

Solutions for:

100 Number Mine Problems: Multiplication & Division 2-99

The **Answer** column lists the target numbers. The **Number of Terms** column gives the allowed number of terms per equation. E.g. “2” for “2 Numbers” problems. The list of equations under the **Examples** column is *not* exhaustive. One or more example solutions are given for each target number, but there may be more.

Note that an asterisk * is used to represent multiplication in place of \times and a slash / in place of \div for division. The numbers in the example solutions can often be rearranged into a different order if desired. E.g. replacing * and / in $(63/(24/8)) * 6$ with \times and \div and carefully rearranging yields $(63 \times 6) \div (24 \div 8)$ which may be a more familiar format.

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3	4	12
7	82	35
5	8	2

Answer	Number of Terms	Examples
36	2	$12 \cdot 3$
4	2	$8/2, 12/3$
2	2	$4/2$
5	2	$35/7$
6	2	$12/2$
24	3	$(8/4) \cdot 12, (4/2) \cdot 12$
4	3	$(2 \cdot 8)/4$
123	3	$(82 \cdot 12)/8$
20	3	$(35 \cdot 4)/7, (8 \cdot 5)/2$
72	3	$(12 \cdot 2) \cdot 3$
120	4	$(5 \cdot 12) \cdot (4/2), (4 \cdot 2) \cdot (5 \cdot 3), (5 \cdot 8) \cdot (12/4)$
164	4	$(12/(2 \cdot 3)) \cdot 82$

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8	49	33
3	5	9
2	76	19

Answer	Number of Terms	Examples
38	2	$76/2$
3	2	$9/3$
72	2	$9 \cdot 8$
40	2	$8 \cdot 5$
147	2	$3 \cdot 49$
198	3	$(33 \cdot 2) \cdot 3$
8	3	$(2 \cdot 76)/19$
20	3	$(8 \cdot 5)/2$
132	3	$(8/2) \cdot 33, (76 \cdot 33)/19$
120	3	$(3 \cdot 8) \cdot 5$
198	4	$((33 \cdot 9) \cdot 2)/3$
180	4	$((5 \cdot 8) \cdot 9)/2$

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4	14	34
8	68	56
6	2	5

Answer	Number of Terms	Examples
56	2	$4 \cdot 14$
24	2	$4 \cdot 6$
4	2	$8/2, 56/14$
2	2	$68/34, 4/2$
8	2	$4 \cdot 2$
32	3	$(56/14) \cdot 8$
17	3	$34/(4/2), (68 \cdot 2)/8$
112	3	$(56/2) \cdot 4$
28	3	$(34 \cdot 56)/68, (56 \cdot 2)/4, (68/34) \cdot 14$
120	3	$(4 \cdot 5) \cdot 6$
4	4	$8/((56/14)/2)$
2	4	$((8 \cdot 34)/68)/2, ((34 \cdot 56)/14)/68$

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32	56	2
6	5	94
96	4	8

Answer	Number of Terms	Examples
16	2	$32/2, 8*2$
12	2	$6*2$
224	2	$56*4$
8	2	$2*4, 32/4$
280	2	$5*56$
282	3	$(94*6)/2$
96	3	$(8*2)*6, (6/2)*32$
240	3	$(8*6)*5, (5*96)/2$
24	3	$(6*8)/2$
160	3	$(4*5)*8$
36	4	$((96*6)/8)/2, ((6*96)/32)*2$
120	4	$(96/(32/8))*5$

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6	2	25
12	18	75
7	4	36

Answer	Number of Terms	Examples
12	2	$6*2$
18	2	$36/2$
150	2	$75*2, 6*25$
3	2	$75/25$
108	2	$6*18$
150	3	$(75*12)/6$
18	3	$(36/12)*6, (12*6)/4$
300	3	$(25*6)*2$
96	3	$(12*2)*4$
6	3	$(2*18)/6, (75/25)*2$
9	4	$(18*12)/(4*6)$
216	4	$(36/(6/2))*18$

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8	3	85
88	41	6
2	9	82

Answer	Number of Terms	Examples
4	2	$8/2$
2	2	$6/3$
16	2	$8*2$
264	2	$3*88$
48	2	$8*6$
41	3	$(82*3)/6$
144	3	$(9*2)*8$
170	3	$(85*6)/3$
264	3	$(9*88)/3$
4	3	$(8*41)/82$
66	4	$((88*2)*3)/8$
81	4	$(3*9)*(6/2)$

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7	3	19
55	33	57
5	11	2

Answer	Number of Terms	Examples
77	2	$11*7$
133	2	$7*19$
19	2	$57/3$
11	2	$33/3$
231	2	$7*33$
11	3	$33/(57/19)$
55	3	$(33/3)*5$
57	3	$(19*33)/11$
95	3	$(57/3)*5$
266	3	$(2*7)*19$
57	4	$((5*11)*57)/55$
121	4	$(33*55)/(3*5)$

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93	31	22
5	7	35
4	8	2

Answer	Number of Terms	Examples
2	2	$4/2$
110	2	$22*5$
124	2	$31*4$
11	2	$22/2$
7	2	$35/5$
220	3	$(22*5)*2$
160	3	$(8*4)*5$
6	3	$(93*2)/31$
112	3	$(8*2)*7$
186	3	$(93*8)/4$
140	4	$((7*8)*5)/2$
124	4	$(8/4)*(31*2)$

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5	9	7
19	2	76
3	77	45

Answer	Number of Terms	Examples
225	2	$45*5$
63	2	$7*9$
5	2	$45/9$
11	2	$77/7$
95	2	$5*19$
228	3	$(9/3)*76$
90	3	$(9*2)*5$
105	3	$(7*5)*3$
27	3	$(3*45)/5$
126	3	$(2*9)*7$
270	4	$(2*9)*(45/3)$
190	4	$((45*2)/9)*19$

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3	21	2
8	64	9
63	14	4

Answer	Number of Terms	Examples
4	2	$8/2$
8	2	$2^*4, 64/8$
2	2	$4/2, 8/4$
63	2	3^*21
3	2	$9/3$
108	3	$(9^*4)^*3$
42	3	$(8/4)^*21$
288	3	$(8^*4)^*9, (64/2)^*9$
224	3	$(8^*14)^*2$
216	3	$(3^*9)^*8$
18	4	$((14^*9)/21)^*3$
28	4	$(8^*21)/(3^*2)$

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2	78	92
75	8	4
15	9	46

Answer	Number of Terms	Examples
16	2	8^*2
2	2	$92/46, 4/2$
156	2	2^*78
92	2	2^*46
23	2	$46/2, 92/4$
64	3	$(4^*2)^*8$
23	3	$(2^*92)/8$
150	3	$(4/2)^*75, (8/4)^*75$
92	3	$(4^*46)/2$
16	3	$(8/2)^*4, (92^*8)/46$
75	4	$((2^*46)^*75)/92$
46	4	$((46^*8)/2)/4$

