

10 3-Digit Number by a 1-Digit Number

Here's How

Find the product.

Multiply \$5.82 and 4.
 $\$5.82 \times 4 = ?$

$$\begin{array}{r} \$5.82 \\ \times \quad 4 \\ \hline \end{array}$$

Multiply 4 ones and 2 ones to get 8 ones.

Write the 8.

$$\begin{array}{r} \\ \$5.82 \\ \times \quad 4 \\ \hline 28 \end{array}$$

Multiply 4 ones and 8 tens to get 32 tens. Rename 32 tens as 3 hundreds 2 tens. Write the 2 in the tens place. Write the 3 above the 5 in the hundreds place.

$$\begin{array}{r} \\ \$5.82 \\ \times \quad 4 \\ \hline \$23.28 \end{array}$$

Multiply 4 ones and 5 hundreds to get 20 hundreds. Add 20 hundreds and 3 hundreds to get 23 hundreds. Write the 23.

The **product** of \$5.82 and 4 is **\$23.28**.

Try These

Find each product.

Sometimes you have to rename in a different place.

$$\begin{array}{r} \\ 1. \quad 321 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} \\ 2. \quad 893 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \\ 3. \quad 670 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} \\ 4. \quad 861 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} \\ 5. \quad 905 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} \\ 6. \quad 349 \\ \times \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} \\ 7. \quad 507 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} \\ 8. \quad 714 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} \\ 9. \quad 524 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \\ 10. \quad 891 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} \\ 11. \quad 709 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} \\ 12. \quad 781 \\ \times \quad 7 \\ \hline \end{array}$$