

# Chapter 4

## Concentration of Solution

Molarity

$$\text{Molarity} = \frac{\text{moles of solute}}{\text{liters of solution}}$$
$$M = \frac{n}{V}$$

Dilution of Solution

$$M_1 V_1 = M_2 V_2$$

قبل التخفيف      بعد التخفيف

Ion Concentration in solution from molarity

Multiplying the molarity by the number of ions present