

## Adding "related" fractions

- the denominator of one fraction is a multiple of the denominator of the other fraction.

$$\frac{2}{3} + \frac{1}{6} =$$

- Find an equivalent fraction so both denominators are the same.

$$\frac{2 \times 2}{3 \times 2} = \frac{4}{6}$$

so  $\frac{4}{6} + \frac{1}{6} = \frac{5}{6}$

- add the "like" fractions

## Subtracting "like" fractions

$$\frac{6}{12} - \frac{1}{12} = \frac{5}{12}$$

- subtract the numerators

- denominator stays the same

## Subtracting "related" fractions

$$\frac{7}{8} - \frac{1}{2} =$$

- Find an equivalent fraction so that both denominators are the same.

$$\frac{1 \times 4}{2 \times 4} = \frac{4}{8}$$

- subtract the "like" fractions

so

$$\frac{7}{8} - \frac{4}{8} = \frac{3}{8}$$