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46	52	98
2	7	4
23	9	3

Answer	Number of Terms	Examples
294	2	3^*98
208	2	52^*4
26	2	$52/2$
138	2	3^*46
156	2	3^*52
234	3	$(52^*9)/2$
8	3	$(46/23)^*4$
72	3	$(4^*2)^*9$
6	3	$(2^*9)/3, (3^*46)/23, (4^*3)/2$
14	3	$(4/2)^*7$
56	4	$(7^*4)^*(46/23)$
147	4	$(98/(4/2))^*3$

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3	6	2
72	8	32
7	16	28

Answer	Number of Terms	Examples
12	2	$2*6, 72/6$
8	2	$16/2$
18	2	$6*3$
96	2	$3*32$
2	2	$32/16$
112	3	$(2*8)*7$
9	3	$(6*3)/2$
84	3	$(7*6)*2$
224	3	$(16*7)*2$
64	3	$(32*6)/3, (8*16)/2$
144	4	$(16*3)*(6/2)$
108	4	$(3*72)/(16/8)$

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9	7	10
6	2	62
3	5	27

Answer	Number of Terms	Examples
63	2	$9*7$
27	2	$9*3$
9	2	$27/3$
90	2	$10*9$
3	2	$6/2$
4	3	$(6/3)*2$
2	3	$6/(27/9), (6*3)/9$
54	3	$(27/3)*6, (9*2)*3$
9	3	$27/(6/2)$
126	3	$(9*2)*7$
10	4	$(10*6)/(2*3)$
5	4	$((5*27)/3)/9$

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4	50	49
10	5	23
3	92	8

Answer	Number of Terms	Examples
23	2	$92/4$
2	2	$10/5$
196	2	$49*4$
12	2	$4*3$
40	2	$10*4, 8*5$
245	3	$(50*49)/10$
115	3	$(10*92)/8, (5*92)/4$
60	3	$(4*3)*5$
20	3	$(50*4)/10$
46	3	$(10/5)*23$
5	4	$((5*23)*4)/92$
300	4	$((10*50)*3)/5$

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3	93	9
8	12	5
28	48	6

Answer	Number of Terms	Examples
16	2	48/3
3	2	9/3
279	2	93*3
2	2	6/3, 12/6
4	2	48/12
186	3	(6/3)*93
192	3	(48*12)/3
279	3	(9*93)/3
135	3	(3*9)*5
56	3	(6/3)*28
248	4	((48/3)*93)/6
124	4	((93*48)/3)/12

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17	2	26
52	5	62
3	68	4

Answer	Number of Terms	Examples
34	2	17*2
85	2	5*17
13	2	26/2
68	2	17*4
104	2	4*26, 52*2
65	3	(5*26)/2
170	3	(5*68)/2, (17*2)*5
24	3	(3*2)*4
136	3	(2*4)*17, (4*68)/2
104	3	(4*52)/2
221	4	((68/2)*26)/4
5	4	((5*68)/4)/17

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76	3	18
4	7	12
6	5	9

Answer	Number of Terms	Examples
2	2	12/6
12	2	3*4
27	2	9*3
36	2	3*12
18	2	3*6
10	3	(5*18)/9
2	3	(12*3)/18
144	3	(3*12)*4
3	3	6/(18/9)
27	3	(6*18)/4
2	4	(12*6)/(4*9), 18/(3*(12/4))
7	4	((7*12)/3)/4

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3	5	93
62	66	8
22	7	33

Answer	Number of Terms	Examples
21	2	3^*7
66	2	22^*3
15	2	5^*3
279	2	3^*93
198	2	3^*66
31	3	$(22^*93)/66$
33	3	$(93^*22)/62$
55	3	$(33/3)^*5$
10	3	$(66^*5)/33$
24	3	$(66/22)^*8$
4	4	$((93/3)^*8)/62$
62	4	$(62^*22)/(66/3)$

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40	7	3
2	27	9
8	6	66

Answer	Number of Terms	Examples
14	2	7^*2
120	2	3^*40
9	2	$27/3$
2	2	$6/3$
3	2	$9/3$
22	3	$66/(27/9)$
4	3	$(8^*3)/6$
198	3	$(6/2)^*66, (9^*66)/3, (27^*66)/9$
42	3	$(2^*7)^*3$
180	3	$(40^*9)/2$
168	4	$((8^*27)/9)^*7$
2	4	$((9^*3)/27)^*2$

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4	10	16
5	8	90
3	72	64

Answer	Number of Terms	Examples
24	2	$3^*8, 72/3$
12	2	4^*3
16	2	$64/4$
2	2	$8/4$
32	2	4^*8
192	3	$(72/3)^*8, (4^*3)^*16$
36	3	$(90/10)^*4$
200	3	$(5^*4)^*10$
128	3	$(64/4)^*8$
45	3	$90/(10/5)$
144	4	$((8^*72)/16)^*4, ((64/4)/8)^*72$
8	4	$64/(16/(10/5)), (10^*16)/(4^*5), (16^*4)/(64/8)$

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10	2	62
5	3	9
31	25	4

Answer	Number of Terms	Examples
2	2	$4/2$
30	2	$3*10$
90	2	$9*10$
40	2	$4*10$
50	2	$2*25, 10*5$
250	3	$(5*2)*25$
50	3	$(4*25)/2, (25/5)*10$
4	3	$(10*2)/5$
5	3	$10/(4/2)$
200	3	$(4*5)*10$
30	4	$((3*25)*2)/5$
216	4	$(3*9)*(4*2)$

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2	9	5
82	3	8
85	26	13

Answer	Number of Terms	Examples
18	2	$2*9$
164	2	$2*82$
52	2	$2*26$
4	2	$8/2$
10	2	$5*2$
54	3	$(2*3)*9$
169	3	$(13*26)/2$
24	3	$(9*8)/3$
4	3	$(2*26)/13$
90	3	$(9*2)*5$
36	4	$((9*26)*2)/13$
30	4	$((5*26)*3)/13$

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31	8	93
9	16	2
4	3	5

Answer	Number of Terms	Examples
124	2	$4*31$
248	2	$8*31$
62	2	$2*31$
3	2	$9/3$
8	2	$2*4, 16/2$
27	3	$(93/31)*9$
64	3	$(4*8)*2$
144	3	$(2*8)*9$
8	3	$(16*4)/8$
124	3	$(8*31)/2$
93	4	$(8*93)/(2*4)$
186	4	$(3*31)*(8/4), ((4*8)*93)/16$

