

1	3	X	8	.	=	1	16	÷	2	.	=
2	7	X	7	.	=	2	25	÷	5	.	=
3	7	X	3	.	=	3	44	÷	4	.	=
4	7	X	10	.	=	4	84	÷	7	.	=
5	4	X	0	.	=	5	45	÷	5	.	=
6	8	X	5	.	=	6	110	÷	10	.	=
7	7	X	4	.	=	7	4	÷	4	.	=
8	9	X	1	.	=	8	80	÷	8	.	=
9	7	X	7	.	=	9	10	÷	2	.	=
10	11	X	7	.	=	10	24	÷	3	.	=
11	4	X	7	.	=	11	50	÷	5	.	=
12	3	X	9	.	=	12	36	÷	4	.	=
13	6	X	8	.	=	13	48	÷	8	.	=
14	4	X	4	.	=	14	21	÷	3	.	=
15	7	X	7	.	=	15	132	÷	12	.	=
16	0	X	9	.	=	16	10	÷	10	.	=
17	4	X	4	.	=	17	14	÷	2	.	=
18	1	X	6	.	=	18	32	÷	4	.	=
19	10	X	2	.	=	19	15	÷	3	.	=
20	8	X	6	.	=	20	3	÷	1	.	=
21	0	X	12	.	=	21	32	÷	8	.	=
22	0	X	1	.	=	22	66	÷	11	.	=
23	6	X	5	.	=	23	8	÷	4	.	=
24	12	X	12	.	=	24	25	÷	5	.	=
25	9	X	6	.	=	25	40	÷	4	.	=
26	4	X	1	.	=	26	11	÷	1	.	=
27	6	X	10	.	=	27	110	÷	11	.	=
28	2	X	11	.	=	28	88	÷	8	.	=
29	7	X	6	.	=	29	6	÷	2	.	=
30	10	X	4	.	=	30	63	÷	9	.	=
31	1	X	8	.	=	31	12	÷	4	.	=
32	2	X	2	.	=	32	36	÷	9	.	=
33	2	X	11	.	=	33	96	÷	12	.	=
34	4	X	10	.	=	34	0	÷	11	.	=
35	5	X	8	.	=	35	14	÷	7	.	=
36	9	X	0	.	=	36	55	÷	5	.	=
37	0	X	8	.	=	37	55	÷	5	.	=
38	8	X	6	.	=	38	20	÷	10	.	=
39	9	X	8	.	=	39	72	÷	6	.	=
40	6	X	7	.	=	40	7	÷	1	.	=

Case			name						
1	4	X	11	=	1	72	÷	6	=
2	7	X	4	=	2	12	÷	2	=
3	9	X	5	=	3	60	÷	5	=
4	7	X	6	=	4	50	÷	5	=
5	7	X	10	=	5	100	÷	10	=
6	9	X	5	=	6	24	÷	12	=
7	4	X	4	=	7	144	÷	12	=
8	3	X	4	=	8	20	÷	4	=
9	6	X	3	=	9	35	÷	7	=
10	7	X	7	=	10	49	÷	7	=
11	6	X	4	=	11	40	÷	10	=
12	12	X	4	=	12	30	÷	3	=
13	6	X	3	=	13	30	÷	6	=
14	5	X	4	=	14	48	÷	12	=
15	8	X	6	=	15	65	÷	13	=
16	9	X	10	=	16	33	÷	11	=
17	11	X	11	=	17	60	÷	10	=
18	8	X	9	=	18	36	÷	3	=
19	7	X	4	=	19	33	÷	3	=
20	6	X	7	=	20	36	÷	4	=
21	12	X	11	=	21	72	÷	6	=
22	3	X	8	=	22	24	÷	8	=
23	4	X	7	=	23	24	÷	8	=
24	12	X	8	=	24	25	÷	5	=
25	4	X	6	=	25	18	÷	3	=
26	8	X	4	=	26	40	÷	4	=
27	6	X	7	=	27	22	÷	11	=
28	12	X	9	=	28	56	÷	8	=
29	5	X	3	=	29	48	÷	8	=
30	8	X	5	=	30	77	÷	7	=
31	10	X	4	=	31	18	÷	2	=
32	9	X	10	=	32	27	÷	3	=
33	4	X	8	=	33	42	÷	7	=
34	8	X	11	=	34	99	÷	9	=
35	10	X	3	=	35	81	÷	9	=
36	4	X	10	=	36	20	÷	2	=
37	5	X	11	=	37	72	÷	9	=
38	12	X	5	=	38	77	÷	7	=
39	3	X	7	=	39	21	÷	3	=
40	3	X	8	=	40	54	÷	6	=

