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## Multiplying by 2 (A) Answers

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0	1	2	3	4	5	6	7
$\begin{array}{r} \times 2 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 2 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 6 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 8 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 10 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 12 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 14 \end{array}$

2	2	2	2	2	2	2	2
$\begin{array}{r} \times 0 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 1 \\ \hline 2 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 3 \\ \hline 6 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 8 \end{array}$	$\begin{array}{r} \times 5 \\ \hline 10 \end{array}$	$\begin{array}{r} \times 6 \\ \hline 12 \end{array}$	$\begin{array}{r} \times 7 \\ \hline 14 \end{array}$

1	0	2	5	4	3	2	6
$\begin{array}{r} \times 2 \\ \hline 2 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 7 \\ \hline 14 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 10 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 8 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 6 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 12 \end{array}$

4	7	2	2	2	2	2	1
$\begin{array}{r} \times 2 \\ \hline 8 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 14 \end{array}$	$\begin{array}{r} \times 6 \\ \hline 12 \end{array}$	$\begin{array}{r} \times 0 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 5 \\ \hline 10 \end{array}$	$\begin{array}{r} \times 3 \\ \hline 6 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 2 \end{array}$

2	3	5	2	2	7	2	6
$\begin{array}{r} \times 2 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 6 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 10 \end{array}$	$\begin{array}{r} \times 1 \\ \hline 2 \end{array}$	$\begin{array}{r} \times 0 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 14 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 8 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 12 \end{array}$

6	2	2	2	2	2	5	2
$\begin{array}{r} \times 2 \\ \hline 12 \end{array}$	$\begin{array}{r} \times 0 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 7 \\ \hline 14 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 8 \end{array}$	$\begin{array}{r} \times 3 \\ \hline 6 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 10 \end{array}$	$\begin{array}{r} \times 1 \\ \hline 2 \end{array}$

1	5	2	4	2	2	2	6
$\begin{array}{r} \times 2 \\ \hline 2 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 10 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 8 \end{array}$	$\begin{array}{r} \times 3 \\ \hline 6 \end{array}$	$\begin{array}{r} \times 0 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 7 \\ \hline 14 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 12 \end{array}$

2	2	1	2	2	2	2	2
$\begin{array}{r} \times 3 \\ \hline 6 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 8 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 2 \end{array}$	$\begin{array}{r} \times 6 \\ \hline 12 \end{array}$	$\begin{array}{r} \times 0 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 5 \\ \hline 10 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 7 \\ \hline 14 \end{array}$













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## Multiplying by 2 (D) Answers

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0	1	2	3	4	5	6	7
$\times 2$	$\times 2$	$\times 2$	$\times 2$	$\times 2$	$\times 2$	$\times 2$	$\times 2$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
0	2	4	6	8	10	12	14

2	2	2	2	2	2	2	2
$\times 0$	$\times 1$	$\times 2$	$\times 3$	$\times 4$	$\times 5$	$\times 6$	$\times 7$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
0	2	4	6	8	10	12	14

4	0	2	2	2	2	2	2
$\times 2$	$\times 2$	$\times 6$	$\times 3$	$\times 1$	$\times 7$	$\times 2$	$\times 5$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
8	0	12	6	2	14	4	10

1	7	4	5	0	2	3	6
$\times 2$	$\times 2$	$\times 2$	$\times 2$	$\times 2$	$\times 2$	$\times 2$	$\times 2$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
2	14	8	10	0	4	6	12

2	5	4	2	1	6	2	3
$\times 2$	$\times 2$	$\times 2$	$\times 7$	$\times 2$	$\times 2$	$\times 0$	$\times 2$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
4	10	8	14	2	12	0	6

1	2	2	2	3	2	2	5
$\times 2$	$\times 4$	$\times 2$	$\times 6$	$\times 2$	$\times 7$	$\times 0$	$\times 2$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
2	8	4	12	6	14	0	10

2	2	2	2	4	7	6	2
$\times 3$	$\times 5$	$\times 0$	$\times 1$	$\times 2$	$\times 2$	$\times 2$	$\times 2$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
6	10	0	2	8	14	12	4

2	2	3	2	6	7	2	2
$\times 2$	$\times 5$	$\times 2$	$\times 1$	$\times 2$	$\times 2$	$\times 0$	$\times 4$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
4	10	6	2	12	14	0	8



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## Multiplying by 2 (E) Answers

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0	1	2	3	4	5	6	7
$\times 2$	$\times 2$	$\times 2$	$\times 2$	$\times 2$	$\times 2$	$\times 2$	$\times 2$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
0	2	4	6	8	10	12	14

2	2	2	2	2	2	2	2
$\times 0$	$\times 1$	$\times 2$	$\times 3$	$\times 4$	$\times 5$	$\times 6$	$\times 7$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
0	2	4	6	8	10	12	14

2	2	3	2	0	1	2	2
$\times 4$	$\times 6$	$\times 2$	$\times 5$	$\times 2$	$\times 2$	$\times 2$	$\times 7$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
8	12	6	10	0	2	4	14

6	3	2	2	1	4	2	2
$\times 2$	$\times 2$	$\times 0$	$\times 2$	$\times 2$	$\times 2$	$\times 7$	$\times 5$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
12	6	0	4	2	8	14	10

4	1	7	3	2	5	2	2
$\times 2$	$\times 2$	$\times 2$	$\times 2$	$\times 0$	$\times 2$	$\times 6$	$\times 2$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
8	2	14	6	0	10	12	4

2	6	5	2	2	3	7	2
$\times 0$	$\times 2$	$\times 2$	$\times 2$	$\times 4$	$\times 2$	$\times 2$	$\times 1$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
0	12	10	4	8	6	14	2

