

**Ready® Mathematics****Lesson 5 Quiz****Solve the problems.**

- 1** A grocery store has 184 shelves for bottled goods. Each shelf can hold 27 bottles. How many bottles will the shelves hold in all?

**Show your work.**

**Answer:** \_\_\_\_\_ bottles

- 2** Which expressions are equivalent to  $647 \times 39$ ?

Circle all the correct answers.

- A**  $6(30 + 9) + 4(30 + 9) + 7(30 + 9)$   
**B**  $600(30 + 9) + 40(30 + 9) + 7(30 + 9)$   
**C**  $(647 \times 3) + (647 \times 9)$   
**D**  $(600 \times 30) + (600 \times 9) + (40 \times 30) + (40 \times 9) + (7 \times 30) + (7 \times 9)$   
**E**  $(6 \times 30) + (6 \times 9) + (4 \times 30) + (4 \times 9) + (7 \times 30) + (7 \times 9)$

- 3** Write a number on each blank to complete two different multiplication problems.

$$\begin{array}{r} 814 \\ \times 4 \underline{\quad} \\ 3 \underline{\quad} \underline{\quad} \underline{\quad} 8 \end{array}$$

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**Lesson 5 Quiz continued**

- 4** Jannelle can drive an average of 295 miles on one tank of gas. How many miles can she drive on 16 tanks of gas?

**Part A**

Sarah creates an area model to solve the problem.

Write a number on each blank to complete the area model.

Use the numbers in the box.

10	1	30	50	2,000	900
90	540	300	200	5,400	5

	200	90	_____
_____	_____	_____	50
6	1,200	_____	_____

**Part B**

How many miles can Jannelle drive on 16 tanks of gas?

**Show your work.**

**Answer:** \_\_\_\_\_ miles

