
Monday, February 12, 2018

- Ch. 15.5-15.7: Finish Weak Acid Ionization Constants; Weak Base Ionization Constants; The Relationship Between Acid Ionization Constants & Their Conjugate Bases
- Complex Ions WKS (Due Wednesday, February 21)
- **Homework #15-3:** Problems pg. 671-672 #41, 42, 44, 45, 46, 49, 52, 53a, 54, 56, 57

Tuesday, February 13, 2018

- Ch. 15.8-15.9: Polyprotic Acids; Molecular Structure and the Strength of Acids
- **Homework #15-4:** Problems pg. 672 #32, 60, 61, 64 (See page p.651 for K_a value of H_2CO_3), 65, 66-69

Wednesday, February 14, 2018 (Room 382)

- Ch. 15.10: Acid-Base Properties of Salt Solutions
- **Homework 15-5:** Problems pg. 672 #72, 73, 76, 77, 78, 79, 82

Thursday, February 15, 2018

- No School: Teacher In-Service Day

Friday, February 16, 2018

- No School: Teacher In-Service Day

Monday, February 19, 2018

- No School: Presidents' Day

Tuesday, February 20, 2018

- Ch. 15.11-15.12: Oxides/Hydroxides; Lewis Acids and Bases
- **Homework 15-6:** Problems pg. 672 #83, 84, 87, 88, 90, 91, 92; finish **Complex Ion Reactions WKS**

Wednesday, February 21, 2018 (Room 382)

- **Complex Ion Reactions WS Due**
- Chapter 15 Review Sheet
 - Ch. 15 MC Review
- WKS: Salt Hydrolysis
- **Homework 15-7:** Finish Salt Hydrolysis WKS & MC Review

Thursday, February 22, 2018

- Ch. 16.1-16.2: Solution Equilibria; Common Ion Effect; Begin Buffer Solutions
- POGIL: Common Ion Effect on Acid Ionization and Mini Lab-Make a buffer (to ~3:30)
- Chapter 15 Review
 - **Textbook:** pg. 673 #98, 100, 104, 106*, 107*, 108, 109, 112, 117, 120*, 123*, 125, 129, 133, 138, 139. *See review sheet for hints for these questions
 - **Optional Study Guide:** pp. 317-319 #1, 12, 14, 15, 18, 19, 26, 29, 31, 32, 34, 36; pp. 332-333 #8, 9, 12, 13, 14, 15, 27
- **Homework 15-8:** Textbook problems; begin studying for test

Friday, February 23, 2018

- Review Chapter 15
- **Homework:** Study for Chapter 15 Test

Looking Ahead: The Chapter 15 Test is scheduled for Monday, February 26, 2018.