Study Guide 8.4 and 8.5 and 8.6

* Calculations using H+ and OH-

8.4 Calculations Involving Acid Solutions

* Define percentage ionization (p. 514)

Do and apply, p. 516, # 1 and 2.

Use the ICE table sand Ka to calculate pH, p. 520 , # 1 and 2.

8.5 Calculations Involving Basic Solutions

Do and apply, p. 527, # 1 and 2.

Find Ka, Kb and Kw, p. 529, # 1 and 2. Use an ice table to calculate the pH.

8.6 Acid and Base properties of salt solutions

* Do and Apply, p. 534, # 1 and 2.
* Do and apply, practice Problems, p. 538, # 1 and 2.
* Do and apply, review questions, p. 539, #1-5.

8.8 Buffer System

* Do and apply Practice, p. 565, # 1-3
* Do and apply review questions, p. 567, # 1-6.