

# 3.5

## Fraction Multiplication: Problem Type 1

### • Example 1

Multiply.

$$\frac{1}{6} \times \frac{1}{5} = \frac{1 \times 1}{6 \times 5} = \frac{1}{30}$$

### • • • CHECK YOURSELF 1

Multiply.

a.  $\frac{1}{3} \times \frac{1}{7}$

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### • Example 2

Multiply.

$$\frac{1}{2} \times \frac{1}{8} = \frac{1 \times 1}{2 \times 8} = \frac{1}{16}$$

### • • • CHECK YOURSELF 2

Multiply.

$$\frac{1}{7} \times \frac{1}{10}$$

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### • • • CHECK YOURSELF ANSWERS

1.  $\frac{1}{21}$ .    2.  $\frac{1}{70}$ .

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# 3.5 Exercises

Name \_\_\_\_\_

Section \_\_\_\_\_

Date \_\_\_\_\_

## A N S W E R S

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_

Multiply.

1.  $\frac{1}{4} \times \frac{1}{11}$

2.  $\frac{1}{7} \times \frac{1}{9}$

3.  $\frac{1}{4} \times \frac{1}{5}$

4.  $\frac{1}{3} \times \frac{1}{5}$

5.  $\frac{1}{5} \times \frac{1}{7}$

6.  $\frac{1}{11} \times \frac{1}{6}$

7.  $\frac{1}{13} \times \frac{1}{3}$

8.  $\frac{1}{9} \times \frac{1}{11}$

9.  $\frac{1}{8} \times \frac{1}{9}$

10.  $\frac{1}{9} \times \frac{1}{5}$

11.  $\frac{1}{10} \times \frac{1}{9}$

12.  $\frac{1}{21} \times \frac{1}{2}$

13.  $\frac{1}{8} \times \frac{1}{5}$

14.  $\frac{1}{13} \times \frac{1}{5}$

15.  $\frac{1}{12} \times \frac{1}{4}$