)^4/3/-2)^*1$
-43164323	P	$-(9^8+7^6)+5+4+3-2+1$	-43182794	G	$-9^8-7*(6^5*(4-3/2)-1)$
-43164325	P	$-(9^8+7^6)+5+4+3-2-1$	-43183180	G	$-9^8-7^6/(54+3)^2-1$
-43164331	P	$-(9^8+7^6+5)+4+3+2-1$	-43183186	G	$-9^8-7*(6^*(54-3))^2+1$
-43164405	P	$(9^8+7^6+5^4*(4+3))/(-2-1)$	-43183221	G	$-9^8-7^6*((54+3)^2+1)$
-43164414	P	$-(9^8+7^6+54)+3+2+1$	-43184284	G	$-9^8-7*(6^5+4)^3/2+1$
-43164447	P	$-(9^8+7^6)+(5-4+3)^2-1$	-43184285	G	$-9^8-7*(6^5+4)^3/2)^*1$
-43164452	P	$-(9^8+7^6)+5-4+3^2-1$	-43184292	G	$-9^8-7*((6^5+4)^3/2+1)$
-43164471	P	$-(9^8+7^6+5^4*(3+2))^2-1$	-43184361	G	$-9^8-(7*(65-4^3))^2+1$
-43164489	P	$-(9^8+7^6)+5-4^3*(32-1)$	-43185376	G	$-9^8-7*(6+5^4)^3+2+1$
-43164492	P	$-(9^8+7^6)+5-4^3+2+1$	-43185384	G	$-9^8-7*((6+5^4)^3+2+1)$
-43164494	P	$-(9^8+7^6)+5-4^3+2-1$	-43185849	P	$-(9^8+(76^5-4-3)^2)+1$
-43164510	P	$-(9^8+7^6-5^4*(4-32))^2)^*1$	-43185851	P	$-(9^8+(76^5-4-3)^2)-1$
-43164529	P	$-(9^8+7^6)-54^3+2+1$	-43186641	P	$-9^8+(-7-6^5)^4+3)/2-1$
-43164531	P	$-(9^8+7^6)-54^3+2-1$	-43186644	G	$-9^8-((7-6^5)^4+3)/2-1$
-43164533	P	$-(9^8+7^6)-54^3-2+1$	-43186689	P	$9^8*-((7-(6-5)/4)^{-3+2-1})$
-43164535	P	$-(9^8+7^6)-54^3-2-1$	-43186865	P	$-(9^8-76*(5-43^2))^2)^*1$
-43164550	P	$-(9^8+7^6)-5^4*(4+32)^2)^*1$	-43187346	P	$-(9^8+(7^6*5^4*(5+4+3)^2)^2)^*1$
-43164582	P	$-(9^8+7^6)-5^4+3+2+1$	-43188065	P	$-9^8-7*(-(6-5^4)^3+2)^2)^*1$
-43164584	P	$-(9^8+7^6)-5^4+3+2-1$	-43188072	P	$-9^8-7*(-(6-5^4)^3+2+1)$
-43164586	P	$-(9^8+7^6)-5^4+3-2+1$	-43189093	P	$-(9^8+7^6*(6+5)/43^2)+1$
-43164588	P	$-(9^8+7^6)-5^4+3-2-1$	-43189101	G	$-9^8-7*((6-5)^4*(4+3)^2+1)$
-43164660	P	$-(9^8+7^6+(5+4^3)^2)-1$	-43189171	G	$-9^8-7*(-6-5)^4*(4+3)^2-1$
-43164675	P	$-(9^8+7^6)-5^4*(4^3-2-1)$	-43189221	G	$(9^8+76/5^4-4^3)/(-2+1)$
-43164685	P	$-(9^8+7^6)-5^4*(4^3-2+1)$	-43189606	G	$-9^8-(7^6*(6+5+4+3))^2-1$
-43164687	P	$-(9^8+7^6)-5^4*(4^3+2+1)$	-43190032	P	$-9^8-7*(-(6-5^4)^3*(3^2-2))-1$
-43164689	P	$-(9^8+7^6)-5^4*(4^3+2-1)$	-43190039	P	$-9^8-7^*(-(6-5^4)^3*(3^2))^2)^*1$
-43164694	P	$-(9^8+7^6)-54^3*(3+2+1)$	-43190040	P	$-9^8-7^*(-(6-5^4)^3*(3^2))-1$
-43164796	P	$-(9^8+7^6)+5-432+1$	-43190123	P	$-9^8-7^*(6-5/-4^4-(3^2)^2)^2)^*1$
-43164798	P	$-(9^8+7^6)+5-432-1$	-43190124	G	$-9^8-7*(6-5^4*(3^2))-1$
-43165058	G	$-9^8-((-7-6+5)^4+3)^2-1$	-43190130	P	$-9^8-7*(-(6-5^4)^3*(3^2))+1$
-43165085	P	$-(9^8+7^6)-5^4*((4^3)^2-1)$	-43190613	G	$-9^8-(7^6+54^3)^2+1$
-43165596	P	$-(9^8+7^6+5^4*(4+3))^2)^*1$	-43190614	G	$-9^8-(7^6+54^3)^2)^*1$
-43166496	G	$-9^8+(7-6/5^4-4)^3+2+1$	-43191120	P	$-(9^8+(76^5/(4-3))^2)+1$
-43166714	G	$-9^8+7-6/(5^4-4/(32+1))$	-43191866	G	$-9^8-7*(6^5*4^3/3^2-1)$
-43166728	G	$-9^8-7-6/(5^4-4/(32+1))$	-43191873	G	$-9^8-7^6*5^4*(4/3^2)^2)^*1$
-43166893	G	$-9^8+(-7-6)^4*(5^4+3^2-1)$	-43193138	P	$-(9^8+7)+(6+5)^4*(3^2-1)$
-43166905	G	$-9^8+(-7-6)^4*(5^4+3^2-1)$	-43193201	P	$-9^8+(7+(6+5)^4)^2*(3^2-1)$
-43166944	P	$-(9^8+(7+6/5^4-4)^3+2+1)$	-43193210	G	$-9^8+7^*(-654^3+2+1)$
-43166978	P	$-(9^8+7)-65^4*(43^2+1)$	-43194176	P	$-(9^8+((7-6+5)/4^4-3)^2)+1$
-43167131	P	$-(9^8)-((7+6^5*(5-4^3))^2)-1$	-43194897	G	$-9^8+(7^6-6/(5-4))^3*(3^2)^2)^*1$
-43167970	P	$-(9^8+7^6+(5^4*3)^2)^2)^*1$	-43196571	G	$-9^8+(-76-5)^4*(43^2+1)$
-43168523	G	$-9^8-(7-6*(-54-3))^2-1$	-43197920	G	$-9^8-7^6/(5^4*3)^2-2+1$
-43168696	P	$-9^8+7^*(-((6-5)^4*3)^2-1)$	-43197984	P	$-9^8-7^6*(6-5^4)^2*(3^2)^2)^*1$
-43169193	G	$-9^8-7^6*5^4/4^3+2)^2)^*1$	-43198273	P	$-(9^8+(7^6-5)^4*(3^2))^2)^*1$
-43169594	P	$-9^8+7-6*(-(5^4*(3^2)^2)^*1)$	-43199808	G	$-9^8-76543^2-1$
-43169602	P	$-9^8-7-6*(-(5/4^4*(3^2-2)+1)$	-43202247	P	$-(9^8+7)-6^5*4^3*(3+2)+1$
-43169608	P	$-9^8-7-6*(-(5/4^4*(3^2-2)^2)^*1)$	-43202248	P	$-(9^8+7)-6^5*4^3*(3+2)^2)^*1$

-43202894	G	$-9^8+76-5^4(4+3)^2+1$	-43237226	G	$-9^8-7^*(6^5*(-4-3)/-2-1)$
-43202896	G	$-9^8+76-5^4(4+3)^2-1$	-43237233	P	$-9^8-7^*6^5*(-4-3)/2^*1$
-43202945	P	$-(9^8-(7+6-5^4(4+3))^2)^*1$	-43239233	G	$-9^8+(7^*-6-5)^4(3^2)^*1$
-43202966	P	$-(9^8+7-(6-5^4(4+3))^2)^*1$	-43239280	G	$-9^8+(7^*6+5)^*(-4^3(3^2)-1)$
-43202969	P	$-(9^8-(7-6-5^4(4+3))^2)^*1$	-43240946	G	$-9^8+(-7+6^5)^*(-4^3(3^2)-1)$
-43202977	P	$-(9^8-(7-(6+5^4(4+3))^2))^{-1}$	-43241202	G	$-9^8-(7^*(6+5+3))^2^*1$
-43202991	P	$-(9^8+7+(6+5^4(4+3))^2)^{-1}$	-43241203	G	$-9^8-(7^*(6+5+3))^2-1$
-43202998	P	$-(9^8+(7+6+5^4(4+3))^2)^{-1}$	-43243274	G	$-9^8+7^*(-65^432+1)$
-43203012	G	$-9^8-7^*6-5^4(4+3)^2+1$	-43243999	G	$-9^8+7^6-54^3(3^2)+1$
-43203123	P	$-(9^8+(76+5^4(4+3))^2)^*1$	-43244000	G	$-9^8+7^6-54^3(3^2)^*1$
-43203124	P	$-(9^8+(76+5^4(4+3))^2)^{-1}$	-43244282	P	$-9^8+7^*(-(6-54^3-3)^2+1)$
-43204106	G	$-9^8+76-54^3(3^2)+1$	-43244473	G	$-9^8-76^*((54-3)^2+1)$
-43204141	P	$-(9^8-7^*6+54^3)+2^*1$	-43247424	P	$-(9^8+(7^*65-4-3)^2)+1$
-43204175	G	$-9^8+7+6-54^3(3^2)-1$	-43247426	P	$-(9^8+(7^*65-4-3)^2)^{-1}$
-43204177	G	$-9^8+7-6/(54^3)^{-2}+1$	-43249833	G	$-9^8+(-7-6)^*(5^4(4^3/2)^{-1})$
-43204189	P	$-(9^8+7)-(6^*(5+4))^3+2+1$	-43249846	G	$-9^8+(-7-6)^*5^4(4^3/2)^*1$
-43204195	P	$-(9^8+7+(6^*(5+4))^3+2)^{-1}$	-43249847	G	$-9^8+(-7-6)^*5^4(4^3/2)^{-1}$
-43204328	P	$-(9+(8^*7-65)^4+3)^2+1$	-43251654	P	$-9^8-7^*(-(6+5)^4+3)^2-1$
-43205923	P	$-(9^8+(7^*(6+5+3))^2)^{-1}$	-43251660	P	$-9^8-7^*(-(6+5)^4+3)^2+1$
-43206722	P	$-(9^8+7)+6-((5^4)^3+2-1))$	-43251690	G	$-9^8+(-7^*(6+5)^4+3)^2-1$
-43209920	P	$-9^8-7^*(-(6^5+4)^3+2)^{-1}$	-43251702	G	$-9^8-(7^*(6+5)^4+3)^2-1$
-43209931	P	$-(9^8+7^*(6^5-4)^3)+2^*1$	-43251738	G	$-9^8-7^*((6+5)^4+3)^2-1$
-43209947	P	$-9^8-7^*(-(6^5+4)^3+2)^*1$	-43251744	G	$-9^8-7^*((6+5)^4+3)^2+1$
-43209948	P	$-9^8-7^*(-(6^5+4)^3+2)^{-1}$	-43253753	P	$-(9^8+7+(65^4(4+3))^2)^*1$
-43210018	G	$-9^8-7^*6^5(4-(3-2))^{-1}$	-43254734	G	$-9^8+(-7-6)^*((5^4)^3+2+1)$
-43210088	P	$-9^8-7^*(-(6^5+4)^3+2)^{-1}$	-43256484	P	$-9^8+(-7+6^5)^*(-(4+3)^2)+1$
-43210116	G	$-9^8-7^*((6^5+4)^3+2)^{-1}$	-43256667	P	$-(9^8-(7+6+5)^4+3)^2)^*1$
-43210164	G	$-9^8+(-7-6^5)^*(4^*(3+2)+1)$	-43256680	P	$-(9^8+(7+6+5)^4+3)^2)^{-1}$
-43210594	G	$-9^8-(7^6+(5^4)^3)^2+1$	-43256752	G	$-9^8+7^6-5^4(4^3(3^2)-1)$
-43210595	G	$-9^8-(7^6+(5^4)^3)^2)^*1$	-43258394	G	$-9^8-7^*(6^5(4-3^2-2)^{-1})$
-43210805	G	$-9^8+76^*(-5^432+1)$	-43258400	G	$-9^8-7^*6^5(4-3^2-2)+1$
-43212371	P	$-(9^8+(7-6^*(5+4^3))^2)^{-1}$	-43261754	G	$-9^8-7^*(6^5(4^3+3-2)^{-1})$
-43213093	P	$-(9^8+(7-6+54)^3)+2+1$	-43261761	P	$-9^8-7^*6^5(4^3-3-2)^*1$
-43213095	P	$-(9^8+(7-6+54)^3)+2-1$	-43261971	P	$-9^8-7^*6^5(4^3-3-2)+1$
-43213097	P	$-(9^8+(7-6+54)^3)^{-2}+1$	-43262712	G	$-9^8+7-(6+54)^3+2^*1$
-43213099	P	$-(9^8+(7-6+54)^3)^{-2}-1$	-43263878	G	$-9^8-(7+(-6-5)^4)^3)^2-1$
-43213897	G	$-9^8+7-6^5(4^3/2)+1$	-43264225	P	$-9^8-7^*(-6^5(4+3)^2)^*1$
-43213898	P	$-9^8+7-6^5(4^3/2)^{-1}$	-43264226	P	$-9^8-7^*(-6^5(4+3)^2)^{-1}$
-43213911	P	$-(9^8+7)-6^5(4^3/2)+1$	-43264232	G	$-9^8-7^*(6^5(4-3)+1)$
-43213912	P	$-(9^8+7)-6^5(4^3/2)^*1$	-43264253	P	$-9^8+(-7+6^5)^*(-(4+3)^2)^*1$
-43214728	G	$-9^8-7^*(6^*(5^4)^3/2+1)$	-43264379	G	$-9^8-7^*(6^5(4-3)^2-1)$
-43217066	P	$-9^8+7^*(-(6+54^3-3)^2+1)$	-43264385	P	$-9^8-7^*(-(6^5(4+3)^2)+1)$
-43218125	P	$-(9^8+7+(6^*(5+4^3))^2)^{-1}$	-43264406	G	$-9^8-7^*(6^5(4-3)^2)+1$
-43218536	G	$-9^8-7^*(6^*(5+4^3))^2)^{-1}$	-43264413	G	$-9^8-7^*(6^5(4+3-2)+1)$
-43218543	P	$-9^8-7^*6^*(5-4^4(3^2))^*1$	-43264414	G	$-9^8-7^*(6^5(4-3)^2+1)$
-43218585	G	$-9^8-7^*6^*(5-4^4(3^2)^{-1})$	-43264428	P	$(9^8+7^*(6^5(4-3)))/(-2-1)$
-43218956	G	$-9^8-7^*(-6^*(5-4^4(3^2))^2)^{-1}$	-43264442	P	$-9^8+7-6^5(4-3)^2)^*1$
-43218963	P	$-9^8-7^*6^*(5-4^4(3^2))^*1$	-43264446	G	$(-9^8-7^*6^5(4+3)/2)^{-1}$
-43220611	P	$-(9^8+(7^*(6+5+4)^3)^2)^{-1}$	-43264456	P	$-(9^8+7)+6^5(4-3^2+1)$
-43221749	P	$-9^8+76^*(-(5+4)^3)^2+1$	-43264467	G	$-9^8-7^*(6^5(4+3)+2+1)$
-43223187	G	$-9^8+(-7^6+5)/(-4/3+2)^*1$	-43264470	P	$(9^8+7^*(6^5(4+3)))/(-2-1)$
-43223202	P	$-(9^8-(7^6+5)/(4/3-2))^*1$	-43264473	G	$-9^8-7^*(6^5(4+3)^2+1)$
-43223963	P	$-(9^8)-((7+6^*(5+4^3))^2)^{-1}$	-43264477	G	$-9^8-7^*(6^5(4+3)^2-1)$
-43225576	P	$-(9^8+7)-6^5(4^3(3^2)-1)$	-43264483	G	$-9^8-7^*(6^5(4-3)^2)+1$
-43225730	G	$-9^8+(-7-6^5)^*(4^3(3^2)-1)$	-43264490	G	$-9^8-7^*(6^5(4+3)^2)+1$
-43226498	P	$-(9^8+(7^*(65-4)^3)^2)^{-1}$	-43264511	P	$-9^8-7^*(-(6^5(4-3)^2)+1)$
-43228154	G	$-9^8-7^*(6^5(4/3+2)^{-1})$	-43264646	P	$-(9^8+(-7-6^5)^*(4-3)^2)^{-1}$
-43228162	G	$-9^8-7^*6^5(4/3+2)^{-1}$	-43264673	P	$-9^8-7^*(-(6^5(4-3)^2)^*1)$
-43230427	G	$-9^8-7/6^5(4^3+2)^*1$	-43264674	G	$-9^8-7^*(6^5(4+3)^2)^{-1}$
-43230436	G	$-9^8-7^*((6^*(-5-4)^3)^2+1)$	-43264680	P	$-9^8-7^*(-(6^5(4-3)^2)+1)$
-43230471	P	$-9^8-7^*(6-(-54^3)^2)^*1$	-43266770	P	$-(9^8+7^6+(5^4)^3)^2)^*1$
-43231622	P	$-(9^8+(7^*(65-4)^3)^2)^{-1}$	-43267897	G	$-9^8+7+(6-54)^3+2+1$
-43232365	P	$-(9^8+((7+6)^5-4-3)/2)^{-1}$	-43267911	P	$-(9^8+7)+(6-54)^3(3^2)+1$
-43233332	G	$-9^8-(7-6^5(4^3))^2-1$	-43267912	P	$-(9^8+7)+(6-54)^3(3^2)^*1$
-43233338	P	$-9^8+7-6^5(4^3)^2+1$	-43270490	G	$-9^8-7^*(6^5(4+3)^2)^{-1}$
-43233345	P	$-(9^8+((7-(6-5))^4)^3)^2)^*1$	-43270496	G	$-9^8-7^*6^5(4+3)^2+1$
-43233352	P	$-(9^8+7)-6^5(4^3(3^2)^*1)$	-43272428	G	$-9^8+(-7-6^5)^*(-(4+3)^2+1)$
-43233360	G	$-9^8+(-7-6^5(4^3))^2-1$	-43273514	P	$-9^8+7^*(-(6-54)^3)^2+1$
-43235721	G	$-9^8-7^*((6^5)^4(4-3)^2)^*1$	-43273693	G	$-9^8+7-(65-4)^3+2^*1$
-43235728	G	$-9^8-7^*((6^5)^4(4-3+2)+1)$	-43273700	P	$-(9^8+(7+6^*(5+4))^3)^2)^*1$

-43273702	P	$(9^8+(7+6*(5+4))^3)^*- (2-1)$	-43327622	P	$-(9^8+(7+6-543)^2)-1$
-43274858	G	$-9^8+7*(-6*5432+1)$	-43329744	G	$-9^8-(76*(5-4*3))^2+1$
-43277122	P	$-(9^8+(7*(65+4)-3)^2)-1$	-43331721	G	$-9^8-76*5^4*3*2^1$
-43281089	G	$-9^8+7-6*5^4(4+3)/2^1$	-43331722	G	$-9^8-76*5^4*3*2^1$
-43281090	G	$-9^8+7-6*5^4(4+3)/2-1$	-43337241	G	$-9^8-(7*(65+4*3))^2+1$
-43281103	P	$-(9^8+7)-6*5^4(4+3)/2^1$	-43337537	G	$-9^8+(-76+5)^4(3^2)^*1$
-43281104	P	$-(9^8+7)-6*5^4(4+3)/2-1$	-43337608	G	$-9^8+(-76+5)^4(3^2)^*1$
-43281137	P	$-9^8+7*((-65+4)^3)^2+1$	-43341556	G	$-9^8+7+6-543^2+1$
-43282009	P	$-(9^8+(7^6-5)^4(4-3)^2)^*1$	-43341612	P	$-(9^8+7*6)-543^2(2^*1)$
-43282010	P	$-(9^8+(7^6-5)^4(4-3)^2)-1$	-43341633	G	$-9^8+(-7-65)^4(3+2+1)$
-43282019	G	$-9^8+7^6/(5-(4+3/2))^*1$	-43341647	P	$-(9^8+76)-543^2-1$
-43282022	G	$-9^8-(7^6+(5-4)^3)^2-1$	-43341705	G	$-9^8+(-7-65)^4(3^2)^*1$
-43282918	P	$-(9^8+(7*(65+4)+3)^2)-1$	-43344475	G	$-9^8+(7-(6+54))^3(2^*1)$
-43283478	G	$-9^8-(7^6+(5+4)^3)^2-1$	-43344858	P	$-9^8-7*((-6-5)^4)^3/2-1$
-43284289	P	$-(9^8+(-7+65)^4(3^2)^*1$	-43344866	G	$-9^8+7*((-6-5)^4)^3/2-1$
-43284297	G	$-9^8-76*(5^4(4+3-2)+1)$	-43346090	G	$-9^8-7*(6^5*(4+3/2)-1)$
-43287994	G	$-9^8+(-7-6^5)^4(3/2-1)$	-43346657	P	$-9^8+7*((-65-4)^3)^2+1$
-43291650	G	$-9^8-7654*32-1$	-43347481	P	$-(9^8+(7+6+54)^3-2)+1$
-43292778	G	$-9^8-7*((6^5-4)^3)^2-1$	-43347483	P	$-(9^8+(7+6+54)^3-2)-1$
-43293569	P	$-9^8+76*(-(54+3)^2+1)$	-43350797	G	$-9^8-76*((5^4)^3/2+1)$
-43295330	G	$-9^8+(-7+6^5)^4-4^3/2-1$	-43352481	P	$-9^8+7*(-(6+5^4-43)^2+1)$
-43295417	P	$-(9^8-7+(6^5-4)^3)^2+1$	-43354161	G	$-9^8-7*((6+5)^4)^3- (2+1)$
-43295431	P	$-9^8-7+(-6^5+4)^3)^2+1$	-43355422	P	$-9^8+7*(-(6^5*(4+3))^2-1$
-43295457	P	$-(9^8-(7-6^5-4)^3)^2+1$	-43355428	P	$-9^8+7*((6^5*(4-3))^2-1)$
-43295546	G	$-9^8+7-6^5*4^3/2^1$	-43357481	G	$-9^8+(-7+6^5)^4(-43+2+1)$
-43295547	G	$-9^8+7-6^5*4^3/2-1$	-43357636	P	$-9^8-76*(-5-4^3(3^2)^*1$
-43295553	P	$-(9^8+(7+6-5+4)^3(3+2))^*1$	-43357637	P	$-9^8-76*(-5-4^3(3^2)^*1$
-43295560	P	$-(9^8+7)-6^5*4^3/2^1$	-43357691	G	$-9^8+(-7+6^5*4)^3(-3^2-1)$
-43295561	P	$-(9^8+7)-6^5*4^3/2-1$	-43357768	P	$-(9^8+7)-6^5*(43-2-1)$
-43295609	G	$-9^8+(-7-6^5*4)^3(3^2-1)$	-43358396	G	$-9^8-76*(5+4^3(3^2)^*1$
-43295687	G	$-9^8-7-(6^5+4)^3)^2+1$	-43358397	P	$-(9^8)-76*(5+4^3(3+2+1))$
-43295778	G	$-9^8+(-7-6^5)^4(3/2-1$	-43361496	G	$-9^8-(-76+54^3)^2+1$
-43295904	P	$-(9^8+(7+(6^5+4))^3)^2+1$	-43361574	G	$-9^8+76-54^3*2-1$
-43300738	P	$-(9^8+((7+65)^4(4+3))^2)-1$	-43361623	P	$-(9^8-(7+(6-54^3))^2)^*1$
-43303098	G	$-9^8+(-7+6^5)^4(-4^3/2-1)$	-43361635	G	$-9^8+7+6-54^3*2+1$
-43303336	P	$-(9^8+7)-6^5*(4^3/2+1)$	-43361642	G	$-9^8+7-6^5(5+4)/32^1$
-43306721	G	$-9^8-(7+6)/(5^4-4/32)^*1$	-43361643	P	$-(9^8+7)+(6-54^3)^2+1$
-43308860	G	$9^8/(-7+6)+5-4^3(3^2)^*1$	-43361647	P	$-(9^8-(7-6-54^3)^2)^*1$
-43308872	G	$(9^8+7)/(-6+5)-4^3(3^2)^*1$	-43361648	P	$-(9^8-(7-6-54^3)^2)-1$
-43308942	P	$-9^8-7*(6+5)-4^3(-3^2)^*1$	-43361655	P	$-9^8+7-(-6-54^3)^2+1$
-43311201	P	$-(9^8)-76*((5-4^3)^2)-1$	-43361667	P	$-(9^8+7)-(6+54^3)^2+1$
-43312948	G	$-9^8+(-7-6)^4(5^4(3^2)-1)$	-43361800	G	$-9^8+(-76-54^3)^2+1$
-43313033	P	$-(9^8+7)-65*(4^3(3^2)^*1$	-43362036	G	$-9^8-7*(-6-5)^4(-4^3(3^2)^*1$
-43314846	G	$-9^8-(7+6)/(5^4-4/(32+1))$	-43362106	G	$-9^8-7*((-6-5)^4)^3(3^2)-1$
-43315955	P	$-(9^8-7^6)-(5^4-3)^2+1$	-43362113	P	$-(9^8-7*(-6-5)^4(3^2)^*1$
-43318734	P	$-9^8-7*((-6^5+4)^3)- (3+2)-1$	-43364818	G	$-9^8-((7^6+5)^4)^3)^2-1$
-43318742	P	$-9^8-7*(-6^5+4)^3)- (3+2)-1$	-43370338	P	$-9^8-7*(6-(-5^4)^3)^2+1$
-43318862	G	$-9^8+(-7^6*5^4)^3(3+2)-1$	-43373138	G	$-9^8-7*((6^5+4)^3)^2-1$
-43318882	G	$-9^8-7*6^5*(4+3-2)-1$	-43373300	G	$-9^8-7*(6^5(5-(-4+3))-2)-1$
-43318902	P	$-9^8+(7^6*5^4)^3)- (3+2)-1$	-43373310	G	$-9^8-7*6^5(5+4-3)+2+1$
-43319014	G	$-9^8-7*((6^5+4)^3)^2-1$	-43373312	G	$-9^8-7*6^5(5+4-3)+2-1$
-43319022	G	$-9^8-7*(6^5+4)^3)^2-1$	-43373314	G	$-9^8-7*6^5(5+4-3)-2+1$
-43319126	G	$-9^8+(-7-6^5)^4(4+3-2)-1$	-43373316	G	$-9^8-7*6^5(5+4-3)-2-1$
-43320397	G	$-9^8-76*((5^4)^3)^2+1$	-43373328	P	$-9^8-7*(-6^5(5-(-4+3))-2)-1$
-43321346	G	$-9^8+((-7-6)^5)^4(4-(3-2))^*1$	-43373474	G	$-9^8-7*((-6^5-4)^3)^2-1$
-43321828	G	$-9^8+7*((-6^5-4)^3)^2+1$	-43373607	P	$-9^8+(-7-6^5)^4(-43+2+1)$
-43321835	G	$-9^8+7*((-6^5-4)^3)^2+1$	-43374325	G	$-9^8+76-5^4(3^2)-1$
-43321864	P	$-9^8+7*((6^5+4)^3)^2-1$	-43374477	P	$-(9^8+76)-5^4(3^2)-1$
-43322347	G	$-9^8-(7*(-6-(5+4^3)))^2-1$	-43375221	G	$-9^8+7-(65+4)^3+2^1$
-43323457	P	$-(9^8-7^6)-(5^4+3)^2-1$	-43375229	P	$-(9^8+((7+6)^5+4)^3)^2-1$
-43324072	P	$-(9^8+7)-6*((5^4)^3)^2-1$	-43375231	P	$-(9^8+((7+6)^5+4)^3)^2-1$
-43326552	P	$-(9^8+(7-6^5)^4(3^2)^*1$	-43377202	G	$-9^8-765*432-1$
-43326554	P	$-(9^8+(7-6^5)^4(3^2)^*1$	-43378497	G	$-9^8+(-76-5)^4(3^2)^*1$
-43326570	P	$-(9^8+(7-6^5)^4(3^2)^*1$	-43378578	G	$-9^8+(-76-5)^4(3^2)^*1$
-43326572	P	$-(9^8+(7-6^5)^4(3^2)^*1$	-43379396	G	$-9^8-7*((65/3)^2)^2+1$
-43326658	P	$-(9^8+(7-6+5)^4(4+3)^2)+1$	-43381081	P	$-(9^8-7+6^5*43)^2-1$
-43326660	P	$-(9^8+(7-6+5)^4(4+3)^2)-1$	-43381085	P	$-(9^8-7+6^5*43)^2-1$
-43326663	P	$-(9^8+7+6^5-(5-4^3))^2-1$	-43381390	G	$-9^8+(-7-6^5)^4(3^2)^*1$
-43326909	G	$-9^8+(-7-6^5)^4(3^2)^*1$	-43381391	P	$-(9^8+(7+6^5)^4)^3)^2-1$
-43327620	P	$-(9^8+(7+6-543)^2)+1$	-43381393	P	$-(9^8+(7+6^5)^4)^3)^2-1$

-43382630	G	$-9^8-7^*(6*((5^4)^3-2))-1$	-43468595	P	$-(9^8+(76-5+4)^3)+2-1$
-43382636	G	$-9^8-7^*-6*((-5^4)^3+2)+1$	-43468597	P	$-(9^8+(76-5+4)^3)-2+1$
-43382637	G	$-9^8-7^*-6*((-5^4)^3+2)^*1$	-43468599	P	$-(9^8+(76-5+4)^3)-2-1$
-43382700	G	$-9^8-7^*(6*(5^4)^3-(2+1))$	-43474145	G	$-9^8-76*(5^4/3^2-2-1)$
-43382708	G	$-9^8-7^*(6*(5^4)^3-2)-1$	-43474221	G	$-9^8-76*5^4*(3^2*1)$
-43382736	P	$-9^8-7^*-(6*(5^4)^3-2)-1$	-43478714	P	$-9^8+7+(6+54)^3*(2^*1)$
-43382742	G	$-9^8-7^*(6*(5^4)^3+2+1)$	-43481953	G	$-9^8-7^*(-6^5+4)*(-3^2+1)$
-43382798	G	$-9^8-7^*(-6*((-5^4)^3-2))-1$	-43482128	P	$-9^8-7^*(-(6^5*-4+3)^2-1)$
-43382804	G	$-9^8-7^*6*((5^4)^3+2)+1$	-43482136	P	$-9^8-7^*(-(6^5*-4+3)^2-1)$
-43382805	G	$-9^8-7^*6*((5^4)^3+2)^*1$	-43482145	G	$-9^8+(-7*6^5+4)*(3^2-1)$
-43387880	G	$-9^8+(-7-6)*((54^3)^2-1)$	-43482184	G	$-9^8-7^*(6^5/4^3+2+1)$
-43388601	P	$-9^8+7^*(-(6-5^4-43)^2+1)$	-43482212	G	$-9^8-7^*((6^5*4+3)^2-1)$
-43389173	G	$-9^8+(-7-6^5)^*(43+2-1)$	-43482220	G	$-9^8-7^*(6^5*4+3)^2-1$
-43396633	P	$-(9^8-7+6^5*(43+2))+1$	-43485694	P	$-(9^8+(7+65+4)^3-2)+1$
-43396649	P	$-(9^8+7+6^5*(43+2))-1$	-43485696	P	$-(9^8+(7+65+4)^3-2)-1$
-43399668	P	$(9^8-7+6/(5-4)/3)/(-2-1)$	-43495620	P	$-(9^8+(7*6+5^4+3)^2)+1$
-43401016	P	$-(9^8+7)-6*((5+4)^(3+2))-1$	-43495622	P	$-(9^8+(7*6+5^4+3)^2)-1$
-43408481	P	$-(9^8)-76*((5+4^3)^2)-1$	-43500676	P	$-9^8+7+(65-4)^3*(2^*1)$
-43410602	P	$-9^8+7^*(-(6*(-5+43))^2+1)$	-43504746	G	$-9^8-7^*65432-1$
-43410610	P	$-9^8+7^*(-(6*(5-43))^2-1)$	-43505928	G	$-9^8-7^*(65+4^3(2^*1))$
-43414137	G	$-9^8-7/(-6*5^4-3/(-2^*1))$	-43509057	P	$-9^8+7^*(-(65*-4+3)^2+1)$
-43416989	P	$-(9^8+(7+6)^5)+4^3(3+2)+1$	-43509064	P	$-9^8+7^*(-(65*-4+3)^2*1)$
-43417947	P	$-(9^8+(7+6)^5-4^3)+2+1$	-43510483	P	$-(9^8+(76*(5+4)-3)^2)-1$
-43417969	P	$-9^8+(7+6)^5+43+2^*1$	-43512641	G	$-9^8-7^*65*(4+3+2)^*1$
-43417978	P	$-(9^8+(7+6)^5)+4+32^*1$	-43515226	P	$-9^8+7+(6+5)^4*(32^*1)$
-43418007	P	$(9^8+((7+6)^5-4-3))^*(2-1)$	-43515457	P	$-(9^8+(7+(6+5)^4)^3)^*1$
-43418034	P	$-(9^8+(7+6)^5)-4*(3+2)^*1$	-43515464	G	$-9^8+7-6^5*(4+3)/(2-1)$
-43418081	P	$-9^8+(7+6)^5+4^3+2-1$	-43515489	P	$-(9^8+7)-6*(5^4(4+3)+2)+1$
-43418445	P	$-(9^8+(7+6)^5+432)+1$	-43523377	G	$-9^8+(7-(6+5+4)^3)^*(2^*1)$
-43418447	P	$-(9^8+(7+6)^5+432)-1$	-43528400	G	$-9^8+(-7+6^5)^*(-4^3+2)-1$
-43419037	P	$-(9^8+(7+6)^5)-4^3(3+2)+1$	-43528841	P	$-(9^8+7)-6^5*(4^3-2)-1$
-43419968	P	$-9^8+((7+(6+5))^4)^3-2-1$	-43529267	P	$-9^8+(-7-6^5)^*(-(4^3+2)^*1)$
-43419970	G	$-9^8+((-7-6-5)^4)^3-2+1$	-43529268	P	$-9^8+(-7-6^5)^*(-(4^3+2)-1)$
-43419976	P	$-9^8-7+6^5*((4+3)^2-1)$	-43530897	P	$-9^8+7^*(-(65*4+3)^2+1)$
-43420305	G	$-9^8-(7+6^5)*((4+3)^2-1)$	-43530903	G	$-9^8-7^*(65*4+3)^2+1$
-43427403	G	$-9^8+(7-6^5)*4^3+2-1$	-43530905	G	$-9^8-7^*(65*4+3)^2-1$
-43427730	P	$-9^8-7^*(-(6^5*(-4-3)+2)+1)$	-43532531	P	$-(9^8)-((7-(6+5)^4)^3)^2-1$
-43427745	P	$(9^8+7*6^5*(4+3))/(-2-1)$	-43536357	G	$-9^8-7^*(-(6^5+4)/-3^2-2^*1)$
-43427758	G	$-9^8-7^*(-(6^5*(-4-3)+2)+1)$	-43536358	G	$-9^8-7^*(-(6^5+4)/-3^2-2-1)$
-43427759	G	$-9^8-7^*(-(6^5*(-4-3)+2)^*1)$	-43536610	G	$-9^8-7^*6^5*(4+3+2)-1$
-43433564	G	$-9^8-(-7*6+(5^4-3)^2)-1$	-43536862	G	$-9^8-7^*(6^5+4)/3^2-2-1$
-43433648	G	$-9^8-7^*6-(5^4-3)^2-1$	-43543937	G	$-9^8+(-7+6^5)^*(-4^3*(2-1))$
-43433682	P	$-(9^8+76+((5^4-3)^2))-1$	-43546815	G	$-9^8-(7/6^5)^3+2^*1$
-43433793	P	$9^8+7^*(-(6^5/43^2-2)+1)$	-43551253	P	$-(9^8+7^6)-(5^4-3)^2+1$
-43433800	P	$-9^8-7^*(-(6-54)^3/2+1)$	-43552243	P	$-(9^8)-((7+(6+5)^4)^3)^2-1$
-43435011	G	$-9^8-7^*6^5*43^2+1$	-43558755	P	$-(9^8+7^6)-(5^4+3)^2-1$
-43435018	G	$-9^8-7^*(6^5*43^2+1)$	-43559149	P	$-9^8-7^*((6+5)^4*(3-2)-1)$
-43435171	P	$-9^8-(7-6^5)^*(-(4+3)^2-1)$	-43559476	P	$-9^8+(-7+6^5)^*(-(4^3+2)-1)$
-43435738	P	$(9^8-(-7*(6+5)+4)^3)^*(2-1)$	-43559905	G	$-9^8-7^*(6^5+4^3)^2-1$
-43435841	G	$-9^8-76*(5^4*(3+2)^*1)$	-43559945	P	$-(9^8+7)-6^5*(4^3+2)-1$
-43436066	P	$-9^8+(-(-7+6^5)^4)^3/2-1$	-43560399	G	$-9^8+(-7-6^5)^*(4^3+2)^*1$
-43436097	P	$-(9^8+((7+6)^*(5+43))^2)^*1$	-43560400	G	$-9^8+(-7+6^5)^*(4^3+2)-1$
-43437333	G	$-9^8+7+6-5^4(4+3+2-1)$	-43571600	P	$-9^8+(7+6+5)^4*(3+2)+1$
-43437345	G	$-9^8+7+6-5^4(4+3+2-1)$	-43578086	P	$-9^8+76-(5+4)^3*(2^*1)$
-43439974	P	$-(9^8+7)-6*(5+4^3(2^*1))$	-43578160	P	$-(9^8+(7*(6+5)+4)^3)+2^*1$
-43441064	G	$-9^8-(-7^6+5^4(3+2))-1$	-43588416	P	$-(9^8+(7+(6/54)^3)^2)+1$
-43441148	P	$-(9^8+7^6+(5^4+3)^2)-1$	-43591034	G	$-9^8-7^*(-(6^5*(-4^3+2))-1)$
-43448683	P	$-(9^8+7+(6+5^4+3)^2)+1$	-43591041	G	$-9^8-7^*6^5*(4+3)^2+1$
-43448685	P	$-(9^8+7+(6+5^4+3)^2)-1$	-43591081	G	$-9^8+(7^6+5+4)^*(-3^2-2-1)$
-43458490	P	$-9^8+(-7^6-(-6+5+4)^3)/2+1$	-43591321	G	$-9^8-7^*(6^5+4)^*(3^2+1)$
-43458493	P	$-9^8-(7^6-(-6+5+4)^3)/2+1$	-43593541	P	$-9^8-7^*(-(6-5^4(4+3)+2))-1$
-43459554	G	$-9^8-76*5432-1$	-43593553	P	$-9^8-7^*(-(6-5^4(4+3)+2)-1)$
-43460022	P	$-9^8+7^*(6+(-5-4)^3*(-3^2+1))$	-43593557	G	$-9^8-(-7*(6-5^4(4+3)+2))-1$
-43460023	G	$-9^8+7^*(6+(-5-4)^3(3+2))-1$	-43593569	P	$-9^8-7^*(-(6-5^4(4+3)+2))-1$
-43460029	G	$-9^8+7^*(6+(-5-4)^3(3+2))-1$	-43593625	P	$-9^8-7^*(-(6+5^4(4+3)+2))-1$
-43460057	P	$-9^8-7^*((6/54)^3(-3+2))-1$	-43593637	G	$-9^8-7^*(6+5^4(4+3)+2)-1$
-43460064	P	$-9^8-7^*(6/54)^3(-3+2)^*1$	-43593641	G	$-9^8-7^*(6+5^4(4+3)+2)-1$
-43466619	G	$-9^8-(-7+6^5-5^4*3)^2-1$	-43593653	G	$-9^8-7^*(6+5^4(4+3)+2)-1$
-43466633	G	$-9^8-7-(6^5-5^4*3)^2-1$	-43593659	P	$-9^8-7^*(6-(-5^4(4+3)+2)-1))$
-43468593	P	$-(9^8+(76-5+4)^3)+2+1$	-43596970	G	$-9^8-7^*((6^5+4)^3+2-1)$

-43596977	P	$-(9^8+7*(6*5+4)^3*2)^*1$	-43766728	P	$-(9^8+7)+(6*5)^4*(3^2-2-1)$
-43597804	P	$-9^8-7*(-6-54^3/2)-1$	-43768001	P	$-9^8+7*(-(6*-54+3)^2+1)$
-43597831	G	$-9^8-7*((-6+54^3)/2+1)$	-43768008	P	$-9^8+7*(-(6*-54+3)^2*1)$
-43597844	G	$-9^8-7*(6*(5+4))^3/2+1$	-43788041	G	$-9^8-(7*(6*5*4+3))^2+1$
-43597852	G	$-9^8-7*((6*(5+4))^3/2+1)$	-43789178	G	$-9^8-((7+6)^5-4^3)^2+1$
-43597873	P	$-9^8-7*(-(-6-54^3)/2+1)$	-43789220	P	$-(9^8-((7+6)^5+43)^2)+1$
-43597887	G	$-9^8-7*(6+54^3/2)^*1$	-43789434	G	$-9^8-((7+6)^5+4^3)^2+1$
-43597888	G	$-9^8-7*(6+54^3/2)-1$	-43795217	P	$-9^8+7*(-(6*5+4)^2+1)$
-43606580	P	$-9^8-(-7+6^-(5-4*3))^2-1$	-43795223	G	$-9^8-7*(6*5+4)^2+1$
-43606587	P	$-(9^8-7)-6^-(5-4*3)^2-1$	-43795225	G	$-9^8-7*(6*5+4)^2-1$
-43606601	P	$-9^8-7-6^-(5-4*3)^2-1$	-43802721	P	$-(9^8+7*(6+54)^3/2)^*1$
-43606608	P	$-9^8+(-7-6^-(5-4*3))^2-1$	-43802728	G	$-9^8-7*((6+54)^3/2+1)$
-43627322	P	$-9^8+7*(-(6*(-5-43))^2+1)$	-43808762	G	$-9^8-7*(-6^5*(-4-3))^2-1$
-43627330	P	$-9^8+7*(6*(5+43))^2-1$	-43808768	G	$-9^8-7*6^5*(4*3+2)+1$
-43632566	P	$-9^8+7^6*(5-(4+3)^2)-1$	-43812347	G	$-9^8-(7*(-6+5-4)^3)^2-1$
-43633476	P	$-9^8+(765+4-3)^2+1$	-43814345	P	$-(9^8)-(7+6)*((5+4)^3(3+2)-1)$
-43633478	P	$-(9^8+(765+4-3)^2)-1$	-43820852	P	$-9^8-7*(-(6-54)^3+2)-1$
-43637368	P	$-9^8+7^6*(5+(4+3)^2)-1$	-43820880	P	$-9^8-7*(-(6-54)^3+2)-1$
-43639236	P	$-(9*(8-7-(6+(5+4)^3)))^2*1$	-43824399	P	$-(9^8-7*(6+5)^4)^3+2+1$
-43642994	G	$-9^8+7*(((-6-5)^4)^3+2)+1$	-43824401	P	$-(9^8-7*(6+5)^4)^3+2+1$
-43643016	G	$-9^8+7*(((-6-5)^4)^3-2)+1$	-43824756	P	$-(9^8+(7*(6+5)-4)^3)^2-1$
-43643022	P	$-9^8+7*(-(((-6-5)^4)^3+2)+1)$	-43825409	P	$(9^8-((7-6^5)^4)^3)^2-1$
-43644249	P	$-(9^8+(7-65^4)^3)^2+1$	-43825412	P	$-(9^8-((7-6^5)^4)^3+2)-1$
-43644251	P	$-9^8+7*(7-65^4)^3-2+1$	-43829316	G	$-9^8-765*(4^3(3+2)-1)$
-43645798	P	$-(9^8+((7+(6+5))^4)^3)^2-1$	-43830081	G	$-9^8-765*(4^3(3+2)^*1)$
-43647633	G	$-9^8+(-7-6)^*(5*4^3)^2-1$	-43837641	P	$-(9-87-6543)^2*1$
-43654568	G	$-9^8-76*(5*4)^3-2+1$	-43850884	P	$-(9^8+7+6543)^2*1$
-43654569	G	$-9^8-76*(5*4)^3-2+1$	-43856704	P	$-(9^8-(7-(6*5)^4+3^2))^2+1$
-43654718	P	$-(9^8+76*(5*4)^3-2)+1$	-43856705	P	$-(9^8-(7-(6*5)^4+3^2))^2*1$
-43654872	P	$-9^8-76*(-(5*4)^3-2)+1$	-43856708	G	$-9^8+7-((6*5)^4-(3*2^*1))$
-43654873	P	$-9^8-76*(-(5*4)^3-2)^*1$	-43856709	G	$-9^8+7-((6*5)^4-(3*2-1))$
-43655120	P	$-9^8+7*((-7-6)^5*4^3)^2+1$	-43856713	G	$-9^8+7-(6*5)^4+3-(2*1)$
-43655128	P	$-(9^8+7+(65^4)^3)^2*1$	-43856715	G	$-9^8+7-((6*5)^4+3)+2*1$
-43660843	P	$-(9^8+(76+5+4)^3-2)+1$	-43856719	P	$-(9^8+7+(6*5)^4-3^2)^*1$
-43660845	P	$-(9^8+(76+5+4)^3-2)-1$	-43856720	P	$-(9^8+7+(6*5)^4-3^2)-1$
-43661113	G	$-9^8+7-6*(5*4^3)^2+1$	-43856725	P	$-(9^8+7)+(-(6*5)^4+3)^2*(2-1)$
-43661127	P	$-(9^8+7)-6*(5/4^3)^2+1$	-43862130	G	$-9^8-(7*(65+4^3))^2*1$
-43661134	P	$-(9^8+7)-6*(5*4^3)^2+1$	-43862131	G	$-9^8-(7*(65+4^3))^2-1$
-43661636	G	$-9^8-7*((6+5)^4*3^2-1)$	-43865462	P	$-9^8+7*(-(6*(-54-3))^2+1)$
-43661643	G	$-9^8-7*(6+5)^4*3+2+1$	-43865470	P	$-9^8+7*(-(6*(5+3))^2-1)$
-43676714	G	$-9^8-7*((6*5)^4*3^2-1)$	-43870233	P	$-(9^8+7^6(6+5-4))+32-1$
-43694745	P	$-(9^8+(76+(5+4)^3)^2)+1$	-43870273	P	$-(9^8+7^6(6+5-4)+3^2)^*1$
-43694747	P	$-(9^8+(76+(5+4)^3)^2)-1$	-43878466	G	$-9^8-(76*(5+4+3))^2-1$
-43699884	G	$-9^8-7*(6^5*4^3-2+1)$	-43886721	G	$-9^8-7*6/(5^4/(32^*1))$
-43699926	G	$-9^8-7*(6^5*4^3+2+1)$	-43888016	G	$-9^8-7*65*(43^2*1)$
-43702166	P	$-9^8+7*(-(6*(-54+3))^2+1)$	-43888023	G	$-9^8-7*(65/43^2-2+1)$
-43702174	P	$-9^8+7*(-(6*(54-3))^2-1)$	-43898754	P	$-(9^8)-(7+6)^*(5+4^3(3^2-1))$
-43702971	G	$-9^8-7*6*(5^4(4^3/2)^*1)$	-43906881	G	$-9^8-7*(6*5^4(3^2)^*1)$
-43702978	G	$-9^8-7*(6*5^4(4^3/2)+1)$	-43906888	G	$-9^8-7*(6*5^4(3^2)+1)$
-43703732	P	$-9^8+7+(65+4)^3*(2^*1)$	-43910713	G	$-9^8+7-(6*5^4)^3/2+1$
-43714854	G	$-9^8+(-7+6^5)^*-43^2+1$	-43910727	G	$-9^8-7-(6*5^4)^3/2+1$
-43715442	G	$-9^8-(-7+6^5*43)^2+1$	-43923940	P	$-9^8+7*(-(6*(5-4^3))^2-1)$
-43715449	G	$-9^8+7-6^5*43^2+1$	-43946728	P	$-(9^8+7)+(6*5)^4*(-3^2-2-1)$
-43715450	P	$-9^8+7-6^5*(-43^2*1)$	-43953921	G	$-9^8-7*(6*5^4*3)^2*1$
-43715470	G	$-9^8+(-7-6^5*43)^2+1$	-43953928	G	$-9^8-7*(6*5^4*3)^2+1$
-43716058	G	$-9^8+(-7-6^5)^*43^2+1$	-43969104	G	$-9^8-7*(6+5)^4*3^2(2^*1)$
-43717481	G	$-9^8-(7*(6*-5^4+3))^2+1$	-43977945	P	$-(9^8+(7-6^5*4^3)^2)+1$
-43718721	G	$-9^8-7*6*(5*4)^3*2*1$	-43977947	P	$-(9^8+(7-6^5*4^3)^2)-1$
-43749341	G	$-9^8-76*5*(43^2*1)$	-43979878	P	$-(9^8+7*(6*5*(5^4+3))^2)-1$
-43749417	G	$-9^8-76*(5/43^2-2+1)$	-43983801	P	$-9^8+(-7+6^5)^4+3/2-1$
-43750214	P	$-9^8+7^6*(-(5-(4+3)^2)-1)$	-43983804	G	$-9^8-((7+6^5)^4+3)/2-1$
-43754330	G	$-9^8-7*(6^5*(4+3^2)-1)$	-43984214	P	$-9^8+7-6*(-5^4(4+3)^2*1)$
-43754336	G	$-9^8-7*6^5*(4+3^2)+1$	-43984228	P	$-(9^8+7)-6*(5^4(4+3)^2*1)$
-43754337	G	$-9^8-7*6^5*(4+3^2)^*1$	-43984234	P	$-(9^8+7)-6*(5^4(4+3)^2+1)$
-43755016	P	$-9^8+7^6*(-(5+(4+3)^2)-1)$	-43984368	P	$-9^8+7+(6*5)^4*(32-1)$
-43755471	G	$-9^8-7*(6*5)^4/(3^2-1)$	-43987873	G	$-9^8-(7^6-5)/(4/32)^*1$
-43763472	G	$-9^8-7*(-6+(5^4)^3)^2-1$	-43987953	G	$-9^8-(7^6+5)/(4/32)^*1$
-43763480	G	$-9^8-7*(-6+(5^4)^3)^2-1$	-43991495	G	$-9^8+7-6*5^4/3+2+1$
-43763556	P	$-9^8-7*(-(-6-(5*4^3)^2)-1)$	-43991505	P	$-(9^8+(7+6+5)^4*3^2)^*1$
-43763562	G	$-9^8-7*(6+(5/4^3)^2)+1$	-43991510	P	$-(9^8+7)-6*5^4/3+2*1$

-43991514	P	$-(9^8+7+6/54^{-3+2}) * 1$	-44246500	P	$-9^8+7 * (- (6 * (5+4^3))) ^2-1$
-43991525	P	$-(9^8+7) -6 * (54^3+2) -1$	-44261714	P	$-9^8+7+(6^5)^4 * -(3/2 * 1)$
-43991728	G	$-9^8-7 * ((6^5)^4 / (3^2)+1)$	-44261715	G	$-9^8+7+(6^5)^4 * -3/2-1$
-44034280	P	$-(9^8+7) -6^5 * (4^3 * 2-1)$	-44261729	G	$-9^8-(7+(6^5)^4 * 3/2) -1$
-44035162	G	$-9^8+(-7-6^5) * (4^3 * 2-1)$	-44262645	G	$-9^8-76 * ((5^4)^3 * 2-1)$
-44040074	P	$-(9-(-8^7+6) * (5^4+3-2))+1$	-44262721	G	$-9^8+76 * (5^4)^3 * 2 * 1$
-44040326	G	$-9-(8^7+6) * (5^4+3-2)+1$	-44301120	P	$-(9^8+(7/(6^5+4^3))) ^2-1$
-44040500	G	$-98-7^6 * (5+4^3)^2+1$	-44319104	G	$-9^8-((76^5+5+4)^3)^2+1$
-44041152	G	$-9^8+(-7+6^5) * -4^3 * 2+1$	-44332676	G	$-9^8-(7^6 * (-5-4)^3)^2+1$
-44041824	G	$-9^8-(-7+6^5 * 4) * 32+1$	-44332677	G	$-9^8-(7^6 * (-5-4)^3)^2 * 1$
-44042041	G	$-9^8+7-6^5 * 4^3 * 2+1$	-44347501	G	$-9^8 * 76^5 * 4^3 * 2-1$
-44042042	G	$-9^8+7-6^5 * 4^3 * 2 * 1$	-44353082	G	$-9^8-7 * (6^5 * 4^3 * 2-1)$
-44042056	P	$-(9^8+7) -6^5 * (4^3 * 2 * 1)$	-44353089	G	$-9^8-7 * (6^5 * 4^3 * 2 * 1)$
-44042272	G	$-9^8+(-7-6^5 * 4) * 32+1$	-44357365	G	$-9^8+76-5^4 * (3^2 * 1)$
-44042944	G	$-9^8+(-7-6^5) * 4^3 * 2+1$	-44357399	P	$-(9^8-7^6) -5^4 * (3^2 * 1)$
-44048922	G	$-9^8+(-7+6^5) * (-4^3 * 2-1)$	-44357440	G	$-9^8+7-6-5^4 * (3^2 * 1)$
-44062320	G	$-9^8+(-7-6) * (5^4(4+3) - (2^*1))$	-44357483	P	$-(9^8+7^6) -5^4 * (3^2 * 1)$
-44062333	G	$-9^8+(-7-6) * (5^4(4+3) - (2-1))$	-44357517	P	$-(9^8+76) -5^4 * (3^2 * 1)$
-44062348	P	$-(9^8+(7+6) * 5^4(4+3)+2) * 1$	-44373824	G	$-9^8-((76^5+4)^3)^2+1$
-44062349	P	$-(9^8+(7+6) * 5^4(4+3)+2) -1$	-44377922	G	$-9^8+(-7-6) * (5^4 * 3)^2-1$
-44062385	G	$-9^8+(-7-6) * (5^4(4+3)+2+1)$	-44377934	G	$-9^8+(-7-6) * ((5^4 * 3)^2+1)$
-44062784	P	$-(9^8+(7 * (-6+54)^3)^2)+1$	-44400649	G	$-9-8^7 * ((6+5)^4 * (4^3-3+2) -1)$
-44070250	G	$-9^8+(-7-6) * (54^3/2+1)$	-44429696	G	$-9^8-(7^6(6+54^3))^2+1$
-44076320	P	$-(9+87+6543)^2+1$	-44461207	G	$-9^8-765^4 * 3^2-1$
-44076322	P	$-(9+87+6543)^2-1$	-44461971	G	$-9^8+765 * (-43^2-1)$
-44087122	G	$-9^8-(765^4/3)^2-1$	-44495889	P	$-9^8+7 * (- (65 * (-4-3))) ^2+1$
-44099936	G	$-9^8-(7^6-5^4)/3^2-2+1$	-44495897	P	$-9^8+7 * (- (65 * (4+3))) ^2-1$
-44099938	G	$-9^8-(7^6-5^4)/3^2-2-1$	-44531862	P	$-(9^8+(7+6)^5 * 4^3+32-1)$
-44105481	G	$-9^8-(7^6-5-4)/(3^2 * 1)$	-44531897	G	$-9^8-(7+6)^5 * 4^3-2+1$
-44105553	G	$-9^8-(7^6-5+4)/(3^2 * 1)$	-44531899	G	$-9^8-(7+6)^5 * 4^3-2-1$
-44105562	G	$-9^8-7^6 * (5-4)^3 * 2 * 1$	-44558708	P	$-9^8+7 * (- (6+54)^3+2) -1$
-44105563	G	$-9^8-7^6 * (5-4)^3 * 2-1$	-44558736	P	$-9^8+7 * (- ((6+54)^3+2) -1)$
-44111186	G	$-9^8-(-7^6-5^4)/-3^2-2+1$	-44564488	G	$-9-8^7 * (65/4+3+2)+1$
-44111188	G	$-9^8-(-7^6-5^4)/-3^2-2-1$	-44566721	G	$-9^8-76^5 * 4^3 * (32^*1)$
-44135368	G	$-9^8-7 * (6^5 * 4^3(3+2)+1)$	-44570810	G	$-9^8-7 * (-6^5 * (4-32) -1)$
-44140386	G	$-9^8-7 * (-6+5^4(4+3))^2+1$	-44595008	G	$-9^8+7/((6-54)^{-3} * 2+1)$
-44140394	G	$-9^8-7 * ((-6+5^4(4+3))^2+1)$	-44595009	P	$-9^8-7 * (- (6-54)^3 * 2 * 1)$
-44140430	P	$-9^8-7 * (-6-5^4(4+3)^2) -1$	-44595016	P	$-9^8-7 * (- (6-54)^3 * 2+1)$
-44140436	P	$-9^8-7 * (- (6-5^4(4+3)^2)+1)$	-44602569	G	$-9^8+(7^6)^5(5-4+3)/-2^*1$
-44140513	G	$-9^8-7 * (6+5^4(4+3)^2) * 1$	-44602570	G	$-9^8+(7^6)^5(5-4+3)/-2-1$
-44140514	G	$-9^8-7 * (6+5^4(4+3)^2) -1$	-44603125	G	$-9^8-76 * (5/4^3 * 2) -1$
-44140520	G	$-9^8-7 * (6+5^4(4+3)^2+1)$	-44603201	G	$-9^8-76^5 * 4^3 * (3^2 * 2) * 1$
-44140554	P	$-9^8-7 * (- (6-5^4(4+3))^2+1)$	-44612817	P	$-9^8+7 * (- ((-6-5)^4 * 3)^2+1)$
-44140562	P	$-9^8-7 * (- (6-5^4(4+3))^2+1)$	-44614221	G	$-9^8-76^5 * 4^3 * (32+1)$
-44148914	P	$-9^8-7 * (- (6-54^3+2) -1)$	-44619608	P	$-(9^8)+7-6^5 * (5+4^3 * (3^2 * 1))$
-44148942	P	$-9^8-7 * (- (6-54^3+2) -1)$	-44619622	P	$-(9^8+7) -6^5 * (5+4^3 * (3^2 * 1))$
-44148956	G	$-9^8+7 * ((-6^5(5+4))^3+2) -1$	-44634320	G	$-9^8-(7^6 * (-6-54)^3)^2+1$
-44148969	P	$(9^8+7^6 * (6^5(5+4))^3)/- (2-1)$	-44635575	P	$-9^8-7 * (- (6-54)^3+2) -1$
-44148972	G	$-9^8+7 * (-6^5(5+4))^3-2-1$	-44635603	G	$-9^8-7 * ((65-4)^3+2) -1$
-44148984	P	$-9^8+7 * (- (6^5(5+4))^3+2) -1$	-44649800	G	$-9-87^6 * 5^4 * (4^3+2)+1$
-44148998	G	$-9^8-7 * (6-(-54^3+2)) -1$	-44666720	P	$-9^8+7 * ((6^5)^4+3) * -(2^*1)$
-44149026	G	$-9^8-7 * (6+54^3+2) -1$	-44667618	G	$-9^8+((-7-6^5)^4)^3/2-1$
-44158682	P	$-(9^8-7) -6^5 * ((4^3)^2-1)$	-44687353	G	$-9^8-7 * (6^5 * 4^3)/2+1$
-44159690	G	$-9^8+(-7-6^5) * ((4^3)^2-1)$	-44687681	P	$-(9^8+7 * (-65+4)^3)^2+1$
-44160600	P	$-9^8+(7+6)^5 * (- (4-3-2)) * 1$	-44692809	P	$-(9^8+(7-6^5 * 4^3)^2)+1$
-44160609	G	$-9^8-((7+6)^5+4)^3+2+1$	-44692811	P	$-(9^8+(7-6^5 * 4^3)^2) -1$
-44165458	P	$-9^8+(-7+6^5) * (- (4^3)^2-1)$	-44693800	P	$-9^8+(-7^6-(- (6+5)+4)^3)^2+1$
-44166472	P	$-9^8-7-6^5 * (- (4^3)^2 * 1)$	-44693807	G	$-9^8-7^6(6+(5-4)^3)^2 * 1$
-44167474	G	$-9^8+(-7-6^5) * (4^3)^2-1$	-44693808	G	$-9^8-7^6(6+(5-4)^3)^2 * 1$
-44173226	P	$-9^8+(-7+6^5) * (- (4^3)^2-1)$	-44710828	P	$-(9^8+7+(6^5 * 4^3)^2) * 1$
-44174085	G	$-9^8-7 * ((6+5)^4(4+3-2)+1)$	-44715984	P	$-(9^8+(76^5 * (-5^4+3))^2)+1$
-44180728	G	$-9^8-7 * ((6^5)^4 / (3+2)+1)$	-44718571	P	$-(9^8)-(((7-(6-5))^4-3)^2) -1$
-44189793	G	$-9^8-7/-6^5 * (-4^3(3+2) -1)$	-44734123	G	$-9^8-((7-(6-5))^4+3)^2-1$
-44195903	P	$-(98+7+6543)^2+1$	-44761471	G	$-9^8-(76^5/4)^3 * 2 * 1$
-44195905	P	$-(98+7+6543)^2-1$	-44774712	G	$-9^8+7-((6^5 * 4)^3- (2^*1))$
-44234221	G	$-9^8-76^5 * (4^3-2+1)$	-44774714	P	$-9^8+7+(6^5 * 4)^3 / - (2-1)$
-44234297	G	$-9^8-76^5 * (5^4(3/2)+1)$	-44774716	P	$-9^8+7-((6^5 * 4)^3+2 * 1)$
-44239184	G	$-9^8-(7^6 * (6-54^3))^2+1$	-44774728	P	$-(9^8+7) + (6^5 * 4)^3 * (2-1)$
-44239304	P	$-9^8-7 * (- (-6-5)^4)^3 * 2+1$	-44787642	P	$-9^8-7 * (- (6^5+4)^3 * 2-1)$
-44239792	G	$-9^8+7^6-5^4 * (3^2 * 1)$	-44787650	P	$-9^8-7 * (- (6^5+4)^3 * 2-1)$

-44788538	G	$-9^8-7*(6^5*4^3/2-1)$	-45251258	P	$-9^8-7*(-(-6-54^3*2)+1)$
-44788545	G	$-9^8-7*6^5*(4^3/2*1)$	-45251259	P	$-9^8-7*(-(-6-54^3*2)*1)$
-44789434	G	$-9^8-7*((6^5+4)*32-1)$	-45251300	G	$-9^8+7*(-6-54^3)*2+1$
-44789442	G	$-9^8-7*(6^5+4)*32-1$	-45251308	P	$-9^8-7*(-(-6-54^3)*2+1)$
-44815828	P	$-(9^8+7)-6*(543^2+1)$	-45278426	G	$-9^8-7*(6^5*(43-2)-1)$
-44818282	P	$-(9^8+(7^(6-5)+4)^(3*2))*1$	-45279441	P	$-(9+(-(-8-7)+6)*5^4*3)^(2*1)$
-44877329	G	$-9^8-((7*-65+4)*3)^(2+1)$	-45346271	P	$-9^8+7*(-(65+4)^3+2)-1$
-44881519	P	$-9^8-7*(-6^5+4^4-(-3^2*1))$	-45346299	P	$-9^8+7*(-(65+4)^3+2)-1$
-44881729	G	$-9^8-7^4(6-5)*4^(3^2*1)$	-45354372	P	$(98*7+6)*-(5+4^(3^2-1))$
-44881806	P	$-9^8-7*(6+5+4^4-(-3^2*1))$	-45359754	P	$-(9-8*(-7/(6^5)^(4+32)))-1$
-44882184	G	$-9^8-7*(65+4^4(3^2*1))$	-45359841	P	$-9-8*-7*(-(6^5)^4+3)*(2-1)$
-44910394	G	$-9^8-7*(65/4^4(3*-2)-1)$	-45360266	P	$-(9-8*(-7*(6^5)^4-32))-1$
-44910401	G	$-9^8-7*65/4^4(3*-2)*1$	-45368019	P	$-(9^8-7)-6/((5^4-3)^(2-1))-1$
-44918146	G	$-9^8-(76*54/3)^(2-1)$	-45368038	P	$-(9^8+7)-6*((-5^4+3)^(2+1))$
-44920886	P	$-(9^8+(7+6^5)^4+3+2)+1$	-45375398	G	$-9^8-(7*654/3)^(2-1)$
-44936282	P	$-9^8-7*6*(-54^3*2*1)$	-45387283	P	$-9^8-7*(-(-6^5*43+2)*1)$
-44936283	G	$-9^8+7-6*54^3*2-1$	-45387284	P	$-9^8-7*(-(-6^5*43+2)-1)$
-44936296	P	$-(9^8+7)-6*54^3*2*1$	-45387312	G	$-9^8-7*(6^5*43+2)-1$
-44936297	P	$-(9^8+7)-6*54^3*2-1$	-45413033	P	$-(9^8+7)+6*(-(5^4+3)^(2-1))$
-44936302	P	$-(9^8+7)-6*(54^3*2+1)$	-45413038	P	$-(9^8+7)-6*(5^4+3)^(2+1)$
-44936706	P	$-9^8-7*(-(6^5)^4/(-3+2)+1)$	-45435578	P	$-(9-(8-7*6)^5)-(4*3)^(2-1)$
-44936718	G	$-9^8-7*(6^5)^4/3+2+1$	-45439929	G	$-9^8-(7*(6+5*43))^(2+1)$
-44936722	G	$-9^8-(7*(6^5)^4/3+2)+1$	-45476698	P	$-(9^8+(-7+(6^5)^4)*3)+2*1$
-44936734	G	$-9^8-7*((6^5)^4/3+2)+1$	-45476726	G	$-9^8-7-(6^5)^4*3+2*1$
-44942849	G	$-9^8-((7*65+4)*3)^(2+1)$	-45496154	G	$-9^8-7*(6^5*(43+2)-1)$
-44969097	G	$-9^8-7*65^(4-3+2)-1$	-45522820	G	$-9^8+7(7-6-5^4)^(3+2*1)$
-44969103	G	$-9^8-7*(65^(4-(3-2)))+1$	-45526778	G	$-9^8-7*6*(5+4)^(3+2)+1$
-44988171	P	$-9^8-7*6*(-(5^4*3)^2*1)$	-45526786	G	$-9^8-7*(6*(5+4)^(3+2)+1)$
-44988178	G	$-9^8-7*(6/(5^4*3)^(2+1))$	-45526821	G	$-9^8-7*6*((5+4)^(3+2)+1)$
-44999834	G	$-9^8+7+6-5^(4+3+2)-1$	-45562458	P	$-(9-(-(-8+7)^6+5)^4-32)-1$
-44999848	P	$-(9^8+7)+6-5^(4+3+2)-1$	-45565290	P	$-(9^8+(7-6^5)^4*3^2)*1$
-44999860	P	$-(9^8+7+6)-5^(4+3+2)-1$	-45593936	G	$-9^8-(7*6*(-5+43))^(2+1)$
-44999889	G	$-9^8-7*6-5^(4+3+2)-1$	-45659457	G	$-9^8-7*6^5*((4+3)^(2-1))$
-44999921	P	$-(9^8+7+6+5^(4+3+2))+1$	-45702913	P	$-9^8+7*(-(6-5^4+3)^(2*1))$
-45006260	P	$-9^8-7*(-(-6^4-(5-4^3)+2)-1)$	-45702920	P	$-9^8+7*(-(6-5^4+3)^(2-1))$
-45006288	P	$-9^8-7*(6^4-(5-4^3)+2)-1$	-45703143	G	$-9-8+(-7-6)*(5^4*3)^(2-1)$
-45037521	P	$-(9+(-(-8-7)+6)*-5^4*3)^(2*1)$	-45713882	G	$-9^8-7*(6^5*(4+3)^(2-1))$
-45039169	G	$-9^8+(-7-6^5)*4^(3+2-1)$	-45713888	G	$-9^8-7*6^5*(4+3)^(2+1)$
-45041341	G	$-9^8-76*((54^3)^2+1)$	-45713889	P	$-9^8-(-7*6)^5/(-(-4+3)^(2*1))$
-45065311	G	$-9^8-7*((6-54^3)^(2+1))$	-45754868	G	$-9^8+7*(6*(5^4+3)^(2-1))$
-45071728	P	$-(9^8+7)+(6^5)^4*(-3/2-1)$	-45754874	G	$-9^8+7*(6-(5^4-3)^(2-1))$
-45077970	G	$-9^8+(-7-6)*5^4(4+3)*2+1$	-45754909	P	$-9^8+7*(-(6-(5^4+3)^(2*1))$
-45077984	P	$-9^8+(-7-6)*(5^4-(-4-3)*2+1)$	-45754916	P	$-9^8+7*(-(6-(5^4+3)^(2-1))$
-45093728	P	$-9^8+7(7+6)*(54^3-2)-1$	-45754952	P	$-9^8+7*(-(6+(5^4-3)^(2-1))$
-45093740	P	$-9^8+(-7-6)*(-(-54^3+2)+1)$	-45754958	P	$-9^8+7*(-(6+(5^4-3)^(2-1))$
-45093753	P	$(9^8+(7+6)*54^3)/(-2-1)$	-45807368	G	$-9^8+7*(6-(5^4+3)^(2-1))$
-45093792	G	$-9^8+(-7-6)*(54^3+2+1)$	-45807374	G	$-9^8+7*(6-(5^4+3)^(2-1))$
-45110622	P	$-(9^8-7*(6-54^3)^2)*1$	-45807408	G	$-9^8-7*(6+5^4+3)^(2+1)$
-45144961	P	$-(98*76-(5+4)^3)^(2*1)$	-45807410	G	$-9^8-7*(6+5^4+3)^(2-1)$
-45146321	G	$-9^8-(7*(-65-4)*3)^(2+1)$	-45807416	P	$-9^8+7*(-(6-(-5^4+3)^(2-1))$
-45156521	P	$-9^8+7*(-(6+54^3)^(2+1))$	-45807452	P	$-9^8+7*(-(6+(5^4+3)^(2-1))$
-45176781	G	$(9-8*7^6)*(5+4^3)+2+1$	-45807458	P	$-9^8+7*(-(6+(5^4+3)^(2-1))$
-45177191	G	$9-8*(7^6*(5+4^3)-2*1)$	-45812600	G	$-9+(8-((76-5)^4)^3)*2+1$
-45177226	P	$-(9+8/(7^6-6/(5+4^3)))^(2+1)$	-45845131	G	$-9^8+7(7-6^5)^4*(-3^2-1)$
-45187089	G	$-9^8-(7*(6-5^4*3)^(2+1))$	-45860420	P	$-9^8+7*(-(6+5^4+3)^(2-1))$
-45207622	G	$-9^8-(7*6^5*(4+3)^(2-1))$	-45968390	P	$-(9+((8-7*6^5*4)^3)^(2+1))$
-45212143	P	$-(9-8+7+6+5)^(4+3+2)+1$	-45986042	G	$-9^8-7*((6^4-5^4*3)^(2-1))$
-45212145	P	$-(9-8+7+6+5)^(4+3+2)-1$	-45986050	G	$-9^8-7*(6^4-5^4*3)^(2-1)$
-45212168	P	$-(9-8+7+6+5)^(4+3+2)-1$	-45987945	G	$-9^8-7^6*(5/(4-3))^(2+1)$
-45212207	P	$-(9-8+7+6+5)^(4+3+2)+1$	-45987946	G	$-9^8-7^6*(5/(4-3))^(2*1)$
-45212209	P	$-(9-8+7+6+5)^(4+3+2)-1$	-45995524	P	$-(987-6^5+4+3)^(2*1)$
-45225624	P	$-(987-6^5+4^3)^(2+1)$	-46003242	P	$-(9+8/((7*(6-5)^(4-3)^(2-1))$
-45225626	P	$-(987-6^5+4^3)^(2-1)$	-46009089	P	$-(9-8)*7*(6+54-3)^(2*1)$
-45243722	P	$-(9^8+(76+54)^3+2)+1$	-46013335	G	$-9^8-7*((654-3)^(2+1))$
-45243724	P	$-(9^8+(76+54)^3+2)-1$	-46015471	G	$-9^8-76^5*(4+3)/2*1$
-45251132	G	$-9^8-7*(-6+54^3)*2+1$	-46015547	P	$-9^8-76*(5^4(4+3)/2+1)$
-45251140	G	$-9^8-7*((-6+54^3)*2+1)$	-46017058	P	$-(9^8+((7+6)^5*4-3)*2)+1$
-45251174	G	$-9^8-7*(-6+54^3*2)+1$	-46017059	P	$-(9^8+((7+6)^5*4-3)*2)*1$
-45251217	G	$-9^8-7*6^4(5+4)/32*1$	-46017065	G	$-9^8-(7+6)^5*(4+3+2-1)$
-45251224	G	$-9^8-7*(6^4(5+4)/32+1)$	-46017071	P	$-(9^8+((7+6)^5*4+3)*2)*1$

-46017097	G	$-9^8 - ((7+6)^5 + 4) * (3^2 - 1)$	-46530355	P	$-(9^8 + 7 * (6^5 * 4^3 - 2)) * 1$
-46021823	G	$-9^8 + (-7 + 65^4) / (-3^2) + 1$	-46530383	G	$-9^8 - 7 * (6^5 * 4^3 + 2) * 1$
-46021824	G	$-9^8 - (-7 + 65^4) / 3 / (2^*1)$	-46559897	G	$-9^8 - 76 * ((5^43)^2 + 1)$
-46049796	P	$-(9^8 * 7 * (6^5 - 4) / 3)^2 * 1$	-46562304	G	$-9^8 - (-7^*6 + (5^4 * 3)^2) * 1$
-46051447	G	$987 * (-6^5(5+4-3)-2)-1$	-46562305	G	$-9^8 - (-7^*6 + (5^4 * 3)^2) - 1$
-46068257	P	$-9^8 + 7 * (- (654+3)^2 + 1)$	-46562333	G	$-9^8 + 7 + 6 - (5^4 * 3)^2 * 1$
-46070720	G	$-9^8 - 7 * (6+54)^3 * 2 + 1$	-46562347	P	$-(9^8 + 7) + 6 - (5^4 * 3)^2 * 1$
-46070728	G	$-9^8 - 7 * ((6+54)^3 * 2 + 1)$	-46562389	G	$-9^8 - 7 * 6 - (5^4 * 3)^2 - 1$
-46076944	P	$-(987 - 6^5 + 4 - 3)^2 * 1$	-46603718	G	$-9^8 - (7 + (-6 - 5^4) * 3)^2 - 1$
-46115566	G	$-98 * ((7^6 - 5)^4 - 3^4 (2^*1))$	-46609196	G	$(9^8 + 76) * (-54^3 * 2 + 1)$
-46117330	G	$-98 * ((7^6 - 5)^4 + 3^4 (2^*1))$	-46616839	P	$-9^8 + 7 + 65^4 / (-3 + 2) * 1$
-46118356	G	$(98^* - 7^6 + 5)^4 + 32^*1$	-46639226	G	$-9^8 - 7 * (6^5 * (4^3 + 2) - 1)$
-46118357	G	$(98^* - 7^6 + 5)^4 + 32 - 1$	-46639232	G	$-9^8 - 7^* - 6^5 * (-4^3 - 2) + 1$
-46118376	G	$(98^(-7+6+5)-4^3)/(-2^*1)$	-46656722	G	$-9^8 - (7 - (-6 - 5^4) * 3)^2 - 1$
-46118379	G	$(-98^*7^6+5)^4+3^2*1$	-46677032	P	$-9^8 + (7^6)^5 / (-4 + 32) + 1$
-46118385	G	$((98^*7^6-5)^4-3)^*(-2+1)$	-46705817	G	$-9^8 - 7 * ((6 - (5+4)^3)^2 - 1)$
-46118428	G	$(98^*7^6+5)^*-4^3(3-2^*1)$	-46705824	G	$-9^8 - 7 * ((6 - (5+4)^3)^2 * 1)$
-46118431	G	$((98^*7^6+5)^4+3)^*(-2+1)$	-46733127	P	$-(9^8+7) - (6^5 * 4^3)^2 + 1$
-46118434	G	$-9-8*(7^6(6-(5-(4+3))))+2-1$	-46733128	P	$-(9^8+7) - (6^5 * 4^3)^2 * 1$
-46118437	G	$(-98^*7^6-5)^4-3^2*1$	-46759261	P	$-9^8 - (-7 + 6^5 * 5 + 4) * (-3^2 - 1)$
-46118459	G	$(-98^*7^6-5)^4-32+1$	-46766766	G	$-9^8 + 7 * (6 - (5+4)^3 * 2) * 1$
-46118460	G	$(-98^*7^6-5)^4-32^*1$	-46766801	G	$-9^8 - 7 * ((6/54)^(-3^2) - 1)$
-46119486	G	$-98 * ((7^6+5)^4 - 3^4 (2^*1))$	-46766850	P	$-(9^8 + 7 * (6 + (5+4)^3 * 2)) * 1$
-46120374	G	$98^*(7^6-5)^4-3^2*1$	-46795037	P	$-9^8 + (-7 + 6^5 * 4 + 3) * (2^*1)$
-46120375	G	$98^*(7^6-5)^4-3^2-1$	-46811482	G	$-9^8 + 7 * ((6 - 5^4)^3 + 2) + 1$
-46121250	G	$-98 * ((7^6+5)^4 + 3^4 (2^*1))$	-46811489	G	$-9^8 + 7 * ((6 - 5^4)^3 + 2) * 1$
-46158416	G	$-9^8 - (7^6)^5 (5 - (4 - 3)) + 2 - 1$	-46811649	G	$-9^8 + (7^6 + 5) / (-4^3 - 3^2 * 1)$
-46158417	P	$(9^8 + 7^6)^5 - (-5 + 4 - 3) / (-2 - 1)$	-46812963	P	$-(9 + 8 + (7 - 6 - 5^4)^3)^2 + 1$
-46180161	G	$-9^8 - 765 * (4^3 * 2) * 1$	-46812965	P	$-(9 + 8 + (7 - 6 - 5^4)^3)^2 - 1$
-46180926	G	$-9^8 - 765 * (4^3 * 2) + 1$	-46826648	G	$-9^* (8 - 7 * (6^5 * 4 + 3))^2 + 1$
-46206411	G	$9^8 - 7 - 65^4 * (3 + 2) * 1$	-46826650	G	$-9^* (8 - 7 * (6^5 * 4 + 3))^2 - 1$
-46224454	G	$-9^8 - 7 / (65 - 4)^3 * 2 + 1$	-46826728	G	$-9^8 - 7 * ((6^5)^4 / 3^2 + 1)$
-46224462	G	$-9^8 - 7 * ((65 - 4)^3 * 2 + 1)$	-46828289	G	$-9^8 - 7 * ((6 + (5 + 4)^3)^2 - 1)$
-46235360	P	$-9^8 + 7 + 6^3 - ((5 + 4)^3 * 2) * 1$	-46879771	G	$-9^8 + (-7 - 6) * (54^3 * 2 + 1)$
-46235374	P	$-(9^8 + 7) + 6^3 - ((5 + 4)^3 * 2) * 1$	-46896157	P	$-(9^8 - 7) - (65^4 * 3)^2 + 1$
-46235380	P	$-(9^8 + 7) + 6^3 - ((5 + 4)^3 * 2) - 1$	-46963608	P	$-(987 - 6^5 - 4^3)^2 + 1$
-46246678	P	$-9^8 + 7 * 6 - (5^4)^3 - (-3 - 2) + 1$	-46963610	P	$-(987 - 6^5 - 4^3)^2 - 1$
-46246733	P	$-(9^8 + 7) - (6 + (5^4)^3 + 2) + 1$	-46965818	P	$-9^8 - 7 * (6^5 - (5 - 4^3) * 2 - 1)$
-46246734	P	$-(9^8 + 7 + 6) - (5^4)^3 + (3^2 - 1)$	-46965825	P	$-9^8 - 7 * (6^5 - (5 - 4^3) * 2 * 1)$
-46246762	P	$-9^8 - 7 * 6 + (-5^4)^3 - (-3 - 2) + 1$	-46979904	G	$9 - 87 * ((6^5)^4 / 3^2 - 1)$
-46246763	P	$-9^8 - 7 * 6 + (-5^4)^3 - (-3 - 2) * 1$	-47029274	G	$-9 - (8 + 7^6 * 6^5 + 4) / 3 * 2 - 1$
-46246797	P	$-(9^8 + 7 + 6 + (5^4)^3 + 2) * 1$	-47029339	P	$-98 - 7 * (6^5 - (-5 - 4) / 3^2 - 1)$
-46326304	G	$-9^8 - 7 * (6 + 5)^4 * 32 + 1$	-47096687	P	$-9^8 + (-7 + (6^5)^4) * (-3 + 2) - 1$
-46326312	G	$-9^8 - 7 * ((6 + 5)^4 * 32 + 1)$	-47096713	G	$-9^8 - (-7 + (6^5)^4 * (3 + 2)) + 1$
-46327886	P	$-9^8 - 7 * 6^3 - (5^4 - (-4 - 3) + 2) + 1$	-47096714	G	$-9^8 - (-7 + (6^5)^4 * (3 + 2)) * 1$
-46327887	P	$-9^8 - 7 * 6^3 - (5^4 - (-4 - 3) + 2) * 1$	-47096727	P	$-9^8 - 7 + (6^5)^4 * (-3 + 2) + 1$
-46327894	G	$-9^8 - 7 * (-6^3 - (5^4(4+3)+2)+1)$	-47096756	G	$-9^8 + (-7 - (6^5)^4) * (3 + 2 * 1)$
-46327929	G	$-9^8 - 7 * 6^5 (5^4(4+3) - (2 - 1))$	-47096757	G	$-9^8 + (-7 - (6^5)^4) * (3 + 2) - 1$
-46327958	P	$-9^8 - 7 * (-6^5 * 5^4(4+3)+2)-1$	-47110976	G	$-9^8 - (7^6 * (-5 - 43))^2 + 1$
-46327985	G	$-9^8 - 7 * (6^5 * 5^4(4+3)+2^*1)$	-47131161	G	$-9^8 - ((7^6 + 5)^4 * 3)^2 + 1$
-46327986	G	$-9^8 - 7 * (6^5 * 5^4(4+3)+2)-1$	-47140784	G	$-9^8 - (-7 - 6) / (-54^3 - 3^2 + 1)$
-46327992	G	$-9^8 - 7 * (6^5 * 5^4(4+3)+2+1)$	-47140798	G	$-9^8 + (-7 - 6) * (54^3 * 2 + 1)$
-46328054	P	$-9^8 - 7 * 6^5 (5^4 - (-4 - 3) + 2) + 1$	-47159869	G	$(9 - 8^*76) * (54^3 / 2 - 1)$
-46328062	G	$-9^8 - 7 * (6^5 (5^4(4+3)+2)+1)$	-47164437	G	$-9^8 - 7^4 (6 + 5 - 4) * (3 + 2) - 1$
-46328097	G	$-9^8 - 7 * 6^5 (5^4(4+3)+2+1)$	-47185813	G	$9 * ((8^7 / 6^5 - 5 + 4) * 3) - 2 + 1$
-46364370	P	$-(9^8 + 7^6) - (5^4)^3 + (3^2 - 1)$	-47185815	G	$9 * ((8^7 / 6^5 - 5 + 4) * 3) - 2 - 1$
-46388395	G	$-9^8 + ((7+6)^5+4)^*-3^2-1$	-47257424	G	$-9^8 - (76 * (-5 - 4) * 3)^2 + 1$
-46399990	P	$9 - 87 / 6^5 (5^4)^3 - (-3 - 2) + 1$	-47305528	G	$-9^8 - 7 * ((65^4 * 3)^2 + 1)$
-46402928	G	$-9^8 - (-7 + 6^5) * 432 + 1$	-47306554	G	$-9^8 + 7 - 65^4 * 4^3 (2 - 1)$
-46405947	G	$-9^8 + 7 - 6^5 * 432 - 1$	-47306561	G	$-9^8 + (-7 - 6) * 5^4 * 4^3 (2 - 1)$
-46405959	P	$-(9^8 + 7 + 6^5 (5 + 4) / 3) + 2 - 1$	-47306568	P	$-(9^8 + 7) - 65^4 * 4^3 (2 - 1)$
-46408976	G	$-9^8 + (-7 - 6^5) * 432 + 1$	-47334400	P	$-(9 / (8^* (7 - (-6^5 + 43))))^2 * 1$
-46421498	G	$-9^8 - 7 * (-6^5 * (-4^3 + 2) - 1)$	-47347514	G	$-9^8 - 7 * 6^5 (5^4 * 3)^2 - 1$
-46421504	G	$-9^8 - 7 * 6^5 * (4^3 - 2) + 1$	-47347521	P	$-9^8 - 7 * 6^5 * (-5 / 4 - 3)^2 * 1$
-46421505	G	$-9^8 - 7 * 6^5 * (4^3 - 2) * 1$	-47423184	P	$-(9^8 + 7 / ((6 + 5)^4 + 3))^2 - 2 + 1$
-46469222	G	$-9^8 - (7 - (-6 + 5^4) * 3)^2 - 1$	-47423185	P	$-(9^8 + 7 / ((6 + 5)^4 + 3))^2 * 1$
-46484375	G	$(-9 - 8) * 7^6 (6 - (5 - 4))^3 (2 - 1)$	-47458321	P	$-(9 - 8 - 7) * 6^5 - 4^3 (2 * 1)$
-46502714	G	$-9^8 + 7 + (6^5 * 4)^3 * 2 * 1$	-47498801	P	$-9 - 8 * (76^5 (5^4 - (-4 - 3) - 2) + 1)$
-46502728	P	$-(9^8 + 7 - (6^5 * 4)^3 * 2) * 1$	-47500033	G	$-9 - 8 * (76 / 5^4 (-4 - 3) + 2 + 1)$
-46521218	G	$-9^8 - (7 + (-6 + 5^4) * 3)^2 - 1$	-47501226	G	$-9 - 8 * 76^5 (5^4(4+3)+2)-1$

-47501233	G	$-9 \cdot 8^*(76^*(5^4(4+3)+2)+1)$	-48825938	G	$-9^8 - ((7^*(6-5))^4+3)^2-1$
-47502235	P	$-(9^8+(7+6)^5 \cdot 4^3)+2^*1$	-48874081	P	$-(9-8^*7^*(6-5+4)^3)^2^*1$
-47513449	P	$-(-9^*(8+765)+4^3)^2^*1$	-48929421	P	$-9^8+(7^6+5)^*(-(4+3)^2-1)$
-47525498	G	$-9+(8-(7+6)^5/4^3)^2-1$	-48984070	G	$-9^8-76^*(5^4(4+3)-2)-1$
-47634884	G	$-9^8-(7^*6^*(-54+3))^2+1$	-48984145	P	$-(9^8)-76^*(5^4(4+3)-(2-1))$
-47645846	G	$-9^8-7^*(65+4)^3 \cdot 2+1$	-48984374	P	$-9^8-76^*(-(-5^4(4+3)-2)-1)$
-47645854	G	$-9^8-7^*((65+4)^3 \cdot 2+1)$	-48984449	P	$-9^8-76^*(5^4(4+3)+2+1)$
-47727873	G	$-9^8-7^*(6^5 \cdot 4^3 \cdot 2^*1)$	-48996924	G	$-9^8+(-7+6^5 \cdot 4)/-3+2+1$
-47727880	G	$-9^8-7^*(6^5 \cdot 4^3 \cdot 2+1)$	-48996928	G	$-9^8 - ((-7+6^5 \cdot 4)/3+2)+1$
-47775788	P	$9^* - ((8^*(7-6+5))^4+3+2)+1$	-49000001	P	$-(-9^*87+6^5+4+3)^2-1$
-47873527	P	$-(9^8+(7+6)^5(5+4-3))^2+1$	-49020000	G	$(9-8-7^6)^5 \cdot 4/(3/2^*1)$
-47873529	P	$-(9^8+(7+6)^5(5+4-3))^2-1$	-49020405	G	$(9-(8-7^6 \cdot 5^4)/3)^2-1$
-47877926	G	$-9^8-(7^*(6-5^4 \cdot 3))^2-1$	-49020412	G	$9+(-8-7^6 \cdot 5^4)/3^2+1$
-47906680	G	$-9^8+(-7+(6^5)^4)^3 \cdot 2-1$	-49020414	G	$9+(-8-7^6 \cdot 5^4)/3^2-1$
-47906714	G	$-9^8+7+(6^5)^4 \cdot 3^2^*1$	-49020427	G	$(-9-8-7^6 \cdot 5^4)/3^2+1$
-47906764	G	$-9^8+(-7-(6^5)^4)^3 \cdot 2-1$	-49020429	G	$(-9-8-7^6 \cdot 5^4)/3^2-1$
-47926399	P	$-9^8+(-7^*6+5)^4+3)^*(2-1)$	-49020431	G	$-9-(8+7^6 \cdot 5^4)/(3/2^*1)$
-47987978	G	$-9^8-7^4(6+5-4)^3 \cdot 2+1$	-49020441	G	$(-9+(-8-7^6 \cdot 5^4)/3)^2-1$
-47987979	P	$-9^8-7^4(-(-6+5)+4)^*(3+2+1)$	-49023741	G	$9+(-8-7^6)^5 \cdot 4/(3/2^*1)$
-48000010	G	$-9-8^*7^6 \cdot (5/4)^3(3^2)-1$	-49023759	G	$-9+(-8-7^6)^5 \cdot 4/(3/2^*1)$
-48000767	G	$9-8^*(7^6 \cdot (54-3)-2)^*1$	-49027500	G	$(-9-8-7^6)/5^4-4/(3/2^*1)$
-48027837	G	$-9^8-76^*(5+4^3(3^2-1))$	-49030353	G	$-9^8-76^*(5^4 \cdot 3/2^*1)$
-48029809	P	$-9+(-(-8^*(7+6)+5)^4+3)/2-1$	-49030429	G	$-9^8-76^*(5^4 \cdot 3/2+1)$
-48076213	P	$-(9^8-(7+6)/(5^4-3))^2-1$	-49061250	G	$(-98-7^6)^5 \cdot 5^4/(3/2^*1)$
-48076226	P	$-9^8+(7+6)^*(-(-5^4+3))^2-1$	-49094728	G	$-9^8-7^*((6^5 \cdot 4)^3/2+1)$
-48085562	P	$-(9^8-7)^6(5+4)^*(3/2-1)$	-49187204	G	$-9^8-(7^*6^*(5-4^3))^2+1$
-48085563	P	$-9^8-(-7-(-6^4-(-5-4)+3))/2+1$	-49270112	G	$-9^8-(7^*6)^5(5-4-3)^2+1$
-48085566	P	$-9^8-(-7+6^4-(-5-4)+3)/2+1$	-49270113	G	$-9^8-(7^*6)^5(5-4-3)^2^*1$
-48085570	P	$-9^8+(-7-6^4-(-5-4)+3)/2+1$	-49282555	G	$(-9+8^*7)^*(6+5-4^3(3^2+1))$
-48085573	P	$-9^8+(-7-(6^4-(-5-4)+3))/2+1$	-49283025	G	$(-9+8^*7)^*(6-5-4^3(3^2+1))$
-48085576	G	$-9^8-7-6^4(5+4)^*(3/2-1)$	-49294441	P	$-(-9^*(8+765)-4^3)^2^*1$
-48173726	P	$-9^8+(7+6)^*(-(5^4+3))^2-1$	-49397120	G	$-9^8-(7^*6^5 \cdot 4^3)^2+1$
-48223277	G	$-9^8+7^6 \cdot (5-(4+3))^2^*1$	-49399767	G	$-9^8-7^6/5^4(-3+2^*1)$
-48223278	G	$-9^8+7^6 \cdot (5-(4+3))^2-1$	-49483065	G	$-9^8+(7-6^5)^4(4+3-2)-1$
-48234640	G	$-9-(8^7+6)^*(5^4+3)+2+1$	-49526777	G	$-9^8+(-7-(6^5)^4)^*(3^2-1)$
-48234642	G	$-9-(8^7+6)^*(5^4+3)+2-1$	-49609221	P	$-9^8-7^*(6^5)^4(-4-3)^2^*1$
-48254246	G	$-9^8-(7^*(6-5^4-4^3))^2-1$	-49609228	P	$-9^8-7^*(6^5)^4(-4-3)^2+1$
-48274704	P	$-(9^*(8+765-(4-3)))^2^*1$	-49635065	G	$-9^8-7^4(6+5-4)^3(3^2-1)$
-48289559	P	$-(9^8-7^6)-5^4 \cdot 4^3(3^2+1)$	-49660124	G	$-9^8-7^*6^*(5^4 \cdot 3-2)+1$
-48289600	G	$-9^8+7-6-5^4 \cdot 4^3(3^2+1)$	-49660195	G	$-9^8-7^*(6^5 \cdot 5^4 \cdot 3-2)^*1$
-48289643	P	$-(9^8+7^6)-5^4 \cdot 4^3(3^2+1)$	-49660223	P	$-9^8+7^*(6/5^4-3+2)^*1$
-48291336	G	$-9+(8^7-6^4(5+4)^*(3+2)+1)$	-49660294	G	$-9^8-7^*6^*(5^4 \cdot 3+2)-1$
-48299298	P	$(9^8+((7+6)^5)^4 \cdot 3)/-(2^*1)$	-49660300	G	$-9^8-7^*(6^*(5^4 \cdot 3+2)+1)$
-48340926	G	$-9^8+7^6 \cdot (5-(4+3))^2-1$	-49716609	P	$-9+(8+(-7-6)^5 \cdot 5^4)^2+1$
-48362345	G	$-9^8-7^*(6+5+4)^3(3+2)+1$	-49744810	P	$-9^8-7^*(6-5^4-3)^2-1$
-48362347	G	$-9^8-7^*(6+5+4)^3(3+2)-1$	-49765172	G	$-9^8+(-7+6^4(5+4)/3)^3 \cdot 2-1$
-48362353	P	$-9^8+7^*(-(6+5+4)^3(3+2)-1)$	-49765200	G	$-9^8-(-7-6^4(5+4)/3)^3 \cdot 2-1$
-48410117	P	$(9-(8+7)^6)^3 \cdot (-5/4-3)^2+1$	-49787137	G	$-9^*(8^*7^*(6-5-43))^2-1$
-48497296	P	$-9^*(8+765)+4+3)^2^*1$	-49815364	P	$-9-8+(-7-6)^5 \cdot 5^4)^2^*1$
-48693633	G	$-9^8+(-7^6+5)^*((4+3)^2-1)$	-49843600	P	$-9-8-(-7-6)^5 \cdot 5^4)^2^*1$
-48693873	P	$-(9^8+7^6 \cdot (54-3^2))^*1$	-49885969	P	$-98^*(7+65)+4+3)^2^*1$
-48693874	P	$-(9^8+7^6 \cdot (54-3^2))-1$	-49942497	P	$-9+(8-(-7-6)^5 \cdot 5^4)^2+1$
-48716496	G	$-9^8-7^*((6^5)^4-32)+1$	-49955441	P	$-9^8+(7+6)^*(-(5+4)^3(3^2+1))$
-48716657	G	$-9^8-7^*((6^5)^4-3^2)+1$	-50014017	G	$-9^8-7^*(6^5 \cdot 4^3 \cdot 3^2)^*1$
-48716678	G	$-9^8-7^*((6^5)^4-3^2)+1$	-50014024	G	$-9^8-7^*(6^5 \cdot 4^3 \cdot 3+1)$
-48716686	G	$-9^8-7^*((6^5)^4-3^2+1)$	-50041475	P	$-9^*(87/-6^5 \cdot 5^4-3))^2+1$
-48716687	G	$-9^8-7^*((6^5)^4-(3+2))-1$	-50122320	G	$-9^8-(76^5 \cdot (-4-3))^2+1$
-48716688	P	$-(9^8-7^*(-(6^5)^4-32)+1)$	-50145032	G	$-9+(-8^7+6^5)^4 \cdot 3^2+1$
-48716689	P	$-(9^8-7^*(-(6^5)^4-32))^*1$	-50211396	P	$-9-(-8-7)^*(-(6-5)^4 \cdot 3)^2^*1$
-48716697	G	$-9^8-7^*((6^5)^4-3)^2+1$	-50239549	P	$-9-(-8+7^6)^*(5-432))-1$
-48716712	G	$-9^8-7/(6^5)^4-4+3^2^*1$	-50243419	G	$-9+((-8+7/6)^5 \cdot 5^4)^3-2+1$
-48716730	G	$-9^8-7/(6^5)^4-4-3^2^*1$	-50332129	P	$-9+(8^7+6)^5-5^4 \cdot 3^2-1$
-48716743	G	$-9^8-7^*((6^5)^4+3)-2+1$	-50336714	P	$-9^8-7+(6^5)^4 \cdot 3^2)^*1$
-48716752	G	$-9^8-7^*(6^5)^4-32+1$	-50336728	P	$-9^8+7+(6^5)^4 \cdot 3^2)^*1$
-48716757	G	$-9^8-7^*((6^5)^4+3+2)-1$	-50367409	P	$-98^*7+6^5+4+3)^2^*1$
-48716762	G	$-9^8-7^*((6^5)^4+3^2)+1$	-50367410	P	$-98^*7+6^5+4+3)^2-1$
-48716763	G	$-9^8-7^*((6^5)^4+3^2)^*1$	-50381605	P	$-98^*7+6^5 \cdot 5^4)^3)^2-1$
-48716783	G	$-9^8-7^*((6^5)^4+3^2)+1$	-50388434	P	$-9-8+7+6^4(5+4)^*(3+2))-1$
-48716944	P	$-9^8-7^*(-(6^5)^4-32)+1$	-50388565	G	$-9+(-8-7-6^4(5+4))^*(3+2)-1$
-48777956	G	$-9^8-(7^*6^*(-54-3))^2+1$	-50388570	G	$-98+7-6^4(5+4)^*(3+2)+1$

