

Example: Write the decimal point in each product. You may need to include zeros as placeholders.

$$1.) \underline{9.27} \times \underline{1.5} = \underline{13905}$$

$$2.) \underline{12.92} \times \underline{0.7} = \underline{9044}$$

$$3.) \underline{0.008} \times \underline{0.6} = \underline{0048}$$

$$0.0048$$

$$4.) \underline{0.12} \times \underline{0.5} = \underline{060}$$

$$0.060 \text{ OR}$$

$$0.06$$

Example: Multiply.

$$5.) \underline{0.03} \times \underline{0.9}$$

$$\begin{array}{r} 3 \\ \times 9 \\ \hline 27 \end{array}$$

$$\boxed{0.027}$$

$$6.) \underline{4.5} \times \underline{0.5}$$

$$\begin{array}{r} 45 \\ \times 5 \\ \hline 225 \end{array}$$

$$\boxed{2.25}$$

$$7.) \underline{0.31} \times 7$$

$$\begin{array}{r} 31 \\ \times 7 \\ \hline 217 \end{array}$$

$$\boxed{2.17}$$

Example: Multiply.

8.) 0.08×1.6

$$\begin{array}{r} 4 \\ 16 \\ \times 8 \\ \hline 128 \\ \hline 0.128 \end{array}$$

9.) 1.4×0.21

$$\begin{array}{r} 21 \\ \times 14 \\ \hline 84 \\ 210 \\ \hline 294 \\ \hline 0.294 \end{array}$$

10.) 0.06×1.02

$$\begin{array}{r} 102 \\ \times 6 \\ \hline 0612 \\ \hline 0.0612 \end{array}$$

Example: Multiply.

11.) 0.3×0.03

$$\begin{array}{r} 3 \\ \times 3 \\ \hline 009 \\ \hline 0.009 \end{array}$$

12.) 8.2×4.1

$$\begin{array}{r} 82 \\ \times 41 \\ \hline 182 \\ +3280 \\ \hline 3362 \\ \hline 33.62 \end{array}$$

13.) 0.96×48

$$\begin{array}{r} 96 \\ \times 48 \\ \hline 1768 \\ +3840 \\ \hline 4608 \\ \hline 46.08 \end{array}$$

Example: Mia roller skates 2.1 km. Caroline roller skates 1.6 times as far as Mia. How far does Caroline roller skate?

$$\begin{array}{r} 21 \\ \times 16 \\ \hline 126 \\ + 210 \\ \hline 336 \end{array}$$

$$3.36 \text{ km}$$