

Name \_\_\_\_\_

**Review**  
**4**

## Multiplying with Decimals

Find  $4.3 \times 2.7$ .

<p><i>Multiply as you would with whole numbers.</i></p> $\begin{array}{r} 2 \\ 4.3 \\ \times 2.7 \\ \hline 301 \\ 860 \\ \hline 1161 \end{array}$	<p><i>Count the number of decimal places in both factors. The total is the number of decimal places in the product.</i></p> $\begin{array}{r} 4.3 \leftarrow 1 \text{ decimal place} \\ \times 2.7 \leftarrow + 1 \text{ decimal place} \\ \hline 11.61 \leftarrow 2 \text{ decimal places} \end{array}$
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Find each product.

1. 
$$\begin{array}{r} 14 \\ \times 8.8 \\ \hline 112 \\ 1120 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 1.6 \\ \times .9 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 0.4 \\ \times 3.2 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 0.05 \\ \times 0.3 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 2.15 \\ \times 8.3 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 3.3 \\ \times 0.12 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 0.51 \\ \times 4.2 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 1.35 \\ \times 13 \\ \hline \end{array}$$

9.  $23 \times 0.47 =$  \_\_\_\_\_

10.  $0.9 \times 5 =$  \_\_\_\_\_

11.  $168 \times 2.25 =$  \_\_\_\_\_

12.  $0.8 \times 0.11 =$  \_\_\_\_\_

13.  $20 \times 20.2 =$  \_\_\_\_\_

14.  $4.9 \times 0.3 =$  \_\_\_\_\_

15. A roll of paper towels contained 250 sheets. Each sheet was 8.75 inches long. How long was the roll? \_\_\_\_\_

16. Tania bought 3 new sweaters. Each sold for \$19.99. How much did she spend? \_\_\_\_\_