

# Lesson 12d: Divide Fractions

**Objective: Use the reciprocal to divide fractions**

Complete in your journal.

**Warm-up:** Math Minute

## Learn About It:

1. Reciprocal – is the opposite of the fraction Example:  $\frac{4}{3}$  is the reciprocal of  $\frac{3}{4}$
2. The product of a fraction and its reciprocal is always 1.

Example:  $\frac{3}{4} \times \frac{4}{3} = \frac{12}{12} = 1$

3. To divide a fraction, just multiply by the reciprocal of the divisor.

Dividing fractions ppt

## Practice 12.5

### Homework: 12.5

### App of the Day:

Itooch –

- Fractions
- #19
- #20

that quiz math –

- Fractions
- Arithmetic –
  - Division
  - Fractions
  - Lowest terms
  - Length – 20

$$\frac{3}{4} \div \frac{5}{8} =$$
$$\frac{3}{4} \times \frac{8}{5} = \frac{24}{20} = 1\frac{4}{20} = 1\frac{1}{5}$$

or

$$1 \frac{3}{4} \times \frac{8^2}{5} = \frac{6}{5} = 1\frac{1}{5}$$

