

Name \_\_\_\_\_

LESSON 1.1  
Practice and Homework

# Multiply by Multi-Digit Numbers

Go Online

Interactive Examples

Estimate. Then find the product using the method of your choice.

23. Estimate: 4,000

$$\begin{array}{r} 82 \\ \times 49 \\ \hline 738 \\ + 3,280 \\ \hline 4,018 \end{array}$$

24. Estimate: \_\_\_\_\_

$$\begin{array}{r} 8,792 \\ \times 68 \\ \hline \end{array}$$

25. Estimate: \_\_\_\_\_

$$\begin{array}{r} 1,537 \\ \times 242 \\ \hline \end{array}$$

26.  $523 \times 267$

27.  $15,309 \times 29$

28.  $612 \times 87$

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## Problem Solving



29. A company shipped 48 boxes of canned dog food. Each box contains 24 cans. How many cans of dog food did the company ship in all?

\_\_\_\_\_

30. There were 135 cars in a rally. Each driver paid a \$25 fee to participate in the rally. How much money did the drivers pay in all?

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31. **WRITE** *Math* Write a problem multiplying a 3-digit number by a 2-digit number. Show all the steps to solve it by using place value and regrouping and by using partial products.

## Lesson Check

- 32.** A chessboard has 64 squares. At a chess tournament 84 chessboards were used. How many squares are there on 84 chessboards?
- 33.** Last month, a manufacturing company shipped 452 boxes of ball bearings. Each box contains 48 ball bearings. How many ball bearings did the company ship last month?

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## Spiral Review

- 34.** What is the standard form of the number three hundred sixty thousand, five hundred twenty?
- 35.** Use compatible numbers to estimate  $55,948 \div 7$

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- 36.** Find the product.

$$\frac{1}{4} \times 120$$

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- 37.** A sporting goods store ordered 144 cans of tennis balls. Each can contains 3 balls. How many tennis balls did the store order?

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