

Independent Practice

Multiply. Check for reasonableness.

3.
$$\begin{array}{r} 2.49 \\ \times 3 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 1.59 \\ \times 7 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 3.4 \\ \times 7 \\ \hline \end{array}$$

6. $2 \times 1.3 = \underline{\hspace{2cm}}$

7. $3 \times 0.5 = \underline{\hspace{2cm}}$

8. $1.8 \times 9 = \underline{\hspace{2cm}}$

9.
$$\begin{array}{r} 0.48 \\ \times 3 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 2.4 \\ \times 8 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 0.02 \\ \times 4 \\ \hline \end{array}$$

12. $0.66 \times 5 = \underline{\hspace{2cm}}$

13. $67 \times 4.3 = \underline{\hspace{2cm}}$

14. $52 \times 2.1 = \underline{\hspace{2cm}}$

Algebra Find each unknown.

15. $0.8 \times 9 = h$

16. $6 \times 0.05 = x$

17. $1.48 \times 7 = m$

$h = \underline{\hspace{2cm}}$

$x = \underline{\hspace{2cm}}$

$m = \underline{\hspace{2cm}}$



Problem Solving

18. Mr. Thomas' car can travel 17.6 miles per gallon of gas. If his gas tank holds 11 gallons, how far can he travel on a full tank of gas?

19. Tom and Sonia both mowed lawns last week. Tom mowed five lawns and charged \$10.75 per lawn. Sonia mowed four lawns but charged \$2.25 more per lawn than Tom. Who made the most money?

HOT Problems

20. **Mathematical PRACTICE 1** **Plan Your Solution** Write a multiplication problem in which the product has two decimal places.

21. **Mathematical PRACTICE 2** **Use Number Sense** Place the decimal point in the answer below to make it correct. Explain your reasoning.

$$498 \times 8.32 = 414336$$

22. **?** **Building on the Essential Question** How is multiplying a decimal by a whole number similar to and different from multiplying two whole numbers?

My Work!

