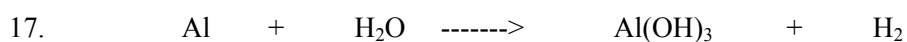
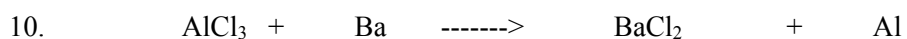
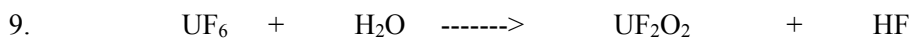
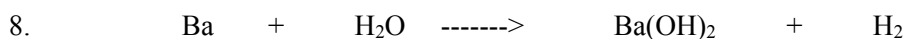
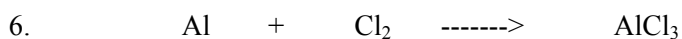
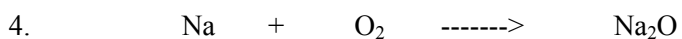
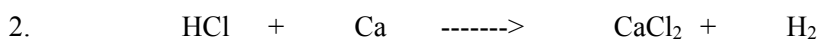
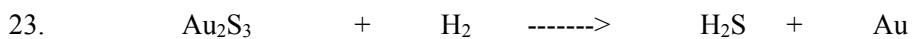
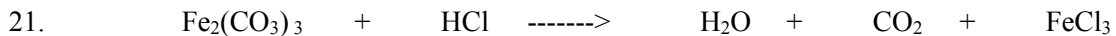


Part I. Balance each reaction. (Use the lowest possible integer coefficients.)





Part II. Combination/Synthesis Reactions.

1. Write a balanced chemical equation for each reaction, including subscripts on all reactants and products.

a. Liquid bromine reacts with aluminum powder. _____

b. Chlorine reacts with sodium. _____

c. Potassium reacts with oxygen. _____

d. Sulfur reacts with aluminum. _____

e. Iodine reacts with potassium _____

f. Sodium reacts with sulfur _____

g. Potassium reacts with nitrogen. _____

h. Lithium reacts with oxygen. _____

i. Bromine reacts with sodium. _____