## **Balancing Equations Practice**

1) \_\_\_\_AI(NO<sub>3</sub>)<sub>3</sub> + \_\_\_\_ (NH<sub>4</sub>)<sub>3</sub>PO<sub>4</sub> 
$$\rightarrow$$
 \_\_\_\_AIPO<sub>4</sub> + \_\_\_ NH<sub>4</sub>NO<sub>3</sub>

3) 
$$ZnBr_2 + Pb(NO_2)_2 \rightarrow Zn(NO_2)_2 + PbBr_2$$

4) 
$$C_2H_4O_2 + O_2 \rightarrow CO_2 + H_2O$$

5) \_\_\_\_ Ca + \_\_\_ CuF<sub>2</sub> 
$$\rightarrow$$
 \_\_\_\_ CaF<sub>2</sub> + \_\_\_ Cu

6) \_\_\_\_\_ 
$$H_2SO_4 +$$
 \_\_\_\_\_  $B(OH)_3 \rightarrow$  \_\_\_\_\_  $B_2(SO_4)_3 +$  \_\_\_\_\_  $H_2O$ 

7) 
$$S_8 + O_2 \rightarrow SO_2$$

8) 
$$H_2O_2 \rightarrow O_2 + H_2O$$

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

10) \_\_\_\_\_ AgNO<sub>3</sub> + \_\_\_\_\_ Ga 
$$\rightarrow$$
 \_\_\_\_\_ Ag + \_\_\_\_ Ga(NO<sub>3</sub>)<sub>3</sub>

11) 
$$N_2 + M_2 \rightarrow MH_3$$

13) \_\_\_\_ KMnO<sub>4</sub> 
$$\rightarrow$$
 \_\_\_\_ K<sub>2</sub>MnO<sub>4</sub> + \_\_\_ MnO<sub>2</sub> + \_\_\_ O<sub>2</sub>

14) \_\_\_\_\_ Fe + \_\_\_\_ AgNO<sub>3</sub> 
$$\rightarrow$$
 \_\_\_\_\_ Fe(NO<sub>3</sub>)<sub>2</sub> + \_\_\_\_ Ag

15) \_\_\_\_\_ Li<sub>2</sub>SO<sub>4</sub> + \_\_\_\_\_ K<sub>3</sub>PO<sub>4</sub> 
$$\rightarrow$$
 \_\_\_\_\_ Li<sub>3</sub>PO<sub>4</sub> + \_\_\_\_ K<sub>2</sub>SO<sub>4</sub>