LESSON 8.2
**More Practice/
Homework**

ONLINE
Video Tutorials and
Interactive Examples

Represent Multiplication of Whole Numbers by Fractions

1 (MP) **Critique Reasoning** Barbara picked 36 apples. She needs to put $\frac{2}{9}$ of the apples in a basket. Barbara says she will put 12 apples in the basket. Is Barbara correct? Explain.
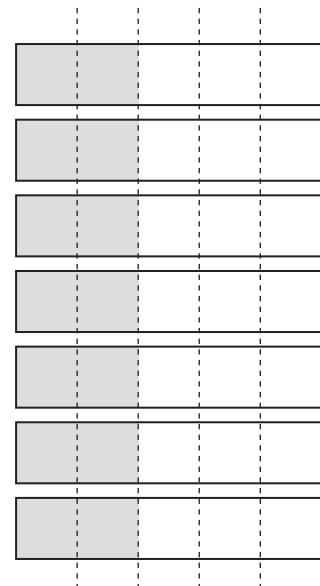
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Draw a visual model to find the product.

2 $\frac{2}{5} \times 10 =$ _____

3 **Open Ended** Write a story context for the equation shown.

$$\frac{3}{7} \times 28 = 12$$

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_____

_____

4 (MP) **Reason** Tarique drew a visual model to show the product $\frac{2}{5} \times 7$. How could you change the visual model to show the product $\frac{28}{5}$? Explain and write an equation.

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Test Prep

5 A store has a display of 42 bottles. Four-sevenths of the bottles are green. How many of the bottles in the display are green?

- (A) 6
- (B) 18
- (C) 24
- (D) 28

6 Which is the product $\frac{2}{3} \times 45$?

- (A) 15
- (B) 30
- (C) 68
- (D) 90

7 What is the product $\frac{3}{5} \times 60$?

_____

8 Nina makes 60 slices of pizza for a party. At the party, $\frac{7}{12}$ of the slices are eaten. How many slices are left?

_____

9 Mr. Johnson spent $24 on groceries. He used $\frac{5}{8}$ of the money to buy fruits and vegetables. How much money did Mr. Johnson spend on fruits and vegetables?

_____

Spiral Review

10 Add or subtract.

$\frac{2}{3} + \frac{3}{9}$ _____

$\frac{7}{12} - \frac{1}{6}$ _____

11 Divide. Use partial quotients.

$824 \div 22$ _____

$1,488 \div 12$ _____