-50389468	G	$-987-6^{\wedge}(5+4)*(3+2)-1$	-51972037	G	$-9^{\wedge}8+(-7-65^{\wedge}4)*(3/2-1)$
-50458607	G	$-9^{\wedge}8-7^{\wedge}(6+5-4)*3^{\wedge}2+1$	-52004666	P	$-(9^{\wedge}8-7)-6^{\wedge}(5+4)*(-3^{\wedge}-2+1)$
-50458608	G	$-9^{\wedge}8-7^{\wedge}(6+5-4)*3^{\wedge}2*1$	-52200594	P	$-(9+87-6-5)^{\wedge}4+32-1$
-50472581	P	$-9^{\wedge}8+(7+6)^{\wedge}5*4*(-(3+2)*1$	-52200601	P	$-(9+((-8-7)*6+5)^{\wedge}4)+32+1$
-50479686	P	$(9^{\wedge}8-(7*6)^{\wedge}5/-4)/-(3/2*1)$	-52200656	P	$-((9+87-6-5)^{\wedge}4+32)+1$
-50518280	G	$-9+(-8^{\wedge}7-6^{\wedge}5)*4*3*2+1$	-52200658	P	$-((9+87-6-5)^{\wedge}4+32)-1$
-50588372	G	$9+(8-7^{\wedge}6*5)*4*3*2+1$	-52258441	P	$-(-98*7-6543)^{\wedge}2*1$
-50588374	G	$9+(8-7^{\wedge}6*5)*4*3*2-1$	-52329046	G	$-9^{\wedge}8+(7+6)^{\wedge}5*(-4*3*2-1)$
-50589748	G	$9-(8+7^{\wedge}6*5)*4*3*2+1$	-52429559	G	$-9-(8^{\wedge}7+6*5)*(4*3*2+1)$
-50589750	G	$9-(8+7^{\wedge}6*5)*4*3*2-1$	-52470398	P	$-(-98*7^{\wedge}6+(5*4)^{\wedge}(3*2))*1$
-50694400	P	$-(-98*(7+65)-4^{\wedge}3)^{\wedge}2*1$	-52485642	G	$-9-8^{\wedge}7-6^{\wedge}(5+4)*(3+2)-1$
-50710176	G	$-9+(-8-7^{\wedge}6)*5*4*3*2+1$	-52521893	P	$-(9+8)-(-7*(6-(5-4)))^{\wedge}(3+2)-1$
-50722884	P	$-(((9*8+7)*6*5+4)*3)^{\wedge}2*1$	-52609383	P	$-(9-(-8-7)^{\wedge}6)-(5*4)^{\wedge}(3*2)+1$
-50801040	G	$-9*8*((7^{\wedge}6-54)*3*2*1)$	-52700339	P	$-(-9^{\wedge}8+(7+6)^{\wedge}(5+4-3)*2)*1$
-50815728	G	$-9*8*((7^{\wedge}6-5*4)*3*2*1)$	-52727953	G	$-9+8*7+(-65*4)^{\wedge}3*(2+1)$
-50820480	G	$-9*8*((7^{\wedge}6-5-4)*3*2*1)$	-52751169	P	$-(9*(876-5-4+3))^{\wedge}2*1$
-50822207	P	$-(((9-8)*7)^{\wedge}6-5)*4*3+1$	-52780006	P	$(9-(8-7)-65)^{\wedge}4*(-(3+2)-1$
-50823080	G	$-9-(-8-(-7^{\wedge}6-5))*4*3+1$	-52790304	G	$-9^{\wedge}8+(7-(6+5)^{\wedge}(4+3))/2-1$
-50823889	G	$(9-8*7^{\wedge}6)*5+3*2-1$	-52790311	G	$-9^{\wedge}8-(7+(6+5)^{\wedge}(4+3))/2-1$
-50824333	G	$9-8*(7^{\wedge}6*54-3)+2*1$	-52806077	P	$9^{\wedge}8+(-7*6+5)^{\wedge}4+3*(2*1)$
-50824337	G	$9-8*(7^{\wedge}6*54-3)-2*1$	-52809289	P	$-((-98-(76-5))*43)^{\wedge}2*1$
-50824344	G	$-9-8*7^{\wedge}6*54+32+1$	-52812333	G	$-9^{\wedge}8+7+6-5^{\wedge}(4+3*2*1)$
-50824345	G	$-9-8*7^{\wedge}6*54+32*1$	-52812359	P	$-(-9^{\wedge}8+7+6)-5^{\wedge}(4+3*2*1)$
-50824371	G	$-9-8*7^{\wedge}6*54+3+2+1$	-52907928	P	$-(9-8*(7*6*5-54*3-2))+1$
-50824372	G	$-9-8*7^{\wedge}6*54+3+2*1$	-53094900	P	$-(9-8)+(7+6)^{\wedge}5*(-(4*3)^{\wedge}2+1)$
-50824378	G	$-9-8/7^{\wedge}6*(5+(4+3)^{\wedge}2)-1$	-53094916	P	$-(9+8)+(7+6)^{\wedge}5*(-(4*3)^{\wedge}2+1)$
-50824422	G	$(-9-8/(7^{\wedge}6-6/(5+4)))^{\wedge}3*2*1$	-53124378	G	$-9^{\wedge}8+7-6^{\wedge}(5+4)+32*1$
-50824423	G	$(-9-8/(7^{\wedge}6-6/(5+4)))^{\wedge}3*2-1$	-53124379	G	$-9^{\wedge}8+7-6^{\wedge}(5+4)+32-1$
-50824887	P	$(-9+8/7^{\wedge}6)*54-32-1$	-53124393	P	$-(-9^{\wedge}8+7)-6^{\wedge}(5+4)+32-1$
-50828256	G	$-9*8*((7^{\wedge}6+5+4)*3*2*1)$	-53124407	P	$-(-9^{\wedge}8-7+6^{\wedge}(5+4)-3)*(2-1)$
-50833008	G	$-9*8*((7^{\wedge}6+5*4)*3*2*1)$	-53124417	P	$-(-9^{\wedge}8+7+6^{\wedge}(5+4)-3*2)+1$
-50847696	G	$-9*8*((7^{\wedge}6+54)*3*2*1)$	-53124418	P	$-(-9^{\wedge}8+7+6^{\wedge}(5+4)-3*2)*1$
-50853311	P	$(-9*8+7^{\wedge}6+5)*4*3+1$	-53124423	G	$-9^{\wedge}8-7-6^{\wedge}(5+4)+3/(2+1)$
-50858738	P	$-(-9^{\wedge}8-7)-65*4*3^{\wedge}2+1$	-53190945	G	$-9^{\wedge}8-(7*65*(-4-3))^{\wedge}2+1$
-50864543	P	$-(-98-7^{\wedge}6)-5*4*3+1$	-53442925	G	$-9^{\wedge}8+(7+6)^{\wedge}5*(4-3*2)*1$
-50884922	G	$-9^{\wedge}8-7*(6^{\wedge}(5+4)*3^{\wedge}2-1)$	-53465048	G	$9+8-(7+6)^{\wedge}5*(4*3)^{\wedge}2+1$
-50884929	G	$-9^{\wedge}8-7*6*5*((4*3)^{\wedge}2*1)$	-53549523	P	$-(-9*87-65^{\wedge}4)*3-2+1$
-51001576	P	$-(-9^{\wedge}8+7)-6^{\wedge}5*(4^{\wedge}(3+2)-1)$	-53549814	P	$-(-98*7-65^{\wedge}4)*3-2+1$
-51002178	P	$-9^{\wedge}8+(-7+6^{\wedge}5)*4^{\wedge}(-3+2)-1$	-53551095	G	$9*87-65^{\wedge}4*3-2-1$
-51009346	P	$-9^{\wedge}8+(-(-7+6)+5)*4^{\wedge}(3+2)-1$	-53551795	G	$9*8+7-65^{\wedge}4*3+2-1$
-51009946	G	$-9^{\wedge}8+(-7+6^{\wedge}5)*(-4^{\wedge}(3+2)-1)$	-53551797	G	$-9+87-65^{\wedge}4*3^{\wedge}(2-1)$
-51016513	P	$-9^{\wedge}8+(-7-6^{\wedge}5)*4^{\wedge}(-3-2)*1$	-53551940	G	$-9*8+7-65^{\wedge}4*3^{\wedge}(2-1)$
-51016514	P	$-9^{\wedge}8+(-7-6^{\wedge}5)*4^{\wedge}(-3-2)-1$	-53551969	G	$-9*8+(-7-65^{\wedge}4)*3-2+1$
-51029953	G	$9*(8-(7*(6*5)^{\wedge}4+3))^{\wedge}2*1$	-53551978	G	$-98-7-65^{\wedge}4*3+2*1$
-51146651	G	$-9^{\wedge}8+(-7+(6*5)^{\wedge}4)*(-3^{\wedge}2-1)$	-53551980	G	$-98-7-65^{\wedge}4*3^{\wedge}(2-1)$
-51146728	P	$-(-9^{\wedge}8+7)+(6*5)^{\wedge}4*(-3^{\wedge}2-1)$	-53551982	G	$-98-7-65^{\wedge}4*3-2*1$
-51194025	P	$-(-9*876-(5+4)^{\wedge}3)^{\wedge}2*1$	-53552377	G	$9*8*7-65^{\wedge}4*3+2*1$
-51416119	G	$-9+(-8-7^{\wedge}6)*5*(5+4*3)-1$	-53552381	G	$9*8*7-65^{\wedge}4*3-2*1$
-51417098	P	$-(-9-8^{\wedge}7*6)-(5*4)^{\wedge}(3*2)-1$	-53552559	G	$-98*7-65^{\wedge}4*3+2*1$
-51435329	P	$-(-9^{\wedge}8)-7+(6-5)*4^{\wedge}((3^{\wedge}2)+1)$	-53552561	G	$98*7-65^{\wedge}4*3^{\wedge}(2-1)$
-51445124	G	$-9^{\wedge}8-(7*6*(5+4^{\wedge}3))^{\wedge}2+1$	-53552563	G	$-98*7-65^{\wedge}4*3-2*1$
-51445125	G	$-9^{\wedge}8-(7*6*(5+4^{\wedge}3))^{\wedge}2*1$	-53552640	G	$9*(87-65^{\wedge}4/3+2)*1$
-51445751	G	$9-8*7*(6+5^{\wedge}4/32-1)$	-53552656	G	$9*87-65^{\wedge}4*3+2*1$
-51454730	G	$-9+8*7-65^{\wedge}4*3+2*1$	-53552658	G	$(-9*87-65^{\wedge}4*3)/(2-1)$
-51454732	G	$-9+8*7-65^{\wedge}4*3^{\wedge}(2-1)$	-53552660	G	$9*87-65^{\wedge}4*3-2*1$
-51454734	G	$-9+8*7-65^{\wedge}4*3-2*1$	-53552860	G	$-987-65^{\wedge}4*3+2*1$
-51549764	G	$-9^{\wedge}8+7+6-54^{\wedge}(3+2-1)$	-53552862	G	$-987-65^{\wedge}4*3^{\wedge}(2-1)$
-51549778	P	$-(-9^{\wedge}8+7)+6-54^{\wedge}(3+2-1)$	-53552864	G	$-987-65^{\wedge}4*3-2*1$
-51551714	G	$-9^{\wedge}8-7*((6*5)^{\wedge}4*3/2-1)$	-53647428	G	$(9-8*7^{\wedge}6)*(54+3)+2+1$
-51551721	G	$-9^{\wedge}8-7*(6*5)^{\wedge}4*3/2*1$	-53647919	G	$9-8*(7^{\wedge}6*(54+3)-2)*1$
-51551722	G	$-9^{\wedge}8-7*(6*5)^{\wedge}4*3/2-1$	-53647955	P	$-(9+8/(7^{\wedge}6-6/(54+3)))^{\wedge}2*1$
-51696100	P	$-9*(8-7)*6-(5*4)^{\wedge}3)^{\wedge}2*1$	-53661277	P	$-(-9^{\wedge}8-7)-(6*543)^{\wedge}2+1$
-51711849	P	$(9*87+6)*(-5+4^{\wedge}(3^{\wedge}2-1))$	-53670276	P	$-(-9*87-6543)^{\wedge}2*1$
-51745425	G	$-9-(8+7^{\wedge}6)/(4+3)^{\wedge}2*1$	-53747730	P	$-(9+(8+(7+65)^{\wedge}4-3)*2)+1$
-51753636	P	$9*(-((8-(7-6)^{\wedge}5)^{\wedge}4-3)^{\wedge}2*1)$	-53747734	G	$-9-8-((7+65)^{\wedge}4+3)*2+1$
-51765559	G	$9-8*(7^{\wedge}6*(54+3-2)+1)$	-53747739	P	$-(-9+8+(7+65)^{\wedge}4-3)*2+1$
-51868804	P	$-(-9-8+(7/(6-5))^{\wedge}4-3)^{\wedge}2*1$	-53747744	G	$-9-(8+(7+65)^{\wedge}4+3)*2-1$
-51957753	G	$-9^{\wedge}8+(7+6)^{\wedge}5*(-4*3*2*1)$	-53747753	G	$(9+8+(7+65)^{\wedge}4+3)*2-1$
-51972033	P	$-9^{\wedge}8+(-((-7-6)^{\wedge}5)^{\wedge}4+3)/2-1$	-53807445	G	$(-9^{\wedge}8+765)/(4/(3+2)*1)$
-51972036	G	$-9^{\wedge}8-(((7-6)^{\wedge}5)^{\wedge}4+3)/2-1$	-53814218	G	$-9^{\wedge}8+(7+6)^{\wedge}5*(4-32-1)$

-53984222	G	$-9^8-7*(6^5\wedge 4/3)^2-1$	-55752559	G	$-9^8+((76-5)\wedge 4-3)/-2+1$
-53984228	G	$-9^8-7*((6^5\wedge 4/3)^2+1)$	-55752560	G	$-9^8+((76-5)\wedge 4-3)/-2*1$
-54000004	G	$(9+8-7)\wedge 6*-54-3-2+1$	-55752562	P	$-9^8-(-(76-5)\wedge 4-3)/-2+1$
-54000648	P	$-((9+8)*7\wedge 6-5-4)*3\wedge (2+1)$	-55815840	P	$-(98*76+5*4+3)\wedge 2+1$
-54009441	G	$-9^8-(7*(-6-5)*43)\wedge 2+1$	-55815842	P	$-(98*76+5*4+3)\wedge 2-1$
-54010162	G	$-9-((8-7+6)*54)\wedge 3-2+1$	-56025225	P	$-(9*(8-7*6*5*4)+3)\wedge 2*1$
-54010253	P	$-98+(7*6*(5+4))\wedge 3-2-1$	-56190016	P	$-(98*76+5+43)\wedge 2*1$
-54017766	P	$-((9+8)*7\wedge 6+5^4)*3\wedge (2+1)$	-56205008	P	$-((-9+8+7+6)*5\wedge 4-3)\wedge 2+1$
-54063885	P	$(98*7+6)*(-5^-(4-3)-2)-1$	-56235001	P	$-(98*76+5+4-3)\wedge 2*1$
-54064576	P	$(98*7+6)*(-5^-(4-3)-2-1)$	-56273690	G	$-9^8-7*(6/54\wedge -3^2-1)$
-54244154	P	$-(9^8-7)-6\wedge (5+4)*(3^2+2+1)$	-56273697	G	$-9^8-7*6*54\wedge 3*2*1$
-54363248	P	$-(9^8+(7-65)\wedge 4+32)+1$	-56280004	P	$-(9*-8*7+6-(-5*4)\wedge 3)\wedge 2*1$
-54363250	P	$-(9^8+(7-65)\wedge 4+32)-1$	-56325025	P	$-(98*76+5+4+3)\wedge 2*1$
-54386672	P	$-9^8-7*(-((6^5)\wedge 4+3)*2-1)$	-56355049	P	$-(98*76-5+4\wedge 3)\wedge 2*1$
-54386680	P	$-9^8-7*(-((6^5)\wedge 4+3)*2-1)$	-56471508	G	$9-8*7\wedge 6*5*4*3+2+1$
-54386756	G	$-9^8-7*((6^5)\wedge 4+3)*2-1$	-56471527	G	$((98/7)\wedge 6*5+4)*3/-2-1$
-54386764	G	$-9^8-7*((6^5)\wedge 4+3)*2-1$	-56475225	P	$-(9*(-8-7*-6*5*4+3))\wedge 2*1$
-54449641	P	$-(98*76-5-4\wedge 3)\wedge 2*1$	-56496601	P	$-(9-8\wedge 7)-6*(5\wedge (4+3*2)-1)$
-54525710	G	$(9-8\wedge 7)*(6*5-4)+3\wedge 2-1$	-56527993	P	$(9^8+7*(6*5+4))\wedge 3)*-(2-1)$
-54556804	G	$-9^8-(7+6)\wedge 5*(4+3\wedge (2+1))$	-56527994	G	$-9^8+(-7*(6*5+4))\wedge 3-2+1$
-54684151	P	$-((-9-8)-7*((65*43)\wedge 2-1)$	-56527996	G	$-9^8+(-7*(6*5+4))\wedge 3-2-1$
-54684169	P	$-(9-8)-7*((65*43)\wedge 2-1)$	-56582496	P	$-(9+8+(7-65)\wedge 4*(3+2))+1$
-54695428	G	$-9^8-7*((6*5*43)\wedge 2+1)$	-56582530	G	$-9-(8+(7-65)\wedge 4)*(3+2)-1$
-54765463	G	$-9^8+7-6*5\wedge (4+3+2)+1$	-56621805	G	$9*(-8\wedge 7-(6-54))*3+2+1$
-54765464	G	$-9^8+7-6*5\wedge (4+3+2*1)$	-56621807	G	$9*(-8\wedge 7-(6-54))*3+2-1$
-54765470	G	$-9^8+7-6*(5\wedge (4+3+2))+1$	-56622741	G	$(9*8\wedge 7-6*5*4)*-3+2+1$
-54765477	P	$-(9^8+7)-6*5\wedge (4+3+2)+1$	-56624748	G	$9*(-8\wedge 7-(65-4))*3+2+1$
-54765478	P	$-(9^8+7)-6*5\wedge (4+3*2)-1$	-56624750	G	$9*(-8\wedge 7-(65-4))*3+2-1$
-54804033	P	$-9^8-7*(6^-(5-(4+3^2)))*1$	-56625625	P	$-((-9-8*(7-6*5))*43)\wedge 2*1$
-54872097	G	$-98-(76*5)\wedge (4-3+2)+1$	-56640676	P	$-((9^8+7)*6+(-5*4)\wedge 3)\wedge 2*1$
-54921645	G	$-9^8-76*(5\wedge (4+3)*2-1)$	-56646441	P	$-(9/8^7+6\wedge 5+4)*3+2+1$
-54921720	G	$-9^8-76*5\wedge (4+3)*2+1$	-56670783	P	$-((-9+87*65)\wedge 4/3)\wedge 2+1$
-54921721	G	$-9^8-76*5\wedge (4+3)*2*1$	-56690990	G	$-9-(8+7)\wedge 6*5+4\wedge (3^2*1)$
-54927968	P	$-(9^8-(-(7+6)\wedge 5+4)*32)+1$	-56715961	P	$-((-9-8)*(-7*65+4*3))\wedge 2*1$
-54994260	G	$(9^8-7*(6\wedge (5+4)-3))*2*1$	-56718555	P	$-9^8-7*(-6-5\wedge (4+3+2))-1$
-54994296	G	$(9^8-7*6\wedge (5+4)+3)*2*1$	-56718639	G	$-9^8-7*(6+5\wedge (4+3+2))-1$
-54994308	G	$(9^8-7*6\wedge (5+4)-3)*2*1$	-56784562	P	$-9^8+(7+6)\wedge 5*(-(4+32)-1)$
-54994344	G	$(9^8-7*(6\wedge (5+4)+3))*2*1$	-56795286	P	$(9^8+7*(6\wedge (5+4)-3))/-(2*1)$
-55013757	G	$-9^8-76*(54\wedge 3-2-1)$	-56795295	P	$(9^8+7/6\wedge (-5-4)-3)/-(2*1)$
-55013982	G	$-9^8-76/54\wedge (-3+2)+1$	-56795298	G	$(9^8+7*6\wedge (5+4)+3)/(-2*1)$
-55013983	G	$-9^8-76/54\wedge -3+2*1$	-56795307	P	$(9^8+7*(6\wedge (5+4)+3))/-(2*1)$
-55013987	P	$-(9^8+76*54\wedge 3+2)*1$	-56796493	P	$-(9+(8-(76+5))\wedge 4-3)*2+1$
-55014061	P	$-9^8-76*(-(-54\wedge 3-2)-1)$	-56825664	P	$-(9^8)-((7-65)/4\wedge -3)\wedge 2+1$
-55050257	G	$-9-8-7*6*5*4\wedge (3^2*1)$	-56949075	P	$-(9+(8+7)\wedge 6)*5+4\wedge (3^2)-1$
-55050312	G	$-9*8-7*6*5*4\wedge (3^2*1)$	-56952147	P	$-(9+(8+7)\wedge 6)*5+4\wedge (3+2)-1$
-55050338	G	$-98-7*6*5*4\wedge (3^2*1)$	-56952991	G	$-9+(8+7)\wedge 6*-5+(4*3)\wedge 2-1$
-55142708	P	$-9^8-7*(-((6*5*4)\wedge 3+2)-1)$	-56953027	P	$-(9+(8+7)\wedge 6)*5+(4*3)\wedge 2-1$
-55142720	G	$-9^8-(7*(6*5*4)\wedge 3-2)-1$	-56987401	P	$-(98*(76-(-5+4))\wedge 3)\wedge 2*1$
-55142724	G	$-9^8-7*(6*5*4)\wedge 3-2-1$	-57032703	P	$-((-9-87*65)*4/3)\wedge 2+1$
-55142736	G	$-9^8-7*((6*5*4)\wedge 3+2)-1$	-57086723	P	$-(9^8-7+(6*5\wedge 4-3)\wedge 2)*1$
-55240492	G	$(-9+8-76)\wedge 5/(4+3)\wedge 2+1$	-57138481	P	$-(98-7654-3)\wedge 2*1$
-55240494	G	$(-9+8-76)\wedge 5/(4+3)\wedge 2-1$	-57147400	P	$-9-8\wedge 7*(6-5/4-32)+1$
-55413136	P	$-(98*76-5+4-3)\wedge 2*1$	-57176532	G	$(98-7\wedge 6*54)*3\wedge 2*1$
-55430379	G	$-9^8-7*6*(54\wedge 3*2*1)$	-57177261	G	$(9+8-7\wedge 6*54)*3\wedge 2*1$
-55430386	G	$-9^8-7*(6/54\wedge -2+1)$	-57177513	G	$-98-7\wedge 6*54*3\wedge 2-1$
-55447648	P	$-9^8+7*(-(6+5)\wedge (4*3/2)*1)$	-57177567	P	$-(9+8+7\wedge 6*54)*3\wedge (2*1)$
-55447655	P	$-9^8+7*(-(6+5)\wedge (4*3/2)-1)$	-57178296	P	$-(98+7\wedge 6*54)*3\wedge (2*1)$
-55502500	P	$-(98*76-5+4+3)\wedge 2*1$	-57181309	G	$9*(-8-7\wedge 6)*54-3^2-1$
-55517401	P	$-(98*76-(-5+4)*3)\wedge 2*1$	-57215278	G	$-9-(8+7)\wedge 6*5-4\wedge (3^2*1)$
-55529798	P	$-((9-8*7\wedge 6)*(5-4\wedge 3)+2)+1$	-57385866	G	$98*-7\wedge 6*5+4\wedge (3^2*1)$
-55552499	G	$9876*5\wedge 4/-3\wedge -2+1$	-57411602	P	$-(9^8-(7-6\wedge 5)*43\wedge 2)*1$
-55562115	P	$-(98*76+5+4-3)\wedge 2+1$	-57426084	P	$-(9+87\wedge (6-5+4-3))\wedge 2*1$
-55562117	P	$-(98*76+5+4-3)\wedge 2-1$	-57429705	G	$-9^8+(-7-6\wedge 5)*(43\wedge 2-1)$
-55577025	P	$-(98*76-5+4*3)\wedge 2*1$	-57432314	P	$-(9^8-7)-6\wedge 5*(43\wedge 2+1)$
-55640055	G	$9-8\wedge 7*(6+5\wedge 4/32+1)$	-57592921	P	$-(98*7*(-6+5)-43)\wedge 2*1$
-55649034	G	$-9-8\wedge 7-65\wedge 4*3+2*1$	-57605673	G	$-98*(7\wedge 6*5-432)+1$
-55649036	G	$-9-8\wedge 7-65\wedge 4*3\wedge (2-1)$	-57605675	G	$-98*(7\wedge 6*5-432)-1$
-55649038	G	$-9-8\wedge 7-65\wedge 4*3-2*1$	-57635465	G	$-98*(7\wedge 6*5-4*32)+1$
-55651599	P	$-(98*76+5+4+3)\wedge 2+1$	-57635467	G	$-98*(7\wedge 6*5-4*32)-1$
-55651601	P	$-(98*76+5+4+3)\wedge 2-1$	-57643914	G	$98*7\wedge 6*-5+4\wedge (3^2)*1$

-57646161	G	$98^* - 7^6 * 5 + 43^2 * 1$	-58844241	P	$-(98+7-6^6 * 5(4-3))^2 * 1$
-57646986	G	$98^* - 7^6 * 5 + 4^3(3^2 - 1)$	-58874928	P	$-(9+87-6^6 * 5 + 4 + 3)^2 + 1$
-57647578	G	$98^* - 7^6 * 5 + 432^* 1$	-58874930	P	$-(9+87-6^6 * 5 + 4 + 3)^2 - 1$
-57647865	G	$98^* - 7^6 * 5 + (4^* 3)^2 + 1$	-58913937	G	$-9^8 + (-7+6^5 * 4)^*(3^2 - 2 - 1)$
-57647866	G	$98^* - 7^6 * 5 + (4^* 3)^2 * 1$	-58951683	P	$-(98-7-6^6 * 5 + 4 + 3)^2 + 1$
-57647878	G	$98^* - 7^6 * 5 + 4^*(32+1)$	-58951685	P	$-(98-7-6^6 * 5 + 4 + 3)^2 - 1$
-57647882	G	$98^* - 7^6 * 5 + 4^* 32^* 1$	-59012319	P	$-(9^8 + (7+6)^6 * 5^4 * 3) + 2 - 1$
-57647883	G	$98^* - 7^6 * 5 + 4^* 32 - 1$	-59028488	P	$-(98+7-6^6 * 5 - 4^* 3)^2 + 1$
-57647946	G	$(98^* - 7^6 * 5 + 4^3) / (2 - 1)$	-59028490	P	$-(98+7-6^6 * 5 - 4^* 3)^2 - 1$
-57647961	G	$98^* - 7^6 * 5 + (4+3)^2(2^* 1)$	-59043855	P	$-(98-7-6^6 * 5 + 4 - 3)^2 + 1$
-57647967	G	$98^* - 7^6 * 5 + 43^2(2 - 1)$	-59043857	P	$-(98-7-6^6 * 5 + 4 - 3)^2 - 1$
-57647974	G	$98^* - 7^6 * 5 + 4^* 3^2(2^* 1)$	-59074597	P	$-(9-8^* 7 + 6^5 * 4)^2 - 1$
-57647998	G	$98^* - 7^6 * 5 + 4^* 3^2(2 - 1)$	-59151481	P	$-(9-87+6^6 * 5 - 4 - 3)^2 * 1$
-57648003	G	$98^* - 7^6 * 5 + (4+3)^2(2 - 1)$	-59197636	P	$-(9^* (-8+7^6) + (5^* 4)^3)^2 * 1$
-57648017	G	$98^* - 7^6 * 5 - (4+3)^2(2 - 1)$	-59206456	G	$(9/8-7)^6 * 6^5(5+4)+3^2-1$
-57648053	G	$98^* - 7^6 * 5 - 43^2(2 - 1)$	-59213025	P	$-(9^* (-8-7)^*(6+54-3))^2 * 1$
-57648059	G	$98^* - 7^6 * 5 - (4+3)^2(2^* 1)$	-59228415	P	$-(9^* 8 + 7 - 6^6 * 5 + 4 - 3)^2 + 1$
-57648138	G	$98^* - 7^6 * 5 - 4^*(32^* 1)$	-59228417	P	$-(9^* 8 + 7 - 6^6 * 5 + 4 - 3)^2 - 1$
-57648142	G	$98^* - 7^6 * 5 - 4^*(32+1)$	-59290001	P	$-((-9-8)^* 7 + 6^6 * 5 + 43)^2 - 1$
-57648401	G	$-98^*(7^6 * 5 + 4)^3(2 - 1) + 1$	-59294877	G	$9^* 8^* (-7^6(6+5-4)+3)+2+1$
-57648403	G	$-98^*(7^6 * 5 + 4)^3(2 - 1) - 1$	-59294879	G	$9^* 8^* (-7^6(6+5-4)+3)+2-1$
-57648442	G	$98^* - 7^6 * 5 - 432^* 1$	-59294881	G	$9^* 8^* (-7^6(6+5-4)+3)-2+1$
-57648443	G	$98^* - 7^6 * 5 - 432 - 1$	-59294883	G	$9^* 8^* (-7^6(6+5-4)+3)-2-1$
-57649034	G	$98^* - 7^6 * 5 - 4^3(3+2^* 1)$	-59295807	G	$-9^8 - 7^6 * 5^*((-5^4 + 3)^2 - 1)$
-57649088	G	$-98^*(7^6 * 5 + 4^3 - 2 + 1)$	-59383124	G	$-9^8 + (7^* - 6)^6 * 5^4 / 32 + 1$
-57649480	G	$-98^*(7^6 * 5 + 4^3 + 2 + 1)$	-59475010	G	$-9-8^* 7 - (6^6 * 5 - 4^3)^2 - 1$
-57649859	G	$98^* - 7^6 * 5 - 43^2 * 1$	-59598399	P	$-(9-8+7+6^6 * 5 - 4^3)^2 + 1$
-57652106	G	$98^* - 7^6 * 5 - 4^3(3+2+1)$	-59598401	P	$-(9-8+7+6^6 * 5 - 4^3)^2 - 1$
-57660456	G	$-98^*(7^6 * 5 + 4^3 - 2 - 1)$	-59610807	G	$-9^8 - 7^6 * 5^*((5^4 + 3)^2 - 1)$
-57660652	G	$-98^*(7^6 * 5 + 4^3 - 2 + 1)$	-59640882	G	$(9^8 + (76-5)^4 * 3) / (-2^* 1)$
-57685762	P	$-(9^8 + (7^6 * 5)^4 * 3)^2 + 1$	-59644729	P	$-(9^8 + 7654 - 3)^2 * 1$
-57685766	P	$-(9^8 + (7^6 * 5)^4 * 3 + 2)^* 1$	-59737441	P	$-(9^8 + 7654 + 3)^2 * 1$
-57690345	G	$-98^*(7^6 * 5 + 432) + 1$	-59783824	P	$-((9-8)^7 - 6^6 * 5 + 43)^2 * 1$
-57690347	G	$-98^*(7^6 * 5 + 432) - 1$	-59848523	G	$-9^8 - ((7+6-5)^4 + 3)^2 - 1$
-57702146	P	$-(9-8^7 + (-6^6 * 5 + 43)^2)^* 1$	-59870528	G	$-9^8 + 7^6 * 5^*((-5+4+3)^2 + 1)$
-57730232	P	$-((-9^8 - 7) - 6^6(5+4)^*(3^2 + 1))$	-59938564	P	$-(98^*(7+6^5+4+3))^2 * 1$
-57752846	G	$-9^8 - 7^6 / (5^4 - 4^*(3+2^* 1))$	-59954049	P	$-(9+8-7+6^6 * 5 - 43)^2 * 1$
-57790404	P	$-((-9+8 - (7+6))^* 543)^2 * 1$	-59972904	G	$-9+(8-(7+6^6 * 5)^4)^* 32+1$
-57881664	P	$-(9^8 * (-7+6^6 * 5^4) / 3)^2 * 1$	-60016009	P	$-(98/7+6^6 * 5 - 43)^2 * 1$
-57972997	P	$-((-9-8)^* 7 + 6^6 * 5 - 43)^2 - 1$	-60056706	G	$-9^8 - 7^*((6^6 * 5)^4 * 3 - 2) + 1$
-58163258	P	$-(9^8 - 7) - 6^6(5+4)^*(3/2^* 1)$	-60056736	G	$-9^8 - 7^*((6^6 * 5)^4 * 3 + 2) - 1$
-58163272	G	$-9^8 - 7 - 6^6(5+4)^*(3/2^* 1)$	-60086074	G	$-9^8 + 7 - 65^4 * 4^3(3^2 * 1)$
-58182554	P	$-(9-8^7) - (6^6 * 5 - 4^3)^2 - 1$	-60086088	P	$-(9^8 + 7) - 65^4 * 4^3(3^2 * 1)$
-58277956	P	$-(9+8-7654+3)^2 * 1$	-60124517	P	$-(9+8^* 7 - 6^6 * 5 - 43)^2 - 1$
-58320471	G	$9^* 8^*(-7 - (6^6 * 5)^4) + 32 + 1$	-60126199	P	$-9^8 + (7+6)^6 * 5^*((-43+2) - 1)$
-58320473	G	$9^* 8^*(-7 - (6^6 * 5)^4) + 32 - 1$	-60184251	G	$-98^*(76+5+4)^3 - 2 + 1$
-58320480	G	$9^*(-8^*(7+(6^6 * 5)^4) + 3) - 2 - 1$	-60184253	G	$-98^*(76+5+4)^3 - 2 - 1$
-58425136	G	$(9+(8+76-5)^4)^* 3/2 - 1$	-60236248	P	$-(98/7)^6(6+5)/4^3 32^* 1$
-58430736	P	$-(98^*(76-(5-(4+3))))^2 * 1$	-60279707	G	$-9-(8-7+(6^6 * 5 - 4^3)^2) - 1$
-58555802	P	$-(9-8^7) - (6^6 * 5 + 4^3)^2 - 1$	-60279721	P	$-(9+8+7) - (6^6 * 5 - 4^3)^2 - 1$
-58568409	P	$-(9^*(8+7)+6^6 * 5 + 4^3)^2 * 1$	-60352314	P	$-(9^8 - 7 + (65^4 * 3)^2)^* 1$
-58593632	G	$(9+8)^* 7 - 6^6 * 5^4(4+3^2) - 1$	-60352327	G	$-9^8 - 7 - (65^4 * 3)^2 + 1$
-58593666	P	$-(9-87) - 6^*(5^4(4+3^2) - 1)$	-60352328	G	$-9^8 - 7 - (65^4 * 3)^2 * 1$
-58593697	P	$-(9-8^7) - 6^*(5^4(4+3^2) - 1)$	-60450620	G	$-9+8+7 - (6^6 * 5 - 4 + 3)^2 - 1$
-58593754	P	$-(9+8-7) - 6^*(5^4(4+3^2) - 1)$	-60466054	G	$9+(8^* 7 - 6^6(5+4)^3)^* 2 + 1$
-58593835	P	$-(9+8+7) - 6^*(5^4(4+3^2) + 1)$	-60481724	G	$-9+8+7 - (6^6 * 5 - 4 + 3)^2 - 1$
-58594437	G	$-98^* 7 - 6^6 * 5^4(4+3^2) - 1$	-60530353	G	$-9^8 + (-7^6 * 5^4 + 4)^3 * (2^* 1)$
-58594442	G	$-98^* 7 - 6^6 * 5^4(4+3^2) + 1$	-60622714	P	$-9^8 + 7 + (65^4)^3 * (-2 - 1)$
-58594534	G	$-9^* 87 - 6^6 * 5^4(4+3^2) - 1$	-60622728	P	$(9^8 + 7 + (65^4)^3) / (-2 - 1)$
-58594539	G	$-9^* 87 - 6^6 * 5^4(4+3^2) + 1$	-60623240	P	$-(9^8 - (-7^6(6+5)^4(4+3)/2)^* 1)$
-58641027	P	$-9^8 + (7+6)^6 * 5^*((-43-2) - 1)$	-60652939	G	$-9+8+7 - (6^6 * 5 + 4^3)^2 - 1$
-58719649	G	$-9-8^* 7^*(6+5-4^4(3^2+1))$	-60652955	G	$-9-(8-7+(6^6 * 5 + 4^3)^2) - 1$
-58720881	G	$-9-8^* 7^*(6+5+4^4(3^2+1))$	-60652969	P	$-(9+8+7) - (6^6 * 5 + 4^3)^2 - 1$
-58722084	G	$-9+(8^7+65)^*(4-32)+1$	-60690905	P	$-(9+8^7) - 6^*(5^4(4+3^2) - 1)$
-58723905	G	$-9-8^* 7^*(65+4^4(3^2+1))$	-60775319	P	$-(9+((8+(7+6))^6 * 5)^4 - 3)/2 + 1$
-58736895	P	$-(98+7-6^6 * 5 + 4 + 3)^2 + 1$	-60775322	P	$-(9-((-8-(7+6))^6 * 5)^4 - 3)/2 + 1$
-58736897	P	$-(98+7-6^6 * 5 + 4 + 3)^2 - 1$	-60777616	P	$-(9^*(876-5)+43)^2 * 1$
-58786560	P	$-(98-7)/6^6 - (-5+4^3)^2 * 1$	-60808805	P	$-(9+8^* 7 + 6^6 * 5 - 43)^2 - 1$
-58798223	P	$-(9+8+7654-3)^2 + 1$	-60855601	P	$-(9+8+7+6^6 * 5 + 4 - 3)^2 * 1$
-58798225	P	$-(9+8+7654-3)^2 - 1$	-60868785	P	$-9^8 + (7+6)^6 * 5^*((-4+3)^2 + 1)$

-60897306	G	-9^8+7-65^4+32+1	-62742564	P	$-(9^8+(7*(6+5^4+3)))^2+1$
-60897315	P	$-(9^8+((7+6)*5)^4)+32-1$	-62750106	P	$-(9+8^7)-(6^5+4^3)^2-1$
-60897336	P	$(9^8-7+65^4-3)^*(-2-1)$	-62773929	P	$-(-9*(8+7)-6^5-4^3)^2+1$
-60897337	P	$-(9^8+((7+6)*5)^4)+3^(2*1)$	-62786970	P	$-(9^8+(7/(-6^5*4+3))^(2-2))*1$
-60897339	G	$(9^8-7+65^4)/-3*(2+1)$	-62869041	P	$-(9*(876+5)^(4-3))^2+1$
-60897343	P	$-(9^8+((7+6)*5)^4)+3^(2-1)$	-62880741	G	$-9^8+(-7+65^4)*(-3^2-2-1)$
-60897345	G	$(9^8+((7+6)*5)^4)*(-3+2)+1$	-62912665	P	$-((-9+8^7*6)*5-43^2)+1$
-60897349	P	$(9^8+((7+6)*5)^4+3)^*(-2-1)$	-62912980	G	$-(9-8^7)*6^5+43^2+1$
-60897350	P	$(9^8+7+65^4-3)^*(-2-1)$	-62914242	G	$(-9+8^7)*-6^5+(4+3)^2-1$
-60897355	P	$-(9^8+((7+6)*5)^4)-3^(2*1)$	-62914714	G	$-9-8^7*6^5-(4^3)^2-1$
-60897377	P	$-(9^8+((7+6)*5)^4+32)+1$	-62916624	P	$-(9*876+5+43)^2+1$
-60918025	P	$-(98/7-6^5-43)^2*1$	-62970045	G	$9^8-76*(5+4^(3^2*1))$
-60964864	P	$-(9+87+6^5-4^3)^2*1$	-62980096	P	$-(9+87+6^5+4^3)^2*1$
-60967802	G	$(9^8-7^6*5^4+3)^2*1$	-63058818	G	$-9-(-8*7^6+(5*4)^(3^2))-1$
-60967814	G	$(9^8-7^6*5^4-3)^2*1$	-63059481	P	$-(9*876+5+43)^2+1$
-61074225	P	$-(9*876-5-4^3)^2*1$	-63091249	P	$-(9*876-5+4^3)^2*1$
-61105489	P	$-(98+7+6^5-4^3)^2*1$	-63123025	P	$-(98+7+6^5+4^3)^2*1$
-61136713	P	$-(9-8^7)-(6^5+4^3)^2+1$	-63152978	P	$-(9^8)-((76*(5-4^3))^2)-1$
-61465666	G	$-9-8^7-(6^5+4^3)^2-1$	-63202094	P	$-(9^8-((7-6^5(5+4))+3)^2)-1$
-61466586	P	$-(98+7+6^5+4^3)^2+1$	-63202106	P	$-(9^8-(7-6^5(5+4)-3)^2)-1$
-61509360	G	$(9*(8+7)^6/-5+4)^3+2+1$	-63202113	P	$-(9^8+7+(6^5(5+4)-3)^2)+1$
-61515901	G	$98-7/((65^4)^-3^2)+1$	-63202120	P	$-(9^8+(7+6^5(5+4)-3)^2)+1$
-61516016	P	$-(9+8)-7*(65^4)^3/2+1$	-63202126	P	$-(9^8+7+(6^5(5+4)+3)^2)*1$
-61516105	G	$-98-7*((65^4)^3/2+1)$	-63202133	P	$-(9^8+((7+6^5(5+4))+3)^2)*1$
-61559716	P	$-(9*876+5-43)^2*1$	-63234304	P	$-((-(-9+8)+7)*6+(-5^4)^3)^2*1$
-61591103	G	$-9*((8+7^6*5)*4^3)^2+1$	-63242761	G	$-9+8^7*(-6-(-5-4^3)^2+1)$
-61591105	G	$-9*((8+7^6*5)*4^3)^2-1$	-63250209	P	$9*(-(-8*(-7-6^5)+3)^2+1)$
-61622500	P	$-(9*876-5+4^3)^2*1$	-63313849	P	$-(9-(8-7^6-(-5^4)^3))^2*1$
-61640064	G	$-9^8-(7*(6-5^4+3))^2+1$	-63584676	P	$-(9*8*(7^6/5^4-3))^2*1$
-61640065	G	$-9^8-(7*(6-5^4+3))^2*1$	-63622018	G	$-9^8-(7^6*5/(4^3))^2-1$
-61642204	P	$(9*876)^*(-5^4-(-4-3)^2)-1$	-63648181	G	$-9*8-7^6*(543-2)*1$
-61642992	P	$(9*876)^*(-5^4-(-4-3)^2-1)$	-63652447	G	$-9+(-8-7^6)^*(543-2)-1$
-61669608	P	$-(9-87-6^5+4-3)^2+1$	-63694656	P	$-(9^8)-(((76-5)/4^3)^2)+1$
-61669610	P	$-(9-87-6^5+4-3)^2-1$	-63701058	G	$-9-8*(7+6^5*4^3(3+2))-1$
-61716735	P	$-(9*8+7+6^5+4-3)^2+1$	-63710018	G	$-9+(8+(7-6^5*4)^3)^2+1$
-61716737	P	$-(9*8+7+6^5+4-3)^2-1$	-63712324	P	$-(9-(-8+7)+6+(-5^4)^3)^2*1$
-61716897	P	$(9^8+(7^6)^5/(4+3))/(-2-1)$	-63728288	P	$-(9+8/(7-6)+(-5^4)^3)^2+1$
-61788331	G	$-9^8+(7+6^5)^4*(-3^2-1)$	-63728290	P	$-(9+8/(7-6)+(-5^4)^3)^2-1$
-61858225	P	$-(9+87+6^5-4-3)^2*1$	-63840322	G	$-9^8-(76^5*4^3)^2-1$
-61921160	P	$-(98+7+6^5-4^3)^2+1$	-63844308	P	$-((-9*8-7^6)^*(543-2)+1$
-61921162	P	$-(98+7+6^5-4^3)^2-1$	-63883410	G	$(-9+8)^7*6^5*543-2-1$
-61997056	P	$(-9/(-8-7)+65)^*-4^4-(-3^2-1)$	-63888049	P	$-(-9*(876+5)-4^3)^2*1$
-61999967	P	$-((-9-8)^7*6+(5^4)^(3^2))*1$	-63904031	G	$-9+8-(-7+(6-(5^4)^3)^2)-1$
-62004036	G	$-(98-7)^*(6-(5^4+3))^2+1$	-63904126	P	$-(98-7)-(6+(-5^4)^3)^2+1$
-62013248	G	$-9^8+(7*(6-5^4))^3/2+1$	-63952008	P	$-(9+(-8+7)*6+(-5^4)^3)^2+1$
-62078640	P	$-(9+87+6^5+4+3)^2+1$	-63952010	P	$-(9+(-8+7)*6+(-5^4)^3)^2-1$
-62078642	P	$-(9+87+6^5+4+3)^2-1$	-63968004	P	$-(9-(8-7+6)+(-5^4)^3)^2*1$
-62094400	P	$-(9*876-5+4-3)^2*1$	-63989967	G	$(9*-8-7)^*(6^5)^4+32+1$
-62099142	G	$-9+((8*(-7-6)+5)^4)^3+2+1$	-63999501	P	$-(9*-8*7+6)-(5^4)^(3^2)+1$
-62099146	G	$-9+((8*(-7-6)+5)^4)^3-2+1$	-63999925	P	$-(9-(8+76))-(5^4)^(3^2*1)$
-62178605	P	$-(9^8+7)-(6*(5+4)^3)^2-1$	-64000090	P	$-(9+87)+6-(5^4)^(3^2)*1$
-62204769	P	$-(9-8^7-6^5-4^3)^2*1$	-64000093	P	$-(9+8+76+(5^4)^(3^2))*1$
-62246720	P	$-(9^8-7)-6*((5^4)^(3+2)+1)$	-64000102	P	$-(9+87+6+(5^4)^(3^2))*1$
-62246727	P	$-(9^8+7)-6*(5^4)^(3+2)+1$	-64000111	P	$-(98+7+6)-(5^4)^(3^2*1)$
-62246728	P	$-(9^8+7)-6*(5^4)^(3+2)*1$	-64000243	P	$-9^8-((-8-7)/6)-(5^4)^(3^2)*1$
-62252099	P	$-(9*876+5+4-3)^2+1$	-64000244	P	$-9^8-((-8-7)/6)-(5^4)^(3^2)-1$
-62252101	P	$-(9*876+5+4-3)^2-1$	-64000509	P	$-(9*8*7+6)-(5^4)^(3^2)+1$
-62267881	P	$-(9*876-5+4^3)^2*1$	-64000896	G	$((-9-8)^7*6+5)/(4^3-3^2*1)$
-62353971	P	$-(9-8)+7^6*(-(5^4+3)^2-1)$	-64003776	G	$(-9-8)^*(7^6+5)/(4^3-3^2*1)$
-62353987	P	$-(9+8)+7^6*(-(5^4+3)^2-1)$	-64032004	P	$-((-98*(76+5)-4^3)^2*1$
-62371536	G	$-9^8-(7*(6-(-5^4+3)))^2+1$	-64048008	P	$-(9+(-8+7)*6-(-5^4)^3)^2+1$
-62376858	P	$-(9+8^7)-(6^5-4^3)^2-1$	-64048010	P	$-(9+(-8+7)*6-(-5^4)^3)^2-1$
-62473216	P	$-(-9*(8+7)-6^5+4+3)^2*1$	-64080025	P	$-((-9-8)^7+6-(-5^4)^3)^2*1$
-62496145	G	$-9-8*(-7+(65^4)^3)^2-1$	-64096031	G	$-9+8-(-7+(6+(5^4)^3)^2)-1$
-62520648	P	$-(9*876+5^4+3)^2+1$	-64096126	P	$-(98-7)-(6-(-5^4)^3)^2+1$
-62520650	P	$-(9*876+5^4+3)^2-1$	-64118777	G	$-9*8-7^6*(543+2)*1$
-62533897	P	$-(9^8+7+(6+5)^(4+3)-2)*1$	-64123075	G	$-9+(-8-7^6)^*(543+2)-1$
-62587401	G	$-9+8^7*(-6-(-5+4^3)^2+1)$	-64140472	P	$-(9^8+7)-6*((5^4+3)^2-1)$
-62647409	G	$-9^8+(-7^6*5-4)^3*(2*1)$	-64140479	P	$-(9^8+7)-6*(5^4+3)^2-1$
-62726400	P	$-(9*(876+5-(-4-3)))^2*1$	-64144127	G	$(9*8+7-6-5)^4*-3+(2-1)$

-64144129	P	$-(9^*8+7-6-5)^4*3-2+1$	-67768704	G	$9^*8*(7^{\wedge}6+5)/(4/-32^*1)$
-64280386	P	$-(9^{\wedge}8+((7+65)^4*3)^{\wedge}2)-1$	-67947048	P	$-(9^{\wedge}-((8-7)/6)-(-5^*4)^3)^{\wedge}2+1$
-64288324	P	$-(9-(-8+7)+6)-(-5^*4)^3)^{\wedge}2^*1$	-67963536	P	$-(9+(-8-7)*(-6-543))^{\wedge}2^*1$
-64406421	G	$(9^{\wedge}8+7^{\wedge}6*(5+4)^3)/(-2^*1)$	-68001371	G	$-9-(8-7^*(6+5))^{\wedge}4*3+2-1$
-64481211	G	$-9-((87-6)^*5-4)^3-2+1$	-68021056	P	$-9^{\wedge}8+(-(-7+65)^4)^3*2+1$
-64531441	P	$-(9/(8-7))^{\wedge}6-(5^*4)^{(3+2+1)}$	-68024486	G	$-9-(8+7+(6^*54)^3)^*2+1$
-64570072	G	$(9+8-(76+5)^{\wedge}4*3)/2+1$	-68037589	G	$-9^{\wedge}8-7^*(65^4/(3+2)-1)$
-64577296	P	$-(98*(76+5+4-3))^{\wedge}2^*1$	-68130857	P	$-9^{\wedge}8+7^*((-(-6-5^*4)^3)^{\wedge}2+1)$
-64689849	P	$-(9-(8-7^*6+(-5^*4)^3))^{\wedge}2^*1$	-68211081	P	$-((9+8/7^{\wedge}-(-6+5+4)^3)^{\wedge}2^*1$
-64770304	P	$-((-(-9+8)+7)^6-(-5^*4)^3)^{\wedge}2^*1$	-68269802	G	$-987*(65^*4+3)^{\wedge}2+1$
-64802500	P	$-(-9^*8-((-7-6)^5*4+3))^{\wedge}2^*1$	-68359351	P	$-(9+8)-7^*(6-5^{\wedge}(4+3^*2))-1$
-64941202	G	$-9-8^*7^6-(5^*4)^{(3^*2)}-1$	-68359411	P	$-(9-8)-7^*(6+5^{\wedge}(4+3^*2))-1$
-64963600	P	$-((-(-9-8+7)^6+(-5^*4)^3)^{\wedge}2^*1$	-68359427	P	$-(9+8)-7^*(6+5^{\wedge}(4+3^*2))-1$
-64979721	P	$-(-9^*(876+5^*4)+3)^{\wedge}2^*1$	-68359435	P	$-(9+8)-7^*(6+5^{\wedge}(4+3^*2))-1$
-64991159	P	$(-9+8^{\wedge}7-654)^*(-32-1)$	-68359438	G	$-98+7^*(6-5^{\wedge}(4+3^*2))-1$
-65031282	P	$-9+(8^{\wedge}7+6+5^{\wedge}4)^*(-32-1)$	-68359522	G	$-98-7^*(6+5^{\wedge}(4+3^*2)+1)$
-65157184	P	$-(9-(87-6+(5^*4)^3))^{\wedge}2^*1$	-68437346	P	$-(9^{\wedge}8+(7+6)/5^{\wedge}(-4-(3+2)))^*1$
-65173329	P	$9^*-((8^*7*(6-54)-3)^{\wedge}2^*1)$	-68437359	G	$-9^{\wedge}8+(-7-6)^*(5^{\wedge}(4+3+2)+1)$
-65237929	P	$-(9-(8-76-(5^*4)^3))^{\wedge}2^*1$	-68437510	G	$-9-876^*5^{\wedge}(4+3)-2+1$
-65367201	G	$-9^{\wedge}8-7^6*((5+4)^{(3^*2)}-1)$	-68439262	G	$-9-876^*(5^{\wedge}(4+3)+2)-1$
-65367236	G	$-9^{\wedge}8-7^*(6*(5+4)^{(3^*2)}-1)$	-68440137	G	$-9-876^*(5^{\wedge}(4+3)+2+1)$
-65455246	G	$-9^{\wedge}8-76^*543^{\wedge}2-1$	-68458433	P	$-(9^{\wedge}8+(76-5)^{\wedge}4+32)+1$
-65455321	G	$-9^{\wedge}8+76^*(-543^{\wedge}2-1)$	-68458435	P	$-(9^{\wedge}8+(76-5)^{\wedge}4+32)-1$
-65561409	P	$-(98-(7-6-(5^*4)^3))^{\wedge}2^*1$	-68574951	P	$-(98-7^*(6-5))^{\wedge}4+3^*2+1$
-65634369	G	$-9^{\wedge}8-(-7^{\wedge}6+5)/-4^{\wedge}-3^*(2+1)$	-68574965	P	$-((98-7^*(6-5))^{\wedge}4+3+2)+1$
-65636289	G	$-9^{\wedge}8+(7^{\wedge}6+5)/-4^{\wedge}-3^*(2+1)$	-68660443	P	$-(9^{\wedge}8+(7^*(6-(5+4)^3))^{\wedge}2)-1$
-66080641	P	$-(9-8+(-7-6)^*-5^{\wedge}4+3)^{\wedge}2^*1$	-68851528	G	$-9^{\wedge}8-7^*((6^*5/4^{\wedge}-3)^{\wedge}2+1)$
-66389903	P	$-((-9+8^*765)^4/3)^{\wedge}2+1$	-68966496	G	$-9^{\wedge}8-(-7+(6^*5)^{\wedge}4)^*32+1$
-66552964	P	$-((-9^*8-(-7-6)^*(-5^{\wedge}4+3))^{\wedge}2^*1$	-68966714	P	$-9^{\wedge}8+7+(6^*5)^{\wedge}4^*-32^*1$
-66561332	P	$-9^{\wedge}8-7^*-(-6^{\wedge}(5+4)/3+2)-1$	-68966729	P	$-(9^{\wedge}8+7)-(6^*5)^{\wedge}4^*32-1$
-66561352	G	$-9^{\wedge}8-7^*(6^{\wedge}5^*432+1)$	-68966944	G	$-9^{\wedge}8+(-7-(6^*5)^{\wedge}4)^*32+1$
-66561360	G	$-9-8-7^*(6^{\wedge}(5+4)/3+2)-1$	-69121986	G	$-9-8/7^*(6^{\wedge}5+4-3)^{\wedge}2-1$
-66584586	G	$-9+8^7*((6-5)/4-32)-1$	-69174696	G	$(98^*(-7^{\wedge}6+5)-4)^*3^*2^*1$
-66724353	P	$-9+8^*(-(76*(5-43))^{\wedge}2+1)$	-69177288	G	$(98^*-7^{\wedge}6+54)^*3^*2^*1$
-66724363	P	$-(9+(87-(6+5))^{\wedge}4-3)^*2+1$	-69177289	G	$(98^*-7^{\wedge}6+54)^*3^*2-1$
-66724424	G	$-9-8-76^{\wedge}(5-4+3)^*2^*1$	-69177935	G	$(98^*7^{\wedge}6+54)^*-3^*2+1$
-66724450	G	$-98-76^{\wedge}(5-4+3)^*2^*1$	-69177936	G	$(98^*7^{\wedge}6+54)^*-3^*2^*1$
-66781583	P	$-((-9-8^*765)^4/3)^{\wedge}2+1$	-69177936	G	$(98^*7^{\wedge}6+54)^*-3^*2^*1$
-66981249	G	$-9^{\wedge}8-76/54^{\wedge}-3^*2^*1$	-69180528	G	$(98^*(-7^{\wedge}6-5)+4)^*3^*2^*1$
-66981325	G	$-9-8-76^{\wedge}(54^3*2+1)$	-69206224	P	$-(9+(8^7+6)^*(5-(4-32)))^*1$
-67088223	P	$-((-(-9-8^{\wedge}7)-654)^*32+1$	-69208170	G	$-9-(8^{\wedge}7+65)^*(4^3/2+1)$
-67106666	G	$-9-(8^{\wedge}7-65-4)^*32-1$	-69269871	G	$(9-8^{\wedge}7-6^{\wedge}5/4)^*(32+1)$
-67106922	G	$-9-(8^{\wedge}7-65+4)^*32-1$	-69419089	P	$-9^{\wedge}8+7^*(-(-6^{\wedge}5/4+3)^{\wedge}2-1)$
-67106954	G	$-9-(8^{\wedge}7-6-54)^*32-1$	-69419095	P	$-9^{\wedge}8+7^*(-(-6^{\wedge}5/4+3)^{\wedge}2-1)$
-67107199	P	$(-9+8^{\wedge}7-65-4)^*32+1$	-69517747	G	$-9^{\wedge}8-(7^*(6+(5+4)^3))^{\wedge}2-1$
-67107338	G	$-9-(8^{\wedge}7+(6-54))^*32-1$	-69582385	P	$-9^{\wedge}8+7^*(-(6^{\wedge}5/4+3)^{\wedge}2-1)$
-67109032	P	$-(9+(8^{\wedge}7+(6-(5-4)))^*32)+1$	-69582391	P	$-9^{\wedge}8+7^*(-(6^{\wedge}5/4+3)^{\wedge}2-1)$
-67109834	G	$-9+(-8^{\wedge}7-6^*5)/(4^{\wedge}-3^*2)-1$	-69822647	G	$-9^{\wedge}8+(-7+65^{\wedge}4)^*-3/2+1$
-67110410	G	$-9-(8^{\wedge}7-6+54)^*32-1$	-69822668	G	$-9^{\wedge}8+(-7-65^{\wedge}4)^*3/2+1$
-67110687	P	$(-9+8^{\wedge}7-6)-54)^*32+1$	-69870594	G	$-9-8/7^*(6^{\wedge}5+43)^{\wedge}2-1$
-67110794	G	$-9-(8^{\wedge}7+(6+54))^*32-1$	-69920608	P	$-(9^{\wedge}8+(7+65)^{\wedge}4+32)+1$
-67110826	G	$-9-(8^{\wedge}7+(65-4))^*32-1$	-69920610	P	$-(9^{\wedge}8+(7+65)^{\wedge}4+32)-1$
-67110872	G	$(-9+(8^{\wedge}7+65)^4)*(-3^{\wedge}2+1)$	-69992836	G	$-9^{\wedge}8-7^*((65^4*3)^{\wedge}2+1)$
-67111073	P	$(-9+(8^{\wedge}7+6))-54)^*32-1$	-70121610	G	$-9-8^{\wedge}7+(6^*-54)^3*2-1$
-67111082	G	$-9-(8^{\wedge}7+(65+4))^*32-1$	-70469227	G	$-9-87^*((6^*5)^{\wedge}4-3^{\wedge}2)-1$
-67128680	G	$-9-(8^{\wedge}7-6+5^{\wedge}4)^*32+1$	-70470002	G	$-9-87^*(6^*5)^{\wedge}4-3^*2+1$
-67185857	P	$-9^{\wedge}8+7^*(-((-6+5^{\wedge}4)^3)^{\wedge}2+1)$	-70470011	G	$-9-87^*(6^*5)^{\wedge}4-3+2-1$
-67238721	G	$-9^{\wedge}8-7^*(6^*5^*4)^3*2^*1$	-70470013	G	$-9-87^*(6^*5)^{\wedge}4-(3+2-1)$
-67238728	G	$-9^{\wedge}8-7^*((6^*5^*4)^3*2+1)$	-70470019	G	$-9-87^*(6^*5)^{\wedge}4-3^{\wedge}2-1$
-67240000	P	$-((-9^*8+(-7-6)/5^{\wedge}-4)+3)^{\wedge}2^*1$	-70470040	G	$-9-87/(6^*5)^{\wedge}4-32+1$
-67305616	P	$-((-9^*876-5/4^{\wedge}-3)^{\wedge}2^*1$	-70526404	P	$-(98^*7+6^{\wedge}5-4^{\wedge}3)^{\wedge}2^*1$
-67322025	P	$-((-9+8/7^{\wedge}-(-6+5+4)^3)^{\wedge}2^*1$	-70543987	G	$-9^*8-7^*(6^{\wedge}(5+4)+3^*2)-1$
-67331906	P	$-(9^{\wedge}8+(7^*(-6-5)^4*3)^{\wedge}2)-1$	-70544001	G	$-98-7^*6^{\wedge}(5+4)-32+1$
-67346727	P	$-(9^{\wedge}8+7)-(6^*5)^{\wedge}(4+3-2)+1$	-70544003	G	$-98-7^*6^{\wedge}(5+4)-32-1$
-67445127	P	$-9^{\wedge}8+(7^*6+5)^{\wedge}4^*(-3+2)-1$	-70544008	G	$-9^{\wedge}8-7^*(6^{\wedge}(5+4)+3^{\wedge}2)-1$
-67568400	P	$-(98-((-7-6)^5*4+3))^{\wedge}2^*1$	-70544034	G	$-98-7^*(6^{\wedge}(5+4)+3^{\wedge}2)-1$
-67656053	P	$-9^{\wedge}8-7^*(-(6-(5^{\wedge}4*3)^{\wedge}2)+1)$	-70544104	G	$-9+8-7^*(6^{\wedge}(5+4)+32+1)$
-67656061	P	$-9^{\wedge}8-7^*(-(6-(5^{\wedge}4*3)^{\wedge}2)+1)$	-70544112	P	$-(9+8+7^*(6^{\wedge}(5+4)+32))^*1$
-67656137	G	$-9^{\wedge}8-7^*(6+(5^{\wedge}4*3)^{\wedge}2)+1$	-70544120	G	$-9-8-7^*(6^{\wedge}(5+4)+32+1)$
-67656145	G	$-9^{\wedge}8-7^*(6+(5^{\wedge}4*3)^{\wedge}2)+1$	-70544175	G	$-9^*8-7^*(6^{\wedge}(5+4)+32+1)$
			-70544195	G	$-98-7^*(6^{\wedge}(5+4)+32)-1$

-70544201	G	$-98-7*(6^{(5+4)}+32+1)$	-75493730	G	$-9+(8^7*6-5^4)*-3^2+1$
-70546257	P	$-(9^8)-((76*(5+4^3))^2)*1$	-75497506	G	$-9*(8^7+6-5)^4+(3-2)+1$
-70546258	P	$-(9^8)-((76*(5+4^3))^2)*1$	-75497563	G	$-9*((8^7+6-5)^4+3^2)*-1$
-70579089	P	$-9+(-(8*(7+6)+5)^4+3)/2-1$	-75497570	G	$-98-(7+65)^4*(3^2+1)$
-70579092	G	$-9-((8*(7+6)+5)^4+3)/2-1$	-75497844	P	$9*(-(8^7+6+5)^4+3)-(2+1)$
-70812225	P	$-(9*(876-5+4^3))^2*1$	-75501230	G	$-9+(8^7*6+5^4)*-3^2+1$
-71302837	G	$-9+(-8+76)*(5-4^(3^2+1))$	-75528566	P	$-(9*8^7+6^5)^4+3^2+1$
-71302854	G	$-(9-8^7)*(6^5+4)+3^2-1$	-75528580	G	$(9/8^7-7+6^5)*-4-(3+2)+1$
-71396714	G	$-9^8-7*((6^5)^4*(3+2)-1)$	-75550863	P	$-(9-8765+4^3)^2+1$
-71402553	G	$-9-8*(7+(65^4-3)/2)*1$	-75550865	P	$-(9-8765+4^3)^2-1$
-71402577	G	$-9-8*(7+(65^4+3)/2)*1$	-75727062	G	$(9^8+7*6^5(5+4))/(-3/2*1)$
-71487025	P	$-(-98*7-6^5+4+3)^2*1$	-75759616	P	$(9-8^7)^6*(5+4^3)^2*1$
-71487026	P	$-(-98*7-6^5+4+3)^2-1$	-75829264	P	$-(98/7*(6-(5^4+3)))^2*1$
-71529536	P	$-(98/7)^6-(5^4)^(3^2)*1$	-75831551	G	$9*8*(7^6-5^4)/-3^2-2+1$
-71529537	P	$-(98/7)^6-(5^4)^(3^2)-1$	-75831553	G	$9*8*(7^6-5^4)/-3^2-2-1$
-71673156	P	$-((-9-8)*(7^6+5+43))^2*1$	-75866136	P	$-(9+(8+(7*(-6+54)))^3)*2)+1$
-72029997	G	$(9-8-(76-5))^4*-3+2+1$	-76143076	P	$-((9*8-7*6^5*5^4)/3)^2*1$
-72029999	G	$(9-8-(76-5))^4*-3+2-1$	-76201560	P	$9*8*(7^6-5^4)/(-3^2-2*1)$
-72165025	P	$-(9*87+6^5-4^3)^2*1$	-76223592	G	$9*8*(7^6-5^4)/(-3^2-2*1)$
-72218760	G	$-9+(-8^7-6^5+4^3)^2+1$	-76230720	G	$9*8*(7^6-5^4)/(-3^2-2*1)$
-72264831	G	$-9^8+7*(6-5)^4)^3+2*1$	-76230927	P	$-(9*8^7+6^5-4^3)*3^2(2*1)$
-72426241	G	$9*-8^7-65^4*3+2*1$	-76234176	G	$-9*8*(7^6*(5+4)-32-1)$
-72426243	G	$9*-8^7-65^4*3^2(2-1)$	-76234320	G	$-9*8*(7^6*(5+4)-32+1)$
-72426245	G	$9*-8^7-65^4*3-2*1$	-76236066	P	$-(9*8^7+6^5-4^3)*3^2(2*1)$
-72449906	P	$-(9^8+76*(5^4-3)^2)-1$	-76236120	G	$-9*8*(7^6*(5+4)-(3+2)-1)$
-72449981	P	$-9^8+76*(-(5^4+3)^2-1)$	-76236984	G	$-9*8*(7^6*(5+4)+3+2+1)$
-72529374	G	$-9+(8-(7+6^5+4^3)^2)+1$	-76237038	P	$-(9*8^7+6^5+4^3)*3^2(2*1)$
-72692676	P	$-(98*7+6^5+4^3)^2*1$	-76237200	G	$9*8*(7^6+5-4)/(-3^2-2*1)$
-72858322	G	$-9^8-(7*65^4*3)^2-1$	-76238784	G	$-9*8*(7^6*(5+4)+32-1)$
-73019981	P	$-9^8+76*(-(5^4+3)^2-1)$	-76238928	G	$-9*8*(7^6*(5+4)+32+1)$
-73136704	P	$-(-9*87-6^5+4+3)^2*1$	-76242177	P	$-(9*8^7+6^5+4^3)*3^2(2*1)$
-73136705	P	$-(-9*87-6^5+4+3)^2-1$	-76247824	P	$-(9*(-8-7)^6+5+43)^2*1$
-73172708	G	$-9+(-8+7^6)*(-5^4+3)+2+1$	-76249512	G	$9*8*(7^6+5^4)/(-3^2-2*1)$
-73177679	P	$-((-9+8)*7^6*(-5^4+3)+2)+1$	-76271544	P	$9*8*(-7^6-5^4)/(-3^2-2*1)$
-73182660	P	$-9+(-8-7^6)*(-5^4+3)+2+1$	-76510009	P	$-((-9+8-(7+6))^5+4+3)^2*1$
-73279801	G	$-9^8+7-6^5(5+4)^3+2-1$	-76582922	P	$-(9+8^7*6)-(5^4)^(3^2)-1$
-73279828	P	$-(9^8+(7+6^5(5+4))^3-2)*1$	-76615008	P	$-((-9+8-(7+6))^5+4-3)^2+1$
-73469365	G	$-(98+7^6)*-5^4+3^2+1$	-76641551	G	$9*8*(-7^6-5^4)/3^2-2+1$
-73535601	G	$-9-(8+7^6)*5^4+32+1$	-76641553	G	$9*8*(-7^6-5^4)/3^2-2-1$
-73560065	P	$-9-((8-7*(65-4))^3+2)+1$	-76842756	P	$-(9*((-8-7)^6+5+4-3))^2*1$
-73575598	G	$(9*8+7^6)*-5^4+3^2(2+1)$	-76965529	P	$-(9+8765-4+3)^2*1$
-73575624	P	$(9*8+7^6)*5^4/(-3-2)+1$	-77058938	P	$-9^8+7+(6^5+4)^3*(2-1)$
-73828133	P	$-9-((-8-7)+6)^5(4^3)^2-1$	-77058944	G	$-9^8+((76-5)^4)^3+2-1$
-73874024	P	$-(9*(-8-7)*(65-4/3))^2+1$	-77058946	P	$-(9^8+((76+5)^4)^3+2)+1$
-73878554	G	$-9+(8-7^6)*(5^4+3)+2+1$	-77058952	G	$-(9^8-7-(6^5+4)^3)*(2-1)$
-73883573	P	$-(((9-8)*7)^6*(5^4+3)+2)+1$	-77066721	G	$-9^8-7*(6^5)^4*3^2*1$
-73888602	G	$-9+(-8-7^6)*(5^4+3)+2+1$	-77066728	G	$-9^8-7*((6^5)^4*3^2+1)$
-74030113	G	$(9+(8-7)*6^5)^4*-32-1$	-77158656	P	$-(9*8*(7-65-4^3))^2*1$
-74088008	G	$-9+(8*7^6*-5/4)^3+2-1$	-77299264	P	$-((-9+8-(7+6))^5(4+3))^2*1$
-74183768	G	$-9*(87*(6-(-5-4)^3))^2+1$	-77422401	P	$-(9-8765-43)^2*1$
-74183770	G	$-9*(87*(6-(-5-4)^3))^2-1$	-77446655	G	$-(9+8-(7+6))^5*(4^3)^2+1$
-74252922	P	$(9^8+(7*(6+5))^4*3)/(-2*1)$	-77616100	P	$-(9*(-8-7)^6+(5^5-4^3))^2*1$
-74301924	P	$-(-9-8)-7*((6^5+43)^2-1)$	-77739488	P	$-(9+8765+43)^2+1$
-74301942	P	$-(9-8)-7*((6^5+43)^2-1)$	-77739490	P	$-(9+8765+43)^2-1$
-74322433	P	$9/8*-((-7-6)^5+4-3)^2-1$	-77812499	G	$(9*8^7-7+6)^5*(4+3)^2+1$
-74356129	P	$-(9*87+6^5+4^3)^2*1$	-77854497	P	$-(9+8+(7*(65-4))^3)+2+1$
-74373376	P	$-(98*(76+5+4+3))^2*1$	-77948638	P	$-(9-8*(7-(6+5)^(4+3)/2))-1$
-74868545	P	$-(9^8+(-7+6^5)^4*(3^2))^*1$	-77948666	P	$-9+8*(7-(6+5)^(4-3))/2-1$
-74876314	G	$-9^8+(-7+6^5)*(-4^(3^2)-1)$	-77948748	P	$-9-8*(7+(6+5)^(4-3))/2+1$
-74889448	P	$-(9^8+7)-6^5*(4^(3^2)-1)$	-78074863	P	$-(98+7-6-5)^4+32+1$
-74918106	G	$-9^8+(-7-6^5)*(4^(3^2)-1)$	-78074865	P	$-(98+7-6-5)^4+32-1$
-74926336	P	$-(9*87*(6+5)-43)^2*1$	-78074872	P	$-(-9-8*(7^6-5^4)^4-3)^2*1$
-75203584	P	$-((9*87/6+5)/4^3-3)^2*1$	-78074900	G	$-9-(8*(7^6+5)^4-3)^2-1$
-75220930	P	$-(9/(8-76+5^4(4+3)))^2-1$	-78074927	P	$-(98+7-6-5)^4+32+1$
-75331758	P	$-(9^8*7-6-5-4)/(3+2)-1$	-78074929	P	$-((98+7-6-5)^4+32)-1$
-75390633	P	$-(9+(8+7)^6)-(5^4)^(3^2)+1$	-78074952	P	$-9+8*(-(7^6+5)^4-3)^2+1$
-75435274	G	$-9^8+(7-65^4)^3*2+1$	-78124409	G	$-9+8*(76-5^4(4+3^2)-1)$
-75446586	P	$-(-9+(8-7*6^5)*43)^2+1$	-78125114	P	$-9-8*(-(7-6-5^4(-4-3^2)))-1$
-75466358	P	$-(9*8^7-6^5)^4+3^2+1$	-78125121	G	$-9-8*(7+6+5^4(4+3^2)+1)$
-75466372	G	$(9/8^7-7-6^5)*-4-(3+2)+1$	-78125344	P	$-(9-8*(-7^6-5^4(4+3^2)))+1$

-78125625	G	$-9 \cdot 8 \cdot (76 + 5^{(4+3 \cdot 2)} + 1)$	-82954559	P	$(9+8)^* - ((7 \cdot 6 + 5)^4 - (3-2)) + 1$
-78198706	G	$-9^8 - (-7 - (-65 \cdot 4)^3) \cdot 2 + 1$	-83338641	P	$-((-9-8+765 \cdot 4)^3)^2 \cdot 1$
-78198714	P	$-9^8 + 7 + (65 \cdot 4)^3 \cdot (-2 \cdot 1)$	-83400327	P	$-(9^8 + 7^6 (6^5 - 4 + 3)) + 2 - 1$
-78198729	P	$-(9+8+7) - (65 \cdot 4)^3 \cdot 2 - 1$	-83436161	P	$-9^8 + 76^* \cdot (-5+4)^{(3 \cdot 2)} + 1$
-78198734	G	$-9^8 + (-7 + (-65 \cdot 4)^3) \cdot 2 + 1$	-83436237	P	$-9^8 + 76^* \cdot (-5+4)^{(3 \cdot 2)} \cdot 1$
-78199759	P	$((-9^8 + (7 \cdot (6+5))^4 + 3)^* - (-2+1))$	-83566945	P	$((-9-8)+7)^* - (6 \cdot (5^4 - 3))^2 - 1$
-78199766	P	$-(9^8 + (7 \cdot (6+5))^4 + 3 + 2) + 1$	-83613385	G	$(-9-87 \cdot 6)^* \cdot 54^3 - 2 + 1$
-78199770	P	$-(9^8 + (7 \cdot (6+5))^4 + 3 \cdot 2) + 1$	-83613387	G	$(-9-87 \cdot 6)^* \cdot 54^3 - 2 - 1$
-78199772	P	$-(9^8 + (7 \cdot (6+5))^4 + 3 \cdot 2) - 1$	-83885848	G	$-9 + (-8^7 + 6)^* \cdot 5/4 \cdot 32 + 1$
-78212699	P	$((-9+8 \cdot 7) / - (6 \cdot 5 \cdot 43)^{-2} + 1)$	-83888689	P	$-9 + (8^7 + 65)^* - (43 - (2+1))$
-78382097	G	$-9-8-7/6^5 \cdot (-5-4)^* \cdot (3^2 - 2 + 1)$	-83888770	G	$(-9 - (8^7 + 65)^4)^* \cdot (3^2 + 1)$
-78642825	G	$(-9+8+76)^* \cdot (5-4)^{(3^2+1)}$	-84015795	G	$(-9-87-6 \cdot 5)^4 / -3-2-1$
-78747957	G	$-9^8 + 7 - (65^4 - 3) \cdot 2 + 1$	-84272382	P	$((-9-8) - (765 \cdot 4 \cdot 3))^2 + 1$
-78747964	P	$-(9^8 - (7-65^4 - 3) \cdot 2) - 1$	-84448007	G	$(9^8 + 7 \cdot 6)^{(5 - (4-3))} / -2 + 1$
-78747978	P	$-(9^8 - (-7-65^4 + 3) \cdot 2) + 1$	-84448009	G	$(9^8 + 7 \cdot 6)^{(5 - (4-3))} / -2 - 1$
-78764815	P	$-(9 + (8-76+5)^4)^3 \cdot (3+2) - 1$	-84492864	P	$-((-9+8-765)^4 \cdot 3)^2 \cdot 1$
-78964767	G	$9^8 + (7^6 - 5^4 \cdot (4 \cdot 3)) / (2 \cdot 1)$	-84646720	G	$-9^8 + (-7-6)^* \cdot (5 \cdot 4)^{(3+2)} + 1$
-79066193	G	$-9-8 \cdot (7^6 + 5^4 \cdot (4+3 \cdot 2) - 1)$	-84646734	G	$-9^8 + (-7-6)^* \cdot ((5 \cdot 4)^{(3+2)} + 1)$
-79235192	G	$-9 - (8+76 \cdot 5^4 \cdot 3) \cdot 2 + 1$	-84707262	G	$9+8-7 \cdot 6 \cdot 5 \cdot (4 \cdot 3)^2 + 1$
-79379321	G	$-98 \cdot (-7 + (6 \cdot 5)^4) \cdot 3 \cdot 2 - 1$	-84916457	G	$-9-8 \cdot (-7 + (6 \cdot 5 \cdot 43))^2 - 1$
-79691558	G	$-9 + (-8^7 + 6)^* \cdot (-5+43) \cdot 2 + 1$	-85186943	P	$((-9-8)+7)^* - (6 \cdot (5^4 + 3))^2 + 1$
-79691992	G	$9 + (8^7 + 6)^* \cdot (5-43) + 2 + 1$	-85636516	P	$-(9876-5^4 \cdot 4 \cdot 3)^2 \cdot 1$
-79692014	P	$-(9 - (8^7 + 6)^* \cdot (5-43)) \cdot 2 + 1$	-85760295	G	$-9 + (8-7 \cdot 6)^* \cdot (5+4)^3 + 2 + 1$
-79692157	P	$-(9-8) - 76^* \cdot (5+4)^{(3^2+1)}$	-85857578	P	$-(9^8 + 7) - 6543^2 - 1$
-79692173	P	$-(9+8) - 76^* \cdot (5+4)^{(3^2+1)}$	-85858139	G	$(-9^8 + 7^6 \cdot (5-4+3)) \cdot 2 - 1$
-79692228	G	$-9^8 - 76^* \cdot (5+4)^{(3^2+1)}$	-85858151	P	$-(9^8 - 7^6 \cdot (5-4+3)) \cdot 2 - 1$
-79812032	P	$-(9^8 - (7^6 \cdot 5^4 + 3) / 2) \cdot 1$	-85937191	P	$-(9^8 + (-7+6) \cdot 5^4 \cdot (4+3)) \cdot 2 + 1$
-80001311	G	$9-8 / (7^6 - 6 / (54+32-1))$	-85940356	P	$-(9^8 - 76543)^* \cdot (2 \cdot 1)$
-80001329	G	$-9-8 / (7^6 - 6 / (54+32-1))$	-85945265	P	$-(9^8 + (7 \cdot 6^* - (5-4))^3) \cdot 2 + 1$
-80090720	G	$-9^8 + (-7 \cdot (6+5 \cdot 4))^3 / 2 + 1$	-86001839	P	$-(9^8 - 7 \cdot 6543) \cdot 2 + 1$
-80327295	G	$9^* \cdot (8^7 - (65^4 - 3) / 2) \cdot 1$	-86001841	P	$-(9^8 - 7 \cdot 6543) \cdot 2 - 1$
-80327322	G	$9^* \cdot (8^7 - (65^4 + 3) / 2) \cdot 1$	-86047518	P	$-(9^8 - 7654 \cdot 3)^* \cdot (2 \cdot 1)$
-80328303	P	$9^* - (8^7 + (-65^4 + 3) / (-2 \cdot 1))$	-86084279	P	$-(9^8 - 7 \cdot 654 - 3) \cdot 2 + 1$
-80328330	G	$9^* \cdot (-8^7 - (65^4 + 3) / 2) \cdot 1$	-86084281	P	$-(9^8 - 7 \cdot 654 - 3) \cdot 2 - 1$
-80568576	P	$-((-9 - (8-765))^4 \cdot 3)^2 \cdot 1$	-86084291	P	$-(9^8 - 7 \cdot 654 + 3) \cdot 2 + 1$
-80621273	P	$-(9 - (8-76+5)^4)^3 \cdot 3 - 2 - 1$	-86084293	P	$-(9^8 - 7 \cdot 654 + 3) \cdot 2 - 1$
-80621674	G	$-9-8 \cdot (7+6^5 \cdot (5+4)+3+2) - 1$	-86090855	P	$-(9^8 - (7 - (6-5))^4 + 3) \cdot 2 + 1$
-80621706	G	$-9-8 \cdot (7+6^5 \cdot (5+4)+3^2) - 1$	-86091441	P	$-(9^8 - (7 - (6 - (5+4))))^3 \cdot 2 + 1$
-80621832	G	$(-9+8-7)^* \cdot (6^5 \cdot (5+4)+32+1)$	-86091913	G	$(-9^8 + 765)^{(4-3)} \cdot 2 - 1$
-80707178	G	$(98 \cdot 7^6 - 5)^* \cdot (-4-3) + 2 - 1$	-86092185	P	$-(9^8 - (((7-6)/5)^{-4+3})) \cdot 2 + 1$
-80707181	G	$-98 \cdot 7^6 \cdot (6+5-4) + 32 + 1$	-86092271	P	$-(9^8 - 7 \cdot 6 - 543) \cdot 2 + 1$
-80707183	G	$-98 \cdot 7^6 \cdot (6+5-4) + 32 - 1$	-86092273	P	$-(9^8 - 7 \cdot 6 - 543) \cdot 2 - 1$
-80707250	G	$(98 \cdot 7^6 + 5)^* \cdot (-4-3) \cdot 2 + 1$	-86092439	P	$-(9^8 + 7 \cdot 6 - 543) \cdot 2 + 1$
-80710351	G	$98 \cdot (-7^6 \cdot (6+5-4) - 32) - 1$	-86092441	P	$-(9^8 + 7 \cdot 6 - 543) \cdot 2 - 1$
-80778519	P	$(-9+87 \cdot 6)^* \cdot (-54^3 - 2) - 1$	-86092445	P	$-(9^8 - 7 \cdot 65 - 43) \cdot 2 + 1$
-80942064	G	$(9 - (8 \cdot 7^6 - 5)^4) \cdot 3 \cdot 2 \cdot 1$	-86092447	P	$-(9^8 - 7 \cdot 65 - 43) \cdot 2 - 1$
-80942924	G	$(9 - (8 \cdot 7^6 + 5)^4) \cdot 3 \cdot 2 \cdot 1$	-86092508	P	$-(9^8 + 76 - 543) \cdot (2 \cdot 1)$
-81033758	G	$-9 - ((8+7+6) \cdot 5)^4 / 3 \cdot 2 + 1$	-86092517	P	$-(9^8 - 7 \cdot 65 - 4 - 3) \cdot 2 + 1$
-81342361	P	$-(98 \cdot (-7+6 \cdot 5)^4 + 3) \cdot 2 \cdot 1$	-86092519	P	$-(9^8 - 7 \cdot 65 - 4 - 3) \cdot 2 - 1$
-81450601	P	$-(9 + ((8+7) \cdot 6+5)^4 + 32+1)$	-86092529	P	$-(9^8 - 7 \cdot 65 - 4 + 3) \cdot 2 + 1$
-81450618	G	$9 - (((8+7) \cdot 6+5)^4 + 3 - 2) - 1$	-86092535	P	$-(9^8 - 7 \cdot 65 + 4 - 3) \cdot 2 - 1$
-81450632	G	$-9 - (((8+7) \cdot 6+5)^4 - (3-2)) + 1$	-86092545	P	$-(9^8 - 7 \cdot 65 + 4 + 3) \cdot 2 + 1$
-81450638	G	$-9 - (((8+7) \cdot 6+5)^4 + 3 + 2) + 1$	-86092547	P	$-(9^8 - 7 \cdot 65 + 4 + 3) \cdot 2 - 1$
-81450649	G	$9 - ((-8-7)^* - 6+5)^4 - (32+1)$	-86092617	P	$-(9^8 - 7 \cdot 65 + 43) \cdot 2 + 1$
-81510911	P	$98 / (-76 \cdot (-5-4-3))^{-2} + 1$	-86092619	P	$-(9^8 - 7 \cdot 65 + 43) \cdot 2 - 1$
-81562510	G	$-9-87 \cdot 6 \cdot 5^4 \cdot (4+3) \cdot 2 - 1$	-86092662	P	$-(9^8 - (76+54) \cdot 3)^* \cdot (2 \cdot 1)$
-81920011	P	$-(9 + (8+7+65)^4 - 3) \cdot 2 + 1$	-86093243	P	$-(9^8 - 7 \cdot 6 - 54 - 3) \cdot 2 + 1$
-81920025	G	$(9 + (8+7+65)^4 + 3) \cdot 2 - 1$	-86093245	P	$-(9^8 - 7 \cdot 6 - 54 - 3) \cdot 2 - 1$
-82021056	P	$-9^8 + 7 + (6+5)^4 \cdot (4+3) \cdot (-2 \cdot 1)$	-86093255	P	$-(9^8 - 7 \cdot 6 - 54 - 3) \cdot 2 + 1$
-82031244	P	$-(9-8) - 7^* \cdot (6 \cdot 5^4 \cdot (4 - (-3-2))) - 1$	-86093257	P	$-(9^8 - 7 \cdot 6 - 54 + 3) \cdot 2 - 1$
-82031260	P	$-(9+8) - 7^* \cdot (6 \cdot 5^4 \cdot (4 - (-3-2))) - 1$	-86093270	P	$-(9^8 + 76 - 54 \cdot 3)^* \cdot (2 \cdot 1)$
-82195172	G	$-9-87 \cdot 6 \cdot 5^4 \cdot (3-2) + 1$	-86093313	G	$(9^8 - (7+6) \cdot 5) / ((-4+3) / 2) - 1$
-82195260	G	$-9-87 \cdot 6 \cdot 5^4 \cdot (3-2) + 1$	-86093490	P	$(9^8 + ((7-6)+5)^4) / (-3/2-1)$
-82196042	G	$-9-87 \cdot 6 \cdot 5^4 \cdot (3-2) + 1$	-86093573	G	$(9^8 + (7+6) \cdot 5) / ((-4+3) / 2) - 1$
-82301202	P	$-(9+8 + (7/6^5 \cdot (-5+4-3)))^2 - 1$	-86093614	P	$-(9^8 - 76 + 54 \cdot 3)^* \cdot (2 \cdot 1)$
-82312883	P	$-(9 + (8+7 \cdot (65-4)))^3 - 2 - 1$	-86093627	P	$-(9^8 + 7 \cdot 6 + 54 - 3) \cdot 2 + 1$
-82664303	G	$-9^8 - 76 \cdot 5^4 \cdot 3 + 2 \cdot 1$	-86093629	P	$-(9^8 + 7 \cdot 6 + 54 - 3) \cdot 2 - 1$
-82721942	P	$9/8 \cdot (-7^6 \cdot 5^4 \cdot 3^2) + 1$	-86093677	P	$-(9^8 - (7 - (6 - (5-4)))^3))^2 + 1$
-82721944	P	$9/8 \cdot (-7^6 \cdot 5^4 \cdot 3^2) - 1$	-86093947	P	$(9^8 - (-7 - (6+5))^4 + 3))^* \cdot 2 + 1$
-82881862	G	$-9 - (((8 \cdot (7+6)+5)^4)^3 - 2 - 1)$	-86094115	P	$-(9^8 - (7 - (6+5-4))^3))^2 - 1$

