

## Multiplication

### Skill 4 - 12A

#### Estimate Products

Round **each** factor and multiply to estimate the product. Rewrite each problem in the space to the right.

1. $\begin{array}{r} 392 \\ \times 24 \\ \hline \end{array}$ $\begin{array}{r} 400 \\ \times 20 \\ \hline 8,000 \end{array}$	2. $\begin{array}{r} 629 \\ \times 35 \\ \hline \end{array}$ $\begin{array}{r} 600 \\ \times 40 \\ \hline 24,000 \end{array}$	3. $\begin{array}{r} 2,250 \\ \times 29 \\ \hline \end{array}$ $\begin{array}{r} 2,000 \\ \times 30 \\ \hline 60,000 \end{array}$
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Multiplying with zeros.

$$\begin{array}{r} 400 \\ \times 20 \\ \hline \end{array}$$

Multiply  $2 \times 4 = 8$  Count the zeros. 8 plus 3 zeros = 8,000

1.

$$\begin{array}{r} 330 \\ \times 34 \\ \hline \end{array}$$

$$\begin{array}{r} 850 \\ \times 45 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ \times 18 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 25 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ \times 19 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ \times 17 \\ \hline \end{array}$$

3.

$$\begin{array}{r} \$5.75 \\ \times 15 \\ \hline \end{array}$$

$$\begin{array}{r} 2,930 \\ \times 37 \\ \hline \end{array}$$

$$\begin{array}{r} \$0.57 \\ \times 44 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 723 \\ \times 15 \\ \hline \end{array}$$

$$\begin{array}{r} 375 \\ \times 74 \\ \hline \end{array}$$

$$\begin{array}{r} 2,815 \\ \times 16 \\ \hline \end{array}$$

5.

$$\begin{array}{r} \$23.39 \\ \times 24 \\ \hline \end{array}$$

$$\begin{array}{r} 6,199 \\ \times 19 \\ \hline \end{array}$$

$$\begin{array}{r} \$23.25 \\ \times 68 \\ \hline \end{array}$$

## Multiplication

### Skill 4 - 12A

#### Estimate Products

Round **each** factor and multiply to estimate the product. Rewrite each problem in the space to the right.

6.

$$\begin{array}{r} \$52.09 \\ \times 18 \\ \hline \end{array}$$

$$\begin{array}{r} \$0.75 \\ \times 52 \\ \hline \end{array}$$

$$\begin{array}{r} 3,295 \\ \times 35 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 2,490 \\ \times 24 \\ \hline \end{array}$$

$$\begin{array}{r} \$39.95 \\ \times 33 \\ \hline \end{array}$$

$$\begin{array}{r} 3,908 \\ \times 43 \\ \hline \end{array}$$

8.

$$\begin{array}{r} \$7.27 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 6,354 \\ \times 42 \\ \hline \end{array}$$

$$\begin{array}{r} \$0.98 \\ \times 57 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 6,830 \\ \times 46 \\ \hline \end{array}$$

$$\begin{array}{r} 8,215 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} 4,501 \\ \times 26 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 6,721 \\ \times 31 \\ \hline \end{array}$$

$$\begin{array}{r} 7,500 \\ \times 28 \\ \hline \end{array}$$

$$\begin{array}{r} 6,498 \\ \times 84 \\ \hline \end{array}$$

11.

$$\begin{array}{r} \$42.28 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 2,908 \\ \times 55 \\ \hline \end{array}$$

$$\begin{array}{r} \$86.52 \\ \times 49 \\ \hline \end{array}$$

## Answer Key Skill 4 - 12A

1.
 

$\begin{array}{r} 330 \\ \times 34 \\ \hline \end{array}$	$\begin{array}{r} 300 \\ \times 30 \\ \hline 9,000 \end{array}$	$\begin{array}{r} 850 \\ \times 45 \\ \hline \end{array}$	$\begin{array}{r} 900 \\ \times 50 \\ \hline 45,000 \end{array}$	$\begin{array}{r} 54 \\ \times 18 \\ \hline \end{array}$	$\begin{array}{r} 50 \\ \times 20 \\ \hline 1,000 \end{array}$
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2.
 

$\begin{array}{r} 25 \\ \times 12 \\ \hline \end{array}$	$\begin{array}{r} 30 \\ \times 10 \\ \hline 300 \end{array}$	$\begin{array}{r} 15 \\ \times 19 \\ \hline \end{array}$	$\begin{array}{r} 20 \\ \times 20 \\ \hline 400 \end{array}$	$\begin{array}{r} 34 \\ \times 17 \\ \hline \end{array}$	$\begin{array}{r} 30 \\ \times 20 \\ \hline 600 \end{array}$
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3.
 

$\begin{array}{r} \$5.75 \\ \times 15 \\ \hline \end{array}$	$\begin{array}{r} \$6.00 \\ \times 20 \\ \hline \$120.00 \end{array}$	$\begin{array}{r} 2,930 \\ \times 37 \\ \hline \end{array}$	$\begin{array}{r} 3,000 \\ \times 40 \\ \hline 120,000 \end{array}$	$\begin{array}{r} \$0.57 \\ \times 44 \\ \hline \end{array}$	$\begin{array}{r} \$0.60 \\ \times 40 \\ \hline \$24.00 \end{array}$
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4.
 