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52	8	26
3	25	75
6	4	2

Answer	Number of Terms	Examples
2	2	$52/26, 4/2$
26	2	$52/2$
32	2	$8*4$
24	2	$4*6, 8*3$
208	2	$52*4, 8*26$
78	3	$(26*6)/2$
50	3	$(4/2)*25, (2*75)/3$
100	3	$(8*25)/2$
13	3	$(26*2)/4$
200	3	$(75*8)/3, (25*4)*2$
16	4	$(8*4)/(52/26)$
300	4	$((4*6)*25)/2, (52/26)*(25*6)$

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7	27	2
65	5	72
9	6	8

Answer	Number of Terms	Examples
63	2	$9*7$
56	2	$7*8$
36	2	$72/2$
35	2	$7*5$
9	2	$72/8$
144	3	$(9*2)*8$
60	3	$(2*6)*5$
26	3	$(65*2)/5$
36	3	$(27*8)/6$
64	3	$(8*72)/9$
120	4	$((8*5)/2)*6$
189	4	$(6/2)*(7*9)$

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30	25	9
22	6	7
4	44	11

Answer	Number of Terms	Examples
225	2	$9*25$
120	2	$30*4$
150	2	$25*6$
180	2	$30*6$
270	2	$30*9$
55	3	$(30*11)/6$
36	3	$(9*44)/11$
120	3	$(44*30)/11$
5	3	$25/(30/6)$
6	3	$(9*4)/6$
10	4	$(30*22)/(6*11)$
150	4	$((9*4)*25)/6$

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5	34	2
85	8	75
3	6	25

Answer	Number of Terms	Examples
17	2	$34/2, 85/5$
15	2	$5*3$
3	2	$75/25$
25	2	$75/3$
272	2	$34*8$
4	3	$(8*3)/6$
30	3	$(25*6)/5, (2*3)*5$
250	3	$(25*5)*2$
240	3	$(8*6)*5$
255	3	$(75/25)*85, (6/2)*85$
45	4	$((5*6)*3)/2$
60	4	$((25*6)*34)/85$

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3	7	96
75	6	5
16	2	33

Answer	Number of Terms	Examples
42	2	$7*6$
288	2	$3*96$
225	2	$3*75$
35	2	$5*7$
16	2	$96/6$
14	3	$(6*7)/3$
210	3	$(6*7)*5$
240	3	$(5*3)*16$
160	3	$(96/3)*5$
36	3	$(96*6)/16, (2*3)*6$
3	4	$(96*3)/(16*6)$
4	4	$(3*16)/(6*2)$

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95	58	12
3	60	20
4	8	9

Answer	Number of Terms	Examples
5	2	$20/4$
3	2	$9/3, 60/20$
240	2	$4*60, 20*12$
285	2	$95*3$
2	2	$8/4$
174	3	$(60/20)*58$
240	3	$(20*3)*4$
108	3	$(4*3)*9$
24	3	$(12*8)/4$
40	3	$(8*60)/12$
144	4	$((4*9)/3)*12$
8	4	$((4*3)/12)*8$

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25	5	44
9	77	4
22	2	7

Answer	Number of Terms	Examples
50	2	$2*25$
220	2	$44*5$
20	2	$4*5$
175	2	$25*7$
45	2	$5*9$
126	3	$(9*7)*2$
180	3	$(5*9)*4$
70	3	$(2*5)*7$
55	3	$(44/4)*5$
22	3	$(77*2)/7$
126	4	$((44*9)*7)/22$
72	4	$(44/22)*(4*9)$

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30	60	26
2	8	4
6	30	5

Answer	Number of Terms	Examples
30	2	$60/2, 5*6$
15	2	$30/2, 60/4$
5	2	$30/6$
208	2	$8*26$
120	2	$30*4$
15	3	$30/(4/2), 30/(8/4), 30/(60/30)$
45	3	$(30*6)/4$
150	3	$(60/2)*5, (30/6)*30$
36	3	$(30/5)*6$
300	3	$(5*30)*2$
260	4	$((5*26)/2)*4, ((2*30)*26)/6$
60	4	$(30/(60/30))*4$

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25	2	8
40	10	9
44	4	50

Answer	Number of Terms	Examples
4	2	$8/2$
250	2	$25*10$
100	2	$2*50, 25*4$
25	2	$50/2$
5	2	$10/2$
5	3	$25/(40/8), 25/(10/2)$
50	3	$(4/2)*25, (8/4)*25$
20	3	$40/(50/25)$
100	3	$(25*40)/10$
275	3	$(44*25)/4$
45	4	$((10*2)*9)/4, ((8*25)/40)*9$
16	4	$(4*2)*(50/25)$

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9	41	48
2	8	57
5	4	82

Answer	Number of Terms	Examples
45	2	$9 \cdot 5$
2	2	$82/41, 8/4$
96	2	$2 \cdot 48$
205	2	$5 \cdot 41$
41	2	$82/2$
216	3	$(48 \cdot 9)/2$
82	3	$(4/2) \cdot 41$
12	3	$48/(8/2)$
72	3	$(9 \cdot 2) \cdot 4$
80	3	$(5 \cdot 8) \cdot 2$
41	4	$(41 \cdot 8)/(4 \cdot 2)$
30	4	$((5 \cdot 48)/2)/4$

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33	6	10
11	81	3
9	4	80

Answer	Number of Terms	Examples
66	2	$6 \cdot 11$
8	2	$80/10$
198	2	$6 \cdot 33$
27	2	$81/3$
3	2	$9/3$
60	3	$(80 \cdot 3)/4$
108	3	$(3 \cdot 9) \cdot 4$
44	3	$(4 \cdot 33)/3$
216	3	$(6 \cdot 9) \cdot 4$
297	3	$(81 \cdot 33)/9, (11 \cdot 9) \cdot 3$
12	4	$((80/10) \cdot 6)/4, ((9 \cdot 11) \cdot 4)/33$
66	4	$(4/(6/3)) \cdot 33$

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3	29	4
5	75	25
65	8	58

Answer	Number of Terms	Examples
12	2	$3 \cdot 4$
25	2	$75/3$
174	2	$3 \cdot 58$
2	2	$8/4$
225	2	$75 \cdot 3$
100	3	$(75 \cdot 4)/3$
150	3	$(58/29) \cdot 75$
58	3	$(8 \cdot 29)/4$
12	3	$(75/25) \cdot 4$
87	3	$(75 \cdot 29)/25$
30	4	$(58 \cdot 75)/(5 \cdot 29)$
290	4	$((75 \cdot 58)/3)/5$

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40	6	5
4	2	20
34	51	9

Answer	Number of Terms	Examples
24	2	4^*6
10	2	$2^*5, 40/4$
200	2	40^*5
160	2	40^*4
2	2	$4/2$
180	3	$(40/2)^*9$
60	3	$(6/2)^*20$
90	3	$(40/4)^*9, (20/2)^*9$
216	3	$(9^*4)^*6$
160	3	$(20^*4)^*2, (20^*40)/5$
85	4	$((5^*34)^*20)/40$
16	4	$((40/2)^*4)/5$

