

Monday, November 27, 2017

- MC Review WKS
- PES Review WKS
- Reactions Practice WKS:
Synthesis/Decomposition/Reactive Metals & Hydrides
- **Homework #8-6:** MC, PES Review & Reactions Practice WKS's

Tuesday, November 28, 2017

- Wrap Up/Review Chapter 8
- Ch. 9.1-9.3: Ionic Bonds & Lattice Energy; Born-Haber Cycle
- **Homework:** Study for Chapter 8 Test

Wednesday, November 29, 2017 (Room 382)

• **Chapter 8 Test: Periodic Relationships**

- **Homework #9-1:** Problems pg. 378-379 #5, 7, 11, 13, 15, 16, 18, 23, 24

Thursday, November 30, 2017

- Ch. 9.4-9.6: Covalent Bonds; Electronegativity; Writing Lewis Structures
- Ch. 9.7-9.8: Formal Charge; Resonance
- **Homework #9-2:** Problems pg. 379 #20, 30, 33, 34, 36, 40, 44, 45, 47, 48
- **Homework #9-3:** Problems pg. 380 #50, 51, 53-56

Friday, December 1, 2017

- Ch. 9.9: Exceptions to the Octet Rule
- **Homework #9-4:** Problems pg. 380 #52, 57, 61-65

Monday, December 4, 2017

- Ch. 9.10: Bond Energy
- **Homework #9-5:** Problems pg. 381 #69, 72, 88 (HINT: You are solving for the ΔH for the formation of CH_4 . The formation of CH_4 is: $\text{C} + 2 \text{H}_2 \rightarrow \text{CH}_4$), 89

Tuesday, December 5, 2017

- Ch. 10.1: Molecular Geometry
- **Homework #10-1:** Problems pg. 428 #3, 4, 5, 6, 7, 9, 11, 13, 14, 69

Wednesday, December 6, 2017 (Room 382)

- Ch. 10.2-10.3: Dipole Moments; Valence Bond Theory
- ASA: Lewis Structures on Geometric Structures Lab
- **Homework:** Lab ASA: Finish Lewis Structures (Not 3D Drawing/Geometry/Polarity!) on Geometric Structures Lab

Thursday, December 7, 2017

- **Lab:** Geometric Structures (Slowinski #13)
 - **Homework #10-2:** Problems pg. 429 #18, 19, 21, 23, 24, 26, 27, 79
- *Also, if you have never learned hybridization before, it is HIGHLY recommended that you watch these two videos on carbon also embedded on my website:
- Organic Chemistry 1.2 The Shape of Carbon: https://youtu.be/TOEjaZ_v2Hk
 - Organic Chemistry 1.3 Carbon Bonding: <https://youtu.be/Gi9XnWT-x7c>
- (Both are part of the Hybridization playlist on my YouTube Channel: <https://www.youtube.com/playlist?list=PLzy4QGtywlo-33xaB8TDQ17vD8pV2a0pQ>)

Friday, December 8, 2017

- Ch. 10.4, 10.5 & 10.8: Hybridization (skip spd orbitals pp. 410-412); Delocalized Molecular Orbitals
- Hybridization WS
- **Homework #10-3:** Problems pg. 429 #31, 35, 37, 41, 43, 64, 68, 84 & Hybridization WS

Looking Ahead: The Chapter 9-10 Test is currently scheduled for Friday, December 15, 2017.