-86094265	P	$-(9^8+7^*65-43)^*2+1$	-91228731	G	$-9-87^*(6^*5+4^{\wedge}(3^2+1))$
-86094267	P	$-(9^8+7^*65-43)^*2-1$	-91355363	P	$-((-9-87^*6)^*54/3)^{\wedge}2+1$
-86094337	P	$-(9^8+7^*65-4-3)^*2+1$	-91843531	G	$-9^8+ (7^*6+5)^{\wedge}4^*(-3^{\wedge}2-1)$
-86094339	P	$-(9^8+7^*65-4-3)^*2-1$	-91872224	P	$-(9^*87-6^{\wedge}5^*4/3)^{\wedge}2+1$
-86094349	P	$-(9^8+7^*65-4+3)^*2+1$	-91872226	P	$-(9^*87-6^{\wedge}5^*4/3)^{\wedge}2-1$
-86094355	P	$-(9^8+7^*65+4-3)^*2-1$	-91902633	G	$-9-87^*(6^{\wedge}5+4^{\wedge}(3^2+1))$
-86094376	P	$-(9^8-76+543)^*(2^*1)$	-92055934	G	$-9^8- (7^*6)^{\wedge}5/4^*3/2-1$
-86094437	P	$-(9^8+7^*65+43)^*2+1$	-92232308	G	$-98^*((7^{\wedge}6-5)^*4-3)^*2^*1$
-86094439	P	$-(9^8+7^*65+43)^*2-1$	-92232720	P	$-98^{\wedge}(- (7-6)+5)+4^{\wedge}(3^*(2^*1))$
-86094443	P	$-(9^8-7^*6+543)^*2+1$	-92233484	G	$-98^*((7^{\wedge}6-5)^*4+3)^*2^*1$
-86094445	P	$-(9^8-7^*6+543)^*2-1$	-92234967	P	$-98^{\wedge}-(7-6-5)+43^{\wedge}2^*1$
-86094611	P	$-(9^8+7^*6+543)^*2+1$	-92236384	G	$(-98^*7^{\wedge}6+54)^*(3^{\wedge}2-1)$
-86094613	P	$-(9^8+7^*6+543)^*2-1$	-92236688	P	$-98^{\wedge}(- (7-6)+5)+4^*(32^*1)$
-86094699	P	$-(9^8+((7-6)^*5)^{\wedge}4+3)^*2-1$	-92236752	P	$-98^{\wedge}(- (7-6)+5)+4^{\wedge}(3^*(2-1))$
-86102591	P	$-(9^8+7^*654-3)^*2+1$	-92236770	G	$((98^*7^{\wedge}6-5)^*4-3)^*(-2^*1)$
-86102593	P	$-(9^8+7^*654-3)^*2-1$	-92236773	P	$(98^{\wedge}(-7+6+5)-43)^*(-2-1)$
-86102603	P	$-(9^8+7^*654+3)^*2+1$	-92236781	G	$((98^*7^{\wedge}6-5)^*4+3)^*(-2+1)$
-86102605	P	$-(9^8+7^*654+3)^*2-1$	-92236851	G	$((98^*7^{\wedge}6+5)^*4+3)^*2-1$
-86114304	P	$(9/8+76+5)^*-4^{\wedge}(-3^{\wedge}2-1)$	-92236859	P	$(98^{\wedge}(-7+6+5)+43)^*(-2-1)$
-86139366	P	$-(9^8+7654^*3)^*(2^*1)$	-92236862	G	$((98^*7^{\wedge}6+5)^*4+3)^*(-2^*1)$
-86185043	P	$-(9^8+7^*6543)^*2+1$	-92236880	P	$-98^{\wedge}(- (7-6)+5)-4^{\wedge}(3^*(2-1))$
-86185045	P	$-(9^8+7^*6543)^*2-1$	-92236944	G	$-98^{\wedge}(-7+6+5)-4^{\wedge}3^*(2^*1)$
-86246528	P	$-(9^8+76543)^*(2^*1)$	-92237248	G	$(98^*7^{\wedge}6+54)^*(-3^{\wedge}2+1)$
-86302056	G	$-9+(-8^{\wedge}7-6^{\wedge}5)^*(43-2)+1$	-92240148	G	$-98^*((7^{\wedge}6+5)^*4-3)^*2^*1$
-86328731	P	$-(9^8+7^{\wedge}6-5^{\wedge}(4-3))^*2-1$	-92240912	P	$-98^{\wedge}(- (7-6)+5)-4^{\wedge}(3^*(2^*1))$
-86484990	P	$-(9^8+7^{\wedge}6+5^{\wedge}(4+3))^*(2^*1)$	-92241324	G	$-98^*((7^{\wedge}6+5)^*4+3)^*2^*1$
-86487083	G	$(9-(8+7^{\wedge}(-6+5+4))^{\wedge}3)^*2+1$	-93028471	G	$-9^8-7/65^{\wedge}-4/(3/2+1)$
-86487085	G	$(9-(8+7^{\wedge}(-6+5+4))^{\wedge}3)^*2-1$	-93028872	G	$-9+(-8^{\wedge}7-(6^*5)^{\wedge}4)^*32+1$
-86487119	G	$(9+(8+7^{\wedge}(-6+5+4))^{\wedge}3)^*(-2+1)$	-93323264	G	$(-9-(8+7+65))^*4^{\wedge}(3^2+1)$
-86487121	G	$(9+(8+7^{\wedge}(-6+5+4))^{\wedge}3)^*(-2-1)$	-93435166	P	$-(9^8+ (7-6^{\wedge}(5+4))^*(3+(2^*1))$
-86610464	P	$-9^8+ (7^*6)^{\wedge}5/- (4-(3-2))+1$	-93435237	P	$-(9^8+ (7+6^{\wedge}(5+4))^*(3+2))-1$
-86676100	P	$-(98^*(7-6^*(5-4^*-3)))^{\wedge}2^*1$	-93576674	G	$-9-(((8+7)^*6^*5+4)^{\wedge}3+2)+1$
-86835941	P	$-(9^8-(- (7+6)^{\wedge}5+43))^*2+1$	-93741123	P	$-(98^*7-6^{\wedge}5^*4/3)^{\wedge}2+1$
-86868980	P	$(9^8+ (7^*6)^{\wedge}5+4+3)/-(2^*1)$	-93741125	P	$-(98^*7-6^{\wedge}5^*4/3)^{\wedge}2-1$
-86881041	P	$-(9-(-8-7)^*(6-(5^{\wedge}4+3)))^{\wedge}2^*1$	-93750066	P	$-9-8^*(7-6/-5^{\wedge}(-(-4-3)+2))-1$
-86963850	G	$-9^8-(7^*6+5)^{\wedge}4/3^{\wedge}2-1$	-94109726	P	$-(9^*8^{\wedge}7+6)^*5+4^{\wedge}(3^2+1)$
-87048901	P	$-((-9-8)^*(76-5^{\wedge}4)-3)^{\wedge}2-1$	-94128804	P	$-(98^*(76-(-5^*4-3)))^{\wedge}2^*1$
-87087123	G	$-9^8-7^*6^*(5+4^{\wedge}(3^2+1))$	-94196472	G	$-98-(7^*65)^{\wedge}(4-3+2)+1$
-87665769	P	$-(9^*8^*- (76+54)-3)^{\wedge}2^*1$	-94368015	G	$-9^*(8^{\wedge}7+6)^*5+4^{\wedge}(3^2)-1$
-87740529	P	$-(9^8+ (7^*(6-5))^{\wedge}(4+3))^*2-1$	-94368213	G	$-9^*((8^{\wedge}7+6)^*5-432-1)$
-87740534	P	$-(9^8+7^{\wedge}(6+5-4)+3)^*(2^*1)$	-94369722	G	$9^*(-8^{\wedge}7+6)^*5+43^{\wedge}2-1$
-87890581	G	$-9^*(8-(7+6-5^{\wedge}(4+3^2))) -1$	-94371427	G	$9^*(-8^{\wedge}7+6)^*5+(4^*3)^{\wedge}2-1$
-88080429	G	$-9-((8^{\wedge}7^*6+5)^*(4+3)+2)-1$	-94372177	G	$-9^*((8^{\wedge}7+6)^*5+4)-(32-1)$
-880716546	G	$-9-(((8+7)^*6^*5-4)^{\wedge}3+2)+1$	-94372241	G	$(9^*8^{\wedge}7-6)^*5-432+1$
-88749833	G	$-9^8+(- (7-6)^*(5^{\wedge}4^*3)^{\wedge}2-1)$	-94375989	P	$-9^*(-(- (8^{\wedge}7+6)^*5-432)-1)$
-88859328	G	$-9^8+((- (76+5)^*4)^{\wedge}3^*2+1)$	-94721768	G	$-9+(-8^{\wedge}7-6^{\wedge}5)^*(43+2)+1$
-89253106	G	$-9-8+(- (7+65^{\wedge}4)^*(-3-2)+1)$	-94873690	P	$-(9+(8-7+65)^{\wedge}4^*(3+2))-1$
-89341138	G	$-9^8-(7^*6^*54^*3)^{\wedge}2-1$	-95000010	G	$-9-8^*76^*5^{\wedge}(4+3)^*2-1$
-89653241	G	$9^*-8^*7^*(6-5/4)-3^*-2+1$	-95050888	P	$-(9+(8^*(7+6)^{\wedge}5-4)^*32)+1$
-89728459	G	$(9^8+7^*(6+5)^{\wedge}(4+3))/(-2^*1)$	-95295691	G	$-9^*8^*7^{\wedge}6^*5/4^*3^{\wedge}2-1$
-90075962	G	$-9^8-7^*(6^{\wedge}(5+4)/3^*2-1)$	-95568597	G	$-9^8+(-7^*(6-(5-4)))^{\wedge}(3+2)-1$
-90075969	G	$-9^8-7^*(6^{\wedge}(5+4)/3^*2^*1)$	-95736297	G	$-9-8^*76^*(54^*3-2-1)$
-90699146	G	$(9+8)^*7-6^{\wedge}(5+4)^*3^{\wedge}2-1$	-95736904	G	$-9-8^*76^*(54^{\wedge}3-2)+1$
-90699773	G	$9^*(-8^*7-6^{\wedge}(5+4))-3^*2+1$	-95736913	G	$-9-8^*(76^*(54^{\wedge}3-2)+1)$
-90699778	P	$-9-(8^*7+6^{\wedge}(- (5-4))^*3^{\wedge}2-1)$	-95739318	G	$9-8^*-76^*(-54^{\wedge}3-2)+1$
-90699792	P	$-(9^*(- (8^*7-6^{\wedge}(5+4))+3)-2)+1$	-95753466	P	$-9^8+7^*(- (6-5^*4)^{\wedge}(3^2)+1)$
-90699814	P	$9^*(- (8^*7+6^{\wedge}(5+4))-3-2)-1$	-95753473	P	$-9^8+7^*(- (6-5^*4)^{\wedge}(3^2)^*1)$
-90699976	P	$(9^*8+7+6^{\wedge}(- (5-4)))/-3^{\wedge}2-1$	-95922436	P	$-(9+(- (8+7^{\wedge}6)+5)/(4^*3))^{\wedge}2^*1$
-90700001	P	$-9^*(87+6^{\wedge}(5+4)-3-2)+1$	-96059569	P	$-((98+(7-6)^{\wedge}5)^{\wedge}4-32)^*1$
-90705438	G	$(98^*7+6^{\wedge}(- (5-4)))*(-3^{\wedge}2^*1)$	-96177248	P	$- (9876-5-4^{\wedge}3)^{\wedge}2+1$
-90705439	G	$(98^*7+6^{\wedge}(5+4))^*-3^{\wedge}2-1$	-96177250	P	$- (9876-5-4^{\wedge}3)^{\wedge}2-1$
-90706311	P	$(9^*87+6^{\wedge}(- (5-4)))*(-3^{\wedge}2^*1)$	-96204095	P	$- (9^8+ (76^*5-4)^{\wedge}3)+2^*1$
-90706312	G	$(9^*87+6^{\wedge}(5+4))^*-3^{\wedge}2-1$	-96204098	P	$- (9^8+ (76^*5-4)^{\wedge}3+2)+1$
-90708148	G	$(-987-6^{\wedge}(5+4))/3^{\wedge}2-1$	-96204100	P	$- (9^8+ (76^*5-4)^{\wedge}3+2)-1$
-90822464	G	$-9^8+((- (7-65)^*4)^{\wedge}3^*2+1)$	-96275344	P	$- (9+(- (8+7^{\wedge}6)+5)/(-4^*3))^{\wedge}2^*1$
-90870834	G	$-9+((8-7^*6)^{\wedge}5+4^*3)^*2-1$	-96389967	P	$-((-9-8)^*-7^*(6^*5)^{\wedge}4-32)+1$
-90870882	G	$-9+((8-7^*6)^{\wedge}5-4^*3)^*2-1$	-96389992	G	$(-9-8)^*7^*(6^*5)^{\wedge}4+3^{\wedge}2-1$
-90943518	G	$-9^8+(7+6)^{\wedge}5^*(-4^*32-1)$	-96390010	G	$(-9-8)^*7^*(6^*5)^{\wedge}4-3^{\wedge}2-1$
-91030681	P	$-(987^*(-6-5+4/3))^{\wedge}2^*1$	-96471684	P	$-(9-(-8-7)^*654+3)^{\wedge}2^*1$
-91125044	G	$-9-(((8+7)^{\wedge}6+5)^*4-3)^*2-1$	-96471991	P	$-9+(8^{\wedge}7+65)^*(-43+2+1)$

-96550280	G	$(9+8)^{(7-(6-5))^{*-4-(3+2)+1}}$	-100755615	P	$-(9+(8^*7+6+5)^{4^*(3+2)})-1$
-96598589	G	$-9^8+7-65^4*3^3(2-1)$	-100777128	G	$-98-(7+6^4(5+4))^*(3^2+1)$
-96598591	G	$-9^8+7-65^4*3-2^*1$	-100777270	G	$(-9-(8-7))^*((6^4(5+4)+32)-1)$
-96598601	G	$-9^8-7-65^4*3+2^*1$	-100777920	G	$(-9-(87+6^4(5+4)))^*(3^2+1)$
-96598603	G	$-9^8-7-65^4*3^3(2-1)$	-100778010	G	$(-98-(7+6^4(5+4)))^*(3^2+1)$
-96598605	G	$-9^8-7-65^4*3-2^*1$	-100781521	P	$-((-987+6^5*4)/3)^{2^*1}$
-96598615	P	$-(9^8-((-7-65^4)^*3+2))^*1$	-101131713	P	$-9^8+((7*6)^{5^*-4^*3^2})-(2^*1)$
-96598618	P	$-(9^8+(7+65^4)^*3)-2+1$	-101204905	G	$-9^*(8+7)^{6+5^*4^4(3^2+1)}$
-96598620	P	$-(9^8+(7+65^4)^*3)-2-1$	-101243844	P	$-((-9+87)^*(65+4^3))^2+1$
-96767898	G	$-9-8^*-7^*((6^*-5^*4)^3+2)-1$	-101449726	G	$-9/(8^4(-7+6-5)/43)+2^*1$
-96854940	G	$(-9^8-76)+5/(4^*3^2-2^*1)$	-101449730	G	$-9/(8^4(-7+6-5)/43)-2^*1$
-96854976	G	$(9^8+(-7-6)^*5)/(4^*(-3^2-2^*1))$	-101640465	G	$-9^8+7-6^5(4+3^2)-1$
-96855174	G	$(-9^8+7-6^5)/(4^*3^2-2^*1)$	-101640472	P	$-(9^8+7)-6^*(5^4(4+3^2)-1)$
-96884206	P	$-9^8+(7+6)^{5^*}-(4^*3)^2-1$	-101644272	G	$-9^*8^*((7^6-5)^*4^*3-2^*1)$
-97056871	P	$-9^8+(7^*6^*(5+4))^3+2^*1$	-101644560	G	$-9^*8^*((7^6-5)^*4^*3+2^*1)$
-97056872	P	$-(9^8+7^*6^*(5+4))^3+2-1$	-101648712	G	$(9-8^*7^6*5^4+3)^*2^*1$
-97056876	G	$-9^8-((7^*6^*(5+4))^3+2)-1$	-101648721	G	$9-(8^*7^6*5^4-3)^*2^*1$
-97140736	P	$-(98/7^*(-6-5)/4^3)^{2^*1}$	-101648724	G	$(9-8^*7^6*5^4-3)^*2^*1$
-97155289	G	$(-9-8^*76)^*5^4+3-2+1$	-101652912	G	$-9^*8^*((7^6+5)^*4^*3-2^*1)$
-97155291	G	$(-9-8^*76)^*5^4+3-2-1$	-101653200	G	$-9^*8^*((7^6+5)^*4^*3+2^*1)$
-97476130	P	$-(9876^4(5-4)-3)^2-1$	-101848532	P	$9^*-8+(7-65)^4+3+2-1$
-97494770	G	$-9+8-7^*(6^*(-5^4+3))^2-1$	-101977623	P	$9^4(-8-7)+6^*(5^4-32+1)$
-97494776	P	$-(9-8)+7^*(-(6^*(-5^4+3))^2-1)$	-102036625	G	$-9+8^*7+(-6^*5^4)^3+2(2+1)$
-97494786	P	$-(9+8)+7^*(6^*(-5^4+3))^2-1$	-102253486	G	$-9^*(8+7)^{6-5^*4^4(3^2+1)}$
-97494792	P	$-(9+8)+7^*(-(6^*(-5^4+3))^2-1)$	-102333455	G	$-9^*((8+7)^{6-5+4}-3)^2+1$
-97494866	P	$-(98+7^*(6^*(-5^4+3))^2)^*1$	-102333457	G	$-9^*((8+7)^{6-5+4}-3)^2-1$
-97594641	P	$-(9876/(5-4)+3)^2+1$	-102413224	P	$9^*-8+7^6+5^4(3^2+1)$
-97614400	P	$-(9876+5-4+3)^2+1$	-102510500	P	$9^*-8+7^6+5^4(-4^4-(-3-2)-1)$
-97653923	P	$-(9876+5+4-3)^2+1$	-102511875	P	$9^*-((8+7)^{6-5^4/(3/2^*1)})$
-97653925	P	$-(9876+5+4-3)^2-1$	-102512799	P	$9^*-((8+7)^{6-5^4+3}/(2^*1))$
-97730903	G	$-9^8-7^*((65^*43)^2+1)$	-102513466	P	$-(9/(8+7)^{6-5^*432})-1$
-97970404	P	$-(98^*(7-6^*54/3))^2+1$	-102513822	P	$9^*-((8+7)^{6+5}+43^2-1)$
-98001620	G	$(-9-8)^*7^6(6-5+4+3)-2-1$	-102513898	P	$-(9/(8+7)^{6-5^4*32})-1$
-98018353	G	$9^*8+(7^*6)^5/-4^*3-2+1$	-102514540	P	$-(9/(8+7)^{6-5^4*3^2})-1$
-98018355	G	$9^*8+(7^*6)^5/-4^*3-2-1$	-102514647	P	$9^*-((8+7)^{6+5}+4^4(3+2)-1)$
-98280071	P	$-(9-8)+7^*(-(6^*5^4+3)^2-1)$	-102514906	P	$9^*-8+7^6+5^4(4^*3)^2-1$
-98280087	P	$-(9+8)+7^*(-(6^*5^4+3)^2-1)$	-102514910	P	$-9^*(-8-7)^{6-5^*}-(4^*3)^2-1$
-98485775	P	$-(9876+5+43)^2+1$	-102515296	P	$9^*-8+7^6+5^4(4^3+2)-1$
-98485777	P	$-(9876+5+43)^2-1$	-102515316	P	$9^*-8+7^6+5^4(-4^3+2)-1$
-98595057	P	$-(9-8)+7^*(-(6^*5^4-3)^2+1)$	-102515324	P	$9^*(-(8+7)^{6+5}+4^4(3+2)-1)$
-98595073	P	$-(9+8)+7^*(-(6^*5^4-3)^2+1)$	-102515720	P	$9^*(-(8+7)^{6-5}-(4+3)^2-1)$
-98664488	P	$-(9876+5+43)^2+1$	-102515936	P	$9^*-8+7^6+5^4(-4^3+2)-1$
-98664490	P	$-(9876+5+43)^2-1$	-102515956	P	$9^*-8+7^6+5^4(4^3+2)-1$
-98679817	G	$-9+8^7-6^4(5+4)^*(3^2+1)$	-102516346	P	$9^*-8+7^6+5^4(4^*3)^2-1$
-98704224	P	$-(9876-5+4^3)^2+1$	-102516712	P	$-(9/(8+7)^{6-5+43^2})-1$
-98704226	P	$-(9876-5+4^3)^2-1$	-102517354	P	$-(9/(8+7)^{6-5+4^3*32})-1$
-98785082	G	$-9^8-7^*(6^5*4^4(3+2)-1)$	-102517786	P	$-(9/(8+7)^{6-5+4^3*32})-1$
-98785089	G	$-9^8-7^*6^5*(4^4(3+2)^*1)$	-102518451	P	$9^*-((8+7)^{6+5}+4^4(3+2)^2+1)$
-98999999	P	$9^*-8+7^6+5^4(3^2+1)^2+1$	-102519226	P	$9^*-8+7^6+5^4(3^2+1)^2-1$
-99315626	P	$9^*-8+7^6+5^4(3^2+1)-1$	-102519375	P	$9^*-((8+7)^{6+5^4/(3/2^*1)})$
-99384770	G	$-9+8-7^*(6^*(5^4+3))^2-1$	-102520740	P	$9^*-8+7^6+5^4(4^4-(-3-2)-1)$
-99384776	P	$-(9-8)+7^*(-(6^*(5^4+3))^2-1)$	-102618024	P	$9^*-8+7^6+5^4(4^*3)^2+1$
-99384786	P	$-(9+8)+7^*(-(6^*(5^4+3))^2-1)$	-102629681	P	$-(9^8+7+6^5-4^3)^2+1$
-99384792	P	$-(9+8)+7^*(-(6^*(5^4+3))^2-1)$	-102629683	P	$-(9^8+7+6^5-4^3)^2-1$
-99614721	G	$-9+8-76^*5^4(3^2+1)$	-102757271	G	$-9-(8^7-65)^*(4+3)^2+1$
-99614737	G	$-9-8-76^*5^4(3^2+1)$	-102777764	G	$-9^*(8+7)^{6+5-4^4(3^2+1)}$
-99614818	G	$-98-76^*5^4(3^2+1)$	-102777774	G	$-9^*(8+7)^{6-5-4^4(3^2+1)}$
-99738893	G	$-9+(-8^7-65^4)^*(3+2)+1$	-102846018	P	$-(9^8+7+(-6^5+43)^2)-1$
-99940009	P	$-((-9-8+7-6)^*5^4+3)^2+1$	-102902509	P	$-(9^*(8+7)^6+(-5^4+3)^2)^*1$
-99999994	P	$-((98/7+6)^5)^4-3+2+1$	-103217769	G	$-9^8-(7-6^5+4^3)^2+1$
-100000003	P	$-(9-8^*(7+6)-5)^4-3^2(2-1)$	-103217771	G	$-9^8-(7-6^5+4^3)^2-1$
-100060009	P	$-((9+(8-7)^6)^5)^4+3)^2+1$	-103326423	P	$-(9^8+7+6^5-4^3)^2+1$
-100546914	G	$(9^8+76-5^4(4^3))/(2^*1)$	-103326425	P	$-(9^8+7+6^5-4^3)^2-1$
-100605129	G	$-9+(-8-7^*6^5)^*(43^2-1)$	-103404076	G	$-9^8+7-(-6^5+4^3)^2-1$
-100641024	P	$-((-9^*(8+76^5)+4)^3)^2+1$	-103404083	G	$-9^8-(7-6^5/(4-3))^2-1$
-100644762	P	$-(9-8)-7^*(6^5*43^2-1)$	-103404090	P	$-(9^8+7+6^5-4^3)^2-1$
-100644778	P	$-(9+8)-7^*(6^5*43^2-1)$	-103497339	G	$-9^8+7-(-6^5+4^3)^2+1$
-100660185	G	$-9+(-8^7+65)^*((4+3)^2-1)$	-103497340	G	$-9^8+7-(-6^5+4^3)^2-1$
-100663338	P	$-(9-((8^7+6+5)^*-4+3)^2)+1$	-103497354	P	$-(9^8+7+6^5-4^3)^2-1$
-100699217	P	$-(9+8)-7^*-6^5(43^2-1)$	-103512856	G	$-9^8+(-7+6^4(5+4))^*-3^2-1$

-103512890	P	$-(9^8-7)-6^6(5+4)^3 \cdot 3^2 \cdot 2^1$	-106955068	G	$-9+(-8^7-6)^5(54-3)-2+1$
-103512891	P	$-(9^8-7)-6^6(5+4)^3 \cdot 3^2 \cdot 2^{-1}$	-106956964	P	$-((-9+87-6^6 \cdot 5^4)/3)^2 \cdot 2^1$
-103512904	P	$-(9^8+7)-6^6(5+4+3-2^1)$	-106998346	P	$-9-(8^7-(7-(6-5))^4+3))^2 \cdot 2^{-1}$
-103512905	G	$-9^8-7-6^6(5+4)^3 \cdot 3^2 \cdot 2^{-1}$	-107030723	P	$-(9^8)-((7-(6+(5^4)^3))^2)-1$
-103512910	P	$-(9^8+(7+6^6(5+4)^3)^2)+1$	-107046679	P	$-(9^8-7^6+6+(5^4)^3)^2 \cdot 2^1$
-103512911	P	$-(9^8+(7+6^6(5+4)^3)^2)^1$	-107046707	P	$-(9^8-(7+6))-(5^4)^3(3^2)+1$
-103528443	G	$-9^8+7-(6^6+4-3)^2 \cdot 2^1$	-107046733	P	$-(9^8+7+6)-(5^4)^3(3^2)+1$
-103528444	G	$-9^8+7-(6^6+4-3)^2 \cdot 2^{-1}$	-107046734	P	$-(9^8+7+6)-(5^4)^3(3^2)^1$
-103528458	P	$-(9^8+7+(6^6+4-3)^2)-1$	-107046763	G	$-9^8-7^6-(5^4)^3(3^2)^1$
-103590681	G	$-9^8-(7-6^6-4^3)^2+1$	-107046797	P	$-(9^8+76)-(5^4)^3(3^2 \cdot 2^1)$
-103590683	G	$-9^8-(7-6^6-4^3)^2-1$	-107046798	P	$-(9^8+76)-(5^4)^3(3^2)-1$
-103621804	G	$-9^8+7-(6^6+4+3)^2 \cdot 2^{-1}$	-107062723	P	$-(9^8)-((7-(6-(5^4)^3))^2)-1$
-103621811	P	$-(9^8+(7+6^6(4-3))^2)-1$	-107103672	G	$-9+87-65^4(3+2+1)$
-103621818	P	$-(9^8+7+(6^6+4+3)^2)-1$	-107103760	G	$-9-8+7-65^4(3+2+1)$
-103699671	P	$-(9^8+7+(6^6+4^3)^2)+1$	-107103764	G	$-98/7-65^4(3+2+1)$
-103699673	P	$-(9^8+7+(6^6+4^3)^2)-1$	-107103829	G	$9^8-8-7-65^4(3+2+1)$
-103730820	P	$-(9^8+(7+6^6+4+3)^2)+1$	-107103846	G	$-9-87-65^4 \cdot 3^2 \cdot 2^1$
-103730822	P	$-(9^8+(7+6^6+4+3)^2)-1$	-107104094	G	$-9+(8^7+65^4)^3 \cdot 2^1+1$
-103760792	G	$(-98^7+6^6+5^4)^3 \cdot 3^2+1$	-107104436	G	$98^7-7-65^4 \cdot 3^2 \cdot 2^1$
-103761972	G	$(-98^7(7^6-5)+4)^3 \cdot 3^2 \cdot 2^1$	-107104533	G	$9^8-87-65^4 \cdot 3^2 \cdot 2^1$
-103762044	G	$(-98^7(7^6-5)-4)^3(3^2 \cdot 2^1)$	-107104737	G	$-987-65^4 \cdot 3^2 \cdot 2^1$
-103765536	P	$98^7(-(-7^6+5)+4)/(-3^2 \cdot 2^1)$	-107142749	P	$-(9^8-(7-((6+(5^4)^3)^2))) +1$
-103765932	G	$(-98^7+6^6+5^4)^3(2^1)$	-107142763	P	$-(9^8+7+(6+(5^4)^3)^2)+1$
-103766374	G	$(-98^7(7^6+5)^4(4+3+2)-1$	-107164370	P	$-(9^8+7^6)-(5^4)^3(3^2 \cdot 2^1)$
-103766408	G	$98/(7^6-6/(-5-4))+3^2+1$	-107171883	P	$-(9-((8-7^6(65+4))^3+2))-1$
-103766415	G	$98/(7^6-6/(-5-4))+3^2(2-1)$	-107205315	P	$-(98/7-6^6 \cdot 5^4/3)^2+1$
-103766423	G	$(-98/(7^6-6/(5+4))-3-2)^1$	-107205317	P	$-(98/7-6^6 \cdot 5^4/3)^2-1$
-103766424	G	$(-98/(7^6-6/(5+4))-3-2)-1$	-107288164	P	$-(9+8-7-6^6 \cdot 5^4/3)^2 \cdot 2^1$
-103766462	G	$(98^7-7^6-5)^4(4+3+2)+1$	-107412496	P	$-(9-(-8-7-6^6 \cdot 5^4)/-3)^2 \cdot 2^1$
-103766904	P	$(98/7^6-6+5^4)/(-3^2 \cdot 2^1)$	-107495376	G	$-9-(-8^7+6^6 \cdot 5^4/3)^2 \cdot 2^{-1}$
-103767300	P	$98^7(-7^6+5)+4/(3^2 \cdot 2^1)$	-107495392	P	$(9^8)^3(-7-6)+5^4-4-(-32^1)$
-103770792	P	$(-98^7(7^6+5)+4)/(-3^2 \cdot 2^1)$	-107495451	G	$-9^8((8-(-7-65)^4)^3)/2-1$
-103770864	G	$(-98^7(7^6+5)-4)^3 \cdot 3^2 \cdot 2^1$	-107495456	P	$(9^8)^3(-7-6)+5^4-4-32^1$
-103826345	G	$-9^8(8+7)^6-5^4(3^2 \cdot 2^1)$	-107616780	P	$-(9^8(7-6)^5-43)/2+1$
-104468841	P	$-((9-8^7(65-4))^3)^2 \cdot 2^1$	-107616806	P	$(9^8-(7-6)^5)^3-4(3/2)-1$
-104562728	G	$-9^8-7^6((65^4)^3/2+1)$	-107616806	P	$(9^8+(7-6)^5)^3-4(3/2)-1$
-104622129	P	$-(9^8+(7+6^6+4^3)^2)+1$	-107616825	P	$-(9^8(7-6)^5+43)/2-1$
-104622131	P	$-(9^8+(7+6^6+4^3)^2)-1$	-107720485	G	$-9^8-(7^6-(5^4)^3)^2 \cdot 2^1$
-104980515	P	$-((-9+8^7)^6 \cdot 65^4/3)^2+1$	-107720486	G	$-9^8-(7^6-(5^4)^3)^2-1$
-105006607	G	$-9+8^7-65^4 \cdot 3^2 \cdot 2^1$	-107744399	P	$-(9+8^7(7-6+5)^4+3)^2+1$
-105021504	P	$-(9^8 \cdot 7^6(-65+4)/3)^2 \cdot 2^1$	-107744401	P	$-(9+8^7(7-6+5)^4+3)^2-1$
-105103504	P	$-(9/((-87+6^6)^5 \cdot 4^3))^2 \cdot 2^1$	-107910544	P	$-(9-(-87-6^6 \cdot 5^4)/-3)^2 \cdot 2^1$
-105165393	P	$-9^8+7^6(-5^4+3)^2+1$	-108001629	P	$-(9+8^7(7^6 \cdot 5^4-3^2)^1)$
-105329168	P	$-(98+7-6^6 \cdot 5^4/3)^2+1$	-108001935	P	$-(9+8^7(7^6 \cdot 5^4+3^2)^1)$
-105329170	P	$-(98+7-6^6 \cdot 5^4/3)^2-1$	-108160000	P	$-((-9-(87+6^6 \cdot 5^4))/3)^2 \cdot 2^1$
-105398282	G	$-9+8^7-6^6 \cdot 5^4/3)^2-1$	-108222409	P	$-((-98-(7+6^6 \cdot 5^4))/3)^2 \cdot 2^1$
-105513983	P	$-(9+87-6^6 \cdot 5^4/3)^2+1$	-108243183	P	$-(98-7+6+5)^4+3+2+1$
-105513985	P	$-(9+87-6^6 \cdot 5^4/3)^2-1$	-108243185	P	$-(98-7+6+5)^4+3+2-1$
-105538922	G	$-987^6(6^6 \cdot 5^4+3)^2+1$	-108243208	P	$-(98-7+6+5)^4+3^2-1$
-105575625	P	$-((9-8^7(65-4))^3)^2 \cdot 2^1$	-108243247	P	$-(98-7+6+5)^4-3+2+1$
-105715626	P	$9^8-(8+7)^6+(-5^4)^3(3+2)-1$	-108243249	P	$-(98-7+6+5)^4-3-1$
-105863520	P	$-(9^8+7-6^6 \cdot 5^4/3)^2+1$	-108284836	P	$-(9+(-87-6^6 \cdot 5^4)/-3)^2 \cdot 2^1$
-105863522	P	$-(9^8+7-6^6 \cdot 5^4/3)^2-1$	-108392335	G	$-9^8+((7^6-6)^5+4)^3(3/2-1)$
-106031249	P	$9^8-(8+7)^6-(5^4 \cdot 3)^2+1$	-108392337	G	$-9^8-(-7^6)^5/(4-3^2)^1$
-106172416	P	$-((-9-87-65)/4^3-3)^2 \cdot 2^1$	-108392338	G	$-9^8-(-7^6)^5/(4-3^2)-1$
-106248842	P	$-(9^8+7+6^6(5+4)-3)^2(2^1)$	-108430118	G	$-9^8-((-7-6)^5(5^4+3))^2 \cdot 2^{-1}$
-106249999	G	$(98^7-7+6)/5^4(-4-3)^2+1$	-109013606	G	$-9^8-((-7-6)^5(5^4+3))^2-1$
-106376486	P	$-(9^8+(7^6-5^4)^3)^2-1$	-109190846	P	$-(9^8(-8+7+6)+5)^4 \cdot 3^2 \cdot 2^1$
-106430474	G	$-9-8^7(65/4^3+2)-1$	-109200911	G	$-9-8^7-65^4 \cdot 3^2 \cdot 2^1$
-106626277	P	$-((-9^8(87^6+5^4)-3)^2 \cdot 2^{-1}$	-109307025	P	$-((-9-8)^5(7-6+5^4+3))^2 \cdot 2^1$
-106708900	P	$-(9+(-87+6^6 \cdot 5^4)/-3)^2 \cdot 2^1$	-109375009	G	$-9-8^7(6-5+4)^3(3^2 \cdot 2^1)$
-106756746	G	$-9^8+(7-6^6 \cdot 5^4)^3 \cdot 2^1+1$	-109375346	G	$-9-8^7(6+5^4(4-(-3-2))) -1$
-106770889	P	$-((-98-(7-6^6 \cdot 5^4))/3)^2 \cdot 2^1$	-109375401	G	$-9-8^7(6+5^4(4+3+2))+1$
-106832896	P	$-((-9-(87-6^6 \cdot 5^4))/3)^2 \cdot 2^1$	-109401631	P	$-((-9+8-7)^6 \cdot 6+5)^4 \cdot 3^2+1$
-106894922	P	$-(9/(87-6^6 \cdot 5^4)/3)^2 \cdot 2^{-1}$	-109683728	G	$-9^8(8+(7+6+5)^4)^3 \cdot 2^1+1$
-106932415	G	$9^8(8^7-7-6)^5 \cdot 4^3-3+2+1$	-109683730	G	$-9^8(8+(7+6+5)^4)^3 \cdot 2^{-1}$
-106932417	G	$9^8(8^7-7-6)^5 \cdot 4^3-3-1$	-109697618	G	$-9^8-((-7-6)^5(5^4+3))^2 \cdot 2^{-1}$
-106950749	P	$-(9^8-(7-((-6-(5^4)^3)^2))) +1$	-109998144	P	$-((-9^8(-8-76^6 \cdot 5^4+4)^3)^2 \cdot 2^1$
-106950763	P	$-(9^8+7+(6-(5^4)^3)^2)+1$	-110250000	P	$-(9/8^7/6^6(5^4)^3)^2 \cdot 2^1$
-106954456	G	$-9+(-8^7+6)^5(54-3)-2+1$	-110295920	G	$(9+(8-7^6 \cdot 5^4)^3)/2+1$

-110295922	G	$(9+(8-7^6*5^4)*3)/2-1$	-114425809	P	$-((-987-6^5*4)/3)^2*1$
-110295946	G	$(-9-8-7^6*5^4*3)/2*1$	-114516599	P	$-(-9-(8*7+6)^5/-4-3)/2-1$
-110295953	G	$(9+(8-7^6*-5^4)*3)/-2+1$	-114610472	P	$-9+(8*7^*- (6+5)+4)^3/2+1$
-110295955	G	$(9+(8-7^6*-5^4)*3)/-2-1$	-114610476	G	$-9+(8-(7+6-5^4)^3)/-2+1$
-110295962	G	$(-9-8-7^6*5^4)*3/2+1$	-114704100	P	$-(98*765/(4+3))^2*1$
-110295964	G	$(-9-8-7^6*5^4)*3/2-1$	-114856905	G	$-9-8^*(-7+6^5)^*(43^2-1)$
-111007296	P	$-((9*8^-7-6^5*4)/3)^2*1$	-115295969	G	$(-98*7^6+5)^*(4*3-2)+1$
-111045169	G	$(9-87*(6-5))^4*-3-2+1$	-115295995	G	$(98*^-7^6*5+4*3)^2+1$
-111071154	G	$-9^8-(-7-(-6*54)^3)*2+1$	-115295996	G	$(98*^-7^6*5+4*3)^2*1$
-111071162	P	$-9^8+7+(6*54)^3*(2*1)$	-115296044	G	$(98*^-7^6*5-4*3)^2*1$
-111071168	G	$-9^8+((-76-5)^4)^3*2+1$	-115296045	G	$(98*^-7^6*5-4*3)^2-1$
-111071177	P	$-(9^8+7)-(6*54)^3*2-1$	-115296071	G	$(98*7^6+5)^*(-4*3+2)-1$
-111071182	G	$-9^8+(-7+(-6*54)^3)*2+1$	-115518505	G	$-9^8-7^6*(5^4-3^2)*1$
-111260304	P	$-((-9*(-8-7)+6^5)^4/3)^2*1$	-115518506	G	$-9^8-7^6*(5^4-3^2)-1$
-111406054	P	$-9^8-7^*(6-5^4(4+3^2))^*1$	-116057529	P	$-(9*(-8-(7+6))^*(-54-3))^2*1$
-111406055	P	$-9^8-7^*(6-5^4(4+3^2))-1$	-116251523	P	$-((-9+8*7^*(6+5)^4/3))^2+1$
-111406061	G	$-9^8-7^*(-6+5^4(4*3-2)+1)$	-116488849	P	$-(-987*(6+5)+4^3)^2*1$
-111406131	G	$-9^8-7^*(6+5^4(4+3^2)-1)$	-116577313	P	$-(9^8)-7^6/7(5^4-4)+32+1$
-111406139	G	$-9^8-7^*(6+5^4(4+3^2))-1$	-116577343	G	$-9^8+7^6*(5^4+3)^*(2-1)$
-111422593	P	$(9-87)^*(6-5^4(4+3))^2-1$	-116985853	P	$-((98+7-(6-5))^4+3)^*(2-1)$
-111921472	G	$(9^8-7+6)/(5/(-4-3^2))^*1$	-116985860	P	$-((98+7-6+5)^4+3+2)+1$
-112169281	P	$-((-9-8)^*(7-6-(-5^4+3)))^2*1$	-117180624	P	$-(9+(8*(-7-6))^(-5-(-4-3)))^2+1$
-112466024	P	$-(9876+(5+4)^3)^2+1$	-117180626	P	$-(9+(8*(-7-6))^(-5-(-4-3)))^2-1$
-112466026	P	$-(9876+(5+4)^3)^2-1$	-117348676	G	$-9^8-7^*(6*543)^2+1$
-112680071	P	$(9-8+7)^*(-6*5^4-3)^2+1$	-117495617	P	$-(9^8)-(76-5)^*4^4(3^2+1)$
-112848129	P	$-((9+87*6)^5*4-3)^2*1$	-117636187	P	$-9^8-7^6*(-5^4-3^2)^*1$
-112984069	G	$-9^8*7^6-5+4^4(3^2*1)$	-117636188	P	$-9^8-7^6*(-5^4-3^2)-1$
-113195574	P	$9^*(8^7*6-5^4*3^2-1)$	-117649010	G	$-9-8*7^6/(5^4-4^3(3+2))-1$
-113195592	P	$9^*(8^7*6-5^4*3^2+1)$	-117679104	P	$-((987/6+5)/4^3)^2*1$
-113229621	G	$-9^*(8^7*6+5-43^2+1)$	-118026496	P	$-(987*(6+5)+4+3)^2*1$
-113242458	P	$9^*(8^7*6+5^4/(-3/2*1))$	-118370777	G	$-9-(8-7^*(-65-4))^3+2+1$
-113243382	P	$9^*(8^7*6+(5^4+3)/(-2*1))$	-118374400	P	$-((-98-7-65)/4^3)^2*1$
-113245750	P	$9^*(-8^7*6-54-3)-2+1$	-118440001	G	$987*6^5*4^3-32-1$
-113245773	G	$-9^*(8^7*6-(5+43))^2+1$	-118588296	P	$-(-9-8*7-(6-5^4)^3)/2+1$
-113245895	G	$-9-((8^7-6)^5+4+3)-2-1$	-118588344	P	$-(9+8)+(7+(6-5^4)^3)/2-1$
-113245900	G	$-9-(8^7-6)^5+4-3*2-1$	-118588351	P	$-(9+8)-(7-(6-5^4)^3)/2-1$
-113246603	G	$9^*(-8^7*6+5-(4+3)^2)+1$	-118588425	G	$-98+(7+(6-5^4)^3)/2-1$
-113249034	G	$9^*(-8^7*6+(5^4+3)/(-2*1))$	-118919025	P	$-(9/(8+7)/6543)^2*1$
-113249958	P	$9^*(-8^7*6+5^4/(3/2*1))$	-118919026	P	$-(9/(8+7)/6543)^2-1$
-113251837	G	$-9^*(8^7*6+5^4)-(3+2)+1$	-118949888	P	$98*(-7/(6^5+4^3))^2*1$
-113296824	G	$9^*(-8^7*6-5^4*3^2+1)$	-119042685	G	$98-7/((6*54)^{-3*2})+1$
-113296842	G	$9^*(-8^7*6-5^4*3^2-1)$	-119042800	G	$-9-8-7^*(6^5*4)^3/2+1$
-113352798	P	$-(9^8-(-7*(6+5))^4+3)^2-1$	-119042889	G	$-98-7^*(6^5*4)^3/2+1$
-113352809	P	$-(9^8+((7*(6+5))^4+3)^2)*1$	-119268241	P	$-(-987*(6+5)-(4^3)^2*1$
-113352810	P	$-(9^8+((7*(6+5))^4+3)^2)-1$	-119275521	G	$-9+8-7^*65^4^4(3^2*1)$
-113358608	P	$-(9-8-(76-54)^3)^2+1$	-119275537	G	$-9-8-7^*65^4^4(3^2*1)$
-113358610	P	$-(9-8-(76-54)^3)^2-1$	-119275618	G	$-98-7^*65^4^4(3^2*1)$
-113401201	P	$-(9-8+(76-54)^3)^2*1$	-119530488	P	$-(9+((8/(7-6))^5+4)/3)^2+1$
-113508347	G	$-9^8*7^6+5-4^4(3^2*1)$	-119609222	G	$-9^8-(7^6*5^4/3)^2-1$
-113508357	G	$-9^8*7^6-5-4^4(3^2*1)$	-119876189	G	$-9-(8-7^6)^*(5-4^4(3+2))-1$
-113582591	P	$(9-8+7)^*(6*(5^4+3))^2+1$	-119892493	P	$-9+(-8-7^6)^*(-5-4^4-(-3-2))-1$
-113590370	G	$-9^8-7^6(6^5(5+4)-32)-1$	-120000001	P	$-(9+8-7)^6*5^4*3^2-1$
-113590376	P	$-9^8-7^6(6^5-(-5-4)-32-1)$	-120099681	P	$-(9*87*(6-5^4)+3)^2*1$
-113590537	P	$-9^8-7^6(6^5-(-5-4)-3^2+1)$	-120367203	G	$(-9-8-7^6+5)^*(4^4(3+2)-1)$
-113590552	P	$-9^8-7^6(6^5-(-5-4)-3^2)-1$	-120471647	G	$(9-(8*7^6-5)^4)^3+1$
-113590557	P	$-9^8-7^6(6^5-(-5-4)-(3+2))+1$	-120471649	G	$(9-(8*7^6-5)^4)^3-1$
-113590583	G	$-9^8-7^6*6^5(5+4)+3^2+1$	-120471926	G	$9-(8*7^6-5)^4*3^2+1$
-113590584	G	$-9^8-7^6*6^5(5+4)+3^2*1$	-120471928	G	$9-(8*7^6-5)^4*3^2-1$
-113590586	G	$-9^8-7^6(6^5(5+4)-(3-(2*1)))$	-120472223	P	$-(9+(8*7^6-5)^4)^3+1$
-113590600	G	$-9^8-7^6*6^5(5+4)-3*2-1$	-120472225	P	$-(9+(8*7^6-5)^4)^3-1$
-113590636	P	$-9^8-7^6(6^5-(-5-4)+3^2)-1$	-120472927	G	$(9-(8*7^6+5)^4)^3+1$
-113590663	P	$-9^8-7^6(6^5-(-5-4)+3^2+1)$	-120472929	G	$(9-(8*7^6+5)^4)^3-1$
-113590818	P	$-9^8-7^6(-6^5(5+4)-32)-1$	-120473206	G	$9-(8*7^6+5)^4*3^2+1$
-113590824	P	$-9^8-7^6(6^5-(-5-4)+3^2+1)$	-120473208	G	$9-(8*7^6+5)^4*3^2-1$
-113614282	P	$-(-9*8*(7^6-6+5)^4+3)^2-1$	-120473503	P	$-(9+(8*7^6+5)^4)^3+1$
-113742225	P	$-(9+8+(76-54)^3)^2*1$	-120473505	P	$-(9+(8*7^6+5)^4)^3-1$
-113906130	G	$-9-((8+7)^6*5-4^3)^2+1$	-120491703	G	$9/8*(7-65^4*3)^2*1$
-113906172	G	$-9-((8+7)^6*5-4^3)^2+1$	-120670193	P	$-((9+8*7)^6*5^5-4-3^2)^*1$
-113906386	G	$-9-((8+7)^6*5+4^3)^2+1$	-120670216	G	$(9+8*7)^6*5^5-4-3^2*1$
-114340249	P	$-((-9-8)^*(7-6+5^4+3))^2*1$	-120670217	G	$(9+8*7)^6*5^5-4-3^2-1$

-120670219	G	$(9+8^*7)^{\wedge}6^*-5^{\wedge}-4+3^*2^*1$	-125619817	P	$-(9+8)-(7+(6+5^{\wedge}4)^{\wedge}3)/2-1$
-120670222	G	$((9^*8-7)^{\wedge}6^*-5^{\wedge}-4+3)^*(2-1)$	-125619891	G	$-98+(7-(6+5^{\wedge}4)^{\wedge}3)/2-1$
-120670226	G	$(9+8^*7)^{\wedge}6^*-5^{\wedge}-4-3+2^*1$	-125828757	G	$9^*(-8^{\wedge}7+6)^*5^*4/3+2+1$
-120695800	P	$(-(-98-7^{\wedge}6)+5)^*(4^{\wedge}(3+2)+1)$	-125828770	G	$(-9-(8^{\wedge}7-6)^*54)^*(3^{\wedge}-2+1)$
-121052599	G	$-9+(8-7^{\wedge}6)^*(5+4^{\wedge}(3+2))-1$	-125829044	P	$-((-9+8^{\wedge}7^*6)^*5+4+3)^*2^*1$
-121060849	P	$-(9+(8-7+6)^{\wedge}(5+4))^*3-2+1$	-125829477	G	$9^*(8^{\wedge}7+6)^*5^*-4/3+2+1$
-121069063	P	$-9+(-8-7^{\wedge}6)^*(5+4^{\wedge}(-3-2))-1$	-125829483	G	$9^*(8^{\wedge}7+6)^*5^*-4/3-2-1$
-121093760	G	$-9+(8^*7+6)^*5^{\wedge}(4+3+2)-1$	-125829490	G	$(-9-(8^{\wedge}7+6)^*54)^*(3^{\wedge}-2+1)$
-121139190	P	$-(-9-8)-7^*(65^*4^{\wedge}3)^{\wedge}2+1$	-125978118	G	$9^*-8^{\wedge}7-65^{\wedge}4^*3^*2^*1$
-121139208	P	$-(9-8)-7^*((65/4^{\wedge}-3)^{\wedge}2+1)$	-126216346	G	$-9^{\wedge}8+7^*((-6^*5+4)^{\wedge}(3+2)+1)$
-121179500	P	$(-9+8-7^{\wedge}6)^*(-5-4^{\wedge}(-3-2))-1$	-126247704	P	$-((98+7+6-5)^{\wedge}4+3^{\wedge}2)+1$
-121186719	P	$-9+((-8-7^{\wedge}6)^*(5+4^{\wedge}(-3-2)+1))$	-126247706	P	$-((98+7+6-5)^{\wedge}4+3^{\wedge}2)-1$
-121195980	G	$(-9-(8+7^{\wedge}6))^*(5+4^{\wedge}(3+2)+1)$	-126506005	G	$((9^*87/6-5)^*-4)^{\wedge}3+2+1$
-121352256	P	$-((-9+87-6^*5^{\wedge}4)^*3)^{\wedge}2^*1$	-126562452	G	$-9-(-8^*7+(6^*5^{\wedge}4^*3)^{\wedge}2-1)$
-121406249	G	$(9^*-87+6)/5^{\wedge}(-4-3)^*2+1$	-126562513	G	$-98/7-((6/5^{\wedge}-4^*3)^{\wedge}2-1)$
-121485322	G	$-9+(8-7)^{\wedge}6-5^{\wedge}4)^{\wedge}3/2-1$	-126607132	P	$-(9-8)+(7^*6)^{\wedge}5^*(4^{\wedge}-3^*2-1)$
-121485324	G	$-9+(8-(7-(6+5^{\wedge}4))^{\wedge}3)/-2+1$	-126607148	P	$-(9+8)+(7^*6)^{\wedge}5^*(4^{\wedge}-3^*2-1)$
-121550642	P	$-(9+((-8-7)+6)^*5)^{\wedge}4-3^{\wedge}2+1$	-126953113	P	$-(9-8)-(7+6)^*(5^{\wedge}(4+3^*2)-1)$
-121550665	G	$-9-(((8+(7+6))^*5)^{\wedge}4+32-1)$	-126953129	P	$-(9+8)-(7+6)^*(5^{\wedge}(4+3^*2)-1)$
-121550667	G	$-9-(((8+(7+6))^*5)^{\wedge}4+32+1)$	-126953222	G	$-98-(7+6)/5^{\wedge}(4-3^*2)+1$
-121869509	P	$-(-9^{\wedge}8+7)+((-6-5)^*4)^{\wedge}(3+2)+1$	-126953236	G	$-98-(7+6)^*(5^{\wedge}(4+3^*2)+1)$
-122011390	G	$98+(7^{\wedge}6-5^{\wedge}(4^*3))/(2^*1)$	-127058421	P	$-(9+8+(76-5)^{\wedge}4^*(3+2))+1$
-122011416	G	$9^*8+(7^{\wedge}6-5^{\wedge}(4^*3))/(2^*1)$	-127058455	G	$-9-(8+(76-5)^{\wedge}4)^*(3+2)-1$
-122011471	G	$9^*8+(7^{\wedge}6-5^{\wedge}(4^*3))/(2^*1)$	-127319122	G	$-9^{\wedge}8-(765^*4^*3)^{\wedge}2-1$
-122011500	G	$-9+(-8+7^{\wedge}6-5^{\wedge}(4^*3))/2+1$	-127375416	P	$-(9^{\wedge}8-7^{\wedge}6^*5-4)^*3^{\wedge}(2-1)$
-122011505	G	$-9-8+(7^{\wedge}6-5^{\wedge}(4^*3))/(2^*1)$	-127754001	G	$-9^{\wedge}8-7^{\wedge}6^*5^*(4^*3)^{\wedge}2^*1$
-122011560	G	$-9^*8+(7^{\wedge}6-5^{\wedge}(4^*3))/(2^*1)$	-127766618	G	$(98-7^{\wedge}6^*543)^*2^*1$
-122011586	G	$-98+(7^{\wedge}6-5^{\wedge}(4^*3))/(2^*1)$	-127766670	G	$(9^*8-7^{\wedge}6^*543)^*2^*1$
-122070330	P	$-(9+8)-(-7+6+5^{\wedge}(4^*3))/2-1$	-127766780	G	$(9+8-7^{\wedge}6^*543)^*2^*1$
-122070331	G	$-9-(-8-7-6-5^{\wedge}(4^*3))/-2+1$	-127766789	G	$9+(8-7^{\wedge}6^*543)^*2^*1$
-122070337	G	$-9-8-(-7-(6+5^{\wedge}(4^*3)))/-2-1$	-127766821	G	$9-(8+7^{\wedge}6^*543)^*2^*1$
-122070434	P	$(9^{\wedge}-((-8-7)/6)+5^{\wedge}(4^*3))/-(2^*1)$	-127766886	G	$9^*-8-7^{\wedge}6^*543^*2^*1$
-122129149	G	$-9+(-8-(7^{\wedge}6+5^{\wedge}(4^*3)))/2+1$	-127766887	G	$9^*-8-7^{\wedge}6^*543^*2-1$
-122175943	G	$(-9-((8+7)^*6+5)^{\wedge}4^*3)/2-1$	-127766912	G	$-98-7^{\wedge}6^*543^*2^*1$
-122281888	G	$-9^{\wedge}8+76^{\wedge}5^*-4^{\wedge}-3^*2+1$	-127766913	G	$-98-7^{\wedge}6^*543^*2-1$
-122567041	P	$-(98^*(7-6^*5^{\wedge}4)+3)^{\wedge}2^*1$	-127925690	G	$(9-8^{\wedge}7)^*(65-4)+32+1$
-122657200	G	$-9+(8+(7-(6-5^{\wedge}4))^{\wedge}3)/-2+1$	-127925713	G	$(9-8^{\wedge}7)^*(65-4)+3^{\wedge}2+1$
-122781089	P	$-9^{\wedge}8+7^*(-(6+5+4)^{\wedge}(3^*2)+1)$	-127926312	G	$-9-8^{\wedge}7^*(65-4)-32+1$
-122781096	P	$-9^{\wedge}8+7^*(-(6+5+4)^{\wedge}(3^*2)^*1)$	-127926314	G	$-9-8^{\wedge}7^*(65-4)-32-1$
-122931200	P	$-98^*((7/(6^*5+4^{\wedge}3))^{\wedge}-2^*1)$	-128026295	G	$(9^{\wedge}8-(7+6)^{\wedge}5+4)^*-3+2-1$
-123032018	P	$-(9+8+7^*(65^*4)^{\wedge}3+2)+1$	-128577544	P	$-9^{\wedge}8+7^{\wedge}6^*(-(5+4)^{\wedge}3+2)^*1$
-123032059	G	$-9^*8-7^*((65^*4)^{\wedge}3-2)-1$	-128577545	P	$-9^{\wedge}8+7^{\wedge}6^*(-(5+4)^{\wedge}3+2)-1$
-123032083	G	$-98-7^*((65^*4)^{\wedge}3-2)+1$	-128789091	P	$-(9^{\wedge}8-7^{\wedge}6+5^{\wedge}4)^*3^{\wedge}(2-1)$
-123070329	G	$((-9-8)^*7^{\wedge}6-5^{\wedge}(4^*3))/(2^*1)$	-128812840	P	$-(9^{\wedge}8+7^{\wedge}6^*(5+4)^{\wedge}3)+2^*1$
-123210001	P	$-((-9^*(8^*76+5^{\wedge}4)-3)^{\wedge}2-1)$	-128962412	P	$-(9-((-87+6)^*5+4)^{\wedge}3^*2)-1$
-123232201	P	$-((9+8)^*(76+(-5-4)^{\wedge}3))^{\wedge}2^*1$	-129048141	P	$-9^{\wedge}8+7^{\wedge}6^*(-(5+4)^{\wedge}3+2)-1$
-123343235	P	$-((-9-8^*76)^*54/3)^{\wedge}2+1$	-129117201	P	$-(9^{\wedge}8-7654)^*3^{\wedge}(2-1)$
-123668233	G	$-9^{\wedge}8-(-7+6^{\wedge}(5+4))^*(3^{\wedge}2-1)$	-129137856	P	$-(9^{\wedge}8-765-4)^*3^{\wedge}(2-1)$
-123668288	P	$-(9^{\wedge}8+(7+65)^{\wedge}4^*3)+2-1$	-129137880	P	$-(9^{\wedge}8-765+4)^*3^{\wedge}(2-1)$
-123753936	G	$-9^{\wedge}8-7^{\wedge}(6/(5-4)+3)^*2-1$	-129138162	P	$-(9^{\wedge}8-7^*6-5^{\wedge}4)^*3^{\wedge}(2-1)$
-124198282	G	$-9+((8^*(-7-6)+5)^*4)^{\wedge}3^*2-1$	-129138180	P	$-(9^{\wedge}8-7-654)^*3^{\wedge}(2-1)$
-124587622	G	$-9^{\wedge}8-(7^*6^*5^{\wedge}43)^{\wedge}2-1$	-129138222	P	$-(9^{\wedge}8+7-654)^*3^{\wedge}(2-1)$
-124954404	G	$-9+8-7^*(65^{\wedge}4+3+2-1)$	-129138290	P	$-(9^{\wedge}8-((-7+6)^*5)^{\wedge}4)^*3-(2^*1)$
-124954488	G	$-9^*8-7^*(65^{\wedge}4+3^*2)+1$	-129138414	P	$-(9^{\wedge}8+7^*6-5^{\wedge}4)^*3^{\wedge}(2-1)$
-124954514	G	$-98-7^*(65^{\wedge}4+3^*2)+1$	-129138786	P	$-(9^{\wedge}8-7^*65-4)^*3^{\wedge}(2-1)$
-125077964	G	$-9^{\wedge}8-7^*(6^*5^{\wedge}(4+3+2)-1)$	-129138810	P	$-(9^{\wedge}8-7^*65+4)^*3^{\wedge}(2-1)$
-125077971	G	$-9^{\wedge}8-7^*6^*(5^{\wedge}(4+3+2)^*1)$	-129139011	P	$-(9^{\wedge}8-76^*5-4)^*3^{\wedge}(2-1)$
-125126596	P	$-(987^*(6^*5+4)/3)^{\wedge}2^*1$	-129139035	P	$-(9^{\wedge}8-76^*5+4)^*3^{\wedge}(2-1)$
-125347320	G	$9^*8^*-7^*((6^{\wedge}5-4)^*32+1)$	-129139362	P	$-(9^{\wedge}8-7-65^*4)^*3^{\wedge}(2-1)$
-125347904	G	$-9^{\wedge}8-(7/6^{\wedge}(-5+4-3))^{\wedge}2+1$	-129139394	P	$-(9^{\wedge}8-(-7-6)+5)^{\wedge}4)^*3+2-1$
-125484493	P	$-(9+(8+76+5)^{\wedge}4-3)^*2+1$	-129139773	P	$-(9^{\wedge}8-76-54)^*3^{\wedge}(2-1)$
-125484507	G	$(9+(8+76+5)^{\wedge}4+3)^*-2-1$	-129139875	P	$-(9^{\wedge}8-76-5^*4)^*3^{\wedge}(2-1)$
-125496838	G	$(98-(7+6)^{\wedge}(-5+4^*3))^*2^*1$	-129139932	P	$-(9^{\wedge}8-76-5+4)^*3^{\wedge}(2-1)$
-125497000	G	$(9+8-(7+6)^{\wedge}(-5-4^*-3))^*2^*1$	-129139938	P	$-(9^{\wedge}8-76+5-4)^*3^{\wedge}(2-1)$
-125497032	G	$(9-8-(7+6)^{\wedge}(-5-4^*-3))^*2^*1$	-129139977	P	$-(9^{\wedge}8+7-65-4)^*3^{\wedge}(2-1)$
-125497036	P	$-(9-8+(7+6)^{\wedge}(-5+4^*3))^*2^*1$	-129140001	P	$-(9^{\wedge}8+7-65+4)^*3^{\wedge}(2-1)$
-125497060	G	$-9+(-8-(7+6)^{\wedge}(-5-4^*-3))^*2-1$	-129140097	P	$-(9^{\wedge}8-76+54)^*3^{\wedge}(2-1)$
-125497068	P	$-(9+8+(7+6)^{\wedge}(-5+4^*3))^*2^*1$	-129140100	P	$-(9^{\wedge}8-7+6-5^*4)^*3^{\wedge}(2-1)$
-125497230	G	$(98+(7+6)^{\wedge}(-5+4^*3))^*-2^*1$	-129140220	P	$-(9^{\wedge}8-7+6+5^*4)^*3^{\wedge}(2-1)$
-125619810	P	$-(9+8)+(7-(6+5^{\wedge}4)^{\wedge}3)/2-1$	-129140229	P	$-(9^{\wedge}8+76-54)^*3^{\wedge}(2-1)$

-129140325	P	$-(9^8-7+65-4) * 3^{\wedge}(2-1)$	-134400043	P	$-(9-8)-7 * 6 * ((5 * 4)^{\wedge}(3+2)+1)$
-129140328	P	$-(9^{\wedge}8+7-6+54) * 3^{\wedge}(2-1)$	-134400059	P	$-(9+8)-7 * 6 * ((5 * 4)^{\wedge}(3+2)+1)$
-129140451	P	$-(9^{\wedge}8+7 * 6+54) * 3^{\wedge}(2-1)$	-134444025	P	$-(9 * (8-(7-6+5)^{\wedge}4)-3)^{\wedge}2 * 1$
-129140553	P	$-(9^{\wedge}8+7+54) * 3^{\wedge}(2-1)$	-134775334	P	$-(9-8)+(7 * 6)^{\wedge}5 * (-4^{\wedge}-3 * 2-1)$
-129140964	P	$-(9^{\wedge}8+7+65 * 4) * 3^{\wedge}(2-1)$	-134775350	P	$-(9+8)+(7 * 6)^{\wedge}5 * (-4^{\wedge}-3 * 2-1)$
-129141315	P	$-(9^{\wedge}8+7 * 6 * 5+4) * 3^{\wedge}(2-1)$	-134780570	P	$-(9^{\wedge}8+(7 * 65-4)^{\wedge}3)+2 * 1$
-129141540	P	$-(9^{\wedge}8+7 * 65+4) * 3^{\wedge}(2-1)$	-134780573	P	$-(9^{\wedge}8+(7 * 65-4)^{\wedge}3+2)+1$
-129141810	P	$-(9^{\wedge}8-7+5^{\wedge}4) * 3^{\wedge}(2-1)$	-134780575	P	$-(9^{\wedge}8+(7 * 65-4)^{\wedge}3+2)-1$
-129141912	P	$-(9^{\wedge}8-7 * 6+5^{\wedge}4) * 3^{\wedge}(2-1)$	-134792100	P	$-(9 / (8-7)) * 6 * 5 * 43)^{\wedge}2 * 1$
-129142035	P	$-(9^{\wedge}8-7+6+5^{\wedge}4) * 3^{\wedge}(2-1)$	-135266314	G	$-9-8^{\wedge}7 * (65-(4-3) / 2)-1$
-129142039	P	$-(9^{\wedge}8+((7-6) * 5)^{\wedge}4) * 3-(2-1)$	-136002736	G	$-9+(8-7 * (6+5))^{\wedge}4 * -3 * 2-1$
-129142040	P	$-(9^{\wedge}8+((7-6) * 5)^{\wedge}4) * 3-(2 * 1)$	-136048869	G	$-9+8 * ((7-(6 * 5^{\wedge}4)^{\wedge}3) / 2+1)$
-129142077	P	$-(9^{\wedge}8+7+6+5^{\wedge}4) * 3^{\wedge}(2-1)$	-136048904	G	$(-9-(-8+7)) * ((6 * 5^{\wedge}4)^{\wedge}3 / 2+1)$
-129142104	P	$-(9^{\wedge}8-7+654) * 3^{\wedge}(2-1)$	-136048923	G	$9-8 * ((7+(6 * 5^{\wedge}4)^{\wedge}3) / 2+1)$
-129142146	P	$-(9^{\wedge}8+7+654) * 3^{\wedge}(2-1)$	-136048959	P	$-9 * (-(-8-((7-6+5)^{\wedge}4 * 3)^{\wedge}2)-1)$
-129142164	P	$-(9^{\wedge}8+7 * 6+5^{\wedge}4) * 3^{\wedge}(2-1)$	-136053321	P	$-(9-8^{\wedge}7) * 65+4^{\wedge}-(-3 * 2 * 1)$
-129142266	P	$-(9^{\wedge}8+7+6+5^{\wedge}4) * 3^{\wedge}(2-1)$	-136079896	P	$-9-8 * -7 * (-6 * 5)^{\wedge}4 * 3+2+1$
-129142470	P	$-(9^{\wedge}8+7+65+4) * 3^{\wedge}(2-1)$	-136298504	G	$-9-8^{\wedge}7 * (65-4^{\wedge}-3 / 2)+1$
-129163125	P	$-(9^{\wedge}8+7654) * 3^{\wedge}(2-1)$	-136306314	P	$-(9-(8-7 * 6)^{\wedge}5+4) * 3-(2+1)$
-129163482	P	$-(9^{\wedge}8-7+6^{\wedge}5+4) * 3^{\wedge}(2-1)$	-136310198	G	$(9-8^{\wedge}7) * 65+4^{\wedge}(3^{\wedge}2)+1$
-129163524	P	$-(9^{\wedge}8+7+6^{\wedge}5+4) * 3^{\wedge}(2-1)$	-136312447	P	$-(-9+8^{\wedge}7) * 65+43^{\wedge}2-1$
-129184063	P	$-(9^{\wedge}8-7+(6+5)^{\wedge}4) * 3+2 * 1$	-136313617	G	$(-9-8^{\wedge}7) * 65+43^{\wedge}2-1$
-129184067	P	$-((9^{\wedge}8-7+(6+5)^{\wedge}4) * 3+2) * 1$	-136314150	P	$-(-9+8^{\wedge}7) * 65+(4 * 3)^{\wedge}2+1$
-129283856	G	$9 * (8+(-7+6^{\wedge}5) * -43^{\wedge}2)+1$	-136314247	G	$(9-8^{\wedge}7) * 65+(4+3)^{\wedge}2-1$
-129330300	P	$(9 * 8 * 7 * -6^{\wedge}5+4) * -(-32-1)$	-136315021	P	$-(9+8^{\wedge}7 * 65)-4 * (32+1)$
-129494985	P	$-(9^{\wedge}8+7 * 6+5^{\wedge}4) * 3^{\wedge}(2-1)$	-136315417	G	$(-9-8^{\wedge}7) * 65+(4+3)^{\wedge}2-1$
-129783655	P	$-(9-8)+(7 * 6)^{\wedge}5 * ((4 * 3)^{\wedge}-2-1)$	-136331272	G	$-9-8^{\wedge}7 * (65+4^{\wedge}-3 / 2)+1$
-129783671	P	$-(9+8)+(7 * 6)^{\wedge}5 * ((4 * 3)^{\wedge}-2-1)$	-136410227	P	$-(9+8)-7 * ((6+5)^{\wedge}(4+3)+2)+1$
-129847048	G	$-9-(8+(7+6+5^{\wedge}4)^{\wedge}3) / 2+1$	-136839161	G	$9 * -8^{\wedge}7 * (6+5 / 4) * -3 * -2+1$
-130174209	G	$-9^{\wedge}8+(-7 * 6)^{\wedge}5 / (4-3 / 2-1)$	-136841787	G	$-9-87 * 6 * (5+4^{\wedge}(3^{\wedge}2 * 1))$
-130254053	G	$(9^{\wedge}8+(7+6)^{\wedge}5+4) * -3+2-1$	-136875010	G	$-9-876 / 5^{\wedge}(-4-3) * 2-1$
-130429105	P	$-(9+8+(7 * 6)^{\wedge}5)+4^{\wedge}(3^{\wedge}2 * 1)$	-137262924	G	$9 / 8 * (7^{\wedge}6-5^{\wedge}(4 * 3)) / (2 * 1)$
-130429160	P	$-9 * 8+(-7 * 6)^{\wedge}5+4^{\wedge}-(-3^{\wedge}2 * 1)$	-137363466	G	$-9-8^{\wedge}7 * (65+(4-3) / 2)-1$
-130687154	P	$-(9+(8+(7 * 6)^{\wedge}5))+4^{\wedge}(3^{\wedge}2)-1$	-137663289	P	$-(9 * (8+(7-6+5)^{\wedge}4)-3)^{\wedge}2 * 1$
-130689310	G	$9 * 8-(7 * 6)^{\wedge}5+43^{\wedge}2+1$	-137979280	G	$-9-8 * (7-65 / 4^{\wedge}-3)^{\wedge}2+1$
-130689385	G	$-9+8+(-7 * 6)^{\wedge}5+43^{\wedge}2-1$	-138355164	G	$(98 * 7^{\wedge}6-5) * 4 * -3^{\wedge}(2-1)$
-130689401	P	$-(9+8+(7 * 6)^{\wedge}5)+43^{\wedge}2-1$	-138355284	G	$(98 * -7^{\wedge}6-5) * 4 * 3^{\wedge}(2-1)$
-130690226	P	$-9-(8+(-7 * -6)^{\wedge}5-4^{\wedge}-(-3-2))-1$	-138411001	G	$9 / 8 * 7 * (-65 * 4)^{\wedge}3-(2-1)$
-130690305	G	$-98-(7 * 6)^{\wedge}5+4^{\wedge}(3+2)+1$	-138444810	P	$-9+8 / -((-7-6) * 5 / 4^{\wedge}-3)^{\wedge}-2-1$
-130690897	G	$-98-(7 * 6)^{\wedge}5+43^{\wedge}2+1$	-138911120	G	$-9-8 * (7+65 / 4^{\wedge}-3)^{\wedge}2+1$
-130692274	P	$-9-(8+(-7 * -6)^{\wedge}5+4^{\wedge}-(-3-2))-1$	-139854276	P	$-((9 * -8-7+6) * 5^{\wedge}4 * 3)^{\wedge}2 * 1$
-130692353	G	$-98-(7 * 6)^{\wedge}5-4^{\wedge}(3+2)+1$	-139996224	P	$-((-987+6-5) * 4 * 3)^{\wedge}2 * 1$
-130693008	G	$9 * 8-(7 * 6)^{\wedge}5-43^{\wedge}2+1$	-140493609	P	$-((9 * 8+7 / 6) * (5^{\wedge}4 * 3))^{\wedge}2 * 1$
-130693099	P	$-(9+8+(-7 * 6)^{\wedge}5)+43^{\wedge}2-1$	-140541496	P	$-9^{\wedge}8+7 * (-6 * (-5^{\wedge}4+3))^{\wedge}2-1$
-130695346	P	$-(9+(8+(7 * 6)^{\wedge}5))-4^{\wedge}(3^{\wedge}2)-1$	-140607954	G	$-9-(-8 * (7+(-65 * 4)^{\wedge}3)+2)+1$
-130695426	P	$-(98+(7 * 6)^{\wedge}5)-4^{\wedge}(3^{\wedge}2 * 1)$	-140608066	G	$-9-(8 * (7+(65 * 4)^{\wedge}3)+2)+1$
-130953377	G	$-9+8-(7 * 6)^{\wedge}5-(4^{\wedge}(3^{\wedge}2 * 1))$	-140612144	P	$9+8 * (-7 * (6+5)^{\wedge}4+3) / 2-1$
-130953448	G	$-9 * 8-(7 * 6)^{\wedge}5-(4^{\wedge}(3^{\wedge}2 * 1))$	-140612186	P	$-9-8 * (-7 * (6+5)^{\wedge}4+3) / 2-1$
-130953474	G	$-98-(7 * 6)^{\wedge}5-(4^{\wedge}(3^{\wedge}2 * 1))$	-140625073	P	$9 * 8 * -(7-(6-5^{\wedge}(4+3+2))) -1$
-131079593	P	$-(9+87+6+5)^{\wedge}4+3^{\wedge}2-1$	-140630473	P	$9 * 8 * -(76+5^{\wedge}(4-(-3-2))) -1$
-131079605	P	$-((9+87+6+5)^{\wedge}4+3+2)+1$	-141087835	P	$-(98+(7 * 6^{\wedge}(5+4)-3) * 2)+1$
-131079611	P	$-((9+87+6+5)^{\wedge}4+3^{\wedge}2)-1$	-141158201	G	$-9-((8 * (7+6)+5)^{\wedge}4+32)-1$
-131239936	P	$-((-98-76-5) / 4^{\wedge}-3)^{\wedge}2 * 1$	-141158203	G	$-9-((8 * (7+6)+5)^{\wedge}4+32+1)$
-131470284	P	$(9^{\wedge}8-7^{\wedge}6) * -(5 / 4-3)^{\wedge}2-1$	-141348320	P	$-(9 * (-8 * 7 * 6-5) * 4+3)^{\wedge}2+1$
-131598811	P	$-(9-8)+(7 * 6)^{\wedge}5 * (-4 * 3)^{\wedge}-2-1$	-141348321	P	$-(9 * (-8 * 7 * 6-5) * 4+3)^{\wedge}2 * 1$
-131598827	P	$-(9+8)+(7 * 6)^{\wedge}5 * (-4 * 3)^{\wedge}-2-1$	-141781250	G	$-9 * (-8^{\wedge}7+65^{\wedge}4)+3 * 2+1$
-131819298	G	$(9^{\wedge}8+7^{\wedge}6 * 5^{\wedge}4 * 3) / (-2 * 1)$	-141991215	G	$-9-((8+(7+6) * 5)^{\wedge}4 * (3+2)+1)$
-132299853	G	$-9^{\wedge}8-7-65^{\wedge}4 * (3+2) * 1$	-142086400	P	$-((-9-8) * (76+5^{\wedge}4)-3)^{\wedge}2 * 1$
-132299881	G	$-9^{\wedge}8+(-7-65^{\wedge}4) * (3+2) * 1$	-142086401	P	$-((-9-8) * (76+5^{\wedge}4)-3)^{\wedge}2-1$
-132651010	G	$-9+((-8-7) * (6 * 5+4))^{\wedge}3-2+1$	-142344193	G	$(9-(8-7))^{\wedge}6 * -543-2+1$
-132812577	G	$-9+(8-76) * (5^{\wedge}((4+3)+2)+1)$	-142344195	G	$(9-(8-7))^{\wedge}6 * -543-2-1$
-133745923	P	$-9^{\wedge}8+(-7+6^{\wedge}-(-5-4)) / -3^{\wedge}-2-1$	-142431496	P	$-9^{\wedge}8+7 * (-6 * (5^{\wedge}4+3))^{\wedge}2-1$
-133745977	P	$-(9^{\wedge}8-7)-6^{\wedge}(5+4) * 3^{\wedge}2+1$	-142635248	P	$-9 * ((8 * 7 * 6-5) * 4+3)^{\wedge}2+1$
-133745991	G	$-9^{\wedge}8-7-6^{\wedge}(5+4) * 3^{\wedge}2+1$	-142635249	P	$-9 * ((8 * 7 * 6-5) * 4+3)^{\wedge}2 * 1$
-133746048	P	$-9^{\wedge}8+(-7-6^{\wedge}-(-5-4)) / 3^{\wedge}-2 * 1$	-142805114	G	$-9-8 * (7+65^{\wedge}4+3 * 2)-1$
-133746049	P	$-9^{\wedge}8+(-7-6^{\wedge}-(-5-4)) / 3^{\wedge}-2-1$	-142805136	P	$(9+8+((7+6) * 5)^{\wedge}4) * -(3^{\wedge}2-1)$
-133923140	P	$-(9-8)-7 * ((6 * (5+4)^{\wedge}3)^{\wedge}2+1)$	-142805145	G	$-9-8 * (7+65^{\wedge}4+3^{\wedge}2)+1$
-133923150	P	$-(9+8)-7 * (6 * (5+4)^{\wedge}3)^{\wedge}2-1$	-142945936	P	$-(98 * (7-65^{\wedge}4 * 3))^{\wedge}2 * 1$
-133923156	P	$-(9+8)-7 * ((6 * (5+4)^{\wedge}3)^{\wedge}2+1)$	-143278593	G	$(9-8 * 7+6-5)^{\wedge}4 * -32-1$
			-143448529	P	$-((-9-8 * 76) * 5 * -4-3)^{\wedge}2 * 1$

-143593635	G	$(9^8-76+5^4(4^3))/(-2^*1)$	-150999629	P	$-(9^*(8^7+65)^*4+3)^*2+1$
-143593652	G	$(9^8-7^*6+5^4(4^3))/(-2^*1)$	-151165315	G	$-9+(-8-7)^*(6^4(5+4)-3^2)-1$
-143593694	G	$(9^8+7^*6+5^4(4^3))/(-2^*1)$	-151165453	G	$-9-(8+7)^*6^4(5+4)-(3+2)-1$
-143593711	G	$(9^8+76+5^4(4^3))/(-2^*1)$	-151165585	G	$-9-(8+7)^*(6^4(5+4)+3^2)-1$
-143691482	G	$-9^8-7^*(6^5/43^2-1)$	-151167025	P	$-(9+8-76^*54^*3)^2+1$
-143691489	G	$-9^8-7^*6^5/43^2-2^*1$	-151270128	P	$-(9+8)-(7^*6+5)^4*(32-1)$
-143748010	G	$-9-((8+7)^*(6+5)^4)^3/2-1$	-151519242	G	$-9-8^7*(6/(54-3))^2-1$
-143823674	P	$-(9^8-7)-6^4(5+4)^*(3^2+1)$	-151531903	G	$9-8^*7^6*(54^*3-2+1)$
-143823688	G	$-9^8-7-6^4(5+4)^*(3^2+1)$	-151585326	P	$-(-9-8)-(76^*54^*3)^2+1$
-143982602	P	$-(9-((-8-76)^*5+4)^3)^2-1$	-151730167	G	$(9+8)^*(7-(65^4-3)/2)+1$
-144119952	P	$-((-9^*8+7^6/(5^*(4+3)))^2)+1$	-151730169	G	$(9+8)^*(7-(65^4-3)/2)-1$
-144120043	P	$-(9+8)+7^6*(5^*(4+3))^2-1$	-151730218	G	$(9+8)^*(7-(65^4+3)/2)+1$
-144120122	G	$-98-7^6/(5^*(4+3))^2+1$	-151730220	G	$(9+8)^*(7-(65^4+3)/2)-1$
-144237675	P	$-(9-8)+7^6*(5^*(4+3))^2-1$	-151730405	G	$(-9-8)^*(7+(65^4-3)/2)+1$
-144237691	P	$-(9+8)+7^6*(5^*(4+3))^2-1$	-151730407	G	$(-9-8)^*(7+(65^4-3)/2)-1$
-144702857	G	$(9-8^7)^*(65+4)+3^2+1$	-151730456	G	$(-9-8)^*(7+(65^4+3)/2)+1$
-144703528	G	$-9-8^7*(65+4)-32+1$	-151730458	G	$(-9-8)^*(7+(65^4+3)/2)-1$
-144895185	P	$-(9^8+(7-65)^4)^3)^2+1$	-152349649	P	$-((9+8^*76)^*5^*-4-3)^2+1$
-145371249	P	$-((-9^*(8+7^*65)+4)^3)^2+1$	-152843769	P	$-((-9-8-76^*54)^*3)^2+1$
-146409990	P	$-(9-8+7^6)^5(4+3)^2+1$	-153055074	G	$-9-8^*(7+(6^*(5+4)^3))^2-1$
-146410008	P	$-((-98+76)^5)^4-3^2+1$	-153055169	G	$(9^8(8-(7-6))+5)^*-4^3/2-1$
-146484309	G	$-9-(-8-7)^*(6-5^4(4+3^2)-1)$	-153281249	G	$(-98+6)/5^4(-4-3)^2+1$
-146484475	P	$-(9+(8+7)^*(6+5^4(4+3^2)))-1$	-153855450	G	$-9^*(8+7)^6*(5^4+3)/(2^*1)$
-146765492	G	$9/(-8^*(7^*6)^5+4^3)^2+1$	-154057744	P	$-((98^*76^*-5+4)/3)^2+1$
-146797456	P	$-(98^*7^6+(5^*4)^3)^2+1$	-154430329	P	$(9+8)^-(7-6-5)^*(43^2+1)$
-146801691	P	$-((9+8^7)-6)^5*(4^3+2)-1$	-154457898	G	$-9+(8-76^*(5+4))^3/2-1$
-146938744	G	$((98-7^6)^5(4+3)^2+1$	-154977601	P	$-(98^*(7-6^*-5^4)+3)^2+1$
-146938756	G	$((98-7^6)^5(4-3)^2+1$	-155422889	P	$-(987^*(6+54^3)-2)-1$
-146971244	G	$((9^8-7^6)^5(4+3)^2+1$	-155500900	P	$-(9/(87^*6^*5^43))^2+1$
-146971256	G	$((9^8-7^6)^5(4-3)^2+1$	-155600676	P	$-((-9+8-76)^*54^*3)^2+1$
-147039994	G	$((9+8-7^6)^5(4+3)^2+1$	-155708958	P	$-(9-(8+(7^*(-65+4))^3)^2)+1$
-147040006	G	$((9+8-7^6)^5(4-3)^2+1$	-155708982	P	$-(9+8+(7^*(65-4))^3)^2+1$
-147051235	G	$9+((8-7^6)^5(4+3)^2+1$	-155708990	P	$-(9+(8+(7^*(65-4))^3)^2)+1$
-147051247	G	$9+((8-7^6)^5(4-3)^2+1$	-155897336	G	$-9+8^*(7+(-6-5)^4(4+3)-2)+1$
-147051261	G	$(-9+(-8+7^6)^*-5^4(4+3)^2+1$	-156149546	P	$-(9-(8-(7^*6+5)^4)^3)^2-1$
-147059994	G	$(-9-(8-7^6)^5(4+3)^2+1$	-156150058	P	$-(9+(8+(7^*(65+4)^3)^2)-1$
-147060006	G	$((9-8-7^6)^5(4-3)^2+1$	-156175008	P	$-((98/7+6)/5^4-4-3)^2+1$
-147061260	P	$-(9+8-(7^6*5^4+3)^2)+1$	-156211681	G	$-9^8+(7-65)^4*(3^2-1)$
-147071235	G	$9-((8+7^6)^5(4-3)^2+1$	-156325008	P	$-(98/7+6)^5(4+3)^2+1$
-147071247	G	$9-((8+7^6)^5(4+3)^2+1$	-156575169	P	$-((-9^*(8-7^*65)+4)^3)^2+1$
-147289780	G	$9/(-8^*(7^*6)^5)-(4^3(3^2+1))$	-157351928	P	$-(98-7^*6^*5)^4+3^2-1$
-147656293	G	$-9+8-7^6*(5^4(4+3)^2+1$	-157351940	P	$-((98-7^*6^*5)^4+3+2)+1$
-147806209	P	$(9^8)^-(7-6+5)^*(4+3/2)-1$	-157680001	G	$9^*-876^*5^4*3^2-1$
-148175994	P	$-(9-8^*(7^*(6+54))^3)^2-1$	-157838142	P	$9^*((8-7)+6+5)^*(4^3/2+1)$
-148181929	P	$-(987^*(-6-5-4/3))^2+1$	-158203053	G	$-9-(87-6)^*(5^4((4+3)+2)-1)$
-148437648	G	$-9^8-76^*(5^4(4+(3+2))+1)$	-158902923	G	$-9^8+(7+6-54)^3(3+2)-1$
-148862529	P	$-9^8-7^*-6^4(-5-4)^*(3/2+1)$	-158986881	P	$-(9^*(8-7^*65-4)^3)^2+1$
-148862536	G	$-9^8-7^*(6^4(5+4)^3/2+1)$	-159062544	P	$-((9+(8-(7-6))^5)/4^3)^2+1$
-148897802	G	$-9-8^7*(65+4^3/2)-1$	-159384017	P	$-(9+(8^7+6)^*(-5+43)^2)^*1$
-148960001	G	$98^*-76^*5^4*3^2-1$	-159386601	G	$-9-8^*76^*(5+4^3(3^2+1))$
-149035264	P	$-(9/(8^*7^*654^*3))^2+1$	-160655745	G	$(-9-8)^*7-65^4/3^2-1$
-149361425	G	$-9-8^*((7^*6)^5/(4+3)+2)-1$	-160655986	P	$9^*-8+(8-(7-6)^5)^4+32)-1$
-149361432	G	$-9-8^*((7^*6)^5/(4+3)+2)+1$	-160656384	P	$-(9^*(87+65^4-3)+2)-1$
-149361434	G	$-9-8^*((7^*6)^5/(4+3)+2)-1$	-161239204	P	$-(9^*87^*6+(5^*4)^3)^2+1$
-150062500	P	$-(98^*((7-6)^5+4)^3)^2+1$	-161243026	G	$-9+(8^*(7+6^4(5+4))-3)^*-2+1$
-150150428	G	$-9^8+(-7+65^4)^*-3^2+1$	-161243306	P	$-(9+8^*(7+(6^4(5+4)+3))^2)-1$
-150150464	G	$-9^8+7-65^4*3^2+1$	-161635048	G	$-9^8+(7+(6-5^4)^3)/2-1$
-150150478	G	$-9^8-7-65^4*3^2+1$	-161635054	G	$-9^8-(7-(6-5^4)^3)/2^*1$
-150150512	G	$-9^8+(-7-65^4)^*3^2+1$	-161635055	G	$-9^8-(7-(6-5^4)^3)/2-1$
-150332121	P	$-((-9-8+76^*54)^*3)^2+1$	-162089512	G	$-9^8-7^*((6^*54)^3/2+1)$
-150390626	G	$(-9+8-76)^5(4+(3+2))-1$	-162307600	P	$-(98^*(7-6^*-5^4+3))^2+1$
-150542139	G	$-9^8+7-(6^5*4/3)^2-1$	-162409536	P	$(9-(8+7))^6*((5-4^3)^2+1)$
-150542153	G	$-9^8-(7+(6^5*4/3))^2-1$	-162620945	G	$9^8(8-(7-6))^*(5-4^3)^2+1$
-150663498	P	$-(9^8+7)^6(6-5)^*(4+3)/2+1$	-162760985	G	$(9^8+7^6(6+5+4+3))/(-2^*1)$
-150663522	P	$(9^8*7^*-6-5)^4(4+3)/2+1$	-162819082	G	$-9+8^7-((6+5)^4)^3(3+2)-1$
-150663525	G	$(9^8*7^*(6-5)^4(4+3))/(-2^*1)$	-163098440	P	$-(9^*(876+543))^2+1$
-150896655	P	$9^*-8^-(7-6-5)-4/3)^2+1$	-163577913	G	$9+(8^7*6+5)^*(-4-3^2)-1$
-150995023	P	$-(9^*(8^7+6-5)^4+3)^2+1$	-163815302	G	$(9^8-7^*65^4+3)^*2+1$
-150995333	G	$-9^*(8^7+6-5)+43)^2+1$	-163815314	G	$(9^8-7^*65^4-3)^*2+1$
-150998833	G	$9^*(-8^7(7+6-5)-432)-1$	-163840003	P	$((9-8+7)^6*5^4+3)^*(2-1)$

-164062593	G	$-9 - (8+76) * (5^{\wedge}((4+3)+2)+1)$	-170698623	P	$-(98*7*6^{\wedge}5-4)*32+1$
-164916219	G	$-9+8+7-((6+5)*4)^{\wedge}(3+2)-1$	-170701704	P	$-((9^{\wedge}8-(7+6)^{\wedge}5)*4-3^{\wedge}2)-1$
-164916247	P	$-(9+8)-7-((6+5)*4)^{\wedge}(3+2)+1$	-170813535	P	$-(9^{\wedge}8+7^{\wedge}6*543*2)*1$
-164916288	G	$-9-8*7-((6+5)*4)^{\wedge}(3+2)+1$	-170851041	P	$-(9*8+7*(-6+5^{\wedge}4)*3)^{\wedge}2*1$
-165686952	P	$-(9+(8+76*(5+4))^{\wedge}3/2)+1$	-170955625	P	$-(9/(8+7^{\wedge}6+54/3))^{\wedge}-2*1$
-165703909	P	$-(9^{\wedge}8+(7-6+5^{\wedge}4)^{\wedge}3/2)*1$	-171086399	P	$-((98+7^{\wedge}6)/(5+4)-3)^{\wedge}2+1$
-166015863	G	$-(9-8)*7+6+5^{\wedge}(4+3*2)+1$	-171374281	P	$-(9/(8+7^{\wedge}6+54*3))^{\wedge}-2*1$
-166016356	P	$(-9-8)*(-7*6-5^{\wedge}(4+3*2))-1$	-171532023	G	$9*(8-7^{\wedge}6*54)*3+2+1$
-166016934	G	$(-9-8)*7+6+5^{\wedge}(4+3*2)+1$	-171532025	G	$9*(8-7^{\wedge}6*54)*3+2-1$
-166078706	G	$-9^{\wedge}8-7*((65*4)^{\wedge}3-2)+1$	-171532027	G	$9*(8-7^{\wedge}6*54)*3-2+1$
-166078718	P	$-(9^{\wedge}8+7*(65*4)^{\wedge}3-2)+1$	-171532029	G	$9*(8-7^{\wedge}6*54)*3-2-1$
-166078734	P	$-9^{\wedge}8-7*((-65*4)^{\wedge}3-2)+1$	-171532259	P	$-(9+(8+7+6)^{\wedge}(5+(-4-3)))^{\wedge}2+1$
-166078735	P	$-9^{\wedge}8-7*((-65*4)^{\wedge}3-2)*1$	-171532340	G	$-98-7^{\wedge}6/((5+4)^{\wedge}-3/(2*1))$
-166810890	P	$-(9+(87-(6+5))^{\wedge}4*(3+2))-1$	-171543914	G	$-9+(-8-7^{\wedge}6)^*(5+4)^{\wedge}3*2+1$
-167042008	G	$-9-((8-7*6)*5)^{\wedge}4/(3+2)-1$	-171793450	P	$-(9*8*-7*(6+5*4)-3)^{\wedge}2-1$
-167521249	P	$-((-9*(-8+7*6)+5)*43)^{\wedge}2*1$	-171872100	P	$-((9+8*7*6)*(5-43))^{\wedge}2*1$
-168000865	G	$-9^{\wedge}8-7*(65^{\wedge}4-32-1)$	-172186833	G	$(9^{\wedge}8-7-6)/(5/4-3/2)-1$
-168001032	G	$-9^{\wedge}8-7*(65^{\wedge}4-3^{\wedge}2)+1$	-172186859	P	$((-9^{\wedge}8+7)^{\wedge}(6-5)*-4+3)*-(2-1)$
-168001033	P	$-9^{\wedge}8-7*(65^{\wedge}4-3^{\wedge}-(-2*1))$	-172186866	G	$(9^{\wedge}8-7)^{\wedge}(6-5)*-4-3^{\wedge}2-1$
-168001055	G	$-9^{\wedge}8-7*(65^{\wedge}4-3*2)-1$	-172186900	G	$(9^{\wedge}8-7+6+5)/(-4^{\wedge}(-3+2)*1)$
-168001062	G	$-9^{\wedge}8-7*(65^{\wedge}4-(3+2))-1$	-172217960	G	$(9^{\wedge}8-7+6^{\wedge}5)/(-4^{\wedge}(-3+2)*1)$
-168001063	G	$-9^{\wedge}8-7/65^{\wedge}-4+32+1$	-172254112	P	$-(9^{\wedge}8+7^{\wedge}6(6-5+4))^*(3+2-1)$
-168001064	G	$-9^{\wedge}8-7/65^{\wedge}-4+32*1$	-172657460	G	$(9^{\wedge}8+7^{\wedge}6-5)/(-4^{\wedge}(-3+2)*1)$
-168001093	G	$-9^{\wedge}8-7/65^{\wedge}-4+3^{\wedge}(2-1)$	-172685882	P	$-((-9-8)*7(6-5*4*3))^{\wedge}2-1$
-168001101	G	$-9^{\wedge}8-7/65^{\wedge}-4-(3+2*1)$	-172830375	G	$-9^{\wedge}8+(7*6)^{\wedge}5*((4*3)^{\wedge}-2-1)$
-168001102	G	$-9^{\wedge}8-7/65^{\wedge}-4-(3+2+1)$	-173211920	P	$9/-(876*5+4+3)^{\wedge}-2+1$
-168001105	G	$-9^{\wedge}8-7/65^{\wedge}-4-3^{\wedge}(2*1)$	-173475809	P	$-9^{\wedge}8+(-7*6)^{\wedge}5+4^{\wedge}-(-3^{\wedge}2*1)$
-168001128	G	$-9^{\wedge}8-7/65^{\wedge}-4-(32*1)$	-173672048	P	$-((9^{\wedge}8-(7-6)^{\wedge}5)*4-3^{\wedge}2)-1$
-168001132	G	$-9^{\wedge}8-7*(65^{\wedge}4+3+2)-1$	-173672049	G	$(9^{\wedge}8-(-7-6)^{\wedge}5)*-4+3*2+1$
-168001139	G	$-9^{\wedge}8-7*(65^{\wedge}4+3*2)-1$	-173736928	P	$-(9^{\wedge}8+(7*6)^{\wedge}5)+4^{\wedge}(3+2)+1$
-168001158	G	$-9^{\wedge}8-7*(65^{\wedge}4+3^{\wedge}2)+1$	-173737824	G	$-9^{\wedge}8+(-7*6)^{\wedge}5+4*32+1$
-168001159	P	$-9^{\wedge}8-7*(65^{\wedge}4+3^{\wedge}-(-2*1))$	-173737933	P	$-(9^{\wedge}8+(7*6)^{\wedge}5-4*(3+2))*1$
-168001313	P	$-9^{\wedge}8-7*(-(-65^{\wedge}4-32)-1)$	-173737939	P	$-(9^{\wedge}8+(7*6)^{\wedge}5-4*3)+2*1$
-168143089	P	$-(9/((-8-7)*-(6^{\wedge}5+4)+3))^{\wedge}-2*1$	-173737944	P	$-(9^{\wedge}8+(7*6)^{\wedge}5-4*3+2)-1$
-168151250	P	$(9^{\wedge}8-7+6)/(5/4)^{\wedge}-3^{\wedge}-(-2*1)$	-173737947	G	$-9^{\wedge}8+(-7*6)^{\wedge}5-4*-3/2*1$
-168666514	G	$-9^{\wedge}8+(7-(6+5^{\wedge}4)^{\wedge}3)/2-1$	-173737948	G	$-9^{\wedge}8+(-7*6)^{\wedge}5-4*-3/2-1$
-168666521	G	$-9^{\wedge}8-(7+(6+5^{\wedge}4)^{\wedge}3)/2-1$	-173737956	G	$(9^{\wedge}8-(-7*6)^{\wedge}5+4)/(-3+2)+1$
-168792064	P	$-(9/(8+7^{\wedge}6-(5+4)^{\wedge}3))^{\wedge}-2*1$	-173737958	G	$(9^{\wedge}8-(-7*6)^{\wedge}5+4)/(-3+2)-1$
-168896013	P	$((9+((8+7)+6)*5)^{\wedge}4-3)*-(2-1)$	-173737965	P	$(9^{\wedge}8+(7*6)^{\wedge}5+4*3)/(-2-1)$
-168896017	G	$(9+(8+(7+6))*5)^{\wedge}4/(-3+2)-1$	-173737977	G	$-9^{\wedge}8+(-7*6)^{\wedge}5-4*(3+2+1)$
-168896019	P	$-(9+(-(-8-7)+6)*5)^{\wedge}4-3^{\wedge}(2-1)$	-173737981	G	$-9^{\wedge}8-(7*6)^{\wedge}5+4-(32*1)$
-169127981	G	$-9*(87*(6+54)^{\wedge}3-2)+1$	-173737986	P	$-(9^{\wedge}8+(7*6)^{\wedge}5+4*3/2)-1$
-169156036	P	$-((-9-8)*765+4-3)^{\wedge}2*1$	-173737989	G	$-9^{\wedge}8+(-7*6)^{\wedge}5-4*3^{\wedge}(2*1)$
-169312144	P	$-((-9-8)*765+4+3)^{\wedge}2*1$	-173737996	G	$-9^{\wedge}8-(7*6)^{\wedge}5-43^{\wedge}(2-1)$
-169364195	P	$9/-(8-7*(6-5^{\wedge}4)-3)^{\wedge}-2+1$	-173738017	G	$-9^{\wedge}8+(-7*6)^{\wedge}5-4^{\wedge}3*(2-1)$
-169411103	G	$9*(8-7^{\wedge}6*5+4)*32+1$	-173738039	G	$-9^{\wedge}8+(-7*6)^{\wedge}5-43^{\wedge}2/+1$
-169411105	G	$9*(8-7^{\wedge}6*5+4)*32-1$	-173738081	G	$-9^{\wedge}8+(-7*6)^{\wedge}5-4^{\wedge}3*2^{\wedge}+1$
-169413407	G	$9*(8-7^{\wedge}6*5-4)*32+1$	-173738976	P	$-(9^{\wedge}8+(7*6)^{\wedge}5)-4^{\wedge}(3+2)+1$
-169413409	G	$9*(8-7^{\wedge}6*5-4)*32-1$	-173739802	G	$-9^{\wedge}8+(-7*6)^{\wedge}5-43^{\wedge}2*1$
-169414128	G	$-9*8*(7^{\wedge}6*5*4-3*2*1)$	-174000097	P	$-(9^{\wedge}8)-(7*6)^{\wedge}5-(4^{\wedge}(3^{\wedge}2*1))$
-169414552	G	$9-8*7^{\wedge}6*5*4*3^{\wedge}2-1$	-174254881	G	$(9*8+(-7*6)^{\wedge}5)*4/3-2+1$
-169414570	G	$-9-8*7^{\wedge}6*5*4/3^{\wedge}2-1$	-174956876	G	$9^{\wedge}8-7^{\wedge}6*(5+43)^{\wedge}2-1$
-169414992	G	$-9*8*(7^{\wedge}6*5*4+3*2*1)$	-174959351	G	$9*8*(7+(6*5)^{\wedge}4*-3+2)+1$
-169415711	G	$-9*(8+7^{\wedge}6*5-4)*32+1$	-174959493	P	$-(9*8*(-7+(6*5)^{\wedge}4*3)-2)+1$
-169415713	G	$-9*(8+7^{\wedge}6*5-4)*32-1$	-174960361	P	$9*8*(-7+(6*5)^{\wedge}4*3-2)-1$
-169418015	G	$-9*(8+7^{\wedge}6*5+4)*32+1$	-175032900	P	$-(98*(76-5+43))^{\wedge}2*1$
-169418017	G	$-9*(8+7^{\wedge}6*5+4)*32-1$	-175275367	P	$-(9*(8+76-5)^{\wedge}4+3)/2-1$
-169868762	P	$-((9*8^{\wedge}7-65)-4)*3^{\wedge}2+1$	-175403537	P	$-((-98-7*6*5)*43)^{\wedge}2-1$
-169869187	G	$(9*8^{\wedge}7+6-5*4)*-3^{\wedge}2-1$	-175765255	G	$-9-(8+(7*(6+5))^{\wedge}4)*(3+2)-1$
-169869547	G	$(9*8^{\wedge}7+6+5*4)*-3^{\wedge}2-1$	-176066360	G	$-9*(876*5+43)^{\wedge}2+1$
-169870238	G	$(9*(8^{\wedge}7+6+5)+4)*-3^{\wedge}2+1$	-177264448	P	$-(9^{\wedge}8+(7+6-5)^{\wedge}(4+3+2))+1$
-169921884	G	$-9-87*(6-5+4)^{\wedge}(3^{\wedge}2*1)$	-177264450	P	$-(9^{\wedge}8+(7+6-5)^{\wedge}(4+3+2))-1$
-169922407	G	$-9-87*(6+5^{\wedge}(4+3+2))-1$	-177446679	P	$-9^{\wedge}8-7*-6*((5*-4)^{\wedge}-(-3-2)+1)$
-169999846	G	$-9^{\wedge}8+(-7-6)*5^{\wedge}(4+3*2)*1$	-177446714	G	$-9^{\wedge}8-7*(6*(5*4)^{\wedge}(3+2)-1)$
-169999847	G	$-9^{\wedge}8+(-7-6)*5^{\wedge}(4+3*2)-1$	-177446720	G	$-9^{\wedge}8-7*6*(5*4)^{\wedge}(3+2)+1$
-169999859	G	$-9^{\wedge}8+(-7-6)*5^{\wedge}(4+3*2)+1$	-177446721	P	$-9^{\wedge}8-7*-6*((5*-4)^{\wedge}-(-3-2)*1)$
-170100024	P	$-(9+8)-7*((6*5)^{\wedge}(4+3-2)+1)$	-177635584	P	$-(98*(-7-65-4*3))^{\wedge}2*1$
-170100099	P	$-98-7/(6*5)^{\wedge}-(-4+3^{\wedge}2)-1$	-178062335	P	$9/-(8*(-7-6-543))^{\wedge}-2+1$
-170380809	P	$-(9+(-8-(7+6))*(-5^{\wedge}4+3))^{\wedge}2*1$	-178703424	P	$-(9*8-7*6*5/4^{\wedge}-3)^{\wedge}2*1$
-170615834	P	$9-((-(-8-7)+6)*(-5^{\wedge}4+3))^{\wedge}2+1$	-179199674	G	$-9-8*-7*(6-(5*4)^{\wedge}(3+2))-1$

