

CH 223 LEARNING OUTCOMES

1. Convert initial and equilibrium concentrations to find equilibrium constants.
2. Identify acids and bases using both Bronsted and Lewis theories.
3. Interpret the quantity of acid and base present using pH expressions.
4. Distinguish between soluble and insoluble compounds in water.
5. Differentiate entropy, enthalpy and Gibbs energy values to predict the direction of a chemical reaction.