

Common Denominators

Example:

$$\frac{1}{2} \text{ and } \frac{2}{3} \longrightarrow ?$$

Smallest number divisible by both 2 and 3, is 6.

So, 6 is the **common denominator**.

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

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

$$\text{So, } \frac{1}{2} \text{ and } \frac{2}{3} \longrightarrow \frac{3}{6} \text{ and } \frac{4}{6}$$

Do all the calculations on paper, write here only the answer.

$$\frac{2}{3} \text{ and } \frac{7}{12} \longrightarrow \underline{\hspace{2cm}} \text{ and } \underline{\hspace{2cm}}$$