-179200346	G	$-9 \cdot 8^7 \cdot (6 + (5^4)^{(3+2)}) - 1$	-190054395	P	$-(9+8+7)^6 + 5 + 4^4 (3^2 + 1)$
-179265321	P	$-(-9^* (-8+76^5)^4 + 3)^2 \cdot 1$	-190102040	G	$-9 \cdot 8^* ((7+6)^5 \cdot 4^3 + 2) + 1$
-179426025	P	$-(9^* (-8+76^5)^4 + 3)^2 \cdot 1$	-190107964	P	$-(9^8 - (7^6 \cdot 5^4 + 3)^2) + 1$
-179456897	G	$-9^8 + 7^* ((-6-5)^4 (4+3) + 2 + 1)$	-190107965	P	$-(9^8 - (7^6 \cdot 5^4 + 3)^2) \cdot 1$
-179456905	P	$-9^8 + 7^* ((-6+5)^4 (4+3) + 2) - 1$	-190107971	G	$-9^8 + 7^6 / (-5^4 - 4^3 (3/2 - 1))$
-179456933	P	$-9^8 + 7^* ((6+5)^4 (4+3) + 2) - 1$	-190357209	P	$-(9^* (8^7 65^4 / 4 + 3))^2 \cdot 1$
-180356028	G	$-9 + (8^7 + 6 + 5)^4 - 43^2 - 1$	-190591443	G	$-9^* (8 - 7^6 \cdot 5^4 \cdot 3^2 - 1)$
-180701175	G	$9 - 8^* (-7^6 + 5) / -4^4 - 3^* (2+1)$	-190591461	G	$-9^* (8 - 7^6 \cdot 5^4 \cdot 3^2 + 1)$
-180701193	G	$-9 - 8^* (-7^6 + 5) / -4^4 - 3^* (2+1)$	-190702964	G	$-9^8 - 7^* (6^* (5^4 \cdot 3)^2 - 1)$
-180707895	G	$9 - (-8^* 7^6 + 5) / -4^4 - 3^* (2+1)$	-190702972	G	$-9^8 - 7^* 6^* (5^4 \cdot 3)^2 - 1$
-180707913	G	$-9 - (-8^* 7^6 + 5) / -4^4 - 3^* (2+1)$	-190708593	P	$-(9+8+7)^6 + (5^4 + 3)^2 - 1$
-180737585	P	$9/8^* - (7 - 65^4 \cdot 3^2) + 1$	-190716093	P	$-(9+8+7)^6 + (-5^4 + 3)^2 - 1$
-181063928	P	$-(98+7+6+5)^4 + 3^2 - 1$	-190788047	P	$-(9+8+7)^6 + 54^3 \cdot 2 + 1$
-181063938	G	$-9 - (8^* (7-65)^4 - 3)^2 + 1$	-190808126	P	$-((9+8+7)^6 - 543^2) + 1$
-181063940	P	$-((98+7+6+5)^4 + 3 + 2) + 1$	-190808128	P	$-((9+8+7)^6 - 543^2) - 1$
-181398791	G	$(9^* (-8-7-6^4 (5+4)) + 3)^2 + 1$	-190841388	P	$-(9 + (8^7 + 6)^6 - 5^4 + 3^2) - 1$
-181440016	P	$-(9+8+7^* (6^5)^4 \cdot 32) + 1$	-190945515	P	$-(9+8+7)^6 + 54^3 - 2 - 1$
-181440024	G	$-9 - 8 - 7^* ((6^5)^4 \cdot 32 + 1)$	-191000577	P	$-(9+8+7)^6 + (5/4^4 - 3)^2 - 1$
-181440266	G	$-9 + (-8 - 7 / (6^5)^4) \cdot 32 - 1$	-191024245	P	$-(9+8+7)^6 + 54^3 / 2 - 1$
-181494784	P	$-(9^8 + 76 + (5^4)^3)^2 \cdot 1$	-191043926	P	$-(9+8+7)^6 + (5+4)^4 (3+2) + 1$
-181640626	P	$(- (9+8) - 76)^5 \cdot 5^4 (4+3+2) - 1$	-191043928	P	$-(9+8+7)^6 + (5+4)^4 (3+2) - 1$
-181640727	G	$-9 - (87+6)^* (5^4 ((4+3)+2)+1)$	-191056752	P	$-(9+8+7)^6 + (5^4 \cdot 3)^2 - 1$
-181752824	G	$(9^8 (8-7+6)^* (5-43) - 2)^* 1$	-191076733	P	$-(9+8+7)^6 + (54^3)^2 - 1$
-182358016	P	$-((-9+8-7^6 \cdot 5^4) / 4^4 - 3)^2 \cdot 1$	-191082491	P	$-(9+8+7)^6 - 5^* (-4^4 (3^2) - 1)$
-182439048	P	$-(98 - 7^6 \cdot 5^4 / 4 + 3)^2 + 1$	-191082496	P	$-(9+8+7)^6 - 5^* (-4^4 (3^2)^* 1)$
-182439050	P	$-(98 - 7^6 \cdot 5^4 / 4 + 3)^2 - 1$	-191086977	P	$-(9+8+7)^6 + (5^4)^3 \cdot 2 - 1$
-182452234	G	$-9 - 8^7 \cdot (6 + 54^3 / 2) - 1$	-191093726	P	$-(9+8+7)^6 - 5^* (-43^2 - 1)$
-182457888	G	$-9 - (8^7 + 65)^* (43^2 + 1)$	-191093732	P	$-((9+8+7)^6 - 5^4 \cdot 43^2) - 1$
-182574144	P	$-(-9^* (-876 - 5^4) + 3)^2 \cdot 1$	-191097851	P	$-(9+8+7)^6 - 5^* (-4^4 (3+2) - 1)$
-182660426	G	$(9^8 + 76 + 5)^4 / -3 + 2 - 1$	-191097856	P	$-(9+8+7)^6 - 5 / -4^4 (-3 - 2)^* 1$
-182692015	P	$-(9^8 - 7 + 65^4)^* 3 + 2^* 1$	-191097857	P	$-(9+8+7)^6 - 5 / -4^4 (-3 - 2) - 1$
-182692057	P	$-(9^8 + 7 + 65^4)^* 3 + 2^* 1$	-191098875	P	$-(9+8+7)^6 + 5 + 4^4 (3^2 \cdot 2^* 1)$
-182909845	G	$-9^8 + 7 - 654^3 / 2 + 1$	-191098885	P	$-((9+8+7)^6 + 5) + 4^4 (3^2 \cdot 2^* 1)$
-182909846	P	$-9^8 + 7 + 654^3 / - (2^* 1)$	-191098977	P	$-(9+8+7)^6 + (5^4)^3 / 2 - 1$
-183710916	P	$-(9^8 \cdot (-765 / 4 + 3))^2 \cdot 1$	-191099726	P	$-(9+8+7)^6 + (54 + 3)^2 + 1$
-183784555	P	$-(9 + (8 + 7 + 6)^5 \cdot 43 + 2) - 1$	-191100374	P	$-(9+8+7)^6 + (54 - 3)^2 + 1$
-184134422	P	$-9^8 - 7^* (-6^4 (5+4) + 3)^2 + 1$	-191100671	P	$-(9+8+7)^6 + (5+43)^2 + 1$
-184134430	P	$-9^8 - 7^* (-6^4 (5+4) + 3)^2 + 1$	-191100815	P	$-(9+8+7)^6 + 5^4 \cdot 432 + 1$
-184134458	G	$-9^8 + (-7^6 \cdot 5^4 (5+4) + 3)^2 + 1$	-191100817	P	$-(9+8+7)^6 + 5^4 \cdot 432 - 1$
-184134470	G	$-9^8 - (7^6 \cdot 5^4 (5+4) + 3)^2 + 1$	-191101121	P	$-(9+8+7)^6 + 5 + 43^2 + 1$
-184134506	G	$-9^8 - 7^* (6^4 (5+4) + 3)^2 + 1$	-191101122	P	$-(9+8+7)^6 + 5 + 43^2 \cdot 1$
-184134514	G	$-9^8 - 7^* ((6^4 (5+4) + 3)^2 + 1)$	-191101131	P	$-((9+8+7)^6 + 5 - 43^2) + 1$
-184280625	P	$-((-9 - 8 + 7^6) \cdot 543)^2 \cdot 1$	-191101133	P	$-((9+8+7)^6 + 5 - 43^2) - 1$
-184473643	P	$-(9 + (87 + 6 + 5)^4 - 4 - 3)^2 + 1$	-191101247	P	$-(9+8+7)^6 + 54^3 \cdot 2 + 1$
-184473657	G	$(9 + (87 + 6 + 5)^4 + 3)^* - 2 - 1$	-191101249	P	$-(9+8+7)^6 + 54^3 \cdot 2 - 1$
-184526277	P	$(9^* (-(-8+7) - 6))^5 + 43^2 - 1$	-191101517	P	$-(9+8+7)^6 + (5+4)^3 \cdot 2 + 1$
-184905604	P	$-(9 + (-8 - 7^6 \cdot 5^4) / 4 + 3)^2 \cdot 1$	-191101518	P	$-(9+8+7)^6 + (5+4)^3 \cdot 2^* 1$
-184960000	P	$-(9 - ((-8 - 7^* - 6^5) / 4 + 3))^2 \cdot 1$	-191101531	P	$-(9+8+7)^6 + (5 - 43)^2 + 1$
-185100896	P	$(-(-9^8 + 7) + 6) / (5 / 43^* (-2^* 1))$	-191101726	P	$-(9+8+7)^6 + 5^4 / (3/2 - 1)$
-185395456	P	$-(9 - ((-8 - 7^6 \cdot 5^4) / 4 + 3))^2 \cdot 1$	-191102248	P	$-(9+8+7)^6 + (5+4)^3 - 2 + 1$
-185449924	P	$-(9 + (-8 - 7^* - 6^5) / 4 + 3)^2 \cdot 1$	-191102250	P	$-(9+8+7)^6 + (5+4)^3 - 2 - 1$
-185586129	P	$-((9^* - 8 - 7^6 \cdot 5^4) / 4 + 3)^2 \cdot 1$	-191102251	P	$-(9 - 8 - 7)^6 - 5^* (-4^3)^2 - 1$
-185606791	P	$(9^8 + 7^6) / (5 / 43^* (-2^* 1))$	-191102318	P	$-((9+8+7)^6 - 5^4 - 32) + 1$
-185851721	G	$-9^8 + ((-7 - 6)^5)^4 \cdot (-3^2 + 1)$	-191102320	P	$-((9+8+7)^6 - 5^4 - 32) - 1$
-185851777	G	$-9^8 + (-7 - 65^4)^* (3^2 - 1)$	-191102342	P	$-(9+8+7)^6 + 5^4 + 3^2 \cdot 1$
-185860096	P	$((-9 - 8)^7 \cdot 6 + 5)^4 \cdot (-3^2 \cdot 1)$	-191102343	P	$-(9+8+7)^6 + 5^4 + 3^2 - 1$
-187049097	P	$-9^8 + 7^6 \cdot (-5^* (4+3))^2 + 1$	-191102356	P	$-(9+8+7)^6 - 5^* - 4^* (32 - 1)$
-187166747	G	$-9^8 - (7^6 / (5^* (4+3)))^2 + 1$	-191102360	P	$-(9+8+7)^6 + 5^4 - 3^2 (2^* 1)$
-187902977	P	$-(9+8+7)^6 + (5^4)^3 (3+2) - 1$	-191102384	P	$-(9+8+7)^6 + 5^4 - 32 - 1$
-188116890	G	$-9 - 8^7 \cdot (6^4 (5+4) / 3 - 2) - 1$	-191102432	P	$-(9+8+7)^6 + 5 + 43 + 2 - 1$
-188156089	P	$-(9+8 - 7^6 \cdot 54^3)^2 \cdot 1$	-191102436	P	$-(9+8+7)^6 + 543 - 2 - 1$
-188622738	P	$-(-9 - 8) - (7^6 \cdot 54^3)^2 + 1$	-191102446	P	$-(9+8+7)^6 + (5^4 + 3)^2 + 1$
-188742689	G	$9^* (-8^7 + 6 + 5)^* (4 + 3^2) + 1$	-191102491	P	$-(9+8+7)^6 - 54 / -3^2 - 2 - 1$
-188744305	P	$-(9^* (8^7 + 6)^5 + 43)^2 + 1$	-191102540	P	$-(9+8+7)^6 + 5 + 432 - 1$
-189005824	G	$(9 - 8 + 7)^6 \cdot (-5 / (4^3)^2 - 2 - 1)$	-191102551	P	$-(9+8+7)^6 - 5^* (-43^2 + 1)$
-189200025	P	$-(9^* (8 - 76^* - 5^4) + 3)^2 \cdot 1$	-191102647	P	$-(9 - (-8 - 7))^6 - 5^* (-4^3 + 2) - 1$
-189267968	P	$9^* - 8^7 / (6^4 - (5 - 4)^3)^2 - 1$	-191102656	P	$((9+8+7)^6 - 5^4 / 4^3)^* - (2 - 1)$
-189695528	G	$-9^* (8 - 7^* (654 + 3))^2 + 1$	-191102666	P	$-(9 - (-8 - 7))^6 - 5^* (-4^3 + 2)^* 1$
-189695530	G	$-9^* (8 - 7^* (654 + 3))^2 - 1$	-191102667	P	$-(9 - (-8 - 7))^6 - 5^* (-4^3 + 2) - 1$
-190026225	P	$-((-9 - 8 - 7^6 \cdot 54)^3)^2 \cdot 1$	-191102705	P	$-(9+8+7)^6 - 54^* (-3 - 2) + 1$

-191102730	P	$-(9+8+7)^6+5*(4+3)^2+1$	-191112222	P	$-(9+8+7)^6-5/43^2-1$
-191102746	P	$-(9+8+7)^6-5*(-(43+2)-1)$	-191118977	P	$-(9+8+7)^6-(5*4)^3*2-1$
-191102750	P	$-(9+8+7)^6-5*(-43-2)+1$	-191123451	P	$-(9+8+7)^6-5*(4^4(3*2)-1)$
-191102758	P	$-(9+8+7)^6-5*43-2+1$	-191129221	P	$-(9+8+7)^6-(54*3)^2-1$
-191102760	P	$-(9+8+7)^6-5*43-2-1$	-191149202	P	$-(9+8+7)^6-(5*43)^2-1$
-191102770	P	$-(9+8+7)^6-5*(-43+2)+1$	-191181103	P	$-(9+8+7)^6+5^4(4+3)-2*1$
-191102791	P	$-(9+8+7)^6-5*(-(4+32)-1)$	-191181709	P	$-(9+8+7)^6-54^3/2-1$
-191102796	P	$-(9+8+7)^6-5*4*(3^2*1)$	-191205377	P	$-(9+8+7)^6-(5/4^3-3)^2-1$
-191102811	P	$-(9+8+7)^6-54*3-2+1$	-191259225	P	$-(9+8+7)^6+5^4(4+3)^2+1$
-191102813	P	$-(9+8+7)^6-54*3-2-1$	-191259227	P	$-(9+8+7)^6+5^4(4+3)^2-1$
-191102831	P	$-(9+8+7)^6-5*(4-32-1)$	-191260443	P	$-(9+8+7)^6-54^3-2-1$
-191102835	P	$-(9+8+7)^6-5*4*(-(4+32))+1$	-191318753	P	$(9^9-(-8-7-6)^5)*5^4+3)^2+1$
-191102836	P	$-(9+8+7)^6-5*(4-32*1)$	-191417903	P	$-(9+8+7)^6-54^3*2+1$
-191102842	P	$-(9+8+7)^6+5+4*32+1$	-191484221	G	$9^8-76*(5^4(4+3+2)*1)$
-191102843	P	$-(9+8+7)^6+5+4*32*1$	-191484297	G	$9^8-76*(5^4(4+3+2)+1)$
-191102852	P	$-(9+8+7)^6+5+4*32+1$	-192080001	P	$-(98-7*6)^5)^4/32-1$
-191102857	P	$-(9+8+7)^6+5+4*(32-1)$	-192119204	P	$-(9+((8*(7+6)-5)^4-3)^2)+1$
-191102876	P	$-(9+8+7)^6-5*4*(-(3+2)*1)$	-192119218	G	$9-((-8*(7+6)+5)^4+3)^2-1$
-191102884	P	$-(9+8+7)^6+5+43*2+1$	-192380442	P	$(9+8)^4-(7-65)^4-3^2-1$
-191102885	P	$-(9+8+7)^6+5+43*2*1$	-193113152	G	$9-8*7*((6-5^4)^3)^2+1$
-191102891	P	$-(9+8+7)^6+5+43-1$	-193405184	P	$-(9+(8+(7*65+4)^3)^2)-1$
-191102894	P	$-(9+8+7)^6+5+43*2+1$	-193710228	G	$(-9^8(8+7-6)+5*(4+3))/2-1$
-191102899	P	$-(9+8+7)^6+(5-43)^2+1$	-193710261	G	$(-9^8(8+7-6)-5*(4+3))/2+1$
-191102910	P	$-(9+8+7)^6-5*(4+3^2))+1$	-193877808	P	$-(9-8*(7+6)+5)^4-32*1$
-191102920	P	$-(9+8+7)^6+5+4^3-2-1$	-193877809	P	$-(9-8*(7+6)+5)^4-32-1$
-191102932	P	$-(9+8+7)^6+5+(4+3)^(2*1)$	-194302977	P	$-(9+8+7)^6-(5*4)^4(3+2)-1$
-191102934	P	$-(9+8+7)^6+5+4+32+1$	-194399954	G	$9-8*(7-(6^5)^4(4+3-2))-1$
-191102938	P	$((9+8+7)^6+5-43)^2-1$	-194632066	G	$9^8-76*(5^4*3)^2-1$
-191102940	P	$-(9+8+7)^6+5+43-2*1$	-194750413	P	$-(9+(8+76-5)^4*(3+2))+1$
-191102999	G	$((9+8+7)^6+5*(4+3))^2*(-2+1)$	-195021225	P	$-(9*(-8-76*5)^4+3)^2*1$
-191103011	P	$((9+8+7)^6+5*(4+3))^2*(-2-1)$	-195188841	P	$-(9*(-8-76*5)^4+3)^2*1$
-191103020	P	$-(9+8+7)^6+5+4-3^2+1$	-195891938	G	$(-9-8)^7+((6+5)^4+3)^2-1$
-191103027	P	$((9+8+7)^6+5+4-3)^2*(-2-1)$	-195944372	P	$-(9-((-87-6)^5+4)^3*2)-1$
-191103066	P	$-(9+8+7)^6+5-43*2+1$	-196036874	G	$9+(-8+(7*6)^5/-4*3)^2-1$
-191103077	P	$-(9+8+7)^6-5*4*(3+2)-1$	-196067630	P	$-(9+8)^7+((6+5)^4-3)^2-1$
-191103095	P	$-(9+8+7)^6-5*4*(-(32+1))$	-196112016	P	$-(9/(8+7))^6*(6+5+4)^3)^2*1$
-191103096	P	$-(9+8+7)^6-5*(4*3*2*1)$	-196345856	P	$-(9+8+7)^6-5*4^4(3^2+1)$
-191103098	P	$-(9+8+7)^6+5-4*32+1$	-196829999	G	$(9^8*7+(6+5)^4)^4-3+(2-1)$
-191103108	P	$-(9+8+7)^6+5-4*32+1$	-196830001	G	$(9^8*7+(6+5)^4)^4-3-2+1$
-191103113	P	$-(9+8+7)^6+(-5-4^3)^2+1$	-197310841	P	$(9^8*7+6)/(-5^4-3)^2-2-1$
-191103135	P	$-(9+8+7)^6-54^3+2+1$	-199218751	P	$(-9+87-6)^5*(4+3+2)-1$
-191103137	P	$-(9+8+7)^6-54^3+2-1$	-199927017	G	$9-8*(7^6*5^4/(3+2)+1)$
-191103151	P	$-(9+8+7)^6-5*(4+32-1)$	-199999995	P	$-(9-8*(7+6)-5)^4(4+3)^2-1$
-191103156	P	$-(9+8+7)^6-5*(4+32*1)$	-200533916	P	$-(9^8*7*6+5)^4+3+2*1$
-191103176	P	$-(9+8+7)^6-5*(43-2-1)$	-200540177	G	$9-8-765*4^4(3^2*1)$
-191103180	P	$-(9+8+7)^6-5*(-(43+2)+1)$	-200540232	G	$9^8-765*4^4(3^2*1)$
-191103188	P	$-(9+8+7)^6-5*43+2+1$	-200540258	G	$98-765*4^4(3^2*1)$
-191103190	P	$-(9+8+7)^6-5*43+2-1$	-200673152	G	$9-8*7*((-6-5^4)^3)^2+1$
-191103196	P	$-(9+8+7)^6-5*(43+2-1)$	-201326594	P	$-(9-(8^7*(6-54)+3)^2)+1$
-191103200	P	$-(9+8+7)^6-5*(-(43-2)+1)$	-201327187	G	$(-9+(8^7+6)^5*(-5-43))^2-1$
-191103287	P	$-(9-(-8-7))^6-5*(-(4^3+2)-1)$	-201553979	P	$(-9+8+7)^6*(6^4(5+4)+3)^2+1$
-191103293	P	$-(9+8+7)^6-5*4^3+2+1$	-201768045	P	$-(9+(8-7-6)^4)^5(5+4)^3(3+2))-1$
-191103296	P	$-(9+8+7)^6+(-5/4^3-3)^2(2-1)$	-201924100	P	$-(98*(-76-5-4^3))^2*1$
-191103300	P	$-(9+8+7)^6-(-54/3)^2(2*1)$	-202356287	G	$9-8*7^6*5^4*43+2*1$
-191103306	P	$-(9-(-8-7))^6-5*(4^3+2)^*1$	-202899457	P	$9^8*7^6-(6-5/4+3)^2-1$
-191103307	P	$-(9-(-8-7))^6-5*(4^3+2)-1$	-203053472	G	$9^8+(-76*(5+4))^3/2+1$
-191103404	P	$-(9+8+7)^6+5-432-1$	-203125010	P	$-(9+8*(7+6)/5^4(-4-(3+2)))^2-1$
-191103463	P	$-(9+8+7)^6-54/3^2-1$	-203288760	G	$9*(8+(-7^6+5)/4^3-3*(2+1))$
-191103605	P	$-(9+8+7)^6+5^4(4+3+2)+1$	-203288904	G	$9^8*(8+(-7^6+5)/4^3-3*(2+1))$
-191103609	P	$-(9+8+7)^6+5^4(4+3^2)+1$	-203297401	G	$9^8-7^6*5^4*32-1$
-191103611	P	$-(9+8+7)^6+5^4(4+3^2)-1$	-203297436	G	$(9/8-7^6*5^4)^3*2*1$
-191103634	P	$-(9+8+7)^6-5^4(4-32-1)$	-203306040	G	$9*(8+(7^6+5)/4^3-3*(2+1))$
-191103691	P	$-(9-8-7)^6-5*((4*3)^2-1)$	-203306184	G	$9*(8+(7^6+5)/4^3-3*(2+1))$
-191106977	P	$-(9+8+7)^6-(5^4)^3/2-1$	-203702283	P	$-(9^8-(7-65^4)^3)^2*1$
-191107067	P	$-(9+8+7)^6+5-4^4(3^2*1)$	-203702339	G	$9^8+7-65^4*3^2*1$
-191107077	P	$-(9+8+7)^6+5-4^4(3^2*1)$	-203702353	G	$9^8-7-65^4*3^2*1$
-191108091	P	$-(9+8+7)^6-5*(4^4(3+2)-1)$	-204004113	P	$9^8-((8-7*(6+5))^4(4+3)+2+1)$
-191108096	P	$-(9+8+7)^6-5/4^4(3^2-2+1)$	-204800010	P	$-(9+(8+7+65)^4*(3+2))-1$
-191108097	P	$-(9+8+7)^6-5/4^4(3^2-2)-1$	-205032507	P	$(-(-9*(8+7)^6-5^4+3)^2-1)$
-191112216	P	$-(9+8+7)^6-5*(43^2-1)$	-205724880	G	$(98-7*(6-5))^4(4^3-3+2+1)$

-205724882	G	$(98-7*(6-5))^{4*}-3+2-1$	-218635723	G	$-9^8-(7*(-6-5^4)*3)^2-1$
-205724884	G	$(98-7*(6-5))^{4*}-3-2+1$	-218811926	P	$-(9^8+(7*(6+5))^{4*}(3+2))^*1$
-205724886	G	$(98-7*(6-5))^{4*}-3-2-1$	-219152394	G	$-9+8^7*(6-5^4)/2-1$
-207616198	P	$9^8*7^*- (6+5)+43^2+1$	-219702987	P	$-(9+8)-(7^*(6+5)-4)^3+2+1$
-207622657	P	$9^8*7^*- (6+5+4^*(-3^2))-1$	-220879044	P	$-((98*7^*-65+4)/3)^2+1$
-207962951	P	$-(9^8+7)-((6+5)^4)^{(3+2)+1}$	-221552901	G	$-9^8+(-7+65^4)^*(-3^2-1)$
-208527854	P	$-(9-8^*- (7*(6+5)-4))^3+2+1$	-222129215	G	$-9^*(8*(7-(6+5^4)+3))^2+1$
-209207297	P	$-(((9+8)^*(7+6)+5)^4)^{(3+2)-1}$	-222129217	G	$-9^*(8*(7-(6+5^4)+3))^2-1$
-209715810	G	$-9+(-8^7-6)^5*4*(3+2)-1$	-222953482	G	$-9-(8-7*(-6^5*4^*(3^2)+1))$
-210453049	P	$-(-98^*(-7-6^5)^4+3)^2+1$	-223007905	P	$-(9-8)-7^*-6^5*(-4^*(3^2)-1)$
-210918264	P	$-(9+8)+(7*(-6-5))^{4*}-3^2-1$	-223007921	P	$-(9+8)-7^*-6^5*(-4^*(3^2)-1)$
-210918272	G	$-9+(-8-(7*(-6-5))^{4*})^2-1$	-223680321	P	$-(9^8+(7*6^5/4-3)^2)^*1$
-210918304	G	$-9+(8+(7*(6+5))^4)^*-3^2-1$	-224160784	P	$-(9^8*(7/6-5^4)/3)^2+1$
-211062784	P	$-((-9-8-7*6^5)/4^(-3))^2+1$	-224486714	G	$-9^8-7^*((6^5)^4)^3-1$
-211382520	P	$-(98+7-(6+5)^4-3)^2+1$	-224486721	P	$-(9^8+7^*(6^5)^4)^3-1$
-211382522	P	$-(98+7-(6+5)^4-3)^2-1$	-224820036	P	$-(98*(7^6+5+4)/3)^2+1$
-212020723	G	$-9^8-(7*(-6+5^4)*3)^2-1$	-224910009	P	$-((9-8*(7-6+5^4))^3)^2+1$
-212931877	P	$-9^8+7^6*(-(5-43)^2)^*1$	-225266200	G	$9^*(8^7+6)-5^4(4^3)+2+1$
-213049526	P	$-9^8+7^6*(-(5-43)^2)-1$	-225357168	P	$-(9-(8-(7*(65+4))^3)^2)-1$
-213072408	P	$-(9-8^7+(6+5)^4+3)^2+1$	-226491707	G	$(9^*(8^7+6)+5)^4*3+2-1$
-213072410	P	$-(9-8^7+(6+5)^4+3)^2-1$	-226493003	G	$(9^*(8^7+6)-5)^4*3+2-1$
-213146714	G	$-9^8-7^*((6^5)^4)^(-4+3^2)-1$	-226493075	G	$(9-(8^7+6)^5+3)^2+1$
-213146722	G	$-9^8-7^*(6^5)^4(4+3-2)-1$	-226494029	G	$((-9-(8^7+6))^5+3)^2+1$
-213656689	P	$-((-9-87/6)^*(-5^4+3))^2+1$	-226532601	P	$-((-9-8*(7-6+5^4))^3)^2+1$
-214185029	G	$9^8/((-7+6)/5)+4^3(3^2+1)$	-227274513	P	$(-9+876)^*(5-4^(-3^2)^*1)$
-214271136	P	$-(98-7)-((6+5)^4-3)^2-1$	-227436562	P	$-((-9^*(8^7*6^5-4)+3)^2)-1$
-214343760	G	$-9+(8-7^*(65+4))^3+2-1$	-227812312	G	$(9-(8+7)^6)^5*4+3^2-1$
-214446828	P	$-(98-7)-((6+5)^4+3)^2-1$	-228142746	P	$-(9^8+(7^6*5/4-3)^2)^*1$
-214534609	P	$-((9^8(8-7)+(6+5)^4-3)^2)^*1$	-228705197	P	$9^*- (8+(76-5)^4)+3+2-1$
-214990786	P	$-(9+8^*((7+65)^4-3^2))-1$	-228709440	G	$-9^8*7^6*(5+4)^3+2-1$
-214990917	P	$9^*- (8+((7+65)^4)^3)+2+1$	-228709872	G	$-9^8*7^6*(5+4)^3+2+1$
-215149570	P	$-(9-8-7^6(6-5+4))^*(3+2)^*1$	-229340736	P	$-((-9+8)^7)^*(6-5^4)^3)^2+1$
-215232326	P	$(9^8-(-(7-6)+5)^4)^*- (3+2)-1$	-229613408	P	$-((-9^*(8^7*6^5+4)+3)^2)+1$
-215232515	P	$-((9^8-7-6)^5-4^*(3+2))+1$	-230523490	P	$-((-9^*(8^7*6^5-4-3))^2)-1$
-215232517	P	$-((9^8-7-6)^5-4^*(3+2))-1$	-230591648	G	$-98^*(7^6*5^4-3+2+1)$
-215233221	P	$-(9^8-76)^5+4-3+2+1$	-230592008	G	$98^*7^6*5^4+32^*1$
-215233222	P	$-(9^8-76)^5+4-3+2^*1$	-230592009	G	$98^*7^6*5^4+32-1$
-215233462	G	$9^8/((-7+6)/5)+(4^3)^2-1$	-230592034	G	$98^*-7^6*5^4+3+2+1$
-215233515	G	$(9^8-7-6-5)^*(4-3^2)^*1$	-230592035	G	$98^*-7^6*5^4+3+2^*1$
-215233578	G	$9^8/((-7+6)/5)-4+32-1$	-230592037	G	$98^*7^6*5^4+3(2-1)$
-215233651	G	$9^8/((-7+6)/5)-43-(2+1)$	-230592039	P	$9-8^*- (7^6*5^*- (4+3)^2)-1$
-215233673	P	$-((9^8+7+6)^5+4^*(3-2))+1$	-230592041	G	$-9-8^*(7^6*5^*(4+3))^2-1$
-215233675	P	$-((9^8+7+6)^5+4^*(3-2))-1$	-230592043	G	$98^*-7^6*5^4-3^2(2-1)$
-215233676	G	$-9^8-(76+5)^4*(3+2)+1$	-231669478	G	$9^8- (7^6*5^4)^2-1$
-215233729	G	$9^8/((-7+6)/5)-4^*(32-1)$	-231709284	P	$-(((9+87)^6+5+4)^3)^2+1$
-215233982	P	$-(9^8+76)^5+4-3+2^*1$	-231800625	P	$-((9-8^7)^6*5-4-3)^2+1$
-215234248	P	$-((9^8-76)^5+4^*(3+2))+1$	-232339984	G	$-9-8+(7^*-6)^5*(4/3)^2+1$
-215234250	P	$-(9^8-76)^5+4^*(3+2)-1$	-234149697	P	$-(9^8+((-7+6)+5)^4)^{(3^2)^*1}$
-215234563	P	$-((9^8-7-6)^5+4^*(3+2))+1$	-234224685	G	$(98+7-(6+5))^4*3+2+1$
-215234565	P	$-((9^8-7-6)^5+4^*(3+2))-1$	-234375145	P	$-(9+8)-7^*(6+5^4(4+3^2))-1$
-215234623	P	$-((9^8-7+6)^5+4^*(3+2))+1$	-236421407	P	$-((9^*(8+7)-6-5)^4+32)+1$
-215234625	P	$-((9^8-7+6)^5+4^*(3+2))-1$	-236421409	P	$-((9^*(8+7)-6-5)^4+32)-1$
-215234633	P	$-((9^8+7-6)^5+4^*(3+2))+1$	-236741550	P	$-(9+(8+7^*(65+4))^3)^2+1$
-215234693	P	$-((9^8+7+6)^5+4^*(3+2))+1$	-237176543	P	$-((-9-8)^7+(6-5^4)^3)^2-1$
-215234695	P	$-((9^8+7+6)^5+4^*(3+2))-1$	-237314024	P	$-(9^8*-(7^6*5^4-3))^2+1$
-215235008	P	$-((9^8+76)^5+4^*(3+2))+1$	-237527721	G	$-9^8+(7^6*5)^4/(-3^2-1)$
-215235010	P	$-((9^8+76)^5+4^*(3+2))-1$	-237899776	P	$-((9+(8^*-7+6)^5)^4)^3)^2+1$
-215317640	P	$-(9^8+7^6(6-5+4))^*(3+2)^*1$	-238026762	G	$-9-8^7*(6+5^4)/2-1$
-215473041	P	$9^*- (8*(7+6-5^4)+3)^2+1$	-238085586	P	$-(9+8+7^*(6^5)^4)^3+2+1$
-215568874	G	$-9-8^7*(654^3)^2-1$	-238085627	G	$-9^8-7^*((6^5)^4)^3-2-1$
-216032377	P	$98^*7^*- (6+54^3)^2-1$	-238085651	G	$-98-7^*((6^5)^4)^3-2+1$
-216282181	G	$9^8/((-7+6)/5)-4^3(3^2+1)$	-238878712	G	$(9+8+7)^6*5/4+3^2-1$
-216737283	P	$-(9-87-(6+5)^4-3)^2+1$	-239148700	P	$(9^8(8-(7-6))^5)^*- ((4+3)^2+1)$
-216737285	P	$-(9-87-(6+5)^4-3)^2-1$	-239630400	P	$-((-9+87-6)^5+43)^2+1$
-216796876	P	$-((98+7)-6)^5*(4+3+2)-1$	-239859102	G	$(9^8-(7^6)^5*4+3)/(2^*1)$
-216913983	P	$9^*- ((87+(6+5)^4)/3)^2+1$	-239859105	P	$-(9^8-(7^6-6)^5*4+3)/(-2^*1)$
-217769049	P	$-((9-(8+7-6)^5)/4+3)^2+1$	-239892607	G	$(9^8+76)^5(5-(4-3))/-2+1$
-217946169	P	$-((-9-(8+7-6)^5)/4+3)^2+1$	-239892609	G	$(9^8+76)^5(5-(4-3))/-2-1$
-218103926	P	$-((-9-8^7-(7+6)+5))^*(4+3^2)-1$	-240374016	P	$-((-9-8)^7*6^5(5+4+3))^2+1$
-218566656	P	$-((-9-8-7)^*(6-(5^4-3)))^2+1$	-240467049	P	$-(9^*(8^7*6^5-5-43))^2+1$

-241172488	G	$-9 \cdot 8^7 \cdot (6^5 \cdot 4 - (3+2)) + 1$	-254125287	G	$9 \cdot (8+7^6 \cdot 5) \cdot 432 \cdot 1$
-241274090	P	$-(98 \cdot (7/6 - 54) \cdot 3)^2 - 1$	-254678316	P	$-9^8 \cdot 7 \cdot (-(-6^4(5+4) \cdot 3+2) - 1)$
-241802500	P	$-(9 \cdot 8^* \cdot (-7+6^5)/4+3)^2 \cdot 1$	-254678323	P	$-9^8 \cdot 7 \cdot (-6^4(5+4) \cdot 3+2) \cdot 1$
-241833601	P	$-(9 \cdot 8^* \cdot ((-7-6^5)/4+3))^2 \cdot 1$	-254678324	P	$-9^8 \cdot 7 \cdot (-6^4(5+4) \cdot 3+2) - 1$
-241864566	P	$-((9 \cdot 8^* \cdot (7-6^4(5+4))) \cdot 3+2) - 1$	-254678335	G	$-9^8 \cdot 7 \cdot 6^4(5+4) \cdot 3+2 \cdot 1$
-241864658	G	$9^* \cdot (8 - ((7+65)^4+3)) + 2 - 1$	-254678336	G	$-9^8 \cdot 7 \cdot 6^4(5+4) \cdot 3+2 - 1$
-241865448	G	$-(9 \cdot 8 - 7) \cdot (6^4(5+4) + 32 - 1)$	-254678351	G	$-9^8 \cdot 7 \cdot (6^4(5+4) \cdot 3+2) \cdot 1$
-241865473	P	$(- (9+8) - 7) \cdot (6^4(5+4) + 32) - 1$	-254678352	G	$-9^8 \cdot 7 \cdot (6^4(5+4) \cdot 3+2) - 1$
-241895809	P	$-(9 \cdot 8^* \cdot ((-7+6^5)/4+3))^2 \cdot 1$	-255033353	P	$-9 \cdot 8^* \cdot (-(-7-6^5) \cdot 4^4(3^2) \cdot 1)$
-241926916	P	$-(9 \cdot 8^* \cdot (-7-6^5)/4+3)^2 \cdot 1$	-255102976	P	$-((9+8+7) \cdot 6+(5 \cdot 4) \cdot (3^2)) \cdot 1$
-242140589	P	$-((-9 \cdot 8) \cdot 7^6+5^4(4^3))+2+1$	-255584200	G	$-9^* \cdot (8-76-5)^4 \cdot 32+1$
-242140591	P	$-((-9 \cdot 8) \cdot 7^6+5^4(4^3))+2-1$	-255584202	G	$-9^* \cdot (8-76-5)^4 \cdot 32-1$
-242970632	G	$-9+((8-7)^6-5^4) \cdot 3+2-1$	-256048121	P	$((9^*8^7) \cdot (-(-6+5) \cdot 4) \cdot 3) \cdot (-2+1)$
-243000008	G	$-9+((8+7)^6/((5/4)^3-2)+1)$	-256048123	P	$((9^*8^7) \cdot (-(-6+5) \cdot 4) \cdot 3) \cdot (-2-1)$
-243101249	G	$9 \cdot 8 - (7^6 \cdot 5)^4 / (3^2 - 1)$	-256048133	P	$((9^*8^* - 7) \cdot (-(-6+5) \cdot 4) \cdot 3) \cdot 2+1$
-243101252	P	$-9 - ((-8 - (7+6)) \cdot 5)^4 + 3) \cdot 2+1$	-256048135	P	$((9^*8^* - 7) \cdot (-(-6+5) \cdot 4) \cdot 3) \cdot 2-1$
-243200174	G	$-98 \cdot 76^* \cdot ((5^4)^3+2)+1$	-257222528	G	$-9^* \cdot (87 \cdot (65+4)^3 - 2) + 1$
-243586881	G	$-9^8 \cdot 765^* \cdot 4^4(3^2 \cdot 1)$	-257493450	G	$-9^8 \cdot 7 - ((6+5)^4+3)^2 \cdot 1$
-244046883	P	$-((-9 - (8-7 \cdot 6))^5 \cdot 4^3 - 3)^2 + 1$	-257493463	P	$- (9^8+7+((6+5)^4+3)^2)+1$
-244139348	P	$-(98 \cdot (7+6)+5^4(4^3))+2+1$	-258084225	P	$-((-98-7/6) \cdot 54 \cdot 3)^2 \cdot 1$
-244139352	P	$-(-98 \cdot (7+6)+5^4(4^3))-2+1$	-258234402	P	$-(9^8-7654) \cdot 3 \cdot (2^*1)$
-244139785	P	$-(-9^*(87+6)+5^4(4^3))+2+1$	-258279741	P	$-((9^8-7) \cdot 6-543) \cdot (2-1)$
-244139789	P	$-(-9^*(87+6)+5^4(4^3))-2+1$	-258279825	P	$-((9^8+7) \cdot 6-543) \cdot (2-1)$
-244139866	P	$-(-9^*(8+76)+5^4(4^3))+2+1$	-258280259	G	$-(9 - (8 - (76+5)^4) \cdot 3) \cdot (-2+1)$
-244139870	P	$-(-9^*(8+76)+5^4(4^3))-2+1$	-258280492	P	$-((9^8+7) \cdot 6+5^4(4-3+2))+1$
-244234383	P	$-((-9 - (8-7 \cdot 6))^5 \cdot 4^3+3)^2+1$	-258280494	P	$-((9^8+7) \cdot 6+5^4(4-3+2))-1$
-244234384	P	$-((-9 - (8-7 \cdot 6))^5 \cdot 4^3+3)^2 \cdot 1$	-258283408	P	$-((9^8-7) \cdot 6+5^4(4+3-2))+1$
-244328161	P	$-(987+(6+5)^4+3)^2 \cdot 1$	-258283410	P	$-((9^8-7) \cdot 6+5^4(4+3-2))-1$
-244390689	P	$-((-9-87^* \cdot (-6-54))^3)^2 \cdot 1$	-258283492	P	$-((9^8+7) \cdot 6+5^4(4+3-2))+1$
-244672063	P	$-(9^4 \cdot ((-8+7) \cdot 6)+5^4(4^3))+2+1$	-258283494	P	$-((9^8+7) \cdot 6+5^4(4+3-2))-1$
-244672066	P	$((-9^*(8-7))^6+5^4(-4^3))^* \cdot (-2-1)$	-258285366	P	$- (9^8+7 \cdot 6^5 \cdot 4) \cdot (3+2+1)$
-244672067	P	$-((9/(8-7))^6+5^4(4^3))-2+1$	-258326250	P	$-(9^8+7654) \cdot 3 \cdot (2^*1)$
-244672069	P	$-((9/(8-7))^6+5^4(4^3))-2-1$	-259049025	P	$-(9^* \cdot (-8+7^6 \cdot 5) \cdot 4+3)^2 \cdot 1$
-245081994	G	$-9 \cdot 8/7 \cdot ((6+5)^4+3)^2 - 1$	-259136721	P	$-(9^8+7 \cdot 6^5) \cdot 4^3 \cdot 3^2 - 1$
-245199395	P	$-(-9^*(8-7^6)+5^4(4^3))-2+1$	-260054629	G	$(9 - (8^7+65) \cdot 4) \cdot (32-1)$
-245199397	P	$-(-9^*(8-7^6)+5^4(4^3))-2-1$	-260233408	P	$-((9^8-7) \cdot 6+5^4(4+3+2))+1$
-245235600	P	$-(9^*87^* \cdot (-6-54)/3)^2 \cdot 1$	-260233410	P	$-((9^8-7) \cdot 6+5^4(4+3+2))-1$
-245314384	G	$-9 - ((8-7)^6+5^4) \cdot 3+2-1$	-260233492	P	$-((9^8+7) \cdot 6+5^4(4+3+2))+1$
-246064016	P	$-(9+8+7^*(65^4)^3+2)+1$	-260233494	P	$-((9^8+7) \cdot 6+5^4(4+3+2))-1$
-246064026	G	$-9+(-8-7/(65^4)^3)^2-1$	-261003126	P	$(9+87-6-5)^4 \cdot 3+2-1$
-246064091	G	$-98-7^* \cdot ((65^4)^3 \cdot 2-1)$	-261113281	P	$-(9 \cdot 8^* \cdot (7^6+5) \cdot 43)^2 \cdot 1$
-246081969	P	$-((-98+7/6) \cdot 54^3)^2 \cdot 1$	-261167967	G	$-9^8 \cdot 7 \cdot 6^5(5+43)^2 \cdot 1$
-246333025	P	$-((9^* \cdot 8-7+6) \cdot 5^4 \cdot 43)^2 \cdot 1$	-261382546	G	$-9 \cdot 8^* \cdot ((7^6)^5/4+3^2) - 1$
-246364416	P	$-((-9+8-7) \cdot 654^3)^2 \cdot 1$	-261565929	P	$-(9^* \cdot (8^7 \cdot 6-5 \cdot 4) \cdot 3)^2 \cdot 1$
-246593321	P	$9^*87^* \cdot (-6+54^3+2)+1$	-262731681	P	$-(9^* \cdot (-8^7+(-6+5^4) \cdot 3))^2 \cdot 1$
-246929796	P	$-((-98+7-6) \cdot 54^3)^2 \cdot 1$	-263014936	G	$9^* \cdot (-8^7+6) \cdot 5^4(4^3)+2+1$
-247464652	G	$-9+(8^7+6) \cdot (5-4^3)^2+1$	-263055962	P	$- (98^* \cdot (7/-6-54) \cdot 3)^2 - 1$
-247474359	G	$(9^8 \cdot 7^6 \cdot 6^4(5+4))^3 \cdot 2 \cdot 1$	-263221584	P	$-(9^8+7^6(6+5-4))^3 \cdot (3+2+1)$
-248724441	P	$-((-9-876 \cdot 54)/3)^2 \cdot 1$	-265587840	G	$(9+87+6-5)^4 \cdot 3+2+1$
-249561096	G	$-9 \cdot 8^7 \cdot (6^5 \cdot 4 - (3-2)) + 1$	-265587842	G	$(9+87+6-5)^4 \cdot 3+2-1$
-249683047	P	$-(9+8)^7+65^4 \cdot 3^2+1$	-265587844	G	$(9+87+6-5)^4 \cdot 3-2+1$
-249908774	P	$9+8-7^*(65^4+3)^2+1$	-265587846	G	$(9+87+6-5)^4 \cdot 3-2-1$
-249908781	P	$-(9+(8+7/65^4+3)^2) \cdot 1$	-265853025	P	$-(9^* \cdot (8-7^6 \cdot 5^4)+3)^2 \cdot 1$
-249908818	G	$-9 - (8+7^*(65^4+3))^2 - 1$	-266000186	G	$-9^8 \cdot 7 \cdot (6^5 \cdot 4^4(3^2) - 1)$
-250810569	P	$-((-9-8^* \cdot (-7-654))^3)^2 \cdot 1$	-266000193	G	$-9^8 \cdot 7 \cdot (6^5 \cdot 4^4(3^2) \cdot 1)$
-250873921	P	$-((-9-8-76^5 \cdot 4)/3)^2 \cdot 1$	-266440329	P	$-(9+8-76^5 \cdot 43)^2 \cdot 1$
-251064025	P	$-(9 - (-8-76^5 \cdot 4)/3)^2 \cdot 1$	-266897432	G	$-9 \cdot 8^* \cdot (76^4(5 - (4-3)) + 2) + 1$
-251658196	G	$(9 \cdot 8^7 \cdot 6^5) \cdot 4^3 \cdot 3^2 - 1$	-266995582	P	$-(-9-8) \cdot (76^5 \cdot 43)^2 + 1$
-251659312	G	$-(9 \cdot 8^7) \cdot 6^5 \cdot 4^3 \cdot 3^2 - 1$	-267089994	G	$-9 - (8^* \cdot (76+5) \cdot 4)^3 - 2+1$
-251666496	P	$-(9^*8^* \cdot (-7-654)/3)^2 \cdot 1$	-267187425	P	$-(9-8) \cdot 76^* \cdot ((5^4 \cdot 3)^2 - 1)$
-251729956	P	$-((-98-76/5^4-4)/3)^2 \cdot 1$	-267187441	P	$-(9+8) \cdot 76^* \cdot ((5^4 \cdot 3)^2 - 1)$
-252047369	P	$-((9+87+6^5)^4-3^2)+1$	-268402688	P	$-((-9+8-76^5) \cdot 43)^2+1$
-252047372	P	$-(9+87+6^5)^4+3+2-1$	-268402690	P	$-((-9+8-76^5) \cdot 43)^2-1$
-252226875	P	$(9^8 \cdot 7+6)/(5/4)^{-3} - (2+1)$	-268730449	P	$-(9+(8+7-6-5)^4(4+3))^2 \cdot 1$
-252523881	P	$-((987 \cdot 6-5^4) \cdot 3)^2 \cdot 1$	-270008320	P	$(9 - (8-7))^6 \cdot (-5+4^4(3+2)+1)$
-253478241	P	$-(9^*87^* \cdot (65-4)/3)^2 \cdot 1$	-270467081	G	$-9 \cdot 8^7 \cdot ((65-4^4-3)^2-1)$
-253964968	G	$-9^8+7^*(6+5)^4 \cdot 3^2-1$	-270535188	G	$-(9 - (8^7+6) \cdot 5) \cdot (4^3 \cdot 3+2+1)$
-254118375	G	$9+(8-7^6 \cdot 5) \cdot 432 \cdot 1$	-270541002	G	$-9 - (8^7+65) \cdot 4^3 \cdot 3+2+1$
-254121938	G	$-98-7^6 \cdot 5^* \cdot 432 \cdot 1$	-270598153	G	$-9 \cdot 8^7 \cdot ((65+4^4-3)^2-1)$
-254121939	G	$-98-7^6 \cdot 5^* \cdot 432-1$	-270767025	P	$-(9^* \cdot (8-7^6-65^4)+3)^2 \cdot 1$

-271051776	G	$9^*8^*(-7^6+5)/(4^{\wedge}-3^*(2^*1))$	-287099137	P	$9/-(87^*65-4-3)^{\wedge}-2-1$
-271061856	G	$9^*(-8^*7^6+5)/(4^{\wedge}-3^*(2^*1))$	-287187333	P	$-9^{\wedge}8+7+(-6+5^{\wedge}(4^*3))^*-(-2-1)$
-271064736	P	$9^*(8^*7^6+5)/(4^{\wedge}-3^*(2^*1))$	-287187347	G	$-9^{\wedge}8+(-7+6-5^{\wedge}(4^*3))^*(2-1)$
-271074816	G	$9^*8^*(7^6+5)/(-4^{\wedge}-3^*(2^*1))$	-288361094	P	$-(9^{\wedge}8+(7-6+5^{\wedge}4)^{\wedge}3)+2+1$
-271751850	P	$-(9^{\wedge}8+(76-5)^{\wedge}4^*3^2)^*1$	-288361096	P	$-(9^{\wedge}8+(7-6+5^{\wedge}4)^{\wedge}3)+2-1$
-272096289	P	$9^*(-(-8^*7-6^{\wedge}(5+4))^*3+2)+1$	-288524195	P	$9/-(87^*65+4+3)^{\wedge}-2+1$
-272097858	G	$-9-(8^*(7+(6^*54)^{\wedge}3)+2)+1$	-289000001	P	$(9+8-7)^{\wedge}6^*- (5+4^*3)^{\wedge}2-1$
-272098062	G	$-9^*(8+(7+6^{\wedge}(5+4))^*3+2-1)$	-289110714	G	$-9^{\wedge}8-7^*((65^*4)^{\wedge}3^2-1)$
-272098198	G	$9^*(-8-7-6^{\wedge}(5+4))^*3-2+1$	-289110721	G	$-9^{\wedge}8+7^*(65^*-4)^{\wedge}3^2^*1$
-272098200	G	$9^*(-8-7-6^{\wedge}(5+4))^*3-2-1$	-291249348	P	$-(9^{\wedge}8^*7-6^{\wedge}(5+4)-3)^*(2-1)$
-272099925	G	$(9^*8+7+6^{\wedge}(5+4))^*-3^{\wedge}(2+1)$	-291249382	P	$-(9^{\wedge}8^*7-6^{\wedge}(5+4)+32)+1$
-272100142	G	$9^*(-87-6^{\wedge}(5+4))^*3-2+1$	-291249384	P	$-(9^{\wedge}8^*7-6^{\wedge}(5+4)+32)-1$
-272100144	G	$9^*(-87-6^{\wedge}(5+4))^*3-2-1$	-291419041	P	$-((-9-8-76^*5)^*43)^{\wedge}2^*1$
-272629854	P	$-(9-(8^{\wedge}7^*-65-43)^*2)+1$	-291504138	P	$-(9+8^{\wedge}7^*(6+5+4^*32))-1$
-272943441	P	$-(-9^*(-8+7^*6)^*54+3)^{\wedge}2^*1$	-292204835	G	$-9^*(87^*65+43)^{\wedge}2+1$
-273141729	P	$-(-9^*(-8+7^*6)^*54+3)^{\wedge}2^*1$	-293025924	P	$-(-9^*(-8-7+6-5^{\wedge}4)^*3)^{\wedge}2^*1$
-273340089	P	$-(-9^*(-8^*7-(-6-5^{\wedge}4)^*3))^{\wedge}2^*1$	-293539690	P	$-(-9^*8^*-7^*(6^*5+4)+3)^{\wedge}2-1$
-273374890	P	$-9+(-8+7)^{\wedge}6+5^*4^*3^2-1$	-293601288	G	$-9-8^*7^*(6^*(5^*4+3)+2)+1$
-273604681	P	$-((9/(8+(7-6-54)^{\wedge}3))^{\wedge}-2)^*1$	-293745322	P	$-(-9^*8^*7^*(6^*5+4)+3)^{\wedge}2-1$
-273604682	P	$-((9/(8+(7-6-54)^{\wedge}3))^{\wedge}-2)-1$	-294055357	P	$-(-9/8^*(7^*6)^{\wedge}5+4)^*2+1$
-274068025	P	$-((-9+8-76)^*5^*43)^{\wedge}2^*1$	-294119689	G	$((9-8^*7^{\wedge}6)/5^{\wedge}-4-3)/(2^*1)$
-274233600	P	$-((9+8^*7^*6)^*(5+43))^{\wedge}2^*1$	-294122506	P	$-(9+8^*7^{\wedge}6^*5^{\wedge}4+3)/2^*1$
-274299845	P	$-(98/(7+6)^{\wedge}-(-5+4+3))^{\wedge}2-1$	-294122520	G	$-9+8^*(7^{\wedge}6^*5^{\wedge}4+3)/-2+1$
-274726920	G	$-9-8^{\wedge}7^*(6+5^{\wedge}4/(3+2))+1$	-294122522	G	$-9+8^*(7^{\wedge}6^*5^{\wedge}4)^{\wedge}3/-2-1$
-276357429	G	$9^*(8-7^{\wedge}6^*(5+4^{\wedge}(3+2-1)))$	-294286305	P	$-9^{\wedge}8+7+(6+5^{\wedge}4)^{\wedge}3^*-(-2-1)$
-276710328	G	$-(98^*7^{\wedge}6+5)^*4^*3^2^*1$	-295245008	G	$-9-(((8+7)^*6)^{\wedge}5/(4^*(3+2)))-1$
-276710329	G	$-(98^*7^{\wedge}6+5)^*4^*3^2-1$	-295537114	G	$(-9-8/7^{\wedge}-6)^*(5^{\wedge}4+3)/(2^*1)$
-276710433	P	$(98^{\wedge}-(7-6-5)-4)^*-3+2+1$	-296352014	G	$-9+(-8-(7^*6^*5^{\wedge}4)^{\wedge}3)/2-1$
-276710435	P	$(98^{\wedge}-(7-6-5)-4)^*-3+2-1$	-296425089	P	$-(-9^*(-8^*7-(-6+5^{\wedge}4)^*3))^{\wedge}2^*1$
-276710461	P	$(98^{\wedge}-(7-6-5)+4)^*-3-2+1$	-296475336	G	$-9^*8^*(7^{\wedge}6^*5^*(4+3)-2^*1)$
-276710463	P	$(98^{\wedge}-(7-6-5)+4)^*-3-2-1$	-296475408	G	$-9^*8^*(7^{\wedge}6^*5^*(4+3)-2+1)$
-276710567	G	$(98^*-7^{\wedge}6-5)^*4^*3^2+1$	-296475552	G	$-9^*8^*(7^{\wedge}6^*5^*(4+3)+2-1)$
-276710568	G	$(98^*-7^{\wedge}6-5)^*4^*3^2^*1$	-296475624	G	$-9^*8^*(7^{\wedge}6^*5^*(4+3)+2^*1)$
-276832653	G	$-9+(8^{\wedge}7+65)^*4^*-32+1$	-296721288	P	$-(9^{\wedge}8+7-6^{\wedge}(5+4))^*(3^{\wedge}2^*1)$
-276922873	P	$-(-9^*(8^*7/6+5))^{\wedge}4+3^{\wedge}2-1$	-297163531	G	$-9^{\wedge}8+(76-5)^{\wedge}4^*(-3^{\wedge}2-1)$
-276922891	P	$-(-9^*(8^*7/6+5))^{\wedge}4-3^{\wedge}2-1$	-297795592	G	$-9+8^*7^*((6-54)^*3+2)+1$
-277722225	P	$-(-9^*(8-7^*65)^*4+3)^{\wedge}2^*1$	-298287441	P	$-(-9^*(8-7-6^*5^{\wedge}4^{\wedge}3))^{\wedge}2^*1$
-277922241	P	$-(-9^*(8-7^*65)^*4+3)^{\wedge}2^*1$	-298909521	P	$-(-9^*(8-7-6^*-5^*4^{\wedge}3))^{\wedge}2^*1$
-279017857	G	$9-8/7^*(6+5^{\wedge}(4^*3))-(-2^*1)$	-299675937	P	$-(-9-8)+7^*(-6543^{\wedge}2+1)$
-279017874	G	$9-8/7^*(6+5^{\wedge}(4^*3))-2+1$	-299675953	P	$-(-9+8)+7^*(-6543^{\wedge}2+1)$
-279123849	P	$-(-9^*8^*(-7+65)^*4+3)^{\wedge}2^*1$	-299847681	P	$(9+8+76-5)^{\wedge}4^*(-3+2)-1$
-280629503	G	$-9^*(8^*(-76-5^{\wedge}4+3))^{\wedge}2+1$	-299847688	P	$-(9+(87+6-5)^{\wedge}4^*(3+2))+1$
-280629505	G	$-9^*(8^*(-76-5^{\wedge}4+3))^{\wedge}2-1$	-300259615	G	$-9^*(87-6-5)^{\wedge}4-32+1$
-281132274	G	$-9-8-7^*((6^*54)^{\wedge}3-2)+1$	-300259617	G	$-9^*(87-6-5)^{\wedge}4-32-1$
-281132286	P	$-(9^{\wedge}8+7^*(6^*54)^{\wedge}3-2)+1$	-300503501	G	$(9^{\wedge}8-7^{\wedge}6)^*(5-4^*3)+2+1$
-281132302	P	$-(9^{\wedge}8+7^*(6^*54)^{\wedge}3-2)+1$	-300503503	G	$(9^{\wedge}8-7^{\wedge}6)^*(5-4^*3)+2-1$
-281132303	P	$-(9^{\wedge}8+7^*(6^*54)^{\wedge}3-2)-1$	-300503505	G	$(9^{\wedge}8-7^{\wedge}6)^*(5-4^*3)-2+1$
-282206400	G	$-9^*((-8+7^{\wedge}(6-5+4))/3)^{\wedge}2+1$	-300503507	G	$(9^{\wedge}8-7^{\wedge}6)^*(5-4^*3)-2-1$
-282206402	G	$-9^*((-8+7^{\wedge}(6-5+4))/3)^{\wedge}2-1$	-301091905	P	$-(-9^*8^*(-7^*(6^*5+4)-3))^{\wedge}2-1$
-282316324	P	$-(9+((8^*(7+6)+5)^{\wedge}4-3)^*2)+1$	-301181447	P	$-((98/7)^{\wedge}6^*5^*4+3)^*2-1$
-282316338	P	$-(9+((8^*(7+6)+5)^{\wedge}4+3)^*2)-1$	-301316679	G	$-9^{\wedge}8^*7+6^*54^*32^*1$
-282905823	G	$-(9^{\wedge}8+(7^*-6)^{\wedge}5^*4+3)/(2^*1)$	-301316680	G	$-9^{\wedge}8^*7+6^*54^*32-1$
-282905826	P	$(9^{\wedge}8+(7^*6)^{\wedge}5^*4+3)/(-2^*1)$	-301320504	P	$-(-9^{\wedge}8^*7-6543)^*(2-1)$
-283181584	P	$-(9+(8-7+6)^{\wedge}5+4^*3)^{\wedge}2^*1$	-301326072	G	$-9^{\wedge}8^*7+6^*54^*3+2+1$
-283776174	G	$-(9-8)^{\wedge}7+(6^*5^{\wedge}4^*3)^{\wedge}2-1$	-301326077	G	$-9^{\wedge}8^*7+6^*54^*3-2^*1$
-284461955	G	$-9/((8+7-6)^*5^{\wedge}4-3)^{\wedge}-2+1$	-301326498	P	$-(-9^{\wedge}8^*7-6-543)^*(2-1)$
-284461957	G	$-9/((8+7-6)^*5^{\wedge}4-3)^{\wedge}-2-1$	-301326510	P	$-(-9^{\wedge}8^*7+6-543)^*(2-1)$
-284900641	P	$-(-9^*8+7^{\wedge}6/(5-4^*3))^{\wedge}2^*1$	-301326978	P	$-(-9^{\wedge}8^*7-65-4)/(3-2^*1)$
-284911425	P	$-(-9^*8+7^{\wedge}6/(5-4^*3))^{\wedge}2^*1$	-301326986	P	$-(-9^{\wedge}8^*7-65+4)/(3-2^*1)$
-285069455	P	$-(-9+(8+7-6^*5)^{\wedge}4/3)^{\wedge}2+1$	-301326995	G	$(9^{\wedge}8-7)/((6-5)/(4-3))+2+1$
-285069457	P	$-(-9+(8+7-6^*5)^{\wedge}4/3)^{\wedge}2-1$	-301327032	P	$-(-9^{\wedge}8^*7-6-5-4)/(3-2^*1)$
-285609962	P	$-9+8^*(-((-7-6)^*5)^{\wedge}4+3)^*2-1$	-301327051	G	$(9^{\wedge}8-(-7+6)^{\wedge}5)^*(-4-3)+2+1$
-285609990	P	$-9+8^*(-((-7-6)^*5)^{\wedge}4+3)^*2+1$	-301327053	G	$(9^{\wedge}8-(-7+6)^{\wedge}5)^*(-4-3)+2-1$
-285610031	G	$(9-8^*(((-7-6)^*5)^{\wedge}4+3))^*2-1$	-301327062	P	$-(-9^{\wedge}8^*7+6+5+4)/(3-2^*1)$
-285677604	P	$-(-9^*((8-7)^{\wedge}6+5^{\wedge}4)^*3)^{\wedge}2^*1$	-301327108	P	$-(-9^{\wedge}8^*7+65-4)/(3-2^*1)$
-285887069	G	$-9/8^*7^{\wedge}6^*5^*432+1$	-301327116	P	$-(-9^{\wedge}8^*7+65+4)/(3-2^*1)$
-285887071	G	$-9/8^*7^{\wedge}6^*5^*432-1$	-301327352	P	$(9^{\wedge}(8-7+6)+5)^*(-4^{\wedge}3-2+1)$
-286246721	G	$-9^{\wedge}8-76^*(5^*4)^{\wedge}(3+2)^*1$	-301327584	P	$-(-9^{\wedge}8^*7-6+543)^*(2-1)$
-286246722	G	$-9^{\wedge}8-76^*(5^*4)^{\wedge}(3+2)-1$	-301328017	G	$-9^{\wedge}8^*7-6^*54^*3+2^*1$
-286246797	G	$-9^{\wedge}8-76^*((5^*4)^{\wedge}(3+2)+1)$	-301328021	G	$-9^{\wedge}8^*7-6^*54^*3-2^*1$

-301328022	G	$-9^8 7^6 6^5 4^3 3^2 - 2 - 1$	-316669962	P	$-(9+8^7*(65+43^2))-1$
-301333590	P	$-(9^8 7^6 + 6543) * (2 - 1)$	-318015889	P	$-(98^7 * (-6^5 + 4) + 3)^{2*1}$
-301612689	P	$-(9^*(8^7 - 6^5) / 4 + 3)^{2*1}$	-318229921	P	$-(98^7 * (6 + 5^4) + 3)^{2*1}$
-301821129	P	$-(9^*(8^7 - 6^5) / 4 + 3)^{2*1}$	-319812138	P	$(9^8 - (7^6)^5 4) / (-3/2^1)$
-301984273	P	$(-9+8^7-6^5)^*-(4^3)^{2-1}$	-320000009	P	$-9+(-8+7+6)^*-(5^4)^{(3^2)*1}$
-301987007	P	$(-9+8^7-6-5)/-(4^3)^{-2+1}$	-321887520	G	$9^8 * (7^6 * (5-43) + 2^1)$
-301992913	P	$(-9+8^7+6^5)^*-(4^3)^{2-1}$	-321887808	G	$9^8 * (7^6 * (5-43) - 2^1)$
-302150587	G	$(9^8 + 7^6) * (5 - 4^3) + 2 + 1$	-322083202	G	$(9+8)^{7-6^5^4(4^3)/(2^1)}$
-302150589	G	$(9^8 + 7^6) * (5 - 4^3) + 2 - 1$	-322238401	P	$-(9/(87^*(-6 + 5^4) * 3))^{\wedge -2*1}$
-302150591	G	$(9^8 + 7^6) * (5 - 4^3) - 2 + 1$	-322485800	G	$-9 + (8 + 7 - 6^{\wedge}(5 + 4)) * 32 + 1$
-302150593	G	$(9^8 + 7^6) * (5 - 4^3) - 2 - 1$	-322486064	P	$-(9+8-(7-6^{\wedge}(5+4))^*32)+1$
-303234923	P	$-(9+8)^{\wedge}7+65^{\wedge}4^3*2^1$	-322486512	P	$-(9+8+(7+6^{\wedge}(5+4))^*32)+1$
-303460510	P	$(-9-8)^*-(7-65^{\wedge}4)-3-2+1$	-322486760	G	$-9-(8+7+6^{\wedge}(5+4))^*32+1$
-304083844	P	$-(9/(-87^*6+54^3))^{\wedge -2*1}$	-322486762	G	$-9-(8+7+6^{\wedge}(5+4))^*32-1$
-304429100	G	$-9^8 + ((7^* - 6)^5 + 43) * 2 - 1$	-322488074	P	$-9-(8^7+6^{\wedge}(-5-4))^*32-1$
-304429170	G	$-9^8 - ((7^* 6)^5 - 4 - 3) * 2 + 1$	-322489066	P	$-9+(-87-6^{\wedge}(-5-4))^*32-1$
-304429183	G	$-9^8 + ((7^* 6)^5 - 4 + 3) * (-2^* 1)$	-322772975	G	$-9^8 + 7 - 654^3 + 2 + 1$
-304429185	G	$-9^8 + (7^* 6)^5 * (4 - 3^2) * 1$	-322828921	P	$-9+8^*-(7-(-6+5)+4)^{(3^2*2^1)}$
-304429186	G	$-9^8 + (7^* 6)^5 * (4 - 3^2) - 1$	-322830580	G	$-9 + (8^7 + 6 + 5) * (-4 - 3)^{\wedge}(2 + 1)$
-304429198	G	$-9^8 - ((7^* 6)^5 - (-4 - 3)) * 2 + 1$	-324324081	P	$-(9^* 87^*(-65 - 4) / 3)^{\wedge} 2^* 1$
-304429272	G	$-9^8 - ((7^* 6)^5 + 43) * 2 - 1$	-325297296	P	$-((9-87^*(-65 - 4))^3)^{\wedge} 2^* 1$
-305690256	P	$-(9^*(8-7-6^5/4)+3)^{2*1}$	-326853361	P	$9/(8+7)^*-(6^5+4)^3)^{\wedge} 2-1$
-305760196	P	$-(9/((-8-7)^6+54^3))^{\wedge -2*1}$	-327679993	G	$((9-(8-7))^6*5^4+3)^*2+1$
-305760197	P	$-(9/((-8-7)^6+54^3))^{\wedge -2-1}$	-328049990	G	$9+(8+7)^6/5^4(4^3)^2+1$
-306075025	P	$-(9/(8+7-6-54^3))^{\wedge -2*1}$	-328696900	P	$-(98^*(-7^*(6^5-4)-3))^{\wedge} 2^* 1$
-306110020	G	$-9 + (8 - (7 + 6 + 5)^{\wedge}(4 + 3)) / 2 + 1$	-328733161	P	$-(9-(8-(-7^*6^5+4))/3)^{\wedge} 2^* 1$
-306110069	G	$9^* - (8 + ((7 + 6 + 5)^4)^3 - 2) + 1$	-328878225	P	$-((-9 + 8 - 7^*(6^5 - 4)) / 3)^{\wedge} 2^* 1$
-306110085	G	$-9^*(8 - ((7 - 6 - 5)^4)^3) + 2 + 1$	-328950769	P	$-((-9 - 8 - 7^*(6^5 - 4) / 3)^{\wedge} 2^* 1)$
-306145010	P	$-(9/(8+7-6+54^3))^{\wedge -2-1}$	-329059600	P	$-(9/(8-7/6^{\wedge}-5+4)/3)^{\wedge -2*1}$
-306180145	G	$9^*(-8 - 7^*(6^5)^4 * 3) * 2 - 1$	-329349903	P	$-(9/((-8-7^*6^5-4)^3))^{\wedge -2+1}$
-306460036	P	$-(9/((-8-7)^6-54^3))^{\wedge -2*1}$	-329349904	P	$-(9/((-8-7^*6^5-4)^3))^{\wedge -2*1}$
-306460037	P	$-(9/((-8-7)^6-54^3))^{\wedge -2-1}$	-329458801	P	$-((-9 - 8 - 7^*(6^5 - 4) / 3)^{\wedge} 2^* 1)$
-306530064	P	$-(9-876^*5^4+3)^{2*1}$	-329531409	P	$-((-9 + 8 - 7^*(-6^5 - 4)) / 3)^{\wedge} 2^* 1$
-306565081	P	$9/-(8^7/(-6^5^{\wedge}-4)-3)^{\wedge -2*1}$	-329676649	P	$-(9-(8-(7^*6^5+4))/3)^{\wedge} 2^* 1$
-307265841	P	$-(9-8^7+(6+5^4)^3)^{2*1}$	-330243074	G	$(9^8 - 7^6 * 54) / -3^{\wedge} -2 + 1$
-307547035	P	$-(9^*(8+7)^6+54)^3+2^1$	-330865299	G	$9^*((-8+7^6) * 5^4 + 3) / (2^* 1)$
-307548342	P	$-9^*((-8+7)^6 - 54) * -3 + 2 - 1$	-330865311	G	$(9^*(8-7^6)^5 * 4 + 3) / (2^* 1)$
-307819998	G	$9 - 87^*(6 + 5^4 * 3)^{\wedge}(2^* 1)$	-330865314	P	$(9^*(-8 + 7^6)^5 * 4 + 3) / (-2^* 1)$
-308031096	G	$(9^8 - (7^{\wedge}(6 + 5) - 4) / 3) / (2^* 1)$	-330865326	G	$9^*((8 - 7^6)^5 * 4 - 3) / (2^* 1)$
-308142916	P	$-(9/((-87^*6-54^3))^{\wedge -2*1}$	-330910299	G	$9^*((-8 - 7^6)^5 * 4 + 3) / (2^* 1)$
-309584025	P	$-((9+8^7*6)^*(54-3))^2*1$	-330910311	G	$(9^*(-8 - 7^6)^5 * 4 + 3) / (2^* 1)$
-309936384	G	$(9^8 - 7 + 6) / (-5 / (4 + 32)^* 1)$	-330910314	P	$(-9^*(-8 - 7^6)^5 * 4 + 3) / (-2^* 1)$
-310042322	G	$-9^8 - (76^* 5^4 3)^{2-1}$	-330910326	G	$-9^*((-8 - 7^6)^5 * 4 + 3) / (2^* 1)$
-310234297	G	$-9^8 - 76^*(5^4 * 3)^{2+1}$	-330938290	G	$-9 + (8 + (76 - 5^4 * 3))^3 + 2 + 1$
-310429161	P	$-(9^*(8^7+6^5)/4+3)^{2*1}$	-331373894	G	$-9-(8-76^*(-5-4))^3+2+1$
-310570128	P	$-(9-8^7-(6^5-4)^3)^{2+1}$	-331560135	P	$(9^*(8-7))^6*5^4-3^{\wedge}-2-1$
-310570130	P	$-(9-8^7-(6^5-4)^3)^{2-1}$	-331713369	P	$-(9^8*(7-65^4)+3)^{2*1}$
-310640625	P	$-(9^*(8^7+6^5)/4+3)^{2*1}$	-331851503	P	$-(9^8+(7+654)^3+2)-1$
-311299119	G	$(98^7 * 6 - 5) * (4 - 32 + 1)$	-331851505	P	$-(9^8+(7+654)^3+2)-1$
-311299389	G	$(98^7 * 6 + 5) * (4 - 32 + 1)$	-332041293	G	$-9 - ((8 + 7)^6 * 5^4 - 4 + 3)^{2*1}$
-311404740	P	$-(9^8 * 7 + 6^{\wedge}(5 + 4) - 3) * (2 - 1)$	-332150618	P	$-((98+7+6^5)^4-3^2)+1$
-311404746	P	$-(9^8 * 7 + 6^{\wedge}(5 + 4) + 3) * (2 - 1)$	-332150621	P	$-(98+7+6^5)^4+3+2-1$
-311785281	G	$-9^8 + (7 + 65)^{\wedge} 4 * (-3^2 - 1)$	-332453466	G	$9^*(8-7^6)^*(5^4+3)/(2^*1)$
-311794802	G	$-9 - 8^*(7 - (6 + 5)^{\wedge}(4 + 3) * -2) - 1$	-332498682	G	$9^*(-8 - 7^6)^5 * (5^4 + 3) / (2^* 1)$
-312237865	G	$-9 - (8 + 7^6)^5 + 4^{\wedge}(3^2 * 1)$	-332563921	G	$-9 + 8^7 - 6^{\wedge}(5 + 4) * (32 + 1)$
-312408360	P	$-(9-8)+(7-6^{\wedge}(5+4))^*(32-1)$	-332564047	G	$-9^8 - 7 - 6^{\wedge}(5 + 4) * (32 + 1)$
-312408376	P	$-(9+8)+(7-6^{\wedge}(5+4))^*(32-1)$	-332564200	P	$-(9-8)-(7+6^{\wedge}(5+4))^*(32+1)$
-312500154	P	$-(9+(8^7-6)^5+(4^3)^2)-1$	-332564216	P	$-(9+8)-(7+6^{\wedge}(5+4))^*(32+1)$
-312617761	P	$-(98+7+(6+5^4)^3)^{2*1}$	-332565825	P	$-9 + (8^7 + 6^{\wedge}(5 + 4)) * - (32 + 1)$
-312762153	G	$-9 - (8 + 7^6)^5 - 4^{\wedge}(3^2 * 1)$	-332588169	P	$-(9+(8+7)^6)^5*5^4-4+3)^{2*1}$
-313711215	P	$-(9+(8+76+5)^4*(3+2))-1$	-333573696	P	$-(9^8*(-765+4)/3)^{2*1}$
-314110016	P	$-(9^8+7^6*(5+43)^2)+1$	-334267777	P	$(9+8+7)^*-(6^*(5^4-3))^{\wedge} 2-1$
-314110017	P	$-(9^8+7^6*(5+43)^2)*1$	-334524100	P	$-(9-87^*(-6-5^4)/3)^{\wedge} 2^* 1$
-314227666	P	$-9^8+7^6*(5+43)^2-1$	-334661129	G	$-9-8^7-6^{\wedge}(5+4)^*(32+1)$
-314459289	P	$-(((-98 + 7)^6 * 5 + 4) * 3)^{2*1}$	-334853401	P	$-(9/(87^*(6+5^4))/3)^{\wedge -2*1}$
-314571899	G	$9^*(-8^{\wedge} 7 + 6)^5 * (4 / 3 + 2) + 1$	-335545160	P	$-(9 - ((8^{\wedge} 7 + 6)^* - 5 + 4)^3 2) + 1$
-314571901	G	$9^*(-8^{\wedge} 7 + 6)^5 * (4 / 3 + 2) - 1$	-335545290	G	$-9 + (8^{\wedge} 7 + 6)^5 / (-4^{\wedge} - 3^2) - 1$
-315867108	G	$-9^8 - 7^*((6 + 5)^{\wedge}(4 + 3) * 2 - 1)$	-335545439	G	$(-9 - (8^{\wedge} 7 + 6)^5 * 5 + 4) * 32 + 1$
-315867115	G	$-9^8 - 7^*(6 + 5)^{\wedge}(4 + 3) * 2^1$	-335546591	G	$((-9 - (8^{\wedge} 7 + 6))^5 * 4) * 32 + 1$
-315867116	G	$-9^8 - 7^*(6 + 5)^{\wedge}(4 + 3) * 2 - 1$	-336098889	P	$-((9+8^7*6^5)^*(4+3))^2*1$

-336318922	P	$9/-(8*765-4-3)^{-2}-1$	-359822961	P	$-((-9-87*654)/3)^{2*1}$
-337101994	G	$-9^8+(7*6)^5/4*3^2-1$	-359987393	G	$-9^8-76^5*4/32*1$
-337792031	G	$(9-8+7-65)^4*-32+1$	-359987394	G	$-9^8-76^5*4/32-1$
-337792033	G	$(9-8+7-65)^4*-32-1$	-360005939	G	$(-9-8)^7*6^5*5*4*3^2+1$
-337861160	P	$9/-(8*765+4+3)^{-2}+1$	-360005941	G	$(-9-8)^7*6^5*5*4*3^2-1$
-338040215	P	$(9+8+7)^*-(-6^5*4-3)^{2+1}$	-361094682	G	$-9^8+7*((-6^5-4)^{(3+2)+1})$
-338464034	G	$(9^8+76^5/4+3)/(-2^*1)$	-362010677	G	$(-9^8+7)^6*5^{-4}*3-2^*1$
-339333241	P	$-(-98*(7*-6-5)*4+3)^{2*1}$	-362123425	P	$9^8*(7+6)^*(5^4-3)^{2-1}$
-339554329	P	$-(-98*(7*-6-5)*4+3)^{2*1}$	-362673943	P	$-((9^8-7*6^5)^{4+3*2})-1$
-339739606	G	$-9+(-8^7-6)^5*4*3-2+1$	-362720123	P	$9^8*(-(8^7+6+5)^{4+3})^2+1$
-339787681	P	$-(-9^8+(7*6+5^4)^3-2)+1$	-363505650	P	$-(-9^8*76+54)/(3^2*1)$
-339787683	P	$-(-9^8+(7*6+5^4)^3-2)-1$	-364499370	G	$-9-((8+7)^6-5^4)^3*2-1$
-339843751	G	$(-98-76)^5*(4+3+2)-1$	-364499976	P	$-(-9+((8+7)^6-(5-4)^3)^2)+1$
-340623936	P	$-(-9^8*(-765-4)/3)^{2*1}$	-364500170	G	$-9+((8+7)^6+5)/(-4^{-3*2})-1$
-340747775	P	$(9+8+7)^*-(-6*(5^4+3))^{2+1}$	-364500650	G	$-9-((8+7)^6+5^4)^3*2-1$
-340953285	P	$-(-9^8+7)-6*(5^4)^{(3*2)+1}$	-364504464	P	$-(-9^8*(7/6+5)^4)^{2*1}$
-341621289	P	$-((9-8*(-765-4))^3)^{2*1}$	-364904458	G	$-9-(-8^7*(-6^5-(4*3)^2)+1)$
-341769168	P	$-((9/(8+(7-6+54)^3))^{-2})+1$	-365532985	G	$-9^8+7-6^4(5+4)^3*2+1$
-341769169	P	$-((9/(8+(7-6+54)^3))^{-2})^*1$	-365532987	G	$-9^8+7-6^4(5+4)^3*2-1$
-341843120	G	$-9*(8^7+65+43)^{2+1}$	-365533217	P	$-(-9^8+(7+6^4(5+4))^3)^2*1$
-342102047	P	$-((98*-7+6)/5)^4-32+1$	-365533218	P	$-(-9^8+(7+6^4(5+4))^3)^2-1$
-342102049	P	$-((98*-7+6)/5)^4-32-1$	-366243668	G	$(9^8-7^6*5^4)^*-3^2+1$
-342314224	P	$-(-9+8)^7+(6^5*4)^3*2+1$	-366243670	G	$(9^8-7^6*5^4)^*-3^2-1$
-342486856	G	$-9-8*(7^6+54^3)^2+1$	-367510493	G	$-9+(-8+7^6)^5*(-5^4(4+3-2)+1)$
-342722665	G	$-9^8-7^6*54^3*2-1$	-367656251	G	$(-9+8-7^6)^5*(4+3-2)-1$
-342722671	G	$-9^8+7^6*(-654^3*2-1)$	-367680625	P	$-(-9+8*(-(7*(6-5))^{4+3}))^{2*1}$
-343064556	P	$9^*-(-8-7^6*(-54/3))^{2*1}$	-367680626	P	$-(-9+8*(-(7*(6-5))^{4+3}))^{2-1}$
-343286783	P	$9/-(8*(-765-4-3))^{-2}+1$	-367706251	G	$(-9-8-7^6)^5*(4+3-2)-1$
-343932938	G	$-9-8^7*(6*(-5-4)^*-3+2)-1$	-367773900	G	$(-9+8-7^6)^5*(4+3-2)+1$
-344367648	G	$(9^8-765)/(-4/32^*1)$	-367795791	G	$-9+(-8-7^6)^5*(4+3-2)+1$
-344370727	P	$-(-9^8-76^5)/4^3*2+1$	-367823916	G	$(-9-8-7^6)^5*(4+3-2)+1$
-344370729	P	$-(-9^8-76^5)/4^3*2-1$	-368288612	G	$9^8*(-76-(5-4))^3*3^2+1$
-344373120	G	$(-9^8+76+5)/(4/32^*1)$	-368371249	P	$-(-9-8*(-(7/(6-5))^{4+3}))^{2*1}$
-344373583	P	$-(-9^8+7-6^5)/4^3*2+1$	-368371250	P	$-(-9-8*(-(7/(6-5))^{4+3}))^{2-1}$
-344373624	G	$(9^8-7-6-5)/(-4/32^*1)$	-368640031	G	$-9^*(8+7+65)^4-32+1$
-344373706	P	$-(-9+8*((76+5)^4-3^2))^{-1}$	-368640033	G	$-9^*(8+7+65)^4-32-1$
-344373713	P	$-9+8*(-((76+5)^4-3^2+1))$	-368927263	G	$(-98^7*6+5^4)^3*2+1$
-344373720	G	$9-8*((76+5)^4-(3+2))^{-1}$	-368945535	G	$(-98^7*6+5^4)^3*2-1$
-344373912	G	$(9^8+7+6+5)/(-4/32^*1)$	-368946975	G	$(98^7*6-5-4)^*-3+2+1$
-344374344	G	$(9^8+7+6+5)/(-4/32^*1)$	-368947258	G	$98^7*(-7+6+5)^*-4+3+2+1$
-344374416	G	$(9^8+76+5)/(-4/32^*1)$	-368947260	G	$98^7*(-7+6+5)^*-4+3+2-1$
-344379888	G	$(-9^8-765)/(4/32^*1)$	-368947268	G	$98^7*(-7+6+5)^*-4-3-2+1$
-344809224	G	$(9^8+7/6^5-5)/(-4/32^*1)$	-368947270	G	$98^7*(-7+6+5)^*-4-3-2-1$
-345888036	G	$(-98^7*6^5+5+4)^3*2^*1$	-369177797	P	$-(-9+8*(7/(6-5))^{4-3})^{2-1}$
-345888037	G	$(-98^7*6^5+5+4)^3*2-1$	-369381642	G	$-9+(8*(7-6^5*4))^3/2-1$
-345888083	G	$(98^7*6^5-5-4)^3*2+1$	-369523729	P	$-(-9-8*((7/(6-5))^{4+3}))^{2*1}$
-345888084	G	$(98^7*6^5-5-4)^3*2^*1$	-369677529	P	$-(-9^8*(7+65^4+3))^2*1$
-346032555	G	$(-9-(8^7+6))^5*(4^3/2+1)$	-369774811	G	$-9^8+((7^6)^5+4)^3*(-3/2-1)$
-349051770	P	$-9^8+7^6*(-(54-3)^{2*1})$	-370201145	G	$(9^8-76)/(-5/43)^2*1$
-349169419	P	$-9^8+7^6*(-(54-3)^{2-1})$	-370201149	G	$(9^8-76)/(-5/43)^2*1$
-349763585	P	$-(-9+8)^7+(6^5+4+3)^2-1$	-370201790	G	$(9^8-7+6)/(-5/43)^2*1$
-349856945	P	$-(-9+8)^7+(6^5+4-3)^2-1$	-370201794	G	$(9^8-7+6)/(-5/43)^2*1$
-349888049	P	$-(-9+8)^7+(6^5-4+3)^2-1$	-370600321	P	$-9-((-(-8-7)^6(6+5))^{4+3})/(-2-1)$
-349920001	P	$-((-9+8+7)^6*5)^4/3-2+1$	-373301033	P	$-((-(-9-8)+7)^6+5)^4+3^2-1$
-349920003	P	$-((-9+8+7)^6*5)^4/3-2-1$	-373301038	P	$-((-9-8-7)^6-5)^4+3^2(2-1)$
-349981313	P	$-(-9+8)^7+(6^5-4-3)^2-1$	-373301051	P	$-((-(-9-8)+7)^6+5)^4-3^2-1$
-351077817	G	$(9^8+(7^6(6+5)-4)/3)/(-2^*1)$	-373985019	G	$-9^8+(76-5^4)^3*(2^*1)$
-351450009	P	$-(((9+8+(7+6))^5*4-3)^2)^*1$	-374422500	P	$-((-9-(87-6))^5*43)^{2*1}$
-352275365	P	$-((9^8+(7+6)^5)^4+3+2)+1$	-374837586	G	$-9+8^7*6-(5+4)^3(2^*1)$
-352719370	P	$-(-9+8)-7*(6^5(5+4)^3(3+2)-1)$	-374863195	G	$-9^8-7^6*5^4*3+2^*1$
-352719459	P	$-98-7^6*6^5-(5-4)^3(3+2)-1$	-374863199	G	$-9^8-7^6*5^4*3-2^*1$
-352801089	P	$-(-9-87*(6/(5-4))^3)^{2*1}$	-374863225	G	$-98-7^6*5^4*3-2^*1$
-354230041	P	$-(-9/(87*(6^5/4+3)))^{2*1}$	-375186672	P	$-(-9+8)^7+(65^4)^3*2+1$
-354719556	P	$-((-9-8+7^6*65)^4)^{2*1}$	-377207766	G	$(9^8+(7^6)^5*4)/(-3*(2^*1))$
-356786796	G	$(-9-8)^7+65^4*3+2^*1$	-377487470	G	$(9^8*7+6)^5*-5^4+3^2+1$
-356786800	G	$(-9-8)^7+65^4*3-2^*1$	-377796969	P	$-((-9-(8-7))^6*5/4+3)^{2*1}$
-358196481	P	$(98-(7-6)-5)^4*(3+2)-1$	-377890919	G	$(9^8-7^6*5(5+4))^*-3^2+1$
-358722674	G	$9^8*(-(76+5-4)^3)^2+1$	-377890921	G	$(9^8-7^6*5(5+4))^*-3^2-1$
-358913025	P	$-(-9*(-(87*6+5)^4+3))^2*1$	-378030249	P	$-((-9-(8-7))^6*5/4+3)^{2*1}$
-359709156	P	$-(-9/(87*654^3))^{-2*1}$	-378263601	P	$-(-9-(-8-7)/6^{-(5+4-3)})^{2*1}$

