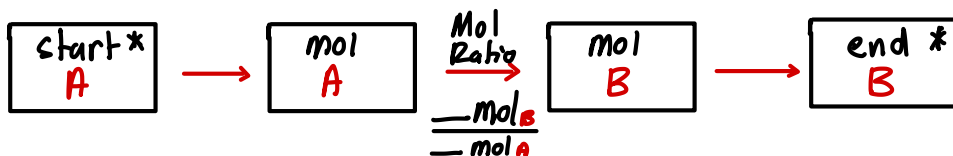


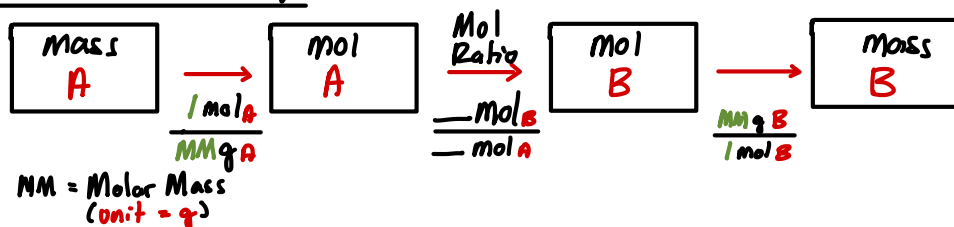
Stoichiometry Equation Sheet

general template



* Start and End can be:
mass (g), # particles (N_A),
volume (L), heat (J),
or concentration (Molarity)

Mass stoichiometry



Single Conversions

STEP 1

$$\text{mass A} \rightarrow \text{mol A}$$

$$\frac{1 \text{ mol A}}{\text{MM g A}}$$

STEP 2

$$\text{mol A} \rightarrow \text{mol B}$$

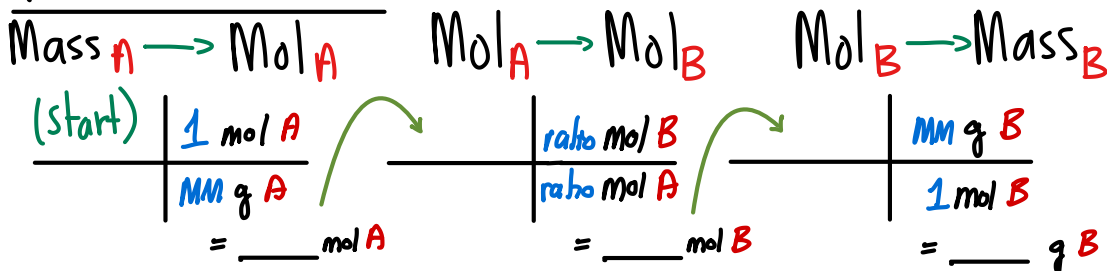
$$\frac{\text{ratio mol B}}{\text{ratio mol A}}$$

STEP 3

$$\text{mol B} \rightarrow \text{mass B}$$

$$\frac{\text{MM g B}}{1 \text{ mol B}}$$

T-charts w/ conversions



MM = Molar Mass (g/mol)

ratio = $\frac{\text{Coefficients from bal. eqn}}{\text{large \# in eqn}}$