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Multiplication

Basic Fact Tests

Factors 0-12





1	3	8	7	2	7	6	7	9	2
<u>x12</u>	<u>x7</u>	<u>x1</u>	<u>x6</u>	<u>x2</u>	<u>x4</u>	<u>x3</u>	<u>x2</u>	<u>x4</u>	<u>x3</u>

4	8	11	3	6	5	6	10	5	8
<u>x3</u>	<u>x9</u>	<u>x5</u>	<u>x2</u>	<u>x5</u>	<u>x3</u>	<u>x8</u>	<u>x7</u>	<u>x9</u>	<u>x7</u>

1	2	1	8	8	11	9	7	4	7
<u>x 6</u>	<u>x 4</u>	<u>x 9</u>	<u>x 4</u>	<u>x 3</u>	<u>x 11</u>	<u>x 3</u>	<u>x 4</u>	<u>x 6</u>	<u>x 7</u>

5	9	5	9	8	12	3	12	2	1
x5	x 6	x2	x9	x1	x2	x9	x12	x8	x5

12	9	4	6	3	7	4	5	3	3
x11	x2	x4	x5	x1	x3	x4	x12	x4	x6

3	11	4	8	7	6	9	5	2	8
<u>x3</u>	<u>x10</u>	<u>x5</u>	<u>x4</u>	<u>x3</u>	<u>x12</u>	<u>x6</u>	<u>x7</u>	<u>x6</u>	<u>x6</u>

4	7	8	4	5	9	3	8	5	6
x7	x12	x8	x2	x6	x 7	x8	x2	x1	x6

7	3	6	9	6	5	9	1	6	8
x9	x5	x2	x5	x6	x8	x1	x4	x7	x 5

5	9	2	4	12	9	4	7	6	4
x4	x8	x 1	x7	x4	x3	x1	x8	x1	x9

2	7	6	7	8	4	6	11	2	3
x 9	x1	x4	x5	x10	x8	x9	x3	x7	x8



Bouncing from 0-10!

