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: $NaN_3 \rightarrow Na + N_2$	Mole Ratio
Equation 2: $Na + KNO_3 \rightarrow K_2O + Na_2O + N_2$	Mole Ratio
Equation 3: $K_2O + Na_2O + SiO_2 \rightarrow Na_2K_2SiO_4$ (alkaline silicate glass)	Mole Ratio