

Acid Bases Topic Outline Chapter 8

Nelson Chapter 8

- 8.1 Page 486
 - Arrhenius Theory
 - Bronsted-Lowry Theory
 - Conjugate Acid Base Pair
 - Amphoteric Substances
 - Acid Ionization constant K_a
- 8.2 Page 495
 - Strong and Weak Acids
 - Strong and Weak Bases
 - Organic Bases
 - Relation between K_w , K_a , K_b
 - pH pOH
 - Measuring pH
- 8.4 Page 512 Calculations involving acidic solutions
 - Calculations involving strong acid solutions
 - Calculations involving weak acid solutions
 - Percent Ionization of weak acids
 - Calculating pH of weak acid solutions
 - Calculations involving weak bases
- Acid base properties of salt solution (Hydrolysis)
- Acid base titration and titration curves.