

Homework**Solve.**

1.
$$\begin{array}{r} 4.8 \\ \times 100 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 2.9 \\ \times 0.3 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 0.56 \\ \times 20 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 0.69 \\ \times 0.7 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 2.6 \\ \times 3.4 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 3.8 \\ \times 0.5 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 1.5 \\ \times 4.9 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 3.4 \\ \times 1.6 \\ \hline \end{array}$$

Complete the equations.

9. $0.7 \times 10^1 = \underline{\hspace{2cm}}$

10. $0.98 \times 10^1 = \underline{\hspace{2cm}}$

11. $5.63 \times 10^1 = \underline{\hspace{2cm}}$

$0.7 \times 10^2 = \underline{\hspace{2cm}}$

$0.98 \times 10^2 = \underline{\hspace{2cm}}$

$5.63 \times 10^2 = \underline{\hspace{2cm}}$

$0.7 \times 10^3 = \underline{\hspace{2cm}}$

$0.98 \times 10^3 = \underline{\hspace{2cm}}$

$5.63 \times 10^3 = \underline{\hspace{2cm}}$

12. $3.7 \times 10^1 = \underline{\hspace{2cm}}$

13. $2.04 \times 10^1 = \underline{\hspace{2cm}}$

14. $0.42 \times \underline{\hspace{2cm}} = 4.2$

$3.7 \times 10^2 = \underline{\hspace{2cm}}$

$2.04 \times \underline{\hspace{2cm}} = 204$

$0.42 \times 10^2 = \underline{\hspace{2cm}}$

$3.7 \times \underline{\hspace{2cm}} = 3,700$

$2.04 \times 10^3 = \underline{\hspace{2cm}}$

$0.42 \times 10^3 = \underline{\hspace{2cm}}$

Solve.*Show your work.*

15. The Sunrise Café gets tea bags in boxes of 1,000. If the café charges \$1.75 for each cup of tea, and each cup of tea gets one tea bag, how much money does the café receive if they use a whole box of 1,000 teabags?
- _____

16. If a box of tea bags costs \$95, how much money does the café actually make after they have used up the box of tea and have paid for it?
- _____

Remembering

Add or subtract.

1. $10 - 3\frac{3}{4}$

2. $\frac{5}{8} + \frac{3}{8}$

3. $6\frac{4}{5} - 1\frac{1}{5}$

4. $2\frac{1}{3} + 5\frac{1}{3}$

5. $1\frac{2}{9} + 3\frac{5}{9}$

6. $5\frac{1}{2} - \frac{1}{2}$

Copy each exercise. Then add or subtract.

7. $0.67 + 0.42 = \underline{\hspace{2cm}}$

8. $7 - 3.2 = \underline{\hspace{2cm}}$

9. $7.8 - 0.8 = \underline{\hspace{2cm}}$

Solve.

10.
$$\begin{array}{r} 4.3 \\ \times 6.7 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 0.70 \\ \times 5.6 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 0.32 \\ \times 2.4 \\ \hline \end{array}$$

13. **Stretch Your Thinking** Complete the equation $8.9 \cdot \square = 8,900$ using a power of ten. Explain how the product will change if the exponent changes.
