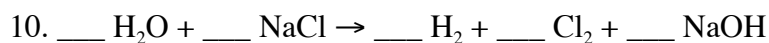
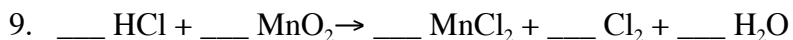
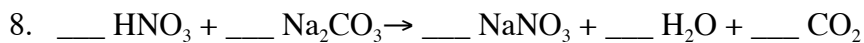
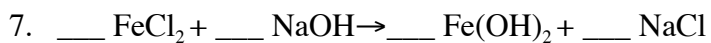
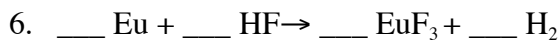
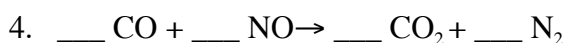
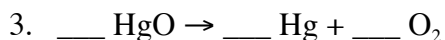
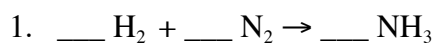


Name _____ Period _____

**Honors Chemistry
Chemical Equations Practice Test**

Form P

Part I: Balance the following equations using only the lowest whole number ratio.



Part II: Write and balance the equations represented by the words below.

1) Sodium reacts with water to form sodium hydroxide and hydrogen gas.

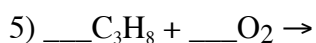
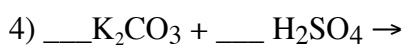
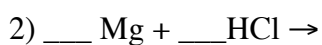
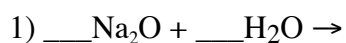
2) The combustion of propane (C_3H_8) to make carbon dioxide and water.

3) Hydrochloric acid reacts with sodium hydroxide to make water and sodium chloride.

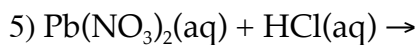
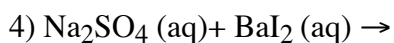
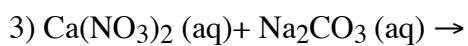
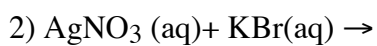
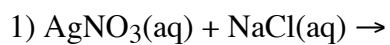
4) Calcium carbonate decomposes to make carbon dioxide and calcium oxide.

5) Calcium carbonate and hydrochloric acid to produce carbon dioxide, water, and calcium chloride

Part III: Predict the products of the following reactions. Write a balanced equation for each reaction.



Part IV: Write Net Ionic Equations for the following reactions.



6) Solutions of Nickel (II) sulfate and barium hydroxide are mixed

7) Solutions of Ammonium hydroxide and iron (III) chloride are mixed?