-378535936	P	$(9-8+7)^6 - (5-43)^2 * 1$	-387383553	P	$-(9^8-76^54) * 3^2(2^*1)$
-378743085	G	$(98+7+6-5)^4 * -3+2+1$	-387392949	P	$-(9^8-765^4) * 3^2(2^*1)$
-378743087	G	$(98+7+6-5)^4 * -3+2-1$	-387400009	G	$-9^8(8+7-6)+5^4(3^2) * 1$
-378743089	G	$(98+7+6-5)^4 * -3-2+1$	-387402930	G	$(9^8-(7+6^5/4))/(-3^2-2^*1)$
-378743091	G	$(98+7+6-5)^4 * -3-2-1$	-387403056	P	$(9^8+7-6^5/4)/(-3^2-2^*1)$
-379666567	G	$(9-8^*7^6-5)^4 / -32+1$	-387408824	G	$(9^8-(7-(6-5))^4) * -3^2+1$
-379666569	G	$(9-8^*7^6-5)^4 / -32-1$	-387413568	P	$-(9^8-765-4) * 3^2(2^*1)$
-380130552	G	$(9^8+7-(6^5)^4) / (-3^2-2^*1)$	-387413640	P	$-(9^8-765+4) * 3^2(2^*1)$
-380476833	G	$(-98^*7^6+5-4) * (32+1)$	-387414180	P	$-(9^8-76-5^4) * 3^2(2^*1)$
-380476899	G	$(-98^*7^6-5+4) * (32+1)$	-387414486	P	$-(9^8-7^6-5^4) * 3^2(2^*1)$
-380575326	P	$-(9-8)-(7+6)^5 * (4^3(3+2)+1)$	-387414540	P	$-(9^8-7-654) * 3^2(2^*1)$
-380575342	P	$-(9-8)-(7+6)^5 * (4^3(3+2)+1)$	-387414666	P	$-(9^8+7-654) * 3^2(2^*1)$
-381681672	G	$-9-8^7 * ((6+54)^3+2)+1$	-387414747	P	$-(9^8-7-6-5^4) * 3^2(2^*1)$
-381902858	P	$-(9-8^7) - 6 / (5^4)^3(2-2) - 1$	-387414855	P	$-(9^8-7+6-5^4) * 3^2(2^*1)$
-382124304	P	$-(9+8-7^65^43)^2 * 1$	-387414865	G	$-9^8(8+7-6)+5^4 * 3^2-1$
-382126248	P	$-(9^8+7-6^5-4) * 3^2(2^*1)$	-387414873	P	$-(9^8+7-6-5^4) * 3^2(2^*1)$
-382126320	P	$-(9^8-7^65^4) * 3^2(2^*1)$	-387414981	P	$-(9^8+7+6-5^4) * 3^2(2^*1)$
-382789207	P	$-(9-8)-(7^65^43)^2+1$	-387415242	P	$-(9^8+7^6-5^4) * 3^2(2^*1)$
-383778846	P	$-(9+8^7(65-4))^3(2-2)-1$	-387415548	P	$-(9^8+76-5^4) * 3^2(2^*1)$
-383990016	G	$(-9+8)^7 * (-7^6+5) / -4^3-3^2(2+1)$	-387416358	P	$-(9^8-7^65-4) * 3^2(2^*1)$
-383999218	G	$9^8 * 7-6^5(5^4)^3(2^*1)-1$	-387416430	P	$-(9^8-7^65+4) * 3^2(2^*1)$
-383999315	G	$98^7-6^5(5^4)^3(2^*1)-1$	-387417033	P	$-(9^8-76^5-4) * 3^2(2^*1)$
-383999882	P	$-(9-8)^7 * 7-6 / (5^4)^3(2-2)-1$	-387417105	P	$-(9^8-76^5+4) * 3^2(2^*1)$
-383999928	P	$-(9-87)-6^5((5^4)^3(2^*1)+1)$	-387417510	P	$-(9^8-7-6^54) * 3^2(2^*1)$
-383999959	P	$-(9-8^7)-6^5((5^4)^3(2^*1)+1)$	-387417636	P	$-(9^8+7-6^54) * 3^2(2^*1)$
-383999982	P	$-(9+8)-7-6^5((5^4)^3(2^*1)+1)$	-387418086	P	$-(9^8-7-65^4) * 3^2(2^*1)$
-384000016	P	$-(9+8-7)-6^5((5^4)^3(2^*1)+1)$	-387418212	P	$-(9^8+7-65^4) * 3^2(2^*1)$
-384000025	P	$-(9+8+7)-6^5(5^4)^3(2^*1)-1$	-387419198	G	$(9+8)^7 * 76-(5+4)^3 * 2-1$
-384000092	P	$-(98-7)-6^5(5^4)^3(2^*1)-1$	-387419319	P	$-(9^8-76-54) * 3^2(2^*1)$
-384000095	P	$-(9+87)-6^5(5^4)^3(2^*1)+1$	-387419472	G	$(9^8+7-6^54) / (-3^2-2^*1)$
-384000104	P	$-(98+7)-6^5(5^4)^3(2^*1)+1$	-387419544	G	$(9^8-7^6(6+5+4)) / (-3^2-2^*1)$
-384000111	P	$-(98+7)-6^5((5^4)^3(2^*1)+1)$	-387419625	P	$-(9^8-76-5^4) * 3^2(2^*1)$
-384005376	G	$((-9-8)^7 * 7^6+5) / 4^3-3^2(2+1)$	-387419712	G	$9^8 * 7-6-(5+4)^3 * 2^*1$
-384007296	G	$((-9-8)^7 * 7^6+5) / -4^3-3^2(2+1)$	-387419724	P	$-(9^8-76-5-4) * 3^2(2^*1)$
-384022656	G	$(-9-8)^7 * (7^6+5) / 4^3-3^2(2+1)$	-387419809	G	$98^7-6-(5+4)^3 * 2^*1$
-384220488	G	$-9^8(8+7-6)-(-5^4)^3(3+2)+1$	-387419814	P	$-(9^8-76+5-4) * 3^2(2^*1)$
-384220490	G	$-9^8(8+7-6)-(-5^4)^3(3+2)-1$	-387419886	P	$-(9^8-76+5+4) * 3^2(2^*1)$
-384418672	P	$-(9+8)^7+6^5(5^4)^3 * 2+1$	-387419940	P	$(9^8-(7+6)^5+4) / (-3^2-2^*1)$
-384944400	P	$-(9-8-7)^7 * 654^3 * 2^*1$	-387419991	G	$9^8 * 7-6-(5+4)^3 * 2^*1$
-385420456	G	$(9+8)^7 * 76-(5+4)^3 * 2^*1$	-387419992	G	$9^8 * 7-6-(5+4)^3 * 2-1$
-386097162	G	$-9-8^7-6^5(5^4)^3(2^*1)-1$	-387420012	P	$-(9^8+7-6-54) * 3^2(2^*1)$
-386356022	G	$(9^8-7^6-5^4) / -3^2-2+1$	-387420030	P	$-(9^8-(7^6+5)+4) / (3^2-2^*1)$
-386356024	G	$(9^8-7^6-5^4) / -3^2-2-1$	-387420048	P	$(9^8-7^6-(-6+5+4)) / (-3^2-2^*1)$
-386361162	P	$-(9^8-7^6-54) * 3^2(2^*1)$	-387420259	G	$-9^8(8+7-6)+5^4(43+2+1)$
-386361567	P	$-(9^8-7^6-5-4) * 3^2(2^*1)$	-387420291	P	$-(9^8-76+54) * 3^2(2^*1)$
-386361639	P	$-(9^8-7^6-5+4) * 3^2(2^*1)$	-387420379	G	$98+7+6-(5+4)^3 * 2-1$
-386361657	P	$-(9^8-7^6+5-4) * 3^2(2^*1)$	-387420608	G	$-9^8(8+7-6)-(-5+4^3) * 2-1$
-386361729	P	$-(9^8-7^6+5+4) * 3^2(2^*1)$	-387420626	G	$-9^8(8+7-6)+(-5-4^3) * 2+1$
-386362134	P	$-(9^8-7^6+54) * 3^2(2^*1)$	-387420632	G	$-9^8(8+7-6)-(5+4+3)^2+1$
-386367272	G	$(9^8-7^6+5^4) / -3^2-2+1$	-387420634	G	$-9^8(8+7-6)-(5+4+3)^2-1$
-386367274	G	$(9^8-7^6+5^4) / -3^2-2-1$	-387420637	G	$-9^8-76-(5+4)^3(2^*1)$
-386479306	G	$-9+8^7 * 76-(5+4)^3(2^*1)$	-387420687	P	$-(9^8+76-54) * 3^2(2^*1)$
-386924554	G	$-9+8^7 * 6^5(5/4-32)-1$	-387420693	G	$-9^8(8+7-6)-5^4(43-2)+1$
-386992990	G	$(9^8-76^5/4) / -3^2-2-1$	-387420713	G	$-9^8(8+7-6)-5^4(43+2)+1$
-387066275	G	$-9^8(8+7+6543)^2+1$	-387420719	G	$-9^8(8+7-6)-5^4(43+2)+1$
-387066277	G	$-9^8(8+7+6543)^2-1$	-387420758	G	$-9^8(8+7-6)-5^4(3+2)+1$
-387140490	P	$(9^8-7-6^54) / (-3^2-2^*1)$	-387420799	G	$-9^8(8+7-6)-5^4(4^3-2) * 1$
-387140616	P	$(-9^8-7+6^54) / (-3^2-2^*1)$	-387420930	P	$(9^8+7^6((6+5)-4)) / (-3^2-2^*1)$
-387184238	G	$(9^8-7^65^4) * -3^2+1$	-387420966	P	$-(9^8-7+6+54) * 3^2(2^*1)$
-387184240	G	$(9^8-7^65^4) * -3^2-1$	-387421001	G	$9-8^7 * 6-(5+4)^3 * 2+1$
-387302938	G	$-98+7^6-(5+4)^3(2^*1)$	-387421087	G	$9-8^7 * 6-(5+4)^3 * 2+1$
-387342365	G	$-9^8(8+7-6)+5^4(4+3)-2+1$	-387421092	P	$-(9^8+76-5-4) * 3^2(2^*1)$
-387342367	G	$-9^8(8+7-6)+5^4(4+3)-2-1$	-387421110	P	$(9^8+(7+6)^5+4) / (-3^2-2^*1)$
-387350406	P	$-(9^8-7-6^5-4) * 3^2(2^*1)$	-387421112	G	$-9^8(8+7-6)-5^4+3-2+1$
-387350478	P	$-(9^8-7-6^5+4) * 3^2(2^*1)$	-387421118	G	$-9^8(8+7-6)-5^4-3-2+1$
-387350532	P	$-(9^8+7-6^5-4) * 3^2(2^*1)$	-387421164	P	$-(9^8+76-5+4) * 3^2(2^*1)$
-387350604	P	$-(9^8+7-6^5+4) * 3^2(2^*1)$	-387421181	G	$-98^7-6-(5+4)^3(2^*1)$
-387351602	G	$(-9^8+7654) / 3^2-2+1$	-387421254	P	$-(9^8+76+5+4) * 3^2(2^*1)$
-387379287	P	$-(9^8-7^654) * 3^2(2^*1)$	-387421278	G	$-9^8 * 7-6-(5+4)^3(2^*1)$
-387380736	P	$(9^8-7^6-(-6-5^4)) / (-3^2-2^*1)$	-387421344	G	$(9^8-76^5/4) / (-3^2-2^*1)$

-387421353	P	$-(9^8+7^6+54)*3^{(2*1)}$	-392073975	G	$(98+(7^6)^5-4)*-3+2+1$
-387421632	G	$(9^8+7-6^*-5^4)/(-3^*-2^*1)$	-392714658	P	$-(9^8+7^6*5-4)*3^{(2*1)}$
-387421659	P	$-(9^8+76+54)*3^{(2*1)}$	-392714730	P	$-(9^8+7^6*5+4)*3^{(2*1)}$
-387422766	P	$-(9^8-7+65^4)*3^{(2*1)}$	-394577131	G	$-9^8+(7^*(6+5))^4*(-3^2-1)$
-387422892	P	$-(9^8+7+65^4)*3^{(2*1)}$	-394710552	G	$(9^8+7+(6^*5)^4)/(-3^*-2^*1)$
-387423342	P	$-(9^8-7+6^*54)*3^{(2*1)}$	-394832376	P	$-(9^8+7^6(6+5-4))^*(3^2*1)$
-387423468	P	$-(9^8+7+6^*54)*3^{(2*1)}$	-395766074	P	$-9^8-7^*(6^-(5-4)^*(3+2)-1)$
-387423576	P	$(9^8+7^6(-6-5+4))/(-3^*-2^*1)$	-395766082	G	$-9^8-7^*6^*(5+4)^*(3+2)-1$
-387423873	P	$-(9^8+76^*5-4)*3^{(2*1)}$	-395891217	G	$-9^8*7^6(-5+4)^{(3^2*1)}$
-387423945	P	$-(9^8+76^*5+4)*3^{(2*1)}$	-396140848	P	$-(9+8)^7+(6^*(5^4+3))^2+1$
-387424548	P	$-(9^8+7^*65-4)*3^{(2*1)}$	-396310568	G	$-9+(8+(7^*6-5^4)^3)*2-1$
-387424620	P	$-(9^8+7^*65+4)*3^{(2*1)}$	-396410848	P	$-(9+8)^7+(6^*(-5^4+3))^2+1$
-387425430	P	$-(9^8-76+5^4)*3^{(2*1)}$	-396950057	G	$(-9^8-7^6*5(5+4))^*3^2+1$
-387425736	P	$-(9^8-7^*6+5^4)*3^{(2*1)}$	-396950059	G	$(-9^8-7^6*5(5+4))^*3^2-1$
-387425997	P	$-(9^8-7-6+5^4)*3^{(2*1)}$	-398441521	P	$-(-9-8^*(-7+65)^4)^2+1$
-387426105	P	$-(9^8-7+6+5^4)*3^{(2*1)}$	-398811123	G	$-9-(8+7)^6(-5+4)^{(3^2*1)}$
-387426113	G	$-9^8(8+7-6)-5^4*3^2+1$	-399640081	P	$-(9+(-8-7)/6^*(5^4)^3)^2+1$
-387426115	G	$-9^8(8+7-6)-5^4*3^2-1$	-399724108	P	$-(9+8)^7+(6^*543)^2+1$
-387426123	P	$-(9^8+7-6+5^4)*3^{(2*1)}$	-400003410	G	$-9-8^7*6(-5+4)^{(3^2*1)}$
-387426231	P	$-(9^8+7+6+5^4)*3^{(2*1)}$	-400360081	P	$-(9+(-8-7)/6^*(-5^4)^3)^2+1$
-387426312	P	$-(9^8-7+654)*3^{(2*1)}$	-401769993	G	$-9-(8^7+6^6(5+4))^*(32+1)$
-387426438	P	$-(9^8+7+654)*3^{(2*1)}$	-402474353	G	$(-9-8)^7+(6^*5^4)^3(3^2*1)$
-387426492	P	$-(9^8+7^*6+5^4)*3^{(2*1)}$	-402526647	P	$-(9+8)^7+(65^4)^2+1$
-387426798	P	$-(9^8+76+5^4)*3^{(2*1)}$	-402653160	P	$-(9+(8^7*6-(5-4))^3)^2+1$
-387427338	P	$-(9^8+765-4)*3^{(2*1)}$	-402654920	G	$-9+(8^7*6+54)^*-32+1$
-387427410	P	$-(9^8+765+4)*3^{(2*1)}$	-402654922	G	$-9+(8^7*6+54)^*-32-1$
-387438048	P	$(9^8+7+6^5/4)/(-3^*-2^*1)$	-404750346	P	$-(9+8^7*(65+4^3)^2)-1$
-387448029	P	$-(9^8+765^4)*3^{(2*1)}$	-406489228	P	$-(9+8)^7+(65^4)^2+1$
-387454176	P	$(-9^8+7-6^*5^4)/(-3^*-2^*1)$	-406577654	G	$9-8^*(7^6-5)^4*32+1$
-387457425	P	$-(9^8+76^*54)*3^{(2*1)}$	-406577656	G	$9-8^*(7^6-5)^4*32-1$
-387461691	P	$-(9^8+7^*654)*3^{(2*1)}$	-406594800	G	$-9^8*(7^6*(5+4)^3)-2^*1$
-387490374	P	$-(9^8-7+6^5-4)*3^{(2*1)}$	-406594948	G	$(98/7)^6*54-(3+2)+1$
-387490446	P	$-(9^8-7+6^5+4)*3^{(2*1)}$	-406594951	G	$(98/7)^6*54-3^2-1$
-387490500	P	$-(9^8+7+6^5-4)*3^{(2*1)}$	-406595088	G	$-9^8*(7^6*(5+4)^3)+2^*1$
-387490572	P	$-(9^8+7+6^5+4)*3^{(2*1)}$	-406612214	G	$9-8^*(7^6+5)^4*32+1$
-387498611	G	$-9^8(8+7-6)-5^4(4+3)+2+1$	-406612216	G	$9-8^*(7^6+5)^4*32-1$
-387498613	G	$-9^8(8+7-6)-5^4(4+3)+2-1$	-406823043	P	$-(9+8)^7+6+(5^4*3)^2-1$
-387498615	G	$-9^8(8+7-6)-5^4(4+3)-2+1$	-406847488	P	$9^8*7^6-(6-5^*-4(-3^2-2+1)))$
-387498617	G	$-9^8(8+7-6)-5^4(4+3)-2-1$	-407138668	P	$-(9+8)^7+6+(5^4)^3(3+2)-1$
-387538155	G	$-9-8-7^6(-5+4)^{(3^2*1)}$	-408597308	G	$(-9^8-7^6*5^4)*3^2+1$
-387538236	G	$-98-7^6(-5+4)^{(3^2*1)}$	-408597310	G	$(-9^8-7^6*5^4)*3^2-1$
-387538597	P	$-((9+(-8+7)^6)^{(5+4)+3})^2-1$	-408610672	P	$-(9+8)^7-(6^*5^*-4)^3+2-1$
-387656738	G	$(-9^8-7^*6^5+4)*3^2+1$	-408944635	P	$9^*(8^7*65+4)/3+2-1$
-387656740	G	$(-9^8-7^*6^5+4)*3^2-1$	-408944682	P	$-(9+8^7*65-4)^*3-(2+1)$
-387682628	G	$-9^8(8+7-6)+5-4^{(3^2*1)}$	-409825458	P	$-(9+8)^7+6^5*(4^3+2)-1$
-387700488	P	$(-9^8-7-6^*5^4)/(-3^*-2^*1)$	-409843058	G	$(-9-8)^7+(6+5)^4(3^2)^2-1$
-387755551	G	$(9-8-(7-65))^4*32+1$	-409856562	P	$-(9+8)^7+6^5*(4^3+2)-1$
-387755553	G	$(9-8-(7-65))^4*32-1$	-409869934	G	$(-9-8)^7+6^*(5^4(4+3)-2)+1$
-387847990	G	$(-9^8-76/5^4)/3^2-2-1$	-409918770	P	$-(9+8)^7+(6^5-5^4*3)^2-1$
-387973128	G	$-9-8^7*((65-4)^3+2)+1$	-409944284	P	$-(9+8)^7+6+(5^4+3)^2-1$
-388473704	G	$(-9^8-7^6+5^4)/3^2-2+1$	-410062524	P	$-(9/(8+7))^6+5^4-3-2+1$
-388473706	G	$(-9^8-7^6+5^4)/3^2-2-1$	-410076540	P	$-(9+8)^7+6-5+4^3(3^2*1)$
-388478844	P	$-(9^8+7^6-54)*3^{(2*1)}$	-410076559	P	$-(9+8)^7-6^*5+4^3(3^2*1)$
-388479150	P	$(9^8+7^6-5^4)/(-3^*-2^*1)$	-410089714	P	$-(9+8)^7+(6^5+4)^3*2-1$
-388479249	P	$-(9^8+7^6-5-4)*3^{(2*1)}$	-410156260	G	$-9-(8+7^*(6/5^4(-4-3^2-1)))$
-388479321	P	$-(9^8+7^6-5+4)*3^{(2*1)}$	-410156309	P	$-(9+8)^7-6^*-5^4(4-3^2-2)-1$
-388479339	P	$-(9^8+7^6+5-4)*3^{(2*1)}$	-410167278	P	$-(9+8)^7+(6^*(5+4^3))^2-1$
-388479411	P	$-(9^8+7^6+5+4)*3^{(2*1)}$	-410182434	G	$(-9-8)^7-(6-5^4(4+3))^2+1$
-388479510	P	$(9^8+7^6+5^4)/(-3^*-2^*1)$	-410183154	P	$-(9+8)^7+6^5*4^3(3+2)-1$
-388479816	P	$-(9^8+7^6+54)*3^{(2*1)}$	-410209072	P	$-(9+8)^7+(6^5*4^3)^2+1$
-388484954	G	$(-9^8-7^6-5^4)/3^2-2+1$	-410213358	P	$-(9+8)^7+(6^*(5-4^3))^2-1$
-388484956	G	$(-9^8-7^6-5^4)/3^2-2-1$	-410215794	P	$-(9+8)^7-6^*-5/4^3(3^2-2)-1$
-389595144	G	$-9-(8^7+6^5(5+4))^*32+1$	-410218673	G	$(-9-8)^7+6/(5^4-4/(32^*1))$
-390068607	G	$-9-(8^7*6-54)^*(32-1)$	-410268690	P	$-(9+8)^7+6^5*(4+3+2)-1$
-390183276	P	$-(9+8)^7+(6^5(5+4)+3)^2-1$	-410290662	P	$-(9+8)^7-6^*-((5^4)^3+2)-1$
-390620488	G	$-9^8(8+7-6)+(-5^4)^3(3+2)+1$	-410290686	P	$-(9+8)^7-6^*(5^4-4)^3+2-1$
-390620490	G	$-9^8(8+7-6)+(-5^4)^3(3+2)-1$	-410292441	P	$-((9+8)^7-6)+(5^4*3)^2+1$
-391138672	P	$-(9+8)^7+6/(5^4)^3(-3-2)+1$	-410311458	G	$(-9-8)^7+6^5*(4+3)/2-1$
-391556673	G	$-9^8+(7^6)^5*4/-3^2*1$	-410312422	P	$-((9+8)^7-6)+(5^4*3)^2+1$
-391921208	G	$-9^*(8^7+6543)^2+1$	-410312430	G	$(-9-8)^7+(6^*(-5-4)^3)^2-1$

-410314066	P	$-(9+8)^7-6^*(5+4^{(3*2)})+1$	-410377554	G	$(-9-8)^7-6^5*(4+3-2)-1$
-410314126	P	$-(9+8)^7-6^*(5-4^{(3*2)})+1$	-410381442	G	$(-9-8)^7-6^5*(4+3/2)-1$
-410314674	P	$-(9+8)^7-6/((5*4)^{-3*2})-1$	-410384891	P	$-((9+8)^7-6)-(5*43)^2+1$
-410321176	G	$(-9-8)^7+6^5/4^3*2+1$	-410386662	P	$-(9+8)^7-6^*(5^4)^3+2-1$
-410321248	G	$(-9-8)^7+((6+5)^4*3)^2+1$	-410386686	P	$-(9+8)^7-6^*(5^4)^3+2-1$
-410322684	P	$-(9+8)^7-(6-(5*4)^3)^2+1$	-410400874	P	$-((9+8)^7+6^5*(4-3)^2)+1$
-410323036	P	$-(9+8)^7+(6^5+43)^2-1$	-410408658	P	$-(9+8)^7-6^5*(4+3+2)-1$
-410329421	P	$-(9+8)^7+6-5/-43^2-2+1$	-410458673	P	$-(9+8)^7-6^5*4^3*2*1$
-410329429	P	$-((9+8)^7+6)-5^*(-43^2-2)-1$	-410458674	P	$-(9+8)^7-6^5*4^3*2-1$
-410330754	P	$-(9+8)^7-(6^5-(4*3)^2)-1$	-410461553	P	$-(9+8)^7-6^5/4^3(3^*-2)*1$
-410331042	P	$-(9+8)^7-(6^5+(4*3)^2)-1$	-410461554	P	$-(9+8)^7-6^5/4^3(3^*-2)-1$
-410333043	P	$-((9+8)^7-6-5^4/3^2)-1$	-410494194	P	$-(9+8)^7-6^5*4^3(3+2)-1$
-410333055	P	$-(9+8)^7-6+5^4/3^2-2-1$	-410494934	G	$(-9-8)^7-(6+5^4(4+3))^2+1$
-410334677	P	$-(9+8)^7-(6-(5*4)^3)/2-1$	-410587378	P	$-(9+8)^7-(6^5-4)^3*2-1$
-410334680	P	$-((9+8)^7+6)+(5*4)^3/2-1$	-410600752	P	$-(9+8)^7+65-4^3(3^2*1)$
-410334870	P	$-(9+8)^7+6^*(5^4+3^2)-1$	-410600787	P	$-(9+8)^7+6^5*(4^3+2^2*1)$
-410334978	P	$-(9+8)^7-6^*(5^4-3^2)-1$	-410600816	P	$-(9+8)^7+6-5-4^3(3^2*1)$
-410335066	G	$(-9-8)^7+6+(5^4*3)^2+1$	-410600828	P	$-(9+8)^7-6-5-4^3(3^2*1)$
-410336173	G	$(-9-8)^7+6^5*4/(3/2^2*1)$	-410600847	P	$-(9+8)^7-6^5-4^3(3^2*1)$
-410336692	P	$-(9+8)^7+6^5*(4^3+2)+1$	-410600882	P	$-(9+8)^7-6-5-4^3(3^2*1)$
-410337072	P	$-(9+8)^7+(6^5*4/3)^2+1$	-410653612	P	$-((9+8)^7+6^5*(4+3)^2)+1$
-410337780	P	$-(9+8)^7-6^*(5+(4*3)^2)-1$	-410699846	G	$-9^8-7^6*5^4*(3+2^2*1)$
-410337844	P	$-(9+8)^7+6^*(5+4^3)^2+1$	-410807434	G	$(-9-8)^7-6^*(5^4(4+3)+2)+1$
-410337964	P	$-(9+8)^7-6^*(5-4^3)^2+1$	-410820786	P	$-(9+8)^7-6^5*(4^3-2)-1$
-410338148	P	$-(9+8)^7+(6^5*4+3)^2-1$	-410851890	P	$-(9+8)^7-6^5*(4^3+2)-1$
-410338219	G	$(-9-8)^7-6^5*(-4-3)^2+1$	-410953984	P	$-(9/8)^7*(6^5*43)^2-1$
-410339044	G	$(-9-8)^7-6^*(5^4*3+2)+1$	-411458418	P	$-(9+8)^7-6^5*(4^3)^2-1$
-410339145	P	$-(9+8)^7-(6+5)^4*3+2-1$	-411927616	P	$-((-9-8-7^6)^4)^2*1$
-410339500	P	$-(9+8)^7-6^*(5+4^3)^2+1$	-411993985	G	$-9^8-(7^6(6-5^4)^3)^2*1$
-410339568	P	$-(9+8)^7-6^*(5+(4*3)^2)-1$	-411993986	G	$-9^8-(7^6(6-5^4)^3)^2-1$
-410339618	P	$-(9+8)^7+(-6-5)^4*3+2+1$	-412066672	P	$-(9+8)^7+(6^5*4)^3+2-1$
-410339893	G	$(-9-8)^7+6-(5^4(-4-3))^2-1$	-412066676	P	$-(9+8)^7+(6^5*4)^3-2-1$
-410339928	G	$(-9-8)^7+(-6-5^4+3)^2+1$	-413538668	P	$-(9+8)^7+6-(5^4)^3(3+2)-1$
-410339940	G	$(-9-8)^7-(6+(5^4+3))^2+1$	-413593569	P	$-(9^8-7^6*5^4+3)^2*1$
-410340353	P	$-((9+8)^7+((6+5)^4-3)^2)+1$	-413794674	P	$-(9+8)^7+(6^5*4)^3*2-1$
-410340652	P	$-(9+8)^7-6^5*(4^3+2)+1$	-413854293	P	$-(9+8)^7+6-(5^4*3)^2-1$
-410341014	P	$-(9+8)^7-6^5*(4+32)-1$	-414570321	P	$-(9^8*7^6(6+5^4)+3)^2*1$
-410341173	G	$(-9-8)^7-6^5*4/(3/2^2*1)$	-415234281	G	$((-9-8)^7)^6+5-4^3(32+1)$
-410342266	G	$(-9-8)^7+6-(5^4*3)^2+1$	-415237887	G	$-9+(8^7*6+54)^*(-32-1)$
-410342370	P	$-(9+8)^7-6^*(5^4-3^2)-1$	-415548225	P	$-(9^8*(-87^6+5^4-3))^2*1$
-410342452	G	$(-9-8)^7-6^*(5^4+3+2)+1$	-416118311	P	$-(9^8+7)^6+(-6^5(5+4))^3(3+2)-1$
-410342478	P	$-(9+8)^7-6^*(5^4+3^2)-1$	-416118738	P	$9^8((8-7)+6)+5^4(43^2+1)$
-410342530	P	$-(9+8)^7-(6^5-4^3)/2-1$	-416324602	P	$-(9-8)^7+7^6(-6^5-4^3)^2+1$
-410342594	P	$-(9+8)^7-(6^5+4^3)/2-1$	-416324618	P	$-(9+8)^7+7^6(-6^5-4^3)^2+1$
-410342677	P	$-(9+8)^7-(6+(5^4)^3)/2-1$	-416324624	G	$-9-(8+7/((6^5-4^3)^{-2}-1))$
-410342680	P	$-((9+8)^7+6)-(5^4)^3/2-1$	-417605008	G	$-9+((-8+76)^5)^4/-32+1$
-410344293	P	$-((9+8)^7-6+5^4/3^2)-1$	-417909844	G	$-9^8-7^6*5^4*3^2*1$
-410344305	P	$-(9+8)^7-6-5^4/3^2-2-1$	-417909846	G	$(9^8+7^6*5^4*3)/(-2+1)$
-410346306	P	$-(9+8)^7-6^5+(4^3)^2-1$	-417909848	G	$-9^8-7^6*5^4*3^2*1$
-410346594	P	$-(9+8)^7-6^5-(4^3)^2-1$	-417998025	P	$-(9^8*(-76+5)^4+3)^2*1$
-410347919	P	$-((9+8)^7+6)-5^4(43^2-1)$	-418161568	P	$-(9-87-65)^4+32+1$
-410349911	P	$-(9+8)^7-6^*(5^4*3-2)*1$	-418161570	P	$-(9-87-65)^4+32-1$
-410349926	P	$-(9+8)^7-(6+5)^4*(4^3+2)-1$	-418161596	P	$-(9-87-65)^4+3+2*1$
-410349935	P	$-(9+8)^7-6^*(5^4*3+2)*1$	-418161597	P	$-(9-87-65)^4+3+2-1$
-410354140	P	$-(9+8)^7-(6^5-43)^2-1$	-418161605	P	$-(9-87-65)^4-3-2+1$
-410354212	P	$-(9+8)^7-(6^5-4-3)^2-1$	-418161608	P	$-((9-87-65)^4+3^2)-1$
-410354228	G	$((-9-8)^7-(6^5+(4-3))^2)-1$	-418161632	P	$-(9-87-65)^4-32+1$
-410354240	P	$-(9+8)^7-(6^5+(4+3))^2-1$	-418161634	P	$-(9-87-65)^4-32-1$
-410354250	P	$-(9+8)^7-(6^5+4^3)^2-1$	-418202993	G	$(-9-8)^7-6^5*4^3(3^2*1)$
-410354684	P	$-(9+8)^7-(6+(5^4)^3)^2+1$	-418381834	G	$-9-8^7*6^5(5+4+32)-1$
-410358114	G	$(-9-8)^7-6^5*(4-3/2)-1$	-418595031	P	$-(9-8)^7+7^6(-6^5+43)^2-1$
-410361173	G	$(-9-8)^7-6/(5^4-4/(3+2+1))$	-418595047	P	$-(9+8)^7+7^6(-6^5+43)^2-1$
-410362002	G	$(-9-8)^7-6^5*(4-(3-2))-1$	-419430399	P	$-((9-8+7)^6*5^4-3)^2+1$
-410362674	P	$-(9+8)^7-6/((5^4)^{-3*2})-1$	-419512324	P	$-(98^7*7^6*5+4-3))^2*1$
-410363218	P	$-(9+8)^7-6^*(5-4^3(3^2))+1$	-419717169	P	$-(((9-8-7)^6-65+4)^3)^2*1$
-410363278	P	$-(9+8)^7-6^*(5+4^3(3^2))+1$	-421070400	P	$-(9^8*7^6*5/4^3)^2*1$
-410364594	G	$(-9-8)^7-6^5*(4/3+2)-1$	-421957880	P	$-(9-8)^7+7^6(-6^5-4^3)^2-1$
-410364910	P	$-((9+8)^7-6)-(5^4*3)^2+1$	-421957890	P	$-(9+8)^7+7^6(-6^5-4^3)^2-1$
-410365672	P	$-(9+8)^7-(6^5)^4(4-(3-2))+1$	-421957896	P	$-(9+8)^7+7^6(-6^5-4^3)^2-1$
-410369394	P	$-(9+8)^7-6^5*4^3(3+2)-1$	-422501543	P	$-(9+8)^7+7^6(-6^5+4+3)^2+1$

-423154391	P	$-(9+8)+7*(-(6^5+4-3)^2+1$	-443944900	P	$-(98/(7-6)*5*43)^2*1$
-423263258	G	$-9-(8+7*6^(5+4)*3)^2-1$	-444596232	G	$-9-8^7*(6^5*(4+3)+2)+1$
-423372119	P	$-(9+8)+7*(-(6^5+4-3)^2+1$	-446857322	P	$-(9+(-8+7*6)^*(5^4-3))^2-1$
-423622046	P	$-9^8+(7+6)^5*(-4^4-(-3-2)-1)$	-447618650	P	$-(9+(-8+7*6)^*(5^4-3))^2-1$
-424025639	P	$-(9+8)+7*(-(6^5+4+3)^2+1$	-447999966	P	$-(9-8)^{-7*(-(6-(5*4)^(3*2))+1)}$
-424570616	P	$-(9-8)+7*(-(6^5+4*3)^2-1)$	-447999968	P	$-(9+8)^{-7*(-(6-(5*4)^(3*2))-1)}$
-424570626	P	$-(9+8)+7*(-(6^5+4*3)^2-1$	-447999976	P	$-(9+8)^{-7*(-(6-(5*4)^(3*2))-1}$
-424570632	P	$-(9+8)+7*(-(6^5+4*3)^2-1)$	-448000031	P	$-9^8-7*(-(6-(5*4)^(3*2))-1$
-424689664	P	$-((-9-8*-7*6-5)/4^-3)^2*1$	-448000050	P	$-(9-8)^{-7*(6+(5*4)^(3*2)+1)}$
-424995280	P	$-(9^8-7*6^(5+4))*(3^2-1)$	-448000052	P	$-(9+8)^{-7*(6+(5*4)^(3*2)-1)}$
-425288321	P	$-(9^8+7^6*(5+3)^2)+1$	-448000060	P	$-(9+8)^{-7*(6+(5*4)^(3*2))-1}$
-425288322	P	$-(9^8+7^6*(5+3)^2)*1$	-448000115	G	$-9^8-7*(6+(5*4)^(3*2))-1$
-425405971	P	$-9^8+7^6*(-(5+3)^2-1)$	-448007391	G	$(9+8)^7*(6+5-4)^{-32+1}$
-425835947	G	$-9^8-(7*6^5*4^3)^2-1$	-449567210	P	$-((9^8*7^6-6-5)*(4+3))^2-1$
-427046727	P	$-(9^8+7)^{-6*(5*4)^(3*2)+1}$	-450888980	G	$-9+(-8^7-6)^5*4^3-2+1$
-427378033	G	$-(9+8)^7-65^4*(3^2*1)$	-451477504	P	$-((-9-8*-7*6+5)*4^3)^2*1$
-427672953	G	$9^8*7-(6^5)^(4+3-2+1)$	-452465241	P	$-(9^8)^{-7*6*((5-4^3)^(2)-1)}$
-427729544	G	$-9-8*(7+6)^5*(4*3)^2+1$	-453202971	G	$-9^8-7*(6^5*(4+3^2)*1)$
-427957335	P	$-(9-8)+7*(-(6^5+4+3)^2-1)$	-453202978	G	$-9^8-7*(6^5*(4+3^2)+1)$
-427957351	P	$-(9+8)+7*(-(6^5+4+3)^2-1)$	-453496330	G	$-9+(-8-7)^6*(5+4)^3-2+1$
-428414862	P	$-((9-8*(7-65^4))^3+2)-1$	-454371887	P	$-((9*(8+7)+6+5)^4+32)+1$
-428414953	G	$-9^8*(7-65^4*3)^*(2-1)$	-454371889	P	$-((9*(8+7)+6+5)^4+32)-1$
-428415049	G	$9-8*(7+65^4*3)^{-2*1}$	-455523649	P	$-((9+8*7^6*5)*(4+3))^2*1$
-428415065	G	$-9-8*(7+65^4*3)^*(2-1)$	-456292320	P	$-(9+(-8+7*6)^*(5^4+3))^2+1$
-428415081	G	$-9-8*(7+65^4*3+2*1)$	-456855562	P	$(9+8)^*(-(7+65)^4-3^2-1$
-429152656	P	$-(9/(8*(7-6^5)+4)/3)^{-2*1}$	-457067880	P	$-(9-8^7)^{-6*(5+4)^(3+2)+1}$
-429538672	P	$-(9+8)^7-6/(5^4)^(3-2)+1$	-457419231	G	$(9-8^7*6^5*4)^3*(2^2*1)$
-429857289	P	$-(9^8*(-(7-65)^4+3))^2*1$	-457419285	G	$-9*(8^7*6^5*4-3^2-1)$
-429981633	G	$9*((8-((7+65)^4)^3*2)-1)$	-457419304	G	$9-8^7*6^5*4^3*2-1$
-429981738	G	$-9-((8*(7-6-5))^4+32)-1$	-457419339	G	$-9*(8^7*6^5*4+3^2-1)$
-430000001	P	$-(9+8-7)^6*5^4*3^2-1$	-457419393	P	$-(9+8^7*6^5*4)^3*(2^2*1)$
-430007044	P	$-(9+8)*(7^6*5^4*3-2-1)$	-457419409	G	$-98+(7*6)^5*(4-3)/2+1$
-430007078	P	$-(9+8)*(7^6*5^4*3-2+1)$	-458066430	G	$-9-((8^7+6)^5+4^3)/2+1$
-430007112	P	$-(9+8)*(7^6*5^4*3+2-1)$	-458318087	G	$(98+76)^(5-(4-3))/-2+1$
-430007146	P	$-(9+8)*(7^6*5^4*3+2+1)$	-458318089	G	$(98+76)^(5-(4-3))/-2-1$
-430259194	P	$-(9+8)+7*(-(6^5+4^3)^2+1)$	-459165266	P	$9^8-((-8-7)/6)^{-54*(3+2)+1}$
-430259210	P	$-(9+8)+7*(-(6^5+4^3)^2+1)$	-459166012	G	$-987+(-6*(5+4)^(3+2))-1$
-430259216	G	$-9-(8+7/(6^5+4^3))^2-1$	-459371328	P	$-9^8+7*(-(6^5-4^3)^2+1$
-430313536	P	$-(9/8/((-7-6^5+4)^3))^2-1$	-459371336	P	$-9^8+7*(-(6^5-4^3)^2-1)$
-430467320	P	$(9^8+7^6*(6-5)+4)^*(3^2+1)$	-460165025	P	$-(9+8-7)^6-54*(3+2)-1$
-430494060	P	$-(9+8)^7-(6^5(5+4)-3)^2-1$	-460727154	P	$-(9+8)^7-6^5(5+4)^*(3+2)-1$
-430635280	P	$-(9^8+7^6*(6-5+4))^*(3^2+1)$	-461184090	P	$-(9+(87+6+5)^4*(3+2))-1$
-431432424	G	$(-9-8)^7-6*(5^4*3)^2-1$	-461262184	P	$-(9+8^7)^{-6*(5+4)^(3+2)+1}$
-431998587	P	$(9+8)*(-76-5)^4-3^2-1$	-461641745	P	$-(9^8+7*(6^5-4^3))^2-1$
-432006984	G	$-9^8*(7^6*(5-4)-2*1)$	-461832192	P	$(9+8+7)^6*(5/(4*3)+2)*1$
-432007272	G	$-9^8*(7^6*(5-4)+2*1)$	-463890546	G	$(-9-8)^7-65^4*3+2*1$
-432008720	P	$-(9^8+(7*6^5)^4/(3+2))+1$	-463890550	G	$(-9-8)^7-65^4*3-2*1$
-432008721	P	$-(9^8+(7*6^5)^4/(3+2))*1$	-465004594	P	$-9^8+7*(-(6^5+4^3)^2-1$
-434638672	P	$-(9+8)^7-(6^5)^(4+3-2)+1$	-465004600	P	$-9^8+7*(-(6^5+4^3)^2-1)$
-434847608	P	$-(9*(8^7*6-5)^*(4+3))^2+1$	-465006096	P	$-(9*(8-((7/(6-5))^4+3)))^2*1$
-434931025	P	$-((-98+7-6)^5*4^3)^2*1$	-465500010	G	$-9+((8+7)^6-5^4*(4^3))^2-1$
-436207624	P	$-9-8^7*(6^5*(4+3)+2)+1$	-465548241	P	$-9^8+7*(-(6^5+4+3)^2+1)$
-437473410	G	$-9-8^7*(6^5*4^3)^2-1$	-465782723	P	$-((9*((8-((7-6)^5))^4-3))^2)+1$
-438124680	G	$98*(7^6*(5-4)^2+1)$	-466201089	P	$-9^8+7*(-(6^5+4-3)^2+1)$
-438124875	G	$98*7^6*(5-4)^2-1$	-466309953	G	$-9^8-7*6^5(5+4)^*(3+2+1)$
-438124877	G	$98*7^6*(5-4)^2+1$	-466418817	P	$-9^8+7*(-(6^5+4-3)^2+1)$
-438125072	G	$98*(7^6*(5-4)^2-1)$	-466819235	P	$-(9*(8-(7-6)^5)^4-3)^2+1$
-438702640	P	$-(9^8+7^6*(6+5-4))^*(3^2+1)$	-466819236	P	$-(9*(8-(7-6)^5)^4-3)^2*1$
-438976008	G	$-9-(8^7*6^5/4)^3+2-1$	-467072337	P	$-9^8+7*(-(6^5+4+3)^2+1)$
-438976010	G	$-9-8*(76^5)^(4-3+2)-1$	-467617330	P	$-9^8+7*(-(6^5+4^3)^2-1$
-439230001	G	$((-98+76)^5)^4*3-2+1$	-467617336	P	$-9^8+7*(-(6^5-4^3)^2-1)$
-439230003	G	$((-98+76)^5)^4*3-2-1$	-467664904	P	$-9-8^7*(6+5^4+2)+1$
-439357295	G	$-9^8+(-7^6+5^4)^3*(-2*1)$	-468750014	G	$-(9+((8^7-6)^5+4)^3/2)+1$
-439950625	P	$-(9-8*(7^6*5+4)-3)^2*1$	-469805649	P	$9^8-((8+7*(6+5))^4+3)+2+1$
-440401930	G	$-9-(8^7*6^5-5*(-4-3)+2)+1$	-470159024	G	$-9+(8^7+(6-5^4)^3)^2-1$
-441082897	G	$(9^8*(7^6-6)^5+4)^3-2+1$	-470628010	G	$-9+(-8-7^6)^5*(5^4)^3/2-1$
-441153750	P	$9*(-(8+7^6)^5*4/3^2-1)$	-471004049	P	$-(9^8+7*(6^5+4^3))^2-1$
-441183776	G	$-9+(-8-7^6*5^4*3)^2-1$	-471004055	P	$-9^8+7*(-(6^5+4^3)^2-1)$
-441213750	G	$9*(-(8-7^6)^5*4/3^2*1)$	-472451049	P	$9^8*(-(8-7+6)^*(-(5^4)^3-2+1)$
-442050615	P	$-(98+7^6+5)^4+3^2+1$			

-472569147	P	$9^{\wedge}(-(-8-7)+6)*((-5*4)^{\wedge}3-2-1)$	-495772669	G	$(-98*7^{\wedge}6+5)*43+2*1$
-473027479	P	$98^{\wedge}(-(7+6)^{\wedge}-(-5-(4-3))-2)-1$	-495773099	G	$(-98*7^{\wedge}6-5)*43+2*1$
-473305920	P	$-9^{\wedge}8+7*(-(6^{\wedge}5+4^{\wedge}3))^{\wedge}2+1$	-497803331	P	$-(9^{\wedge}8+(765+4)^{\wedge}3+2)+1$
-473305928	P	$-9^{\wedge}8+7*(-(6^{\wedge}5+4^{\wedge}3))^{\wedge}2-1$	-497803333	P	$-(9^{\wedge}8+(765+4)^{\wedge}3+2)-1$
-473497600	P	$-((-9-8*7*6+5)*4^{\wedge}3)^{\wedge}2*1$	-498284888	G	$-9+(8^{\wedge}7-(6+5^{\wedge}4)^{\wedge}3)*2-1$
-474353152	G	$-9+(87+(6-5^{\wedge}4)^{\wedge}3)^{\wedge}2+1$	-499656609	P	$-(987-(6^{\wedge}5+4)^{\wedge}3)^{\wedge}2*1$
-474353358	P	$-(9+(8+7-(6-5^{\wedge}4)^{\wedge}3)^{\wedge}2)-1$	-499969600	P	$-((-9+8-7)*65*43)^{\wedge}2*1$
-474353377	G	$-9*8+(7+(6-5^{\wedge}4)^{\wedge}3)^{\wedge}2-1$	-500094017	P	$-(9-((8-7)-6-5^{\wedge}4)^{\wedge}3)^{\wedge}2+1$
-474353401	G	$-98+(7+(6-5^{\wedge}4)^{\wedge}3)^{\wedge}2+1$	-501401663	P	$-(9*8*(-7*(-6-5)^{\wedge}4+3))^{\wedge}2+1$
-474353440	G	$-9+(-8*7+(6-5^{\wedge}4)^{\wedge}3)^{\wedge}2-1$	-501488577	G	$-9^{\wedge}8+(7+6-5^{\wedge}4)^{\wedge}3*(2*1)$
-475763343	P	$-((9+(8-(7+6))^{\wedge}5)*(4+3))^{\wedge}2+1$	-502211668	G	$-9^{\wedge}8+76-54^{\wedge}(3+2)+1$
-475937856	P	$-9*8*(7+(6-5^{\wedge}4)^{\wedge}3)^{\wedge}2*1$	-502211753	P	$-(9^{\wedge}8+7)-(6*(5+4))^{\wedge}(3+2)-1$
-476171162	G	$-9+(-8-7/(6*54)^{\wedge}-3)^{\wedge}2-1$	-502211786	P	$-(9^{\wedge}8+7*6)-54^{\wedge}(3+2)+1$
-476171227	G	$-98-7*((6*54)^{\wedge}3*2-1)$	-502211788	P	$-(9^{\wedge}8+7*6)-54^{\wedge}(3+2)-1$
-477528625	P	$-9+8*(-((7-6^{\wedge}5+43)^{\wedge}2+1))$	-502211820	P	$-(9^{\wedge}8+76)-54^{\wedge}(3+2)+1$
-478394266	G	$-9+8*(7+(6-5^{\wedge}4)^{\wedge}3)^{\wedge}2-1$	-502211822	P	$-(9^{\wedge}8+76)-54^{\wedge}(3+2)-1$
-478394378	P	$-(9+8*(7+(6^{\wedge}5-43)^{\wedge}2))-1$	-502479016	G	$-9+(87-(6+5^{\wedge}4)^{\wedge}3)^{\wedge}2+1$
-478909456	P	$-(9+(8-(7+6))^{\wedge}5*(4+3))^{\wedge}2*1$	-502479222	P	$-(9+(8+7+(6+5^{\wedge}4)^{\wedge}3)^{\wedge}2)-1$
-479040769	P	$-(9+8*(7+(6-5^{\wedge}4)^{\wedge}3))^{\wedge}2*1$	-502479241	G	$-9*8+(7-(6+5^{\wedge}4)^{\wedge}3)^{\wedge}2-1$
-479260801	G	$-9-8*((7+6^{\wedge}5-43)^{\wedge}2-1)$	-502479265	G	$-98-(7-(6+5^{\wedge}4)^{\wedge}3)^{\wedge}2+1$
-481275843	P	$-((9-(8-(7+6))^{\wedge}5)*(4+3))^{\wedge}2+1$	-503316484	G	$-9+(8^{\wedge}7*6*5*-4+3)^{\wedge}2-1$
-481869824	P	$((-9+8)*7^{\wedge}6+5)*(-4^{\wedge}(3*2)*1)$	-503316847	P	$-((-9-8^{\wedge}7*6)*5*-4+3)^{\wedge}2-1$
-481878025	P	$-(9+(-8+7^{\wedge}6+5)/4^{\wedge}(3*2))^{\wedge}1$	-503318647	P	$-((-9-8^{\wedge}7)*6*5*-4+3)^{\wedge}2-1$
-481915392	G	$(9^{\wedge}8+7^{\wedge}6+5)/-4^{\wedge}(3*-2)*1$	-505440323	P	$-((-9+8+7)*(-6*5^{\wedge}4+3))^{\wedge}2+1$
-481966822	G	$9*(8-((-7-6)*5)^{\wedge}4*3-2)-1$	-506250005	P	$-(((9*8-7*6)*5)^{\wedge}4+3*2)+1$
-481966993	P	$-(-9*(8+(-7-65^{\wedge}4)^{\wedge}3)+2)+1$	-509870088	G	$-9-8*7*(6^{\wedge}5+4)/32+1$
-482205696	P	$(9*8+7^{\wedge}6+5)*(-4^{\wedge}(3*2)*1)$	-511067263	G	$-9-8*7^{\wedge}6*543+2*1$
-482241599	P	$-(9*8*(7*(-6-5)^{\wedge}4+3))^{\wedge}2+1$	-511121664	P	$-(9-8*7^{\wedge}6*5*4+3)^{\wedge}2*1$
-482831352	G	$-9*8*(7^{\wedge}6*(5+3)-2*1)$	-511999904	P	$-9-8*(-7-(-6+(5*4)^{\wedge}(3*2))))+1$
-482831499	G	$9*8/(7^{\wedge}-6/(-54-3))-2+1$	-512000016	G	$-9-8*(7-6+(5*4)^{\wedge}(3*2))+1$
-482831640	G	$-9*8*(7^{\wedge}6*(5+3)+2*1)$	-512000112	G	$-9-8*(7-(-6-(5*4)^{\wedge}(3*2)))+1$
-483729474	G	$-9-8*(7+6^{\wedge}(5-(4-3^{\wedge}2)))-1$	-512578230	G	$-9*((8+7)^{\wedge}6*5+4*3)+2+1$
-483757803	P	$-(9^{\wedge}8+(765-4)^{\wedge}3+2)+1$	-512578232	G	$-9*((8+7)^{\wedge}6*5+4*3)+2-1$
-483757805	P	$-(9^{\wedge}8+(765-4)^{\wedge}3+2)-1$	-512578450	G	$9*((8+7)^{\wedge}6*-5-(4+32))-1$
-484086942	P	$-(9+(-8^{\wedge}7-6+5^{\wedge}(4*3))^{\wedge}2)+1$	-512578558	G	$-9/(8+7)^{\wedge}-6*5-432-1$
-484086968	P	$-(9+(-8^{\wedge}7+6+5^{\wedge}(4*3))^{\wedge}2)-1$	-513113104	P	$-(9-(87*-6-5)*-43)^{\wedge}2*1$
-484230471	G	$-9^{\wedge}8-7^{\wedge}6*5^{\wedge}4*(3+2+1)$	-513928900	P	$-(9+(87*-6-5)*-43)^{\wedge}2*1$
-484725265	G	$-9-8*((7+6^{\wedge}5+(4-3))^{\wedge}2+1)$	-516559482	P	$-((9^{\wedge}8-7)*6-543)^{\wedge}2*1$
-485276841	P	$-((9+8)*(-7-6+5)^{\wedge}4+3)^{\wedge}2*1$	-516559650	P	$-((9^{\wedge}8+7)*6-543)^{\wedge}2*1$
-485541225	P	$-(9+8*(7-6+5)^{\wedge}4+3)^{\wedge}2*1$	-516561654	P	$-((9^{\wedge}8-7)*6+543)^{\wedge}2*1$
-485805681	P	$-(9*(-8*76+5)*4+3)^{\wedge}2*1$	-516561822	P	$-((9^{\wedge}8+7)*6+543)^{\wedge}2*1$
-486202517	G	$-9-8*((7*6*5)^{\wedge}4/32+1)$	-517062121	P	$-(98*(-7+65)*4+3)^{\wedge}2*1$
-486864225	P	$-(9*(8*-76-5)*4+3)^{\wedge}2*1$	-517400026	G	$-9^{\wedge}8+(7+(6-5^{\wedge}4)^{\wedge}3)^{\wedge}2-1$
-487129041	P	$-(9*(-8*76-5)*4+3)^{\wedge}2*1$	-517400032	G	$-9^{\wedge}8+7+(6-5^{\wedge}4)^{\wedge}3*(2*1)$
-487658889	P	$-((9+8)*((7-(6-5)^{\wedge}4+3))^{\wedge}2*1)$	-517400046	P	$-(9^{\wedge}8+7)+(6-5^{\wedge}4)^{\wedge}3*(2*1)$
-487862837	G	$(-9-8)*(76+5)^{\wedge}4/3*2+1$	-517400053	G	$-9^{\wedge}8-(7-(6-5^{\wedge}4)^{\wedge}3)^{\wedge}2*1$
-488280757	G	$9*8*7+(-6-5^{\wedge}(4*3))^{\wedge}2+1$	-517400054	G	$-9^{\wedge}8-(7-(6-5^{\wedge}4)^{\wedge}3)^{\wedge}2-1$
-488281090	P	$-(9+(-8-76+5^{\wedge}(4*3))^{\wedge}2)+1$	-517442423	P	$-(9+8)^{\wedge}7-65^{\wedge}4*3*2*1$
-488281201	G	$(-9-(8-7*6+5^{\wedge}(4*3)))^{\wedge}2-1$	-517653504	P	$-(9*8*(76*5-4*3))^{\wedge}2*1$
-488281321	G	$-9*8+((-7+6)*5^{\wedge}4)^{\wedge}3*2+1$	-517668047	G	$-9-8*7*(65^{\wedge}4/3-2+1)$
-488281371	G	$((-9-8+7)*-6+5^{\wedge}(4*3))^{\wedge}2-1$	-518832053	G	$(98*7^{\wedge}6*-5+4)*3^{\wedge}2+1$
-488281537	P	$-((-9-8-7)*-6+5^{\wedge}(4*3))^{\wedge}2+1$	-518832054	G	$(98*7^{\wedge}6*-5+4)*3^{\wedge}2*1$
-488281930	G	$-9+(8*7*-6-5^{\wedge}(4*3))^{\wedge}2+1$	-518832126	G	$(98*7^{\wedge}6*5+4)*-3^{\wedge}2*1$
-488281947	G	$-98*7+(-6-5^{\wedge}(4*3))^{\wedge}2+1$	-518832127	G	$(98*7^{\wedge}6*5+4)*-3^{\wedge}2-1$
-488282044	G	$-9*8+(-6-5^{\wedge}(4*3))^{\wedge}2+1$	-519217850	G	$-9^{\wedge}8-7*((6*54)^{\wedge}3*2-1)$
-489796668	P	$-(9-(-8+7)^{\wedge}6+5)*43-2-1$	-519217857	G	$-9^{\wedge}8+7*(6*-54)^{\wedge}3*2*1$
-489797044	P	$(-9+(8+7)^{\wedge}6+5)*43+2+1$	-519338521	P	$-(9+8-7*6*543)^{\wedge}2*1$
-489797046	P	$(-9+(8+7)^{\wedge}6+5)*43+2-1$	-519388136	G	$-9+(8-(7+6+5^{\wedge}4)^{\wedge}3)^{\wedge}2+1$
-490374974	G	$-9^{\wedge}8-7*(6+(-5*4)^{\wedge}3)^{\wedge}2-1$	-520113618	P	$-(-9-8)-(7*6*543)^{\wedge}2+1$
-490374980	P	$-9^{\wedge}8+7*(-(6+(-5*4)^{\wedge}3)^{\wedge}2-1)$	-520289283	G	$(9-87/6*5)^{\wedge}4*-32-1$
-491046679	P	$-(9^{\wedge}8-7*(6-(5*4)^{\wedge}(3*2)))^{\wedge}1$	-520798041	P	$-(9*8*(7-6*54)+3)^{\wedge}2*1$
-491046686	P	$-9^{\wedge}8-7*(-(6-(5*4)^{\wedge}(3*2))+1)$	-522764526	G	$(98-(7*6)^{\wedge}5)*4+3^{\wedge}2+1$
-491046770	G	$-9^{\wedge}8-7*(6+(5*4)^{\wedge}(3*2)+1)$	-522764764	P	$-9-8*(-(7*-6)^{\wedge}5+43)/2+1$
-491287681	G	$(9^{\wedge}8+7)*-6^{\wedge}(5+4+3-2)-1$	-522765108	G	$-9-8*((7*6)^{\wedge}5+43)/2+1$
-491718974	G	$-9^{\wedge}8-7*(6-(-5*4)^{\wedge}3)^{\wedge}2-1$	-522765289	P	$-((98-(7*-6)^{\wedge}5)*4-32)-1$
-491718980	P	$-9^{\wedge}8+7*(-(6-(-5*4)^{\wedge}3)^{\wedge}2-1)$	-524913921	P	$-((-9-(8-7654)^{\wedge}3)^{\wedge}2*1)$
-492475552	P	$-(9-(-8^{\wedge}7+6-5^{\wedge}(4*3))^{\wedge}2)-1$	-524937024	P	$-(9^{\wedge}8+(7/(6-5)^{\wedge}4)^{\wedge}(3*2))+1$
-492884405	P	$-(((9+8)*7+6*5)^{\wedge}4+3+2)+1$	-527253373	P	$-(-9*8+(7654*3)^{\wedge}2)-1$
-493817284	P	$-(9+(8*7*6-5)*-43)^{\wedge}2*1$	-528987969	G	$-9^{\wedge}8+(7-(6+5^{\wedge}4)^{\wedge}3)^{\wedge}2*1$
-494617600	P	$-(9-(8*7*6-5)*-43)^{\wedge}2*1$	-529046001	P	$-((-98-7-(6+5^{\wedge}4)^{\wedge}3)^{\wedge}2*1)$

-530288784	P	$-((-9-87-(-6^5+4))^3)^{2*1}$	-555745290	P	$-(9+8^7*(65^4+(3+2)))^{-1}$
-530841601	P	$-((-9+87-6)^5*4^3)^{2-1}$	-556676836	P	$-((-9+8-7^6)/5-4^3)^{2*1}$
-530979849	P	$-((-98+7-(-6^5+4))^3)^{2*1}$	-557573769	P	$-((-98+7-(-6^5+4))^3)^{2*1}$
-531327818	G	$-9^8-(-7+6^5(4^3))^2+1$	-557715456	P	$-(9^8*(-7-6^5+3))^2*1$
-531327944	G	$-9^8-(-7-(6-5^4(4^3)))^2+1$	-558282384	P	$-((-9-87-(6^5+4))^3)^{2*1}$
-531327968	G	$-9^8-(-7+6+5^4(4^3))^2+1$	-559450961	G	$(9^8*7-65^4)^3)^2+1$
-531327996	G	$-9^8+(-7-(6+5^4(4^3)))^2+1$	-559451155	G	$(98^7-65^4)^3)^2+1$
-531328122	G	$-9^8+(-7-6-5^4(4^3))^2+1$	-559452496	G	$9+8-(-7+65^4)^3)^2+1$
-532778724	P	$-((-9+87-6^5+4)^3)^{2*1}$	-559452558	G	$-9-8-(7+65^4)^3)^2+1$
-533887236	P	$-((-9+87-(6^5+4))^3)^{2*1}$	-559607404	G	$9^8*(7-6)^5(5-4)-32+1$
-536870775	G	$9-(8^7(7+6-5)-4)^3(32^*1)$	-562448672	G	$-9-(8^7*(7*(6+5))^4+3)^2-1$
-536871031	G	$9-(8^7(7+6-5)+4)^3(32^*1)$	-562448680	P	$(-9+8^7*(-7*(6+5))^4-3)^2^{*+1}$
-536871032	G	$9-(8^7(7+6-5)+4)^3(32-1)$	-562448687	P	$-(98/7*(6+5))^4-32+1$
-538750521	P	$-(98+7+(-6^5+4)^3)^{2*1}$	-562448689	P	$-(98/7*(6+5))^4-32-1$
-538968074	G	$-9-8^7*(65^4-3)-2+1$	-562448712	P	$-9+8^7*(-(7*(6+5))^4-3)^2+1$
-539168400	P	$-9+87+(-6^5+4)^3)^2+1$	-562780728	P	$-(98+7*(6+5+4)^3)^2+1$
-539865225	P	$-(98+7-(6^5+4)^3)^2+1$	-562780730	P	$-(98+7*(6+5+4)^3)^2-1$
-539958168	P	$-(9^8+7-(6^5-4)^3)^2+1$	-563160358	G	$-9^8-(7^6*5^4)^3)^2-1$
-541065008	P	$-(9-(8^7*6+5)^4)^2+1$	-563646840	G	$-9-(8^7+65^4)^3)^2+1$
-541065213	P	$9/8^7-7*(-(6^5-4/3)+2+1$	-564349201	P	$-9-8^7*(7*(6^5-(-5-4)-32)+1)$
-541074120	P	$-(9^8+7+(-6^5-4)^3)^2+1$	-564350482	G	$-9-8^7*(6^5(5+4)-3^2)^{-1}$
-543635867	G	$-9-(8-7+((6^5-4)^3)^2)^{-1}$	-564350641	G	$-9-8^7*(7*(6^5(5+4)-3^2)^{-1})$
-543635881	P	$-(9+8+7)-((6^5+4)^3)^2-1$	-564350784	P	$9-8^7*(-(7*(6^5-(-5-4)+3)+2)^{-1})$
-544755611	G	$-9-8+7-((6^5+4)^3)^2-1$	-564351026	G	$-9-8^7*(7^6(6^5(5+4)+3+2)^{-1})$
-544755625	P	$-(9+8+7)-((6^5+4)^3)^2-1$	-564351032	P	$-(9+8^7*(7^6(6^5(5+4)+3+2)+1)$
-545257184	G	$(9-8^7)^6*5^4-(3+2-1)$	-564351249	G	$-9-8^7*(7/6^5(-5-4)+3+2+1)$
-545261850	G	$-(9-8^7)^6*5^4+3^2+1$	-564351313	G	$-9-8^7*(7*(6^5(5+4)+3^2)^{-1})$
-545525890	G	$-9^8+(7-(6+5^4)^3)^2-1$	-564351490	G	$-9-8^7*(7*(6^5(5+4)+3^2)^{-1})$
-545525896	P	$-9^8+7+(6+5^4)^3)^2-1$	-564352778	G	$-9-8^7*(6^5(5+4)+32)^{-1}$
-545525918	G	$-9^8-(7+(6+5^4)^3)^2-1$	-564352785	G	$-9-8^7*(7*(6^5(5+4)+32)+1)$
-545733018	G	$-9-8^7-((-6^5+4)^3)^2-1$	-564680200	G	$-9*(8+76+5)^4-32+1$
-546331095	P	$-(9^8+(7-6+5^4)^3(3+2)+1$	-564680202	G	$-9*(8+76+5)^4-32-1$
-546331097	P	$-(9^8+(7-6+5^4)^3(3+2))-1$	-564736708	P	$9^*-8+(7+6)^5(-5+4^3)^{-2}-1$
-546875056	G	$(-98+7^6)^5(5^4(4^3-2)+1)$	-564736742	P	$9^*-8+(7+6)^5(-5+4^3)^2+1$
-547118213	G	$((-9-8)^7+6+5)^4/3+2+1$	-565811616	P	$-(9^8+(7^6)^5*4-32)+1$
-547118229	G	$(9+8)^7(7+6-5)^4/3+2+1$	-568107225	P	$-(9^8*(7+6^5+4)^3)^2*1$
-547326024	P	$-(9^8+7+(6^5-4)^3)^2+1$	-569122857	G	$-9+8^7-65^4*32^*1$
-547359291	G	$-9-87*6^5(5+4)^3(3^2+1)$	-570300165	G	$-9^8-(765^4)^3)^2*1$
-547981272	P	$-(9^8+76+5)^4+3^2(2^*1)$	-570994297	P	$-(9+8)^7-65^4*3^2+1$
-548449560	P	$-(9^8+7-(-6^5-4)^3)^2+1$	-571218216	P	$-(9-(8^7-65^4)^3)^2+1$
-548543241	P	$-(98+7-(-6^5+4)^3)^2+1$	-571219752	G	$-9+(8-((-7-6)^5)^4)^3+1$
-549026757	P	$-(9^8+(7/(6-5^4)^3))^2*1$	-571219922	G	9^8+7-65^4*32-1
-549246096	P	$-(9+87+(6^5+4)^3)^2+1$	-571219953	G	$-9+8^7-65^4*32^*1$
-549668025	P	$-(98+7+(6^5+4)^3)^2+1$	-571219978	G	$-9+(8-7-65^4)^3)^2-1$
-550151797	P	$-(9^8+(76^5+4)/(3+2))^*1$	-571220002	G	$(9+87)^5-65^4/3-2^*1$
-550230850	P	$9^8(8-7)^5-(6^5+4)^3)^2-1$	-571220008	G	$-9+8-7-65^4*(32^*1)$
-550653156	P	$-((-9+8-7^6)/5+4^3)^2*1$	-571220010	G	$-9-8+7-65^4*32^*1$
-551290402	P	$-9^8+(7^6)^5*(4-3^2)^{-1}$	-571220014	G	$-98/7-65^4*32^*1$
-551639169	P	$-((-9+8-7^6)/5+4^3)^2*1$	-571220065	G	$9^*-8+7-65^4*32^*1$
-553096324	P	$-((-9+8-7^6)/5+4^3)^2*1$	-571220079	G	$9-87-65^4*32-1$
-553366687	P	$-9+(-87+65^4)^3-(32-1)$	-571220091	G	$-98+7-65^4*32^*1$
-553369256	P	$-98+(-7+65^4)^3-(32-1)$	-571220105	G	$-98-7-65^4*32^*1$
-553420700	G	$-98*(7^6*(5+4)^3)^2+1$	-571220504	G	$9^8*7-65^4*32^*1$
-553421092	G	$-98*(7^6*(5+4)^3)^2+1$	-571220686	G	$98^*-7-65^4*32^*1$
-553613841	P	$-((-9^8*(-876+5)+4)^3)^2*1$	-571220783	G	$9^*-87-65^4*32^*1$
-553990369	P	$-((-9+8-7^6)/5+4+3)^2*1$	-571220987	G	$-987-65^4*32^*1$
-554319936	P	$-(9^8*(-8-7^6*5)^4*3)^2*1$	-573317161	G	$-9-8^7-65^4*32^*1$
-554602500	P	$-((-9+87-(-6^5+4))^3)^2*1$	-576000083	G	$-9*(8^7/6+(5^4)^3)^2+1$
-555659968	P	$98^7/(-6^5)^4+32^*1$	-578739250	G	$-9^8-7/(6^5*4^3(-3-2))-1$
-555659990	P	$98^7*(-6^5)^4+3^2+1$	-580332898	P	$9^8+7(7^6)^5*(-(4+3^2))-1$
-555659991	P	$98^7*(-6^5)^4+3^2+1$	-581130712	G	$(9^8(87/6-5)-43)/(-2^*1)$
-555659994	P	$98^7*(-6^5)^4+3+2+1$	-581633331	P	$-(9-8^7-(-7+6)+5)^4*3-2-1$
-555659995	P	$98^7*(-6^5)^4+3+2+1$	-582498696	P	$-(9^8*7-6^5(5+4)-3)^2(2^*1)$
-555660001	P	$-(98^7*(6^5)^4+3)^2+1$	-584506290	P	$-9-87*(6^5-(-5-4)/3^2-1)$
-555660005	P	$-(98^7*(6^5)^4+3^2+1)$	-584615154	G	$-9-(8+7)*((6+5)^4(4+3)^2+1)$
-555660006	P	$-(98^7*(6^5)^4+3^2)^*1$	-584726766	G	$-9^8+(7-65^4)^3)^2+1$
-555660008	P	$98^7*(-6^5)^4-3^2+1$	-585703747	G	$-9^8-((7-6^5+4)^3)^2-1$
-555660009	P	$98^7*(-6^5)^4-3^2+1$	-586356203	G	$-9^8-(7+(-6^5+4)^3)^2-1$
-555686329	P	$-((-9+8-7^6)/5-4)^2*1$	-586608400	P	$-((98^7-7-6)^5*(-4-3))^2*1$
-555733476	P	$-((-9+87+6^5+4)^3)^2*1$	-586822483	G	$-9^8-((-7+6^5+4)^3)^2-1$

-587009051	G	$-9^8(-7-(-6^5+4)^3)^2-1$	-603801505	G	$-9^*(8^7+6-5^4)^3-1$
-587202551	G	$9-8^{(7+6-5)^*(4^3)^2-1}$	-603979713	G	$9^*((-8^7-(-6+5)/4)^3-1)$
-587475611	G	$-9^8(-7-(6^5+4)^3)^2-1$	-603979803	G	$-9^*(8^{(7+6-5)^4+3^2}-1)$
-587662291	G	$-9^8-((-7-6^5+4)^3)^2-1$	-603979839	P	$9^*(-(8^7+(6-5)/4)^3+1)$
-588009506	G	$-98^*(7^6*(54-3)-2^*1)$	-605468821	G	$-9-(8^7+6)^*(5^4(4+3^2)+1)$
-588009699	G	$98^*-7^6*(54-3)+2^*1$	-607129601	P	$-((-9+8-76)^5*4^3)^2-1$
-588009700	G	$98^*-7^6*(54-3)+2^*1$	-612500008	G	$-9-8^*(7^6*5^4/3)^2+1$
-588009704	G	$98^*-7^6*(54-3)-2^*1$	-613008081	P	$-(9-8^*(-7-65)^*-43)^2*1$
-588009705	G	$98^*-7^6*(54-3)-2-1$	-614266496	G	$-9^8(-7+65^4)^3+1$
-588009898	G	$-98^*(7^6*(54-3)+2^*1)$	-614266714	G	$-9^8+7-65^4*32^*1$
-588110577	G	$-9^*((8+(7^6)^5+4/3)/2-1)$	-614266720	G	$-9^8-((-7-6)^5)^4*32+1$
-588129131	G	$-9-8-(7+(6^5+4)^3)^2-1$	-614266728	G	$-9^8-7-65^4*32^*1$
-588239365	P	$-((-9+8^7/6)/5^4-3^2)+1$	-614266944	G	$-9^8+(-7-65^4)^3+1$
-588244752	P	$-9-8^*(7^6*5^4+32)+1$	-614891209	P	$-(-98^*(7-65^4)+3)^2*1$
-588244918	G	$9-8^*(7^6*5^4-3^2)+1$	-617003646	G	$(9^8(8-(7-6))+5)^*(-4^3*2-1)$
-588244920	G	$9-8^*(7^6*5^4-3^2)-1$	-617831562	G	$9+(8-76^*(5+4))^3*2-1$
-588244936	G	$-9-8^*(7^6*5^4-3^2)+1$	-622597626	G	$-98^*(7^6*5^4-3^2(2^*1))$
-588244938	G	$-9-8^*(7^6*5^4-3^2)-1$	-622597920	G	$-98^*(7^6*5^4-3^2*1)$
-588244964	P	$9+8^*(7^6*5^4-3)+2^*1$	-622598476	G	$98^*-7^6*5^4+32^*1$
-588245019	G	$-9-8/7^6-6^5+4-3^2-1$	-622598540	G	$98^*-7^6*5^4+32^*1$
-588245030	G	$9+8^*(7^6*5^4-3-2)+1$	-622599096	G	$-98^*(7^6*5^4+3+2+1)$
-588245072	G	$-9^8-7^6*5^4*(3^2-1)$	-622599390	G	$-98^*(7^6*5^4+3^2(2^*1))$
-588245264	G	$-9-8^*(7^6*5^4+32)+1$	-622809480	P	$-(9^8*7+6^5(5+4)-3)^*(2^*1)$
-588250592	G	$(-9-8^7/6)^5+4+32+1$	-622809492	P	$-(9^8*7+6^5(5+4)+3)^*(2^*1)$
-588783043	G	$-9^8-((-7-(6^5+4)^3)^2-1)$	-622918296	P	$(9^8*7+6^5/4)^*(-32+1)$
-590094368	G	$9^*-8^7-65^4*32^*1$	-624850008	P	$-((9+(8-7)^6)^5/4-3)^2+1$
-591396874	G	$-9-8^7*(-6-(-5-4)^3)-1$	-625000024	G	$-9-((8+7^6)^5+4+3)^2-1$
-591462418	P	$-(9+8)-(76^5*4^3)^2-1$	-625000031	G	$(9+(8+7^6)^5+4+3)^2-1$
-591511042	P	$-(9-8-76^*-5^4*3)^2-1$	-626200576	P	$-((-9-8)^*(7-6^5)^4*3)^2*1$
-591656976	P	$-((-9-(8+(-7-6)^5*4))^3)^2*1$	-629145610	G	$-9-8^7*6^*(5+4+3)-1$
-591802929	P	$-(987+(6^5+4)^3)^2*1$	-631238481	P	$(98+7+6-5)^4*-(3+2)-1$
-592194654	P	$-9+(8-(-7-6))^5*(-(4^3)^2-1)$	-632774025	P	$-(9/(8-7)^6)^5*43)^2*1$
-592240863	P	$-((98-7+65)^4-32)+1$	-634229968	P	$9^8/7-(6^5)^4-4+32^*1$
-592240865	P	$-((98-7+65)^4-32)-1$	-634229994	P	$9^8*7^*(6^5)^4+3+2+1$
-592240889	P	$-(98-7+65)^4+3^2+1$	-634229995	P	$9^8*7^*(6^5)^4+3+2^*1$
-592240902	P	$-(98-7+65)^4-3^2*1$	-634230005	P	$-(9^8*7^*(6^5)^4+3^2)+1$
-592704018	G	$-9-8+(7^6*5^4)^3-2+1$	-634230006	P	$-(9^8*7^*(6^5)^4+3^2)^*1$
-593481920	G	$-9+(8-(7^6+5^4)^3)^2-1$	-634230008	G	$-9-8^7*(6^5)^4*3^2+1$
-594415594	G	$-9-8^7*(6^5+3)^2-1$	-634230024	G	$-9^*(87/(6^5)^4-4+3)+2+1$
-594542559	G	$9^8-8^*(7/-6^5(5^*-4))+32+1$	-634509121	P	$-(9^8+76^5/4+3)^2*1$
-594542561	G	$9^8-8^*(7/-6^5(5^*-4))+32-1$	-637537257	G	$-9-8^7*6^*(5+4^3+2+1)$
-594542585	G	$9^8-8^*(7^*-6^5(5^4))+3^2+1$	-638328872	G	$-9+(-8^7-65^4)^3+1$
-594542588	G	$9^8-8^*(7/-6^5(5^*-4))+3+2-1$	-639069440	G	$-9^8-7^6*5^4+32^*1$
-594542599	G	$9^8-8^*(7^*-6^5(5^4))-3^2-1$	-640027002	P	$-(9-(8-(76^*(5+4))^3)^2)-1$
-596092225	P	$-(-9-8^*(76+5)^4)^2*1$	-642622141	P	$9^8*8^*(-(7+65^4-3)/2-1)$
-597509136	P	$-(9^*(8-76^5)^*(4+3))^2*1$	-642622355	G	$9^8*8^*(-(7+65^4+3)/-2+1)$
-598683024	P	$-(9-8^7*65^4+3)^2*1$	-644835871	G	$(9-87+6+5)^4*3-1$
-600250000	P	$-(98^*(7-(65^4-3)))^2*1$	-645657709	G	$98^8(-7+6+5)^*(4-3)+2+1$
-601187347	G	$-9^8-(7^*(6-5-4)^3)^2-1$	-645657715	G	$98^8(-7+6+5)^*(4-3)-2-1$
-601601760	G	$(9^8+7^6+5)^4-3+2+1$	-650118990	G	$-9-(8^7+6)^5*(4^3-2)-1$
-601601762	G	$(9^8+7^6+5)^4-3+2-1$	-650268001	P	$-(9+8+7)^6-5^4(3+2)-1$
-602362897	G	$-9-8-7^6*5^4(3+2^*1)$	-652444849	P	$-((9+8+7^6)^5*(4-3))^2*1$
-602362952	G	$-9^8-7^6*5^4/4^3(-3-(2^*1))$	-653456229	P	$-9+(8+(7^6)^5+4)^*(-(3+2^*1)+1)$
-602499234	G	$-9^8(-7+65^4)^3+2+1$	-655050760	G	$(-9-8^7)^*(6^5(5+4)+3^2-1)$
-602499243	G	$-9^8+7-65^4*3^2-1$	-655360030	P	$-((9-8^7/6^*-5^4)^3+2)-1$
-602499255	P	$-(9^8+7)-65^4*3^2+1$	-656486883	P	$-((-9+8+7^6)^5*4^3)^2+1$
-602499257	P	$-(9^8+7)-65^4*3^2-1$	-656794383	P	$-((-9+8+7^6)^5*4^3)^2+1$
-602499262	G	$-9^8+(-7-65^4)^3+2+1$	-657187118	G	$-98^*(7^6*(54+3)-2^*1)$
-602641008	P	$-(9^8*7-6543)^*(2^*1)$	-657187510	G	$-98^*(7^6*(54+3)+2^*1)$
-602652996	P	$-(9^8*7-6-543)^*(2^*1)$	-658384281	P	$-(-98^*(6+5^4+3))^2*1$
-602653020	P	$-(9^8*7+6-543)^*(2^*1)$	-658503835	G	$9-(8^7-6)^*(5^4+3)/(2^*1)$
-602653997	G	$(9^8-7)/((6+5)/(4^3+2))-1$	-658503853	G	$-9-(8^7-6)^*(5^4+3)/(2^*1)$
-602654076	P	$-(9^8*7-6^5(5-4)-3)^*(2^*1)$	-658506670	G	$(-9-8^7+6)^*(5^4+3)/(2^*1)$
-602654089	P	$(9^8*7^*-6-5)^4+3)^2-1$	-658507603	G	$9-(8^7+6)^*(5^4+3)/(2^*1)$
-602654099	P	$-(9^8*7^*(6-5)^4+3)^2+1$	-661730629	G	$9^*(8-7^6)^5*4-3-2+1$
-602654112	P	$-(9^8*7+6^5(5-4)+3)^*(2^*1)$	-661775546	G	$9^*(8-7^6/5^4-4)^3+2+1$
-602655168	P	$-(9^8*7-6+543)^*(2^*1)$	-661775560	G	$9^*(8-7^6/5^4-4)^3*2-1$
-602667180	P	$-(9^8*7+6543)^*(2^*1)$	-661775661	G	$-9^*(8+7^6*5^4-3-2+1)$
-603055961	P	$-(9^8)-7^6*((5+4^3)^2)-1$	-661775690	G	$9^*(8-7^6/5^4-4)^3+2+1$
-603684900	P	$-(9^8*7^6/4^3)^2*1$	-661775704	G	$9^*(8-7^6/5^4-4)^3*2-1$

-662747784	P	$-(9+(8+76*(5+4))^3*2)+1$	-712890625	P	$(9*8+7-6)*-(5^4(4+3*2)*1)$
-664062577	G	$-9+(8-76)*(5^4(4+3*2)+1)$	-713547507	G	$9*8^7-6*5^4(4*3)/(2*1)$
-667818596	P	$-(9^8+7/(65^4-4/(3+2)))^*1$	-714024730	G	$-9+8*(7-65^4)*(3+2)-1$
-671846400	P	$-(9+(8*76-5)*-43)^2*1$	-714025010	G	$-9-8*((7+6)*5)^4*(3+2)-1$
-673185802	G	$-9-8^7*(6*54-3)-2+1$	-714025297	G	$-9-8*((7+65^4)*(3+2)+1)$
-675284886	P	$-(9+(8^7+6)*5/4^4-3+2))-1$	-714717673	G	$(98+7)^6*5^4-4/3+2*1$
-676928058	G	$-9^8-76^5/4+3*2+1$	-715776516	P	$-((9-87)*(6-(-5+4))^3)^2*1$
-676928059	G	$-9-8-76^5/4+3*2*1$	-716636157	G	$(9+8+7)^6*5/4*-3+2+1$
-676928070	P	$-(9^8+76^5/4+3)-2*1$	-716636159	G	$(9+8+7)^6*5/4*-3+2-1$
-677658241	P	$-9-8*(7^6*5/-(4*3)^2+1)$	-719312855	G	$-9-(8^7-6*5)*(4+3)^2(2+1)$
-677658249	P	$-9-8*(7^6*5/-(4*3)^2+1)$	-719333435	G	$-9-(8^7+6*5)*(4+3)^2(2+1)$
-677658250	G	$-9-8^7*6*5*(4^3)^2-1$	-720011880	G	$9*8/(7^6-6/(-54-32+1))$
-677941569	G	$-9^8-7*6^4(5+4)*(3^2*1)$	-721420298	G	$-9-8^7*(6*(54+3)+2)-1$
-678052495	G	$(9+8)^7-6^4(5+4+3)/(2*1)$	-722104383	P	$-((-9+8-7*6)*5^4+3)^2+1$
-679332096	P	$-((-9+8-7)*6*543)^2*1$	-722426883	P	$-((-9+8-7*6)*5^4-3)^2+1$
-679474336	G	$(9-8^7)*6*54-(3+2-1)$	-725347880	P	$-(9+(8-7*6)(6+5))^4*32+1$
-679476752	P	$-((-9+8^7*6)*54-3^2)+1$	-725510098	P	$-(9^8+(7*6*(-5^4+3))^2)-1$
-679480154	G	$(-9-8^7)*6*54+3^2+1$	-725594178	G	$-9-8*(7-6^4(5+4)*-3^2)-1$
-681836544	G	$(9-8+7)^6*(54-3)^2*1$	-725594621	G	$9*8*(-7-6^4(5+4))-3*2+1$
-682045464	P	$-(9+(8-7*6*(5^4-3))^2)+1$	-726364927	G	$9*8^7(6+5-4)/-3^2-2-1$
-682463277	G	$98-(7*6*(-5^4+3))^2+1$	-726464209	P	$-(9+8*(-7-(6+5+4)^3))^2*1$
-682463394	P	$-(9+8)-(7*6*(-5^4+3))^2-1$	-726902840	P	$-(-9-8^7)-(6*5)^4(4*3/2)-1$
-682881432	P	$-(9+(8+7*6*(5^4-3))^2)+1$	-729000025	P	$-(9+8+7)-(6*5)^4(4*3/2)-1$
-683613316	P	$-9/((-8-7^6)*5(5-4-3))^2-2*1$	-729000090	G	$-98+7-(6*5)^4(4*3/2)+1$
-683671540	G	$9-8^7*(6+5/4^4-3)+2+1$	-729000257	G	$(-9-(8+7)^6+5)/4^4-3-2+1$
-684195849	G	$-9-87*6*5*4^4(3^2*1)$	-729938771	G	$-9^8+(7+6)^5*(4-3)^2-1$
-684502569	P	$-(-98*(7+65^4)+3)^2*1$	-729972324	P	$-((9*-8-7)*6*(-54-3))^2*1$
-685953287	P	$-(-9^8+7)-(6^5)^4(4*3/2)-1$	-731007163	P	$-(9^8+(7*(-6*5^4+3))^2)-1$
-686128994	G	$-9-8*(7^6*(5+4)^3+2)-1$	-731097144	P	$-(-9+8^7)-(6*5)^4(4*3/2)-1$
-686621773	G	$(-9-8)*76/(-5-4)^4(3^2-2)-1$	-731432025	P	$-(9*(8*(76*5-4)-3))^2*1$
-687865866	G	$-9-8^7*(6+(5^4+3+2))-1$	-731794267	P	$(9+8)*-(76+5)^4-3^2-1$
-687907984	P	$-(9-(8-7*6*(-6*5^4+3))^2)+1$	-732420888	G	$987-6*5^4(4*3)/(2*1)$
-688011362	G	$-9-8^7*6*(5+4)^3+2-1$	-732421092	G	$9*87-6*5^4(4*3)/(2*1)$
-688275225	P	$-(9+(-8-7)/6*54^3)^2*1$	-732421189	G	$98*7-6*5^4(4*3)/(2*1)$
-688747422	G	$(9^8-7)*(6-54)/3+2*1$	-732421371	G	$9*8*7-6*5^4(4*3)/(2*1)$
-688747426	G	$(9^8-7)*(6-54)/3-2*1$	-732421770	G	$98+7-6*5^4(4*3)/(2*1)$
-688747646	G	$(9^8+7)*(6-54)/3+2*1$	-732421784	G	$98-7-6*5^4(4*3)/(2*1)$
-688747650	G	$(9^8+7)*(6-54)/3-2*1$	-732421810	G	$9+8*7-6*5^4(4*3)/(2*1)$
-688748753	P	$(9^8+76)*-(54/3-2)-1$	-732421953	G	$9-87-6*5^4(4*3)/(2*1)$
-688800024	P	$-((9-(8+7))/(6+54^3))^2+1$	-732421966	G	$-98+7-6*5^4(4*3)/(2*1)$
-688800026	P	$-((9-(8+7))/(6+54^3))^2-1$	-732421980	G	$-98-7-6*5^4(4*3)/(2*1)$
-688944194	G	$-9+(8-(76+5^4)^3)^2+1$	-732422379	G	$-9*8*7-6*5^4(4*3)/(2*1)$
-689375147	G	$9^8+7-6*5^4(4*3)/(2*1)$	-732422561	G	$-98*7-6*5^4(4*3)/(2*1)$
-689375161	G	$9^8+7-6*5^4(4*3)/(2*1)$	-732422658	G	$-9*87-6*5^4(4*3)/(2*1)$
-689965970	P	$(-9-8^7)*-(6*54-(3+2))-1$	-732422862	G	$-987-6*5^4(4*3)/(2*1)$
-690165342	G	$98-((7*(6/5^4-4+3))^2-1)$	-732730761	P	$-(9*8*(76*5+4)+3)^2*1$
-691896808	G	$-9+(8-((7+6)*54)^3)^2+1$	-733212163	G	$-9^8-(7*(6*5^4+3))^2-1$
-692216100	P	$-((-9-(8765-4))^3)^2*1$	-734355801	P	$-(9*(-8*(76*5-4)-3))^2*1$
-693359446	P	$(9*8-(7-6))*-(5^4(4+3*2)+1)$	-734943536	G	$-9^8+((-7-6)*54)^3+2+1$
-693744000	P	$-((9+8-7*6*5)^4-3)/2-1$	-735138159	G	$(9/8*(7*-6)^5+4)*(3+2)+1$
-694322500	P	$-(9-(8*-76-5)*-43)^2*1$	-735138201	G	$(9/8*(7*6)^5+4)*(-3-2)-1$
-695271424	P	$-(9+(8*-76-5)*-43)^2*1$	-737168887	G	$(9^8-7*65^4)/3^4-2-1$
-695271434	P	$-(9+(8-7*6*(5^4+3))^2)-1$	-737611282	P	$-((-987+6^5)*4+3)^2-1$
-695640625	P	$-(9-8-7*6*(5^4+3))^2*1$	-737894521	G	$(-98^4(-7+6+5)*4+3)^2+1$
-695693394	P	$-(9+8)-(7*6*(5^4+3))^2-1$	-737894522	G	$(-98^4(-7+6+5)*4+3)^2*1$
-695693473	G	$-98-(7*6*(5^4-3))^2+1$	-737894534	G	$(98^4(-7+6+5)*-4-3)^2*1$
-695746129	P	$-(9-8-7*6*(5^4+3))^2*1$	-737894535	G	$(98^4(-7+6+5)*-4-3)^2-1$
-696115466	P	$-(9+(8+7*6*(5^4+3))^2)-1$	-738740098	P	$-(9^8+(7*6*(5^4+3))^2)-1$
-698353799	G	$(9*(8^7+6)+5)*(-4/3^4-2-1)$	-740402294	G	$(9^8-76)/(5/43/2)*1$
-700131600	P	$-(98*(7-(65^4-3)))^2*1$	-740403584	G	$(9^8-76)/(-5/43/2)*1$
-701156088	G	$(9^8-(7*6)^5)/(4^4(-3/2)*1)$	-742187425	P	$-(9-8)-76*(5^4(4+3*2)-1)$
-701190401	P	$-((9/(8+(7-65-4)^3))^2)-1$	-742187573	G	$-9*8-76*5^4(4+3*2)-1$
-705911728	P	$-(98-(7-6)*5)^4+3+2+1$	-742187648	G	$-9*8-76*(5^4(4+3*2)+1)$
-705911730	P	$-(98-(7-6)*5)^4+3+2-1$	-742835025	P	$-(9*(-8+765)*4+3)^2*1$
-705911751	P	$-(98+(-7-6)*-5)^4+3+2+1$	-744143841	P	$-(9*(-(-8+765)*4-3))^2*1$
-705911769	P	$-(98+(-7-6)*-5)^4-3+2+1$	-745781481	P	$-(9-87*(-6-5*4^3))^2*1$
-706218450	P	$-9+(-8+7)^6+5)*(-4^3+2)-1$	-746586120	P	$-(9+8^7*(6*54+3))^2+1$
-709264129	P	$-(-9*(8+7)+6+5)^4*3-2+1$	-746764929	P	$-(9-87*(6-5*4^3))^2*1$
-709264131	P	$-(-9*(8+7)+6+5)^4*3-2-1$	-748077201	P	$-(9*(8*76*-5+4-3))^2*1$
-710169201	P	$-(-987/6*54^3)^2*1$	-748569600	P	$-(9/8*76*5/4^4-3)^2*1$

-749726248	G	$98/7^* - 65^4 * 3 + 2^*1$	-806957648	P	$9^* - (8 + (7+6) * (-5-4)^3)^2 + 1$
-749726251	G	$98/7^* - 65^4 * 3 - 2^*1$	-807469056	P	$-(9^*8^*(7/6+5)/4^3 - 3)^2 * 1$
-749726252	G	$98/7^* - 65^4 * 3 - 2^*1$	-810549257	G	$-9 - (8+765)^*4^3(3^2+1)$
-749726267	G	$-9 - 8 - 7^*65^4 * 3^*2^*1$	-811598208	G	$9^*(- 8^7 - (6-5))^*4^3 + 2 + 1$
-749726322	G	$9^* - 8 - 7^*65^4 * 3^*2^*1$	-811598210	G	$9^*(- 8^7 - (6-5))^*4^3 + 2 - 1$
-749726348	G	$-98 - 7^*65^4 * 3^*2^*1$	-811623121	P	$-(- 9^*8 + (7+6)^3(5-4+3))^2 * 1$
-750705201	P	$-(- 9^*(8^*76^*5+4) - 3)^2 * 1$	-811623122	P	$-(- 9^*8 + (7+6)^3(5-4+3))^2 - 1$
-750780424	G	$-9 - 8^*7^*(6^*5^4 * 3 - 2) + 1$	-815045401	P	$-(9 - (-8^*(7-6) - 5)^4 + 3)^2 * 1$
-751296243	G	$-9^*8^7 - 6^*5^4(4^*3)/(2^*1)$	-815730725	P	$-((98+76-5)^4 + 3 + 2) + 1$
-751780930	P	$-9 + (- (8+7)^3 + 5)^*(4^3 + 3) - 1$	-815902096	P	$-((98/7 - 6 + 5)^4 + 3)^2 * 1$
-752467976	P	$-(9-8) - 7^*((6^5 * 4/3)^2 + 1)$	-816293458	P	$9^*(- 8 + 7 - 6^3 - (-5-4))^*3^2 - 1$
-752467992	P	$-(9+8) - 7^*((6^5 * 4/3)^2 + 1)$	-816294592	P	$9^*(- 8 - (7+6^3 - (-5-4)))^*3^2 - 1$
-753008481	P	$-(9^*(8 - (765^*4 - 3)))^2 * 1$	-819276129	P	$-(987^*(- 6^*5 + 4 - 3))^2 * 1$
-753571001	G	$(98/ - 7^*65)^4(4 - (3 - 2)) - 1$	-819848689	P	$-(9^*8 + (7+6)^3(5-4+3))^2 * 1$
-753571008	G	$-9 - (8^*7^*65/4)^3 + 2 - 1$	-819848690	P	$-(9^*8 + (7+6)^3(5-4+3))^2 - 1$
-753571010	G	$-9 - 8^*(7^*65)^4(4 - 3 - 2) - 1$	-820123031	G	$(9^8 + 7^6)^*(5 - 4 + 3)^2 - 1$
-753945239	G	$(9^8 + 7 + 6^*5^4(4^*3))/(- 2^*1)$	-820124497	G	$9^*8^*(7 - (-6 - 5 - 4)^3(3^2)) - 1$
-754655841	P	$-(- 9^*(8 - 765^4) + 3)^2 * 1$	-820312508	G	$-9 - (8+76)/5^4(-4-3^2) + 1$
-754985529	P	$-((- 9 - 8^*(- 76 - 5))^*4^3)^2 * 1$	-820312593	G	$-9 - (8+76)^*(5^4(4+3^2) + 1)$
-755827194	G	$-(9 - (8+7)^*(6^4(5+4)^*(3+2) - 1))$	-826097674	G	$-9 - (8^*7)^4(6^5 + 4)^*3/2 - 1$
-756142129	G	$((- 98 - 7)^*6/5)^4 * - 3 - 2 + 1$	-827194113	G	$-9^8 + (7^*6)^5 * 4^* - 3/2^*1$
-756142131	G	$((- 98 - 7)^*6/5)^4 * - 3 - 2 - 1$	-830131375	G	$-9^*(87+6+5)^4 - 32 + 1$
-757640049	P	$(9^8 + 7^4(6+5))/(4/3^* - (2^*1))$	-830131377	G	$-9^*(87+6+5)^4 - 32 - 1$
-759172283	P	$-(9 - 8^7)^*(6^*5^4 - 4^*3 - 2) - 1$	-830475052	P	$(9/8^7 - 7+65)^*(- 43 + 2 - 1)$
-760953732	G	$98^* - 7^6 * 5^4(5+4^3 - 2 - 1)$	-831999988	P	$-(9 - 8) + (-7 - 6)^*(5^4)^3(3^2) - 1$
-761048494	G	$-(9 + 8^*(7 - 6^*5^4))^3 + 2 + 1$	-832000016	P	$-(9 + 8) + (-7 - 6)^*(5^4)^3(3^2) + 1$
-761048496	G	$-(9 + 8^*(7 - 6^*5^4))^3 + 2 - 1$	-832000030	P	$-(9 + 8) + (-7 - 6)^*(5^4)^3(3^2) + 1$
-762256881	P	$-(- 9^*(8 + 765^4) + 3)^2 * 1$	-835210016	G	$-9 - (((8 - 7^*6)^5)^4 + 3^2) - 1$
-763914321	P	$-(9^*(8 - (-765^4 - 3)))^2 * 1$	-840349998	G	$(-98 - 7^*6)^5 * 4^4 - 3 + 2^*1$
-764555990	G	$9 - 87/((65^4)^3 - 3^2) + 1$	-840957961	P	$-9 - 8^7 * - (6^*5 - 432 + 1)$
-766902249	P	$-(9 + (8 + 7^6)/(5/4 + 3))^2 * 1$	-841000000	P	$-(9^*87^*(6/(5^4))^3)^2 * 1$
-768319999	G	$-(9 - (8 + 7 - 6)^5)^4 * - 32 + 1$	-842189977	P	$9^* - ((-8 - 7)^* - 6^*5 + 4)^3 - 2 + 1$
-768320001	G	$(9 - 8 - (76 - 5))^4 * - 32 - 1$	-842189979	P	$9^* - ((-8 - 7)^* - 6^*5 + 4)^3 - 2 - 1$
-769396644	P	$-(9^*((8 - (7+6))^5 + 43))^2 * 1$	-842450616	G	$9 - ((8+7)^6/(5/43))^2 * 1$
-772046729	P	$-(9^8 + 7) - (6^*5)^4(4^3/2) - 1$	-845207361	G	$-9^8 - 765^4 * 4^3(3^2 + 1)$
-774230625	P	$-(9 - (8 - 765)^*4 + 3)^2 * 1$	-846526529	G	$-9 - 8^*7^*(6^4(5+4)^3/2 + 1)$
-774453241	P	$-(98^*(- 76 + 5)^*4 + 3)^2 * 1$	-847974418	P	$-(9 + 8) - (7^*65^4 * 4^3)^2 - 1$
-774842733	P	$-((9^8 + 7)^*6 + 543)^*(2 + 1)$	-848032642	P	$-(9 - 8 - 7^* - 65^4 * 4^3)^2 - 1$
-775901025	P	$-(9 - 8^*(- 76 - 5)^* - 43)^2 * 1$	-849608949	G	$-9 + 87^*(6 - 5^4(4 + 3^2) - 1)$
-780084900	P	$-(9^*8^*76^*5/4^*3)^2 * 1$	-849609993	G	$-9 - 87^*(6 + 5^4(4 + 3^2) + 1)$
-780140554	G	$-9 - 8^7 * 6^*(5^4 * 3 + 2) - 1$	-849955716	P	$-(9 - ((-8 - 7)^* - 6^5/4 + 3))^2 * 1$
-781202500	P	$-((- 9 - (8 - 7))^*65^4 * 3)^2 * 1$	-850655556	P	$-(9 - ((-8 - 7)^*6^5/4 + 3))^2 * 1$
-784147384	G	$9 - 8^*(7^*6)^5/4^3 - 2 + 1$	-852767999	G	$987^*(6^*5^4)^3/ - 2 + 1$
-785234145	G	$-9 - 8 - 76^*(5^4(4 + 3^2) - 1)$	-853516225	P	$-((- 9 + 87654) / 3)^2 * 1$
-785234222	G	$-9^8 - 76^*5^4(4 + 3^2) - 1$	-854296876	G	$(9^*(- 8 + 7 + 6)^5)^4 / - 3 - 2 + 1$
-787475844	P	$-(9^*((8 - 7 - 6)^5 - (-4 - 3)))^2 * 1$	-854977600	P	$-(9/(8^*765^4 * 43))^2 * 1$
-790340768	P	$-(9^*(8 - 7 - 6)^5 + 4^3)^2 + 1$	-856830003	G	$(9 - (-8^*7 - 65))^4 * - 3 - 2 - 1$
-790340770	P	$-(9^*(8 - 7 - 6)^5 + 4^3)^2 - 1$	-859779684	P	$-(9/(8 - 7)^*6^5 * 43)^2 * 1$
-791015715	G	$-9 - (87 - 6)^*(5^4(4 + 3^2) + 1)$	-859963458	G	$-9 - 8^*(7 + (6^5 * 4/3)^2) - 1$
-791521955	P	$-(9^*((8 - 7 - 6)^5 - 4 + 3))^2 + 1$	-860934281	G	$(-9^8 + 7)^4(6 - 5)^* - 4^*(- 3 - 2) - 1$
-791690768	P	$-(9^*(8 - 7 - 6)^5 - 4^3)^2 + 1$	-860934389	G	$9^8 / ((-7 + 6)/(5^4)) + 32 - 1$
-791690770	P	$-(9^*(8 - 7 - 6)^5 - 4^3)^2 - 1$	-860934412	P	$-(9^8 / ((-7 + 6)/(5^4)) - 3^2) - 1$
-792535104	P	$-(9^*8^*(7^*65 - 4^*3))^2 * 1$	-860934425	G	$9^8 / ((-7 + 6)/(5^4)) + 3^* - 2 + 1$
-792725934	P	$(9^*(8^7 + 6 + 5)^* - (43 - (2 - 1)))$	-860934426	G	$9^8 / ((-7 + 6)/(5^4)) + 3^* - 2^*1$
-792772971	G	$-9^8 - 7^*65^4 * 3^*2^*1$	-860934430	G	$(9^8 / ((-7 + 6)/(5^4)) - 3^2) - 1$
-793436224	P	$-(9^*(- 8 + 7 + 6)^5 + 43)^2 * 1$	-860934452	G	$9^8 / ((-7 + 6)/(5^4)) - (32^*1)$
-793886976	P	$-(9 - 87^*6^*54 + 3)^2 * 1$	-860934453	G	$9^8 / ((-7 + 6)/(5^4)) - (32 + 1)$
-794338674	P	$-(9 + 8)^7 - 6^*(5^4)^3(3^2) - 1$	-861643005	G	$-9^*8^*76^*54^3 + 2 + 1$
-795514682	G	$-9^8 - 7^*((6^5 * 4/3)^2 - 1)$	-863772100	P	$-((9^*8 - 7^6 + 5) / 4 + 3)^2 * 1$
-795514690	G	$-9^8 - 7^*(6^5 * 4/3)^2 - 1$	-864124816	P	$-((9^*8 - 7^6 + 5) / 4 - 3)^2 * 1$
-795542535	G	$98^*7^6 * (-5 - 4^3) + 2 + 1$	-864183609	P	$-(9 - (-8 - (-7^6 + 5)) / 4 + 3)^2 * 1$
-795542537	G	$98^*7^6 * (-5 - 4^3) + 2 - 1$	-864536413	G	$-9^*(- 8^*(7 + 6) + 5)^4 - (3 + 2) + 1$
-796138616	G	$(9^* - 8 - 7)^*(6^4(5 + 4) + 3^2 - 1)$	-864712845	P	$-(9 + ((8 - 7^6 + 5) / 4 + 3)^2)^*1$
-796140513	P	$(9^*8 + 7)^*(- 6^4 - (-5 - 4) - 32) - 1$	-864712846	P	$-(9 + ((8 - 7^6 + 5) / 4 + 3)^2) - 1$
-796140591	P	$(9^*8 + 7)^*(- 6^4 - (-5 - 4) - 32 - 1)$	-864771649	P	$-(9 - ((-8 - 7^6 + 5) / 4 + 3))^2 * 1$
-796424841	P	$-(98^*(- 7 - 65)^*4 + 3)^2 * 1$	-865065753	P	$-(9 + ((8 - 7^6 + 5) / 4 - 3)^2)^*1$
-796917769	G	$-9 - 8^*76^*5^4(3^2 + 1)$	-865065754	P	$-(9 + ((8 - 7^6 + 5) / 4 - 3)^2) - 1$
-803340288	G	$(9^8 + 765)^* - 4^4(3^2 + 1)$	-865242225	P	$-(9 - 8 - (7^6 + 5) / 4 + 3)^2 * 1$
-803892609	P	$-(9 - 87^*(6 - 5^* - 4^3))^2 * 1$	-865477561	P	$-(9 - ((-8 - 7^6 + 5) / 4 + 3))^2 * 1$
-805303229	G	$((9 - 8^7)^*6 - 5)^4 * 3 + 2 + 1$	-865523187	G	$-9 - (87^*(6 + 5) - 4)^3 - 2 + 1$

