

Name \_\_\_\_\_

Multiply Fractions and Whole Numbers



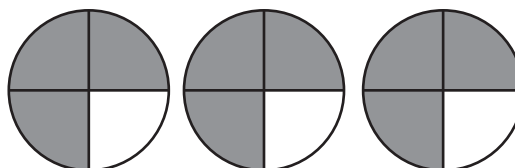
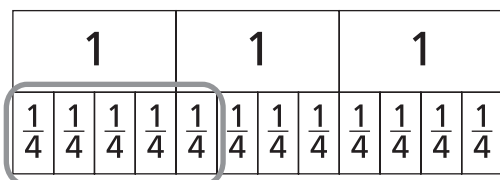
COMMON CORE STANDARD—5.NF.B.4a

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

Use the model to find the product.

1.  $\frac{5}{12} \times 3 =$                        
 $\frac{5}{4}$ , or  $1\frac{1}{4}$

2.  $3 \times \frac{3}{4} =$                      



Find the product.

3.  $\frac{2}{5} \times 5 =$  \_\_\_\_\_

4.  $7 \times \frac{2}{3} =$  \_\_\_\_\_

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

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

7.  $\frac{5}{12} \times 6 =$  \_\_\_\_\_

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

Problem Solving



9. Jody has a 5-pound bag of potatoes. She uses  $\frac{4}{5}$  of the bag to make potato salad. How many pounds of potatoes does Jody use for the potato salad?

10. Lucas lives  $\frac{5}{8}$  mile from school. Kenny lives twice as far as Lucas from school. How many miles does Kenny live from school?

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11. **WRITE** *Math* Explain how to use models to find  $3 \times \frac{3}{4}$  and  $\frac{3}{4} \times 3$ . Include a picture of each model.

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