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
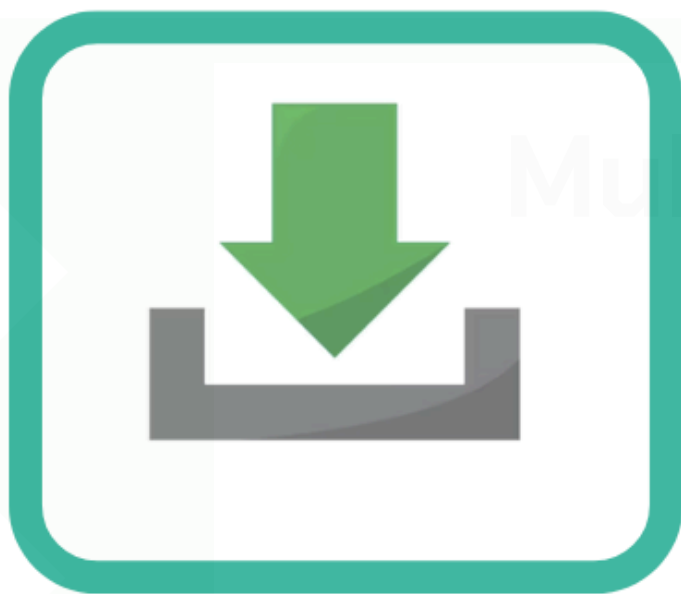Add the numerators

Subtracting Fractions

$$\frac{7}{8}$$

Find equivalent fractions with a common denominator
Subtract the numerators

Multiplying Fractions

$$\frac{3}{5}$$

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