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6	37	20
2	40	74
25	8	4

Answer	Number of Terms	Examples
3	2	$6/2$
296	2	$4^*74, 8^*37$
2	2	$4/2, 8/4, 74/37$
240	2	40^*6
12	2	6^*2
100	3	$(20^*40)/8$
2	3	$4/(40/20), (37^*4)/74$
96	3	$(6^*8)^*2$
12	3	$(6^*8)/4$
200	3	$(2^*4)^*25$
120	4	$(40/(74/37))^*6$
100	4	$((25^*37)^*8)/74$

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69	6	9
4	54	2
27	3	18

Answer	Number of Terms	Examples
2	2	$18/9, 4/2$
162	2	$27^*6, 18^*9, 54^*3$
207	2	3^*69
12	2	$4^*3, 6^*2$
3	2	$27/9, 54/18, 9/3$
81	3	$(18/2)^*9, (54^*9)/6$
162	3	$(6^*9)^*3, (9/3)^*54$
144	3	$(2^*18)^*4$
138	3	$(6^*69)/3$
9	3	$(6^*27)/18, 27/(54/18), (54/18)^*3$
72	4	$(6^*2)^*(54/9)$
46	4	$(69^*2)/(27/9)$

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11	13	5
39	55	7
3	21	6

Answer	Number of Terms	Examples
55	2	$5*11$
13	2	$39/3$
231	2	$21*11$
5	2	$55/11$
77	2	$7*11$
78	3	$(39/3)*6$
165	3	$(11*3)*5, (55*21)/7$
39	3	$(21/7)*13$
198	3	$(6*3)*11$
21	3	$(7*39)/13$
189	4	$((39*21)*3)/13$
7	4	$((11*7)*5)/55$

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6	46	77
23	8	2
3	11	4

Answer	Number of Terms	Examples
2	2	$46/23$
276	2	$46*6$
138	2	$6*23, 3*46$
18	2	$3*6$
48	2	$8*6$
22	3	$(6*11)/3, (11*8)/4$
192	3	$(8*4)*6$
132	3	$(6*11)*2$
6	3	$(46/23)*3, (8/4)*3$
154	3	$(6*77)/3$
23	4	$46/((3*4)/6)$
184	4	$(46/(4/2))*8, ((46*6)*2)/3$

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86	43	5
6	9	24
7	2	3

Answer	Number of Terms	Examples
8	2	$24/3$
129	2	$43*3$
4	2	$24/6$
2	2	$86/43$
215	2	$5*43$
12	3	$(24*3)/6$
36	3	$(9*24)/6$
70	3	$(5*2)*7$
14	3	$(86/43)*7$
129	3	$(86*3)/2$
4	4	$((6*86)/43)/3$
252	4	$(6*7)*(3*2)$

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84	82	28
2	7	70
3	21	14

Answer	Number of Terms	Examples
56	2	$28*2$
35	2	$70/2$
246	2	$82*3$
4	2	$84/21, 28/7$
252	2	$3*84$
126	3	$(3*2)*21, (84/2)*3$
14	3	$(84/2)/3$
294	3	$(21*7)*2$
2	3	$(28/2)/7, 84/(2*21)$
24	3	$(84/7)*2$
21	4	$((84*21)/28)/3, (84*7)/(14*2)$
140	4	$(70*84)/(14*3), ((28/7)/2)*70$

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69	11	2
24	12	55
9	6	5

Answer	Number of Terms	Examples
55	2	$5*11$
132	2	$11*12$
12	2	$24/2, 6*2$
99	2	$9*11$
22	2	$2*11$
3	3	$(12*6)/24$
138	3	$(69*12)/6$
45	3	$(55*9)/11$
32	3	$(12*24)/9$
110	3	$(2*11)*5$
9	4	$(9*24)/(2*12)$
264	4	$((55*2)*12)/5$

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70	3	52
10	4	6
9	13	7

Answer	Number of Terms	Examples
13	2	$52/4$
3	2	$9/3$
280	2	$70*4$
210	2	$3*70$
30	2	$3*10$
42	3	$(6*70)/10$
84	3	$(3*7)*4$
130	3	$(52*10)/4$
156	3	$(4*13)*3$
28	3	$(70*4)/10$
210	4	$(10*7)*(9/3)$
245	4	$((3*70)*7)/6$

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26	62	13
12	6	3
4	5	31

Answer	Number of Terms	Examples
186	2	$62*3, 6*31$
3	2	$12/4$
156	2	$12*13, 6*26$
2	2	$26/13$
104	2	$4*26$
2	3	$4/(6/3), 4/(26/13)$
124	3	$(12*62)/6$
31	3	$(13*62)/26, (3*62)/6$
12	3	$(6*62)/31$
234	3	$(13*6)*3$
4	4	$((26*12)/13)/6, (62/31)*(26/13)$
120	4	$((5*12)/3)*6, ((5*62)*12)/31$

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3	5	99
36	12	92
4	2	8

Answer	Number of Terms	Examples
3	2	$36/12, 12/4$
4	2	$8/2, 12/3$
2	2	$8/4$
276	2	$92*3$
33	2	$99/3$
60	3	$(5*3)*4$
80	3	$(5*8)*2$
144	3	$(12*36)/3$
48	3	$(36/3)*4$
16	3	$(12*4)/3$
18	4	$(36/12)*(2*3)$
8	4	$(4*8)/(12/3)$

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6	9	4
7	56	38
8	66	76

Answer	Number of Terms	Examples
14	2	$56/4$
48	2	$8*6$
63	2	$7*9$
24	2	$6*4$
7	2	$56/8$
18	3	$(76*9)/38$
288	3	$(4*8)*9$
168	3	$(6*7)*4$
2	3	$(38*4)/76, 56/(4*7)$
224	3	$(4*7)*8$
72	4	$((76*9)*4)/38$
297	4	$((66*9)*4)/8$

38	91	15
5	19	30
9	10	2

Answer	Number of Terms	Examples
190	2	$38*5$
135	2	$15*9$
3	2	$30/10$
150	2	$30*5, 10*15$
285	2	$15*19$
190	3	$(38*10)/2$
182	3	$(38/19)*91$
60	3	$(38*30)/19$
180	3	$(2*9)*10$
15	3	$30/(10/5), (19*30)/38$
30	4	$(30/(10/5))*2, ((9*5)*10)/15$
60	4	$(15/5)*(10*2)$

