

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

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

Can be measured in moles per unit volume

Units of concentration:
mol/dm³

Calculations

Need to know ratio of moles reacting

Concentration = Moles/Volume

Where volume is measured in dm³