

Multiplying Decimals

$$\begin{array}{r} 4.67 \\ \times 3.2 \\ \hline 934 \\ + 14010 \\ \hline 14944 \end{array}$$

① Line up your numbers like you usually do. $\begin{array}{r} 14 \\ \times 14 \\ \hline \end{array}$

② Multiply like you usually do. $\begin{array}{r} 14 \\ \times 14 \\ \hline \end{array}$

③ Starting from the right side of the factors, count how many decimal places you have in both factors. $\begin{array}{r} 1.4 \\ \times 1.4 \\ \hline \end{array}$

④ Go down to the product. Start on the right and count over the amount of total decimal places and insert your decimal.

$$\begin{array}{r} .16 \\ \times .4 \\ \hline .064 \end{array}$$