-865830625	P	$-(-(-8-7^6+5)/4+3)^{2*1}$	-923795465	G	$-9-(876+5)^4*(3^2+1)$
-866419225	P	$-((-98-7^6-5)/4+3)^{2*1}$	-925437240	P	$-(-98*7+6^5*4+3)^{2+1}$
-866772481	P	$-((-98-7^6-5)/4+3)^{2*1}$	-925437242	P	$-(-98*7+6^5*4+3)^{2-1}$
-868223642	P	$(9*(8^7+6)+5)^*(43+2+1)$	-928984214	G	$-9^8-7*((6^5*4^3)^{2-1})$
-871194256	P	$-((-9+8^7)*(6-(-5^4+3)))^{2*1}$	-930860100	P	$-(9*(8+7+(6-(-5-4))^3))^{2*1}$
-875046708	G	$-9^8+(-7-6)*((5^4)^{(3^2)-1})$	-934463761	P	$-(9/(8+7^6+5^4*3))^{2-1}$
-876752100	P	$-(987*6^5/(4-3))^{2*1}$	-936360000	P	$-((9*8^7-6)^5*4^3)^{2*1}$
-876758779	G	$-9-87*(6^5(5+4)-3^2)-1$	-937500672	G	$-(9-87)^6*(6^5+4^3+2+1)$
-876759127	G	$-9-87*(6^5(5+4)-3-2)-1$	-937890629	P	$-((98+7*(6+5))^4+3+2)+1$
-876759592	G	$-9-87*6^5(5+4)-32+1$	-946915984	P	$-(98*(7-(6^5*4-3)))^{2*1}$
-876759594	G	$-9-87*6^5(5+4)-32-1$	-950881638	P	$-((9^8-(7^6*5)^4)-3)/(-2*1)$
-876759647	G	$-9-87*(6^5(5+4)-(-3+2))+1$	-950881641	P	$(9^8-(7^6*5)^4-3)/(-2*1)$
-876759909	G	$-9-87*(6^5(5+4)+3+2-1)$	-954014880	P	$-((9-8-7^6*5)^4-3)/2-1$
-876760345	G	$-9-87*(6^5(5+4)+3^2)-1$	-955510783	G	$(9+8+7)^6*5+4^3(3^2)+1$
-876762346	G	$-9-87*(6^5(5+4)+32)-1$	-955513030	P	$-((9+8+7)^6*5-4^3)^{2+1}$
-876762432	G	$-9-87*(6^5(5+4)+32+1)$	-955513855	P	$-(9+8+7)^6*5+4^3(3+2)+1$
-877818384	P	$-(9876/(5-4)^3)^{2*1}$	-955514688	G	$(9+8+7)^6*5+4^3(2+1)$
-877996161	P	$-((-9876-(5-4)^3)^{2*1})$	-955514838	G	$(9+8+7)^6*5+4^3-2+1$
-883050312	P	$-(((9-8-7^6)*5)^4-3)/2-1$	-955514840	G	$(9+8+7)^6*5+4^3-2-1$
-886967524	P	$-(-9*((-8+7-6)^5+4)^3)^{2*1}$	-955514865	G	$(9+8+7)^6*5+4^3+2+1$
-887643023	P	$-(9^8-((-7-6)^5+4)^{(3+2)))-1$	-955514907	G	$(9+8+7)^6*5+4-32+1$
-888040000	P	$-(-9+((-8+7-6)^5+4)^3)^{2*1}$	-955514909	G	$(9+8+7)^6*5+4-32-1$
-888221844	G	$-9^8+(-76^5+4)/3-(-2+1)$	-955514915	G	$(9+8+7)^6*5-4-32+1$
-888221846	G	$-9^8+(-76^5+4)/3-2+1$	-955514917	G	$(9+8+7)^6*5-4-32-1$
-888672512	G	$(-98+7)^6*(6+5^4(4+3^2)+1)$	-955514924	G	$(9+8+7)^6*5-4^3-2+1$
-891021121	P	$-(9^8+(7^6*65/4-3)^2)^{2*1}$	-955514926	G	$(9+8+7)^6*5-4^3-2-1$
-891022499	P	$-(9+87*(6+5-4)^3)^{2+1}$	-955514947	P	$-((9+8+7)^6*5+4^3+2)-1$
-891022501	P	$-(9+87*(6+5-4)^3)^{2-1}$	-955515903	P	$-(9+8+7)^6*5-4^3(3+2)+1$
-891292159	G	$-9-(8^7+6)^5*(4^3*2-1)$	-956563456	P	$(-9-8^7*65)^4-(-3^2*1)$
-895486474	G	$-9+(8^7+6)^5*(5-4^3)+1$	-958398474	G	$-9-8^7*(65*(4+3)+2)-1$
-895745041	P	$-(9-8*(7-6/5^4-4+3))^{2*1}$	-960097382	G	$-9-(87/6^5*4^3)^{2+1}$
-897541681	P	$-(9-8*(-(7-6/5^4-4+3)))^{2*1}$	-960938001	P	$-(9-8^7*6^5(54-3))^{2*1}$
-898619936	P	$-(9+8)^7+(-6-5^4(4^3))^2-1$	-961620099	P	$-(98-7-6^5*4+3)^{2+1}$
-900544265	P	$(9+((-8+7)-6)^4(-5+4^3))/2+1$	-961620101	P	$-(98-7-6^5*4+3)^{2-1}$
-900544267	P	$(9+((-8+7)-6)^4(-5+4^3))/2-1$	-962798840	P	$-(9-87+6^5*4+3)^{2+1}$
-901777930	G	$9+(8^7+6)^5*4^3-2+1$	-962798842	P	$-(9-87+6^5*4+3)^{2-1}$
-902461681	P	$-(9-8*(-7-6/5^4-4+3))^{2*1}$	-963481601	P	$-((-98+7-6)^5*4^3)^{2-1}$
-902610440	G	$-9-(8^7+6^5)^4*32+1$	-963543691	P	$-(9+((8+(7-6^5))^4+3)^2)-1$
-903723844	P	$-((-9+8*(7-6^5-5^4)+3)^{2*1})$	-963794944	P	$-((9+8^7*6)-5)/4^4(-3-2)^{2*1}$
-903840618	P	$-(9+87*(7-65)^*(4^3-1))$	-964164601	P	$-((-98/7-6^5)^4+3)^{2*1}$
-904265041	P	$-(9-8*(7-6/5^4-4+3))^{2*1}$	-964537249	P	$-(9^8+(-7-6^5)^4+3)^{2*1}$
-904921088	G	$(-98-765)^4*(3^2+1)$	-964785721	P	$-((-9-(8-7)+6^5)^4+3)^{2*1}$
-905347921	P	$-(9-8*(-7-6/5^4-4+3))^{2*1}$	-964847843	P	$-(9+8-(-7+6^5)^4-3)^{2+1}$
-905945471	P	$-((-9-8^7)-65)^4*32+1$	-965034226	P	$-((-9+(8-7)+6^5)^4+3)^{2-1}$
-905964922	G	$-9-(8^7+6-5)^4*32-1$	-965158489	P	$-((-9-(8-7)+6^5)^4+3)^{2*1}$
-905969242	G	$-9-(8^7+6+5)^4*32-1$	-965175059	P	$-(9-8^7)-(6^5*4-3)^{2-1}$
-905970106	G	$-9-(8^7+(6-5))^4*32-1$	-965282761	P	$-(9-8^7)-(6^5*4+3)^{2-1}$
-905973119	P	$-((9+8^7-6)-5)^4*32+1$	-965469185	P	$-(9-8-(-7+6^5)^4+3)^{2-1}$
-905974426	G	$-9-(8^7+(6+5))^4*32-1$	-965548307	P	$-(9-8^7)-(6^5*4+3)^{2-1}$
-907756641	P	$-(9*(8^7-6)^5*4+3)^{2*1}$	-965593475	P	$-(9-8+(-7+6^5)^4-3)^{2+1}$
-908118225	P	$-((-9*(8^7-6)^5*4+3)^{2*1})$	-965842083	P	$-(9-8-(-7+6^5)^4-3)^{2+1}$
-908203133	G	$-9-(87+6)/5^4(-4-3^2)+1$	-965966400	P	$-(9-8+(-7+6^5)^4+3)^{2*1}$
-908203227	G	$-9-(87+6)^5*(5^4(4+3^2)+1)$	-965966401	P	$-(9-8+(-7+6^5)^4+3)^{2-1}$
-908743711	G	$(9-8+7+65)^4*32+1$	-966463743	P	$-(9-(-8+7+6^5)^4+3)^{2+1}$
-908743713	G	$(9-8+7+65)^4*32-1$	-966588099	P	$-(9+8+(-7+6^5)^4-3)^{2+1}$
-909328904	G	$-9-(8^7+6^5)^4*32+1$	-966588100	P	$-(9+8+(-7+6^5)^4-3)^{2*1}$
-910892761	P	$-(98*7*(-6-5)^4+3)^{2*1}$	-966774650	P	$-((-98/7+6^5*4+3)^{2-1})$
-914838529	P	$98+(7^6)^5*(-4+3)-(-2+1)$	-966787081	G	$-9-8^7*(6^5+4^3-1)$
-914838576	G	$-9+(8-(7^6)^5)^4(4+3)+2-1$	-967023419	P	$-((9+((8-7-6^5)^4+3)^2)-1)$
-914838688	G	$-9+(8-(7^6)^5)^4*(-4-3)+2-1$	-967085604	P	$-((-9*(8-7)+6^5*4+3)^{2*1})$
-914838723	P	$-98+(7^6)^5*(-4+3)-(-2-1)$	-967139979	G	$(9^8-7^6(6+5)+4^3)/(2^4)$
-915870697	G	$-9-(8^7+6)^5+4^4(3^2*1)$	-967272212	G	$-9-(8-7+(6^5*4-3))^2-1$
-916394985	G	$-9-(8^7+6)^5-4^4(3^2*1)$	-967272226	P	$-(9+8+7)-(-6^5*4+3)^{2-1}$
-916636173	P	$-(9-(-8-7)^6(6+5))^4+3^2(2-1)$	-967645460	G	$-9-(8-7+(6^5*4+3))^2-1$
-916636179	P	$-(9-(-8-7)^6(6+5))^4-3^2(2-1)$	-967645474	P	$-(9+8+7)-(-6^5*4+3)^{2-1}$
-916636180	P	$-((9+(8+7)^6(6+5))^4+3+2)+1$	-967832100	P	$-((-9*(8-7)-6^5*4+3)^{2*1})$
-916636247	G	$-9*(8+(7-65)^4*3^2)+1$	-967894331	P	$-(9+((8-7+6^5)^4+3)^2)-1$
-919432961	G	$-98*(765^4+3)^{2+1}$	-968143226	P	$-((-98/7-6^5*4+3)^{2-1})$
-919544975	P	$-((-9*87+6^5*4+3)^{2+1})$	-968329923	P	$-(9+8+(-7-6^5)^4-3)^{2+1}$
-919544977	P	$-((-9*87+6^5*4+3)^{2-1})$	-968329924	P	$-(9+8+(-7-6^5)^4-3)^{2*1}$

-968454399	P	$-(-9-(-8+7-6^5)^*4+3)^2+1$	-1022088652	G	$-9^8-7^*(654^3/2+1)$
-968884232	P	$-(9+8^7*(6^5+432))^+1$	-1022134494	G	$(9-8^7*6^5*543)^*2^1$
-969076899	P	$-(9-8-(-7-6^5)^*4-3)^2+1$	-1025391360	G	$(-98-7)^*(6+5^(4+3^2)+1)$
-969289056	P	$-9-((8-76)^5+4)/3^2+1$	-1026625671	P	$-((98+76+5)^4-3^2)+1$
-969325955	P	$-(9-8+(-7-6^5)^*4-3)^2+1$	-1026625673	P	$-((98+76+5)^4-3^2)-1$
-969369363	P	$-(9+8^7)-(6^5*4-3)^2-1$	-1029193454	P	$-(9/8*(7^6)^5*(4+3)+2)^*1$
-969450497	P	$-(9-8-(-7-6^5)^*4+3)^2-1$	-1031710088	G	$-9^8+(-7^6(6+5)+4+3)/2+1$
-969742611	P	$-(9+8^7)-(6^5*4+3)^2-1$	-1031710095	G	$-9^8-7^*(6+5+4+3)/2+1$
-969761881	P	$-((-9-(8-7)-6^5)^*4+3)^2*1$	-1031798792	G	$-9-8^7*(6-54^*-3^2)+1$
-969886450	P	$-((-9^8(8-7)-6^5)^*4-3)^2-1$	-1034522896	P	$-((-9-(8-765))^4*3)^2*1$
-970073315	P	$-(9+8-(-7-6^5)^*4-3)^2+1$	-1036324864	P	$-((9^8*7-6-5)^4*3)^2*1$
-970135609	P	$-(9+8^7)-(6^5*4+3)^2*1$	-1037664180	G	$98^*-7^6*(5+43^2-1)$
-970384801	P	$-(9^8+(-7+6^5)^*4+3)^2*1$	-1039325055	P	$(9+8)^*-7+(6^5+43)^2+1$
-970758649	P	$-((98/7+6^5)^*4+3)^2*1$	-1042284552	G	$-9-8^7*(65+432)+1$
-971381899	P	$-(9+((8+(7+6^5))^*4+3)^2)-1$	-1045267721	P	$-(9+8^*(7^6)^5)+4^3(3^2*1)$
-972130040	P	$-(9-8^7-6^5*4+3)^2+1$	-1045521665	P	$-9-8^*(-(6+5)+4+3)/2+1$
-972130042	P	$-(9-8^7-6^5*4+3)^2-1$	-1045526408	G	$-9-8^*(7^6)^5-432+1$
-973315203	P	$-(98-7+6^5*4+3)^2+1$	-1045528017	G	$-9-8^*(7^6)^5+43^2-1$
-973315205	P	$-(98-7+6^5*4+3)^2-1$	-1045529950	G	$-9-8^*(7^6)^5-43^2+1$
-975621369	P	$-((98-7)^*(6-(-5+4))^3)^2*1$	-1045529968	G	$-9-8^*(7^6)^5+4+3^2+1$
-975621299	G	$9+8^*(7^6-5^4(4^3)/(2^1))$	-1045531715	G	$-9-8^*(7^6)^5-43^2-1$
-976091895	G	$9+8^*(7^6-5^4(4^3))/(2^1)$	-1045538049	P	$-9-8^*(-(7^6)^5-4^4(-3-2))-1$
-976561883	G	$9+8^*(7^6-5^4(4^3)/(2^1))$	-1045544665	G	$-9-8^*(7^6)^5+43^2+1$
-976562428	P	$-9-8^*(7-(-6+5^4(4^3)))/2+1$	-1049759992	P	$-((-9+8+7)^6*5)^4+3^2-1$
-976562503	G	$(-9-(8-7)+6)^5*(4^3)-2-1$	-1049760010	P	$-((-9+8+7)^6*5)^4-3^2-1$
-976562560	P	$-(9-8^*(7-(-6+5^4(4^3)))/2)+1$	-1051066367	P	$(9+8+7)^6*(5+(4-3)/2)+1$
-976562588	G	$-9-8^*(7-(-6-5^4(4^3)))/2+1$	-1052029225	P	$-(-98^*(7+6^5+4)^3)^2*1$
-977312644	P	$-98^*(7-6-5^4*3)^2*1$	-1052678025	P	$-(9^*(8^*(7^6-5-4)-3))^2*1$
-979041940	G	$-9-8-7^*654^3/2+1$	-1054235961	P	$-(9^8*(7^6+5+4)^3)^2*1$
-979041942	G	$-9-8-7^*654^3/2-1$	-1056185001	P	$-(9^*(8^*(7^6-5-4)-3))^2*1$
-983010609	P	$-(9^*(8-76+5)^*4+3)^2*1$	-1061456400	P	$-((-9-(8-7))^6*543)^2*1$
-984255905	G	$-9-8^*(7^*(65^4)^3-2)+1$	-1061683210	G	$-9-8^7*(6^5/4^3)^2-1$
-984256026	P	$-(9-8^*(7^*(65^4)^3-2))-1$	-1066724738	G	$(9+8)^*(7-6)^4(-5+4^3)+2+1$
-985394880	P	$-(9+(-8-7^6)^*(5^4+3))^2+1$	-1067589631	G	$(9+8^7+6+5)^4*-32+1$
-987613619	G	$98^*(7-6^5(5+4)-3+2)+1$	-1067589633	G	$(9+8^7+6+5)^4*-32-1$
-988663468	G	$-98-(7^6(6+5)-4+3)/2+1$	-1068375312	P	$-(((9-8+7^6)^5)^4-3)/2-1$
-988663472	G	$-98-(7^6(6+5)+(4+3))/2+1$	-1069516800	G	$9^8*7-6^5(5+4+3)/(2^1)$
-988663490	P	$-(98+(7^6(6+5)+4+3)/2)+1$	-1070336657	P	$-(9+(-8^*(7-6))^5+43)^2-1$
-991059720	P	$-((9-8-7^6*5)^4-3)/2-1$	-1070925625	P	$-((-98/7+6)^5-43)^2*1$
-992434695	G	$(9^*(8+7-6))^5+43^2-1$	-1071383824	P	$-(98^*(7-(-6^5+4^3)))^2*1$
-993868737	G	$-9^8-76^5/4*(-3/2^1)$	-1072169528	P	$9-8^*(7-(-6+5))^4+3)^2-1$
-993928359	G	$(9^8+(7^6*5)^4-3)/(-2^1)$	-1072628001	P	$-(9^*(8^7*65+4-3))^2*1$
-993928362	P	$-((9^8+(7^6*5)^4-3)/(-2^1))$	-1073217610	P	$-(9+(8+((7-6-5))^4)^3)^2-1$
-994519295	P	$9-(876^*(5-4-3))^2+1$	-1073226801	P	$(9^8-7^6)^*(5^4(4-3))^2-1$
-995528704	P	$-((9^8*7+6+5)^4*3)^2*1$	-1073742401	P	$-((-9-8^7(7+6-5))^4+3^2)+1$
-996147208	G	$-9-8^7*(6+5)^4+3+2+1$	-1073762304	P	$((9-8+7)^6+5)^*(4^3)^2*1$
-999634752	G	$-9-8^*(7/65^4-4-32)+1$	-1074003983	G	$-9^*(8/(-7+6))^5+4+3)^2+1$
-999636800	G	$-9-8^7*(6-5^4-32)+1$	-1074003985	G	$-9^*(8/(-7+6))^5+4+3)^2-1$
-1000000017	G	$-9-8-(7-6+5+4)^3(3^2*1)$	-1074266186	P	$-(9+(8+((7+6-5))^4)^3)^2-1$
-1004423489	G	$9^8*7-7/6^5(54/3+2)+1$	-1078531281	P	$-(9+(8/(7-6))^5+4^3)^2*1$
-1005714369	P	$-(9^*(8-76-5)^*4+3)^2*1$	-1079109251	P	$(9^8+7^6)^*(5^4(4-3))^2-1$
-1007107201	G	$-9^8*(7-6^5*4+3)^2-1$	-1082080954	P	$-((-9^8+765^4)^3)^2-1$
-1007999001	P	$-(98^*(76-5)^*4+3)^2*1$	-1082130442	G	$-9-8^7*6^5(54+32)-1$
-1009883556	P	$-(9^8+(7-6^5*4+3)^2)+1$	-1083262884	P	$(9^*(8-7^6)^5)^*(4^4(-3-2)+1)$
-1009883558	P	$-(9^8+(7-6^5*4+3)^2)-1$	-1084055625	P	$-(98^7*(6-54)-3)^2*1$
-1010186700	G	$(9^8+7^6(6+5)-4^3)/(-2^1)$	-1085390950	P	$-(9^*(8-7^6)^5)^*(4^4(-3-2)+1)$
-1010186726	G	$(9^8+7^6(6+5)-4^3)/(-2^1)$	-1086032025	P	$(9+8^7)^6*5^4-4^3(3^2*1)$
-1010186738	G	$(9^8+7^6(6+5)+4^3)/(-2^1)$	-1086294025	G	$-9+8^7-6^5(5+4+3)/(2^1)$
-1010186764	G	$(9^8+7^6(6+5)+4^3)/(-2^1)$	-1086361600	P	$-((9^8*7-6-5)^4)^3)^2*1$
-1011127716	P	$-(9^8+(7+6^5*4+3)^2)+1$	-1087977594	P	$-(9^8-7-6^5(5+4))^*(32+1)$
-1011127718	P	$-(9^8+(7+6^5*4+3)^2)-1$	-1087978056	P	$-(9^8+7-6^5(5+4))^*(32+1)$
-1011240383	G	$9-8^*(7-6^5*4^3)^2(2^1)$	-1088391033	P	$9^*(8+7)+6^5(5+4+3)/(-2^1)$
-1012499952	G	$-9-8^*(7+6^5*4^3)^2+1$	-1088391049	G	$(9+8)^7-6^5(5+4+3)/(2^1)$
-1012957930	G	$(98-(-7+6)^5)^4*3^2-1$	-1088391090	G	$-9+8^7-6^5(5+4+3)/(2^1)$
-1013760383	G	$9-8^*(7+6^5*4^3)^2(2^1)$	-1088391178	G	$-9-8+7-6^5(5+4+3)/(2^1)$
-1014661151	G	$-9^8*(7+6^5*4-3)^2+1$	-1088391182	G	$-98/7-6^5(5+4+3)/(2^1)$
-1016856576	G	$9/(8^7(-7+6-5)/(-432+1))$	-1088391192	G	$-9-8-7-6^5(5+4+3)/(2^1)$
-1018429201	P	$(9+8)/(-7-6^5+43)^2-1$	-1088391247	G	$-9^8-7-6^5(5+4+3)/(2^1)$
-1019215579	G	$(9^8*7-6)^*-54-32+1$	-1088391264	G	$-9-8^7-6^5(5+4+3)/(2^1)$
-1022088645	G	$-9^8-7^*(654^3/2^1)$	-1088391273	G	$-98-7-6^5(5+4+3)/(2^1)$

-1088391287	G	$(-9-8)^*7-6^{(5+4+3)}/(2^*1)$	-1160050608	G	$9+(-8-(7^*(6+5))^4)^*(32+1)$
-1088391303	G	$-9^*(8+7)-6^{(5+4+3)}/(2^*1)$	-1160290722	G	$-98+((-7-6)^*5)^{(4+3-2)+1}$
-1088391854	G	$-98^*7-6^{(5+4+3)}/(2^*1)$	-1161212891	G	$-9^{(87/6-5)+4}(3^*2+1)$
-1088391951	G	$-9^*87-6^{(5+4+3)}/(2^*1)$	-1162257371	P	$-9^{(-87/6+5)+4}(3^*(2^*1))$
-1088392155	G	$-987-6^{(5+4+3)}/(2^*1)$	-1162259955	P	$-(9^*8-76+5^*4)^*3^{(2+1)}$
-1088576545	G	$-9^*8+((7^*-6)^5+4)^*(3^*2-1)$	-1162261276	G	$(-9^*8+7)/(-6+5+4)^{-3+2^*1}$
-1088576572	G	$-9^*8+((7^*6)^5+4+3)^*2-1$	-1162261308	G	$(-9^*(8+7-6)+54)^*3-2-1$
-1088576584	G	$-9^*8-((7^*6)^5+4+3)^*2-1$	-1162261322	P	$-9^{(-87/6+5)+4}(3^*)^{2+1}$
-1089511200	P	$98^*(-(7/((6^5+4)^*3))^{\wedge-2^*1})$	-1162261339	P	$-(9^{(87/6-5)-4^*32})^*1$
-1089744272	P	$-(9-8)+(7^*(6+5))^4*(-32+1)$	-1162261381	P	$-(9^{(87/6-5)-43^*2})^*1$
-1089744288	P	$-(9+8)+(7^*(6+5))^4*(-32+1)$	-1162261530	G	$-9^*(8+(76+5)^4)^*3-2+1$
-1090519044	G	$-9+(8^*7^65^*4-3)^*2-1$	-1162261553	P	$-(9^{(87/6-5)+43^*2})^*1$
-1090519144	G	$(-9-(8^*7^65+4))^*(3^*2-1)$	-1162261595	P	$-(9^{(87/6-5)+4^*32})^*1$
-1092368601	P	$-(9^*(-8-76)^5+4+3)^{2^*1}$	-1162261610	P	$-9^{(-87/6+5)-(4^*3)^{2+1}}$
-1093955619	P	$9^*-((-8-(7+6))^5)^{4+3+2+1}$	-1162261626	G	$(-9^{(8+7-6)-54})^*3+2+1$
-1098103320	P	$-9^*(8-(7^6-6^5(4^*3)))/(2^*1)$	-1162262979	P	$-(9^*8+76-5^*4)^*3^{(2+1)}$
-1098103464	G	$-9^*(8-(7^6-5^{(4^*3)}))/(2^*1)$	-1162265563	P	$-9^{(-87/6+5)-4^4(3^*(2^*1))}$
-1099162161	G	$9^*(8-(7^6+5^{(4^*3)}))/(2^*1)$	-1165438233	P	$-(9^*8+7^6+5+4)^*3^{(2+1)}$
-1099162305	P	$-9^*(8-(7^6+5^{(4^*3)}))/(2^*1)$	-1167247224	P	$-(9/(8+7^*(6-5)^4)/3)^{-2+1}$
-1101994112	G	$-9+(8^*76)/5^*4^*3^*(2^*1)$	-1167452224	P	$-((-9-8+7^*(6+5)^4)/3)^{2^*1}$
-1101996032	P	$(-(-9^*8+7)+6)/5^*4^*3^*(2^*1)$	-1167636089	G	$-9^*8-7^*(65^4/3^{\wedge-2-1})$
-1103101952	G	$(-987-65)^4(3^*2+1)$	-1167636096	G	$-9^*8-7^*65^4/3^{\wedge-2^*1}$
-1103236225	P	$-(9-8^*(7-65^*4^3))^{\wedge 2^*1}$	-1170211189	P	$(9^*8^7+6)^*(-5^*4^*3+2)-1$
-1103501960	P	$-(9^*(8^*7-6^5^4+3))^{\wedge 2+1}$	-1171487528	P	$-(9^*(-8^*7-6^5^4+3))^{\wedge 2+1}$
-1104432289	P	$-(9-8^*(7-65^*4^3))^{\wedge 2^*1}$	-1171875144	G	$(-9-8-7)^*(6+5^{(4+3^*2+1)})$
-1105007872	G	$(9^*8+7^6)/5^*4^*3^*(2^*1)$	-1173131002	P	$-(9^*(-8^*7-6^5^4-3))^{\wedge 2-1}$
-1105097048	P	$-(9^*(8^*7-6^5^4+3))^{\wedge 2+1}$	-1173542048	P	$-(9^*(-8^*7-6^5^4+3))^{\wedge 2+1}$
-1105496002	P	$-(9^*(8^*7-6^5^4-3))^{\wedge 2-1}$	-1174197599	G	$(-9^*8+7^6^5^4)^*32+1$
-1107092528	P	$-(9^*(8^*7-6^*5^4+3))^{\wedge 2+1}$	-1174197601	G	$(-9^*8+7^6^5^4)^*32-1$
-1107265536	G	$-9^*8^7-6^{(5+4+3)}/(2^*1)$	-1175186960	P	$-(9^*(8^*7-6^*5^4+3))^{\wedge 2+1}$
-1107558401	P	$-((-9+8-7)^*65^4)^{\wedge 2-1}$	-1175186961	P	$-(9^*(8^*7-6^*5^4+3))^{\wedge 2^*1}$
-1107824656	P	$-((-9+8^*7+6)^*(5^4-3))^{\wedge 2^*1}$	-1176478744	G	$((9-8^*7^6)^*5^4+3)^*2^*1$
-1109016707	P	$98^*-((7-65)^{4+3-2})-1$	-1176478756	G	$((9-8^*7^6)^*5^4-3)^*2^*1$
-1110688929	P	$-(9-8^*(7-65^*4^3))^{\wedge 2^*1}$	-1176489977	G	$(9-8^*7^6^5^4+3)^*2-1$
-1113281250	P	$(9^*8+7^6)^*(5^4+3^*2)^*1$	-1176489989	P	$-(9-8^*7^6^5^4+3)^*2-1$
-1116829561	P	$-(9^*(8^*7+6+5^4)^3))^{\wedge-2^*1}$	-1176489996	G	$9-(8/7^{\wedge-6^5^4+3})^*2+1$
-1118905017	G	$-9+8^*(7-65^4/3/2-1)$	-1176490013	G	$(-9-8^*7^6^5^4+3)^*2-1$
-1118905120	G	$-9-8^*(7+65^4/3/2)+1$	-1182106881	P	$(9^*(8+7)-6-5)^4*(-3+2)-1$
-1119212770	P	$(-9^*8+76)^*(-(5+4)^{(3/2)+1})$	-1184481793	G	$(9-(87^*(6-5)))^4-32-1$
-1124897066	P	$-(9-(8-(7^*(6+5))^4)^3)^2-1$	-1185408024	G	$-9+(-8-(7^6+5^4)^3)^*2+1$
-1124897330	P	$-(9+8+(7^*(6+5))^4)^3)^2-1$	-1186733601	P	$-(9^*8^7*(-6-5)^4+3)^2^*1$
-1124897578	P	$-(9+(8+(7^*(6+5))^4)^3)^2-1$	-1188837328	G	$(9^*8-7^6^5^4)^*(4-32)^*1$
-1125127746	G	$-9^*8-(765^*43)^{\wedge 2^*1}$	-1197460282	G	$-9^*8+7^*((-6-5)^4)^{(3+2)+1}$
-1125938025	P	$-(987^*(6^5+4)-3)^{\wedge 2^*1}$	-1197460288	G	$-9^*8+7^*((-6-5)^4)^{(3+2)+1}$
-1126170634	G	$-9+8^*7^*(6-543)-2+1$	-1202008900	P	$-(9-8^*7^*(6-5^4+3))^{\wedge 2^*1}$
-1128701569	G	$-9-8^*7^*(6^{(5+4)-3})^*2-1$	-1203337338	G	$-9^*8+7-65^{(4+3-2)+1}$
-1128701626	G	$-9-8^*7^*(6^{(5+4)-3})^*2-1$	-1203337340	G	$-9^*8+7-65^{(4+3-2)-1}$
-1128701954	P	$-9+(8^*7^*6^{(-5-4)+3})^*2+1$	-1205307926	P	$-(9^*8^7-65)^4+3-2+1$
-1128701966	P	$-9-(8^*7^*6^{(-5-4)+3})^*2+1$	-1205307927	P	$-(9^*8^7-65)^4+3-2^*1$
-1128701992	P	$9-8^*(7^*6^{(-5-4)+3})^*2-1$	-1205308125	G	$9^*(8-7^*(6^*(5+4)^3))^{\wedge 2-1}$
-1128702289	P	$-9-8^*(7^*(6^{(-5-4)+3})^*2-1)$	-1205308145	P	$-(9^*8^7-6-5)^4-3+2^*1$
-1128702298	P	$-9-8^*7^*(6^{(-5-4)+3})^*2-1$	-1205308146	P	$-(9^*8^7-6-5)^4-3+2-1$
-1132594109	P	$-(9^*8+(7^{\wedge-6}/(5+4))^{\wedge(-3/2)+1})$	-1211720697	P	$-(9+8^7*(6^*(5^4+3))^{\wedge 2})^*1$
-1132594110	P	$-(9^*8+(7^{\wedge-6}/(5+4))^{\wedge(-3/2)})^*1$	-1215149882	P	$-(9/(-8^*7^6-(5-4))^3)^{\wedge-2-1}$
-1132793649	P	$-(9-(8^*-7-6)^*-543)^{\wedge 2^*1}$	-1220524096	P	$-(9/(8-(7+65^4)^3))^{\wedge-2^*1}$
-1134005625	P	$-(9+(8^*-7-6)^*-543)^{\wedge 2^*1}$	-1220703369	P	$-9^{(-(-8-7)/6)-5^{(4+3^*2)-1}}$
-1138860009	P	$-(9^*(-8+7)^*6^5+4+3)^{\wedge 2^*1}$	-1221703124	P	$-(9+8-7)^6-5^{(4+3^*2)+1}$
-1142760548	G	$(-9-8)^7-6^5(4^*3)/(2^*1)$	-1221779048	G	$(9^*8+7^6^5^4)^*(4-32)^*1$
-1146228743	P	$-((-9-8)^*7-65)^4-3^*2-1$	-1224440058	P	$-9+(8-(7+6+5)^{\wedge(-4-3)})^*2-1$
-1148190729	G	$-9-876^5+4^{\wedge(3^*2^*1)}$	-1224790008	P	$-((-98+7^*6)^*5^4+3)^2+1$
-1151336436	G	$9-8^*7^*(6+543)+2+1$	-1225210008	P	$-((-98+7^*6)^*5^4+3)^2+1$
-1151336458	G	$-9-8^*7^*(6+543)-2+1$	-1226571776	G	$-9^*8^7^6+5^4+4^{\wedge(3^*2^*1)}$
-1151341392	G	$(-9-8^*7)^*(6+543)-(2+1)$	-1226833534	G	$-9^*(8^*7^6-5-43)-(2-1)$
-1152960210	G	$-9-8^*7^6(5^*(4+3))^{\wedge 2-1}$	-1227096064	G	$-9^*8^7^6+5^4-4^{\wedge(3^*2^*1)}$
-1152971224	P	$(9-8^*-7^6)^*(-5^*(4+3))^{\wedge 2+1}$	-1228432402	P	$-((-987-6^5)^*4+3)^{\wedge 2-1}$
-1154413576	P	$-(9-8)-7^*((6+5)^4)^{(3+2)+1}$	-1231308099	P	$-(98+(7+6+5)^4/3)^{\wedge 2+1}$
-1154413592	P	$-(9+8)-7^*((6+5)^4)^{(3+2)+1}$	-1231308101	P	$-(98+(7+6+5)^4/3)^{\wedge 2-1}$
-1155530762	G	$-9-8^*7^*(6+543+2)-1$	-1248208900	P	$-(9-8^*7^*(6+5^4+3))^{\wedge 2^*1}$
-1155575806	P	$(9^*8)^{\wedge(-7-6+5)^*-43-(2^*1)}$	-1250020471	G	$(-9-8)^*(7^6+5^4-3^*2)+1$
-1155575810	P	$(9^*8)^{\wedge(-7-6+5)^*-43-2^*1}$	-1250020473	G	$(-9-8)^*(7^6+5^4-3^*2)-1$

-1250020618	G	$(-9-8)^*7^6/5^4-4-3^*-2+1$	-1358954460	G	$(-9^*8^7(7+6-5)+4)/(3^4-2^*1)$
-1250020709	G	$(-9-8)^*(7^6*5^4+3+2)+1$	-1358954820	P	$-9^*(-8^-(-(7+6)+5)-4)/(3^4-2^*1)$
-1250020711	G	$(-9-8)^*(7^6*5^4+3+2)-1$	-1359175689	P	$-(-9^*(8-76^*54)+3)^2*1$
-1250020777	G	$(-9-8)^*(7^6*5^4+3^2)+1$	-13595443384	P	$-((-9-8+76)/5^4-4-3)^2*1$
-1250020779	G	$(-9-8)^*(7^6*5^4+3^2)-1$	-1363115569	P	$-(9^*(8+7)+6+5)^4*3-2+1$
-1258546576	P	$-(98^*(-7^*6-5^*4^3))^2*1$	-1363115571	P	$-(9^*(8+7)+6+5)^4*3-2-1$
-1261249110	P	$-((9+8)^7+6^4(5+4))^3-2-1$	-1363148751	G	$9+(8^7*65+4)^*(3^2+1)$
-1263749769	G	$-9^8+76-5^4(4+3^2)+1$	-1363673089	P	$9^*8^7*-(6/(54-3))^4-2-1$
-1263749889	G	$-9^8-7^*6-5^4(4+3^2)-1$	-1365240090	G	$(-9+8^7)^*(-654+3)+2+1$
-1263867496	P	$-(9^8+7^6)-5^4(4+3^2)-1$	-1369370025	P	$-(-9^*(8+76^*54)+3)^2*1$
-1265472503	P	$9^*8^*- (7-(-65^4)^3)-(-2+1)$	-1371531514	G	$(9-8^7)^*654+3^2-1$
-1266666116	G	$(-9^*8+7)^*(6+5)^4(4+3)-2+1$	-1371543286	G	$(-9-8^7)^*654+3^2-1$
-1266666118	G	$(-9^*8+7)^*(6+5)^4(4+3)-2-1$	-1371591225	P	$-(9876^*5/4^3)^2*1$
-1267842186	G	$(9^8-(7^6*5^4)/3^*(2^*1))$	-1372257720	G	$-9^*8^*(7^6*5^4*3-2-1)$
-1270423453	G	$-9/(-8^*(7+6)-5)^4-(3+2)+1$	-1372257864	G	$-9^*8^*(7^6*5^4*3-2+1)$
-1277919505	P	$-(9^*(8^7*6-5^4)*4^3)^2-1$	-1372258008	G	$-9^*8^*(7^6*5^4*3-2-1)$
-1285244970	P	$9^*(8^*-((-7-6)^5)^4+3)+2+1$	-1372258152	G	$-9^*8^*(7^6*5^4*3+2+1)$
-1289286069	G	$(9^8+76^5+43)/-2+1$	-1372850704	P	$-((-9-8-7^6)^*(5^4+3))^2*1$
-1289286071	G	$(9^8+76^5+43)/-2-1$	-1373730144	P	$-((9^8-7^6)/4^4-3^*(2^*1))$
-1289520012	G	$(9^8-7^6(6+5)+4)/3^*(2^*1)$	-1374199262	P	$-(9+((8^7+6)^5+4)^3/2)+1$
-1289944945	G	$(9^*8)^7*6^4-5+(4^3)^2-1$	-1375753248	G	$(9^8-7^6*5^4)/(-4^4-3^*(2^*1))$
-1289945125	G	$(9^*8)^7*6^4-5-4^3*2-1$	-1377470592	G	$(-9^8+765)/(4^4-3^*(2^*1))$
-1291401421	P	$(-9^8+7)^*(-6-(5+4-3)^2)-1$	-1377488352	G	$(9^8-7^6*5^4)/(-4^4-3^*(2^*1))$
-1292043025	P	$-((9^*-8-7)^*65^4(-4-3))^2*1$	-1377493344	P	$-(9^8*7(6-5)^4)^*(32^*1)$
-1296539929	G	$9^*8+(7^6*5^4)/-3^2-1$	-1377496800	P	$-(9^8*7(6-5)+54)^*(32^*1)$
-1296540024	G	$-9+(-8-(7^6*5^4)/3)^2+1$	-1377497152	P	$(9^8+(7+6)^5)/(-4^4-3^*(2^*1))$
-1297944729	P	$-(9-8^7*6^4(5+4^3))^2*1$	-1377501792	G	$(9^8+7^6*5^4)/(-4^4-3^*(2^*1))$
-1298137101	G	$-9+8^7*6(5+4)-(3+2)-1$	-1377515073	P	$-(9^8+((7-6)^5)^4)^3*2-1$
-1298137107	P	$-(9-8^7*6(5+4))-3^2-1$	-1377519552	G	$(9^8+765)/(-4^4-3^*(2^*1))$
-1298142649	P	$(-9-8^7)^*(-6-5^4)+3^2+1$	-1377828852	G	$9-8^7*(654+3)+2+1$
-1301477776	P	$-(9/(8^7*6)/(5^4-3))^4-2^*1$	-1377828874	G	$-9-8^7*(654+3)-2+1$
-1302331368	G	$9^*(-8^7*(65+4)+3)-(2+1)$	-1378032896	P	$-(9^8+7^6(6-5+4))^*(32^*1)$
-1304428552	G	$-9-8^7*(654-32)+1$	-1379236896	G	$(9^8+7^6*5^4)/(-4^4-3^*(2^*1))$
-1306912338	P	$-(9+8)+(7^6)^5*(4+3^2)-1$	-1381260000	G	$(9^8+7^6*5^4)/(-4^4-3^*(2^*1))$
-1310716228	G	$-9+(-8^7+6)^5*4+3^2-1$	-1382023178	G	$-9-8^7*(654+3)-2-1$
-1310718115	G	$(-9+8^7+6)^5*5^4+3^2+1$	-1383552241	G	$-98^7*6^5*4^3*2-1$
-1310720001	P	$-(98-7-6-5)^4*3^2-1$	-1384120330	P	$-(9+8^7*(654+3^2))-1$
-1310729368	G	$(-9-8^7-6)^5*4+3^2+1$	-1386817600	P	$-(98^7*6^5/(4-3))^2*1$
-1310729383	P	$-((-9-8^7)+6)^5*4-3^2+1$	-1387487974	P	$-(9+8-7^6*5^4)+3^2(2+1)$
-1310809376	G	$-9+8+(-76^5+4^3)/2+1$	-1387487996	P	$-(9+8-7^6*5^4)+3^2-1$
-1310809440	G	$-9^8+(-76^5-4^3)/2+1$	-1388503997	G	$(9^*-8-7)^*(65^4)^3+2+1$
-1311960841	P	$-(9/(8^7*(-6^5*4+3)))^4-2^*1$	-1389376319	P	$-(9^8-(-(7+6)^5+4))^3*2+1$
-1323297223	G	$(9-8^7)^*(6+5^4)+3^2+1$	-1389903624	P	$(9^8+(7^6)^5)/(-4/32^*1)$
-1323302925	G	$-9-8^7*(6+5^4)-(3+2)+1$	-1396319039	P	$-(9^8+7^6*5^4)^3*2+1$
-1323302931	G	$-9-8^7*(6+5^4)-3^2-1$	-1396319041	P	$-(9^8+7^6*5^4)^3*2-1$
-1323302954	P	$-(9+8^7*(6+5^4)+3^2)-1$	-1396367424	P	$-(9^*8^*(7^6*5^4+3))^2*1$
-1323461244	G	$(9^*(8-7^6)^5*4+3)^2*1$	-1398161665	P	$-((9+(8-(7+6))^5)^4*3)^2-1$
-1323461256	G	$(9^*(8-7^6)^5*4-3)^2*1$	-1401079761	P	$-(9^*(8-7-65^4*3))^2*1$
-1325237814	G	$(9^8+(7^6*5^4)/-3^*(2^*1))$	-1405575080	G	$-9^*((8-(7+6))^5*4+3)^2+1$
-1325904230	G	$98^7*6^5*((-54-3)^2-1)$	-1405575082	G	$-9^*((8-(7+6))^5*4+3)^2-1$
-1326151876	G	$(98-(7^6*5^4))^4*3-2+1$	-1406250008	G	$-9-((8-(7+6))^5*4^3)^2+1$
-1326151878	G	$(98-(7^6*5^4))^4*3-2-1$	-1406925080	G	$-9/((8-7-6)^5*4-3)^4-2+1$
-1326707776	P	$-(9/(8^7*6)/(5^4+3))^4-2^*1$	-1406925082	G	$-9/((8-7-6)^5*4-3)^4-2-1$
-1327618920	P	$-((9+8+7^6*5^4)-3)/2-1$	-1410528249	P	$-(9^*(-8^7*(6-54)-3))^2*1$
-1339847867	P	$98^7*6^5-(6+5^4(4-(-3-2)))^4-1$	-1411377983	G	$(-9^8-7^6*5^4(5+4))^3*2+1$
-1340438544	P	$-(9-8^7*654+3)^2*1$	-1411377985	G	$(-9^8-7^6*5^4(5+4))^3*2-1$
-1343612159	G	$(-9^8+7^6*5^4(5+4))^3*2+1$	-1411806100	P	$-(9+8+7)^6-5^4(4+3^2)+1$
-1343612161	G	$(-9^8+7^6*5^4(5+4))^3*2-1$	-1411823523	G	$(9+87/6^5)^4*3-3^2-1$
-1343999988	G	$-9+(-8-(7+6))^*(5^4)^3(3^2)-1$	-1412331561	P	$-(9^*8^7*-(6-54)-3)^2*1$
-1346915640	P	$-((-9+8+7^6(6+5))^4)/3^*(2^*1)$	-1414361665	P	$-((9+(-8+7+6)^5)^4*3)^2-1$
-1349959042	P	$-9^8+(7^6)^5*(4+3^2)-1$	-1415941641	P	$-(98^*(76^5+4)-3)^2*1$
-1349959081	G	$-9^8+((7^6)^5+4)^*(-3^2-1)$	-1416468486	P	$-(9^*(8+7+6)+5)^4+3^2+1$
-1353872025	P	$-(9^*(8-(7+6-5)^4)+3)^2*1$	-1416468500	P	$-((9^*(8+7+6)+5)^4+3)^2+1$
-1355316351	P	$-(9^8*7^6*5^4)^3*2+1$	-1416468504	P	$-(9^*(8+7+6)+5)^4-3^2+1$
-1355316353	P	$-(9^8*7^6*5^4)^3*2-1$	-1420543575	P	$-(9^8*7(6-5)+54)^*(32+1)$
-1355316607	P	$-(9^8*7^6*5^4)^3*2+1$	-1423082305	G	$98^7*(7^6-6)^5/(4-(-3-2))-1$
-1355316609	P	$-(9^8*7^6*5^4)^3*2-1$	-1423966207	G	$(9-8+7)^6*5-5432+1$
-1356301585	P	$-(9^*(8^7*6-5)^4*3)^2-1$	-1423966209	G	$(9-8+7)^6*5-5432-1$
-1356964569	P	$-(9^*(8-(76^5+4-3)))^2*1$	-1431865600	P	$-((-9-(876-5))^4*3)^2*1$
-1357996201	P	$-(98^*(76^5+4)-3)^2*1$	-1439747136	P	$-(9^*(-8^7*65^4*3))^2*1$

-1444000001	P	$(9+8-7)^6 * (-5-43)^2 - 1$	-1546691584	P	$-(9+8+7+(6*5+4)^3)^2 * 1$
-1445312500	P	$(9*8+76)^5 - 5^4(4-(-3+2)-1)$	-1547556921	P	$-(9* (-(-87+6)*54-3))^2 * 1$
-1445312648	G	$(9*-8-76)^5 * (5^4(4*3-2)+1)$	-1549445769	P	$-(9* (-87+6)*54+3)^2 * 1$
-1445969371	P	$9*8^7-6*-(-5^4(4*3)+2)-1$	-1551335769	P	$-(9* (-876*5+4)-3)^2 * 1$
-1445969395	G	$9*8^7-6*(5^4(4*3)+2)-1$	-1552517604	P	$-((-9+(-8-(7+6))^5 * 4)^3)^2 * 1$
-1446789631	G	$(9-8+76+5)^4 * -32+1$	-1553003861	G	$-9-87*(65^4-3*2)+1$
-1446789633	G	$(9-8+76+5)^4 * -32-1$	-1553003950	P	$-9-87*(-(-65^4+3+2)-1$
-1448511496	G	$-9+(8*(7-65))^4 / -32+1$	-1553004124	G	$-9-87*(65^4-3)-2+1$
-1458274114	G	$-9-((8+(7+6))^5 * 54)^3 - 2+1$	-1553004298	P	$-9-87*(-(-65^4+3)+2)-1$
-1462746594	P	$-9+8^7-6*-(-5^4(4*3)+2)+1$	-1553004472	G	$-9-87*((65^4+3)-2)-1$
-1462746618	G	$-9+8^7-6*(5^4(4*3)+2)+1$	-1553004820	G	$-9-87*(65^4+3+2)-1$
-1464843233	P	$9*8^7-6*-(-5^4(4*3)+2)+1$	-1553004905	G	$-9-87*(65^4+3*2)+1$
-1464843257	G	$9*8^7-6*(5^4(4*3)+2)+1$	-1553936400	P	$-(9*876*5/(4-3))^2 * 1$
-1464843602	P	$-(-9*(8-7)+6*(5^4(4*3)-2))+1$	-1554330625	P	$-((-9+8-(7^6+5^4))/3)^2 * 1$
-1464843787	P	$-(-9+8+7)^5 - (6+5^4(4*3))-2+1$	-1556539209	P	$-(9*(876*5+4)-3)^2 * 1$
-1464843886	P	$-(-9*(8-7)+6*5^4(4*3))-2+1$	-1558670400	P	$-(987*6*5^4/3)^2 * 1$
-1470103561	G	$-9-8^7*((6+5)^4 * 3-2)-1$	-1562146675	P	$-(98+(7^6-5^4(4+3))^2)-1$
-1474560000	P	$(9-8+7)^6 * (-5^4 * 3^2 * 1)$	-1562225624	P	$-(9-8+7^6-5^4(4+3))^2 + 1$
-1474560001	G	$(9-8+7)^6 * 5^4 / -3^2 - 2-1$	-1562225626	P	$-(9-8+7^6-5^4(4+3))^2 - 1$
-1475558570	P	$-(-9*8+7-65)^4 * 4+3)^2 - 1$	-1563490680	P	$-(9+8+7^6-5^4(4+3))^2 + 1$
-1477526538	G	$-9+(8*(7-6*5^4))^3 * 2-1$	-1563490682	P	$-(9+8+7^6-5^4(4+3))^2 - 1$
-1479531734	G	$9-87/((6*54)^3 * 2)+1$	-1563862849	G	$-9^8+(7+6)^5 * (-4^3 * 2 * 1)$
-1482424329	G	$-9-87*65^4 * 4^3 * 2 * 1$	-1564234142	G	$-9^8+(7+6)^5 * (-4^3 * 2 * 1)$
-1494677811	G	$-(-9*(8-7+6)^5 * 4+3) / (2 * 1)$	-1568294818	G	$-9+(-8-(7^6 * 5^4))^3 * 2+1$
-1498729841	G	$-(-9-8)^7 + 6^4(5+4+3) / (-2 * 1)$	-1569902885	P	$-(98+7^6-5^4(4+3))^2 - 1$
-1499897302	P	$-(-9-8)^7 * ((6+5)^4 - 3)^2 - 1$	-1571906260	G	$-9-(8+7)^6 * (5+4^3) * 2-1$
-1499897318	P	$-(-9+8)^7 * ((6+5)^4 - 3)^2 - 1$	-1579506049	P	$-(9*8+7^6-54^3)^2 * 1$
-1499897326	P	$-(-9+8)^7 * (-((6+5)^4 + 3))^2 - 1$	-1580792543	G	$(9^8+7^6 * 5^4) * -32+1$
-1500632644	P	$-(-9-(8*7+6)^5 * 4^3 - 3)^2 * 1$	-1580792545	G	$(9^8+7^6 * 5^4) * -32-1$
-1501127160	P	$-(-9-8)^7 * (-((6+5)^4 + 3))^2 - 1$	-1586588224	P	$-(9+8-7^6+54^3)^2 * 1$
-1501127170	P	$-(-9+8)^7 * (-((6+5)^4 + 3))^2 - 1$	-1593047568	P	$-(98-7^6+54^3)^2 + 1$
-1501127176	P	$-(-9+8)^7 * (-((6+5)^4 + 3))^2 - 1$	-1593047570	P	$-(98-7^6+54^3)^2 - 1$
-1502027536	P	$-(-9-(8*7+6)^5 * 4^3 - 3)^2 * 1$	-1600000004	P	$-((9*(8+7)+65)^4 + 3 + 2) + 1$
-1506636855	P	$-(-9^8 * 7^6 * 5^4) * (3 * 2 - 1)$	-1604321289	G	$-9-8^7 * 65^4 * 4^3 * 2 * 1$
-1507142010	G	$-9+(8*7^6 * 65 / -4)^3 * 2 - 1$	-1604321790	P	$(9/8^7 - 7 + 6)^5 - (54 + 32 - 1)$
-1507890451	P	$-9^8+7-6*-(-5^4(4*3)+2)+1$	-1605193298	G	$-9^8-(7^6-5^4(4+3))^2 - 1$
-1507890466	P	$-(-9^8+7)^6 * (5^4(4*3)-(2*1))$	-1624406599	P	$-(98+7)^5 - (-65^4+3)+2+1$
-1507890476	G	$-9^8+7-6*(5^4(4*3)+2*1)$	-1626371136	G	$9*(-8^7+6+5)/4^4 - 3 * (2+1)$
-1507890489	G	$-9^8-7-6*(5^4(4*3)+2)+1$	-1626378816	G	$(9*8/7^6-6-5)/-4^4 - 3 * (2+1)$
-1510099599	P	$-9/((-8-7)^5 * (6^5-4)^3)^2 - 2+1$	-1626380736	G	$(9*8^7+6+5)/-4^4 - 3 * (2+1)$
-1510099600	P	$-9/((-8-7)^5 * (6^5-4)^3)^2 - 2*1$	-1626388416	P	$9*(8^7+6+5)/4^4 - 3 * (2+1)$
-1510255044	P	$-(-9*(8^7+6/(5+4)^3))^2 * 1$	-1626448896	G	$9*8^7(7^6+5)/-4^4 - 3 * (2+1)$
-1512009865	P	$-(-9^8-7/65^4)/3^2 - 2-1$	-1641323580	P	$-((9+8)^7 - 6^5) * 4 + 3^2 - 1$
-1513210000	G	$-9/((8+7)^5 * (6^5+4)^3)^2 - 2*1$	-1641354424	P	$-(-9+8)^7 + 6^5 * 4 + 3^2 - 1$
-1516240906	G	$-9+(8^7 * (6-(5+4)^3)-2)+1$	-1641354726	G	$((9+8)^7 + 6+5)^5 - 4 + 3^2 + 1$
-1520816123	P	$-(-9+(8*(7+6))^5 / 4 - 3) / 2 - 1$	-1641354944	P	$-((9+8)^7 + 65)^5 * 4 + 3^2 - 1$
-1521624163	P	$-(-9+(7^6-5^4)/3)^2 - 1$	-1641385788	P	$-((9+8)^7 + 6^5) * 4 + 3^2 - 1$
-1521936144	P	$-9*8^7 * (-7/6+543)^2 * 1$	-1643943840	G	$-(9+8+76+5)^4 * -3+2+1$
-1529111834	G	$-9-87*((65^4)^3 - 2)+1$	-1643943842	G	$(9*8+76+5)^4 * -3+2-1$
-1529301574	P	$9*87 * (-6+5^4(4-(-3-2))) - 1$	-1643943844	G	$(9+8)/(-7^6-5-4)^3 - 3-2+1$
-1531156900	P	$-(-98/7^6 * 65^4)^2 * 1$	-1643943846	G	$(9+8)/(-7^6-5-4)^3 - 3-2-1$
-1534837329	P	$-((-98+7^6-5^4)/3)^2 * 1$	-1647323146	P	$-9-((-8-76^5)^4)^3 / 2 - 1$
-1536953608	P	$-(-9*(87-65))^4 + 3^2 - 1$	-1651641359	G	$-9-((8+7)^6 + 5)^5 * ((4*3)^2 + 1)$
-1536953626	P	$-(-9*(87-65))^4 - 3^2 - 1$	-1652195313	G	$((98-7^6)^5 - 4)^3 * 3 + 2 + 1$
-1537502521	P	$-((-9-(-9-(8-7^6)+5)+4)/3)^2 * 1$	-1652991168	G	$-9^8+76/5^4 * 3^3 * (2+1)$
-1537734345	P	$9*((-8+7)^6 / (6+5-4)+3)^2 + 1$	-1652994048	P	$-((-9^8+7)+6)/5^4 * 4^3 * (2+1)$
-1537737796	P	$-9/(8-7^6-5+4)/3^2 - 2*1$	-1657511808	G	$(9^8+7^6)/5^4 * 4^3 * (-2-1)$
-1537973089	P	$-((-9-(-9+8-7^6)+5)+4)/3)^2 * 1$	-1660236643	P	$-(9+8)^7 * (-(-6-5^4)^3 + 2) + 1$
-1538365285	P	$-9/(8+7^6+5+4)/3^2 - 2-1$	-1661703696	P	$-((-9-87^5 * (-6-5))^4 * 3)^2 * 1$
-1539542169	P	$-9/((-8-(7^6+54))^3)^2 - 2*1$	-1666272400	P	$-((9+8)^5 * (7^6-6-5))^4 + 3)^2 * 1$
-1539777600	P	$-((-9-(8+7^6+54))/3)^2 * 1$	-1671010884	P	$-((9*8-7^6-6^5)/4^3)^2 * 1$
-1540248516	P	$-9-(-8-(7^6+54))/3)^2 * 1$	-1674528240	P	$-((9-8*7^6)/5^4+3)^2 + 1$
-1540327009	P	$-((9*8+7^6+5^4)/3)^2 * 1$	-1674528242	P	$-((9-8*7^6)/5^4+3)^2 - 1$
-1540484001	P	$-(-98+7^6/(5-4))/3)^2 * 1$	-1689456609	P	$-(9*(8-(7^6-54-3)))^2 * 1$
-1540719504	P	$-((-98-(7^6+5+4))/3)^2 * 1$	-1690350321	G	$-9*8-(76^5-4)/3^2 - 1$
-1541897289	P	$-((-98-(7^6+54))/3)^2 * 1$	-1690350345	G	$-98-((76^5-4)/3^2 - 1)$
-1542944028	P	$-9^8+7^6 - ((6+5)^4 - 3)^2 + 1$	-1691923689	P	$-(-9*(8-7^6+54)+3)^2 * 1$
-1542944036	P	$-9^8+7^6 - ((-6-5)^4 - 3)^2 - 1$	-1692664164	P	$-(9-87^5 * (-6-5)^5 * -43)^2 * 1$
-1544173872	P	$-9^8+7^6 - ((6+5)^4 + 3)^2 + 1$	-1693052826	G	$-9-8^7 * (6^5(5+4)^3 - 2) - 1$
-1544173880	P	$-9^8+7^6 - ((6+5)^4 + 3)^2 - 1$	-1694392569	P	$-(98*7^6 - (6+54)-3)^2 * 1$

-1699981568	P	$-(9^8+7+6^6(5+4))^*(32^*1)$	-1805230144	P	$-(9+(-8+76)/-5^4+4+3)^{2*1}$
-1703047753	P	$-(9^*8+(76^*543)^2)-1$	-1806760036	P	$-(9+(-8+76)/5^4-4-3)^{2*1}$
-1703283321	P	$-9^8+7^*-((-6+5^4)^3-2)-1$	-1807270144	P	$-(9+(-8+76)/5^4-4+3)^{2*1}$
-1703283349	P	$-9^8+7^*(-(-6+5^4)^3-2)-1$	-1807960338	P	$-(9^8*7-6^*54)^*(3^*2^*1)$
-1703283355	G	$-9^8-7^*((-6+5^4)^3-(-2-1))$	-1807961554	P	$9^8*(-7^*6+(5+4)^-(3+2))-1$
-1703295441	P	$-(-9^*(8+7^*654)+3)^{2*1}$	-1807962246	P	$-(9^8*7-6^4(5-4))^*(3^*2^*1)$
-1705772601	P	$-(9^*(8-(-7^*654-3)))^{2*1}$	-1807962280	G	$9^8*((7-6)^5-43)+2^*1$
-1706516100	P	$-(9^*8*765/4^3)^{2*1}$	-1807962318	P	$-(9^8*7+6^4(5-4))^*(3^*2^*1)$
-1708984392	P	$-9^*8-7^*(-(6-5^4(4^3)+2))-1$	-1807963012	P	$9^8*(-7^*6-(5+4)^-(3+2))-1$
-1708984446	P	$-98-7^*(-(6-(5^4(4^3)+2)))-1$	-1807964226	P	$-(9^8*7+6^*54)^*(3^*2^*1)$
-1708984476	P	$-9^*8-7^*(-(6+5^4(4^3)+2))-1$	-1822499880	P	$-(9+((8+7)^6*5-4)^3)+1$
-1708984504	G	$-9^*8-7^*(6+5^4(4^3)+2)-1$	-1826674490	G	$-9^8+7^*((6-54)^4(3+2)+1)$
-1708984530	G	$-98-7^*(6+5^4(4^3)+2)-1$	-1826674498	G	$-9^8+7^*(6-54)^4(3+2)-1$
-1709645697	G	$-9^8-(7^*6^5/4^3)^{2*1}$	-1829674943	G	$9^*(8-7^6*54)^{32}+1$
-1709645698	G	$-9^8-(7^*6^5/4^3)^{2*1}$	-1829674945	G	$9^*(8-7^6*54)^{32}-1$
-1713659709	P	$(-9-87)^*(-(65^4+3)+2+1)$	-1829679551	G	$-9^*(8+7^6*54)^{32}+1$
-1714168418	P	$-9-8^*(7+(-6+5)^4+3)^2)-1$	-1829679553	G	$-9^*(8+7^6*54)^{32}-1$
-1725405444	P	$-((9-87^*(-6-5))^43)^{2*1}$	-1830997232	P	$-(9-((-8-7)^*65+4)^3)^2)-1$
-1728515626	G	$(-9-876)^*5^4(4+3+2)-1$	-1834140677	G	$((-98+7)^6)^5(5+4)-3)^2+1$
-1735558057	G	$-9^8+7^6(6-5^4(4^3))^*1$	-1836660106	G	$(9^*(-8+7)^*6)^5*4-(3^4+2+1)$
-1739220911	G	$(9-(87+6)^5)/4+3^2+1$	-1838265643	P	$-(9+8)-7^*(6-(5-4))^4(3^2)-1$
-1742032738	P	$-9^8+(7^*6)^5*(4+3^2)-1$	-1849946121	P	$-((9+8-76)/(5+4)^-3)^{2*1}$
-1746094545	G	$-9^8-(76^*543)^{2*1}$	-1856265922	G	$98^*-7^6*(54^3-2+1)$
-1747496106	P	$-(9^8*7+6^4(5+4))^*(3^*2^*1)$	-1860867001	P	$-((9^*(8+7/6)^*5^4)^3+2)+1$
-1749360556	G	$98^*(7-65^4)+3^2-1$	-1867795230	G	$-98^*(7^6*54^3-2-1)$
-1749361254	G	$-98^*((-7-6)^5)^4-(3+2)+1$	-1867795426	G	$-98^*(7^6*54^3-2+1)$
-1749361928	G	$-98^*(7+65^4)^3+2-1$	-1867795522	G	$98^*-7^6*54^3+2^*1$
-1751338801	P	$-(98^*7^*(65-4)-3)^{2*1}$	-1867795525	P	$-(98^*7^*(6+5+3))^2-1$
-1752031039	P	$-(9^8-7^*(6-5^4(4^3)+2))+1$	-1868428458	P	$-(9^8*7+6^4(5+4))^*(3^*2^*1)$
-1752031040	P	$-(9^8-7^*(6-5^4(4^3)+2))^*1$	-1869154314	G	$-9+((-8-76^*5)^4)^3/2-1$
-1752031068	P	$-(9^8-7^*(6-5^4(4^3)-2))^*1$	-1870768417	G	$(9+87)^*(-6-5)^4(4+3)-2+1$
-1752031069	P	$-(9^8-7^*(6-5^4(4^3)-2))^*1$	-1870768419	G	$(9+87)^*(-6-5)^4(4+3)-2-1$
-1752031124	G	$-9^8-7^*(6+5^4(4^3)-2)^*1$	-1872723968	P	$-9^8+7^*(6^5)^4-(4^3+2)+1$
-1752031125	G	$-9^8-7^*(6+5^4(4^3)-2)-1$	-1874315307	P	$(-98-7)^*(-(65^4+3)+2+1)$
-1752031139	G	$-9^8-7^*(6+5^4(4^3))-2+1$	-1875182412	P	$-(9+8)^7-6^*(-5^4(4^3)+2)-1$
-1752031141	G	$-9^8-7^*(6+5^4(4^3))-2-1$	-1875182436	P	$-(9+8)^7-6^*(5^4(4^3)+2)-1$
-1752031151	G	$-9^8-7^*(6+5^4(4^3)+2)+1$	-1881312346	G	$-9^8-(7^*(6-(5-4)))^4(3^2)^*1$
-1752031152	G	$-9^8-7^*(6+5^4(4^3)+2)^*1$	-1881312347	G	$-9^8-(7^*(6-(5-4)))^4(3^2)-1$
-1753105530	P	$-(9^8-7+6^4(5+4))^*(32+1)$	-1882384072	P	$-9^8+7^6/(5^4)^-3^*(2^*1)$
-1753105992	P	$-(9^8+7+6^4(5+4))^*(32+1)$	-1882384098	P	$-98+7^6/(5^4)^-3^*(2^*1)$
-1753519106	P	$-(9+(87^*6^4(5+4)-3)^2)+1$	-1885730625	P	$-(987^*(6-5)^4+3)^2+1$
-1755903986	G	$9+(8+(76^*-5^4)^3)/2+1$	-1904684570	P	$-(9-8^*(7^*(-6^*54)^3-2))-1$
-1755903994	G	$9-(8-(76^*-5^4)^3)/2+1$	-1908029756	P	$-(9-8-7^*6^5)^4+3^2-1$
-1755904018	P	$-(959+04018)^*(76^*5^4)^3/2-1$	-1916014644	G	$(-987+6)^*5^4(5^4(4^3)+2)-1$
-1758677167	P	$-(9+8)-7^*((6+5^4)^3+2)+1$	-1916338176	P	$-(9^*(87+6+5)^4)^3+2^*1$
-1761608939	G	$(9+8^7*6)^*5^4(4-32)+1$	-1922910201	P	$-((-9-8-7+(6+5)^4)^3)^{2*1}$
-1764252009	P	$-(9^*(8^*(7^*6+5^4)+3))^{2*1}$	-1925430721	G	$-9^8+7^6/(5^4)^-3^*(2^*1)$
-1764735008	G	$9-8^*(7^6*5^4*3+2)-1$	-1926595449	P	$-((-9-8-(-7-(6+5)^4))^3)^{2*1}$
-1764735026	G	$-9-8^*(7^6*5^4*3+2)-1$	-1927385622	P	$-(9+8)-((7-(6+5)^4)^3)^2-1$
-1766100592	P	$-((-9+8+7^*6)^5)^4+32+1$	-1929230019	P	$9^*-((8^7+65)^4+3^2+1)$
-1766100615	P	$-((-9+8+7^*6)^5)^4+3^2+1$	-1929230024	P	$-(9+87)-((6+5)^4)^3+2+1$
-1766100632	P	$-((-9+8+7^*6)^5)^4-3^2-1$	-1929230033	P	$-(98+7)-((6+5)^4)^3+2+1$
-1766100633	P	$-((-9+8+7^*6)^5)^4-3^2+1$	-1929230432	P	$-(9^*8^7+((6+5)^4)^3)^2+1$
-1766100656	P	$-((-9+8+7^*6)^5)^4-32+1$	-1930108488	P	$-(9+8-7+(6+5)^4)^3+2+1$
-1768034304	P	$-(9^*(8+76+5)^4)^3+2^*1$	-1930108490	P	$-(9+8-7+(6+5)^4)^3+2-1$
-1771766721	G	$-9^8+(7^*6^5)^4*(3^2-2-1)$	-1931075154	P	$-(9+8)-((7+(6+5)^4)^3)^2-1$
-1775779600	P	$-(98^*(-7^*(65-4)-3))^{2*1}$	-1934917343	G	$-9^*(8^*(7+65)^4-32)+1$
-1776722689	G	$(98-(7-65))^4-3-2+1$	-1934944144	P	$-(9+8^7+(6+5)^4)^3+2^*1$
-1776722691	G	$(98-(7-65))^4-3-2-1$	-1936840301	G	$-9^8(8+7-6)^*5+4^3(3^2+1)$
-1790788510	G	$-9-(8^*765/4)^3/2-1$	-1937098989	P	$-(9^8-76)^*5-4^3(3^2+1)$
-1793375721	G	$-9^8+(7^*6^5)^4/(-3^2-2-1)$	-1937099061	P	$-((9^8-76)^*5+4)^3(2^*1)$
-1796912100	P	$-(9^*(8-7)^*(6-5^4)^3)^{2*1}$	-1937101824	P	$-((9^8-7-6)^*5-4)^3(2^*1)$
-1798396345	G	$9^8*(76^*5-4)^-3^2-2-1$	-1937101896	P	$-((9^8-7-6)^*5+4)^3(2^*1)$
-1798950722	G	$-9^8+(76^*5^4)^3/2-1$	-1937103066	P	$-((9^8+7+6)^*5+4)^3(2^*1)$
-1801238481	P	$-(987/(6-5)^4)^3+2^*1$	-1937105829	P	$-((9^8+76)^*5-4)^3(2^*1)$
-1801723845	G	$-9^8-7^*((6+5^4)^3-2)-1$	-1937105901	P	$-((9^8+76)^*5+4)^3(2^*1)$
-1801723873	P	$-9^8-7^*(-(6+5^4)^3-2)-1$	-1939453126	G	$(-987-6)^*5^4(4+3+2)-1$
-1803967207	G	$(-9-8^*7-6)^5+4^4(3^2+1)$	-1944810088	G	$-98-(7^*6^5)^4+3^2+1$
-1804491495	G	$(-9-8^*7-6)^5-4^4(3^2+1)$	-1944810106	P	$-(98+(7^*6^5)^4)-3^2+1$
-1804890256	P	$-((-987-(6-5))^4)^3+2^*1$	-1946221456	P	$9^*(-(8/(7^6-5+4/-3)))^2+1$

-1953124402	G	$-9 \cdot 8^* (-76 + 5^{\wedge}(4 \cdot 3)) - 2 + 1$	-2058346232	G	$-9^* (8 + (76 - 5)^{\wedge} 4 \cdot 3^{\wedge} 2) + 1$
-1953124418	P	$-9 \cdot 8^* - (76 - (5^{\wedge}(4 \cdot 3) + 2)) - 1$	-2074195296	P	$(-9 - 8)^* (7^{\wedge} 6 - 5^{\wedge}(4 \cdot 3)) / - (2^* 1)$
-1953124922	P	$-9 \cdot 8^* (- (7 + 6 - 5^{\wedge}(4 \cdot 3)) + 2) - 1$	-2074723316	G	$-9 \cdot 8^* (7^* 6)^{\wedge} 5^* (-4^{\wedge} - 3 + 2) + 1$
-1953125034	G	$-9 \cdot 8^* (7 - (6 - 5^{\wedge}(4 \cdot 3)) + 2) - 1$	-2080454544	P	$-(98 / 7^* 6^* 543)^{\wedge} 2^* 1$
-1953125130	G	$-9 \cdot 8^* (7 + 6 + 5^{\wedge}(4 \cdot 3) + 2) - 1$	-2081093161	P	$-(98^* 7^{\wedge} - 6 / (5 - 43))^{\wedge} - 2^* 1$
-1953125634	G	$-9 \cdot 8^* (76 + 5^{\wedge}(4 \cdot 3) + 2) - 1$	-2086388329	P	$-((9 / - 8 + 7)^* - 6^{\wedge} 5 + 4 + 3)^{\wedge} 2^* 1$
-1953728401	P	$-(98^* (- 7^* 65 + 4) - 3)^{\wedge} 2^* 1$	-2086936490	P	$-((9 / 8 - 7)^* 6^{\wedge} 5 + 4 - 3)^{\wedge} 2 - 1$
-1960718400	P	$-((9 - (8 + 7 - 6)^{\wedge} 5) / 4^* 3)^{\wedge} 2^* 1$	-2087119226	P	$-((9 / - 8 + 7)^* 6^{\wedge} 5 + 4 - 3)^{\wedge} 2 - 1$
-1966029374	G	$(- 9 + 8^{\wedge} 7 / 6) * 5^{\wedge} 4 / - 3^{\wedge} - 2 + 1$	-2091059528	G	$-9 \cdot 8^* ((7^* 6)^{\wedge} 5 - 4^* 3)^* 2 + 1$
-1966029376	G	$(- 9 + 8^{\wedge} 7 / 6) * 5^{\wedge} 4 / - 3^{\wedge} - 2 - 1$	-2091059912	G	$-9 \cdot 8^* ((7^* 6)^{\wedge} 5 + 4^* 3)^* 2 + 1$
-1966130624	G	$(- 9 - 8^{\wedge} 7 / 6) * 5^{\wedge} 4 / 3^{\wedge} - 2 + 1$	-2091543997	G	$(- 9 - 8)^* 7 / (65^* 4)^{\wedge} - 3 + 2 + 1$
-1966130626	G	$(- 9 - 8^{\wedge} 7 / 6) * 5^{\wedge} 4 / 3^{\wedge} - 2 - 1$	-2097731530	P	$-(- 9^* 8 + (7^* 6543)^{\wedge} 2) - 1$
-1972276643	G	$-9^* 8 + 7 - ((6 + 5)^{\wedge} 4 \cdot 3)^{\wedge} 2^* 1$	-2099519995	P	$-(((- 9 + 8 + 7)^* 6^* 5)^{\wedge} 4 - 3)^* 2 - 1$
-1977064616	G	$-9 \cdot 8 \cdot 7^{\wedge} (6 + 5) + 4^{\wedge} (3^{\wedge} 2^* 1)$	-2099519999	G	$(9^* 8 + 7 + 6 + 5)^{\wedge} 4^* - 32 + 1$
-1977064671	G	$-9^* 8 \cdot 7^{\wedge} (6 + 5) + 4^{\wedge} (3^{\wedge} 2^* 1)$	-2099520001	G	$(9^* 8 + 7 + 6 + 5)^{\wedge} 4^* - 32 - 1$
-1977064697	G	$-9 \cdot 8 \cdot 7^{\wedge} (6 + 5) + 4^{\wedge} (3^{\wedge} 2^* 1)$	-2107396124	G	$-9 \cdot 8^* (7^* 6)^{\wedge} 5^* (4^{\wedge} - 3 + 2) + 1$
-1977491962	P	$9^{\wedge} 8 / - (7 + 6 / (- 5 - 4) / 3)^{\wedge} - 2 - 1$	-2109289287	P	$- (9^{\wedge} 8^* 7 - 6^{\wedge} (5 - 4))^* (3^* 2 + 1)$
-1980149169	G	$(9^{\wedge} 8^* (7 - 65 + 4^* 3) - 2 - 1)$	-2109289327	G	$9^{\wedge} 8^* - 7^{\wedge} (6 / (5 - 4) / 3) + 2^* 1$
-1985326892	G	$-9 \cdot 8 \cdot 7^{\wedge} 6^* 5^{\wedge} 4^* 3^{\wedge} (2 + 1)$	-2109289371	P	$- (9^{\wedge} 8^* 7 + 6^{\wedge} (5 - 4))^* (3^* 2 + 1)$
-1987856688	P	$-(9^{\wedge} 8 + (7^* 6^* 5)^{\wedge} 4) + 32 + 1$	-2114100010	P	$- 9 \cdot 87 / (6^* 5)^{\wedge} - (4 + 3^{\wedge} 2) - 1$
-1987856712	P	$-(9^{\wedge} 8 + (7^* 6^* 5)^{\wedge} 4 - 3^{\wedge} 2)^* 1$	-2136750592	P	$-((- 9 + 8 - 7^* 6)^* 5)^{\wedge} 4 + 32 + 1$
-1987856716	P	$-(9^{\wedge} 8 + (7^* 6^* 5)^{\wedge} 4 - 3) + 2^* 1$	-2136750615	P	$-((- 9 + 8 - 7^* 6)^* 5)^{\wedge} 4 + 3^{\wedge} 2 + 1$
-1987856720	P	$-(9^{\wedge} 8 + (7^* 6^* 5)^{\wedge} 4 - 3 + 2)^* 1$	-2136750633	P	$-((- 9 + 8 - 7^* 6)^* 5)^{\wedge} 4 - 3^{\wedge} 2 + 1$
-1987856722	P	$-(9^{\wedge} 8 + (7^* 6^* 5)^{\wedge} 4) - 3 + 2^* 1$	-2136750656	P	$-((- 9 + 8 - 7^* 6)^* 5)^{\wedge} 4 - 32 + 1$
-1987856730	P	$-(9^{\wedge} 8 + (7^* 6^* 5)^{\wedge} 4 + 3^{\wedge} 2)^* 1$	-2138877505	P	$9^* - (8^* (7 - 6^* - 5 / 4^{\wedge} - 3))^{\wedge} 2 - 1$
-1987856752	P	$-(9^{\wedge} 8 + (7^* 6^* 5)^{\wedge} 4) - 32 + 1$	-2140778322	G	$-9^{\wedge} 8 - (7^* 6543)^{\wedge} 2^* 1$
-1988268100	P	$-(98^* 7^* 65 / (4 - 3))^{\wedge} 2^* 1$	-2144152993	P	$-((98 + 7)^{\wedge} 6^* 5^{\wedge} - 4 - 32)^* 1$
-1989873664	P	$-((98^* 7 + 6 + 5)^* 4^{\wedge} 3)^{\wedge} 2^* 1$	-2144153015	P	$-((98 + 7)^{\wedge} 6^* 5^{\wedge} - 4 - 3^{\wedge} 2) + 1$
-1989962880	P	$-(98^* 7 + (6 + 5)^{\wedge} 4 \cdot 3)^{\wedge} 2 + 1$	-2144153016	P	$-((98 + 7)^{\wedge} 6^* 5^{\wedge} - 4 - 3^{\wedge} 2)^* 1$
-1998626435	P	$-(9^* 87 + (6 + 5)^{\wedge} 4 \cdot 3)^{\wedge} 2 + 1$	-2144153019	G	$(98 + 7)^{\wedge} 6^* - 5^{\wedge} - 4 + 3 + 2 + 1$
-2001130566	G	$-9^{\wedge} 8 - 7 / 654^{\wedge} - 3 + 2 + 1$	-2144153026	P	$-((98 + 7)^{\wedge} 6^* 5^{\wedge} - 4 + 3) + 2^* 1$
-2001130567	G	$-9^{\wedge} 8 - 7 / 654^{\wedge} - 3 + 2^* 1$			
-2001130571	P	$-(9^{\wedge} 8 + 7^* 654^{\wedge} 3 + 2)^* 1$			
-2001130576	G	$-9^{\wedge} 8 - 7^* (654^{\wedge} 3 + 2 - 1)$			
-2001130590	G	$-9^{\wedge} 8 - 7^* (654^{\wedge} 3 + 2 + 1)$			
-2012060736	P	$-(9^* 8^* (- (7 - (6 - 5^{\wedge} 4)) + 3))^{\wedge} 2^* 1$			
-2013265802	G	$-9 + (8^{\wedge} 7^* 6^* 5 - 4)^* - 32 - 1$			
-2020111320	P	$-(9^{\wedge} 8 + 7^{\wedge} (6 + 5))^{\wedge} 4^{\wedge} (3^{\wedge} 2^* 1)$			
-2020307928	P	$-(9^{\wedge} 8 + 7^{\wedge} (6 + 5))^{\wedge} 4^{\wedge} (3^{\wedge} 2 - 1)$			
-2020373415	P	$-(9^{\wedge} 8 + 7^{\wedge} (6 + 5)) + (4 + 3)^{\wedge} (2^* 1)$			
-2020373440	P	$-(9^{\wedge} 8 + 7^{\wedge} (6 + 5) - 4^* 3^* 2)^* 1$			
-2020373484	P	$-(9^{\wedge} 8 + 7^{\wedge} (6 + 5)) - 4^* (3 + 2)^* 1$			
-2023110441	P	$-(98^* (7^* 65 + 4) - 3)^{\wedge} 2^* 1$			
-2025270008	P	$-((- 9 + 87 - 6)^* 5^{\wedge} 4 + 3)^{\wedge} 2 + 1$			
-2025270010	P	$-((- 9 + 87 - 6)^* 5^{\wedge} 4 + 3)^{\wedge} 2 - 1$			
-2032974729	G	$-9 \cdot 8^* 7^{\wedge} 6^* 5^* 432^* 1$			
-2036596753	G	$-9 \cdot 8 + (- 7 + 6^{\wedge} 5)^* - 4^{\wedge} (3^{\wedge} 2^* 1)$			
-2038431666	G	$-9 + 87 - 6^{\wedge} 5^* 4^{\wedge} (3^{\wedge} 2^* 1)$			
-2038431758	G	$-98 / 7 - 6^{\wedge} 5^* 4^{\wedge} (3^{\wedge} 2^* 1)$			
-2038431823	G	$-9^* 8 - 7 - 6^{\wedge} 5^* 4^{\wedge} (3^{\wedge} 2^* 1)$			
-2038431835	G	$-98 + 7 - 6^{\wedge} 5^* 4^{\wedge} (3^{\wedge} 2^* 1)$			
-2038431840	G	$-9 \cdot 87 - 6^{\wedge} 5^* 4^{\wedge} (3^{\wedge} 2^* 1)$			
-2038431849	G	$-98 - 7 - 6^{\wedge} 5^* 4^{\wedge} (3^{\wedge} 2^* 1)$			
-2038432248	G	$-9^* 8^* 7 - 6^{\wedge} 5^* 4^{\wedge} (3^{\wedge} 2^* 1)$			
-2038432430	G	$-98^* 7 - 6^{\wedge} 5^* 4^{\wedge} (3^{\wedge} 2^* 1)$			
-2038432527	G	$-9^* 87 - 6^{\wedge} 5^* 4^{\wedge} (3^{\wedge} 2^* 1)$			
-2038432731	G	$-987 - 6^{\wedge} 5^* 4^{\wedge} (3^{\wedge} 2^* 1)$			
-2038437581	P	$-(9^* (8^{\wedge} 7 + 6)^* 54 + 3)^* 2 + 1$			
-2038745457	P	$-(9^{\wedge} 8^* 7 - 6^{\wedge} (5 + 4))^* (3^* 2 + 1)$			
-2041577482	G	$-9 \cdot 8^{\wedge} 7^* (6^{\wedge} 5 / 4 + 3) / 2 - 1$			
-2042588025	P	$-(9^* (- 87 - 6)^* 54 + 3)^{\wedge} 2^* 1$			
-2046152956	G	$(98 + 7)^* (- 6 - 5)^{\wedge} (4 + 3) - 2 + 1$			
-2046152958	G	$(98 + 7)^* (- 6 - 5)^{\wedge} (4 + 3) - 2 - 1$			
-2051691547	P	$-((9 + 8)^{\wedge} 7 + 6)^* 5 + 43^{\wedge} 2 - 1$			
-2051692312	P	$(- (9 + 8)^{\wedge} 7 + 6)^* 5 + 4^{\wedge} - (- 3 - 2) - 1$			
-2051693266	P	$-((9 + 8)^{\wedge} 7 + 6)^* 5 + 4^* 32 + 1$			
-2051693308	P	$(- (9 + 8)^{\wedge} 7 + 6)^* 5 - (4 - (32 - 1))$			
-2051693403	G	$((9 + 8)^{\wedge} 7 + 6)^* - 5 - 4^{\wedge} (3 / 2^{\wedge} + 1)$			
-2056584977	G	$-98^* (7^* 654 + 3)^{\wedge} 2 + 1$			
-2056676669	G	$-9^{\wedge} (8 - 7 + 6)^* 5^* 43^* 2 + 1$			

Supplement 5

43046786	G	$(1+2) \cdot 3^{(4+5+6)+7 \cdot 8+9}$
43046808	G	$(1+2) \cdot 3^{(4+5+6)+78+9}$
43046814	G	$(1+2) \cdot (3^{(4+5+6)+7})+8 \cdot 9$
43046817	G	$(1+2) \cdot 3^{(4+5+6)+7+89}$
43046831	G	$(1+2) \cdot (3^{(4+5+6)+7})+89$
43046898	G	$(1+2) \cdot (3^{((4+5)+6)+7 \cdot 8})+9$
86093466	G	$1 \cdot (23+4)^{5 \cdot 6+7+8+9}$
1334448351	G	$(1 \cdot 23+4)^{5 \cdot (6+78+9)}$
1463588514	G	$(1 \cdot 23+4)^{5 \cdot (6+7+89)}$
1635775398	G	$1 \cdot (23+4)^{5 \cdot (6 \cdot 7+8 \cdot 9)}$
2023195887	G	$(1 \cdot 23+4)^{5 \cdot (6+(7+8) \cdot 9)}$

Supplement 6

43046749	G	$9^8+7+6+5+4+3^2*1$	43047024	G	$9^8+7+6+(5+4*3)^2+1$
43046750	G	$9^8+7+6+5+4+3^2+1$	43047029	G	$9^8+7*(6^5+4*3+2)^1$
43046752	G	$9^8+7+6+5+4+3^2*1$	43047033	G	9^8+76+5^4*3+21
43046753	G	$9^8+7+6+5+4*3+2^1$	43047039	G	$9^8+7*6^5+4*3^2(2+1)$
43046760	G	$9^8+7+6+5^4+3^2*1$	43047040	G	$9^8+7+6*(5^4+32)^1$
43046761	G	$9^8+7+6+5^4+3^2+1$	43047042	G	$9^8+76+5^4(4+3)^2*1$
43046767	G	$9^8+7+6+5+4+3+21$	43047043	G	$9^8+76+5^4(4+3)^2+1$
43046772	G	$9^8+7+6+5+4*3+21$	43047045	G	$9^8+7+65+4^3*21$
43046776	G	$9^8+7+6+5+4+32+1$	43047046	G	$9^8+(7+6)*(5^4+3+2)^1$
43046779	G	$9^8+7*6+5+4+3^2+1$	43047050	G	$9^8+7*(6+5+4+32)^1$
43046791	G	$9^8+7+6*5+4*3+21$	43047051	G	$9^8+7+65^4+3^2*1$
43046792	G	$9^8+7*6+5^4+3^2*1$	43047054	G	$9^8+76+5+4^3*21$
43046795	G	$9^8+7+6*5+4+32+1$	43047059	G	$9+8+(76+5)^4+321$
43046796	G	$9^8+7*6+5+4+3+21$	43047060	G	$9^8+7*6^5+4^3*21$
43046797	G	$9^8+7+6+54+3^2*1$	43047064	G	$9^8+7+6+5+4+321$
43046812	G	$9^8+7+6+54+3+21$	43047067	G	$9^8+76+54*(3+2)^1$
43046820	G	$9^8+7+6+54+32*1$	43047073	G	$9^8+7+(65+4)*(3+2)^1$
43046822	G	$9^8+7+6^5+43+21$	43047075	G	$9^8+7+6+5^4+321$
43046823	G	$9^8+76+5^4+3+2+1$	43047076	G	$9^8+7+6^5+4+3+21$
43046824	G	$9^8+7+6+5+4^3+21$	43047079	G	$9^8+7+6^5+4+3^2(2+1)$
43046825	G	$9^8+7+6+5+43^2*1$	43047082	G	$9^8+7+6*(54+3+2)^1$
43046826	G	$9^8+7+65+4^3+21$	43047090	G	$9^8+7+6^5+4^3+2^1$
43046827	G	$9^8+7*6+54+3^2+1$	43047091	G	$9^8+7+6^5+4^3+2+1$
43046829	G	$9^8+7+65+4+32*1$	43047093	G	$9^8+7*6+5+4+3+21$
43046832	G	$9^8+7*6+5+43+21$	43047101	G	$9^8+(7+65+4)*(3+2)^1$
43046852	G	$98+(76+5)^4+32+1$	43047104	G	$9^8+7*6+5^4+321$
43046872	G	$9^8+7+6^5+4+3+21$	43047109	G	$9^8+7+6+54+321$
43046882	G	$98+(76+5)^4+3^2+1$	43047110	G	$9^8+76^5+4+3+2^1$
43046901	G	$9^8+7+65+4^3(2+1)$	43047111	G	$9^8+76^5+4+3+2+1$
43046902	G	$9^8+7+6*(5+4^3*2)^1$	43047113	G	$9^8+7*(6+5+4+3+2)^1$
43046907	G	$9^8+7*6+(5+4+3)^2*1$	43047114	G	$9^8+(76+5)^4+321$
43046910	G	$9^8+76+5+4^3(2+1)$	43047115	G	$9^8+7+6^5+4+3+21$
43046911	G	$9^8+7+6^5+4+3^2*1$	43047116	G	$9^8+76^5+4^3+2+1$
43046914	G	$9^8+76+54+3^2*1$	43047119	G	$9^8+76+5^4+3+2^1$
43046917	G	$9^8+7+6+54^3+21$	43047121	G	$9^8+76+54^3*2^1$
43046921	G	$9^8+7+65+4^3*2^1$	43047122	G	$9^8+76+54^3*2+1$
43046922	G	$9^8+7+65+4^3*2+1$	43047124	G	$9^8+7+(6+5)*(4+32)^1$
43046926	G	$9^8+(7+6^5+4)*(3+2)^1$	43047125	G	$9^8+76^5+4^3*2^1$
43046927	G	$9^8+7*6+54^3+2^1$	43047126	G	$9^8+76^5+4^3*2+1$
43046930	G	$9^8+76+5+4^3*2^1$	43047127	G	$9^8+76+5+4+3+21$
43046931	G	$9^8+76+5+4^3*2+1$	43047129	G	$9^8+76^5+4+3+21$
43046940	G	$9^8+7*6^5+4+3+2^1$	43047132	G	$9^8+(76+54)^3+21$
43046941	G	$9^8+7*6^5+4+3+2+1$	43047134	G	$9^8+76^5+4^3+21$
43046943	G	$9^8+7*6+5^4+3^2*1$	43047136	G	$9^8+7+65+(4+3)^2(2+1)$
43046946	G	$9^8+7*6+54^3+21$	43047142	G	$9^8+7*(6+5+(4+3)^2)+1$
43046947	G	$9^8+76+5+(4^3)^2+1$	43047144	G	$9^8+(7*6+5)*(4+3+2)^1$
43046952	G	$9^8+7+6+5^4+3+2+1$	43047145	G	$9^8+76+5+(4+3)^2(2+1)$
43046955	G	$9^8+7*6^5+4^3+2^1$	43047147	G	$9^8+76^5+4+3+2+1$
43046956	G	$9^8+7*6^5+4^3+2+1$	43047150	G	$9^8+76^5+(4+3)^2*1$
43046961	G	$9^8+76+54^3+2^1$	43047154	G	$9^8+7+6*(5+4^3+2)^1$
43046962	G	$9^8+76+54^3+2+1$	43047165	G	$9^8+76^5+4+3+21$
43046964	G	$9^8+7*6^5+4^3+21$	43047169	G	$9^8+7+6^5+4+3+21$
43046966	G	$9^8+7*(6+5+4^3*2)^1$	43047171	G	$9^8+7+6+5+4+3+21$
43046970	G	$9^8+7+6+5^4+3+21$	43047172	G	$9^8+76+54+3+21$
43046976	G	$9^8+7*6^5+4+3+2^1$	43047176	G	$9^8+7*(6+5+4+3+2)^1$
43046977	G	$9^8+7*6^5+4+3+2+1$	43047190	G	$9^8+7+6^5+4+3+2^1$
43046979	G	$9^8+7+6+5*(4+3)^2+1$	43047191	G	$9^8+7+6^5+4+3+2+1$
43046991	G	$9^8+7+6+5+4^3*21$	43047193	G	$9^8+7*6+5^4+3^2*1$
43046994	G	$9^8+7+65^4+3+2+1$	43047194	G	$9^8+7*6+5^4+3^2+1$
43046995	G	$9^8+7*6^5+4+3+21$	43047197	G	$9^8+7*(6+5^4+3+2)^1$
43046997	G	$9^8+7+65^4+3^2+1$	43047200	G	$9^8+7*6+5+4+3+21$
43046999	G	$9^8+7*6+5^4+3+21$	43047201	G	$9^8+7*6+5+4+3+2+1$
43047001	G	$9^8+7*(6^5+4+3^2)^1$	43047202	G	$9^8+(7+6^5)*(4+3^2)^1$
43047010	G	$9^8+7+6^5+4^3*21$	43047204	G	$9^8+7*6^5+4+3+21$
43047012	G	9^8+7+65^4+3+21	43047207	G	$9^8+7*6^5+4+3^2(2+1)$
43047014	G	$9^8+76+5^4+3+2^1$	43047209	G	$9^8+7*6^5+4^3+21$
43047015	G	$9^8+76+5^4+3+2+1$	43047212	G	$9^8+7*6^5+4+3+2^1$
43047016	G	$9^8+7*6^5+4^3+21$	43047213	G	$9^8+7*6^5+4+3+2+1$
43047020	G	$9^8+7+65^4+3+2^1$	43047220	G	$9^8+7+6+54^3+2^1$
43047021	G	$9^8+7+65^4+3+2+1$	43047222	G	$9^8+7*6^5+4+3+2+1$