13	22	4
2	8	44
91	6	9

Answer	Number of Terms	Examples
117	2	$13*9$
52	2	$13*4$
26	2	$13*2$
78	2	$13*6$
22	2	$44/2$
28	3	$(91*4)/13$
156	3	$(6*13)*2$
26	3	$(8*13)/4$
216	3	$(9*6)*4$
12	3	$(6*44)/22$
6	4	$((6*8)/2)/4$
16	4	$((8*22)*4)/44, ((2*44)/22)*4$

12	5	4
7	24	8
63	64	9

Answer	Number of Terms	Examples
2	2	$8/4$
8	2	$64/8$
288	2	$24*12$
84	2	$12*7$
6	2	$24/4$
2	3	$(64/4)/8$
24	3	$(64*9)/24$
72	3	$(24/4)*12$
189	3	$(24/8)*63$
27	3	$(9*12)/4$
14	4	$(12/(24/4))*7, (64*7)/(4*8)$
20	4	$(5*8)/(24/12)$

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2	5	66
8	32	9
82	7	41

Answer	Number of Terms	Examples
14	2	$7*2$
2	2	$82/41$
16	2	$2*8, 32/2$
164	2	$82*2$
64	2	$32*2$
4	3	$(41*8)/82$
264	3	$(32/8)*66$
126	3	$(7*2)*9$
112	3	$(7*8)*2, (7*32)/2$
14	3	$(82/41)*7$
28	4	$((41*8)/82)*7$
36	4	$(9*2)*(82/41)$

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5	6	11
9	92	15
2	23	55

Answer	Number of Terms	Examples
10	2	$2*5$
30	2	$15*2, 5*6$
75	2	$5*15$
3	2	$15/5$
55	2	$11*5$
2	3	$92/(23*2)$
198	3	$(9*11)*2$
45	3	$(6*15)/2, (55/11)*9$
3	3	$(15*11)/55$
22	3	$(2*55)/5$
110	4	$(6/(15/5))*55$
165	4	$(9*55)/(15/5)$

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7	4	18
90	10	30
9	8	92

Answer	Number of Terms	Examples
9	2	$90/10$
28	2	$4*7$
210	2	$30*7$
63	2	$7*9$
10	2	$90/9$
180	3	$(18*90)/9$
70	3	$(90/9)*7$
288	3	$(8*9)*4$
40	3	$(90/18)*8, (90*4)/9$
162	3	$(90/10)*18$
207	4	$(92/4)*(90/10)$
184	4	$((4*9)*92)/18, ((18*10)*92)/90$

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22	60	5
4	3	7
40	2	11

Answer	Number of Terms	Examples
30	2	$60/2$
300	2	$5*60$
44	2	$2*22, 11*4$
2	2	$22/11$
110	2	$22*5$
70	3	$(5*7)*2$
4	3	$(60/3)/5$
77	3	$(7*22)/2$
132	3	$(4*3)*11, (60/5)*11$
80	3	$(60/3)*4$
88	4	$(60/(3*5))*22, ((40*22)/5)/2$
80	4	$(4/(22/11))*40$

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2	5	93
50	31	10
77	7	9

Answer	Number of Terms	Examples
10	2	$5*2$
3	2	$93/31$
100	2	$2*50$
62	2	$31*2$
5	2	$50/10, 10/2$
175	3	$(7*50)/2$
100	3	$(2*5)*10$
110	3	$(77*10)/7$
25	3	$(10/2)*5, 50/(10/5)$
180	3	$(10*2)*9$
15	4	$((93*10)/2)/31$
22	4	$((10*77)/7)/5$

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44	55	2
11	8	36
22	4	6

Answer	Number of Terms	Examples
44	2	$22*2, 4*11$
22	2	$2*11$
176	2	$44*4, 8*22$
4	2	$44/11, 8/2$
6	2	$36/6$
16	3	$(44/11)*4, (44*8)/22$
121	3	$(44*22)/8$
132	3	$(6*11)*2$
48	3	$(4*6)*2$
22	3	$(11*4)/2, 44/(8/4)$
3	4	$(36/(4/2))/6$
11	4	$((22*44)/8)/11, (4*44)/(2*8), 44/((22/11)*2)$

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3	9	2
77	4	49
6	16	7

Answer	Number of Terms	Examples
18	2	$2^*9, 6^*3$
27	2	9^*3
6	2	3^*2
231	2	3^*77
3	2	$6/2$
32	3	$(6^*16)/3$
294	3	$(3^*49)^*2$
24	3	$(6^*16)/4$
44	3	$(77/7)^*4$
42	3	$(7^*3)^*2$
3	4	$6/((16/4)/2)$
36	4	$((3^*4)/2)^*6$

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56	7	74
37	6	3
8	4	2

Answer	Number of Terms	Examples
112	2	2^*56
2	2	$6/3, 4/2, 8/4$
224	2	56^*4
28	2	$56/2$
42	2	7^*6
14	3	$(7^*4)/2, (56/8)^*2$
111	3	$(74^*3)/2, (6/2)^*37$
296	3	$(8^*74)/2$
48	3	$(56/7)^*6$
84	3	$(2^*6)^*7, (3^*7)^*4$
7	4	$(3^*56)/(4^*6)$
111	4	$(3^*74)/(8/4)$

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8	23	22
44	6	32
69	7	4

Answer	Number of Terms	Examples
4	2	$32/8$
92	2	23^*4
176	2	8^*22
256	2	32^*8
56	2	7^*8
253	3	$(44^*23)/4$
3	3	$6/(44/22)$
168	3	$(7^*4)^*6$
224	3	$(4^*8)^*7$
46	3	$(8^*23)/4$
14	4	$((6^*23)^*7)/69$
6	4	$(69/23)^*(44/22)$

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24	72	14
63	5	8
3	9	6

Answer	Number of Terms	Examples
216	2	$3*72, 24*9$
144	2	$24*6$
72	2	$3*24, 8*9$
112	2	$8*14$
192	2	$8*24$
24	3	$(72/24)*8, (8*9)/3$
135	3	$(3*9)*5$
168	3	$(63*24)/9$
112	3	$(24*14)/3$
252	3	$(6*3)*14$
224	4	$((14*24)*6)/9$
126	4	$(63/(24/8))*6$

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7	6	2
60	4	22
81	3	9

Answer	Number of Terms	Examples
2	2	$6/3$
30	2	$60/2$
12	2	$2*6, 3*4$
21	2	$7*3$
42	2	$6*7$
84	3	$(7*4)*3, (7*6)*2$
9	3	$(6*3)/2$
90	3	$(60/4)*6$
5	3	$(60/4)/3$
243	3	$(6/2)*81$
160	4	$(60/3)*(4*2)$
252	4	$(2*3)*(6*7)$

