

Name _____

Multiply Fractions and Whole Numbers

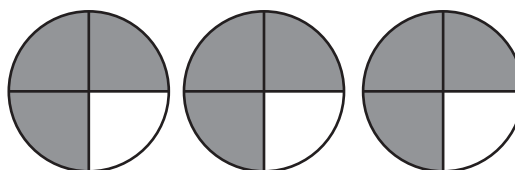
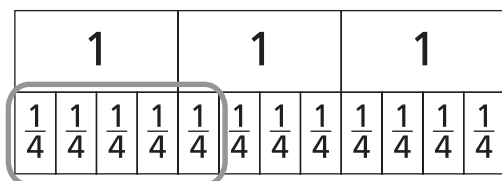


COMMON CORE STANDARD—5.NF.B.4a
Apply and extend previous understandings of multiplication and division to multiply and divide fractions.

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?

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.
