| Name: |
|-----------------------------------------------------------------------------------------------------------|
| Balancing Equations Notetaker |
| Law of Conservation of Mass: |
| |
| Because of the Law of Conservation of Mass an equation must be balanced and have the same number of atoms |
| Reactants: |
| Products: |
| Reactant + Reactant = Product |
| Let's try one! |
| Mg + O ₂ > MgO |
| |
| |
| |
| Balancing Equations an Easier Way! |
| Step 1: Write the formula |
| Step 2: List the atoms involved on each side |
| Step 3: Start balancing |

Step 4: Adjust totals until everything is balanced

Name:_____

Try Balancing the equations below!

[2]
$$CH_4 + O_2 \longrightarrow CO_2 + H_2O$$

[3] Li + HNO₃
$$\rightarrow$$
 LiNO₃ + H₂

[4] Al
$$+ O_2 \longrightarrow Al_2O_3$$