

# Chemistry Final Exam Study Guide 2021-22

The final exam will cover chapters 6, 7, 8 and 9, with a few very basic questions from chapters 10 and 11. Recommended ways to prepare for final exam.

- **review objectives, notes, worksheets, charts, quizzes and exams.**
- **make your own study guide**
- if you missed questions on test or quizzes, reread those topics in the textbook
- practice problems from each chapter. Appendix D in Pearson Chemistry has a problem bank with many of the answers included in the appendix. Use these for practice
- use quizzes for reviewing vocabulary, naming compounds, or other topics, most chapters of Pearson have quizzes already made or you can make your own... I have reviewed the quizzes listed on your powerschool pages and listed only those I felt were accurate.
- Study buddies, quizzing classmates or other students taking chemistry
- Take the standardized test in the textbook at the end of each chapter. I will post the answers to each of these

The exam will consist of 65-80 questions, all multiple choice. There will be copies of the periodic table, polyatomic ion chart, and transition metal charts attached to the back of the exam. You will need your calculator to complete the final exam.

## **Chapter 6: The Periodic Table** (about 15 questions)

### **Vocabulary**

proton  
electron  
atomic number  
period  
group  
metal  
nonmetal  
representative element (Group A)  
transition metal (Group B)  
halogens  
noble gas

### **Objectives** (see p. 185 6.1 and 6.2)

- Know how the periodic table is arranged.
- Be able to use the periodic table to locate alkali metals, Group A elements, Group B elements and periods.
- Differentiate between metals, metalloids, and nonmetals.
- Be able to explain why noble gases can exist as single atoms, and usually don't react with other elements.
- **\*Know how to determine the number of valence electrons in a Group A element.**

# High School Chemistry Final Exam Study Guide

**John T. Moore, Richard H. Langley**



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