



# Additional Practice 3-7

## Multiply Multi-Digit Numbers

### Another Look!

A sports store sells skateboards for \$112. Last month the store sold 45 skateboards. How much money did the store bring in from selling them?

$$\begin{array}{r} 1 \\ 112 \\ \times 45 \\ \hline 560 \\ + 4480 \\ \hline 5,040 \end{array}$$

The store brought in \$5,040 from selling skateboards.

The Standard Algorithm is always an effective method for multiplying two numbers.



For 1–12, find each product.

1.  $\begin{array}{r} 1206 \\ \times 15 \\ \hline \end{array}$

2.  $\begin{array}{r} 240 \\ \times 22 \\ \hline \end{array}$

3.  $\begin{array}{r} 654 \\ \times 45 \\ \hline \end{array}$

4.  $\begin{array}{r} 339 \\ \times 50 \\ \hline \end{array}$

5.  $\begin{array}{r} 423 \\ \times 18 \\ \hline \end{array}$

6.  $\begin{array}{r} 914 \\ \times 12 \\ \hline \end{array}$

7.  $\begin{array}{r} 125 \\ \times 15 \\ \hline \end{array}$

8.  $\begin{array}{r} 425 \\ \times 82 \\ \hline \end{array}$

9.  $\begin{array}{r} 185 \\ \times 24 \\ \hline \end{array}$

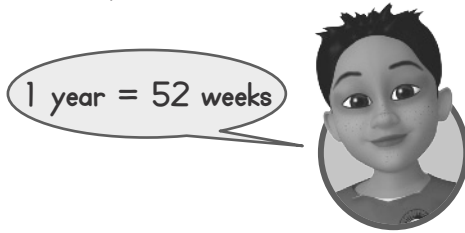
10.  $\begin{array}{r} 1,288 \\ \times 33 \\ \hline \end{array}$

11.  $\begin{array}{r} 6,301 \\ \times 47 \\ \hline \end{array}$

12.  $\begin{array}{r} 3,440 \\ \times 75 \\ \hline \end{array}$



13. Tomika plans to run 84 miles in 4 weeks. If she continues the pattern, how many miles will she run in 1 year? Explain.



14. Pete owns several pizza restaurants. He sells cheese pizzas for \$12 each. How much money was made in January at the Westland location?

Cheese Pizza Sales for January	
Location	Number Sold
Downtown	1,356
Center City	998
Westland	1,824

15. How many more pizzas did the Downtown location sell than the Center City location? Write an equation to show your work.

16. **Make Sense and Persevere**  
How many more pizzas does the Westland location need to sell to equal the total number of pizzas sold by the Downtown and Center City locations? Explain your work.

17. **Higher Order Thinking** A farmer grows 128 red tomato plants and 102 yellow tomato plants. Each plant produces about 32 tomatoes. The farmer plans to sell each tomato for \$2. Explain how to find a reasonable estimate for the total amount of money the farmer will earn if she sells all of the tomatoes.

### Assessment Practice

18. The product of the following expression is 15,688.

$$\begin{array}{r} 212 \\ \times \square 4 \\ \hline \end{array}$$

What is the missing digit?

- (A) 0
- (B) 1
- (C) 4
- (D) 7

19. The product of the following expression is 22,718.

$$\begin{array}{r} \square 14 \\ \times 37 \\ \hline \end{array}$$

What is the missing digit?

- (A) 1
- (B) 4
- (C) 6
- (D) 7