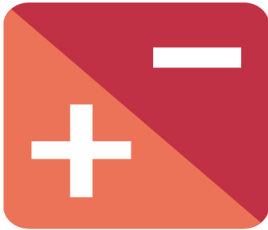


FRACTION OPERATIONS



Add or Subtract “+ or - “ with common denominators

$$\frac{1}{4} + \frac{2}{4} = \frac{3}{4} \quad \text{or} \quad \frac{2}{3} + \frac{5}{3} = \frac{7}{3}$$

Add (or subtract) the numerators, denominator stays the same, simplify, if possible.



Add or Subtract “+ or - “ with different denominators

$$\frac{1}{3} + \frac{1}{4} = \frac{4}{12} + \frac{3}{12} = \frac{7}{12}$$

Change to equivalent fractions with common denominators, then add (or subtract).



Multiplying fractions

$$\frac{2}{3} \times \frac{5}{6} = \frac{10}{18} = \frac{5}{9}$$

Multiply the numerators, multiply the denominators, then simplify



Dividing fractions

$$\frac{2}{5} \div \frac{1}{2} = \frac{2}{5} \times \frac{2}{1} = \frac{4}{5}$$

Change the problem to multiplication by inverting the second fraction, then multiply