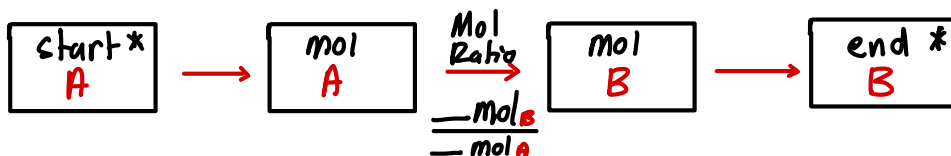


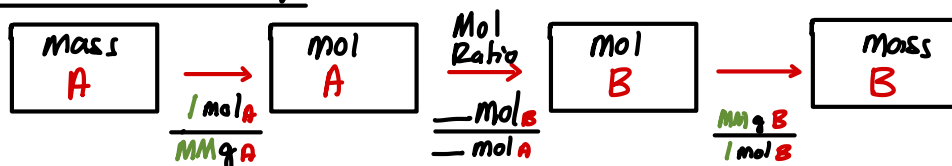
Stoichiometry Equation Sheet

general template



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

Mass stoichiometry



MM = Molar Mass
 (unit = g)

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

$\frac{1 \text{ mol A}}{\text{MM g A}}$	↘	$\frac{\text{ratio mol B}}{\text{ratio mol A}}$	↘	$\frac{\text{MM g B}}{1 \text{ mol B}}$
= ____ mol A		= ____ mol B		= ____ g B