**Acids and Bases homework 4**

Predict the products, write a balanced chemical equation and a net ionic equation for the following:

* Solutions of Sodium hydroxide and hydrochloric acid are mixed
* Sulfuric acid completely neutralizes potassium hydroxide
* Solution of Barium hydroxide neutralizes a solution of nitric acid
* Solutions of calcium hydroxide and sulfuric acid are mixed.
* Hydroiodic acid is neutralized by strontium hydroxide
* Hydrochloric acid and cesium hydroxide are combined

Explain how acid rain is formed. Write an equation with carbon dioxide and sulfur dioxide