

**Homework****Solve.**

1. 
$$\begin{array}{r} 4.2 \\ \times 8.1 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 9.4 \\ \times 6.3 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 0.78 \\ \times 4.7 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 0.05 \\ \times 3.7 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 0.3 \\ \times 1.52 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 0.80 \\ \times 3.8 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 7.1 \\ \times 4.5 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 2.4 \\ \times 0.64 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 0.06 \\ \times 5.7 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 9.9 \\ \times 6.6 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 8.1 \\ \times 5.7 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 0.07 \\ \times 24.3 \\ \hline \end{array}$$

**Complete. Name the property used.**

13.  $(4.3 \times 6.2) - (\text{_____} \times 1.1) = 4.3 \times (6.2 - 1.1)$   
\_\_\_\_\_

14.  $8.9 \times (5.3 \times 3.4) = (8.9 \times \text{_____}) \times 3.4$   
\_\_\_\_\_

**Solve.**15. Lester's car can go 15.4 miles on 1 gallon of gas. How far can he go on 0.7 gallon?  
  
\_\_\_\_\_16. Clara wants to cover the top of her jewelry box. The top of the box is a rectangle with a length of 9.4 cm and a width of 8.3 cm. What is the total area she wants to cover?  
  
\_\_\_\_\_

## Remembering

**Solve.** Explain how you know your answer is reasonable.

*Show your work.*

1. A rectangular sand box has a length of  $5\frac{1}{3}$  feet and a width of  $3\frac{3}{4}$  feet. What is its perimeter?

Answer: \_\_\_\_\_

Why is the answer reasonable?

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**Solve.**

*Show your work.*

2. Kelly babysits for  $5\frac{5}{6}$  hours on the weekend. This is  $2\frac{1}{12}$  hours more than she babysits during the week. How many hours does she babysit during the week?

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3. Lucas is making a recipe that requires  $\frac{1}{4}$  cup of wheat flour and  $1\frac{7}{8}$  cups of white flour. Altogether, how many cups of flour does the recipe require?

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**Solve.**

4.  $0.5 \times 0.4 =$  \_\_\_\_\_      5.  $0.6 \times 0.09 =$  \_\_\_\_\_      6.  $0.08 \times 0.3 =$  \_\_\_\_\_

7. 
$$\begin{array}{r} 1.7 \\ \times 8 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 0.55 \\ \times 50 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 0.07 \\ \times 0.7 \\ \hline \end{array}$$

10. **Stretch Your Thinking** Write a decimal equation that has a product of 3.15. (Do not use 1 as a factor.)

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