**Complete Chemical Equations Practice**

*Translate the statements below into complete chemical equations.*

1) When aluminum bromide powder is heated in the presence of chlorine gas, aluminum chloride powder and liquid bromine are formed.

2) When potassium metal is combined with fluorine gas, solid potassium fluoride is given off in a highly exothermic reaction.

3) When dissolved sodium hydroxide reacts with a weak hydrochloric acid solution, dissolved sodium chloride and water are formed. This reaction gives off a great deal of heat.

4) When methane gas is heated with oxygen gas, carbon dioxide gas and water vapor are formed.

5) When solid iron reacts with the oxygen in the atmosphere, it forms rust (also known as “iron (III) oxide”).

6) When solid sodium bicarbonate is heated at a temperature of 12000 C, it forms solid sodium oxide, gaseous carbon dioxide, and water vapor.