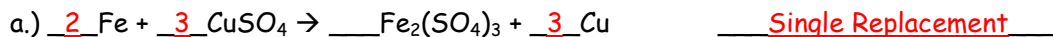


Six Types of Chemical Reactions

Name - _____

1.) Classify each of the following reactions as synthesis, decomposition, single replacement, double replacement, acid-base neutralization or combustion. Then balance the equation.



2.) Use the following general equations to predict the most likely products. Then, classify each equation according to the reaction type.



3.) For the following, write the chemical formulas for the reactants and predict the most likely reaction type. Then, write balanced equations for each.

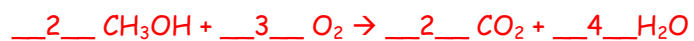
a.) Magnesium chloride is heated. = **Decomposition**



b.) Silver nitrate is reacted with sodium sulphide. = **Double Replacement**



c.) Methanol (CH₃OH) is burned in the presence of oxygen. = **Combustion**



d.) Hydrofluoric acid is reacted completely with strontium hydroxide = **Neutralization**

