## **Types of Chemical Reactions Worksheet 3**

Balance the equations and mention the type of chemical reaction involved.

1) \_\_ Mg + \_\_O<sub>2</sub> 
$$\rightarrow$$
 \_\_ MgO

2) 
$$\_CF_4 + \_\_Br_2 \rightarrow \_\_CBr_4 + \_\_F_2$$

3) 
$$\_MgCl_2 + \_Li_2O_3 \rightarrow \_MgCO_3 + \_LiCl$$

4) 
$$\_Zn + \_CuSO_4 \rightarrow \_ZnSO_4 + \_Cu$$

5) 
$$\_CuCl \rightarrow \_Cu + \_Cl_2$$

7) \_\_FeCl<sub>2</sub> + \_\_Cl<sub>2</sub> 
$$\rightarrow$$
 \_\_FeCl<sub>3</sub>

8) 
$$\_$$
BaCl<sub>2</sub> +  $\_$ Na<sub>2</sub>SO<sub>4</sub>  $\rightarrow$   $\_$ NaCl +  $\_$ BaSO<sub>4</sub>  $\_$ 

9) 
$$K + F_2 \rightarrow KF$$

10) \_\_CuCO<sub>3</sub> 
$$\rightarrow$$
 \_\_CuO + \_\_CO<sub>2</sub>

11) \_\_Al + \_\_FeO 
$$\rightarrow$$
 \_\_Al<sub>2</sub>O<sub>3</sub> + \_\_Fe \_\_\_\_

12) 
$$\_AgI + \_Fe_2(CO_3)_3 \rightarrow \_FeI_3 + \_Ag_2CO_3\_$$