Reaction Prediction #3

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.

$$1. C_5 H_{12} + O_2 \rightarrow$$

2. LiOH +
$$H_3PO_4$$
 →

3.
$$K_2O$$
 + HCl →

5.
$$Sr(OH)_2 + HBr \rightarrow$$

6.
$$Cl_2$$
 + KI →

7. Fe +
$$H_2SO_3 \rightarrow$$

8.
$$Cu + H_3PO_4 \rightarrow$$

9. K +
$$H_2O$$
 →

10.
$$NH_4F \rightarrow$$

11.
$$MgCO_3 \rightarrow$$

13. NaClO₃
$$\rightarrow$$

14.
$$Mg(OH)_2 \rightarrow$$

15.
$$MnCO_3 \rightarrow$$

16. Na +
$$I_2$$
 →

18.
$$CO_2 + H_2O$$
 →

19.
$$Cs_2O + H_2O$$
 →

20. Mg +
$$H_2SO_4 \rightarrow$$

22.
$$CuCO_3 + H_2SO_4 \rightarrow$$

23. Mg +
$$HC_2H_3O_2 \rightarrow$$

24.
$$C_6H_{14} + O_2 \rightarrow$$

25. Mg +
$$H_2O$$
→