1 $\begin{array}{r} \times 2 \\ 2 \end{array}$	3 $\begin{array}{r} \times 7 \\ 21 \end{array}$	8 $\begin{array}{r} \times 1 \\ 8 \end{array}$	7 $\begin{array}{r} \times 6 \\ 42 \end{array}$	2 $\begin{array}{r} \times 2 \\ 4 \end{array}$	7 $\begin{array}{r} \times 4 \\ 28 \end{array}$	6 $\begin{array}{r} \times 3 \\ 18 \end{array}$	7 $\begin{array}{r} \times 2 \\ 14 \end{array}$	9 $\begin{array}{r} \times 4 \\ 36 \end{array}$	2 $\begin{array}{r} \times 3 \\ 6 \end{array}$
4 $\begin{array}{r} \times 3 \\ 12 \end{array}$	8 $\begin{array}{r} \times 9 \\ 72 \end{array}$	0 $\begin{array}{r} \times 5 \\ 0 \end{array}$	3 $\begin{array}{r} \times 2 \\ 6 \end{array}$	6 $\begin{array}{r} \times 5 \\ 30 \end{array}$	5 $\begin{array}{r} \times 3 \\ 15 \end{array}$	6 $\begin{array}{r} \times 8 \\ 48 \end{array}$	10 $\begin{array}{r} \times 7 \\ 70 \end{array}$	5 $\begin{array}{r} \times 9 \\ 45 \end{array}$	8 $\begin{array}{r} \times 7 \\ 56 \end{array}$
1 $\begin{array}{r} \times 6 \\ 6 \end{array}$	2 $\begin{array}{r} \times 4 \\ 8 \end{array}$	1 $\begin{array}{r} \times 9 \\ 9 \end{array}$	8 $\begin{array}{r} \times 4 \\ 32 \end{array}$	8 $\begin{array}{r} \times 3 \\ 24 \end{array}$	1 $\begin{array}{r} \times 1 \\ 1 \end{array}$	9 $\begin{array}{r} \times 3 \\ 27 \end{array}$	7 $\begin{array}{r} \times 4 \\ 28 \end{array}$	4 $\begin{array}{r} \times 6 \\ 24 \end{array}$	7 $\begin{array}{r} \times 7 \\ 49 \end{array}$
5 $\begin{array}{r} \times 5 \\ 25 \end{array}$	9 $\begin{array}{r} \times 6 \\ 54 \end{array}$	5 $\begin{array}{r} \times 2 \\ 10 \end{array}$	9 $\begin{array}{r} \times 9 \\ 81 \end{array}$	8 $\begin{array}{r} \times 1 \\ 8 \end{array}$	5 $\begin{array}{r} \times 2 \\ 10 \end{array}$	3 $\begin{array}{r} \times 9 \\ 27 \end{array}$	10 $\begin{array}{r} \times 10 \\ 100 \end{array}$	2 $\begin{array}{r} \times 8 \\ 16 \end{array}$	1 $\begin{array}{r} \times 5 \\ 5 \end{array}$
6 $\begin{array}{r} \times 7 \\ 42 \end{array}$	9 $\begin{array}{r} \times 2 \\ 18 \end{array}$	4 $\begin{array}{r} \times 4 \\ 16 \end{array}$	6 $\begin{array}{r} \times 5 \\ 30 \end{array}$	3 $\begin{array}{r} \times 1 \\ 3 \end{array}$	7 $\begin{array}{r} \times 3 \\ 21 \end{array}$	4 $\begin{array}{r} \times 4 \\ 16 \end{array}$	5 $\begin{array}{r} \times 10 \\ 50 \end{array}$	3 $\begin{array}{r} \times 4 \\ 12 \end{array}$	3 $\begin{array}{r} \times 6 \\ 18 \end{array}$
3 $\begin{array}{r} \times 3 \\ 9 \end{array}$	1 $\begin{array}{r} \times 10 \\ 10 \end{array}$	4 $\begin{array}{r} \times 5 \\ 20 \end{array}$	8 $\begin{array}{r} \times 4 \\ 32 \end{array}$	7 $\begin{array}{r} \times 3 \\ 21 \end{array}$	6 $\begin{array}{r} \times 0 \\ 0 \end{array}$	9 $\begin{array}{r} \times 6 \\ 54 \end{array}$	5 $\begin{array}{r} \times 7 \\ 35 \end{array}$	2 $\begin{array}{r} \times 6 \\ 12 \end{array}$	8 $\begin{array}{r} \times 6 \\ 48 \end{array}$
4 $\begin{array}{r} \times 7 \\ 28 \end{array}$	7 $\begin{array}{r} \times 1 \\ 7 \end{array}$	8 $\begin{array}{r} \times 8 \\ 64 \end{array}$	4 $\begin{array}{r} \times 2 \\ 8 \end{array}$	5 $\begin{array}{r} \times 6 \\ 30 \end{array}$	9 $\begin{array}{r} \times 7 \\ 63 \end{array}$	3 $\begin{array}{r} \times 8 \\ 24 \end{array}$	8 $\begin{array}{r} \times 2 \\ 16 \end{array}$	5 $\begin{array}{r} \times 1 \\ 5 \end{array}$	6 $\begin{array}{r} \times 6 \\ 36 \end{array}$
7 $\begin{array}{r} \times 9 \\ 63 \end{array}$	3 $\begin{array}{r} \times 5 \\ 15 \end{array}$	6 $\begin{array}{r} \times 2 \\ 12 \end{array}$	9 $\begin{array}{r} \times 5 \\ 45 \end{array}$	6 $\begin{array}{r} \times 6 \\ 36 \end{array}$	5 $\begin{array}{r} \times 8 \\ 40 \end{array}$	9 $\begin{array}{r} \times 1 \\ 9 \end{array}$	1 $\begin{array}{r} \times 4 \\ 4 \end{array}$	6 $\begin{array}{r} \times 7 \\ 42 \end{array}$	8 $\begin{array}{r} \times 5 \\ 40 \end{array}$
5 $\begin{array}{r} \times 4 \\ 20 \end{array}$	9 $\begin{array}{r} \times 8 \\ 72 \end{array}$	2 $\begin{array}{r} \times 1 \\ 2 \end{array}$	4 $\begin{array}{r} \times 7 \\ 28 \end{array}$	4 $\begin{array}{r} \times 0 \\ 0 \end{array}$	9 $\begin{array}{r} \times 3 \\ 27 \end{array}$	4 $\begin{array}{r} \times 1 \\ 4 \end{array}$	7 $\begin{array}{r} \times 8 \\ 56 \end{array}$	6 $\begin{array}{r} \times 1 \\ 6 \end{array}$	4 $\begin{array}{r} \times 9 \\ 36 \end{array}$
2 $\begin{array}{r} \times 9 \\ 18 \end{array}$	7 $\begin{array}{r} \times 1 \\ 7 \end{array}$	6 $\begin{array}{r} \times 4 \\ 24 \end{array}$	7 $\begin{array}{r} \times 5 \\ 35 \end{array}$	8 $\begin{array}{r} \times 10 \\ 80 \end{array}$	4 $\begin{array}{r} \times 8 \\ 32 \end{array}$	6 $\begin{array}{r} \times 9 \\ 54 \end{array}$	1 $\begin{array}{r} \times 3 \\ 3 \end{array}$	2 $\begin{array}{r} \times 7 \\ 14 \end{array}$	3 $\begin{array}{r} \times 8 \\ 24 \end{array}$



