



Eleven Plus Maths How To Do - Finding a Percentage of an amount

Example: Find 40% of £360.

- (i) Write the percentage as a fraction

$$40\% = \frac{40}{100}$$

- (ii) Now find $\frac{40}{100}$ of £360

$$= \frac{40}{100} \times \frac{360}{1}$$

$$= \text{£}144$$

Example: Find 25% of 2kg.

- (i) Write 25% as a fraction $\frac{25}{100}$

- (ii) Change 2kg in to grams. 2kg = 2000g

- (iii) Now find $\frac{25}{100} \times \frac{2000}{1}$

$$= 500\text{g}$$

Example: A shopkeeper buys a table for £200 and sells it at a profit of 10%. What is the price he sells it for?

- (i) Find 10% of £200 $\frac{10}{100} \times \frac{200}{1} = \text{£}20$

- (ii) Selling price is cost price + profit
= £200 + £20
= £220.