

# Chemistry Ch 8 STUDY GUIDE

## Chemical Equations - Reactions

**Sec. 8.1: Learn all new definitions in this section and be able to give at least TWO examples of each definition.** Table 1 p 263 the diatomic elements. There will be a vocabulary quiz on these. Memorize the symbols in table 2 on page 266.

Do at least 80% of the balancing equations handout given in class. The more you practice the better you get at this. LEARN the hints and shortcuts I give you in class to help balance more difficult equations.

**PAY PARTICULAR ATTENTION** to understand and use the information on pages 268 -271 We will use these four ideas p 268-71 the rest of the year.

Section 8.2 Learn all the general reaction types (5 of them) pp 276-283 with at LEAST two examples of each. You will be expected to **predict the products** (they will NOT be given to you) of these general reactions. **Practice from the handout sheets I gave in class.**

**Understand how we use the activity series table 3 page 286 to predict single replacement spontaneous reactions!**

Define WORD equations, FORMULA equations, and CHEMICAL equations

**\*IN YOUR NB: Chapter Review pp 2290-2293: #s 9, 10, 11-17 odds only. 13, 15, 16 and problems pages 270 -271: #s 18 - 33 ODDS**

**HAND IN Pages 270 - 272**

Assignment #1: #s 12 – 16 **EVENS only**

Assignment #2: #s 22 – 30 **EVENS only**

**QUIZZES ON EACH SECTION AND ALL NOTEBOOK, HOMEWORK AND HANDOUTS TO CHECK ON YOUR UNDERSTANDING AND TO BE CERTAIN YOU ARE KEEPING UP WITH THE CLASS.**

Labs to relate the material we are studying to the use of chemistry in our world. I will give out some of these labs in addition to one from your lab manual.