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42	4	8
90	48	12
3	21	16

Answer	Number of Terms	Examples
96	2	$12*8$
48	2	$12*4$
3	2	$48/16$
4	2	$16/4, 12/3$
2	2	$42/21, 16/8$
2	3	$8/(12/3), 8/(16/4)$
168	3	$(48*42)/12, (16*42)/4$
7	3	$(42*8)/48, (21*4)/12$
64	3	$(48/3)*4$
3	3	$12/(16/4)$
2	4	$16/((42*4)/21), ((12/3)*21)/42$
21	4	$(4*21)/(12/3), ((42*48)/8)/12$

7	5	4
8	9	6
30	54	35

Answer	Number of Terms	Examples
20	2	4^*5
42	2	7^*6
45	2	5^*9
6	2	$30/5$
5	2	$30/6$
42	3	$(35/5)^*6$
18	3	$(9^*8)/4$
108	3	$(54^*8)/4$
36	3	$(54/6)^*4, (6^*30)/5$
192	3	$(8^*4)^*6$
150	4	$((6^*35)^*5)/7$
10	4	$((8^*30)/4)/6, ((8^*35)/4)/7$

4	74	8
2	17	5
3	10	51

Answer	Number of Terms	Examples
32	2	4^*8
4	2	$8/2$
296	2	74^*4
20	2	$4^*5, 10^*2$
8	2	4^*2
120	3	$(4^*10)^*3, (3^*8)^*5$
204	3	$(8/2)^*51$
34	3	$(51^*2)/3$
12	3	$(8^*3)/2, (4^*51)/17$
185	3	$(5^*74)/2$
111	4	$((5^*74)^*3)/10$
185	4	$((2^*74)^*10)/8$

58	2	49
29	3	32
4	8	9

Answer	Number of Terms	Examples
4	2	$8/2, 32/8$
3	2	$9/3$
6	2	3^*2
116	2	$29^*4, 58^*2$
8	2	$32/4, 4^*2$
16	3	$(8^*58)/29, (32/4)^*2$
128	3	$(32/2)^*8$
256	3	$(4^*32)^*2$
6	3	$(9/3)^*2$
72	3	$(9^*4)^*2$
2	4	$(8^*2)/(32/4)$
192	4	$((32^*58)/29)^*3$

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4	55	6
9	33	12
5	3	2

Answer	Number of Terms	Examples
220	2	$4*55$
2	2	$4/2$
48	2	$12*4$
6	2	$3*2, 12/2$
36	2	$3*12, 4*9$
108	3	$(4*3)*9$
11	3	$(4*33)/12$
44	3	$(55*4)/5, (12*33)/9$
36	3	$(12*6)/2$
27	3	$(6*9)/2$
110	4	$((55*6)*3)/9, (12*55)/(3*2)$
60	4	$(4*5)*(6/2)$

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12	15	5
25	55	2
4	6	75

Answer	Number of Terms	Examples
2	2	$4/2$
75	2	$15*5$
3	2	$75/25, 15/5$
180	2	$15*12$
48	2	$4*12$
6	3	$12/(4/2), (2*75)/25$
150	3	$(12/2)*25$
60	3	$(12*75)/15, (5*2)*6$
2	3	$(5*6)/15, (4*6)/12$
30	3	$(12/2)*5$
55	4	$(55*6)/(12/2)$
120	4	$((75*12)/15)*2, ((75*2)*4)/5$

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8	35	6
7	80	70
39	14	4

Answer	Number of Terms	Examples
210	2	$35*6$
140	2	$35*4$
20	2	$80/4$
32	2	$4*8$
245	2	$7*35$
20	3	$(70*4)/14$
3	3	$(6*7)/14$
35	3	$(70*7)/14$
8	3	$(70/35)*4, (7*80)/70$
168	3	$(6*4)*7$
117	4	$((7*6)*39)/14$
24	4	$((6*7)/14)*8$

4	77	94
11	6	5
2	3	7

Answer	Number of Terms	Examples
11	2	$77/7$
24	2	$4*6$
8	2	$4*2$
47	2	$94/2$
12	2	$3*4, 6*2$
22	3	$(11*4)/2$
49	3	$(7*77)/11$
66	3	$(77/7)*6, (3*2)*11$
72	3	$(4*6)*3$
132	3	$(3*11)*4$
42	4	$((3*4)*7)/2$
15	4	$((6*2)/4)*5$

44	4	5
48	3	88
38	76	22

Answer	Number of Terms	Examples
11	2	$44/4$
132	2	$44*3$
192	2	$48*4$
20	2	$4*5$
22	2	$88/4$
192	3	$(88*48)/22$
24	3	$(22*48)/44$
19	3	$76/(88/22), 38/(44/22)$
33	3	$(3*44)/4$
76	3	$(38*88)/44$
132	4	$((3*88)*22)/44$
6	4	$((48*44)/88)/4$

72	2	12
24	6	4
27	8	18

Answer	Number of Terms	Examples
12	2	$2*6, 24/2, 72/6$
48	2	$24*2, 4*12, 8*6$
9	2	$72/8$
6	2	$72/12, 24/4$
288	2	$4*72, 24*12$
2	3	$(6*8)/24, (72/2)/18$
12	3	$(4*6)/2, (8*27)/18, (72*4)/24$
18	3	$(27*8)/12, (27*4)/6, (2*72)/8$
108	3	$(27*8)/2, (18*72)/12$
64	3	$(8*2)*4$
12	4	$((2*12)*4)/8, (8*72)/(24*2), (6/(24/12))*4$
2	4	$((6*12)/2)/18, 8/(24/(72/12)), ((24*2)/4)/6$

2	12	27
5	4	81
51	7	9

Answer	Number of Terms	Examples
3	2	12/4, 81/27
8	2	4*2
9	2	81/9
10	2	2*5
162	2	81*2
3	3	27/(81/9)
15	3	(81*5)/27
6	3	(27/9)*2
42	3	(12*7)/2
21	3	(7*81)/27
144	4	((12*27)*4)/9
136	4	((51*12)*2)/9

9	6	68
4	92	8
3	17	27

Answer	Number of Terms	Examples
3	2	27/9
27	2	3*9
72	2	9*8
2	2	6/3, 8/4
153	2	9*17
12	3	(8*6)/4
216	3	(9*6)*4
34	3	(3*68)/6, (17*8)/4
54	3	(8/4)*27
9	3	(27*3)/9
184	4	((3*6)*92)/9, ((6*92)*9)/27
276	4	((4*6)/8)*92

10	80	7
43	2	4
86	5	9

Answer	Number of Terms	Examples
160	2	80*2
20	2	10*2, 4*5
70	2	10*7
8	2	2*4, 80/10
5	2	10/2
72	3	(2*9)*4
32	3	(80/5)*2
126	3	(9*7)*2
200	3	(80/4)*10, (5*80)/2
2	3	80/(4*10), (5*4)/10
40	4	(86/43)*(2*10), ((80/4)/5)*10
56	4	(10/5)*(4*7)

