

Name: _____ Date: _____ Per: _____

Creating & Balancing Equations #1

Instructions: Use the poker chip or molecular model set as a representation of elements, atoms and molecules to create and balance the following equations.

Balance the equation: $\underline{\hspace{1cm}} \text{H}_2 + \text{O}_2 \rightarrow \underline{\hspace{1cm}} \text{H}_2\text{O}$	Balance the equation: $\text{H}_2 + \text{Cl}_2 \rightarrow \underline{\hspace{1cm}} \text{HCl}$
Draw a Diagram of the balanced equation: 	Draw a Diagram of the balanced equation:

Balance the equation: $\underline{\hspace{1cm}} \text{Na} + \underline{\hspace{1cm}} \text{Cl}_2 \rightarrow \underline{\hspace{1cm}} \text{NaCl}$	Balance the equation: $\underline{\hspace{1cm}} \text{CO} + \text{O}_2 \rightarrow \underline{\hspace{1cm}} \text{CO}_2$
Draw a Diagram of the balanced equation: 	Draw a Diagram of the balanced equation:

Balance the equation: $\underline{\hspace{1cm}} \text{Al} + \underline{\hspace{1cm}} \text{O}_2 \rightarrow \underline{\hspace{1cm}} \text{Al}_2\text{O}_3$	Balance the equation: $\underline{\hspace{1cm}} \text{Au} + \underline{\hspace{1cm}} \text{Br}_2 \rightarrow \underline{\hspace{1cm}} \text{AuBr}_3$
Draw a Diagram of the balanced equation: 	Draw a Diagram of the balanced equation: