

### **Heart Burn HW**

Read and outline (Cornell style) **Section 19.1** in your chemistry textbook. **\*\*Your section outlines must be at least ½ page and have 3-4 topic questions.\*\*** Then answer the following assessment questions:

1. Compare the properties of acidic solutions and basic solutions.
2. How do the concentrations of hydrogen ion and hydroxide ion determine whether a solution is acidic, basic, or neutral?
3. Compare the contrast the Arrhenius model and Bronsted-Lowry model of acids and bases.
4. What is a conjugate acid? What is a conjugate base? Write out an example from the text of a chemical reaction between an acid and a base. Label the acid, base, conjugate acid, and conjugate base.