

Chemistry Ch 7 STUDY GUIDE

Chemical Formulas and Naming Compounds-Empirical formula, percent composition.

By now, you should know all the correct formats and all notebook work you need to do every chapter, so, I will not write this at the top of every study guide. REFER BACK to earlier study guides if you need to in order to refresh your memory about what is expected of you.

1. Secs. 7.1 and 7.2: Memorize the ions and charges in table 1 page 221 AND table 2 page 226 (skip dihydrogen phosphate, permanganate, oxalate) QUIZ ON THESE TWO TABLES (See board for date) LEARN all new vocabulary. Learn the rules for naming binary ionic compounds, binary molecular compounds, naming compounds with polyatomic ions in them and (naming acids and their salts pp 230-231). Using and assigning Oxidation Numbers to atoms in compounds. Learn how to use the rules of assigning oxidation numbers on p 232 learn them by using them – note the similarities to the ions you have already learned.

2. Secs. 7.3 and 7.4: Formulas masses, molar masses. Calculations using formulas – Percent Composition by mass – Empirical and molecular formulas

Quizzes will be given to test your mastery and understanding of the vocabulary as you read and the CHAPTER MATERIAL Work section by section and you'll do just fine.

HOMEWORK

***NB Pages 251-254 Chapter Review: #s 1-15 odds only (these have multiple parts so start these immediately. 30-32 pages 251-254 MIXED REVIEW: 43-50 pages 237-238 Don't forget your section reviews after each section of every chapter. MIXED REVIEW pages 253-254: 40-50 Evens only**

***Hand In: Pages 251-254 Problems (ON ALL ASSIGNMENTS - Always show all of your work)**

Assignment #1: 16-18

Assignment #2: 28-33

Assignment #3: 36-39

Lab pp 28-33 Water of Hydration

TEST CHAPTER 7 SEE Board for DATE

