

# Two-Digit Multiplication

Multiplying a 2-digit number by a 1-digit number may seem difficult at first. However, if you arrange the numbers in columns, you will find how easy these problems really are.

**EXAMPLE:**  $20 \times 2 = ?$



STEP 1

$$\begin{array}{r|l} 10 & 1 \\ \hline 20 \\ \times & 2 \\ \hline \end{array}$$

Arrange factors  
in columns.

STEP 2

$$\begin{array}{r|l} 10 & 1 \\ \hline 20 \\ \times & 2 \\ \hline & 0 \\ \hline \end{array}$$

Multiply the 1s  
column first.

STEP 3

$$\begin{array}{r|l} 10 & 1 \\ \hline 20 \\ \times & 2 \\ \hline 40 \\ \hline \end{array}$$

Multiply the  
10s column.

For each problem below, rewrite each problem so that the numbers are in columns. Proceed to multiply the problem and solve. Be sure to show all of your work.

1.  $43 \times 2$

$$\begin{array}{r|l} 10 & 1 \\ \hline & \\ \times & \\ \hline \end{array}$$

2.  $32 \times 3$

$$\begin{array}{r|l} 10 & 1 \\ \hline & \\ \times & \\ \hline \end{array}$$

3.  $11 \times 4$

$$\begin{array}{r|l} 10 & 1 \\ \hline & \\ \times & \\ \hline \end{array}$$

4.  $50 \times 1$

$$\begin{array}{r|l} 10 & 1 \\ \hline & \\ \times & \\ \hline \end{array}$$

5.  $14 \times 2$

$$\begin{array}{r|l} 10 & 1 \\ \hline & \\ \times & \\ \hline \end{array}$$

6.  $62 \times 4$

$$\begin{array}{r|l} 10 & 1 \\ \hline & \\ \times & \\ \hline \end{array}$$

7.  $61 \times 7$

$$\begin{array}{r|l} 10 & 1 \\ \hline & \\ \times & \\ \hline \end{array}$$

8.  $13 \times 2$

$$\begin{array}{r|l} 10 & 1 \\ \hline & \\ \times & \\ \hline \end{array}$$

9.  $15 \times 4$

$$\begin{array}{r|l} 10 & 1 \\ \hline & \\ \times & \\ \hline \end{array}$$