43047223	G	$9^8+7+(6+5)*(43+2)^{\wedge}1$	43047441	G	$9^8+(7+65)*(4+3^*2)^{\wedge}1$
43047226	G	$9^8+7+65+432+1$	43047442	G	$9^8+76+5^*43^*(2+1)$
43047227	G	$9^8+76+5^*43^*2^*1$	43047444	G	$9^8+76^*5+(4+3)^{\wedge}(2+1)$
43047230	G	$9^8+76^*5+4^*32+1$	43047445	G	$9^8+7+654+3^*21$
43047234	G	$9^8+76+5+432^{\wedge}1$	43047446	G	$9^8+76+5^{\wedge}4+3+21$
43047235	G	$9^8+76+5+432+1$	43047449	G	$9^8+7+6^*5^*4^*3^*2+1$
43047239	G	$9^8+7^*(65+4+3+2)^{\wedge}1$	43047451	G	$9^8+7^*6+5^{\wedge}4+3^*21$
43047240	G	$9^8+7^*65+43+21$	43047455	G	$9^8+76+5^{\wedge}4+32+1$
43047243	G	$9^8+7^*65+4+3^*21$	43047456	G	$9^8+(7+6^*5^*4^*3)^*2+1$
43047244	G	$9^8+7+6^*(54+32)^{\wedge}1$	43047457	G	$9^8+76+5^*4^*(32+1)$
43047245	G	$9^8+76^*5+(4^*3)^{\wedge}2^*1$	43047465	G	$9^8+7+6+(5+4)^{\wedge}3+2^*1$
43047246	G	$9^8+7^*(65+4+3^*2)^{\wedge}1$	43047466	G	$9^8+7+6+(5+4)^{\wedge}3+2+1$
43047250	G	$9^8+7^*6+54^*3^{\wedge}2+1$	43047469	G	$9^8+7+6+5^*(4+3)^*21$
43047253	G	$9^8+(7+65+4)^*(3^*2+1)$	43047477	G	$9^8+7^*6^*(5+4+3^{\wedge}2)^{\wedge}1$
43047254	G	$9^8+(7+6)^*(5+4+32)^*1$	43047495	G	$9^8+765+4+3+2^*1$
43047256	G	$9^8+7^*6^*5+4+321$	43047496	G	$9^8+765+4+3^*2^{\wedge}1$
43047260	G	$9^8+7^*(6+5+4^{\wedge}3+2)^{\wedge}1$	43047497	G	$9^8+765+4+3^*2+1$
43047261	G	$9^8+7^*65+4^{\wedge}3+21$	43047499	G	$9^8+765+4+3^{\wedge}2^{\wedge}1$
43047263	G	$9^8+7^*65+43^*2+1$	43047500	G	$9^8+765+4^*3+2^{\wedge}1$
43047264	G	$9^8+7+6+(5^*4+3)^{\wedge}2+1$	43047501	G	$9^8+7^*65+4+321$
43047267	G	$9^8+7^*(65+4+3^{\wedge}2)^{\wedge}1$	43047506	G	$9^8+765+4^*(3+2)^{\wedge}1$
43047274	G	$9^8+7^*(65+4^*3+2)^{\wedge}1$	43047510	G	$9^8+765+4^*3^*2^*1$
43047277	G	$9^8+76+5^*4^*(3+21)$	43047511	G	$9^8+765+4^*3^*2+1$
43047279	G	$9^8+7+6+543+2^*1$	43047513	G	$9^8+7^*6+(5+4)^{\wedge}3+21$
43047293	G	$9^8+7^*6+(5^*4+3)^{\wedge}2+1$	43047514	G	$9^8+765+4+3+21$
43047303	G	$9^8+7^*6+5^*4^*3^{\wedge}(2+1)$	43047517	G	$9^8+765+4+3^{\wedge}(2+1)$
43047305	G	$9^8+7^*65+4^*32+1$	43047519	G	$9^8+765+4^*3+21$
43047309	G	9^8+7+65^*4+321	43047522	G	$9^8+765+4+32^{\wedge}1$
43047313	G	$9^8+7+65^*(4+3+2)^{\wedge}1$	43047523	G	$9^8+765+4+32+1$
43047320	G	$9^8+7^*65+(4^*3)^{\wedge}2^*1$	43047526	G	$9^8+7+6^*(5+4^*32)^{\wedge}1$
43047321	G	$9^8+7^*65+(4^*3)^{\wedge}2+1$	43047529	G	$9^8+7+65^*4^*3+21$
43047327	G	$9^8+7^*6+543+21$	43047531	G	$9^8+765+43+2^{\wedge}1$
43047330	G	$9^8+(7+65)^*4+321$	43047532	G	$9^8+765+43+2+1$
43047332	G	$9^8+(7^*6+5)^*(4+3^{\wedge}2)^{\wedge}1$	43047534	G	$9^8+76^*5+432+1$
43047337	G	$9^8+76+5^*4^*3^{\wedge}(2+1)$	43047535	G	$9^8+765+(4+3)^{\wedge}2^*1$
43047342	G	$9^8+76+543+2^{\wedge}1$	43047536	G	$9^8+765+(4+3)^{\wedge}2+1$
43047343	G	$9^8+76+543+2+1$	43047540	G	$9^8+(7+6)^*(54+3^{\wedge}2)^{\wedge}1$
43047344	G	$9^8+7^*(65+4^*3^*2)^{\wedge}1$	43047547	G	$9^8+76+(5+4)^{\wedge}3+21$
43047347	G	$9^8+(7+6+5+4+3)^{\wedge}2+1$	43047550	G	$9^8+765+43+21$
43047351	G	$9^8+7^*6^*(5+4+3^*2)^{\wedge}1$	43047553	G	$9^8+765+4+3^*21$
43047353	G	$9^8+76^*5+4^*3^*21$	43047566	G	$9^8+7^*6^*5^*4+3+2^{\wedge}1$
43047356	G	$9^8+(7+6^*5^*4)^*(3+2^*1)$	43047567	G	$9^8+7^*6^*5^*4+3^*2^*1$
43047361	G	$9^8+76+543+21$	43047570	G	$9^8+7^*6^*5^*4+3^{\wedge}2^{\wedge}1$
43047364	G	$9^8+7^*6^*5+432+1$	43047571	G	$9^8+765+4^{\wedge}3+21$
43047365	G	$9^8+7+6+5^{\wedge}4+3+2+1$	43047573	G	$9^8+765+43^*2+1$
43047366	G	$9^8+(76+5)^*4+321$	43047582	G	$9^8+765+4^*(3+21)$
43047369	G	$9^8+7+6+5^{\wedge}4+3^{\wedge}2+1$	43047594	G	$9^8+7^*6^*5^*4+32+1$
43047373	G	$9^8+7+6^*54+321$	43047596	G	$9^8+7^*(6^*5^*4+3+2)^{\wedge}1$
43047391	G	$9^8+7+654+3^{\wedge}2^{\wedge}1$	43047603	G	$9^8+7^*(6+5^*4^*3^*2)^{\wedge}1$
43047392	G	$9^8+7+654+3^{\wedge}2+1$	43047604	G	$9^8+7^*(6+5^*4^*3^*2)+1$
43047393	G	$9^8+7^*6+5^{\wedge}4+3+2^{\wedge}1$	43047609	G	$9^8+7^*65+432+1$
43047395	G	$9^8+7^*6+5^{\wedge}4+3^*2+1$	43047610	G	$9^8+7+(6^*5+4^*3)^*21$
43047400	G	$9^8+7^*(6+5+43^*2)^{\wedge}1$	43047612	G	$9^8+(7+6+5^*4)^*3^{\wedge}(2+1)$
43047403	G	$9^8+7^*6+5^*4^*32^*1$	43047615	G	$9^8+765+4^*32+1$
43047404	G	$9^8+7^*6+5^*4^*32+1$	43047622	G	$9^8+(7+6+5+4^*3)^{\wedge}2+1$
43047406	G	$9^8+7+654+3+21$	43047624	G	$9^8+7^*(65+43+21)$
43047409	G	$9^8+7+654+3^{\wedge}(2+1)$	43047626	G	$9^8+7^*(65+4^{\wedge}3)+2^{\wedge}1$
43047412	G	$9^8+7^*6+5^{\wedge}4+3+21$	43047630	G	$9^8+765+(4^*3)^{\wedge}2^*1$
43047413	G	$9^8+7+6^*(54+3)^*2+1$	43047631	G	$9^8+765+(4^*3)^{\wedge}2+1$
43047414	G	$9^8+7+654+32^{\wedge}1$	43047639	G	$9^8+7+65^*(4+3)^*2+1$
43047415	G	$9^8+7+654+32+1$	43047642	G	$9^8+7+6+5+43^*21$
43047421	G	$9^8+7^*6+5^{\wedge}4+32+1$	43047644	G	$9^8+(7+6)^*(5+4^{\wedge}3+2)^{\wedge}1$
43047422	G	$9^8+7+6+5^{\wedge}4+3^*21$	43047646	G	$9^8+7^*(6+5^*4^*3)^*2+1$
43047426	G	$9^8+76^*5+4+321$	43047657	G	$9^8+(7+65)^*(4+3^{\wedge}2)^{\wedge}1$
43047427	G	$9^8+76+5^{\wedge}4+3+2^*1$	43047661	G	$9^8+7+6^*5+43^*21$
43047429	G	$9^8+76+5^{\wedge}4+3^*2+1$	43047671	G	$9^8+7^*6+5+43^*21$
43047430	G	$9^8+7+(6+5^*4)^*3^{\wedge}(2+1)$	43047673	G	$9^8+7+(6+5+4)^*3^*21$
43047431	G	$9^8+76+5^{\wedge}4+3^{\wedge}2^{\wedge}1$	43047694	G	$9^8+7^*(6+5+4^*32)^{\wedge}1$
43047432	G	$9^8+76+5^{\wedge}4+3^{\wedge}2+1$	43047696	G	$9^8+7+65+43^*21$
43047437	G	$9^8+76+5^*4^*32^*1$	43047702	G	$9^8+7+6^*5^*4^*3+2^*1$

43047703	G	$9^8+7+654+321$	43048672	G	$9^8+7+6*54*3*2^1$
43047705	G	$9^8+76+5+43*2^1$	43048692	G	$9^8+7+654*3+2^1$
43047712	G	$9^8+7+6*(54*3+2)^1$	43048725	G	$9^8+(7+654)*3+21$
43047721	G	$9^8+7+6*54*3+21$	43048821	G	$9^8+7*6*(5+4+3+2)^1$
43047729	G	$9^8+(7+65)*(4*3+2)^1$	43048822	G	$9^8+7*6*5*(4+3*2)+1$
43047730	G	$9^8+7*(65+4+3)*2+1$	43048829	G	$9^8+(7+6)*54*3+2*1$
43047743	G	9^8+76+5^4+321	43048862	G	$9^8+7*65*4+321$
43047763	G	$9^8+7+6+5+4^3(3+2)^1$	43048921	G	$9^8+7+6+(5+4)^3*(2+1)$
43047764	G	$9^8+7+6+5+4^3(3+2)+1$	43048924	G	$9^8+7*6+5*432+1$
43047771	G	$9^8+7*6+(5+43)*2^1$	43048925	G	$9^8+76*(5+4*3*2)^1$
43047772	G	$9^8+7*(6+(5+4+3)^2)+1$	43048962	G	$9^8+76+5*(432+1)$
43047774	G	$9^8+(76+5)*(4+3^2)^1$	43048982	G	$9^8+7*(65*4+3*21)$
43047782	G	$9^8+7+6*5+4^3(3+2)*1$	43049013	G	$9^8+7*6*54+3+21$
43047792	G	$9^8+7*6+5+4^3(3+2)^1$	43049016	G	$9^8+7*6*54+3^2(2+1)$
43047793	G	$9^8+7*6+5+4^3(3+2)+1$	43049017	G	$9^8+7*(6+5*4^3+2)^1$
43047821	G	$9^8+7+6+5+43*2+1$	43049022	G	$9^8+7*6*54+3+21$
43047826	G	$9^8+7+6*(54*3+21)$	43049024	G	$9^8+7*(6*54+3+2)^1$
43047827	G	$9^8+7+(6+543)*2+1$	43049025	G	$9^8+7*65+43^2+1$
43047828	G	$9^8+(7+6*5+4)*3^2(2+1)$	43049026	G	$9^8+7*65+43^2+1$
43047829	G	$9^8+765+(4+3)^2(2+1)$	43049031	G	$9^8+7*(6*54+3+21)$
43047882	G	$9^8+7*6*5*4+321$	43049032	G	$9^8+7*(6+54*3*2)+1$
43047904	G	$9^8+(7+6)*(5+43*2)^1$	43049039	G	$9^8+7+6+(5+43)^2+1$
43047909	G	$9^8+(7+6+5)*(4^3+2)^1$	43049043	G	$9^8+(7+6+5)*(4*32+1)$
43047911	G	$9^8+7*(6+54*3+2)^1$	43049049	G	$9^8+(765+4)*3+21$
43047919	G	$9^8+765+432+1$	43049052	G	$9^8+7*6*54+3*21$
43047939	G	$9^8+7*6*(5*4+3^2)^1$	43049069	G	$9^8+7+65*4*3^2+1$
43047956	G	$9^8+7*6*5+4^3(3+2)+1$	43049071	G	$9^8+(7*6+5)*((4+3)^2+1)$
43047960	G	$9^8+(76+543)*2+1$	43049073	G	$9^8+7*(6+5+4+321)$
43047994	G	$9^8+7+6+5*4*3*21$	43049074	G	$9^8+7*(6+54*3)*2+1$
43048020	G	$9^8+7+6*5*43+2*1$	43049101	G	$9^8+76+(5+43)^2+1$
43048021	G	$9^8+7+6*5*43+2+1$	43049102	G	$9^8+76+(5+43)^2+1$
43048023	G	$9^8+7+6+5+4*321$	43049122	G	$9^8+(7+6*5+4*3)^2*1$
43048028	G	$9^8+7+65*4*(3+2)^1$	43049123	G	$9^8+(7+6*5+4*3)^2+1$
43048042	G	$9^8+7+6*5+4*321$	43049163	G	$9^8+(7+6*5)*(4^3+2)^1$
43048052	G	$9^8+7*6+5+4*321$	43049199	G	$9^8+7*6*(54+3+2^1)$
43048072	G	$9^8+7*(65+4*32)^1$	43049213	G	$9^8+7*(6*54+32*1)$
43048102	G	$9^8+7+6*5+4^3*21$	43049214	G	$9^8+765+(4*3)^2(2+1)$
43048112	G	$9^8+7*6+5+4^3*21$	43049243	G	$9^8+7*6*5*4*3+2^1$
43048126	G	$9^8+76*5+4^3(3+2)+1$	43049244	G	$9^8+7*6*5*4*3+2+1$
43048192	G	$9^8+7+6+5+4*3^2(2+1)$	43049262	G	$9^8+7*6*5*4*3+21$
43048201	G	$9^8+7*65+4^3(3+2)+1$	43049304	G	$9^8+7*(6*5*4+3)*(2+1)$
43048206	G	$9^8+(7+6+(5+4)^3)*2+1$	43049309	G	$9^8+7+6*5*43*2+1$
43048215	G	$9^8+7*6*5+4*321$	43049310	G	$9^8+7*6*54+321$
43048221	G	$9^8+7*6+5+4*3^2(2+1)$	43049313	G	$9^8+(7*6+54)*3^2(2+1)$
43048222	G	$9^8+7*6+(5+4)^3*2+1$	43049314	G	$9^8+7+6*(5*43*2+1)$
43048240	G	$9^8+7+(65+4+3)*2^1$	43049316	G	$9^8+(7+6*5*43)*2+1$
43048246	G	$9^8+76*5*4+3+2*1$	43049332	G	$9^8+7*(6*5+(4+3)^2(2+1))$
43048248	G	$9^8+76*5*4+3*2+1$	43049335	G	$9^8+765+43^2+1$
43048251	G	$9^8+76*5*4+3^2+1$	43049336	G	$9^8+765+43^2+1$
43048255	G	$9^8+76+54*3^2(2+1)$	43049350	G	$9^8+7+6*(5+432)^1$
43048256	G	$9^8+76+(5+4)^3*2+1$	43049351	G	$9^8+7+6*(5+432)+1$
43048265	G	$9^8+76*5*4+3+21$	43049367	G	$9^8+7*6*(5+4+3+2)^1$
43048274	G	$9^8+76*5*4+3+2+1$	43049442	G	$9^8+(76+5+4)*32+1$
43048275	G	$9^8+7*6*5+4^3*21$	43049451	G	$9^8+7*(65+4+321)$
43048282	G	$9^8+7*(6+5*43+2)^1$	43049476	G	$9^8+(7*65+4)*3*2+1$
43048288	G	$9^8+7+65*4*3*2^1$	43049525	G	$9^8+7+65*43+2^1$
43048289	G	$9^8+7+65*4*3*2+1$	43049526	G	$9^8+7+65*43+2+1$
43048332	G	$9^8+(76+(5+4)^3)*2+1$	43049542	G	$9^8+(7+6)*(5*43+2)^1$
43048426	G	$9^8+76+543*(2+1)$	43049544	G	$9^8+7+65*43+21$
43048492	G	$9^8+7*6+5+4*32+1$	43049577	G	$9^8+(76+5*4*3)*2^1$
43048512	G	$9^8+76+5*(4+3)^2(2+1)$	43049620	G	$9^8+7*(65+4)*3*2+1$
43048520	G	$9^8+7*65+4^3*21$	43049637	G	$9^8+(7*6+5+4+3)^2*1$
43048521	G	$9^8+7+65+(4*3)^2(2+1)$	43049644	G	$9^8+7+6*54*3^2+1$
43048525	G	$9^8+76+54*32*1$	43049645	G	$9^8+7+6*54*3^2+1$
43048526	G	$9^8+76+54*32+1$	43049653	G	$9^8+7+65*(43+2)^1$
43048562	G	$9^8+76*5*4+321$	43049703	G	$9^8+7*6*(5+4+3+2)^1$
43048612	G	$9^8+7+6+5+4*3+2+1$	43049745	G	$9^8+7*6*(5+4+3*21)$
43048621	G	$9^8+76*(5*4+3+2)^1$	43049790	G	$9^8+765*4+3+2^1$
43048642	G	$9^8+7+65+43^2+1$	43049791	G	$9^8+765*4+3^2+1$
43048652	G	$9^8+76+5+43^2+1$	43049794	G	$9^8+(76+5*4)*32+1$

43049820	G	$9^8+(7+65)*43+2+1$	43050946	G	$9^8+(7*6+5*4+3)^2*1$
43049822	G	$9^8+7*(6+5+432)^1$	43050947	G	$9^8+(7*6+5*4+3)^2+1$
43049829	G	$9^8+7*(6+5+432+1)$	43050963	G	$9^8+7*6*(5+4*(3+21))$
43049902	G	$9^8+7+6*(5*4+3)^2*1$	43051011	G	$9^8+(76+54)*(32+1)$
43049903	G	$9^8+7+6*(5*4+3)^2+1$	43051027	G	$9^8+7*6*5+4*(3*2*1)$
43049911	G	$9^8+(7+6+5^4)*(3+2)^1$	43051060	G	$9^8+7+6+5+4321$
43049913	G	$9^8+76*(5+4+32+1)$	43051079	G	$9^8+7+6*5+4321$
43049914	G	$9^8+7+65*(4+3)^2+1$	43051104	G	$9^8+7+6*(5+4)^3+2*1$
43049922	G	$9^8+76+5^4*(3+2)^1$	43051105	G	$9^8+7+6*(5+4)^3+2+1$
43049962	G	$9^8+7*(6*5+432+1)$	43051107	G	$9^8+(7+6)^5+4321$
43050007	G	$9^8+7+6*543+21$	43051114	G	$9^8+7+65+4321$
43050012	G	$9^8+7*6+(54+3)^2*1$	43051115	G	$9^8+7+6*((5+4)^3+2)+1$
43050013	G	$9^8+7*6+(54+3)^2+1$	43051123	G	$9^8+76+5+4321$
43050046	G	$9^8+76+(54+3)^2*1$	43051143	G	$9^8+7*(6+5^4)+3+2*1$
43050047	G	$9^8+76+(54+3)^2+1$	43051144	G	$9^8+7*(6+5^4)+3+2+1$
43050102	G	$9^8+765*4+321$	43051145	G	$9^8+7*(6+5^4)+3^2+1$
43050105	G	$9^8+7+(6+5+4)^3+2*1$	43051146	G	$9^8+76*54+321$
43050106	G	$9^8+7+(6+5+4)^3+2+1$	43051147	G	$9^8+7*(6+5^4)+3^2+1$
43050112	G	$9^8+7+6*(543+21)$	43051154	G	$9^8+(7+6)*(5*4+321)$
43050136	G	$9^8+7+6+54*3*21$	43051162	G	$9^8+7*(6+5^4)+3+21$
43050141	G	$9^8+76*5*(4+3+2)^1$	43051170	G	$9^8+7*(6+5^4)+32^1$
43050165	G	$9^8+7*6+54*3*21$	43051171	G	$9^8+7*(6+5^4)+32+1$
43050199	G	$9^8+76+54*3*21$	43051173	G	$9^8+7*(6+5^4+3+2)^1$
43050200	G	$9^8+7*(65+432*1)$	43051197	G	$9^8+76*5+4*(3+2+1)$
43050203	G	$9^8+(7*6+5+4*3)^2+1$	43051201	G	$9^8+7*(6+5^4+3^2)^1$
43050206	G	$9^8+(76+5)*43+2*1$	43051205	G	$9^8+76*(54+3+2)*1$
43050207	G	$9^8+7*(65+432+1)$	43051243	G	$9^8+7*(6+5*4*32)^1$
43050225	G	$9^8+(76+5)*43+21$	43051245	G	$9^8+(7+6)*(5+(4+3)^(2+1))$
43050231	G	$9^8+(76+54)*3^(2+1)$	43051249	G	$9^8+7+6+5*43*21$
43050232	G	$9^8+(7+6)*54*(3+2)+1$	43051252	G	$9^8+7*6*5+4321$
43050293	G	$9^8+76*((5*4+3)*2+1)$	43051272	G	$9^8+7*65+4*(3+2+1)$
43050334	G	$9^8+7+6+(5*4*3)^2+1$	43051273	G	$9^8+7*65+4*(3*2)+1$
43050363	G	$9^8+7*6+(5*4*3)^2+1$	43051302	G	$9^8+76*5*4*3+21$
43050397	G	$9^8+76+(5*4*3)^2+1$	43051309	G	$9^8+7*654+3^2+1$
43050404	G	$9^8+7*(65*4+3)*2+1$	43051312	G	$9^8+76+5*43*21$
43050424	G	$9^8+7*(6+5+4*3)^2+1$	43051323	G	$9^8+7*654+3+21$
43050425	G	$9^8+7*(6+5+4*3)^2+1$	43051326	G	$9^8+7*654+3^(2+1)$
43050443	G	$9^8+(7+6+5+43)^2+1$	43051327	G	$9^8+7*(6+5^4+3^(2+1))$
43050466	G	$9^8+7*(6+(5*4+3)^2+1)$	43051332	G	$9^8+7*654+32+1$
43050467	G	$9^8+7*(6+(5*4+3)^2)+1$	43051334	G	$9^8+7*(654+3+2)^1$
43050473	G	$9^8+7*(6+(5*4+3)^2+1)$	43051341	G	$9^8+7*(654+3*2)^1$
43050501	G	$9^8+7+(6+5)*(4+3)^(2+1)$	43051362	G	$9^8+7*654+3*21$
43050502	G	$9^8+7+6*5^4+3+21$	43051422	G	$9^8+76*5+4321$
43050505	G	$9^8+7+6*5^4+3^(2+1)$	43051467	G	$9^8+7*(654+3+21)$
43050510	G	$9^8+7+6*5^4+32*1$	43051494	G	$9^8+(7+6*5)*(4*32+1)$
43050511	G	$9^8+7+6*5^4+32+1$	43051496	G	$9^8+7+6+(5+4^3)^2+1$
43050513	G	$9^8+7*6+5^4*3*2*1$	43051497	G	$9^8+7*65+4321$
43050514	G	$9^8+7*6+5^4*3*2+1$	43051509	G	$9^8+76*(54+3^2)^1$
43050521	G	$9^8+76*(5+43+2)^1$	43051523	G	$9^8+7*(654+32*1)$
43050522	G	$9^8+76*(5+43+2)+1$	43051524	G	$9^8+(7*(654+32)+1)$
43050532	G	$9^8+7+6*(5^4+3^2)^1$	43051525	G	$9^8+7*6+(5+4^3)^2+1$
43050541	G	$9^8+7+6*5^4+3*21$	43051530	G	$9^8+7*(654+3*2+1)$
43050543	G	$9^8+7*6*(5+43*2)^1$	43051559	G	$9^8+76+(5+4^3)^2+1$
43050547	G	$9^8+76+5^4*3*2*1$	43051620	G	$9^8+7*654+321$
43050567	G	$9^8+(765+4)*(3+2)+1$	43051622	G	$9^8+(7+6+5+4+3)^2+1$
43050569	G	$9^8+7+6*5^4*32+1$	43051635	G	$9^8+7*6*(5+3*21)$
43050574	G	$9^8+7+6*(5*4*32+1)$	43051647	G	$9^8+7+6+(5+4*3)^(2+1)$
43050597	G	$9^8+76*(5+43+2+1)$	43051661	G	$9^8+76*5*(4+3^2)^1$
43050640	G	$9^8+7+6*(5^4+3^(2+1))$	43051676	G	$9^8+7*6+(5+4*3)^(2+1)$
43050652	G	$9^8+7+654*3*2*1$	43051710	G	$9^8+76+(5+4*3)^(2+1)$
43050653	G	$9^8+7+654*3*2+1$	43051740	G	$9^8+7*(654+3*21)$
43050670	G	$9^8+7+6*(5^4+32)^1$	43051762	G	$9^8+7*6*5*4*3*2+1$
43050673	G	$9^8+76*(5*4+32)^1$	43051905	G	$9^8+(76+5)*(43+21)$
43050711	G	$9^8+7*(6+543+21)$	43051922	G	$9^8+76+5*(4*(3+2)+1)$
43050799	G	$9^8+7+6*5^4+321$	43051965	G	$9^8+76*(5+43+21)$
43050832	G	$9^8+76*54+3*2+1$	43051967	G	$9^8+76*(5+4^3)^2+1$
43050852	G	$9^8+76*54+3^(2+1)$	43052013	G	$9^8+7*(6+(5+4)^3+21)$
43050882	G	$9^8+(76+54)*32+1$	43052050	G	$9^8+(7+6+5*4*3)^2+1$
43050912	G	$9^8+(7+6*5*4)*(32+1)$	43052051	G	$9^8+(7+6+5*4*3)^2+1$
43050921	G	$9^8+7*6*5*4*(3+2)^1$	43052079	G	$9^8+765*(4+3)+2+1$

43052117	G	$9^8+76*(5+4^3+2)^{\wedge}1$	43054513	G	$9^8+7+6^5+4+3+2^{\wedge}1$
43052160	G	$9^8+7*(6^5+4+3)*21$	43054514	G	$9^8+7+6^5+4+3*2^{\wedge}1$
43052167	G	$9^8+7+6+5432+1$	43054515	G	$9^8+7+6^5+4+3*2+1$
43052196	G	$9^8+7*6+5432+1$	43054517	G	$9^8+7+6^5+4+3^2^{\wedge}1$
43052202	G	$9^8+7*65*4*3+21$	43054519	G	$9^8+7+6^5+4*3+2+1$
43052229	G	$9^8+76+5432*1$	43054524	G	$9^8+7+6^5+4*(3+2)^{\wedge}1$
43052230	G	$9^8+76+5432+1$	43054529	G	$9^8+7+6^5+4*3*2+1$
43052307	G	$9^8+7*6*(5+4*32)^{\wedge}1$	43054535	G	$9^8+7+6^5+4+3^{\wedge}(2+1)$
43052319	G	$9^8+7+65*43*2+1$	43054537	G	$9^8+7+6^5+4*3+2+1$
43052354	G	$9^8+7+(6+5+4^3)^{\wedge}2+1$	43054540	G	$9^8+7+6^5+4+32*1$
43052359	G	$9^8+7+6+5^4*3^2*1$	43054541	G	$9^8+7+6^5+4+32+1$
43052360	G	$9^8+7+6+5^4*3^2+1$	43054549	G	$9^8+7+6^5+4+3^2*1$
43052421	G	$9^8+76*5*(4*3+2+1)$	43054550	G	$9^8+7+6^5+4+3+2+1$
43052422	G	$9^8+76+5^4*3^2*1$	43054553	G	$9^8+7+6^5+(4+3)^{\wedge}2*1$
43052423	G	$9^8+76+5^4*3^2+1$	43054554	G	$9^8+7+6^5+(4+3)^{\wedge}2+1$
43052552	G	$9^8+7*((6+5*4)*32+1)$	43054571	G	$9^8+7+6^5+4*3*21$
43052560	G	$9^8+7+(6+5+4+3)^{\wedge}(2+1)$	43054591	G	$9^8+7+6^5+4+3*2+1$
43052609	G	$9^8+7*(6+5*4+3)^{\wedge}2+1$	43054600	G	$9^8+7+6^5+4*(3+2+1)$
43052614	G	$9^8+7+654*3^2^{\wedge}1$	43054612	G	$9^8+7+6^5+4*3^2(2+1)$
43052615	G	$9^8+7+654*3^2+1$	43054633	G	$9^8+7+6^5+4+3^2+1$
43052636	G	$9^8+7*65*(4+3^2)^{\wedge}1$	43054636	G	$9^8+7+6^5+4*(32+1)$
43052649	G	$9^8+76*(54+3+2+1)$	43054649	G	$9^8+7+6^5+(4*3)^{\wedge}2+1$
43052902	G	$9^8+7+6*(5+4^{\wedge}(3+2))^{\wedge}1$	43054696	G	$9^8+7654+321$
43052903	G	$9^8+7+6*(5+4^{\wedge}(3+2))+1$	43054736	G	$9^8+7+6+(5^4)^{\wedge}3+2*1$
43052963	G	$9^8+(7+65+4+3)^{\wedge}2+1$	43054756	G	$9^8+7+6^5+4*3*21$
43052979	G	$9^8+7*6*(5+(4*3)^{\wedge}2)^{\wedge}1$	43054799	G	$9^8+76+(5^4)^{\wedge}3+2^{\wedge}1$
43053092	G	$9^8+7*65*(4*3+2)+1$	43054821	G	$9^8+(7*6+5+43)^{\wedge}2*1$
43053122	G	$9^8+(7+6*5+43)^{\wedge}2+1$	43054822	G	$9^8+(7*6+5+43)^{\wedge}2+1$
43053154	G	$9^8+7+6+5*4*321$	43054829	G	$9^8+7+6^5+4+321$
43053217	G	$9^8+76+5*4*321$	43054911	G	$9^8+(76+54)*3*21$
43053244	G	$9^8+7+6*543*2*1$	43054924	G	$9^8+(7+6)*(5^4+3^2)^{\wedge}1$
43053245	G	$9^8+7+6*543*2+1$	43054936	G	$9^8+7+6^5+4+32^{\wedge}1$
43053257	G	$9^8+76*(54+32*1)$	43054937	G	$9^8+7+6^5+4+32+1$
43053273	G	$9^8+7+6543+2^{\wedge}1$	43054963	G	$9^8+(7+6)*(5^4+3^2)^{\wedge}1$
43053274	G	$9^8+7+6543+2+1$	43055049	G	$9^8+7+65*4*32+1$
43053292	G	$9^8+7+6543+2+1$	43055371	G	$9^8+(76+5+4*3)^{\wedge}2+1$
43053333	G	$9^8+76*(54+32+1)$	43055374	G	$9^8+7+6+5*(4*3)^{\wedge}(2+1)$
43053445	G	$9^8+(7+6+5+4^3)^{\wedge}2*1$	43055403	G	$9^8+7*6+5*(4*3)^{\wedge}(2+1)$
43053446	G	$9^8+(7+6+5+4^3)^{\wedge}2+1$	43055407	G	$9^8+7+6^5+4+3*21$
43053479	G	$9^8+7+(6+5+4)^{\wedge}3*2+1$	43055437	G	$9^8+76+5*(4*3)^{\wedge}(2+1)$
43053497	G	$9^8+7*(65+43*2+1)$	43055476	G	$9^8+7+6*54*3^{\wedge}(2+1)$
43053517	G	$9^8+76+5*4^3*21$	43055477	G	$9^8+7+6*(5+4)^{\wedge}3*2+1$
43053527	G	$9^8+7*6*54*3+2*1$	43055529	G	$9^8+7+6^5+4^{\wedge}(3+2)+1$
43053546	G	$9^8+7*(654+321)$	43055564	G	$9^8+7+(6^5+4^{\wedge}3)^{\wedge}2*1$
43053599	G	$9^8+(7+6)*(5^4+3)^{\wedge}2+1$	43055565	G	$9^8+7+(6^5+4^{\wedge}3)^{\wedge}2+1$
43053606	G	$9^8+765*(4+3+2)^{\wedge}1$	43055613	G	$9^8+76*(54+3*2+1)$
43053607	G	$9^8+765*(4+3+2)+1$	43055753	G	$9^8+7*6*5*4+3+2*1$
43053609	G	$9^8+7*6*(54*3+2)^{\wedge}1$	43055754	G	$9^8+7*6*5*4+3+2+1$
43053637	G	$9^8+76*(5+43*2)^{\wedge}1$	43055772	G	$9^8+7*6*5*4+3+2+1$
43053651	G	$9^8+7*6*5*(4*3+2+1)$	43055821	G	$9^8+7*65*4*(3+2)^{\wedge}1$
43053672	G	$9^8+7*(6*54*3+2+1)$	43055842	G	$9^8+76*5*4*3*2+1$
43053782	G	$9^8+(7+6)*543+2*1$	43055904	G	$9^8+765*4*3+2+1$
43053966	G	$9^8+7*(6+5+4^{\wedge}(3+2))^{\wedge}1$	43055922	G	$9^8+765*4*3+2+1$
43053967	G	$9^8+7*(6+5+4^{\wedge}(3+2))+1$	43055979	G	$9^8+7+6+5*43^2^{\wedge}1$
43053973	G	$9^8+7*(6+5+4^{\wedge}(3+2))+1$	43056009	G	$9^8+7*6+5*43^2+1$
43054099	G	$9^8+7*(6^5+4^{\wedge}(3+2))^{\wedge}1$	43056042	G	$9^8+76+5*43^2^{\wedge}1$
43054100	G	$9^8+7*(6^5+4^{\wedge}(3+2))+1$	43056164	G	$9^8+7*(65+4*321)$
43054106	G	$9^8+7*(6^5+4^{\wedge}(3+2))+1$	43056171	G	$9^8+7*6*5*(4+3+2)^{\wedge}1$
43054321	G	$9^8+76*5*4*(3+2)^{\wedge}1$	43056200	G	$9^8+(7+6)*(5+4)^{\wedge}3+2+1$
43054344	G	$9^8+7*(65+4^{\wedge}(3+2))^{\wedge}1$	43056201	G	$9^8+(7+6)*(5+4)^{\wedge}3+2+1$
43054345	G	$9^8+7*(65+4^{\wedge}(3+2))+1$	43056224	G	$9^8+(7+6)*(5+4)^{\wedge}3+2*1$
43054351	G	$9^8+7*(65+4^{\wedge}(3+2))+1$	43056225	G	$9^8+(7+65)*4*(32+1)$
43054365	G	$9^8+7*(6+543*2)^{\wedge}1$	43056232	G	$9^8+7+6^5+(4*3)^{\wedge}(2+1)$
43054371	G	$9^8+765*(4+3*2)^{\wedge}1$	43056237	G	$9^8+(7+6)*((5+4)^{\wedge}3+2+1)$
43054382	G	$9^8+7654+3*2+1$	43056305	G	$9^8+7*(6^5+4+3)^{\wedge}2+1$
43054399	G	$9^8+7654+3+2+1$	43056353	G	$9^8+7+6^5+4+3^2^{\wedge}1$
43054402	G	$9^8+7654+3^{\wedge}(2+1)$	43056354	G	$9^8+7+6^5+4+3+2+1$
43054407	G	$9^8+7654+32^{\wedge}1$	43056471	G	$9^8+(7+6)*((5+4)^{\wedge}3+2+1)$
43054466	G	$9^8+(76+5+4+3)^{\wedge}2+1$	43056523	G	$9^8+(76+5*4+3)^{\wedge}2+1$
43054491	G	$9^8+7*6*5*(4+3+2+1)$	43056666	G	$9^8+765*(4+3^2)^{\wedge}1$

43056829	G	$9^8+76*(5+4*32)^{\wedge}1$	43063082	G	$9^8+76*5*43+21$
43056922	G	$9^8+(7+6*5+4^3)^{\wedge}2*1$	43063101	G	$9^8+7*65*4*3^{\wedge}2*1$
43056923	G	$9^8+(7+6*5+4^3)^{\wedge}2+1$	43063102	G	$9^8+7*65*4*3^{\wedge}2+1$
43056969	G	$9^8+7*(6+(5+4)^3*2)^{\wedge}1$	43063123	G	$9^8+7+6+5+4^{\wedge}(3*2+1)$
43057011	G	$9^8+7*6*5*(4+3)^{\wedge}2^{\wedge}1$	43063142	G	$9^8+7+6*5+4^{\wedge}(3*2+1)$
43057012	G	$9^8+7*6*5*(4+3)^{\wedge}2+1$	43063152	G	$9^8+7*6+5+4^{\wedge}(3*2+1)$
43057096	G	$9^8+7+6*54*32*1$	43063177	G	$9^8+7+65+4^{\wedge}(3*2+1)$
43057097	G	$9^8+7+6*54*32+1$	43063315	G	$9^8+7*6*5+4^{\wedge}(3*2+1)$
43057126	G	$9^8+(7*6+5*4*3)^{\wedge}2+1$	43063370	G	$9^8+7+(65+4^3)^{\wedge}2+1$
43057372	G	$9^8+(7+6+5+4)^3+2+1$	43063560	G	$9^8+7*65+4^{\wedge}(3*2+1)$
43057390	G	$9^8+(7+6+5+4)^3+21$	43063609	G	$9^8+7+6+5^{\wedge}4*3^{\wedge}(2+1)$
43057641	G	$9^8+7*65*4*3*2*1$	43063622	G	$9^8+(7+6*5*4+3)^{\wedge}2+1$
43057642	G	$9^8+7*65*4*3*2+1$	43063626	G	$9^8+(76+(5+4)^3)^*21$
43057666	G	$9^8+76*(5+4+3)^{\wedge}2+1$	43063765	G	$9^8+7+(6+5^4)^*3^{\wedge}(2+1)$
43057741	G	$9^8+76*((5+4+3)^{\wedge}2+1)$	43063947	G	$9^8+(7+6+5^4)^*3^{\wedge}(2+1)$
43057852	G	$9^8+7+6*(5+43^2)^{\wedge}1$	43064097	G	$9^8+7*6+54*321$
43057992	G	$9^8+7+(6+5)*4^{\wedge}(3+2*1)$	43064131	G	$9^8+76+54*321$
43057993	G	$9^8+7+(6+5)*4^{\wedge}(3+2)+1$	43064307	G	$9^8+7+(6+5^4)^{\wedge}3+2+1$
43057999	G	$9^8+7+6*5^4*3+21$	43064325	G	$9^8+7+(6+5^4)^{\wedge}3+21$
43058200	G	$9^8+76+543*21$	43064411	G	$9^8+(76+54+3)^{\wedge}2+1$
43058392	G	$9^8+7+(65+43)^{\wedge}2*1$	43064782	G	$9^8+7*6*5*43*2+1$
43058825	G	9^8+7+6^5+4321	43065075	G	$9^8+7*6*(5+432)^{\wedge}1$
43059036	G	$9^8+76*54*3+2+1$	43065082	G	$9^8+765*4*3*2+1$
43059043	G	$9^8+(7*6+5+4^3)^{\wedge}2+1$	43065117	G	$9^8+7*6*(5+432+1)$
43059054	G	$9^8+76*54*3+21$	43065153	G	$9^8+(7+6+5)*4^{\wedge}(3+2*1)$
43059069	G	$9^8+7*(6*5+4*3)^{\wedge}2*1$	43065154	G	$9^8+(7+6+5)*4^{\wedge}(3+2)+1$
43059070	G	$9^8+7*(6*5+4*3)^{\wedge}2+1$	43065171	G	$9^8+(7+6+5)*4^{\wedge}(3+2)+1$
43059114	G	$9^8+(7*65+4)*3^{\wedge}(2+1)$	43065217	G	$9^8+(7+65+4^3)^{\wedge}2*1$
43059412	G	$9^8+(7+6*5)*(4+3)^{\wedge}(2+1)$	43065342	G	$9^8+76*5*(4+3)^{\wedge}2+1$
43059741	G	$9^8+7*(6+5+43^2)^{\wedge}1$	43066222	G	$(9^8+7+6*(54+3)^2)^{\wedge}1$
43059822	G	$9^8+(7+6543)*2+1$	43066300	G	$9^8+7*(65*43+2*1)$
43059947	G	$9^8+(7+65+43)^{\wedge}2+1$	43066307	G	$9^8+7*65*43+21$
43059993	G	$9^8+7*(6+5^4)*3+21$	43066433	G	$9^8+7*(65*43+21)$
43060111	G	$9^8+(7+6)*(5+4^{\wedge}(3+2)+1)$	43066734	G	$9^8+7+6+5^{\wedge}4*32*1$
43060119	G	$9^8+7*(65+43^2)^{\wedge}1$	43066735	G	$9^8+7+6+5^{\wedge}4*32+1$
43060164	G	$9^8+7*6*5*4*3+2+1$	43066763	G	$9^8+7*6+5^{\wedge}4*32*1$
43060245	G	$9^8+7*6*(5*4^3+2)^{\wedge}1$	43066764	G	$9^8+7*6+5^{\wedge}4*32+1$
43060329	G	$9^8+7*6*54*3*2*1$	43066797	G	$9^8+76+5^{\wedge}4*32^{\wedge}1$
43060330	G	$9^8+7*6*54*3*2+1$	43067133	G	$9^8+7*6*54*3^{\wedge}2*1$
43060401	G	$9^8+7*6*5*4*3^{\wedge}2*1$	43067134	G	$9^8+7*6*54*3^{\wedge}2+1$
43060402	G	$9^8+7*6*5*4*3^{\wedge}2+1$	43067140	G	$9^8+7+6*54*3*21$
43060469	G	$9^8+7*(654*3+2*1)$	43067197	G	$9^8+7*65*(43+2)+1$
43060476	G	$9^8+7*654*3+21$	43067214	G	$9^8+7+6+5^{\wedge}4^{\wedge}(3*2*1)$
43060552	G	$(9^8+7+6*(5+43)^2)^{\wedge}1$	43067215	G	$9^8+7+6+5^{\wedge}4^{\wedge}(3*2)+1$
43060602	G	$9^8+7*(654*3+21)$	43067241	G	$9^8+76*54*(3+2)^{\wedge}1$
43060826	G	$9^8+7*65*(4+3^{\wedge}(2+1))$	43067243	G	$9^8+7*6+5^{\wedge}4^{\wedge}(3+2+1)$
43061374	G	$9^8+7+(6+5)^{\wedge}4+3+2^{\wedge}1$	43067244	G	$9^8+7*6+5^{\wedge}4^{\wedge}(3*2)+1$
43061375	G	$9^8+7+(6+5)^{\wedge}4+3*2*1$	43067656	G	$9^8+7+654*32*1$
43061376	G	$9^8+7+(6+5)^{\wedge}4+3*2+1$	43067657	G	$9^8+7+654*32+1$
43061379	G	$9^8+7+(6+5)^{\wedge}4+3^{\wedge}2+1$	43067746	G	$9^8+(76+5+4^3)^{\wedge}2*1$
43061393	G	$9^8+7+(6+5)^{\wedge}4+3+21$	43067747	G	$9^8+(76+5+4^3)^{\wedge}2+1$
43061396	G	$9^8+7+(6+5)^{\wedge}4+3^{\wedge}(2+1)$	43068328	G	$9^8+7+6*(5*4*3)^{\wedge}2^{\wedge}1$
43061401	G	$9^8+7+(6+5)^{\wedge}4+32*1$	43068402	G	$9^8+76+5*4321$
43061402	G	$9^8+7+(6+5)^{\wedge}4+32+1$	43069017	G	$9^8+7*65*(4+3)^{\wedge}2+1$
43061410	G	$9^8+(7*65+4)*32+1$	43069023	G	$9^8+7+65*(4+3)^{\wedge}(2+1)$
43061432	G	$9^8+7+(6+5)^{\wedge}4+3*21$	43069229	G	$9^8+7+6*5^{\wedge}4*3*2+1$
43061690	G	$9^8+7+(6+5)^{\wedge}4+321$	43069401	G	$9^8+7*6*5*4*3^{\wedge}(2+1)$
43062021	G	$9^8+765*4*(3+2)^{\wedge}1$	43069506	G	$9^8+7*(6+(54+3)^2)^{\wedge}1$
43062036	G	$9^8+(7654+3)*2+1$	43069513	G	$9^8+7*(6+(54+3)^2+1)$
43062043	G	$9^8+7+6+(5+4)^3*21$	43069530	G	$9^8+7*6*543+2+1$
43062072	G	$9^8+7*6+(5+4)^3*21$	43069611	G	$9^8+7*6*(543+2*1)$
43062106	G	$9^8+76+(5+4)^3*21$	43069704	G	$9^8+7654*3+21$
43062294	G	$9^8+7+(6^5+4+3)*2*1$	43070070	G	$9^8+7+(6^5+4)*3+2^{\wedge}1$
43062303	G	$9^8+(7+6+(5+4)^3)*21$	43070071	G	$9^8+7+(6^5+4)*3+2+1$
43062346	G	$9^8+(7+6+5+4+3)^{\wedge}(2+1)$	43070349	G	$9^8+7*(6+5+4)^3+2+1$
43062471	G	$9^8+7*6*(54+321)$	43070360	G	$9^8+7*((6+5+4)^3+2^{\wedge}1)$
43062734	G	$9^8+7+6+(5*4)^3*2*1$	43070361	G	$9^8+7*((6+5+4)^3+2)+1$
43062763	G	$9^8+7*6+(5*4)^3*2^{\wedge}1$	43070367	G	$9^8+7*(6+5+4)^3+21$
43062797	G	$9^8+76+(5*4)^3*2^{\wedge}1$	43070409	G	$9^8+7*6*(543+21)$
43063064	G	$9^8+76*5*43+2+1$	43070436	G	$9^8+765*(4+3^{\wedge}(2+1))$

43070493	G	$9^8+7*((6+5+4)^3+21)$	43085248	G	$9^8+7+6*5^4*321$
43070823	G	$9^8+(7+6)*(5+43^2)^{\wedge}1$	43085628	G	$9^8+7+(6^5+4)*(3+2)^{\wedge}1$
43071044	G	$9^8+76*5^4+3+2+1$	43085629	G	$9^8+7+(6^5+4)*(3+2)+1$
43071062	G	$9^8+76*5^4+3+2+1$	43085852	G	$9^8+7*65^4*3^2+1$
43071117	G	$9^8+7+(6+5^4+3)^{\wedge}(2+1)$	43086172	G	$9^8+76+5^4*3^2+1$
43071193	G	$9^8+76*(5^4+3+2)^{\wedge}1$	43086925	G	$9^8+76*(5^4+3)^{\wedge}2+1$
43071330	G	$9^8+(765+4)*32+1$	43086926	G	$9^8+76*(5^4+3)^{\wedge}2+1$
43071334	G	$9^8+7+6*(5+4^{\wedge}(3*2))^{\wedge}1$	43087923	G	$9^8+7*65^4*3^2+1$
43071345	G	$9^8+76*5^4*3^2*1$	43087924	G	$9^8+7*65^4*3^2+1$
43071346	G	$9^8+76*5^4*3^2+1$	43087992	G	$9^8+76*5^4+3+2+1$
43072976	G	$9^8+7*6^5+4+3+2*1$	43088217	G	$9^8+76*(5^4+3+2+1)$
43072995	G	$9^8+7*6^5+4+3+2+1$	43088225	G	$9^8+7*(65+4*3)^{\wedge}2+1$
43073003	G	$9^8+7*6^5+4+3+2^{\wedge}1$	43090653	G	$9^8+7+(6+5)^{\wedge}4*3+2^{\wedge}1$
43073004	G	$9^8+7*6^5+4+3+2+1$	43090654	G	$9^8+7+(6+5)^{\wedge}4*3+2+1$
43073006	G	$9^8+7*(6^5+4+3+2)^{\wedge}1$	43090660	G	$9^8+7*((6+5)^{\wedge}4+3)*(2+1)$
43073007	G	$9^8+7*6+(5+4^3)^{\wedge}2+1$	43090667	G	$9^8+(7+(6+5)^{\wedge}4)*3+2^{\wedge}1$
43073013	G	$9^8+7*(6^5+4+3^2)^{\wedge}1$	43090672	G	$9^8+7+(6+5)^{\wedge}4*3+2+1$
43073034	G	$9^8+7*6^5+4+3^2+1$	43090674	G	$9^8+(7+(6+5)^{\wedge}4+3)*(2+1)$
43073041	G	$9^8+76+(5+4^3)^{\wedge}2+1$	43092333	G	$9^8+7*6^5*4^3*2^2+1$
43073169	G	$9^8+7*6*(5+(4+3)^{\wedge}(2+1))$	43092334	G	$9^8+7*6^5*4^3*2+1$
43073195	G	$9^8+7*(6^5+4+3+2)^{\wedge}1$	43092525	G	$9^8+7*6^5*4^3+2+1$
43073292	G	$9^8+7*6^5+4+3+2+1$	43092536	G	$9^8+7*(6^5*4^3+2^2+1)$
43073601	G	$9^8+7*6^5*4^3+2+1$	43092543	G	$9^8+7*6^5*4^3+2+1$
43073602	G	$9^8+7*6^5*4^3+2+1$	43092646	G	$9^8+7*6^5*4^3*2+1$
43073721	G	$9^8+(7+6+5+4^3)^{\wedge}(2+1)$	43092669	G	$9^8+7*(6^5*4^3+2+1)$
43074190	G	$9^8+7*6^5*4^3*2+1$	43092959	G	$9^8+7+6+(5^4+3)^{\wedge}2+1$
43074261	G	$9^8+765*4^3*2^{\wedge}1$	43093022	G	$9^8+76+(5^4+3)^{\wedge}2+1$
43074262	G	$9^8+765*4^3*2+1$	43093377	G	$9^8+(7+6+5^4+3)^{\wedge}(2+1)$
43074315	G	$9^8+7*6*(5^4+3+2)^{\wedge}1$	43093409	G	$9^8+7+(6^5+4)*3^2+1$
43074505	G	$9^8+7*(6+5+4+3)^{\wedge}2+1$	43093971	G	$9^8+7*(6+5+4)^{\wedge}3*2^2+1$
43074511	G	$9^8+7*((6+5+4+3)^{\wedge}2+1)$	43093972	G	$9^8+7*(6+5+4)^{\wedge}3*2+1$
43074953	G	$9^8+7+(6+5+4^3)^{\wedge}2+1$	43094226	G	$9^8+76^5+4^3+2+1$
43075026	G	$9^8+765*(4+3+2+1)$	43094230	G	$9^8+76^5+4^3+2+1$
43075221	G	$9^8+76*(5+4+3+2+1)$	43094231	G	$9^8+76^5+4^3+2+1$
43075295	G	$9^8+7+6*(5+4^3)^{\wedge}2+1$	43094245	G	$9^8+76^5+4^3+2+1$
43075470	G	$9^8+7*(6+5+4^{\wedge}(3*2))^{\wedge}1$	43094253	G	$9^8+76^5+4^3+2+1$
43075603	G	$9^8+7*(6^5+4^{\wedge}(3*2))^{\wedge}1$	43094254	G	$9^8+76^5+4^3+2+1$
43075862	G	$9^8+7*65^4+3+2+1$	43094542	G	$9^8+76^5+4^3+2+1$
43076017	G	$9^8+7+((6+5)^{\wedge}4+3)^{\wedge}2+1$	43094601	G	$9^8+76*(5^4+3+2)^{\wedge}1$
43076023	G	$9^8+(7+(6+5)^{\wedge}4+3)^{\wedge}2+1$	43094730	G	$9^8+7+6*(5^4+3)^{\wedge}2+1$
43076206	G	$9^8+7+6*(5+4^3)^{\wedge}(2+1)$	43094740	G	$9^8+7+6*((5^4+3)^{\wedge}2+1)^{\wedge}1$
43076673	G	$9^8+(7+6)*(5+4+3)^{\wedge}2+1$	43094905	G	$9^8+76*(5^4+3+2)^{\wedge}1$
43076751	G	$9^8+7*65*(4+3+2)^{\wedge}1$	43095361	G	$9^8+76^5*4^3*2+1$
43076961	G	$9^8+7*6^5*(4^3)^{\wedge}2+1$	43095362	G	$9^8+76^5*4^3*2+1$
43077045	G	$9^8+7*(6+5+4+3+2+1)$	43095570	G	$9^8+7+(6+5^4+3)^{\wedge}2+1$
43077213	G	$9^8+7*(6+5^4*3)^{\wedge}2+1$	43095702	G	$9^8+765^4*3+2+1$
43077214	G	$9^8+7*(6+5^4*3)^{\wedge}2+1$	43096005	G	$9^8+(7*6^5+4^3)^{\wedge}2+1$
43077341	G	$9^8+7*6*(5+4)^{\wedge}3+2+1$	43096006	G	$9^8+(7*6^5+4^3)^{\wedge}2+1$
43077342	G	$9^8+7*6*(5+4)^{\wedge}3+2+1$	43096653	G	$9^8+76*(5^4+3+2)^{\wedge}1$
43077347	G	$9^8+(7+6+5+4^3)^{\wedge}2+1$	43097211	G	$9^8+765*(4^3+2)^{\wedge}1$
43077353	G	$9^8+7*(6*(5+4)^{\wedge}3+2)^{\wedge}1$	43097976	G	$9^8+765*(4+3+2+1)$
43077360	G	$9^8+7*6*(5+4)^{\wedge}3+2+1$	43099456	G	$9^8+7+(6+5^4)^{\wedge}3*(2+1)$
43077423	G	$9^8+7*(6+5+4+3+2+1)$	43099470	G	$9^8+(7+(6+5^4)^{\wedge}3)*(2+1)$
43077449	G	$9^8+7+6^5*4^{\wedge}(3+2)+1$	43099641	G	$9^8+7*6^5*4^3*2+1$
43077826	G	$9^8+(7+65)*4^3+2+1$	43101055	G	$9^8+7+6+5+4+3+2+1$
43077842	G	$9^8+7+6^5+4+3^2+1$	43101162	G	$9^8+7*6^5+4+3+2+1$
43079320	G	$9^8+7+6^5*4^3+2+1$	43101163	G	$9^8+7*6^5+4+3+2+1$
43079321	G	$9^8+7+6^5*4^3+2+1$	43101164	G	$9^8+7*6^5+4+3+2+1$
43079401	G	$9^8+76^5*4^3*2+1$	43101166	G	$9^8+7*6^5+4+3+2+1$
43079402	G	$9^8+76^5*4^3*2+1$	43101173	G	$9^8+7*6^5+4*(3+2)^{\wedge}1$
43079619	G	$9^8+765^4+3+2+1$	43101177	G	$9^8+7*6^5+4*3^2+1$
43079637	G	$9^8+765^4+3+2+1$	43101190	G	$9^8+7*6^5+4+3+2+1$
43079933	G	$9^8+76*(5+4+3+2+1)$	43101199	G	$9^8+7*6^5+4+3+2+1$
43082603	G	$9^8+7*(6+5^4)^{\wedge}(3+2)^{\wedge}1$	43101202	G	$9^8+7*6^5+(4+3)^{\wedge}2+1$
43082661	G	$9^8+(7+6+5^4)^{\wedge}3+2+1$	43101203	G	$9^8+7*6^5+(4+3)^{\wedge}2+1$
43082679	G	$9^8+(7+6+5^4)^{\wedge}3+2+1$	43101216	G	$9^8+7*(6^5+4+3+2)^{\wedge}1$
43084024	G	$9^8+7*(6^5+4+3)^{\wedge}2+1$	43101219	G	$9^8+7*6^5+4^3+2+1$
43084025	G	$9^8+7*(6^5+4+3)^{\wedge}2+1$	43101220	G	$9^8+7*6^5+4+3+2+1$
43084206	G	$9^8+765*(4+3)^{\wedge}2+1$	43101223	G	$9^8+7*(6^5+4+3^2)^{\wedge}1$
43084207	G	$9^8+765*(4+3)^{\wedge}2+1$	43101240	G	$9^8+7*6^5+4+3+2+1$

43101244	G	$9^8+7*(6^5+4+3^2)^{\wedge}1$	43123267	G	$9^8+76543+2+1$
43101245	G	$9^8+7*(6^5+4+3^2)+1$	43124909	G	$9^8+7*6+5^{\wedge}(4+3)+2+1$
43101251	G	$9^8+7*(6^5+4*3+2)^{\wedge}1$	43124925	G	$9^8+76+5^{\wedge}(4+3)+2+1$
43101261	G	$9^8+7*6^5+4*3^{\wedge}(2+1)$	43124926	G	$9^8+76*(5+4^{\wedge}(3+2))+1$
43101293	G	$9^8+7*(6^5+4*(3+2*1))$	43124943	G	$9^8+76+5^{\wedge}(4+3)+2+1$
43101297	G	$9^8+(7*6^5+(4*3)^{\wedge}2)^{\wedge}1$	43125001	G	$9^8+76*(5+4^{\wedge}(3+2)+1)$
43101321	G	$9^8+7*(6^5+4*3^2)^{\wedge}1$	43125336	G	$9^8+7+(6*5+4)^{\wedge}3*2+1$
43101370	G	$9^8+7*(6^5+4+3^{\wedge}(2+1))$	43125337	G	$9^8+7+(6*5+4)^{\wedge}3*2+1$
43101405	G	$9^8+7*6^5+4*3*2+1$	43125344	G	$9^8+(7+(6*5+4)^{\wedge}3)*2+1$
43101441	G	$9^8+76*5*(4*3)^{\wedge}2+1$	43125473	G	$9^8+7*6*5^{\wedge}4*3+2+1$
43101496	G	$9^8+7*(6^5+(4+3)^{\wedge}2)^{\wedge}1$	43125474	G	$9^8+7*6*5^{\wedge}4*3+2+1$
43101497	G	$9^8+7*(6^5+(4+3)^{\wedge}2)+1$	43125492	G	$9^8+7*6*5^{\wedge}4*3+2+1$
43101615	G	$9^8+7*(6^5+4^{\wedge}3+2)^{\wedge}1$	43126246	G	$9^8+7+6+5+43^{\wedge}(2+1)$
43101755	G	$9^8+7*(6^5+43^2)^{\wedge}1$	43126265	G	$9^8+7+6*5+43^{\wedge}(2+1)$
43102049	G	$9^8+7*(6^5+4*32)^{\wedge}1$	43126275	G	$9^8+7*6+5+43^{\wedge}(2+1)$
43102056	G	$9^8+7*6^5+43*2+1$	43126300	G	$9^8+7+65+43^{\wedge}(2+1)$
43102146	G	$9^8+76*(5+4)^{\wedge}3+2+1$	43126309	G	$9^8+76+5+43^{\wedge}(2+1)$
43102161	G	$9^8+7*(6^5+(4*3)^{\wedge}2)^{\wedge}1$	43126993	G	$9^8+765+43^{\wedge}(2+1)$
43102177	G	$9^8+7*6^5+4^{\wedge}(3+2)*1$	43129341	G	$9^8+765*4*3^{\wedge}(2+1)$
43102199	G	$9^8+7*6^5*43^2+1$	43129665	G	$9^8+(76+5)*4^{\wedge}(3+2+1)$
43102277	G	$9^8+76*(5+4)^{\wedge}3+2+1$	43129666	G	$9^8+(76+5)*4^{\wedge}(3+2)+1$
43102353	G	$9^8+76*(5+4)^{\wedge}3+2+1$	43129746	G	$9^8+(76+5)*(4^{\wedge}(3+2)+1)$
43102437	G	$9^8+7*6^5+4*32+1$	43131400	G	$9^8+7*(6^5+432+1)$
43102777	G	$9^8+7*(6+(5*4)^{\wedge}3+2)^{\wedge}1$	43131403	G	$9^8+(76+5*43)^{\wedge}2+1$
43103002	G	$9^8+7*6^5+43^2+1$	43131905	G	$9^8+(7+6*5+4+3)^{\wedge}(2+1)$
43103003	G	$9^8+7*6^5+43^2+1$	43131932	G	$9^8+7*(6+(5*4+3)^{\wedge}(2+1))$
43103366	G	$9^8+(76+54*3)^{\wedge}2+1$	43134011	G	$9^8+7+6^5+43^{\wedge}(2+1)$
43103554	G	$9^8+7*(6^5+(4+3)^{\wedge}(2+1))$	43134575	G	$9^8+7+(6+5)^{\wedge}4*3*2+1$
43104177	G	$9^8+7*(6^5+432)^{\wedge}1$	43134609	G	$9^8+(7+(6+5)^{\wedge}4)*3*2+1$
43104961	G	$9^8+7*65*4*32*1$	43137441	G	$9^8+7*6*5*432*1$
43104962	G	$9^8+7*65*4*32+1$	43137442	G	$9^8+7*6*5*432+1$
43105250	G	$9^8+7*6^5+4^{\wedge}(3*2)+1$	43138324	G	$9^8+7*6543*2+1$
43105423	G	$9^8+7+65*43*2+1$	43138582	G	$9^8+7+6*(5+4)^{\wedge}3*2+1$
43105474	G	$9^8+7*6^5+432+1$	43140043	G	$9^8+7+6^5*4*3+2+1$
43105812	G	$9^8+7*6+(5+4)^{\wedge}(3+2)*1$	43140061	G	$9^8+7+6^5*4*3+2+1$
43107957	G	$9^8+7*6*54*3^{\wedge}(2+1)$	43144642	G	$9^8+765*4*3+2+1$
43108321	G	$9^8+7*(6^5+4^{\wedge}(3+2))^{\wedge}1$	43147900	G	$9^8+(7+6^5)*4(3+2)^{\wedge}1$
43108322	G	$9^8+7*(6^5+4^{\wedge}(3+2))+1$	43149134	G	$9^8+7+6+(5*4^{\wedge}3)^{\wedge}2+1$
43108328	G	$9^8+7*(6^5+4^{\wedge}(3+2)+1)$	43149163	G	$9^8+7*6+(5*4^{\wedge}3)^{\wedge}2+1$
43108627	G	$9^8+(7+6)*(5+4^{\wedge}3)^{\wedge}2+1$	43149197	G	$9^8+76+(5*4^{\wedge}3)^{\wedge}2+1$
43110590	G	$9^8+(7+6)*(5+4*3)^{\wedge}(2+1)$	43149213	G	$9^8+7*(6+5)^{\wedge}4+3+2*1$
43110730	G	$9^8+(7*6^5+43)^{\wedge}2*1$	43149214	G	$9^8+7*(6+5)^{\wedge}4+3*2*1$
43110731	G	$9^8+(7*6^5+43)^{\wedge}2+1$	43149217	G	$9^8+7*(6+5)^{\wedge}4+3^{\wedge}2+1$
43111746	G	$9^8+765*(4^{\wedge}3+2+1)$	43149231	G	$9^8+7*((6+5)^{\wedge}4+3)+2*1$
43112160	G	$9^8+7+65432*1$	43149232	G	$9^8+7*(6+5)^{\wedge}4+3+2+1$
43112161	G	$9^8+7+65432+1$	43149235	G	$9^8+7*(6+5)^{\wedge}4+3^{\wedge}(2+1)$
43112241	G	$9^8+7*65*(4*3)^{\wedge}2+1$	43149241	G	$9^8+7*(6+5)^{\wedge}4+3+2+1$
43112512	G	$9^8+765*43*2+1$	43149243	G	$9^8+7*((6+5)^{\wedge}4+3+2)^{\wedge}1$
43112770	G	$9^8+(7*6+5*43)^{\wedge}2*1$	43149244	G	$9^8+7*((6+5)^{\wedge}4+3+2)+1$
43112771	G	$9^8+(7*6+5*43)^{\wedge}2+1$	43149250	G	$9^8+7*((6+5)^{\wedge}4+3)+2+1$
43113353	G	$9^8+7+65*(4^{\wedge}(3+2)+1)$	43149251	G	$9^8+7*((6+5)^{\wedge}4+3*2)+1$
43114096	G	$9^8+7*(6^5+43^2)^{\wedge}1$	43149271	G	$9^8+7*(6+5)^{\wedge}4+3*2+1$
43115146	G	$9^8+7+6*543*2+1$	43149376	G	$9^8+7*((6+5)^{\wedge}4+3+2+1)$
43115607	G	$9^8+7654*3^{\wedge}2+1$	43149397	G	$9^8+7*((6+5)^{\wedge}4+3^{\wedge}(2+1))$
43115645	G	$9^8+(7+6*5+4)^{\wedge}3+2+1$	43149432	G	$9^8+7*((6+5)^{\wedge}4+3^{\wedge}2+1)$
43115663	G	$9^8+(7+6*5+4)^{\wedge}3+2+1$	43149433	G	$9^8+7*((6+5)^{\wedge}4+3+2)+1$
43115729	G	$9^8+76*(5+43*2+1)$	43149439	G	$9^8+7*((6+5)^{\wedge}4+3+2+1)$
43116712	G	$9^8+7+6^5*(4+3+2)^{\wedge}1$	43149529	G	$9^8+7*(6+5)^{\wedge}4+3+2+1$
43117537	G	$9^8+7*6^5+4^{\wedge}(3*2+1)$	43149649	G	$9^8+7*(6+5)^{\wedge}4+3*2+1$
43117603	G	$9^8+7+(6+5+4)^{\wedge}3*2+1$	43150732	G	$9^8+7+6*54*32+1$
43117743	G	$9^8+(7+(6+5+4)^{\wedge}3)*2+1$	43151702	G	$9^8+(7+6+5)^{\wedge}4+3+2+1$
43119297	G	$9^8+7*6*54*32*1$	43151703	G	$9^8+(7+6+5)^{\wedge}4+3+2+1$
43119622	G	$9^8+(7+65*4+3)^{\wedge}2+1$	43151704	G	$9^8+(7+6+5)^{\wedge}4+3*2+1$
43119730	G	$9^8+7+6*(5*4+3)^{\wedge}(2+1)$	43151707	G	$9^8+(7+6+5)^{\wedge}4+3*2+1$
43119933	G	$9^8+7+(6+5)^{\wedge}4*(3+2+1)$	43151721	G	$9^8+(7+6+5)^{\wedge}4+3+2+1$
43120449	G	$9^8+(7+65)*4^{\wedge}(3+2+1)$	43151724	G	$9^8+(7+6+5)^{\wedge}4+3^{\wedge}(2+1)$
43120450	G	$9^8+(7+65)*4^{\wedge}(3+2)+1$	43151729	G	$9^8+(7+6+5)^{\wedge}4+3^{\wedge}2+1$
43120521	G	$9^8+(7+65)*(4^{\wedge}(3+2)+1)$	43151730	G	$9^8+(7+6+5)^{\wedge}4+3+2+1$
43123261	G	$9^8+7654*(3^{\wedge}2+1)$	43151760	G	$9^8+(7+6+5)^{\wedge}4+3*2+1$
43123266	G	$9^8+76543+2^{\wedge}1$	43152625	G	$9^8+7*(6*5*4+3)^{\wedge}2+1$

43153005	G	$9^8+7+(6+5^4 \cdot 3)^2+1$	43164916	G	$9^8+7^6+543+2+1$
43154532	G	$9^8+(7+6+5^4)^3 \cdot (2+1)$	43164934	G	$9^8+7^6+543+2+1$
43155592	G	$9^8+7+6^5 \cdot (4^3+2)^1$	43164937	G	$9^8+7^6+(5+4)^3 \cdot 2+1$
43157326	G	$9^8+7+6+(5+43)^2(2+1)$	43165001	G	$9^8+7^6+5^4+3+2+1$
43157355	G	$9^8+7^6+(5+43)^2(2+1)$	43165002	G	$9^8+7^6+5^4+3^2+1$
43157529	G	$9^8+76^5 \cdot 4^3 \cdot 2(2+1)$	43165004	G	$9^8+7^6+5^4+3^2 \cdot 1$
43157530	G	$9^8+76^5 \cdot (5+4)^3 \cdot 2+1$	43165005	G	$9^8+7^6+5^4+3^2+1$
43157610	G	$9^8+(7+6+5^4 \cdot 3)^2 \cdot 1$	43165011	G	$9^8+7^6+5^4 \cdot 3^2+1$
43157611	G	$9^8+(7+6+5^4 \cdot 3)^2+1$	43165015	G	$9^8+7^6+5^4 \cdot (4^3+2+1)$
43158278	G	$9^8+(7+6^5+43)^2+1$	43165019	G	$9^8+7^6+5^4+3+2+1$
43161619	G	$9^8+7^6 \cdot (6^5+4^3 \cdot (3^2+1))$	43165022	G	$9^8+7^6+5^4+3^2(2+1)$
43163209	G	$9^8+7^6 \cdot (65+4^3)^2+1$	43165030	G	$9^8+7^6+5^4 \cdot (3^2+1)$
43164395	G	$9^8+7^6+5^4+3+2^*1$	43165090	G	$9^8+7^6+5^4 \cdot (4^3)^2 \cdot 1$
43164397	G	$9^8+7^6+5^4+3^2+1$	43165101	G	$9^8+7^6+(5+4)^3+2^*1$
43164399	G	$9^8+7^6+5^4+3^2 \cdot 1$	43165102	G	$9^8+7^6+(5+4)^3+2+1$
43164403	G	$9^8+7^6+5+4+3+2+1$	43165105	G	$9^8+7^6+5^4 \cdot (4+3)^2 \cdot 1$
43164411	G	$9^8+7^6+5+4+3^2 \cdot 1$	43165120	G	$9^8+7^6+(5+4)^3+2+1$
43164412	G	$9^8+7^6+5+4+3^2+1$	43165316	G	$9^8+7^6+5^4+3^2+1$
43164414	G	$9^8+7^6+5^4+3+2+1$	43165399	G	$9^8+7^6+5+4^3(3+2^*1)$
43164415	G	$9^8+7^6+5^4 \cdot (4+3+2)^1$	43165400	G	$9^8+7^6+5^4 \cdot (3^2+1)$
43164417	G	$9^8+7^6+5^4+3^2(2+1)$	43165456	G	$9^8+7^6+543^2 \cdot 1$
43164420	G	$9^8+7^6+5+4+3+2^*1$	43165457	G	$9^8+7^6+543^2+1$
43164421	G	$9^8+7^6+5+4+3+2+1$	43165630	G	$9^8+7^6+5^4 \cdot 3^2+1$
43164422	G	$9^8+7^6+5^4+3^2 \cdot 1$	43165659	G	$9^8+7^6+5+4^3 \cdot 2+1$
43164423	G	$9^8+7^6+5^4+3+2+1$	43165666	G	$9^8+7^6+54^3 \cdot (3+2+1)$
43164429	G	$9^8+7^6+5+4+3+2^*1$	43165719	G	$9^8+7^6+5+4^3 \cdot 2+1$
43164430	G	$9^8+7^6+5+4+3+2+1$	43165828	G	$9^8+7^6+54^3 \cdot (2+1)$
43164431	G	$9^8+7^6+5+4+3^2+1$	43165829	G	$9^8+7^6+(5+4)^3 \cdot 2+1$
43164432	G	$9^8+7^6+5^4 \cdot 3+2^*1$	43166099	G	$9^8+7^6+54^3 \cdot 2+1$
43164433	G	$9^8+7^6+5+4+3^2 \cdot 1$	43166103	G	$9^8+7^6+5+(4^3)^2(2+1)$
43164434	G	$9^8+7^6+5+4+3^2+1$	43166152	G	$9^8+7^6+54^3 \cdot (3+2+1)$
43164435	G	$9^8+7^6+5^4 \cdot (4+3^2)^1$	43166224	G	$9^8+7^6+5+4^3 \cdot 2^*1$
43164436	G	$9^8+7^6+5^4 \cdot (4+3^2)+1$	43166225	G	$9^8+7^6+5+4^3 \cdot 2+1$
43164439	G	$9^8+7^6+5+4+3+2+1$	43166247	G	$9^8+7^6+5^4 \cdot 3+2^*1$
43164440	G	$9^8+7^6+5^4 \cdot (4^3+2)^1$	43166266	G	$9^8+7^6+5^4 \cdot 3+2+1$
43164441	G	$9^8+7^6+5+4^3+2^*1$	43166530	G	$9^8+7^6+5^4 \cdot 3^2+1$
43164442	G	$9^8+7^6+5+4+3^2+1$	43166531	G	$9^8+7^6+5^4 \cdot 3^2+1$
43164453	G	$9^8+7^6+5^4+3^2+1$	43166535	G	$9^8+7^6+5^4 \cdot (4^3+2+1)$
43164456	G	$9^8+7^6+5+4+3+2+1$	43166557	G	$9^8+7^6+(5+4)^3 \cdot (2+1)$
43164457	G	$9^8+7^6+5+4+3+2+1$	43166675	G	$9^8+7^6+5+4^3 \cdot 2+1$
43164460	G	$9^8+7^6+5+4^3+2+1$	43166729	G	$9^8+7^6+5^4 \cdot 3^2+1$
43164462	G	$9^8+7^6+5+4^3 \cdot 2+1$	43166913	G	$9^8+7^6+65^4 \cdot 3^2 \cdot 1$
43164466	G	$9^8+7^6+(5+43)^2 \cdot 1$	43167259	G	$9^8+7^6+(5+4)^3 \cdot 2+1$
43164470	G	$9^8+7^6+5^4 \cdot (3+2)^1$	43167495	G	$9^8+7^6+5^4 \cdot (3+2)^1$
43164490	G	$9^8+7^6+5^4 \cdot 3^2 \cdot 1$	43167620	G	$9^8+7^6+(5+4+3)^2+1$
43164491	G	$9^8+7^6+5^4 \cdot 3^2+1$	43167772	G	$9^8+7^6+54^3 \cdot 3^2+1$
43164504	G	$9^8+7^6+5+4^3 \cdot 2+1$	43167970	G	$9^8+7^6+(5^4 \cdot 3)^2 \cdot 1$
43164515	G	$9^8+7^6+(5+4+3)^2+1$	43168121	G	$9^8+7^6+5^4 \cdot 3^2+1$
43164519	G	$9^8+7^6+5+(4^3)^2 \cdot 1$	43168472	G	$9^8+7^6+5+4^3(3^2+1)$
43164520	G	$9^8+7^6+5+(4^3)^2+1$	43169131	G	$9^8+7^6+(5+4^3)^2 \cdot 1$
43164525	G	$9^8+7^6+5^4 \cdot (4+3^2(2+1))$	43169132	G	$9^8+7^6+(5+4^3)^2+1$
43164534	G	$9^8+7^6+5+4^3+2^*1$	43169490	G	$9^8+7^6+5^4 \cdot 3^2 \cdot 1$
43164535	G	$9^8+7^6+5+4^3+2+1$	43169491	G	$9^8+7^6+5^4 \cdot (3+2+1)$
43164550	G	$9^8+7^6+5^4 \cdot 3^2 \cdot 1$	43169495	G	$9^8+7^6+5^4 \cdot (4^3(3+2)+1)$
43164553	G	$9^8+7^6+5+4^3+2+1$	43169609	G	$9^8+7^6+5^4 \cdot (3^2+1)$
43164606	G	$9^8+7^6+5^4 \cdot 3+2+1$	43169756	G	$9^8+7^6 \cdot (6+5^4)^3+2+1$
43164615	G	$9^8+7^6+5^4 \cdot (4+3)^2 \cdot 1$	43169774	G	$9^8+7^6 \cdot (6+5^4)^3+2+1$
43164616	G	$9^8+7^6+5^4 \cdot (4+3)^2+1$	43169995	G	$9^8+7^6+5^4 \cdot 3^2 \cdot 1$
43164627	G	$9^8+7^6+5+4^3 \cdot 2+1$	43169996	G	$9^8+7^6+5^4 \cdot 3^2+1$
43164654	G	$9^8+(7+(6^5+4)^3) \cdot (2+1)$	43170327	G	$9^8+7^6 \cdot 65^4 \cdot 3^2(2+1)$
43164659	G	$9^8+7^6+(5+4)^3 \cdot 2+1$	43170790	G	$9^8+7^6+5^4 \cdot 3^2+1$
43164660	G	$9^8+7^6+(5+4^3)^2+1$	43171090	G	$9^8+7^6+5^4 \cdot 3^2+1$
43164693	G	$9^8+7^6+5^4 \cdot 3+2+1$	43172372	G	$9^8+7^6+(5^4)^3+2^*1$
43164695	G	$9^8+7^6+5+4^3 \cdot 2+1$	43173010	G	$9^8+7^6+5^4 \cdot (4^3)^2(2+1)$
43164700	G	$9^8+7^6+5+4+3+2+1$	43173615	G	$9^8+7^6+5^4 \cdot 3^2 \cdot 1$
43164711	G	$9^8+7^6+5^4+3+2+1$	43173616	G	$9^8+7^6+5^4 \cdot 3^2+1$
43164745	G	$9^8+7^6+5+4+3+2+1$	43175773	G	$9^8+7^6+543^2+1$
43164900	G	$9^8+7^6+(5^4+3)^2+1$	43176537	G	$9^8+7^6+(5^4+3)^2(2+1)$
43164910	G	$9^8+7^6+5^4 \cdot 3^2(2+1)$	43177061	G	$9^8+76^5 \cdot (4+3)^2(2+1)$
43164915	G	$9^8+7^6+543+2^*1$	43177766	G	$9^8+(7^6+5^4 \cdot 3)^2+1$

43177971	G	$9^8+7*6^5*4*(3+2)^{\wedge}1$	43264473	G	$9^8+7*6^5*4+3+21$
43179374	G	$9^8+(7*6+5+4)^{\wedge}3+2^{\wedge}1$	43264476	G	$9^8+7*6^5*4+3^{\wedge}2+1$
43179375	G	$9^8+(7*6+5+4)^{\wedge}3+2+1$	43264512	G	$9^8+7*(6^5*4+3^{\wedge}2)^{\wedge}1$
43179393	G	$9^8+(7*6+5+4)^{\wedge}3+21$	43264673	G	$9^8+7*(6^5*4+32)^{\wedge}1$
43179679	G	$9^8+7^{\wedge}6+(5+4)^{\wedge}3*21$	43266770	G	$9^8+7^{\wedge}6+(5*4^{\wedge}3)^{\wedge}2^{\wedge}1$
43181245	G	$9^8+7^{\wedge}6+5^{\wedge}4*3^{\wedge}(2+1)$	43270329	G	$9^8+(7+6+5+4)^{\wedge}3*21$
43187625	G	$9^8+76*(5+43^{\wedge}2)^{\wedge}1$	43273702	G	$9^8+(7+6+5+43)^{\wedge}(2+1)$
43189223	G	$9^8+76*5^{\wedge}4*3+2*1$	43274962	G	$9^8+7^{\wedge}6+(5+43)^{\wedge}(2+1)$
43189224	G	$9^8+76*5^{\wedge}4*3+2+1$	43276350	G	$9^8+76543*(2+1)$
43189242	G	$9^8+76*5^{\wedge}4*3+21$	43291649	G	$9^8+7654*32*1$
43190123	G	$9^8+7*(6+5*4^{\wedge}(3*2))^{\wedge}1$	43291650	G	$9^8+7654*32+1$
43190614	G	$9^8+7^{\wedge}6+(54*3)^{\wedge}2^{\wedge}1$	43293645	G	$9^8+76*(54+3)^{\wedge}2*1$
43193201	G	$9^8+(7+(6+5)^{\wedge}4)*(3^{\wedge}2+1)$	43294725	G	$9^8+(7*65+43)^{\wedge}2*1$
43196490	G	$9^8+(76*5+4+3)^{\wedge}2*1$	43295346	G	$9^8+765*(4+321)$
43196491	G	$9^8+(76*5+4+3)^{\wedge}2+1$	43296775	G	$9^8+7+(6+54+3)^{\wedge}(2+1)$
43197921	G	$9^8+(7*6*(5*4*3)^{\wedge}2)^{\wedge}1$	43299303	G	$9^8+7654*(32+1)$
43198273	G	$9^8+(7+6*5)*4^{\wedge}(3+2+1)$	43305273	G	$9^8+76*54*3*21$
43202991	G	$9^8+7+(6+5^{\wedge}(4+3))^*2+1$	43308902	G	$9^8+7+6*5+4^{\wedge}3^{\wedge}2^{\wedge}1$
43203014	G	$9^8+7*6+5^{\wedge}(4+3)*2+1$	43308912	G	$9^8+7*6+5+4^{\wedge}3^{\wedge}2^{\wedge}1$
43203055	G	$9^8+(7*6+5^{\wedge}(4+3))^*2^{\wedge}1$	43309075	G	$9^8+7*6*5+4^{\wedge}3^{\wedge}2^{\wedge}1$
43203056	G	$9^8+(7*6+5^{\wedge}(4+3))^*2+1$	43309116	G	$9^8+765*(4+3)^{\wedge}(2+1)$
43203123	G	$9^8+(76+5^{\wedge}(4+3))^*2^{\wedge}1$	43309245	G	$9^8+76*5+4^{\wedge}3^{\wedge}2^{\wedge}1$
43203124	G	$9^8+(76+5^{\wedge}(4+3))^*2+1$	43309320	G	$9^8+7*65+4^{\wedge}3^{\wedge}2^{\wedge}1$
43203537	G	$9^8+(76+5*4^{\wedge}3)^{\wedge}2^{\wedge}1$	43309630	G	$9^8+765+4^{\wedge}3^{\wedge}2^{\wedge}1$
43203745	G	$9^8+7^{\wedge}6+5^{\wedge}4*3*21$	43312023	G	$9^8+(7*6+5+4)^{\wedge}3*2^{\wedge}1$
43204192	G	$9^8+7+(6+5+43)^{\wedge}(2+1)$	43312024	G	$9^8+(7*6+5+4)^{\wedge}3*2+1$
43204200	G	$9^8+7+6+54^{\wedge}3+2*1$	43312969	G	$9^8+7+65*4^{\wedge}(3*2)+1$
43204201	G	$9^8+7+6+54^{\wedge}3+2+1$	43316082	G	$9^8+(7*65+4^{\wedge}3)^{\wedge}2*1$
43204219	G	$9^8+7+6+54^{\wedge}3+21$	43316361	G	$9^8+7*6*5*4*321$
43204222	G	$9^8+7*6*5^{\wedge}4*3*2+1$	43320321	G	$9^8+76*(5*4*3)^{\wedge}2^{\wedge}1$
43204230	G	$9^8+7*6+54^{\wedge}3+2+1$	43320621	G	$9^8+7^{\wedge}6+5^{\wedge}(4+3)*2+1$
43204264	G	$9^8+76+54^{\wedge}3+2+1$	43321346	G	$9^8+(7*6+5*4+3)^{\wedge}(2+1)$
43210115	G	$9^8+7*((6^{\wedge}5+4)*3+2)^{\wedge}1$	43326664	G	$9^8+7+6^{\wedge}5*4*3^{\wedge}2^{\wedge}1$
43210595	G	$9^8+7^{\wedge}6+(5*43)^{\wedge}2^{\wedge}1$	43326665	G	$9^8+7+6^{\wedge}5*4*3^{\wedge}2+1$
43210927	G	$9^8+7+(6^{\wedge}5+43)*21$	43326909	G	$9^8+(7+6^{\wedge}5)*(4+32^{\wedge}1)$
43217444	G	$9^8+7*(6+5*4+3)^{\wedge}(2+1)$	43327593	G	$9^8+7+65*4321$
43223420	G	$9^8+7^{\wedge}6+(5+4)^{\wedge}(3+2)+1$	43331722	G	$9^8+76*5^{\wedge}4*3*2+1$
43225650	G	$9^8+(76*5+43)^{\wedge}2*1$	43334224	G	$9^8+7+(6+5*4*3)^{\wedge}(2+1)$
43226952	G	$9^8+7+(6+5)*4^{\wedge}(3*2+1)$	43335135	G	$9^8+7*654*3*21$
43230417	G	$9^8+7654*(3+21)$	43341612	G	$9^8+7*6+543^{\wedge}2^{\wedge}1$
43231927	G	$9^8+7+6+(54+3)^{\wedge}(2+1)$	43341613	G	$9^8+7*6+543^{\wedge}2+1$
43231956	G	$9^8+7*6+(54+3)^{\wedge}(2+1)$	43341646	G	$9^8+76+543^{\wedge}2^{\wedge}1$
43231990	G	$9^8+76+(54+3)^{\wedge}(2+1)$	43341647	G	$9^8+76+543^{\wedge}2+1$
43233352	G	$9^8+7+6^{\wedge}5*4*3*2^{\wedge}1$	43347505	G	$9^8+(7+6+54)^{\wedge}3+21$
43233353	G	$9^8+7+6^{\wedge}5*4*3*2+1$	43348129	G	$9^8+7+(6+54)^{\wedge}2*1$
43236351	G	$9^8+7*6*5*43*21$	43349563	G	$9^8+7^{\wedge}6+(5+4+3)^{\wedge}(2+1)$
43239233	G	$9^8+(7*6+5)*4^{\wedge}(3+2+1)$	43354203	G	$9^8+7*(6+5)^{\wedge}4*3+21$
43239501	G	$9^8+7654*3*21$	43354392	G	$9^8+(7+(6+5)^{\wedge}4+3)*21$
43242497	G	$9^8+7^{\wedge}6+5^{\wedge}(4+3)+2*1$	43361651	G	$9^8+(7+6+5)^{\wedge}4*3+2^{\wedge}1$
43242516	G	$9^8+7^{\wedge}6+5^{\wedge}(4+3)+21$	43361652	G	$9^8+(7+6+5)^{\wedge}4*3+2+1$
43244290	G	$9^8+7*(6+54*3)^{\wedge}2+1$	43361662	G	$9^8+7+6+54^{\wedge}3*2*1$
43246290	G	$9^8+7^{\wedge}6+5*4^{\wedge}(3*2+1)$	43361663	G	$9^8+7+6+54^{\wedge}3*2+1$
43247359	G	$9^8+7+6+5^{\wedge}4*321$	43361670	G	$9^8+(7+6+5)^{\wedge}4*3+21$
43247422	G	$9^8+76+5^{\wedge}4*321$	43361691	G	$9^8+7*6+54^{\wedge}3*2*1$
43251737	G	$9^8+7*((6+5)^{\wedge}4+3)*2*1$	43361692	G	$9^8+7*6+54^{\wedge}3*2+1$
43252100	G	$9^8+(7*6+5+4*3)^{\wedge}(2+1)$	43361725	G	$9^8+76+54^{\wedge}3*2*1$
43253067	G	$9^8+7*6*(5+4*3)^{\wedge}(2+1)$	43361726	G	$9^8+76+54^{\wedge}3*2+1$
43253379	G	$9^8+7654*3^{\wedge}(2+1)$	43363297	G	$9^8+7*6^{\wedge}5+4^{\wedge}3^{\wedge}2^{\wedge}1$
43256662	G	$9^8+7+654*321$	43364995	G	$9^8+7^{\wedge}6+5^{\wedge}4*321$
43256679	G	$9^8+(7+6+5)^{\wedge}4+3)^*2^{\wedge}1$	43372654	G	$9^8+7+6*54321$
43256970	G	$9^8+(7+6^{\wedge}5+4)*3^{\wedge}(2+1)$	43375240	G	$9^8+7+(65+4)^{\wedge}3+2+1$
43260165	G	$9^8+(7*65+4+3)^{\wedge}2*1$	43375243	G	$9^8+7+6+(5+4^{\wedge}3)^{\wedge}(2+1)$
43260166	G	$9^8+(7*65+4+3)^{\wedge}2+1$	43375272	G	$9^8+7*6+(5+4^{\wedge}3)^{\wedge}(2+1)$
43261761	G	$9^8+7*6*5*4^{\wedge}(3+2)^{\wedge}1$	43375306	G	$9^8+76+(5+4^{\wedge}3)^{\wedge}(2+1)$
43261762	G	$9^8+7*6*5*4^{\wedge}(3+2)+1$	43375497	G	$9^8+76*(5+4321)$
43262730	G	$9^8+7+(6+54)^{\wedge}3+2*1$	43377201	G	$9^8+765*432*1$
43262731	G	$9^8+7+(6+54)^{\wedge}3+2+1$	43377202	G	$9^8+765*432+1$
43262749	G	$9^8+7+(6+54)^{\wedge}3+21$	43377966	G	$9^8+765*(432+1)$
43264455	G	$9^8+7*6^{\wedge}5*4+3*2*1$	43382723	G	$9^8+7*6*(5*4)^{\wedge}3+2^{\wedge}1$
43264459	G	$9^8+7*6^{\wedge}5*4+3^{\wedge}2+1$	43382805	G	$9^8+7*6*(5*4)^{\wedge}3+2)^{\wedge}1$

