FRACTIONS

Simple FRACTIONS

The top part of a fraction is called the **NUMERATOR** and the bottom part of a fraction is called the **DENOMINATOR**.

WORKED EXAMPLES

1. $\dfrac{1}{3}$ of $18 = 18 \div 3 = 6$

2. Find ¾ of 176

$\dfrac{1}{4}$ of $176 = 176 \div 4 = 44$

$\dfrac{3}{4}$ of $176 = 44 \times 3 = 132$

ADDING fractions	**SUBTRACTING fractions**

ALWAYS REMEMBER: Whatever you do to the **DENOMINATOR**, you must also do to the **NUMERATOR**! (and vice versa)

WORKED EXAMPLE

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

CONVERT the fractions to a COMMON **DENOMINATOR**

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

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

$$= \frac{5}{6}$$

WORKED EXAMPLE

$$\frac{2}{5} - \frac{1}{4}$$

CONVERT the fractions to a COMMON **DENOMINATOR**

$$= \frac{8}{20} - \frac{5}{20}$$

$$= \frac{8 - 5}{20}$$

$$= \frac{3}{20}$$