## **Reaction Prediction**

Write a balanced chemical equation for each of the reactions listed below. Identify the type of reaction first to help figure our what the products are.

1. 
$$K_2O + H_2O$$
 →

5. 
$$Mg(OH)_2 \rightarrow$$

8. Li + H<sub>2</sub>O 
$$\rightarrow$$

9. 
$$Pb(NO_3)_2 + Na_2S \rightarrow$$

14. Mg + O<sub>2</sub> 
$$\rightarrow$$

15. 
$$Pb(NO_3)_2 + H_2SO_4 \rightarrow$$

17. 
$$C_4H_{10} + O_2 \rightarrow$$

22. Al(OH)<sub>3</sub> 
$$\rightarrow$$

24. 
$$C_2H_4 + O_2 \rightarrow$$