



## Molarity Problems

### FORMULAS:

$$\text{Molarity: } M = \frac{\text{moles of solute}}{\text{litres of solution}} \quad (M = \frac{n}{V})$$

$$\text{Dilution problems: } M_1V_1 = M_2V_2$$

$$\text{Moles} = \text{mass} \times \frac{1}{M} \quad \text{Volume} = \frac{\text{moles of solute}}{M}$$