Name:

Score: _____ Date: ____

Types of Reactions

A. Balance the following equations and indicate the type of reaction:

1)
$$Ca(OH)_2 + Al_2(SO_4)_3 \longrightarrow CaSO_4 + Al(OH)_3$$

2)
$$NH_3 + I_2 \rightarrow N_2I_6 + H_2$$

3)
$$C_2H_4 + O_2 \longrightarrow CO_2 + H_2O$$

4)
$$VF_5$$
 + HI \longrightarrow V_2I_{10} + HF _____

5)
$$Hg_2I_2 + O_2 \longrightarrow Hg_2O + I_2$$

B. Complete the following reactions where the reactants are given. Balance the reactions and indicate their types.

3)
$$C_2H_2 + H_2 \longrightarrow$$

5)
$$H_2CO_3 \longrightarrow$$