

# Fraction Operations



## Adding Fractions

$$\frac{2}{5} + \frac{1}{3} = \frac{6}{15} + \frac{5}{15} = \frac{11}{15}$$

Find equivalent fractions with a common denominator  
Add the numerators

## Subtracting Fractions

$$\frac{7}{8} - \frac{2}{3} = \frac{21}{24} - \frac{16}{24} = \frac{5}{24}$$

Find equivalent fractions with a common denominator  
Subtract the numerators



## Multiplying Fractions

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

Multiply the numerators, multiply the denominators

## Dividing Fractions

$$\frac{2}{7} \div \frac{3}{4} = \frac{2}{7} \times \frac{4}{3} = \frac{8}{21}$$

Multiply the first fraction by the reciprocal of  
the second fraction

