

## ② Cross Multiply

$(3 \times 3 = 9)$   $\frac{3}{5}$   $\frac{2}{3}$   $(10 = 2 \times 5)$

↓  $9$       ↙ ↘      ↓  $10$

⊙

multiply the numerator by the opposite denominator

- Write the product by the numerator
- Compare products.

## Simplest form

a term used when there is no common factor that can divide both the numerator and the denominator of a fraction

$$\frac{8}{12}$$

Factors for 8:

1, 8, 2, ④

Factors for 12:

1, 12, 3, ④, 6, 2

$$\text{GCF} = 4$$

- Write down the factors for the numerator and denominator
- Identify the greatest common factor (GCF)
- Divide both the numerator and denominator by the GCF

$$\frac{8}{12} \xrightarrow{\div 4} \frac{2}{3}$$

These are also equivalent fractions.

## Adding "like" fractions (same denominator)

$$\frac{1}{5} + \frac{2}{5} = \frac{3}{5}$$

- add the numerators
- denominator stays the same