## Worksheet 8:

Name the Type of Reaction

**ANSWERS** 

1. 
$$2MgO \rightarrow 2Mg + O_2$$

Name of Reaction: Decomposition

2. 
$$2Li + Cl_2 \rightarrow 2LiCl$$

Name of Reaction: Synthesis

3. 
$$2Al + 6HNO_3 \rightarrow 2Al(NO_3)_3 + 3H_2$$

Name of Reaction: Single Replacement

4. 
$$2C_2H_6$$
 +  $7O_2 \rightarrow 4CO_2$  +  $6H_2O$ 

Name of Reaction: Combustion

5. 
$$BaCl_2 + K_2SO_4 \rightarrow BaSO_4 + 2KCl$$

Name of Reaction: Double Replacement

6. 
$$Br_2 + 2 KI \rightarrow 2 KBr + I_2$$

Name of Reaction: Single Replacement

7. 
$$2 Na + F_2 \rightarrow 2 Na F$$

Name of Reaction: Synthesis

8. 
$$2\,NH_4Cl + Ca\,(NO_3)_2 \rightarrow 2\,NH_4\,NO_3 + CaCl_2$$

Name of Reaction: \_\_\_\_\_\_Double Replacement

9. 
$$2K_3N \to 6K + N_2$$

Name of Reaction: <u>Decomposition</u>

10. 
$$CH_4 + 2O_2 \rightarrow CO_2 + 2H_2O$$

Name of Reaction: <u>Combustion</u>