

2.5

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

• Example 2

Multiply.

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

• • • CHECK YOURSELF 2

Multiply.

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

• • • CHECK YOURSELF ANSWERS

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

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