Worksheet 8: Name the Type of Reaction

Name:_____

For the following reactions, name each by choosing one of the five reaction types: Synthesis, Decomposition, Single Replacement, Double Replacement, Combustion

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

Name of Reaction:

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

Name of Reaction:

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

Name of Reaction:

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

Name of Reaction:

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

Name of Reaction:

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

Name of Reaction:

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

Name of Reaction:

8.
$$2NH_4Cl + Ca(NO_3)_2 \rightarrow 2NH_4NO_3 + CaCl_2$$

Name of Reaction:

9.
$$2\,K_3\,N \rightarrow \,6\,K + \,N_2$$

Name of Reaction:

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

Name of Reaction: