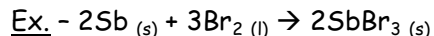
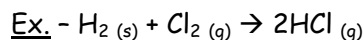
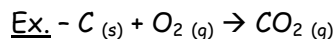
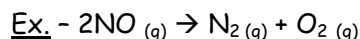
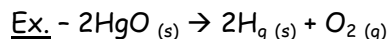
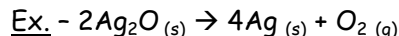


The 6 Types of Chemical Reactions

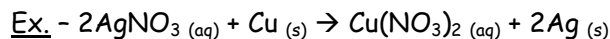
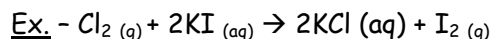
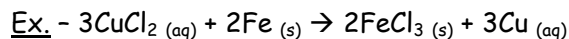
1.) Synthesis - Starts with two elements which combine to form a product. $A + B \rightarrow AB$



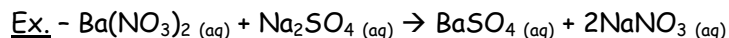
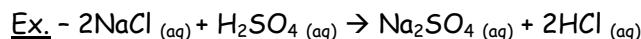
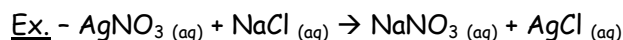
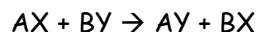
2.) Decomposition - Starts with one compound which breaks into two products. $AB \rightarrow A + B$



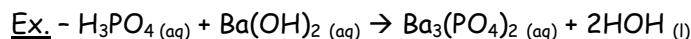
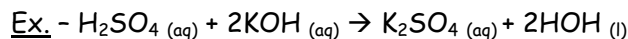
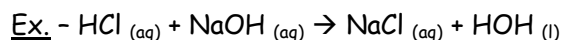
3.) Single Replacement - Starts with one element and one compound and the metals switch with metals or the non-metals switch with non-metals. $A + BX \rightarrow B + AX$ or $Y + BX \rightarrow X + BY$



4.) Double Replacement - Starts with two compounds and the metals switch places.



5.) Neutralization - A double replacement that involves an acid and a base. Acids start with H and bases with OH.



6.) Combustion - Starts with carbon and Hydrogen compound and oxygen (burning).

