Name

## Practice and Homework Lesson 7.3

## **Fraction and Whole Number Multiplication**

COMMON CORE STANDARD—5.NF.B.4a

Apply and extend previous understandings of multiplication and division to multiply and divide fractions.

Find the product. Write the product in simplest form.

1. 
$$4 \times \frac{5}{8} = \frac{2\frac{1}{2}}{4 \times \frac{5}{8} = \frac{20}{8}}$$

 $\frac{20}{8} = 2\frac{4}{8}$ , or  $2\frac{1}{2}$ 

$$\frac{5}{8} = \frac{2\frac{1}{2}}{20}$$
 **2.**  $\frac{2}{9} \times 3 = \frac{2}{2}$ 

3. 
$$\frac{4}{5} \times 10 =$$

**4.** 
$$\frac{3}{4} \times 9 =$$
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**5.** 
$$8 \times \frac{5}{6} =$$
 \_\_\_\_\_

**6.** 
$$7 \times \frac{1}{2} =$$
 \_\_\_\_\_

7. 
$$\frac{2}{5} \times 6 =$$
 \_\_\_\_\_

**8.** 
$$9 \times \frac{2}{3} =$$
 \_\_\_\_\_

**9.** 
$$\frac{3}{10} \times 9 =$$

## **Problem Solving**



- **10.** Leah makes aprons to sell at a craft fair. She needs  $\frac{3}{4}$  yard of material to make each apron. How much material does Leah need to make 6 aprons?
- **11.** The gas tank of Mr. Tanaka's car holds 15 gallons of gas. He used  $\frac{2}{3}$  of a tank of gas last week. How many gallons of gas did Mr. Tanaka use?

**12. WRITE** Math Write a word problem that can be solved by multiplying a whole number and a fraction. Include the solution.