

# Adding & Subtracting Fractions

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## 3 Steps

- ① Make sure denominators are the same
- ② +/- numerators and put it over the denominator
- ③ Simplify if possible.

Ex 1.

$$\frac{1}{4} + \frac{1}{4}$$

$$= \frac{2}{4}$$

$$= \boxed{\frac{1}{2}}$$

Ex 2 .  $2 \times \left( \frac{1}{3} \right) - \frac{1}{6}$

$$\frac{2}{6} - \frac{1}{6}$$

$$\boxed{\frac{1}{6}}$$

If given a mixed fraction, you need to convert to an improper fraction first.

$$5 \times \left( \frac{3}{6} \right) - \left( \frac{2}{5} \right) \times 6$$

$$\frac{15}{30} - \frac{12}{30} = \boxed{\frac{-3}{30}}$$