

# 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.

<p>a.</p> $\begin{array}{r} \square \square 285 \\ \times \square \square 28 \\ \hline \square \square \square \square \square \\ + 5700 \\ \hline \square \square \square \square \square \end{array}$	<p>b.</p> $\begin{array}{r} \square \square 802 \\ \times \square \square 34 \\ \hline \square \square \square \square \square \\ + 24060 \\ \hline \square \square \square \square \square \end{array}$	<p>c.</p> $\begin{array}{r} \square \square 923 \\ \times \square \square 20 \\ \hline \square \square \square \square \square \\ + \square \square \square \square \square \\ \hline \square \square \square \square \square \end{array}$	<p>d.</p> $\begin{array}{r} \square \square 770 \\ \times \square \square 53 \\ \hline \square \square \square \square \square \\ + \square \square \square \square \square \\ \hline \square \square \square \square \square \end{array}$
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2. Multiply.

<p>a.</p> $\begin{array}{r} \square \square 673 \\ \times \square \square 42 \\ \hline \square \square \square \square \square \\ \square \square \square \square \square \\ \hline \square \square \square \square \square \end{array}$	<p>b.</p> $\begin{array}{r} \square \square 191 \\ \times \square \square 55 \\ \hline \square \square \square \square \square \\ \square \square \square \square \square \\ \hline \square \square \square \square \square \end{array}$	<p>c.</p> $\begin{array}{r} \square \square 603 \\ \times \square \square 68 \\ \hline \square \square \square \square \square \\ \square \square \square \square \square \\ \hline \square \square \square \square \square \end{array}$	<p>d.</p> $\begin{array}{r} \square \square 230 \\ \times \square \square 60 \\ \hline \square \square \square \square \square \\ \square \square \square \square \square \\ \hline \square \square \square \square \square \end{array}$
<p>e.</p> $\begin{array}{r} \square \square 303 \\ \times \square \square 29 \\ \hline \square \square \square \square \square \\ \square \square \square \square \square \\ \hline \square \square \square \square \square \end{array}$	<p>f.</p> $\begin{array}{r} \square \square 199 \\ \times \square \square 49 \\ \hline \square \square \square \square \square \\ \square \square \square \square \square \\ \hline \square \square \square \square \square \end{array}$	<p>g.</p> $\begin{array}{r} \square \square 492 \\ \times \square \square 94 \\ \hline \square \square \square \square \square \\ \square \square \square \square \square \\ \hline \square \square \square \square \square \end{array}$	<p>h.</p> $\begin{array}{r} \square \square \$1.38 \\ \times \square \square 82 \\ \hline \square \square \square \square \square \\ \square \square \square \square \square \\ \hline \square \square \square \square \square \end{array}$