Blast Off with 1-12!

1	3	8	7	2	7	6	7	9	2
$\times 12$	$\times 7$	$\times 1$	$\times 6$	$\times 2$	$\times 4$	$\times 3$	$\times 2$	$\times 4$	$\times 3$
12	21	8	42	4	28	18	14	36	6

4	8	11	3	6	5	6	10	5	8
$\times 3$	$\times 9$	$\times 5$	$\times 2$	$\times 5$	$\times 3$	$\times 8$	$\times 7$	$\times 9$	$\times 7$
12	72	55	6	30	15	48	70	45	56

1	2	1	8	8	11	9	7	4	7
$\times 6$	$\times 4$	$\times 9$	$\times 4$	$\times 3$	$\times 11$	$\times 3$	$\times 4$	$\times 6$	$\times 7$
6	8	9	32	24	121	27	28	24	49

5	9	5	9	8	12	3	12	2	1
$\times 5$	$\times 6$	$\times 2$	$\times 9$	$\times 1$	$\times 2$	$\times 9$	$\times 12$	$\times 8$	$\times 5$
25	54	10	81	8	24	27	144	16	5

12	9	4	6	3	7	4	5	3	3
$\times 11$	$\times 2$	$\times 4$	$\times 5$	$\times 1$	$\times 3$	$\times 4$	$\times 12$	$\times 4$	$\times 6$
132	18	16	30	3	21	16	60	12	18

3	11	4	8	7	6	9	5	2	8
$\times 3$	$\times 10$	$\times 5$	$\times 4$	$\times 3$	$\times 12$	$\times 6$	$\times 7$	$\times 6$	$\times 6$
9	110	20	32	21	72	54	35	12	48

4	7	8	4	5	9	3	8	5	6
$\times 7$	$\times 12$	$\times 8$	$\times 2$	$\times 6$	$\times 7$	$\times 8$	$\times 2$	$\times 1$	$\times 6$
28	84	64	8	30	63	24	16	5	36

7	3	6	9	6	5	9	1	6	8
$\times 9$	$\times 5$	$\times 2$	$\times 5$	$\times 6$	$\times 8$	$\times 1$	$\times 4$	$\times 7$	$\times 5$
63	15	12	45	36	40	9	4	42	40

5	9	2	4	12	9	4	7	6	4
$\times 4$	$\times 8$	$\times 1$	$\times 7$	$\times 4$	$\times 3$	$\times 1$	$\times 8$	$\times 1$	$\times 9$
20	72	2	28	48	27	4	56	6	36

2	7	6	7	8	4	6	11	2	3
$\times 9$	$\times 1$	$\times 4$	$\times 5$	$\times 10$	$\times 8$	$\times 9$	$\times 3$	$\times 7$	$\times 8$
18	7	24	35	80	32	54	33	14	24



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