5	3	7
8	9	70
2	35	21

Answer	Number of Terms	Examples
7	2	$35/5$
15	2	$5*3$
175	2	$5*35$
35	2	$5*7$
40	2	$5*8$
49	3	$(7*35)/5$
9	3	$(21/7)*3$
40	3	$(8*35)/7$
175	3	$(70/2)*5$
210	3	$(35*2)*3, (21*2)*5$
16	4	$((70*8)/5)/7$
180	4	$(8/2)*(5*9)$

4	7	20
14	6	5
94	2	10

Answer	Number of Terms	Examples
80	2	$20*4$
40	2	$20*2, 10*4$
2	2	$20/10$
28	2	$4*7, 2*14$
8	2	$2*4$
280	3	$(10*4)*7, (14*4)*5, (10*2)*14$
40	3	$(14*20)/7, (10/5)*20$
120	3	$(6*4)*5$
48	3	$(4*2)*6$
16	3	$(4*20)/5$
40	4	$(4*20)/(10/5)$
280	4	$(4/2)*(20*7)$

4	74	6
16	2	78
13	26	32

Answer	Number of Terms	Examples
3	2	$6/2$
13	2	$26/2, 78/6$
96	2	$6*16$
8	2	$32/4, 4*2$
64	2	$2*32, 16*4$
3	3	$(16*6)/32, 6/(4/2)$
39	3	$(6*26)/4$
48	3	$(6*4)*2, (78*16)/26$
117	3	$(78*6)/4$
52	3	$(4/2)*26$
72	4	$((6*78)/26)*4, ((78*6)*2)/13$
192	4	$(16*4)*(6/2)$

4	7	70
9	21	38
2	6	35

Answer	Number of Terms	Examples
152	2	$38 \cdot 4$
3	2	$21/7$
35	2	$70/2$
28	2	$7 \cdot 4$
36	2	$9 \cdot 4$
21	3	$(7 \cdot 6)/2$
35	3	$(2 \cdot 70)/4$
5	3	$70/(7 \cdot 2)$
114	3	$(38 \cdot 21)/7$
90	3	$(70 \cdot 9)/7$
3	4	$(6 \cdot 70)/(4 \cdot 35)$
114	4	$(6 \cdot 38)/(4/2)$

68	62	9
31	6	7
4	34	27

Answer	Number of Terms	Examples
36	2	$9 \cdot 4$
272	2	$4 \cdot 68$
63	2	$7 \cdot 9$
186	2	$31 \cdot 6$
3	2	$27/9$
14	3	$(62/31) \cdot 7$
93	3	$(31 \cdot 27)/9$
3	3	$6/(62/31)$
252	3	$(9 \cdot 7) \cdot 4$
168	3	$(6 \cdot 4) \cdot 7$
84	4	$(68/34) \cdot (6 \cdot 7)$
153	4	$((31 \cdot 9) \cdot 34)/62$

87	2	42
6	8	54
4	84	7

Answer	Number of Terms	Examples
42	2	$84/2, 6 \cdot 7$
3	2	$6/2$
12	2	$84/7, 6 \cdot 2$
9	2	$54/6$
108	2	$54 \cdot 2$
14	3	$(42 \cdot 2)/6, (7 \cdot 84)/42$
28	3	$84/(6/2), (8 \cdot 7)/2$
7	3	$(84/6)/2$
6	3	$(84/2)/7$
192	3	$(8 \cdot 6) \cdot 4$
261	4	$((42/7)/2) \cdot 87, (6 \cdot 87)/(4/2), ((87 \cdot 84)/7)/4$
12	4	$(42/7) \cdot (4/2)$

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2	87	33
4	29	11
94	7	5

Answer	Number of Terms	Examples
47	2	$94/2$
174	2	$2*87$
58	2	$29*2$
22	2	$11*2$
66	2	$33*2$
56	3	$(2*4)*7$
29	3	$(87*11)/33$
70	3	$(7*5)*2$
14	3	$(4/2)*7$
235	3	$(94/2)*5$
70	4	$((7*4)*5)/2$
42	4	$((7*87)*2)/29$

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4	7	9
92	3	37
74	99	2

Answer	Number of Terms	Examples
296	2	$74*4$
12	2	$4*3$
23	2	$92/4$
2	2	$4/2, 74/37$
28	2	$4*7$
18	3	$(74/37)*9$
111	3	$(9/3)*37$
198	3	$(4/2)*99$
74	3	$(37*4)/2$
84	3	$(7*3)*4$
231	4	$((99*3)*7)/9$
132	4	$((4*99)*3)/9$

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5	6	32
74	15	16
9	2	3

Answer	Number of Terms	Examples
16	2	$32/2$
8	2	$16/2$
80	2	$16*5$
2	2	$32/16$
30	2	$15*2, 6*5$
2	3	$(3*6)/9, 6/(15/5)$
90	3	$(2*5)*9$
27	3	$(15*9)/5$
162	3	$(3*6)*9$
25	3	$(15/3)*5$
18	4	$(9/(15/5))*6$
150	4	$((15*5)/3)*6$

9	2	5
3	30	90
8	45	52

Answer	Number of Terms	Examples
2	2	$90/45$
26	2	$52/2$
60	2	$30*2$
45	2	$9*5$
6	2	$2*3$
12	3	$(8/2)*3, (45*8)/30$
81	3	$(45/5)*9$
3	3	$30/(90/9)$
180	3	$(2*3)*30, (8/2)*45$
27	3	$(90/30)*9$
108	4	$((9*30)*2)/5, ((9*45)*8)/30$
6	4	$((45*2)/5)/3, (3*90)/(5*9), (45*8)/(2*30)$

42	7	22
4	5	2
6	9	27

Answer	Number of Terms	Examples
252	2	$6*42$
168	2	$42*4$
210	2	$42*5$
7	2	$42/6$
294	2	$7*42$
70	3	$(5*2)*7$
189	3	$(9*42)/2$
72	3	$(9*2)*4$
126	3	$(42/2)*6, (9*2)*7$
99	3	$(22/2)*9$
165	4	$((5*9)*22)/6$
81	4	$(27*42)/(7*2), ((27*2)*9)/6$

5	6	20
54	3	2
90	15	9

Answer	Number of Terms	Examples
30	2	$5*6, 2*15, 90/3$
18	2	$9*2, 3*6, 90/5$
9	2	$54/6$
45	2	$5*9$
2	2	$6/3$
60	3	$(15*20)/5, (90/9)*6, (2*90)/3$
108	3	$(90/5)*6$
135	3	$(5*54)/2, (5*3)*9$
162	3	$(54/3)*9, (15*54)/5$
54	3	$(3*90)/5$
90	4	$((6*5)/3)*9, (54/9)*(90/6), ((5*54)*3)/9$
150	4	$(15*5)*(6/3), ((20*5)*3)/2$