43389721	G	$9^8+(7+6+54+3)^{(2+1)}$	43523377	G	$9^8+(7^6+5^4)^{3^2 \cdot 1}$
43398112	G	$9^8+7+(6+5)^4 \cdot (3+2+1)$	43525647	G	$9^8+7^6 \cdot 5^4 \cdot 3^2 \cdot 1$
43398273	G	$9^8+(7+(6+5)^4)^{\cdot(3+2+1)}$	43530105	G	$9^8+(7+(6+5)^4)^{\cdot(32+1)}$
43400154	G	$9^8+(7^6+54^3)^{\cdot(2+1)}$	43530904	G	$9^8+7^{\cdot(65^4+3)^2 \cdot 1}$
43401023	G	$9^8+7+6^{\cdot(5+4)^{(3+2)+1}}$	43530905	G	$9^8+7^{\cdot(65^4+3)^2+1}$
43401292	G	$9^8+7^{\cdot(6^5+4+3)^{(2+1)}}$	43534641	G	$9^8+76^{\cdot 5^4 \cdot 3^2 \cdot 1}$
43409601	G	$9^8+7^{\cdot 6^5 \cdot (4^3)^{(2+1)}}$	43536609	G	$9^8+7^{\cdot 6^5 \cdot (4+3+2)^{\cdot 1}}$
43415824	G	$9^8+7+(6+5^4)^3 \cdot 2^1$	43538248	G	$9^8+7+6^{\cdot 5^4 \cdot (3^2+1)}$
43418024	G	$9^8+(7+6)^5+4+3+2+1$	43539760	G	$9^8+(7+65+4+3)^{(2+1)}$
43418025	G	$9^8+(7+6)^5+4+3^2+1$	43542337	G	$9^8+(76+5^4+3)^2 \cdot 1$
43418027	G	$9^8+(7+6)^5+4+3^2 \cdot 1$	43544394	G	$9^8+7+6^{\cdot 5^4 \cdot 3^2+1}$
43418028	G	$9^8+(7+6)^5+4^3+2^1$	43544395	G	$9^8+7+6^{\cdot 5^4 \cdot 3^2+1}$
43418029	G	$9^8+(7+6)^5+4^3+2+1$	43544413	G	$9^8+7+6^{\cdot 5^4 \cdot 3^2+1}$
43418042	G	$9^8+(7+6)^5+4+3+2+1$	43557735	G	$9^8+7^{\cdot 6^5 \cdot (5^4+3)^{(2+1)}}$
43418122	G	$9^8+(7+6)^5+4^3 \cdot (2+1)$	43558721	G	$9^8+(7+6^5+43)^{(2+1)}$
43418142	G	$9^8+(7+6)^5+4^3 \cdot 2^1$	43559156	G	$9^8+7^{\cdot(6+5)^4 \cdot (3+2)^{\cdot 1}}$
43418266	G	$9^8+(7+6)^5+4^3 \cdot 2^1$	43559944	G	$9^8+7+6^{\cdot 5^4 \cdot (4^3+2)^{\cdot 1}}$
43419039	G	$9^8+(7+6)^5+4^{\cdot(3+2)+1}$	43560399	G	$9^8+(7+6^5)^{\cdot(4^3+2)^{\cdot 1}}$
43419742	G	$9^8+(7+6)^5+(4^3)^{(2+1)}$	43561905	G	$9^8+7^{\cdot 6^5 \cdot 4^3 \cdot (2+1)}$
43419976	G	$9^8+7+(65+4+3)^{(2+1)}$	43565337	G	$9^8+7^{\cdot(6^5+4^3)^{(2+1)}}$
43420109	G	$9^8+76^{\cdot(5+4^3)^{(2+1)}}$	43571601	G	$9^8+(7+6+5)^4 \cdot (3+2^1)$
43422110	G	$9^8+(7+6)^5+4^{\cdot(3+2+1)}$	43578205	G	$9^8+7^{\cdot 6^5 \cdot (5+4)^{(3^2+1)}}$
43422111	G	$9^8+(7+6)^5+4^{\cdot(3^2+1)}$	43578238	G	$9^8+76+(5+4)^{(3^2 \cdot 1)}$
43422335	G	$9^8+(7+6)^5+432^1$	43578239	G	$9^8+76+(5+4)^{(3^2+1)}$
43426519	G	$9^8+7^{\cdot 6^5+5+4^3 \cdot 2^1}$	43591041	G	$9^8+7^{\cdot 6^5 \cdot (4+3^2)^{\cdot 1}}$
43427010	G	$9^8+7^{\cdot(6+54321)}$	43593640	G	$9^8+7^{\cdot(6+5^{\cdot(4+3)})+2^1}$
43427752	G	$9^8+7+6^{\cdot 5^2 \cdot (4+3)^2 \cdot 1}$	43593652	G	$9^8+7^{\cdot(6+5^{\cdot(4+3)+2})^{\cdot 1}}$
43427753	G	$9^8+7+6^{\cdot 5^2 \cdot (4+3)^2+1}$	43593659	G	$9^8+7^{\cdot(6+5^{\cdot(4+3)})+2}$
43435011	G	$9^8+7^{\cdot 6^5 \cdot 4^3 \cdot 2^1}$	43596977	G	$9^8+7^{\cdot(6^5+4)^3 \cdot 2^1}$
43435745	G	$9^8+7+(6^5+43)^{(2+1)}$	43630941	G	$9^8+7^{\cdot 6^5 \cdot 4^3 \cdot 2^1}$
43435842	G	$9^8+76^{\cdot 5^4 \cdot (3+2)+1}$	43634043	G	$9^8+(7^6+5^{\cdot(4+3)})^{\cdot(2+1)}$
43438269	G	$9^8+(7^6+5^{\cdot(4+3)})^{\cdot 2^1}$	43634975	G	$9^8+7^{\cdot 6^5+5+4+3+2^1}$
43438270	G	$9^8+(7^6+5^{\cdot(4+3)})^{\cdot 2+1}$	43634976	G	$9^8+7^{\cdot 6^5+5+4+3+2+1}$
43441119	G	$9^8+7+6+(5^4+3)^2+1$	43634977	G	$9^8+7^{\cdot 6^5+5+4+3^2+1}$
43441147	G	$9^8+7^{\cdot 6^5+(5^4+3)^2 \cdot 1}$	43634979	G	$9^8+7^{\cdot 6^5+5+4+3^2+1}$
43441182	G	$9^8+76+(5^4+3)^2+1$	43634999	G	$9^8+7^{\cdot 6^5+5+4^3+2^1}$
43442035	G	$9^8+7+(6+5)^4 \cdot 3^{\cdot(2+1)}$	43635002	G	$9^8+7^{\cdot 6^5+5+4^3 \cdot 2^1}$
43442217	G	$9^{\cdot(8+(7+6)^5)^{\cdot(4+3^2)^{\cdot 1}}}$	43635003	G	$9^8+7^{\cdot 6^5+5+4^3 \cdot 2+1}$
43444332	G	$9^8+76+5^{\cdot 4^3 \cdot (2+1)}$	43635011	G	$9^8+7^{\cdot 6^5+5+4^3+2^1}$
43444674	G	$9^8+(7^6+5+4)^3 \cdot (2+1)$	43635015	G	$9^8+7^{\cdot 6^5+5+4^3 \cdot 2^1}$
43457602	G	$9^8+(7+6+5^4+3)^2 \cdot 1$	43635030	G	$9^8+7^{\cdot 6^5+5+4^3+2^1}$
43457603	G	$9^8+(7+6+5^4+3)^2+1$	43635032	G	$9^8+7^{\cdot 6^5+5+4^3+2^1}$
43459219	G	$9^8+7^{\cdot 6^5+54^3 \cdot 2^1}$	43635033	G	$9^8+7^{\cdot 6^5+5+4^3+2+1}$
43459220	G	$9^8+7^{\cdot 6^5+54^3 \cdot 2+1}$	43635051	G	$9^8+7^{\cdot 6^5+5+4^3+2+1}$
43459553	G	$9^8+76^{\cdot 54^3 \cdot 2^1}$	43635052	G	$9^8+7^{\cdot 6^5+5+4^3 \cdot 2^1}$
43459554	G	$9^8+76^{\cdot 54^3 \cdot 2+1}$	43635053	G	$9^8+7^{\cdot 6^5+5+4^3 \cdot 2+1}$
43459629	G	$9^8+76^{\cdot(54^3+1)}$	43635066	G	$9^8+(7^6+5^4)^{\cdot(3+2)^{\cdot 1}}$
43460106	G	$9^8+7^{\cdot(6+(5+4)^{(3+2^1)})}$	43635074	G	$9^8+7^{\cdot 6^5+5+4^3 \cdot (2+1)}$
43460107	G	$9^8+7^{\cdot(6+(5+4)^{(3+2)})+1}$	43635094	G	$9^8+7^{\cdot 6^5+5+4^3 \cdot 2^1}$
43460113	G	$9^8+7^{\cdot(6+(5+4)^{(3+2)+1})}$	43635095	G	$9^8+7^{\cdot 6^5+5+4^3 \cdot 2+1}$
43474221	G	$9^8+76^{\cdot 5^4 \cdot 3^2 \cdot 1}$	43635110	G	$9^8+7^{\cdot 6^5+5+(4^3)^2 \cdot 1}$
43474222	G	$9^8+76^{\cdot 5^4 \cdot 3^2+1}$	43635111	G	$9^8+7^{\cdot 6^5+5+(4^3)^2+1}$
43478728	G	$9^8+7+(6+54)^3 \cdot 2^1$	43635236	G	$9^8+(7^6+54)^{\cdot(3+2)^{\cdot 1}}$
43478729	G	$9^8+7+(6+54)^3 \cdot 2+1$	43635291	G	$9^8+7^{\cdot 6^5+5+4+3^2 \cdot 1}$
43479299	G	$9^8+7^{\cdot 6^5+54^3 \cdot 2+1}$	43635309	G	$9^8+7^{\cdot 6^5+5+(4+3)^{(2+1)}}$
43495622	G	$9^8+(7^6+5^4+3)^2+1$	43635399	G	$9^8+7^{\cdot 6^5+5+4^3+2^1}$
43497521	G	$9^8+(7+6)^5+4^3 \cdot (2+1)$	43635990	G	$9^8+7^{\cdot 6^5+5+4^3 \cdot 2^1}$
43503261	G	$9^8+7+(65+4^3)^{(2+1)}$	43635991	G	$9^8+7^{\cdot 6^5+5+4^3 \cdot 2+1}$
43504745	G	$9^8+7^{\cdot 654^3 \cdot 2^1}$	43636250	G	$9^8+7^{\cdot 6^5+5+4^3 \cdot 2^1}$
43504746	G	$9^8+7^{\cdot 654^3 \cdot 2+1}$	43636694	G	$9^8+7^{\cdot 6^5+5+(4^3)^{(2+1)}}$
43504752	G	$9^8+7^{\cdot(654^3+1)}$	43639062	G	$9^8+7^{\cdot 6^5+5+(4^3)^2 \cdot 1}$
43512642	G	$9^8+7^{\cdot 65^4 \cdot (3+2)+1}$	43639425	G	$9^8+(7+65+4^3)^{(2+1)}$
43515240	G	$9^8+7+(6+5)^4 \cdot 3^2 \cdot 1$	43641162	G	$9^8+(7^6+(5+4)^3)^2 \cdot 1$
43515241	G	$9^8+7+(6+5)^4 \cdot 3^2+1$	43641163	G	$9^8+(7^6+(5+4)^3)^2+1$
43515457	G	$9^8+(7+(6+5)^4)^3 \cdot 2^1$	43642706	G	$9^8+(765+4+3)^2+1$
43515490	G	$9^8+7+6^{\cdot(5^4 \cdot (4+3)+2)^{\cdot 1}}$	43648247	G	$9^8+(7+6+54)^3 \cdot 2^1$
43515491	G	$9^8+7+6^{\cdot(5^4 \cdot (4+3)+2)+1}$	43648248	G	$9^8+(7+6+54)^3 \cdot 2+1$
43515496	G	$9^8+7+6^{\cdot(5^4 \cdot (4+3)+2+1)}$	43650451	G	$9^8+(765+4^3)^2+1$
43515499	G	$9^8+7+6^{\cdot 5^4 \cdot (4+3)+2^1}$	43651350	G	$9^8+7^{\cdot 6^5+5+4^3 \cdot 2+1}$
43515604	G	$9^8+7+6^{\cdot(5^4 \cdot (4+3)+2^1)}$	43652929	G	$9^8+(7+6^5)^4 \cdot (3^2+1)$

43654723	G	$9^8+76*(5*4)^3+2^1$	44062367	G	$9^8+(7+6)*5^4(4+3)+21$
43661643	G	$9^8+7*(6+5)^4*3^2+1$	44062373	G	$9^8+(7+6)*5^4(4+3)+2+1$
43661644	G	$9^8+7*(6+5)^4*3^2+1$	44062619	G	$9^8+(7+6)*5^4(4+3)+21$
43666091	G	$9^8+(7+65*4*3)^2+1$	44077022	G	$9^8+(7+6*5+4^3)^2(2+1)$
43694742	G	$9^8+(7+(6+54)^3)^*(2+1)$	44095315	G	$9^8+7+6+5+4^3(3^2+1)$
43694747	G	$9^8+(76+(5+4)^3)^2+1$	44095334	G	$9^8+7+6*5+4^3(3^2+1)$
43695812	G	$9^8+7^6+(5+4)^3(3^2)+1$	44095344	G	$9^8+7*6+5+4^3(3^2+1)$
43699907	G	$9^8+7*6^5*4*3+2^1$	44095369	G	$9^8+7+65+4^3(3^2+1)$
43699926	G	$9^8+7*6^5*4*3+21$	44095507	G	$9^8+7*6*5+4^3(3^2+1)$
43701049	G	$9^8+7+654321$	44095677	G	$9^8+76*5+4^3(3^2+1)$
43703361	G	$9^8+76*5*(4*3)^2(2+1)$	44095752	G	$9^8+7*65+4^3(3^2+1)$
43703746	G	$9^8+7+(65+4)^3*2^1$	44096062	G	$9^8+765+4^3(3^2+1)$
43703747	G	$9^8+7+(65+4)^3*2+1$	44105607	G	$9^8+(7^6+5)^*(4+3+2^1)$
43703753	G	$9^8+(7+(65+4)^3)^2+1$	44107929	G	$9^8+(7*6+5*4*3)^2(2+1)$
43703754	G	$9^8+(7+(65+4)^3)^2+1$	44140513	G	$9^8+7*(6+5^4(4+3))^2+1$
43715464	G	$9^8+7+6^5*4*3^2+1$	44149013	G	$9^8+7*(6+5^4*3)^2+1$
43715465	G	$9^8+7+6^5*4*3^2+1$	44149025	G	$9^8+7*(6+5^4*3+2)^1$
43718721	G	$9^8+7*6*(5*4)^3*2+1$	44149729	G	$9^8+7*6^5+4^3(3^2+1)$
43733962	G	$9^8+(765+4^3)^2+1$	44160614	G	$9^8+((7+6)^5+4)^3+2^1$
43733963	G	$9^8+(765+4^3)^2+1$	44160615	G	$9^8+((7+6)^5+4)^3+2+1$
43737516	G	$9^8+765*4*3*21$	44160621	G	$9^8+((7+6)^5+4+3)^*(2+1)$
43749341	G	$9^8+76*5*4*3^2+1$	44160633	G	$9^8+((7+6)^5+4)^3+21$
43749342	G	$9^8+76*5*4*3^2+1$	44160729	G	$9^8+((7+6)^5+4+3)^*(2+1)$
43752940	G	$9^8+(7^6+54)^3*2+1$	44160792	G	$9^8+((7+6)^5+4^3)^*(2+1)$
43754337	G	$9^8+7*6^5*(4+3^2)^1$	44210205	G	$9^8+76*(5+4)^3*21$
43755471	G	$9^8+7*6^5*4*3^2(2+1)$	44212951	G	$9^8+7^6+5+4^3(3^2+1)$
43757370	G	$9^8+(7*6^5*4+3)^2+1$	44223261	G	$9^8+(7^6+5)^*(4+3^2)^1$
43757371	G	$9^8+(7*6^5*4+3)^2+1$	44262721	G	$9^8+76*(5^4)^3*2^1$
43774749	G	$9^8+7*6^5*4*3*21$	44274971	G	$9^8+(76+5+4)^3*2^1$
43775721	G	$9^8+(7*6+5+4)^3(2+1)$	44274972	G	$9^8+(76+5+4)^3*2+1$
43789321	G	$9^8+((7+6)^5+4+3)^2+1$	44306440	G	$9^8+7+(65+4)^3(2+1)$
43789322	G	$9^8+((7+6)^5+4+3)^2+1$	44329221	G	$9^8+76*5^4*3^2(2+1)$
43789332	G	$9^8+((7+6)^5+4+3)^2+1$	44343114	G	$9^8+7*(6+(5+4)^3)^2(2+1)$
43790653	G	$9^8+7*(6+5*4^3)^2+1$	44353090	G	$9^8+7*6^5*4*3^2+1$
43795224	G	$9^8+7*(6^5+4)^2+1$	44357454	G	$9^8+7+6+5*4^3+2^1$
43795225	G	$9^8+7*(6^5+4)^2+1$	44357517	G	$9^8+76+5*4^3+2^1$
43812153	G	$9^8+765432*1$	44363649	G	$9^8+(7+65+4)^3*(2+1)$
43812154	G	$9^8+765432+1$	44364105	G	9^8+76*5^4*321
43820907	G	$9^8+7*(6+(5+4)^3)^2(2+1)$	44414352	G	$9^8+(7*6+5+4^3)^2(2+1)$
43830082	G	$9^8+765*4^3(3+2)+1$	44461206	G	$9^8+765*4^3+2^1$
43832961	G	$9^8+7*65*(4*3)^2(2+1)$	44461207	G	$9^8+765*4^3+2+1$
43862130	G	$9^8+(7*(65+4^3))^2+1$	44461971	G	$9^8+765*(4^3+2+1)$
43872112	G	$9^8+7+(6^5+4)^3*21$	44466590	G	$9^8+(7+6)^5+4^3(3^2+1)$
43872252	G	$9^8+(7+(6^5+4)^3)^2+1$	44475090	G	$9^8+7^6+5*4^3+2^1$
43877312	G	$9^8+7+(6^5+4^3)^2(2+1)$	44494062	G	$9^8+(7+6*5+4)^3*21$
43886721	G	$9^8+7*6^5*4*3^2+1$	44516259	G	9^8+7*65^4*321
43886722	G	$9^8+7*6^5*4*3^2+1$	44531900	G	$9^8+(7+6)^5*4+3^2+1$
43906882	G	$9^8+7*6^5*4^3(3^2)+1$	44531902	G	$9^8+(7+6)^5*4+3^2*1$
43913349	G	$9^8+76*54*3*21$	44531903	G	$9^8+(7+6)^5*4+3^2+1$
43924673	G	$9^8+(7+65+4)^3*2^1$	44531917	G	$9^8+(7+6)^5*4+3+21$
43924674	G	$9^8+(7+65+4)^3*2+1$	44531920	G	$9^8+(7+6)^5*4+3^2(2+1)$
43931460	G	$9^8+(76+5*4)^3+2+1$	44531926	G	$9^8+(7+6)^5*4+3+2+1$
43949010	G	$9^8+(7+6+54)^3*(2+1)$	44531956	G	$9^8+(7+6)^5*4+3^2+1$
43953921	G	$9^8+7*(6^5*4*3)^2+1$	44532214	G	$9^8+(7+6)^5*4+3+21$
43954131	G	$9^8+7*6^5*4*3*21$	44558742	G	$9^8+7*((6+5)^3+3+2+1)$
43969104	G	$9^8+7*(6+5)^4*3^2+1$	44566721	G	$9^8+76*5^4*3^2+1$
43969105	G	$9^8+7*(6+5)^4*3^2+1$	44566722	G	$9^8+76*5^4*3^2+1$
43969111	G	$9^8+7+(6+5)^4*3^2+1$	44567596	G	$9^8+(7+65+4)^3(2+1)$
43984229	G	$9^8+7+6^5*(4+3)^2+1$	44576223	G	$9^8+(7^6+5)^*(4+3^2)^1$
43991506	G	$9^8+(7+6+5)^4*3^2+1$	44576224	G	$9^8+(7^6+5)^*(4+3^2)+1$
43991512	G	$9^8+7+(6^5*4*3)^2+1$	44603201	G	$9^8+76*5^4*(3^2+1)$
43991514	G	$9^8+7+6^5*4^3+2^1$	44619622	G	$9^8+7+6*(5+4^3+2)^1$
44005163	G	$9^8+(7+6^5*4*3)^2+1$	44654124	G	$9^8+76543*21$
44008542	G	$9^8+7*6543*21$	44683542	G	$9^8+7^6*5+4^3(3^2+1)$
44017020	G	$9^8+(7*6+5+4)^3(2+1)$	44687422	G	$9^8+76+5^4(4+3)^2+1$
44032255	G	$9^8+7+(65+4)^3*(2+1)$	44688228	G	$9^8+(7*6+5^4(4+3))^2+1$
44032269	G	$9^8+(7+(65+4)^3)^*(2+1)$	44700471	G	$9^8+7*6^5*4*3^2+1$
44042056	G	$9^8+7+6^5*4*3^2+1$	44710828	G	$9^8+7+(6^5*4*3)^2+1$
44042057	G	$9^8+7+6^5*4*3^2+1$	44774730	G	$9^8+7+(6^5*4)^3+2^1$
44062349	G	$9^8+(7+6)^5*(4+3)+2+1$	44797050	G	$9^8+7*(6+5+4)^3(2+1)$

44815822	G	$9^8+7+6*543^2^1$	46235374	G	$9^8+7+6*(5+4)^(3*2*1)$
44903206	G	$9^8+(7+6)^5+4*(3+2)^1$	46235375	G	$9^8+7+6*(5+4)^(3*2)+1$
44907595	G	$9^8+7+(6*5*4+3)^(2+1)$	46240119	G	$9^8+(7^6+5^4)*3^(2+1)$
44910401	G	$9^8+7*65*4^4(3*2^1)$	46242452	G	$9^8+7*(65+4*3)^(2+1)$
44920906	G	$9^8+(7+6*5)^4+3+2+1$	46246734	G	$9^8+7+6+(5*4)^(3+2)^1$
44920909	G	$9^8+(7+6*5)^4+3^(2+1)$	46246763	G	$9^8+7*6+(5*4)^(3+2)^1$
44920915	G	$9^8+(7+6*5)^4+3+2+1$	46246797	G	$9^8+7+6+(5*4)^(3+2)^1$
44920945	G	$9^8+(7+6*5)^4+3*2+1$	46326306	G	$9^8+7*(6+5)^4*3+2+1$
44921203	G	$9^8+(7+6*5)^4+3+2+1$	46327973	G	$9^8+7*6*5^4(4+3)+2^1$
44936296	G	$9^8+7+6*54^3*2*1$	46327974	G	$9^8+7*6*5^4(4+3)+2+1$
44936297	G	$9^8+7+6*54^3*2+1$	46327992	G	$9^8+7*6*5^4(4+3)+2+1$
44953345	G	$9^8+(7+6*5)^4+3*2+1$	46353507	G	$9^8+7*6*5^4(4+3)+2+1$
44999923	G	$9^8+(7+6*5)^4+3*2+1$	46353541	G	$9^8+7*6*5^4(4+3)+2+1$
45006274	G	$9^8+7*6*5*4*3^2+1$	46364370	G	$9^8+7+6*54^3*2+1$
45012776	G	$9^8+7*65*43+2+1$	46370050	G	$9^8+7^6+(5*4)^(3+2)^1$
45017782	G	$9^8+7+6*(5+4^3)^(2+1)$	46370051	G	$9^8+(7*65*4+3)^2*1$
45041265	G	$9^8+7*6*(54*3)^2+1$	46370051	G	$9^8+(7*65*4+3)^2+1$
45059193	G	$9^8+7*(6+5*4*3)^(2+1)$	46405953	G	$9^8+(7+6+5)^4*3+2+1$
45095107	G	$9^8+(7+6*5*4)^3+2+1$	46405954	G	$9^8+(7+6+5)^4*3+2+1$
45095125	G	$9^8+(7+6*5*4)^3+2+1$	46405960	G	$9^8+7+6*5^4*3+2+1$
45110706	G	$9^8+7*(6+54^3)^2+1$	46405961	G	$9^8+7+6*5^4*3+2+1$
45117495	G	$9^8+7^6+5^4(4+3+2)^1$	46458542	G	$9^8+7^6*(5*4+3^2)^1$
45117496	G	$9^8+7^6+5^4(4+3+2)+1$	46471114	G	$9^8+7^6+54^3*2+1$
45164403	G	$9^8+7*6*(5+4+3)^2+1$	46510929	G	$9^8+(7+6+5)^4*3(3+2+1)$
45193417	G	$9^8+7+(6+5+4)^3(2+1)$	46530371	G	$9^8+7*6*5^4*4+3+2+1$
45243721	G	$9^8+(7+6*5*4+3)^(2+1)$	46530372	G	$9^8+7*6*5^4*4+3+2+1$
45243723	G	$9^8+(7+6*5*4+3)^(2+1)$	46530390	G	$9^8+7*6*5^4*4+3+2+1$
45243724	G	$9^8+(7+6*5*4+3)^(2+1)$	46559821	G	$9^8+7*6*5^4*4+3+2+1$
45243742	G	$9^8+(7+6*5*4+3)^(2+1)$	46759651	G	$9^8+(7+6)^5*(4+3*2)^1$
45251259	G	$9^8+7*(6+54^3)^2+1$	46760051	G	$9^8+(7+6*5*4^3)^2+1$
45274503	G	$9^8+(7+6)^5+4*3*2^1$	46795049	G	$9^8+((7+6*5)^4+3)*2*1$
45346299	G	$9^8+7*((6+5+4)^3+2)+1$	46813218	G	$9^8+(7^6+54)^3+2+1$
45346305	G	$9^8+7*((6+5+4)^3+2)+1$	46828297	G	$9^8+7*(6+(5+4)^3)^2+1$
45346326	G	$9^8+7*(6+(5+4^3)^(2+1))$	47157975	G	$9^8+(7^6+5^4(4+3))^2+1$
45366250	G	$9^8+(7*6*5*4+3)^2+1$	47164457	G	$9^8+7^6*5^4(4+3)+2+1$
45366251	G	$9^8+(7*6*5*4+3)^2+1$	47175117	G	$9^8+7*6*54+3+2+1$
45399706	G	$9^8+7^6*5*4+3+2+1$	47305521	G	$9^8+7*(65*4*3)^2+1$
45399707	G	$9^8+7^6*5*4+3+2+1$	47347521	G	$9^8+(7*6*(5*4^3)^2)^1$
45399710	G	$9^8+7^6*5*4+3+2+1$	47399919	G	$9^8+(7^6+5)^*(4+3+2+1)$
45399725	G	$9^8+7^6*5*4+3+2+1$	47440722	G	$9^8+(7+6+5)^4*3+2+1$
45399733	G	$9^8+7^6*5*4+3+2+1$	47502240	G	$9^8+(7+6)^5*4*3+2+1$
45399734	G	$9^8+7^6*5*4+3+2+1$	47534445	G	$9^8+7*6*(5+4)^(3+2)^1$
45399764	G	$9^8+7^6*5*4+3+2+1$	47534446	G	$9^8+7*6*(5+4)^(3+2)+1$
45400022	G	$9^8+7^6*5*4+3+2+1$	47534521	G	$9^8+7*6*((5+4)^(3+2)+1)$
45413032	G	$9^8+7+6*(5^4+3)^2+1$	47582728	G	$9^8+7+(6+54)^3*2+1$
45413033	G	$9^8+7+6*(5^4+3)^2+1$	47582868	G	$9^8+(7+(6+54)^3)*2+1$
45476730	G	$9^8+7+(6*5)^4*3+2+1$	47748729	G	$9^8+(7+(6+5)^4)*3+2+1$
45503655	G	$9^8+7*6*5^4*3+2+1$	47829703	G	$9^8+7+6+(5+4)^(3*2+1)$
45526779	G	$9^8+7*6*(5+4)^(3+2)*1$	47829732	G	$9^8+7*6+(5+4)^(3*2+1)$
45532659	G	$9^8+(7^6+(5+4)^3)*2+1$	47829766	G	$9^8+7+6+(5+4)^(3*2+1)$
45562177	G	$9^8+(7^6+(5+4)^3)*2+1$	47926407	G	$9^8+7+6+(5+4)^(3*2+1)$
45566145	G	$9^8+(7+6+5)^4*(3+2+1)$	47926409	G	$9^8+(7*6+5)^4+3+2+1$
45630393	G	$9^8+7*(6+5*4)^3+2+1$	47926412	G	$9^8+(7*6+5)^4+3+2+1$
45645774	G	$9^8+(7+6)^5*(4+3)+2+1$	47926426	G	$9^8+(7*6+5)^4+3+2+1$
45645775	G	$9^8+(7+6)^5*(4+3)+2+1$	47926429	G	$9^8+(7*6+5)^4+3+2+1$
45645793	G	$9^8+(7+6)^5*(4+3)+2+1$	47926434	G	$9^8+(7*6+5)^4+3+2+1$
45659457	G	$9^8+7*(6+5+4)^3(2+1)$	47926435	G	$9^8+(7*6+5)^4+3+2+1$
45700929	G	$9^8+(7+6*5*4)^3*(2+1)$	47926465	G	$9^8+(7*6+5)^4+3+2+1$
45716290	G	$9^8+(7+6*5*4)^3*(2+1)$	47947339	G	$9^8+7^6+(5+4)^(3*2+1)$
45807452	G	$9^8+7*(6+(5+4+3)^2)+1$	48173726	G	$9^8+(7+6)*((5^4+3)^2+1)$
45832392	G	$9^8+(7*6+5+4)^3*2+1$	48200354	G	$9^8+(7+6+5+4)^(3+2)+1$
45860420	G	$9^8+7*((6+5^4+3)^2+1)$	48204162	G	$9^8+(7*6*5+4)^3*2+1$
46039221	G	$9^8+7*6*5^4*3+2+1$	48204163	G	$9^8+(7*6*5+4)^3*2+1$
46068264	G	$9^8+7*(6+5+4)^3*2+1$	48214683	G	$9^8+7+6*5^4*3(2+1)$
46070722	G	$9^8+7*(6+5+4)^3*2+1$	48223277	G	$9^8+7^6*(5*4+3+2+1)$
46095346	G	$9^8+(7+6+5+4)^3(2+1)$	48244823	G	$9^8+(7+6)^5*(4*3+2)^1$
46105595	G	$9^8+7*6*(5*4+3)^2+1$	48244824	G	$9^8+(7+6)^5*(4*3+2)+1$
46180162	G	$9^8+7*6*5^4(3*2+1)$	48289614	G	$9^8+7+6+5*4^4(3^2+1)$
46223244	G	$9^8+7*6*5^4(3*2+1)$	48289643	G	$9^8+7*6+5*4^4(3^2+1)$
46224702	G	$9^8+7*6*5^4(3*2+1)$	48289677	G	$9^8+7+6+5*4^4(3^2+1)$
			48340926	G	$9^8+7^6*5^4(4+3+2)^1$

48340927	G	$9^8+7^6*5*(4+3+2)+1$	52929996	G	$9^8+7^6+5^4(4+3*2)+1$
48362347	G	$9^8+7^*(6+5+4)^(3+2)+1$	53031112	G	$9^8+7+6^5*4^3*21$
48362353	G	$9^8+7^*((6+5+4)^(3+2)+1)$	53124429	G	$9^8+7+6^4(5+4)+3+2*1$
48407250	G	$9^8+7^6+5^4*(3^2+1)$	53124430	G	$9^8+7+6^4(5+4)+3^2*1$
48669206	G	$9^8+(7+6^5)^4*3+2*1$	53124431	G	$9^8+7+6^4(5+4)+3^2*1$
48669207	G	$9^8+(7+6^5)^4*3+2+1$	53124433	G	$9^8+7+6^4(5+4)+3^2*1$
48669213	G	$9^8+(7+6^5)^4+3*(2+1)$	53124434	G	$9^8+7+6^4(5+4)+3^2+1$
48669225	G	$9^8+(7+6^5)^4*3+2+1$	53124451	G	$9^8+7+6^4(5+4)+3^2(2+1)$
48716726	G	$9^8+7^*(6^5)^4+3+2^1$	53124457	G	$9^8+7+6^4(5+4)+3+2+1$
48716727	G	$9^8+7^*(6^5)^4+3*2^1$	53124745	G	$9^8+7+6^4(5+4)+3+2+1$
48824409	G	$9^8+7^*(6^5+4)^3*2+1$	53164536	G	$9^8+7^6*(5+4+3)+1$
48925377	G	$9^8+7^6*5^4*3*(2+1)$	53265034	G	$9^8+(7^6*5^4+3)^2(2+1)$
48929171	G	$9^8+7^6*(5+4+3)^2+1$	53497672	G	$9^8+7+6^5*4^3*2+1$
48929421	G	$9^8+(7^6+5)^*((4+3)^2+1)$	53706947	G	$9^8+(7+6^5*4)^2+1$
48984223	G	$9^8+7^6*5^4(4+3)+2^1$	54437353	G	$9^8+7+(6+5+4)^(3+2+1)$
48984224	G	$9^8+7^6*5^4(4+3)+2+1$	54437354	G	$9^8+7+(6+5+4)^(3^2)+1$
48984242	G	$9^8+7^6*5^4(4+3)+2+1$	54695421	G	$9^8+7^*(6^5*4)^2+1$
49164469	G	$9^8+7^6*(5^4+3+2)^1$	54765479	G	$9^8+7+6^5*4(4+3+2)+1$
49164470	G	$9^8+7^6*(5^4+3+2)+1$	54811621	G	$9^8+7^6*5^4*(3+2)^1$
49272641	G	$9^8+7^6*5^4*(3^2+1)$	54921722	G	$9^8+7^6*5^4*(3^2+1)$
49338214	G	$9^8+7+6^*(5+4*(3^2+1))$	55014006	G	$9^8+7^6*5^4*3+2+1$
49362744	G	$9^8+(7+6+5)^4*3*2+1$	55142723	G	$9^8+7^*(6^5*4)^3+2^1$
49399767	G	$9^8+7^6*(5+(4+3)^2+1)$	55299390	G	$9^8+(7+6)^5*(4^3+2+1)$
49399772	G	$9^8+7^6*5^4+3+2*1$	55299522	G	$9^8+(7+6)^5*(4^3+2+1)$
49399773	G	$9^8+7^6*5^4+3*2*1$	55430379	G	$9^8+7^6*5^4*3^2+1$
49399774	G	$9^8+7^6*5^4+3*2+1$	55943346	G	$9^8+(7+6+5+4)^3*2+1$
49399776	G	$9^8+7^6*5^4+3^2+1$	56072790	G	$9^8+7^*(6^5*4+3)^2(2+1)$
49399777	G	$9^8+7^6*5^4+3^2+1$	56273697	G	$9^8+7^6*5^4*3^2*1$
49399791	G	$9^8+7^6*5^4+3+2+1$	56413269	G	$9^8+(7+6)^5*(4+3+2+1)$
49399794	G	$9^8+7^6*5^4+3^2(2+1)$	56413270	G	$9^8+(7+6)^5*(4+3+2)+1$
49399799	G	$9^8+7^6*5^4+3+2+1$	56527993	G	$9^8+(7+6+5+4)^3(2+1)$
49503402	G	$9^8+7^*(6+5)^4*3*2+1$	56784562	G	$9^8+(7+6)^5*(4+3+2+1)$
49517416	G	$9^8+7^6*(5+(4+3)^2+1)$	57131737	G	$9^8+7+(6^5*4+3)^2*1$
49609222	G	$9^8+7^6*5^4(4+3)^2+1$	57164601	G	$9^8+7^6*5^4*3^2*1$
49637721	G	$9^8+(7+6+5)^4*3*(2+1)$	57184322	G	$9^8+(7+6^5*4+3)^2+1$
49660209	G	$9^8+7^6*(6+5)^4*3*2+1$	57424552	G	$9^8+7+6^5*4^3*2^1$
49660212	G	$9^8+7^6*5^4*3+2+1$	57424553	G	$9^8+7+6^5*4^3*2+1$
49660230	G	$9^8+7^6*5^4*3+2+1$	58294221	G	$9^8+7^6*5^4*3^2+1$
49945417	G	$9^8+7+(6+5+4)^3*2+1$	59012323	G	$9^8+(7+6)^5*4^3+2+1$
49945557	G	$9^8+(7+(6+5+4)^3)*2+1$	59012341	G	$9^8+(7+6)^5*(4+3+2+1)$
49988012	G	$9^8+7^6*(5+4+(3+2)^1)$	59743191	G	$9^8+7^6*5^4*3^2(2+1)$
50014017	G	$9^8+7^6*5^4*3^2*1$	59754906	G	$9^8+(7+6)^5*(4+3+2+1)$
50105662	G	$9^8+7^6*(5+4+3)^2+1$	59754907	G	$9^8+(7+6)^5*(4+3+2)+1$
50105663	G	$9^8+7^6*5^4*3+2*1$	59914170	G	$9^8+(7+6+5+4)^3*2+1$
50105664	G	$9^8+7^6*5^4*3+2+1$	59914171	G	$9^8+(7+6+5+4)^3+2+1$
50105682	G	$9^8+7^6*5^4*3+2+1$	60021314	G	$9^8+(7^6+5^4*3)^2(2+1)$
50340959	G	$9^8+7^6*(5^4*3+2)^1$	60056723	G	$9^8+7^*(6^5)^4*3+2^1$
50387208	G	$9^8+7^*(6+5+4)^3(3^2+1)$	60126199	G	$9^8+(7+6)^5*(4+3+2+1)$
50501441	G	$9^8+7^6*5^4*(3^2+1)$	60410610	G	$9^8+(7+6+5+4)^3(2+1)$
50701042	G	$9^8+7^6*5^4*3+2+1$	60576422	G	$9^8+7^6*(5+(4+3)^2)^1$
50824827	G	$9^8+7^6*(5+4+3)^2(2+1)$	60622730	G	$9^8+7+(6+5+4)^3+2^1$
50829121	G	$9^8+7^6*(5^4*3)^2+1$	60897362	G	$9^8+7+6^5*4^3*2+1$
50844021	G	$9^8+(7+6)^5+4+3)^2+1$	61240079	G	$9^8+(7+6)^5*(4+3)^2+1$
50844126	G	$9^8+(7+6)^5+4+3)^2+1$	61626177	G	$9^8+(7+6+5+4)^3*2+1$
50845218	G	$9^8+(7+6)^5+4+3)^2+1$	62341157	G	$9^8+7^6*(5^4*3+2)^1$
50897926	G	$9^8+(7+6+5+4)^3+2+1$	62533901	G	$9^8+7+(6+5)^4(4+3)+2^1$
51009352	G	$9^8+7+6^5*4^3(3+2)^1$	62533902	G	$9^8+7+(6+5)^4(4+3)+2+1$
51009353	G	$9^8+7+6^5*4^3(3+2)+1$	62533920	G	$9^8+7+(6+5)^4(4+3)+2+1$
51016513	G	$9^8+(7+6^5)^4*(3+2)^1$	62647410	G	$9^8+(7^6*5^4+3)^3*2+1$
51016514	G	$9^8+(7+6^5)^4*(3+2)+1$	62729721	G	$9^8+(7+6+5+4)^3(2+1)$
51024296	G	$9^8+(7+6^5)^4*(3+2)+1$	63202126	G	$9^8+7+(6^4(5+4)+3)^2*1$
51164504	G	$9^8+7^6*(5+4+3)^2+1$	63202127	G	$9^8+7+(6^4(5+4)+3)^2*1$
51445125	G	$9^8+(7^6*(5+4+3))^2+1$	63202133	G	$9^8+(7+6+5+4)^3)^2+1$
51472971	G	$9^8+7^6*5^4*3+2+1$	63617545	G	$9^8+(7^6*5^4+3)^2(2+1)$
51957753	G	$9^8+(7+6)^5*4^3*2*1$	64223542	G	$9^8+7^6*5^4*3^2+1$
51957754	G	$9^8+(7+6)^5*4^3*2+1$	65367243	G	$9^8+7^6*(5+4)^3(2+1)$
52265217	G	$9^8+(7+6+5+4)^3*2+1$	65367244	G	$9^8+7^6*(5+4)^3(2+1)$
52417526	G	$9^8+(7+6^5)^4*(3+2)^1$	65455245	G	$9^8+7^6*5^4*3^2+1$
52417527	G	$9^8+(7+6^5)^4*(3+2)+1$	65455246	G	$9^8+7^6*5^4*3^2+1$
52929995	G	$9^8+7^6+5^4(4+3+2)+1$	65455321	G	$9^8+7^6*(5+4+3)^2+1$

66438432	G	$9^8 + ((7+6)^5 + 4) * 3 * 2^1$	99669828	G	$9^8 + (76 * 5 + 4) \wedge 3 + 2 + 1$
67445126	G	$9^8 + (7 * 6 + 5) \wedge 4 * (3 + 2 \wedge 1)$	100149210	G	$9^8 + (7 + 65 * 4) \wedge 3 * (2 + 1)$
67445127	G	$9^8 + (7 * 6 + 5) \wedge 4 * (3 + 2) + 1$	100224135	G	$9^8 + 7 \wedge 6 * 5 * 4 * 3 \wedge 2 * 1$
67552059	G	$9^8 + (7 + 6) \wedge 5 * (4 \wedge 3 + 2 \wedge 1)$	101007324	G	$9^8 + (76 * 5 + 4 + 3) \wedge (2 + 1)$
67552060	G	$9^8 + (7 + 6) \wedge 5 * (4 \wedge 3 + 2) + 1$	101508241	G	$9^8 + 7 + (6 + 5) \wedge (4 + 3) * (2 + 1)$
67688892	G	$9^8 + (76 + 5 * 43) \wedge (2 + 1)$	101508255	G	$9^8 + (7 + (6 + 5) \wedge (4 + 3)) * (2 + 1)$
67923352	G	$9^8 + (7 + 6) \wedge 5 * (4 + 3 * 2^1)$	101640479	G	$9^8 + 7 + 6 * 5 \wedge (4 + 3 * 2) + 1$
68341258	G	$9^8 + 7 \wedge 6 * 5 * 43 + 2 * 1$	101676370	G	$9^8 + (7654 + 3) \wedge 2 * 1$
68341259	G	$9^8 + 7 \wedge 6 * 5 * 43 + 2 + 1$	101676371	G	$9^8 + (7654 + 3) \wedge 2 + 1$
68851521	G	$9^8 + 7 * (6 * 5 * 4 * 3) \wedge 2 \wedge 1$	103512905	G	$9^8 + 7 + 6 \wedge (5 + 4) * 3 * 2 + 1$
68966728	G	$9^8 + 7 + (6 * 5) \wedge 4 * 32 \wedge 1$	103512939	G	$9^8 + (7 + 6 \wedge (5 + 4)) * (3 + 2 + 1)$
69517747	G	$9^8 + (7 * (6 + (5 + 4) \wedge 3)) \wedge 2 + 1$	103699672	G	$9^8 + 7 + (6 \wedge 5 + 4 * 3) \wedge 2 \wedge 1$
69920601	G	$9^8 + (7 + 65) \wedge 4 + 3 + 2 + 1$	103699673	G	$9^8 + 7 + (6 \wedge 5 + 4 * 3) \wedge 2 + 1$
69920604	G	$9^8 + (7 + 65) \wedge 4 + 3 \wedge (2 + 1)$	103730821	G	$9^8 + (7 + 6 \wedge 5 + 4 + 3) \wedge 2 * 1$
69920609	G	$9^8 + (7 + 65) \wedge 4 + 32 \wedge 1$	103730822	G	$9^8 + (7 + 6 \wedge 5 + 4 + 3) \wedge 2 + 1$
69920610	G	$9^8 + (7 + 65) \wedge 4 + 32 + 1$	104292997	G	$9^8 + (7 + 6 \wedge 5 + 4 + 3) \wedge 2 * 1$
69920640	G	$9^8 + (7 + 65) \wedge 4 + 3 * 2^1$	104512329	G	$9^8 + 7 + (6 \wedge 5 + 4 * 3) \wedge 2 + 1$
70546257	G	$9^8 + (76 * (5 + 4 * 3)) \wedge 2 \wedge 1$	104622131	G	$9^8 + (7 + 6 \wedge 5 + 4 * 3) \wedge 2 + 1$
71744542	G	$9^8 + 7 + 6 * (5 + 4) \wedge (3 * 2 + 1)$	106930130	G	$9^8 + 7 \wedge 6 * 5 * 4 * 3 + 2 \wedge 1$
71870726	G	$9^8 + 7 \wedge 6 * 5 * (4 + 3) \wedge 2 \wedge 1$	106930131	G	$9^8 + 7 \wedge 6 * 5 * 4 * 3 + 2 + 1$
73019905	G	$9^8 + 76 * (5 \wedge 4 + 3) \wedge 2 \wedge 1$	106930149	G	$9^8 + 7 \wedge 6 * 5 * 4 * 3 + 2 + 1$
73019906	G	$9^8 + 76 * (5 \wedge 4 + 3) \wedge 2 + 1$	107165426	G	$9^8 + 7 \wedge 6 * (5 * 4 + 3 + 2) \wedge 1$
74606626	G	$9^8 + (7 + 6) \wedge 5 * (4 \wedge 3 + 2 + 1)$	111071176	G	$9^8 + 7 + (6 * 5 \wedge 4) \wedge 3 * 2 \wedge 1$
74798721	G	$9^8 + 7 * (6 + 5 \wedge 4) \wedge 3 * 2^1$	111406139	G	$9^8 + 7 * (6 + 5 \wedge (4 + 3 * 2)) + 1$
74897224	G	$9^8 + 7 + 6 \wedge 5 * 4 \wedge (3 + 2 + 1)$	111406145	G	$9^8 + 7 * (6 + 5 \wedge (4 + 3 * 2) + 1)$
74897225	G	$9^8 + 7 + 6 \wedge 5 * 4 \wedge (3 * 2) + 1$	111952971	G	$9^8 + 7 * 6 * 5 \wedge (4 + 3) * 2^1$
74977919	G	$9^8 + (7 + 6) \wedge 5 * 4 * 3 * 2 * 1$	112937409	G	$9^8 + 7 * 6 * 5 * 4 * 3 * 2^1$
74977920	G	$9^8 + (7 + 6) \wedge 5 * 4 * 3 * 2 + 1$	113590602	G	$9^8 + 7 * 6 \wedge (5 + 4) + 3 \wedge 2 \wedge 1$
75349212	G	$9^8 + (7 + 6) \wedge 5 * (4 * 3 * 2 + 1)$	113590603	G	$9^8 + 7 * 6 \wedge (5 + 4) + 3 \wedge 2 + 1$
76527546	G	$9^8 + 7 * (6 + (5 + 4) \wedge (3 * 2 + 1))$	113590616	G	$9^8 + 7 * (6 \wedge (5 + 4) + 3) + 2 \wedge 1$
76646824	G	$9^8 + 7 + 6 \wedge 5 * 4 * 3 * 2^1$	113590617	G	$9^8 + 7 * 6 \wedge (5 + 4) + 3 + 2 + 1$
76744017	G	$9^8 + (7 + 6 + 5) \wedge 4 * 3 * 2^1$	113590620	G	$9^8 + 7 * 6 \wedge (5 + 4) + 3 \wedge (2 + 1)$
77066721	G	$9^8 + 7 * (6 * 5) \wedge 4 * 3 * 2 \wedge 1$	113590625	G	$9^8 + 7 * 6 \wedge (5 + 4) + 32 \wedge 1$
77692704	G	$9^8 + 7 + (6 + 5 * 4 * 3) \wedge (2 + 1)$	113590626	G	$9^8 + 7 * 6 \wedge (5 + 4) + 32 + 1$
78012511	G	$9^8 + 7 + (6 * 5 + 4 * 3) \wedge (2 + 1)$	113590629	G	$9^8 + 7 * (6 \wedge (5 + 4) + 3 + 2) + 1$
78198728	G	$9^8 + 7 + (65 * 4) \wedge 3 * 2 \wedge 1$	113590635	G	$9^8 + 7 * (6 \wedge (5 + 4) + 3) + 2 + 1$
79222406	G	$9^8 + 7 * 65 * 4 * 3 \wedge (2 + 1)$	113590642	G	$9^8 + 7 * (6 \wedge (5 + 4) + 3 * 2 + 1)$
79311415	G	$9^8 + (7 + 6 * 5 * 4) \wedge 3 + 2 + 1$	113590656	G	$9^8 + 7 * 6 \wedge (5 + 4) + 3 * 2^1$
79311433	G	$9^8 + (7 + 6 * 5 * 4) \wedge 3 + 2 + 1$	113590663	G	$9^8 + 7 * (6 \wedge (5 + 4) + 3 * 2 + 1)$
80306425	G	$9^8 + (7 + 6 * 5 * 4 + 3) \wedge (2 + 1)$	113590761	G	$9^8 + 7 * (6 \wedge (5 + 4) + 3 + 2 + 1)$
80929699	G	$9^8 + 7 \wedge 6 * (5 * 4 * 3 + 2) \wedge 1$	113590782	G	$9^8 + 7 * (6 \wedge (5 + 4) + 3 \wedge (2 + 1))$
82021070	G	$9^8 + 7 + (6 + 5) \wedge (4 + 3) * 2 * 1$	113590824	G	$9^8 + 7 * (6 \wedge (5 + 4) + 32 + 1)$
82021071	G	$9^8 + 7 + (6 + 5) \wedge (4 + 3) * 2 + 1$	113590914	G	$9^8 + 7 * 6 \wedge (5 + 4) + 32 + 1$
82021077	G	$9^8 + 7 + (6 + 5) \wedge (4 + 3)) * 2 \wedge 1$	115576103	G	$9^8 + (7 + 6 * 5 * 4) \wedge 3 * 2 * 1$
82182115	G	$9^8 + (7 + 6 + 5 * 4) \wedge (3 + 2) + 1$	115576104	G	$9^8 + (7 + 6 * 5 * 4) \wedge 3 * 2 + 1$
82404165	G	$9^8 + ((7 + 6 * 5) \wedge 4 + 3) * 2^1$	116203329	G	$9^8 + 7 * 6 * 5 * 4 * 3 * 2^1$
83402043	G	$9^8 + (7 \wedge 6 + 5) * (4 + 3) \wedge (2 + 1)$	116577351	G	$9^8 + 7 \wedge 6 * 5 \wedge 4 + 3 + 2 \wedge 1$
83436237	G	$9^8 + 76 * (5 + 4) \wedge (3 * 2 \wedge 1)$	116577352	G	$9^8 + 7 \wedge 6 * 5 \wedge 4 + 3 + 2 + 1$
85949221	G	$9^8 + (7 + 6543) \wedge 2 * 1$	116577353	G	$9^8 + 7 \wedge 6 * 5 \wedge 4 + 3 * 2 + 1$
85949222	G	$9^8 + (7 + 6543) \wedge 2 + 1$	116577355	G	$9^8 + 7 \wedge 6 * 5 \wedge 4 + 3 * 2 * 1$
86062764	G	$9^8 + (7 + 6 * 5 * 4) \wedge 3 * 2^1$	116577356	G	$9^8 + 7 \wedge 6 * 5 \wedge 4 + 3 * 2 + 1$
86093452	G	$9^8 + (76 + 5) \wedge 4 + 3 * 2 + 1$	116577370	G	$9^8 + 7 \wedge 6 * 5 \wedge 4 + 3 + 2 + 1$
88026585	G	$9^8 + (7 + 6 * 5) \wedge 4 * (3 + 2 + 1)$	116577373	G	$9^8 + 7 \wedge 6 * 5 \wedge 4 + 3 \wedge (2 + 1)$
88482152	G	$9^8 + 7 + (6 * 5 + 4) \wedge (3 + 2 \wedge 1)$	116577379	G	$9^8 + 7 \wedge 6 * 5 \wedge 4 + 32 + 1$
88482153	G	$9^8 + 7 + (6 * 5 + 4) \wedge (3 + 2) + 1$	116577409	G	$9^8 + 7 \wedge 6 * 5 \wedge 4 + 3 * 2^1$
89183721	G	$9^8 + (76 + 54) \wedge 3 * 2^1$	116577667	G	$9^8 + 7 \wedge 6 * 5 \wedge 4 + 32 + 1$
90572225	G	$9^8 + (7 + 6) \wedge 5 * 4 * 3 * 2 * 1$	117165591	G	$9^8 + 7 \wedge 6 * (5 \wedge 4 + 3 + 2) \wedge 1$
90572226	G	$9^8 + (7 + 6) \wedge 5 * 4 * 3 * 2 + 1$	118342081	G	$9^8 + 7 \wedge 6 * 5 * 4 * 3 * 2 \wedge 1$
91337544	G	$9^8 + 7 * (65 + 4) \wedge 3 * 2^1$	118342082	G	$9^8 + 7 \wedge 6 * 5 * 4 * 3 * 2 + 1$
91874922	G	$9^8 + 76 + 5 \wedge (4 + 3 * 2 + 1)$	125077971	G	$9^8 + 7 * 6 * 5 \wedge (4 + 3 + 2) \wedge 1$
91992495	G	$9^8 + 7 \wedge 6 + 5 \wedge (4 + 3 * 2 + 1)$	125077972	G	$9^8 + 7 * 6 * 5 \wedge (4 + 3 + 2) + 1$
92329793	G	$9^8 + (7 * 6 + 5) * 4 \wedge (3 \wedge 2 + 1)$	126216353	G	$9^8 + 7 * (6 + 5 * 4) \wedge (3 + 2) * 1$
93435236	G	$9^8 + (7 + 6 \wedge (5 + 4)) * (3 + 2 * 1)$	126216354	G	$9^8 + 7 * (6 + 5 * 4) \wedge (3 + 2) + 1$
93435237	G	$9^8 + (7 + 6 \wedge (5 + 4)) * (3 + 2) + 1$	127754001	G	$9^8 + 7 \wedge 6 * 5 * (4 * 3) \wedge 2 \wedge 1$
93635791	G	$9^8 + 7 \wedge 6 * 5 * 4 * 3 * 2 * 1$	129140169	G	$9^8 + ((76 + 5) \wedge 4 + 3) * 2 \wedge 1$
93635792	G	$9^8 + 7 \wedge 6 * 5 * 4 * 3 * 2 + 1$	129140170	G	$9^8 + ((76 + 5) \wedge 4 + 3) * 2 + 1$
94076721	G	$9^8 + 7 * (6 * 5) \wedge 4 * 3 * 2 \wedge 1$	130575105	G	$9^8 + (76 * 5 + 4 * 3) \wedge (2 + 1)$
94459334	G	$9^8 + 7 \wedge 6 * (5 + 4 * 3) \wedge 2 \wedge 1$	133745992	G	$9^8 + 7 + 6 \wedge (5 + 4) * 3 * 2 \wedge 1$
96794439	G	$9^8 + ((7 + 65) \wedge 4 + 3) * 2 \wedge 1$	133745993	G	$9^8 + 7 + 6 \wedge (5 + 4) * 3 \wedge 2 + 1$
96794440	G	$9^8 + ((7 + 65) \wedge 4 + 3) * 2 + 1$	133746049	G	$9^8 + (7 + 6 \wedge (5 + 4)) * 3 \wedge 2 + 1$

136612557	G	$9^8+(7+6)^5 \cdot 4^3 \cdot 2^1$	301327069	G	$9^8 \cdot 7+6+5+4+3 \cdot 2+1$
139749302	G	$9^8+(7 \cdot 65+4)^3 \cdot 2^1$	301327071	G	$9^8 \cdot 7+6+5+4+3^2 \cdot 1$
139749303	G	$9^8+(7 \cdot 65+4)^3 \cdot 2+1$	301327072	G	$9^8 \cdot 7+6+5+4+3^2+1$
142661441	G	$9^8+76 \cdot 5^4 \cdot 3^2 \cdot 2^1$	301327079	G	$9^8 \cdot 7+6+5^4+3+2+1$
143823688	G	$9^8+7+6^5(5+4)^3(3^2+1)$	301327090	G	$9^8 \cdot 7+6 \cdot 5^4+3^2 \cdot 1$
144894284	G	$9^8+(7 \cdot 65+4^3)^2(2+1)$	301327091	G	$9^8 \cdot 7+6 \cdot 5^4+3^2+1$
156292929	G	$9^8+(76 \cdot 5+4)^3 \cdot 2^1$	301327094	G	$9^8 \cdot 7+6+5+4+32^1$
156292930	G	$9^8+(76 \cdot 5+4)^3 \cdot 2+1$	301327095	G	$9^8 \cdot 7+6+5+4+32+1$
156426625	G	$9^8+(7+6+5+4)^3(2+1)$	301327097	G	$9^8 \cdot 7+6+5^4+3+2+1$
156426626	G	$9^8+(7+6+5+4)^3(2+1)+1$	301327100	G	$9^8 \cdot 7+6+5^4+3^2(2+1)$
158902923	G	$9^8+(7+6 \cdot 5+4)^3(2+1)+1$	301327102	G	$9^8 \cdot 7+6 \cdot 5+4^3 \cdot 2+1$
160159065	G	$9^8+(7 \cdot 6+5)^4 \cdot 3(2+1)$	301327103	G	$9^8 \cdot 7+6+5+4+3^2+1$
162322241	G	$9^8+7 \cdot 65^4 \cdot 3^2 \cdot 2^1$	301327104	G	$9^8 \cdot 7+6+5+4+3+2+1$
163524417	G	$9^8+(7^6+5)^4 \cdot 3(2+1)$	301327105	G	$9^8 \cdot 7+6+5^4+32^1$
163642071	G	$9^8+(7^6+5)^4 \cdot (4^3(2+1)+1)$	301327106	G	$9^8 \cdot 7+6+5^4+32+1$
163716946	G	$9^8+(7+6)^5 \cdot 5^4(4+321)$	301327107	G	$9^8 \cdot 7+6+(5+4)^3 \cdot 2^1$
164107542	G	$9^8+7^6 \cdot 5^4(5+4^3(2+1))^4$	301327112	G	$9^8 \cdot 7+6+5+4+3+2+1$
164185921	G	$(9^8+7 \cdot (65^4 \cdot 3)^2)^4$	301327113	G	$9^8 \cdot 7+6+5+4+3+2+1$
166078723	G	$9^8+7 \cdot (65^4)^3 \cdot 2^1$	301327115	G	$9^8 \cdot 7+6+(5^4 \cdot 3+2)^4$
167734221	G	$9^8+76 \cdot 5^4(4+3)^2$	301327116	G	$9^8 \cdot 7+6+5+4+3^2 \cdot 1$
168001128	G	$9^8+7 \cdot 65^4+32^1$	301327121	G	$9^8 \cdot 7+65+4+3+2+1$
170400220	G	$9^8+(7+6)^5 \cdot 5^4(4+3)^2(2+1)$	301327122	G	$9^8 \cdot 7+65+4+3+2+1$
170448712	G	$9^8+7+6^5 \cdot 4^3(3^2+1)$	301327124	G	$(9^8 \cdot 7+6+5+4^3+2)^4$
173737962	G	$9^8+(7 \cdot 6)^5+4+3+2^1$	301327125	G	$9^8 \cdot 7+65+4+3^2 \cdot 1$
173737963	G	$9^8+(7 \cdot 6)^5+4+3+2+1$	301327126	G	$9^8 \cdot 7+65+4^3 \cdot 2^1$
173737964	G	$9^8+(7 \cdot 6)^5+4+3^2+1$	301327127	G	$9^8 \cdot 7+65+4^3+2+1$
173737966	G	$9^8+(7 \cdot 6)^5+4+3^2 \cdot 1$	301327132	G	$9^8 \cdot 7+65+4^3(3+2)^4$
173737967	G	$9^8+(7 \cdot 6)^5+4^3+2^1$	301327136	G	$9^8 \cdot 7+6+5^4+3^2 \cdot 1$
173737977	G	$9^8+(7 \cdot 6)^5+4^3 \cdot 2^1$	301327137	G	$9^8 \cdot 7+65+4^3 \cdot 2+1$
173737990	G	$9^8+(7 \cdot 6)^5+4+32+1$	301327139	G	$9^8 \cdot 7+6+5+4+32^1$
173737999	G	$9^8+(7 \cdot 6)^5+4+3+2+1$	301327141	G	$9^8 \cdot 7+6 \cdot 5+4+3+2+1$
173738020	G	$9^8+(7 \cdot 6)^5+4+3^2 \cdot 1$	301327143	G	$9^8 \cdot 7+6 \cdot 5+4^3+2^1$
173738082	G	$9^8+(7 \cdot 6)^5+4^3 \cdot 2+1$	301327144	G	$9^8 \cdot 7+6+5+4+3^2 \cdot 1$
173738205	G	$9^8+(7 \cdot 6)^5+4^3 \cdot 2^1$	301327149	G	$9^8 \cdot 7+6+(5+4+3)^2 \cdot 1$
173738278	G	$9^8+(7 \cdot 6)^5+4+32+1$	301327157	G	$9^8 \cdot 7+65+4+3+2^1$
173739237	G	$9^8+(7 \cdot 6)^5+4^3 \cdot 2+1$	301327161	G	$9^8 \cdot 7+65+(4+3)^2 \cdot 1$
173739297	G	$9^8+(7 \cdot 6)^5+4^3 \cdot 2^1$	301327162	G	$9^8 \cdot 7+65+(4+3)^2+1$
173739802	G	$9^8+(7 \cdot 6)^5+4+3^2 \cdot 1$	301327163	G	$9^8 \cdot 7+6 \cdot 5+4+3^2 \cdot 1$
173742274	G	$9^8+(7 \cdot 6)^5+4+32+1$	301327172	G	$9^8 \cdot 7+6 \cdot 5^4+3+2^1$
174000097	G	$9^8+(7 \cdot 6)^5+4^3 \cdot 2^1$	301327173	G	$9^8 \cdot 7+6 \cdot 5^4+3+2+1$
177416001	G	$9^8+(7+65)^4 \cdot 3(2+1)$	301327174	G	$9^8 \cdot 7+6 \cdot 5^4+3^2+1$
177416002	G	$9^8+(7+65)^4 \cdot 3(2+1)+1$	301327177	G	$9^8 \cdot 7+6 \cdot 5^4+3^2+1$
177446721	G	$9^8+7 \cdot 6^5(5^4)^3(2+1)^4$	301327179	G	$9^8 \cdot 7+65+4^3+2+1$
179456920	G	$9^8+7 \cdot (6+5)^4(4+3)^2+1$	301327197	G	$9^8 \cdot 7+6+(5+4+3)^2 \cdot 1$
179456921	G	$9^8+7 \cdot (6+5)^4(4+3)^2+1$	301327199	G	$9^8 \cdot 7+6 \cdot 5^4+32^1$
179456932	G	$9^8+7 \cdot ((6+5)^4(4+3)^2+1)$	301327202	G	$9^8 \cdot 7+6+5+(4^3)^2 \cdot 1$
179456933	G	$9^8+7 \cdot ((6+5)^4(4+3)^2+1)$	301327205	G	$9^8 \cdot 7+6 \cdot 5+4^3 \cdot 2^1$
179456939	G	$9^8+7 \cdot (6+5)^4(4+3)^2+1$	301327217	G	$9^8 \cdot 7+6+5^4 \cdot 3+2^1$
182845080	G	$9^8+(7 \cdot 65+4^3)^2(2+1)$	301327220	G	$9^8 \cdot 7+65+4^3(2+1)$
191484222	G	$9^8+76 \cdot 5^4(4+3+2)+1$	301327221	G	$9^8 \cdot 7+6 \cdot 5+(4^3)^2 \cdot 1$
191484297	G	$9^8+76 \cdot 5^4(4+3+2)+1$	301327222	G	$9^8 \cdot 7+6 \cdot 5+(4^3)^2+1$
199196513	G	$9^8+(7 \cdot 6+5)^4 \cdot 3^2 \cdot 1$	301327230	G	$9^8 \cdot 7+6 \cdot 5^4+3^2 \cdot 1$
199196514	G	$9^8+(7 \cdot 6+5)^4 \cdot 3^2+1$	301327233	G	$9^8 \cdot 7+6+5^4(4+3)^2 \cdot 1$
203149741	G	$9^8+7+6+5+4^3(2+1)$	301327240	G	$9^8 \cdot 7+65+4^3 \cdot 2^1$
203149770	G	$9^8+7+6+5+4^3(2+1)$	301327256	G	$9^8 \cdot 7+65+(4^3)^2 \cdot 1$
203267377	G	$9^8+7+6+5+4^3(2+1)$	301327263	G	$9^8 \cdot 7+(65+4+3)^2 \cdot 1$
203702353	G	$9^8+7+65^4 \cdot 3^2 \cdot 2^1$	301327270	G	$9^8 \cdot 7+6+5^4+3+2^1$
204076194	G	$9^8+(7 \cdot 6+5)^4 \cdot 3(2+1)$	301327271	G	$9^8 \cdot 7+6+5^4+3+2+1$
212916033	G	$9^8+(76 \cdot 5+4)^3 \cdot 2(2+1)$	301327293	G	$9^8 \cdot 7+(6 \cdot 5^4+3)^2 \cdot 1$
213906103	G	$9^8+7+(6+5+4)^3(3^2+1)$	301327310	G	$9^8 \cdot 7+6+5+4^3 \cdot 2^1$
214926337	G	$9^8+(7+6+5+4)^3(2+1)$	301327312	G	$9^8 \cdot 7+65^4+3+2+1$
243931419	G	$9^8+7 \cdot 6^5(5+4)^3(2+1)$	301327313	G	$9^8 \cdot 7+65^4+3^2 \cdot 1$
246344193	G	$9^8+7 \cdot 6^5 \cdot 5^4 \cdot 3^2 \cdot 1$	301327316	G	$9^8 \cdot 7+65^4+3^2 \cdot 1$
257493464	G	$9^8+7+((6+5)^4+3)^2 \cdot 1$	301327323	G	$9^8 \cdot 7+6+5^4(3+2)^4$
261167967	G	$9^8+7 \cdot 6^5(5+4+3)^2 \cdot 1$	301327329	G	$9^8 \cdot 7+6 \cdot 5+4^3 \cdot 2^1$
266000193	G	$9^8+7 \cdot 6^5 \cdot 4^3(3^2 \cdot 2^1)$	301327331	G	$9^8 \cdot 7+65^4+3+2+1$
266000194	G	$9^8+7 \cdot 6^5 \cdot 4^3(3^2+1)$	301327339	G	$9^8 \cdot 7+65^4+32^1$
290719949	G	$9^8+76+(5^4+3)^2(2+1)$	301327340	G	$9^8 \cdot 7+65^4+3+2+1$
294359265	G	$9^8+76 \cdot 5^4 \cdot 3^2 \cdot 1$	301327341	G	$9^8 \cdot 7+6+(5+4)^3 \cdot 2^1$
301327067	G	$9^8 \cdot 7+6+5+4+3+2^1$	301327342	G	$(9^8 \cdot 7+6+(5+4)^3)^2 \cdot 1$

301327343	G	$9^8*7+6+(5+4*3)^2+1$	301330829	G	$9^8*7+6*5^4+32^1$
301327364	G	$9^8*7+65+4*3*21$	301330972	G	$9^8*7+654*3*2+1$
301327370	G	$9^8*7+65*4+3*21$	301331007	G	$9^8*7+6*5*4*(32+1)$
301327371	G	$9^8*7+(6+5+4+3)^2*1$	301331154	G	$9^8*7+6+5+4^4(3+2+1)$
301327372	G	$9^8*7+(6+5+4+3)^2+1$	301331173	G	$9^8*7+6*5+4^4(3+2+1)$
301327375	G	$9^8*7+6+5*4^3+2^1$	301331337	G	$9^8*7+65*(4^3+2)^1$
301327376	G	$9^8*7+(6*5+3+2)^1$	301331379	G	$9^8*7+6+5+4321$
301327377	G	$9^8*7+6+5+4*3*2*1$	301331423	G	$9^8*7+6*(5+4)^3+2*1$
301327395	G	$9^8*7+6*5+3+21$	301331433	G	$9^8*7+65+4321$
301327401	G	$9^8*7+6+5+(4+3)^{(2+1)}$	301331442	G	$9^8*7+6*(5+4)^3+21$
301327402	G	$9^8*7+6*5+4+321$	301331966	G	$9^8*7+6+(5+4*3)^{(2+1)}$
301327403	G	$9^8*7+6*5+4*3*2*1$	301332173	G	$9^8*7+6+5*4^4(3+2)^1$
301327404	G	$9^8*7+6*5+4+32+1$	301332174	G	$9^8*7+6+5*4^4(3+2)+1$
301327407	G	$9^8*7+6*(5+4*3)^2^1$	301332376	G	$9^8*7+(6*5+4+3)^2^1$
301327409	G	$9^8*7+6*5*4*3+2^1$	301332933	G	$9^8*7+654*3^2*1$
301327420	G	$9^8*7+6*5+(4+3)^{(2+1)}$	301332934	G	$9^8*7+654*3^2+1$
301327425	G	$9^8*7+6*(5+4*3)^2^1$	301332976	G	$9^8*7+(6+5+4*3)^2^1$
301327431	G	$9^8*7+6+5+4*(3*2+1)$	301333564	G	$9^8*7+6*5+4*3*2+1$
301327434	G	$9^8*7+6*5+4*3*21$	301333592	G	$9^8*7+65+4*3*2+1$
301327490	G	$9^8*7+6+5+4*3*2^1$	301333593	G	$9^8*7+65+4*3*2+1$
301327509	G	$9^8*7+6*5+4*3*2^1$	301333611	G	$9^8*7+65+4*3*2+1$
301327510	G	$9^8*7+6*5+4*3*2+1$	301333797	G	$9^8*7+(6+5+4)^3*2^1$
301327527	G	$9^8*7+(6+5+4)*3*2^1$	301334832	G	$9^8*7+6^5+(4+3+2)^1$
301327539	G	$9^8*7+6+5+4*3^2^1$	301334872	G	$9^8*7+6^5+(4+3)^2*1$
301327544	G	$9^8*7+6+5+4*3*2^1$	301334909	G	$9^8*7+6^5+4*3*2^1$
301327545	G	$9^8*7+6*(5+4+3*21)$	301334910	G	$9^8*7+6^5+4*3*2+1$
301327576	G	$9^8*7+(6+5+4*3)^2^1$	301334919	G	$9^8*7+6^5+4*(3+2+1)$
301327577	G	$9^8*7+(6+5+4*3)^2+1$	301334931	G	$9^8*7+6^5+4*3^2(2+1)$
301327593	G	$9^8*7+6*(5+4*3)^2^1$	301334951	G	$9^8*7+6^5+4*3*2^1$
301327599	G	$9^8*7+6*(5+4*3)^2+1$	301334952	G	$9^8*7+6^5+4*3*2+1$
301327647	G	$9^8*7+6*5*4*(3+2*1)$	301334967	G	$9^8*7+6^5+(4*3)^2*1$
301327693	G	$9^8*7+6+5*4*3*2^1$	301335055	G	$9^8*7+6+(5*4)^3+2^1$
301327694	G	$9^8*7+6+5*4*3*2+1$	301335075	G	$9^8*7+6^5+4*3*2^1$
301327702	G	$9^8*7+6+5^4+3+21$	301335166	G	$9^8*7+6^5+(4+3)^{(2+1)}$
301327706	G	$9^8*7+6+5+4*3+2^1$	301335255	G	$9^8*7+6^5+4*3*2^1$
301327710	G	$9^8*7+6+5+4*3*2^1$	301335256	G	$9^8*7+6^5+4*3*2+1$
301327711	G	$9^8*7+6+5+4*3*2+1$	301335367	G	$9^8*7+6^5*4*3*2^1$
301327713	G	$9^8*7+6+5*4*(3+2+1)$	301335693	G	$9^8*7+6+5*(4*3)^{(2+1)}$
301327733	G	$9^8*7+6+5+4*3*2^1$	301335726	G	$9^8*7+6^5+4*3*2^1$
301327741	G	$9^8*7+6+5^4+3*21$	301335795	G	$9^8*7+6*(5+4)^3*2^1$
301327764	G	$9^8*7+6+5+4*3*2^1$	301336107	G	$9^8*7+6^5+4*3*2^1$
301327767	G	$9^8*7+6*5*4*3*2^1$	301336551	G	$9^8*7+6^5+(4*3)^{(2+1)}$
301327773	G	$(9^8*7+6+5*(4*3)^2)^1$	301336672	G	$9^8*7+6^5+4*3*2^1$
301327797	G	$9^8*7+6*5*(4*3*2+1)$	301337337	G	$9^8*7+6*5*(4+3)^{(2+1)}$
301327929	G	$9^8*7+(6*5+4*3)*21$	301337415	G	$9^8*7+6*5*4*3*2^1$
301327961	G	$9^8*7+6+5+4*3*2^1$	301337416	G	$9^8*7+6*5*4*3*2+1$
301327992	G	$9^8*7+(6+5+4)*3*21$	301338299	G	$9^8*7+6*5^4*3+2^1$
301327999	G	$9^8*7+6+5^4+3+21$	301339144	G	$9^8*7+6^5+4*3*2^1$
301329011	G	$9^8*7+6+5+4*3*2^1$	301340133	G	$9^8*7+6+5+4*3*2^1$
301329012	G	$9^8*7+6+5+4*3*2+1$	301341693	G	$9^8*7+(6+5)^4+3+2^1$
301329030	G	$9^8*7+6+5+4*3*2^1$	301341694	G	$9^8*7+(6+5)^4+3+2+1$
301329214	G	$9^8*7+6+5^4+3+21$	301341697	G	$9^8*7+(6+5)^4+3^2^1$
301329315	G	$9^8*7+(6+5+4*3)*21$	301341720	G	$9^8*7+(6+5)^4+3*2^1$
301329357	G	$9^8*7+6+(5+4*3)^2^1$	301342624	G	$9^8*7+(6^5+4*3)*2+1$
301329657	G	$9^8*7+6*5*(4*3*2+1)$	301343053	G	$9^8*7+6+(5*4)^3*2^1$
301329942	G	$9^8*7+6+(5+4)*3*21$	301343461	G	$9^8*7+6*5+4^4(3*2+1)$
301329963	G	$9^8*7+6*5+4*3*2^1$	301343496	G	$9^8*7+6+5+4^4(3*2+1)$
301329964	G	$9^8*7+6*5+4*3*2+1$	301344705	G	$9^8*7+6+5+4^4(3*2+1)$
301330221	G	$9^8*7+6*(5+4+3)^2^1$	301345797	G	$9^8*7+6*5^4*(3+2)^1$
301330222	G	$9^8*7+6*(5+4+3)^2+1$	301347053	G	$9^8*7+6+5^4*3*2^1$
301330233	G	$9^8*7+6*5*(4+3)^2+1$	301347054	G	$9^8*7+6+5^4*3*2+1$
301330302	G	$9^8*7+6+(5+4+3)^2^1$	301347533	G	$9^8*7+6+5*(4^3)^2^1$
301330307	G	$9^8*7+6*5+4+3*2^1$	301347975	G	$9^8*7+6+5+4*3*2^1$
301330424	G	$9^8*7+(6+5+4)^3+2*1$	301351207	G	$9^8*7+6^5+4^4(3*2+1)$
301330425	G	$9^8*7+(6+5+4)^3+2+1$	301353297	G	$9^8*7+6+(5+4*3)^2^1$
301330443	G	$9^8*7+(6+5+4)^3+21$	301355127	G	$9^8*7+6+5*4*3*2^1$
301330653	G	$9^8*7+6+(5*4*3)^2^1$	301355271	G	$9^8*7+(6+5+4*3)^2^1$
301330802	G	$9^8*7+6*5^4+3+2^1$	301357767	G	$9^8*7+6*5*4^4(3+2*1)$
301330824	G	$9^8*7+6*5^4+3^2(2+1)$	301358214	G	$9^8*7+6^5+4*3*2^1$
301330827	G	$9^8*7+6*(5^4+3+2)^1$	301359639	G	$9^8*7+6*5+4*3*2^1$

301362199	G	$9^8*7+(6+5^4)^3*2^1$	314227666	G	$9^8+7^6*((5+43)^2+1)$
301366353	G	$9^8*7+(6^5+4)^3+2^1$	315144520	G	$9^8+7+6^5(5+4)^3(2+1)$
301368249	G	$9^8*7+654^3*2^1$	315144702	G	$9^8+(7+6^5(5+4))^3(2+1)$
301370972	G	$9^8*7+(6+5)^4*3+2^1$	319177677	G	$9^8*7+65^4+3+2^1$
301370973	G	$9^8*7+(6+5)^4*3+2+1$	319177704	G	$9^8*7+65^4+32^1$
301375049	G	$9^8*7+6^5(5^4)^3+2^1$	322772995	G	$9^8+7+654^3+2+1$
301382517	G	$9^8*7+6^5*43^2^1$	322773013	G	$9^8+7+654^3+2+1$
301385742	G	$9^8*7+65^4*3^2^1$	326640121	G	$9^8+7+(654+3)^2(2+1)$
301393607	G	$9^8*7+65^4(3+2^1)$	331560137	G	$9^8*7+6^5(5+4)^3+2^1$
301395465	G	$9^8*7+6^5*43^2^1$	331851523	G	$9^8+(7+654)^3+2+1$
301396216	G	$9^8*7+(65^4+3)^2^1$	333177543	G	$9^8*7+6^5*4^3(3+2+1)$
301397922	G	$9^8*7+(6+5+4)^3*2^1$	335339273	G	$9^8*7+(6^5*4)^3+2^1$
301405199	G	$9^8*7+6+5^4(4+3)+2+1$	342722664	G	$9^8+7*6543^2^1$
301405655	G	$9^8*7+(6^5+4)^3*2^1$	342722665	G	$9^8+7*6543^2+1$
301410507	G	$9^8*7+65^4*32^1$	342722671	G	$9^8+7*(6543^2+1)$
301420361	G	$9^8*7+6^5*4^3+2^1$	343809721	G	$9^8+(7^6+5^4+3)^2(2+1)$
301420362	G	$9^8*7+6^5*4^3+2+1$	346762471	G	$9^8*7+(6^5+4)^3(2+1)^1$
301423047	G	$9^8*7+6^5(5^4)^3*2^1$	350466624	G	$9^8+(7^6+5)^4*3^2^1$
301431051	G	$9^8*7+6^5*4^3*2^1$	351715527	G	$9^8*7+6^5(5+4)^3(2+1)^1$
301433323	G	$9^8*7+(6+5^4*3)^2^1$	351962504	G	$9^8+7+(6+5^4)^3(2+1)^1$
301433976	G	$9^8*7+(6^5+4+3)^2^1$	351962505	G	$9^8+7+(6+5^4)^3(2+1)+1$
301439367	G	$9^8*7+65^4(4^3)^2(2+1)$	359920797	G	$9^8*7+6^5*4^3(4+3+2+1)$
301447047	G	$9^8*7+6^5*4^3*2^1$	361094690	G	$9^8+7*(6^5+4)^3(2+1)+1$
301447232	G	$9^8*7+65^4*3^2^1$	361793223	G	$9^8*7+(6^5(5+4))^3*2^1$
301449927	G	$9^8*7+6^5*(4^3)^2^1$	365533001	G	$9^8+7+6^5(5+4)^3+2+1$
301456677	G	$9^8*7+6^5*432^1$	365533217	G	$9^8+(7+6^5(5+4))^3+2^1$
301482567	G	$9^8*7+6^5*4^3(3+2)^1$	375610696	G	$9^8+7+6^5(5+4)^3(3+2+1)$
301513671	G	$9^8*7+6^5*4^3*2^1$	375610920	G	$9^8+(7+6^5(5+4))^3(3+2+1)$
301543049	G	$9^8*7+(6+54)^3+2^1$	378324300	G	$9^8+(7+6)^5*43^2^1$
301563297	G	$9^8*7+6^5*4^3*2^1$	387518824	G	$9^8+(76+5^4)^3+2^1$
301589202	G	$9^8*7+6+5+4^3*2^1$	387518825	G	$9^8+(76+5^4)^3+2+1$
301589221	G	$9^8*7+6^5+4^3*2^1$	392026311	G	$9^8*7+6^5(5+4)^3*2^1$
301589256	G	$9^8*7+65+4^3*2^1$	392026312	G	$9^8*7+6^5(5+4)^3*2+1$
301621902	G	$9^8*7+6^5*43^2^1$	423250754	G	$9^8+(7+6)^5*4^3(3+2)+1$
301681342	G	$9^8*7+6^5(5+4)^3(2+1)+1$	425405971	G	$9^8+7^6*((5+4+3)^2+1)$
301708072	G	$9^8*7+6^5*(4+3)^2+1$	430467210	G	$9^8+(76+5)^4*3^2^1$
301722354	G	$9^8*7+(6+5)^4*3^2(2+1)$	430467211	G	$9^8+(76+5)^4*3^2+1$
301795559	G	$9^8*7+(6+5)^4*3^2^1$	440112103	G	$9^8+7+(6+(5+4)^3)^2(2+1)$
301795799	G	$9^8*7+6^5(4+3)+2^1$	441505601	G	$9^8+76^5*4^3(3^2+1)$
301824713	G	$9^8*7+6^5*4^3+2^1$	442764144	G	$9^8+(7+65^4)^3*2^1$
301824714	G	$9^8*7+6^5*4^3+2+1$	451565209	G	$9^8+(7+6+(5+4)^3)^2(2+1)$
301840263	G	$9^8*7+6^5*(4^3+2)^1$	452277319	G	$9^8+7+(6+5)^4(4+3)^2+1$
301935447	G	$9^8*7+(65^4*3)^2^1$	452277459	G	$9^8+(7+(6+5)^4(4+3))^2+1$
302137052	G	$9^8*7+(6^5)^4+3+2^1$	453202971	G	$9^8+7*6^5(4+3+2)^1$
302137079	G	$9^8*7+(6^5)^4+32^1$	453202972	G	$9^8+7*6^5(4+3+2)+1$
302322375	G	$9^8*7+6^5*4^3*2^1$	461982672	G	$9^8*7+65^4*3^2^1$
302322376	G	$9^8*7+6^5*4^3+2+1$	466309954	G	$9^8+7*6^5(5+4)^3*2+1$
302446791	G	$9^8*7+6^5*(4^3)^2^1$	466583121	G	$9^8+7^6*(5^4*3)^2^1$
302530797	G	$9^8*7+6^5*4^3*2^1$	467072344	G	$9^8+7*(6^5+4+3)^2^1$
302637773	G	$9^8*7+6+5^4*3^2^1$	467072345	G	$9^8+7*(6^5+4+3)^2+1$
302740795	G	$9^8+(7+6+5^4)^3+2^1$	467617329	G	$9^8+7*(6^5+4^3)^2^1$
302740796	G	$9^8+(7+6+5^4)^3+2+1$	467617330	G	$9^8+7*(6^5+4^3)^2+1$
302991147	G	$9^8*7+(6^5*4^3)^2^1$	471004049	G	$9^8+7*(6^5+4^3)^2+1$
303055049	G	$9^8*7+(6^5*4)^3+2^1$	471004055	G	$9^8+7*((6^5+4^3)^2+1)$
303096141	G	$9^8*7+6^5*43^2^1$	473305921	G	$9^8+7*(6^5+4^3)^2^1$
303757049	G	$9^8*7+(6^5)^4*3+2^1$	473513931	G	$9^8+(76+5)^4*3^2(2+1)$
304527053	G	$9^8*7+6+(5^4)^3(2+1)^1$	484230472	G	$9^8+7^6*5^4*3^2+1$
306110022	G	$9^8*7+6+(5+4)^3(2+1)$	497803332	G	$9^8+(765+4)^3+2^1$
306421442	G	$9^8+(7+6+5^4+3)^2(2+1)$	501360732	G	$9^8+(7^6+5+4)^3(2+1)$
309191367	G	$9^8*7+6^5*4^3*2^1$	502211759	G	$9^8+7+6+54^3(3+2)+1$
311092679	G	$9^8*7+6+5^4(4+3+2)+1$	502329395	G	$9^8+7^6+54^3(3+2)+1$
311170797	G	$9^8*7+6^5(4+3)^2+1$	503146369	G	$9^8+(765+4+3)^2(2+1)$
311404749	G	$9^8*7+6^5(5+4)+3+2^1$	512144154	G	$9^8+(765+4^3)^2(2+1)$
311404752	G	$9^8*7+6^5(5+4)+3+2^1$	524957505	G	$9^8+(7^6+5)^4*3^2(2+1)$
311404770	G	$9^8*7+6^5(5+4)+3^2(2+1)$	525525270	G	$9^8+7^6*(5+4^3(2+1))^1$
311404775	G	$9^8*7+6^5(5+4)+32^1$	530490124	G	$9^8+(7+65^4*3)^2(2+1)$
311777991	G	$9^8*7+6^5*4^3*2^1$	542064513	G	$9^8+(7+6)^5*4^3*2^1$
311785281	G	$9^8+(7+65)^4*(3+2+1)$	545525910	G	$9^8+7+(6+5^4)^3*2^1$
313045797	G	$9^8*7+6^5(4+3+2^1)$	545525911	G	$9^8+7+(6+5^4)^3*2+1$
314110017	G	$9^8+7^6*(5+4)^2^1$	545525917	G	$9^8+(7+(6+5^4)^3)^2^1$

565811682	G	$9^8+(7*6)^5*4+32+1$	1736099649	G	$9^8+(7+65)^4*3*21$
565811712	G	$9^8+(7*6)^5*4+3*21$	1752031152	G	$9^8+7*(6+5^4(4*3)+2)^{\wedge}1$
587802328	G	$9^8+7+((6^5+4)*3)^{\wedge}2*1$	1801723861	G	$9^8+7*(6+5^4)^{\wedge}3+2+1$
587802329	G	$9^8+7+((6^5+4)*3)^{\wedge}2+1$	1801723872	G	$9^8+7*((6+5^4)^{\wedge}3+2)^{\wedge}1$
588129130	G	$9^8+(7+(6^5+4)*3)^{\wedge}2^{\wedge}1$	1801723879	G	$9^8+7*(6+5^4)^{\wedge}3+21$
588129131	G	$9^8+(7+(6^5+4)*3)^{\wedge}2+1$	1807962282	G	$9^8*(7+6+5+4*3*2)^{\wedge}1$
594295797	G	$9^8*7+6*5^{\wedge}(4+3*2+1)$	1807962297	G	$9^8*7*6+5+4+3*2*1$
602499256	G	$9^8+7+654^{\wedge}3*2*1$	1807962301	G	$9^8*7*6+5+4+3^{\wedge}2+1$
602499257	G	$9^8+7+654^{\wedge}3*2+1$	1807962302	G	$9^8*7*6+5+4*3+2+1$
603173610	G	$9^8+7^{\wedge}6*(5+4^{\wedge}3)^{\wedge}2*1$	1807962307	G	$9^8*7*6+5^{\wedge}4+3+2^{\wedge}1$
603173611	G	$9^8+7^{\wedge}6*(5+4^{\wedge}3)^{\wedge}2+1$	1807962308	G	$9^8*7*6+5^{\wedge}4+3+2+1$
612769510	G	$9^8+(76+5^{\wedge}4^{\wedge}3)^{\wedge}(2+1)$	1807962309	G	$9^8*7*6+5^{\wedge}4+3*2+1$
634509121	G	$9^8+(76*5^{\wedge}4^{\wedge}3)^{\wedge}2^{\wedge}1$	1807962311	G	$9^8*7*6+5+4*3*2*1$
644652402	G	$9^8+(7+6*5)^{\wedge}4*321$	1807962312	G	$9^8*7*6+5+4*3*2+1$
645409602	G	$9^8+7^{\wedge}6*5^{\wedge}4^{\wedge}(3+2)+1$	1807962315	G	$9^8*7*6+5+4+3+21$
655266755	G	$9^8+(7+6+5)^{\wedge}(4+3)+2*1$	1807962323	G	$9^8*7*6+5^{\wedge}4+3^{\wedge}2*1$
655266756	G	$9^8+(7+6+5)^{\wedge}(4+3)+2+1$	1807962324	G	$9^8*7*6+5+4+32+1$
655266774	G	$9^8+(7+6+5)^{\wedge}(4+3)+21$	1807962326	G	$9^8*7*6+5^{\wedge}4+3+21$
661293160	G	$9^8+7+6^{\wedge}5*43^{\wedge}(2+1)$	1807962332	G	$9^8*7*6+5+4+3+2^{\wedge}1$
677812346	G	$9^8+(7+6)*5^{\wedge}(4+3*2+1)$	1807962333	G	$9^8*7*6+5+4+3+2+1$
677941569	G	$9^8+7*6^{\wedge}(5+4)*3^{\wedge}2^{\wedge}1$	1807962335	G	$9^8*7*6+5^{\wedge}4+32+1$
677941570	G	$9^8+7*6^{\wedge}(5+4)*3^{\wedge}2+1$	1807962341	G	$9^8*7*6+5+4+3+2^{\wedge}1$
677941576	G	$9^8+7+6^{\wedge}(5+4)*3*21$	1807962342	G	$9^8*7*6+5+4+3+2+1$
682116089	G	$9^8+7^{\wedge}6*5432*1$	1807962344	G	$9^8*7*6+5^{\wedge}4+3*2^{\wedge}1$
682116090	G	$9^8+7^{\wedge}6*5432+1$	1807962346	G	$9^8*7*6+5+4+3^{\wedge}2+1$
688019265	G	$9^8+(7+65)^{\wedge}4*(3+21)$	1807962351	G	$9^8*7*6+5+4+3+21$
729567479	G	$9^8+(7+6)^{\wedge}5*43^{\wedge}2+1$	1807962353	G	$9^8*7*6+5+4^{\wedge}3+2*1$
731990923	G	$9^8+(76+5^{\wedge}4)^{\wedge}3*2^{\wedge}1$	1807962360	G	$9^8*7*6+5+4+3+21$
731990924	G	$9^8+(76+5^{\wedge}4)^{\wedge}3*2+1$	1807962363	G	$9^8*7*6+5^{\wedge}4*3+21$
732266730	G	$9^8+(7*6*5^{\wedge}4+3)^{\wedge}2*1$	1807962368	G	$9^8*7*6+5+4+32*1$
732266731	G	$9^8+(7*6*5^{\wedge}4+3)^{\wedge}2+1$	1807962369	G	$9^8*7*6+5+4+32+1$
785234222	G	$9^8+76*5^{\wedge}(4+3*2)+1$	1807962372	G	$9^8*7*6+5+4^{\wedge}3+21$
785234297	G	$9^8+76*(5^{\wedge}(4+3*2)+1)$	1807962373	G	$9^8*7*6+5+4+3*2*1$
792772971	G	$9^8+7*65^{\wedge}4*3*2^{\wedge}1$	1807962399	G	$9^8*7*6+5+4+3*21$
796765501	G	$9^8+7+(6+5^{\wedge}4)^{\wedge}3*(2+1)$	1807962402	G	$9^8*7*6+5^{\wedge}4*3*2*1$
796765515	G	$9^8+(7+(6+5^{\wedge}4)^{\wedge}3)*(2+1)$	1807962415	G	$9^8*7*6+5+4*3*21$
804605232	G	$9^8+(7+6*54)^{\wedge}3*21$	1807962447	G	$9^8*7*6+5+4*3+2+1$
820646728	G	$9^8+7+(6+54)^{\wedge}(3+2*1)$	1807962465	G	$9^8*7*6+5+4*3+21$
820646729	G	$9^8+7+(6+54)^{\wedge}(3+2)+1$	1807962500	G	$9^8*7*6+5^{\wedge}4+3+2+1$
822128937	G	$9^8+(7+6+5^{\wedge}4)^{\wedge}3*(2+1)$	1807962518	G	$9^8*7*6+5+4^{\wedge}3+21$
845207361	G	$9^8+765*4^{\wedge}(3^{\wedge}2+1)$	1807962539	G	$9^8*7*6+5+4*3*21$
891021121	G	$9^8+(7*65^{\wedge}4^{\wedge}3)^{\wedge}2^{\wedge}1$	1807962570	G	$9^8*7*6+(5+4)*32*1$
903010114	G	$9^8+(7+65)^{\wedge}4*32+1$	1807962606	G	$9^8*7*6+5+4*3*2*1$
909461064	G	$9^8+(7+654)^{\wedge}3*(2+1)$	1807962607	G	$9^8*7*6+5+4*3*2+1$
952559940	G	$9^8+(765+4)^{\wedge}3*2+1$	1807962612	G	$9^8*7*6+5+4+321$
959179553	G	$9^8+(7*6+5*4)^{\wedge}(3+2*1)$	1807962623	G	$9^8*7*6+5^{\wedge}4+321$
959179554	G	$9^8+(7*6+5*4)^{\wedge}(3+2)+1$	1807962712	G	$9^8*7*6+5^{\wedge}4*3*2*1$
984238723	G	$9^8+7^{\wedge}6*(5*4)^{\wedge}3+2^{\wedge}1$	1807962713	G	$9^8*7*6+5^{\wedge}4*3+2+1$
1003664770	G	$9^8+7+6*543^{\wedge}(2+1)$	1807962719	G	$9^8*7*6+5+4+32*1$
1010692177	G	$9^8+7+(6^{\wedge}5*4+3)^{\wedge}2*1$	1807962720	G	$9^8*7*6+5+4+32+1$
1076168025	G	$9^8+(76+5)^{\wedge}4*(3+21)$	1807962768	G	$9^8*7*6+5+4*3*(2+1)$
1076463024	G	$9^8+(76+5^{\wedge}4)^{\wedge}3*(2+1)$	1807962769	G	$9^8*7*6+5+4^{\wedge}3+2+1$
1078927047	G	$9^8*7+(6+54)^{\wedge}(3+2)^{\wedge}1$	1807962827	G	$9^8*7*6+5+4+3*2*1$
1130711726	G	$(9^8+7^{\wedge}6*5^{\wedge}4^{\wedge}3)^{\wedge}2^{\wedge}1$	1807962828	G	$9^8*7*6+5+4+3+2+1$
1167636096	G	$9^8+7*65^{\wedge}4*3^{\wedge}2^{\wedge}1$	1807962912	G	$9^8*7*6+5^{\wedge}4+3+2^{\wedge}1$
1232131905	G	$9^8+(76*5+4)^{\wedge}3*21$	1807962913	G	$9^8*7*6+5^{\wedge}4+3+2+1$
1239062346	G	$9^8+7*(6+5+4)^{\wedge}(3*2+1)$	1807962914	G	$9^8*7*6+5^{\wedge}4+3*2+1$
1263749923	G	$9^8+76+5^{\wedge}(4+3^{\wedge}2)+1$	1807962917	G	$9^8*7*6+5^{\wedge}4+3^{\wedge}2+1$
1334514690	G	$9^8+(7+6+5*4)^{\wedge}(3*2)*1$	1807962922	G	$9^8*7*6+5^{\wedge}4*32*1$
1334514691	G	$9^8+(7+6+5*4)^{\wedge}(3*2)+1$	1807962923	G	$9^8*7*6+5^{\wedge}4*3*2+1$
1377495072	G	$9^8*(7+6+5+4*3+2)^{\wedge}1$	1807962942	G	$9^8*7*6+5*4*(32+1)$
1384598268	G	$9^8+7^{\wedge}6*543*21$	1807963542	G	$9^8*7*6+5^{\wedge}4*3*21$
1393171829	G	$9^8+(7+6+54)^{\wedge}(3+2)+1$	1807964442	G	$9^8*7*6+5^{\wedge}4*32*1$
1420541794	G	$9^8+(76+5)^{\wedge}4*32+1$	1807966032	G	$9^8*7*6+5^{\wedge}4*3*2*1$
1474482104	G	$9^8+7^{\wedge}6*(5*4+3)^{\wedge}(2+1)$	1807968702	G	$9^8*7*6+5*4*321$
1563862849	G	$9^8+(7+6)^{\wedge}5*4^{\wedge}(3*2*1)$	1807982282	G	$9^8*7*6+5^{\wedge}4*32*1$
1563862850	G	$9^8+(7+6)^{\wedge}5*4^{\wedge}(3*2)+1$	1807982283	G	$9^8*7*6+5^{\wedge}4*32+1$
1609424322	G	$9^8+(7*6+5)^{\wedge}4*321$	1808040428	G	$9^8*7*6+5^{\wedge}4(4+3)+21$
1647403774	G	$9^8+(7+6)^{\wedge}5*4321$	1808162907	G	$9^8*7*6+5^{\wedge}4*321$
1678822119	G	$9^8*(7+6+5*4+3*2)^{\wedge}1$	1826927449	G	$9^8+7*(6+5^{\wedge}4+3)^{\wedge}(2+1)$

1925430721	G	$9^8+7^6*(5*4)^3*2^1$
1947731265	G	$9^8+7^6*(5+4)^3*(2+1)$
1971196182	G	$9^8+7^6*(5+4^3*(2+1))$
1987856727	G	$9^8+((7*6*5)^4+3*2)^1$
2001130571	G	$9^8+7^6*54^3+2^1$
2001130590	G	$9^8+7^6*54^3+21$
2001130716	G	$9^8+7^6*(654^3+21)$
2020373473	G	$9^8+7^6*(6+5)+4+3+2^1$
2020373474	G	$9^8+7^6*(6+5)+4+3*2^1$
2020373475	G	$9^8+7^6*(6+5)+4+3*2+1$
2020373477	G	$9^8+7^6*(6+5)+4+3^2+1$
2020373479	G	$9^8+7^6*(6+5)+4*3+2+1$
2020373495	G	$9^8+7^6*(6+5)+4+3^2(2+1)$
2020373497	G	$9^8+7^6*(6+5)+4*3+21$
2020373500	G	$9^8+7^6*(6+5)+4+32^1$
2020373501	G	$9^8+7^6*(6+5)+4+32+1$
2020373509	G	$9^8+7^6*(6+5)+4+3^2+1$
2020373510	G	$9^8+7^6*(6+5)+4+3+2+1$
2020373513	G	$9^8+7^6*(6+5)+(4+3)^2+1$
2020373514	G	$9^8+7^6*(6+5)+(4+3)^2+1$
2020373531	G	$9^8+7^6*(6+5)+4+3*21$
2020373549	G	$9^8+7^6*(6+5)+4^3+21$
2020373551	G	$9^8+7^6*(6+5)+4*3^2+1$
2020373572	G	$9^8+7^6*(6+5)+4*3^2(2+1)$
2020373593	G	$9^8+7^6*(6+5)+4*3^2+1$
2020373609	G	$9^8+7^6*(6+5)+(4*3)^2+1$
2020373716	G	$9^8+7^6*(6+5)+4*3*21$
2020374367	G	$9^8+7^6*(6+5)+4*3*21$
2020375192	G	$9^8+7^6*(6+5)+(4*3)^2(2+1)$
2020375313	G	$9^8+7^6*(6+5)+4*3^2+1$
2020375314	G	$9^8+7^6*(6+5)+4*3^2+1$
2020377560	G	$9^8+7^6*(6+5)+4^4(3+2+1)$
2020377561	G	$9^8+7^6*(6+5)+4^4(3*2)+1$
2020452971	G	$9^8+7^6*(6+5)+4*3^2(2+1)$
2021422040	G	$9^8+7^6*(6+5)+4^4(3^2+1)$