$\begin{array}{r} 723 \\ \times 15 \\ \hline \end{array}$	$\begin{array}{r} 700 \\ \times 20 \\ \hline 14,000 \end{array}$	$\begin{array}{r} 375 \\ \times 74 \\ \hline \end{array}$	$\begin{array}{r} 400 \\ \times 70 \\ \hline 28,000 \end{array}$	$\begin{array}{r} 2,815 \\ \times 16 \\ \hline \end{array}$	$\begin{array}{r} 3,000 \\ \times 20 \\ \hline 60,000 \end{array}$
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5.
 

$\begin{array}{r} \$23.39 \\ \times 24 \\ \hline \end{array}$	$\begin{array}{r} \$20.00 \\ \times 20 \\ \hline \$400.00 \end{array}$	$\begin{array}{r} 6,199 \\ \times 19 \\ \hline \end{array}$	$\begin{array}{r} 6,000 \\ \times 20 \\ \hline 120,000 \end{array}$	$\begin{array}{r} \$23.25 \\ \times 68 \\ \hline \end{array}$	$\begin{array}{r} \$20.00 \\ \times 70 \\ \hline \$1400.00 \end{array}$
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6.
 

$\begin{array}{r} \$52.09 \\ \times 18 \\ \hline \end{array}$	$\begin{array}{r} \$50.00 \\ \times 20 \\ \hline \$1,000.00 \end{array}$	$\begin{array}{r} \$0.75 \\ \times 52 \\ \hline \end{array}$	$\begin{array}{r} \$0.80 \\ \times 50 \\ \hline 40.00 \end{array}$	$\begin{array}{r} 3,295 \\ \times 35 \\ \hline \end{array}$	$\begin{array}{r} 3,000 \\ \times 40 \\ \hline 120,000 \end{array}$
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7.
 

$\begin{array}{r} 2,490 \\ \times 24 \\ \hline \end{array}$	$\begin{array}{r} 2,000 \\ \times 20 \\ \hline 40,000 \end{array}$	$\begin{array}{r} \$39.95 \\ \times 33 \\ \hline \end{array}$	$\begin{array}{r} \$40.00 \\ \times 30 \\ \hline \$1,200.00 \end{array}$	$\begin{array}{r} 3,908 \\ \times 43 \\ \hline \end{array}$	$\begin{array}{r} 4,000 \\ \times 40 \\ \hline 160,000 \end{array}$
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8.
 

$\begin{array}{r} \$7.27 \\ \times 12 \\ \hline \end{array}$	$\begin{array}{r} \$7.00 \\ \times 10 \\ \hline \$70.00 \end{array}$	$\begin{array}{r} 6,354 \\ \times 42 \\ \hline \end{array}$	$\begin{array}{r} 6,000 \\ \times 40 \\ \hline 240,000 \end{array}$	$\begin{array}{r} \$0.98 \\ \times 57 \\ \hline \end{array}$	$\begin{array}{r} \$1.00 \\ \times 60 \\ \hline \$60.00 \end{array}$
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9.
 

$\begin{array}{r} 6,830 \\ \times 46 \\ \hline \end{array}$	$\begin{array}{r} 7,000 \\ \times 50 \\ \hline 350,000 \end{array}$	$\begin{array}{r} 8,215 \\ \times 27 \\ \hline \end{array}$	$\begin{array}{r} 8,000 \\ \times 30 \\ \hline 240,000 \end{array}$	$\begin{array}{r} 4,501 \\ \times 26 \\ \hline \end{array}$	$\begin{array}{r} 5,000 \\ \times 30 \\ \hline 150,000 \end{array}$
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10.
 

$\begin{array}{r} 6,721 \\ \times 31 \\ \hline \end{array}$	$\begin{array}{r} 7,000 \\ \times 30 \\ \hline 210,000 \end{array}$	$\begin{array}{r} 7,500 \\ \times 28 \\ \hline \end{array}$	$\begin{array}{r} 8,000 \\ \times 30 \\ \hline 240,000 \end{array}$	$\begin{array}{r} 6,498 \\ \times 84 \\ \hline \end{array}$	$\begin{array}{r} 6,000 \\ \times 80 \\ \hline 480,000 \end{array}$
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11.
 

$\begin{array}{r} \$42.28 \\ \times 26 \\ \hline \end{array}$	$\begin{array}{r} \$40.00 \\ \times 30 \\ \hline \$1200.00 \end{array}$	$\begin{array}{r} 2,908 \\ \times 55 \\ \hline \end{array}$	$\begin{array}{r} 3,000 \\ \times 60 \\ \hline 180,000 \end{array}$	$\begin{array}{r} \$86.52 \\ \times 49 \\ \hline \end{array}$	$\begin{array}{r} \$90.00 \\ \times 50 \\ \hline 4,500.00 \end{array}$
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