

Homework

Solve.

1. $0.3 \times 0.6 =$ _____

2. $0.4 \times 0.07 =$ _____

3. $0.03 \times 0.8 =$ _____

4. $5 \times 0.07 =$ _____

5. $0.02 \times 0.3 =$ _____

6. $0.05 \times 0.9 =$ _____

7.
$$\begin{array}{r} 1.8 \\ \times 6 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 0.23 \\ \times 40 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 0.14 \\ \times 0.9 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 0.36 \\ \times 0.8 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 1.4 \\ \times 0.5 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 0.32 \\ \times 51 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 0.6 \\ \times 0.14 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 2.6 \\ \times 0.9 \\ \hline \end{array}$$

Solve using mental math.

15. $82 \times 0.01 =$ _____

16. $385 \times 0.1 =$ _____

17. $2,194 \times 0.01 =$ _____

Solve.

18. Simon sold bottles of water at the marathon on Saturday for \$0.75 per bottle. He sold 43 bottles. How much money did he earn?

19. Lauren has 9.9 meters of ribbon. She is cutting it into 100 equal pieces. That is the same as multiplying 9.9 by 0.01. How long will each piece of ribbon be?

20. A furlong is a unit of measure used in horse racing. Every year, horses race 10 furlongs in the Kentucky Derby. One furlong is equal to 0.125 mile. How long is the Kentucky Derby in miles?

Remembering

Use the Distributive Property to rewrite each problem so it has only two factors. Then solve.

1. $(7 \times 200) + (7 \times 800) =$ _____

2. $(44 \times 3) + (56 \times 3) =$ _____

Multiply. Simplify first if you can.

3. $\frac{5}{8} \cdot \frac{6}{7} =$ _____

4. $\frac{1}{5} \cdot \frac{2}{9} =$ _____

5. $\frac{1}{2} \cdot \frac{4}{9} =$ _____

6. $\frac{2}{3} \cdot \frac{15}{16} =$ _____

7. $\frac{1}{8} \cdot \frac{6}{7} =$ _____

8. $\frac{9}{10} \cdot \frac{5}{6} =$ _____

Solve.

9.
$$\begin{array}{r} 0.7 \\ \times 6 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 0.02 \\ \times 60 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 0.15 \\ \times 34 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 0.41 \\ \times 66 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 1.24 \\ \times 6 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 260 \\ \times 0.3 \\ \hline \end{array}$$

15. **Stretch Your Thinking** Explain where to place the decimal point in the product for the expression $0.5 \cdot 0.03$.
