

Homework**Multiply.**

1.
$$\begin{array}{r} 397 \\ \times 9 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 723 \\ \times 7 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 4,188 \\ \times 3 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 4,294 \\ \times 4 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 67 \\ \times 82 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 56 \\ \times 49 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 36 \\ \times 29 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 87 \\ \times 71 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 28 \\ \times 27 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 37 \\ \times 54 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 63 \\ \times 91 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 73 \\ \times 35 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 46 \\ \times 83 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 57 \\ \times 75 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 94 \\ \times 47 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 66 \\ \times 86 \\ \hline \end{array}$$

Solve.

17. Jamal is building a bed for his dog. The dimensions of the bed are 27 inches by 36 inches. What is the area of the bottom of the bed?

18. Mr. Battle drives 9 miles to work every day. He works 5 days a week. How many miles does he travel to and from work over 52 weeks?

Remembering

Add or subtract.

$$\begin{array}{r} 1. \quad 3\frac{3}{4} \\ + 2\frac{1}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 4\frac{1}{5} \\ - 2\frac{3}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 5\frac{2}{5} \\ + 3\frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 6\frac{5}{6} \\ + 2\frac{5}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 10 \\ - 2\frac{3}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 3\frac{2}{5} \\ + 1\frac{1}{15} \\ \hline \end{array}$$

Find each product by first rewriting each mixed number as a fraction.

$$7. \quad \frac{2}{9} \cdot 2\frac{2}{3} = \underline{\hspace{2cm}}$$

$$8. \quad 1\frac{3}{5} \cdot 10 = \underline{\hspace{2cm}}$$

$$9. \quad 4\frac{1}{4} \cdot 1\frac{1}{3} = \underline{\hspace{2cm}}$$

$$10. \quad 2\frac{2}{5} \cdot \frac{3}{7} = \underline{\hspace{2cm}}$$

Solve. Use any method.

$$\begin{array}{r} 11. \quad 64 \\ \times 87 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 76 \\ \times 35 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 53 \\ \times 41 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 24 \\ \times 72 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 19 \\ \times 66 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 58 \\ \times 36 \\ \hline \end{array}$$

17. **Stretch Your Thinking** Explain how to use mental math to find the product of 64 and 25.
