

# Multiplying a Three-Digit Number by a Two-Digit Number

You multiply the same way if one number has three digits. It is done in parts.

$\begin{array}{r} 1 \\ 735 \\ \times 42 \\ \hline 1470 \\ \hline \end{array}$ <p>First multiply <math>2 \times 735</math>.</p>	$\begin{array}{r} 121 \\ 735 \\ \times 42 \\ \hline 1470 \\ 29400 \\ \hline \end{array}$ <p>Then multiply <math>40 \times 735</math>.</p>	$\begin{array}{r} 735 \\ \times 42 \\ \hline 1470 \\ + 29400 \\ \hline 30870 \end{array}$ <p>Then add.</p>
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$\begin{array}{r} 6 \\ \$6.91 \\ \times 57 \\ \hline 48.37 \\ \hline \end{array}$ <p>First multiply <math>7 \times \\$6.91</math>.</p>	$\begin{array}{r} 46 \\ \$6.91 \\ \times 57 \\ \hline 48.37 \\ 345.50 \\ \hline \end{array}$ <p>Then multiply <math>50 \times \\$6.91</math>.</p>	$\begin{array}{r} \$6.91 \\ \times 57 \\ \hline 48.37 \\ + 345.50 \\ \hline \$393.87 \end{array}$ <p>Then add.</p>
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1. Fill in the missing digits and complete the calculation.

a.

$$\begin{array}{r} 285 \\ \times 28 \\ \hline \\ + 5700 \\ \hline \end{array}$$

b.

$$\begin{array}{r} 802 \\ \times 34 \\ \hline \\ + 24060 \\ \hline \end{array}$$

c.

$$\begin{array}{r} 923 \\ \times 20 \\ \hline 000 \\ + \\ \hline \end{array}$$

d.

$$\begin{array}{r} 770 \\ \times 53 \\ \hline 2310 \\ + \\ \hline \end{array}$$

2. Multiply.

a.

$$\begin{array}{r} 673 \\ \times 42 \\ \hline \end{array}$$

b.

$$\begin{array}{r} 191 \\ \times 55 \\ \hline \end{array}$$

c.

$$\begin{array}{r} 603 \\ \times 68 \\ \hline \end{array}$$

d.

$$\begin{array}{r} 230 \\ \times 60 \\ \hline \end{array}$$

e.

$$\begin{array}{r} 303 \\ \times 29 \\ \hline \end{array}$$