1	3	X	11	=	1	30	÷	6	=
2	6	X	9	=	2	24	÷	6	=
3	11	X	9	=	3	77	÷	11	=
4	9	X	3	=	4	6	÷	3	=
5	8	X	4	=	5	14	÷	7	=
6	9	X	8	=	6	65	÷	13	=
7	7	X	3	=	7	35	÷	7	=
8	12	X	5	=	8	99	÷	11	=
9	6	X	6	=	9	88	÷	11	=
10	4	X	4	=	10	35	÷	7	=
11	7	X	6	=	11	40	÷	5	=
12	3	X	10	=	12	42	÷	6	=
13	6	X	11	=	13	72	÷	9	=
14	5	X	8	=	14	72	÷	9	=
15	3	X	5	=	15	27	÷	9	=
16	5	X	8	=	16	18	÷	6	=
17	5	X	12	=	17	21	÷	7	=
18	3	X	5	=	18	20	÷	10	=
19	4	X	3	=	19	24	÷	3	=
20	3	X	5	=	20	21	÷	3	=
21	9	X	4	=	21	130	÷	13	=
22	8	X	11	=	22	40	÷	4	=
23	7	X	3	=	23	44	÷	4	=
24	11	X	3	=	24	55	÷	5	=
25	10	X	10	=	25	27	÷	3	=
26	6	X	11	=	26	100	÷	10	=
27	7	X	10	=	27	8	÷	2	=
28	11	X	12	=	28	60	÷	6	=
29	10	X	10	=	29	100	÷	10	=
30	11	X	7	=	30	110	÷	11	=
31	12	X	11	=	31	20	÷	5	=
32	3	X	11	=	32	24	÷	4	=
33	11	X	5	=	33	72	÷	12	=
34	7	X	4	=	34	36	÷	4	=
35	3	X	5	=	35	8	÷	4	=
36	11	X	7	=	36	99	÷	11	=
37	7	X	7	=	37	72	÷	6	=
38	6	X	4	=	38	54	÷	6	=
39	4	X	10	=	39	39	÷	13	=
40	9	X	5	=	40	4	÷	2	=

Challenge with remainders

1	5	X	5	=	1	1	÷	4	=
2	4	X	6	=	2	58	÷	11	=
3	5	X	3	=	3	82	÷	12	=
4	9	X	7	=	4	72	÷	7	=
5	5	X	6	=	5	106	÷	8	=
6	3	X	3	=	6	18	÷	9	=
7	1	X	10	=	7	22	÷	12	=
8	6	X	4	=	8	18	÷	8	=
9	9	X	3	=	9	33	÷	8	=
10	0	X	1	=	10	82	÷	10	=
11	5	X	8	=	11	106	÷	4	=
12	4	X	2	=	12	54	÷	5	=
13	10	X	12	=	13	77	÷	2	=
14	2	X	7	=	14	3	÷	6	=
15	10	X	10	=	15	8	÷	6	=
16	8	X	3	=	16	87	÷	7	=
17	3	X	11	=	17	123	÷	5	=
18	11	X	1	=	18	139	÷	3	=
19	9	X	5	=	19	119	÷	5	=
20	8	X	7	=	20	131	÷	2	=
21	4	X	3	=	21	112	÷	10	=
22	1	X	6	=	22	113	÷	5	=
23	1	X	11	=	23	22	÷	8	=
24	9	X	11	=	24	119	÷	6	=
25	1	X	8	=	25	18	÷	11	=
26	4	X	6	=	26	17	÷	3	=
27	5	X	1	=	27	128	÷	7	=
28	12	X	8	=	28	105	÷	7	=
29	2	X	6	=	29	39	÷	7	=
30	9	X	2	=	30	100	÷	6	=
31	1	X	4	=	31	91	÷	2	=
32	9	X	4	=	32	85	÷	8	=
33	7	X	2	=	33	32	÷	4	=
34	8	X	2	=	34	85	÷	4	=
35	6	X	2	=	35	21	÷	3	=
36	5	X	7	=	36	130	÷	10	=
37	8	X	6	=	37	17	÷	6	=
38	10	X	0	=	38	75	÷	3	=
39	11	X	4	=	39	75	÷	6	=
40	9	X	4	=	40	82	÷	3	=

