**CHEMISTRY 2022-23 October 20, 2022**

**Today’s Agenda (Day 40)**

1. HOUSEKEEPING ITEMS

**🡪**

1. Homework Check:

🡪 Chapter 6 Practice Problems

🡪 Mini-Lab 6.2 Organize Elements

🡪Chapter 7 Vocabulary

1. Class Activity:

🡪 TEST: **Ch 6**

 **\*Go to** [**www.socrative.com**](http://www.socrative.com) **🡪 enter room “MSBCHEM2020” 🡪 enter ID #**

🡪 FRIDAY: Chapter 7 PPT Review

1. Section 7.1 – Ion Formation
2. Section 7.2 – Ionic Bonds and Ionic Compounds
3. Section 7.3 – Names and Formulas for Ionic Compounds
4. Section 7.4 – Metallic Bonds and the Properties of Metals

HOMEWORK:

* READ: Chapter 6 – Periodic Table and Periodic Law
* READ: Chapter 7 – Ionic Compounds and Metals
* COMPLETE: Chapter 8 Vocabulary
* STUDY: Chapter 7 Test, Chapter 7 & 8 Vocabulary

CHAPTER 7

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Alloy | Anion | Cation | chemical bond | crystal lattice | delocalized electron |
| Electrolyte | electron sea model | formula unit | ionic bond | ionic compound | lattice energy |
| metallic bond | monatomic ion | oxidation number | Oxyanion | polyatomic ion |  |

CHAPTER 8

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| coordinate covalent bond | covalent bond | endothermic reaction | exothermic reaction | Hybridization | Lewis structure |
| Molecule | Oxyacid | pi bond | polar covalent bond | Resonance | sigma bond |
| structural formula | VSEPR model |  |  |  |  |

REMINDERS:

* ~~Chapter 7 Vocabulary – Oct. 20~~
* TEST: **Ch 6 🡪 Oct. 20**
* TEST: **Ch 7 🡪 Oct. 27**
* Chapter 8 Vocabulary – Oct. 27
* QUIZ**: Chapter 7 & 8 Vocabulary 🡪 Nov. 1**
* TEST: **Ch 8** 🡪 **Nov. 8**

**CHEMISTRY 2022-23 PRACTICE PROBLEMS**

**CHAPTER 7 – Ionic Compounds and Metals**

**Practice Problems 7.1 –** Formation of Ionic Compounds



**Practice Problems 7.2 –** Formula for an Ionic Compound



**Practice Problems 7.3 –** Formula for a Polyatomic Ionic Compound



