

STOIC BASIC DIRECTIONS:

1. Write each equation and balance it in your Chemistry Notebook.
2. Then select the correct coefficients from the drop box.
3. Lastly, identify at least 3 mole ratios of the atoms or compounds in each reaction.

Equation 1: $\text{NaN}_3 \rightarrow \text{Na} + \text{N}_2$	Mole Ratio
Equation 2: $\text{Na} + \text{KNO}_3 \rightarrow \text{K}_2\text{O} + \text{Na}_2\text{O} + \text{N}_2$	Mole Ratio
Equation 3: $\text{K}_2\text{O} + \text{Na}_2\text{O} + \text{SiO}_2 \rightarrow \text{Na}_2\text{K}_2\text{SiO}_4$ (alkaline silicate glass)	Mole Ratio

