Lesson **10-4** • **Reinforce Understanding**

Multiply a Fraction by a Fraction

Name _____

Review

We can multiply the numerators and multiply the denominators to find the product of two fractions.

Consider $\frac{3}{5} \times \frac{4}{7}$.

Multiply 3 times 4 to find the numerator.

Multiply 5 times 7 to find the denominator.

$$\frac{3}{5} \times \frac{4}{7} = \frac{3 \times 4}{5 \times 7}$$

As a result, $\frac{3}{5} \times \frac{4}{7} = \frac{12}{35}$.

What is the product?

1. $\frac{2}{9} \times \frac{5}{11} =$ _____

2. $\frac{4}{7} \times \frac{4}{9} =$ _____

3. $\frac{3}{4} \times \frac{2}{5} =$ _____

4. $\frac{2}{11} \times \frac{1}{3} =$ _____

5. $\frac{8}{9} \times \frac{3}{4} =$ _____

6. $\frac{4}{9} \times \frac{4}{9} =$ _____

7. $\frac{3}{5} \times \frac{7}{10} =$ _____

8. $\frac{5}{6} \times \frac{3}{8} =$ _____

LIVEWORKSHEETS