

Lesson 38: Quiz 1 - Dividing Fractions

Solve the following problems by dividing fractions.

Directions: **Divide** these fractions. **Reduce** the answers to **lowest terms**, if possible.

Steps to follow when dividing fractions:

- 1) **Invert** (turn upside down) the number on the right.
- 2) Change the sign of the problem to **x** (multiply).
- 3) Then, **multiply** as usual.
- 4) If necessary, **reduce** the answer to lowest terms, (the same as you did in other fraction problems)

Example: $\frac{2}{5} \div \frac{2}{3} =$

$$\frac{2}{5} \div \frac{3}{2} =$$

$$\frac{2}{5} \times \frac{3}{2} = \frac{6}{10} = \frac{3}{5} \quad \text{in lowest terms.}$$

We would record our answer as **3/5**.

1. $\frac{1}{6} \div \frac{1}{5} =$

Answer: _____

2. $\frac{1}{7} \div \frac{3}{4} =$

Answer: _____

3. $\frac{2}{5} \div \frac{2}{3} =$

Answer: _____

4. $\frac{1}{3} \div \frac{5}{9} =$

Answer: _____

5. $\frac{1}{8} \div \frac{3}{4} =$

Answer: _____

6. $\frac{5}{12} \div \frac{1}{2} =$

Answer: _____

7. $\frac{3}{10} \div \frac{3}{5} =$

Answer: _____