

CHEM WEEK 23: **TUES** – 02-22-11 School Work Assignment to be completed for Lab on 03-01-11

WED - 02-23-11 School Work Assignment to be completed for Lab on 03-02-11

Remember: BRING BOOK, NOTEBOOK, SCIENTIFIC CALCULATOR, PENCIL, & RED PEN

I. Lab follow up:

- Conclusion** – Explain: Objective met or not met, Describe what you learned, Outline any obstacles, if any.
- **Lab 12.1** - Staple entire lab (pre-lab, data, and conclusion) and turn in with check sheet
In your conclusion, tell me what you learned about the Ideal Gas Law as it applies to your lab and what you have read.

- READ – Module 13** – pp 417 – 434, Stop at *Applying Enthalpy to Stoichiometry*

II. OYO – Answer 1st on own, AS YOU READ, then use book to complete answers. **1 pt / OYO**

- **5** (13.1 – 13.5) - If you get stuck, then study the answer and try again. Answers are at end of module.
- **Correct in red** – (*Student corrects the answers, not just marks them right or wrong.*)
- **On OYOs & school work check sheet** - post number CORRECT followed by number POSSIBLE

III. Vocabulary / Rules – (*Use Vocabulary List. Vocab & Rules on separate pg, numbered, then filed in notebook.*)

- Vocabulary – 4 Rules – 3 - Pg 417 (1); pg 419 (1); pg 431 (1)

IV. Pre-Lab – Don't just write up the lab. **READ** the lab to understand the background and how we will perform this lab. **DO NOT** wait until class!! No pre-lab = zero and you can't participate in the lab.

- **Lab 13.1** (Remember, you have 4 labs you can photocopy / semester.)

V. Review Questions – **None**

VI. Practice Problems – **None**

VII. Test – **Module 12** – **Turn in with check sheet.** – Post original grade, corrections points, & final grade to paper & check sheet. May do closed book for + 5 extra credit. Make sure "Closed Book" is under your heading.

- Grade and **correct in red** (Student does the correcting)
- **At top of paper & on school work check sheet** - post number CORRECT followed by number POSSIBLE
- **At top of paper & on school work check sheet** – post grade, correction points, & final grade (*to 1/10 place*)

VIII. Companion CD – **None**

IX. Reference Cards – **3** - Use them for Practice Problems, Review Questions, & Tests – **Most current on top Label** index card with module #, page #, & title of the item, so you can look them up if needed & for proper grading.

- 1. Formula 13.5 - Joules vs calories (pg 419); **May put more than 1/card if fits, but label EACH!**
- 2. Formula 13.6 - ΔH (pg 425);
- 3. Formula 13.9 - standard change of enthalpy (pg 431)

NOTE: Make sure you are putting what each symbol stands for in your formula on your reference cards. Also, if there are special situations, like T is always in Kelvins when T is in the denominator. You need this information when you refer back to the reference card at a later time.

X. Extra Credit – **None**

XI. Quizzes in Class – **None**