Chapter 5: Chemical Bonds page 18 Name_____

Worksheet: Recognizing Reaction Types Period_____ Date_____

(Frameworks Code)

For each of the following equations:

a. Name the type of reaction
b. Underline the reactants
c. Circle the products

Equation	Type of Reaction
1. $HCl + KOH \rightarrow HOH + KCl$	1. _____
2. $CaO + HOH \rightarrow Ca(OH)_2$	2. _____
3. $AgNO_3 + NaCl \rightarrow NaNO_3 + AgCl$	3. _____
4. $H_2CO_3 \rightarrow CO_2 + H_2O$	4. _____
5. $Fe + S \rightarrow FeS$	5. _____
6. $HNO_3 + NaOH \rightarrow NaNO_3 + HOH$	6. _____
7. $NH_4OH \rightarrow NH_3 + HOH$	7. _____
8. $2H_2O \rightarrow 2H_2 + O_2$	8. _____
9. $2K + 2HOH \rightarrow 2KOH + H_2$	9. _____
10. $H_2CO_3 \rightarrow CO_2 + H_2O$	10. _____
11. $2Al + 3H_2SO_4 \rightarrow Al_2(SO_4)_3 + 3H_2$	11. _____
12. $4Fe + 3O_2 \rightarrow 2Fe_2O_3$	12. _____
13. $2H_2 + O_2 \rightarrow 2H_2O$	13. _____
14. $2HgO \rightarrow 2Hg + O_2$	14. _____
15. $AgNO_3 + KBr \rightarrow KNO_3 + AgBr$	15. _____