9	7	2
15	4	5
64	10	30

Answer	Number of Terms	Examples
18	2	$9*2$
45	2	$9*5$
5	2	$10/2$
16	2	$64/4$
135	2	$9*15$
252	3	$(4*7)*9$
140	3	$(4*7)*5, (2*10)*7$
112	3	$(7*64)/4$
45	3	$(10*9)/2$
90	3	$(5*2)*9$
72	4	$((4*30)/15)*9$
192	4	$(64*9)/(15/5), (30/(2*5))*64$

3	15	4
6	7	9
91	8	96

Answer	Number of Terms	Examples
16	2	$96/6$
24	2	$3*8, 96/4, 4*6$
2	2	$8/4$
18	2	$6*3$
27	2	$9*3$
273	3	$(91*9)/3$
18	3	$(9*8)/4, (9*6)/3$
162	3	$(6*3)*9$
192	3	$(96*8)/4, (6/3)*96$
168	3	$(6*4)*7, (8*3)*7$
48	4	$((96/3)/4)*6$
20	4	$((4*15)*3)/9$

10	6	3
2	5	39
7	35	8

Answer	Number of Terms	Examples
50	2	$10*5$
4	2	$8/2$
2	2	$6/3$
70	2	$10*7, 35*2$
42	2	$7*6$
65	3	$(5*39)/3$
117	3	$(6/2)*39$
4	3	$(6/3)*2$
50	3	$(10*35)/7$
300	3	$(6*5)*10$
7	4	$(6*7)/(2*3), ((10/5)/2)*7$
12	4	$(10/5)*(3*2)$

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91	6	21
14	9	27
42	5	7

Answer	Number of Terms	Examples
30	2	$5*6$
42	2	$7*6$
84	2	$6*14$
126	2	$21*6, 14*9$
252	2	$42*6$
7	3	$21/(27/9)$
270	3	$(6*5)*9$
18	3	$(42*9)/21, (27*6)/9$
28	3	$(14*42)/21$
63	3	$(21*27)/9$
54	4	$(6/(42/14))*27$
234	4	$((91*9)*6)/21$

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9	7	14
5	88	2
26	13	4

Answer	Number of Terms	Examples
45	2	$9*5$
7	2	$14/2$
2	2	$26/13$
63	2	$9*7$
234	2	$9*26$
65	3	$(26/2)*5$
4	3	$(26*2)/13$
28	3	$(26/13)*14$
44	3	$(88*7)/14$
56	3	$(4*7)*2$
280	4	$(4*5)*(7*2)$
99	4	$((88/4)*9)/2$

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70	57	14
5	3	40
19	4	8

Answer	Number of Terms	Examples
5	2	$40/8$
70	2	$5*14$
228	2	$57*4$
14	2	$70/5$
8	2	$40/5$
25	3	$(70*5)/14$
9	3	$(57/19)*3$
40	3	$(70*8)/14$
112	3	$(14*40)/5, (70/5)*8$
120	3	$(3*5)*8$
280	4	$((4*40)*14)/8$
21	4	$((4*14)/8)*3$

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10	56	63
40	21	3
14	2	5

Answer	Number of Terms	Examples
8	2	40/5
7	2	21/3
4	2	40/10
112	2	2*56
30	2	10*3
28	3	56/(10/5)
100	3	(10*5)*2
8	3	(40/10)*2
42	3	(63*2)/3
10	3	(14*40)/56
35	4	(21*10)/(3*2)
90	4	((63*40)*2)/56, (63/21)*(3*10), ((63*10)*2)/14

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3	12	9
6	57	72
4	2	88

Answer	Number of Terms	Examples
6	2	72/12, 3*2
8	2	72/9, 2*4
54	2	6*9
24	2	4*6, 72/3
3	2	12/4
18	3	(6*12)/4
144	3	(12*2)*6, (4*72)/2
171	3	(57*6)/2, (57*12)/4
216	3	(12*9)*2, (6*3)*12
38	3	(57*2)/3
288	4	(12*2)*(72/6), (72/9)*(3*12)
16	4	((4*3)*12)/9

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6	28	56
4	8	39
34	9	2

Answer	Number of Terms	Examples
48	2	8*6
204	2	6*34
4	2	8/2
2	2	56/28, 8/4
24	2	6*4
14	3	(28/4)*2
63	3	(9*28)/4
78	3	(56*39)/28
96	3	(8*6)*2
64	3	(4*8)*2
64	4	(56*8)/(28/4)
104	4	((39*6)*4)/9

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5	39	3
15	9	6
8	42	45

Answer	Number of Terms	Examples
75	2	$5*15$
15	2	$3*5$
30	2	$6*5$
9	2	$45/5$
45	2	$15*3, 9*5$
135	3	$(3*9)*5$
144	3	$(6*3)*8$
24	3	$(8*15)/5$
3	3	$45/(3*5), (9*15)/45$
65	3	$(15*39)/9$
6	4	$((15/5)/3)*6$
70	4	$(5*42)/(9/3)$

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3	60	20
2	25	7
4	85	6

Answer	Number of Terms	Examples
60	2	$20*3$
21	2	$7*3$
30	2	$60/2$
75	2	$3*25$
180	2	$60*3$
40	3	$(2*60)/3$
18	3	$(60/20)*6$
168	3	$(6*7)*4$
36	3	$(2*3)*6$
120	3	$(6*60)/3, (60/2)*4$
36	4	$((3*4)/2)*6$
100	4	$(25*2)*(6/3)$

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2	55	5
9	40	91
3	4	20

Answer	Number of Terms	Examples
10	2	$5*2, 20/2$
182	2	$91*2$
2	2	$40/20$
80	2	$40*2, 20*4$
275	2	$55*5$
15	3	$(5*9)/3$
80	3	$(4*40)/2$
54	3	$(3*2)*9$
72	3	$(2*4)*9$
11	3	$(4*55)/20$
20	4	$(2*5)*(40/20)$
6	4	$((3*40)/4)/5$

54	8	9
7	18	10
3	51	27

Answer	Number of Terms	Examples
144	2	$18 \cdot 8$
2	2	$54/27$
24	2	$8 \cdot 3$
162	2	$3 \cdot 54, 9 \cdot 18$
216	2	$27 \cdot 8$
20	3	$(10 \cdot 54)/27, (18/9) \cdot 10$
168	3	$(7 \cdot 8) \cdot 3$
162	3	$(27 \cdot 54)/9$
6	3	$(54/27) \cdot 3, (9 \cdot 18)/27$
24	3	$(8 \cdot 54)/18$
81	4	$((54 \cdot 3)/18) \cdot 9$
144	4	$((54 \cdot 8)/27) \cdot 9$