**Topics: Acid-Base Quiz Review**

1. What is an acid? How can you tell if something is an acid from its formula?
2. What is an indicator? What is it supposed to indicate?
3. If a compound has a pH of 11, is it an acid or a base?
4. What does the pH scale measure? Explain how it works.
5. What is the pH of a 0.0085 M solution of HBr?
6. What is the pH of a 5.0 x 10-5 M solution of NaOH?
7. If it takes 45 mL of 0.50 M NaOH to titrate 60 mL of HNO3 with unknown concentration, what is the concentration and pH of the HNO3 solution?
8. Explain how a titration works.