

Unit 3: Multiplying and Dividing Fractions

CONCEPT

Name: _____ Date: _____

Solve each problem. Write fractions like $\frac{3}{4}$ and give each answer in simplest form.

1. Multiply: $\frac{1}{2} \times \frac{1}{3}$

Answer: _____

2. Multiply: $\frac{1}{4} \times \frac{1}{2}$

Answer: _____

3. Multiply: $\frac{2}{3} \times \frac{1}{5}$

Answer: _____

4. Multiply: $\frac{3}{4} \times \frac{1}{2}$

Answer: _____

5. Multiply: $\frac{2}{5} \times \frac{3}{4}$. Give your answer in simplest form.

Answer: _____

6. Multiply: $\frac{1}{3} \times \frac{3}{5}$. Give your answer in simplest form.

Answer: _____

7. Divide the whole number by the unit fraction: $4 \div \frac{1}{2}$

Answer: _____

8. Divide the whole number by the unit fraction: $3 \div \frac{1}{4}$

Answer: _____

9. Divide the whole number by the unit fraction: $6 \div \frac{1}{3}$

Answer: _____

10. Divide the unit fraction by the whole number: $\frac{1}{2} \div 4$

Answer: _____

11. Divide the unit fraction by the whole number: $\frac{1}{3} \div 2$

Answer: _____

12. Divide the unit fraction by the whole number: $\frac{1}{5} \div 3$

Answer: _____