2	2	2	2	4	2	2	2
$\times 1$	$\times 6$	$\times 5$	$\times 2$	$\times 2$	$\times 0$	$\times 3$	$\times 7$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
2	12	10	4	8	0	6	14

2	7	2	2	2	3	1	0
$\times 6$	$\times 2$	$\times 5$	$\times 4$	$\times 2$	$\times 2$	$\times 2$	$\times 2$
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
12	14	10	8	4	6	2	0



























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## Multiplying by 4 (A) Answers

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0	1	2	3	4	5	6	7
$\begin{array}{r} \times 4 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 8 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 12 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 16 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 20 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 24 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 28 \end{array}$

4	4	4	4	4	4	4	4
$\begin{array}{r} \times 0 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 1 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 8 \end{array}$	$\begin{array}{r} \times 3 \\ \hline 12 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 16 \end{array}$	$\begin{array}{r} \times 5 \\ \hline 20 \end{array}$	$\begin{array}{r} \times 6 \\ \hline 24 \end{array}$	$\begin{array}{r} \times 7 \\ \hline 28 \end{array}$

4	4	4	3	4	4	4	4
$\begin{array}{r} \times 0 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 7 \\ \hline 28 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 16 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 12 \end{array}$	$\begin{array}{r} \times 5 \\ \hline 20 \end{array}$	$\begin{array}{r} \times 6 \\ \hline 24 \end{array}$	$\begin{array}{r} \times 1 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 8 \end{array}$

0	4	4	5	4	4	3	2
$\begin{array}{r} \times 4 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 1 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 6 \\ \hline 24 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 20 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 16 \end{array}$	$\begin{array}{r} \times 7 \\ \hline 28 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 12 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 8 \end{array}$

5	4	4	6	7	0	1	4
$\begin{array}{r} \times 4 \\ \hline 20 \end{array}$	$\begin{array}{r} \times 3 \\ \hline 12 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 8 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 24 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 28 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 16 \end{array}$

7	4	0	4	4	2	4	3
$\begin{array}{r} \times 4 \\ \hline 28 \end{array}$	$\begin{array}{r} \times 1 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 5 \\ \hline 20 \end{array}$	$\begin{array}{r} \times 6 \\ \hline 24 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 8 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 16 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 12 \end{array}$

7	4	3	4	0	1	4	4
$\begin{array}{r} \times 4 \\ \hline 28 \end{array}$	$\begin{array}{r} \times 6 \\ \hline 24 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 12 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 16 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 8 \end{array}$	$\begin{array}{r} \times 5 \\ \hline 20 \end{array}$

5	1	7	0	4	6	4	4
$\begin{array}{r} \times 4 \\ \hline 20 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 28 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 8 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 24 \end{array}$	$\begin{array}{r} \times 3 \\ \hline 12 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 16 \end{array}$



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## Multiplying by 4 (B) Answers

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0	1	2	3	4	5	6	7
$\begin{array}{r} \times 4 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 8 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 12 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 16 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 20 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 24 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 28 \end{array}$

4	4	4	4	4	4	4	4
$\begin{array}{r} \times 0 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 1 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 8 \end{array}$	$\begin{array}{r} \times 3 \\ \hline 12 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 16 \end{array}$	$\begin{array}{r} \times 5 \\ \hline 20 \end{array}$	$\begin{array}{r} \times 6 \\ \hline 24 \end{array}$	$\begin{array}{r} \times 7 \\ \hline 28 \end{array}$

2	4	4	1	4	4	4	4
$\begin{array}{r} \times 4 \\ \hline 8 \end{array}$	$\begin{array}{r} \times 7 \\ \hline 28 \end{array}$	$\begin{array}{r} \times 5 \\ \hline 20 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 0 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 16 \end{array}$	$\begin{array}{r} \times 6 \\ \hline 24 \end{array}$	$\begin{array}{r} \times 3 \\ \hline 12 \end{array}$

1	5	4	4	4	7	4	4
$\begin{array}{r} \times 4 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 20 \end{array}$	$\begin{array}{r} \times 0 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 6 \\ \hline 24 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 8 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 28 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 16 \end{array}$	$\begin{array}{r} \times 3 \\ \hline 12 \end{array}$

0	4	3	4	5	4	6	4
$\begin{array}{r} \times 4 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 1 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 12 \end{array}$	$\begin{array}{r} \times 7 \\ \hline 28 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 20 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 16 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 24 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 8 \end{array}$

3	4	1	6	4	7	2	4
$\begin{array}{r} \times 4 \\ \hline 12 \end{array}$	$\begin{array}{r} \times 5 \\ \hline 20 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 24 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 16 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 28 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 8 \end{array}$	$\begin{array}{r} \times 0 \\ \hline 0 \end{array}$

4	1	4	5	4	4	4	4
$\begin{array}{r} \times 4 \\ \hline 16 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 7 \\ \hline 28 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 20 \end{array}$	$\begin{array}{r} \times 2 \\ \hline 8 \end{array}$	$\begin{array}{r} \times 3 \\ \hline 12 \end{array}$	$\begin{array}{r} \times 0 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 6 \\ \hline 24 \end{array}$

2	4	4	4	0	4	4	4
$\begin{array}{r} \times 4 \\ \hline 8 \end{array}$	$\begin{array}{r} \times 1 \\ \hline 4 \end{array}$	$\begin{array}{r} \times 3 \\ \hline 12 \end{array}$	$\begin{array}{r} \times 7 \\ \hline 28 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 0 \end{array}$	$\begin{array}{r} \times 4 \\ \hline 16 \end{array}$	$\begin{array}{r} \times 5 \\ \hline 20 \end{array}$	$\begin{array}{r} \times 6 \\ \hline 24 \end{array}$















































































