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

Example: Find 40% of £360.

(i)   Write the percentage as a fraction

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

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

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

$= £144$

Example: Find 25% of 2kg.

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

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

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

$= 500g$

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 $\dfrac{10}{100} \times \dfrac{200}{1} = £20$

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