Challenge with remainders

1	5 X 5	= 25	1	1 ÷ 4	= 0 r 1
2	4 X 6	= 24	2	58 ÷ 11	= 5 r 3
3	5 X 3	= 15	3	82 ÷ 12	= 6 r 10
4	9 X 7	= 63	4	72 ÷ 7	= 10 r 2
5	5 X 6	= 30	5	106 ÷ 8	= 13 r 2
6	3 X 3	= 9	6	18 ÷ 9	= 2
7	1 X 10	= 10	7	22 ÷ 12	= 1 r 10
8	6 X 4	= 24	8	18 ÷ 8	= 2 r 2
9	9 X 3	= 27	9	33 ÷ 8	= 4 r 1
10	0 X 1	= 0	10	82 ÷ 10	= 8 r 2
11	5 X 8	= 40	11	106 ÷ 4	= 26 r 2
12	4 X 2	= 8	12	54 ÷ 5	= 10 r 4
13	10 X 12	= 120	13	77 ÷ 2	= 38 r 1
14	2 X 7	= 14	14	3 ÷ 6	= 0 r 3
15	10 X 10	= 100	15	8 ÷ 6	= 1 r 2
16	8 X 3	= 24	16	87 ÷ 7	= 12 r 3
17	3 X 11	= 33	17	123 ÷ 5	= 24 r 3
18	11 X 1	= 11	18	139 ÷ 3	= 46 r 1
19	9 X 5	= 45	19	119 ÷ 5	= 23 r 4
20	8 X 7	= 56	20	131 ÷ 2	= 65 r 1
21	4 X 3	= 12	21	112 ÷ 10	= 11 r 2
22	1 X 6	= 6	22	113 ÷ 5	= 22 r 3
23	1 X 11	= 11	23	22 ÷ 8	= 2 r 6
24	9 X 11	= 99	24	119 ÷ 6	= 19 r 5
25	1 X 8	= 8	25	18 ÷ 11	= 1 r 7
26	4 X 6	= 24	26	17 ÷ 3	= 5 r 2
27	5 X 1	= 5	27	128 ÷ 7	= 18
28	12 X 8	= 96	28	105 ÷ 7	= 15
29	2 X 6	= 12	29	39 ÷ 7	= 5 r 4
30	9 X 2	= 18	30	100 ÷ 6	= 16 r 4
31	1 X 4	= 4	31	91 ÷ 2	= 45 r 1
32	9 X 4	= 36	32	85 ÷ 8	= 10 r 5
33	7 X 2	= 14	33	32 ÷ 4	= 8
34	8 X 2	= 16	34	85 ÷ 4	= 21 r 1
35	6 X 2	= 12	35	21 ÷ 3	= 7
36	5 X 7	= 35	36	130 ÷ 10	= 13
37	8 X 6	= 48	37	17 ÷ 6	= 2 r 5
38	10 X 0	= 0	38	75 ÷ 3	= 25
39	11 X 4	= 44	39	75 ÷ 6	= 12 r 3
40	9 X 4	= 36	40	82 ÷ 3	= 27