

Name _____ Date Due _____

Acids and Bases

1. What is a base?

2. A solution of NaOH(aq) has a greater concentration of OH⁻(aq) ions than of H⁺(aq) ions. How do we know that the solution will be alkaline?

3. What happens to the pH of an acidic or alkaline solution as it is diluted?

4. How do we know that a solution of CO_2 will be acidic and a solution of MgO will be alkaline?

5. Name the salts of...

**Sodium hydroxide and
hydrochloric acid**

**Magnesium hydroxide and nitric
acid**

**Lithium hydroxide and sulphuric
acid**