Worksheet 14: Predicting Products and Balancing

Name:

Name the type of reaction: Synthesis, Decomposition, or Single Replacement. **Predict** the products of the following reactions. **Be careful** to write the formulas of the products correctly. **Balance** the chemical equation.

1)	KBr	\rightarrow
1)	IXDI	,

Name of Reaction:

$$2)$$
 $Zn + _O_2 \rightarrow$

Name of Reaction:

$$3)$$
 ___ $Ca +$ ___ $AgCl \rightarrow$

Name of Reaction:

4)
$$_$$
 NaBr + $_$ Cl₂ \rightarrow

Name of Reaction:

5) ___
$$Li + _{--} P_4 \rightarrow$$

Name of Reaction:

6) ___
$$Al_2O_3 \rightarrow$$

Name of Reaction:

7)
$$_$$
 $Al + _$ $Ba(OH)_2 \rightarrow$

Name of Reaction:

8) ___
$$Na_2S \rightarrow$$

Name of Reaction:

9)
$$_$$
 $MgCl_2 \rightarrow$

Name of Reaction:

10) ___
$$H_2 + _{__} I_2 \rightarrow$$

Name of Reaction: