

3.4 USING CONCENTRATIONS OF SOLUTIONS IN MOL/DM³ (chemistry only) (higher tier)

Can be measured in moles per unit volume

Describes the number of moles of a substance in a certain volume of a solution

When the volumes of two reacting solutions are known and the concentration of one solution is known, calculate the concentration of the other solution

Units of concentration:
mol/dm³

Calculations

Need to know ratio of moles reacting

$$\text{Concentration} = \frac{\text{Moles}}{\text{Volume}}$$

Where volume is measured in dm³

AQA

