

**Multiply.**  $9.3 \times 5.27$

**Step 1** Multiply as with whole numbers.

$$\begin{array}{r} \phantom{0}2\ 6 \\ \phantom{0}\phantom{0}2 \\ \phantom{0}527 \\ \times \phantom{0}93 \\ \hline 1,581 \\ + 47,430 \\ \hline 49,011 \end{array}$$

**Step 2** Add the number of decimal places in the factors to place the decimal point in the product.

$$\begin{array}{r} 5.27 \leftarrow \underline{2} \text{ decimal places} \\ \times 9.3 \leftarrow + \underline{1} \text{ decimal place} \\ \hline 1,581 \\ + 47,430 \\ \hline 49.011 \leftarrow \underline{3} \text{ decimal places} \end{array}$$

So,  $9.3 \times 5.27 = \underline{49.011}$ .

**Place the decimal point in the product.**

1. 
$$\begin{array}{r} 1.6 \\ \times 0.7 \\ \hline 112 \end{array}$$

2. 
$$\begin{array}{r} 14.2 \\ \times 7.6 \\ \hline 10792 \end{array}$$

3. 
$$\begin{array}{r} 3.59 \\ \times 4.8 \\ \hline 17232 \end{array}$$

**Find the product.**

4. 
$$\begin{array}{r} 5.7 \\ \times 0.8 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 35.1 \\ \times 8.4 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 2.19 \\ \times 6.3 \\ \hline \end{array}$$