

Homework Assignment #4: Chapter 2b

Name: _____
(Print and Pledged)

Purpose for homework: To refresh on some calorimetry skills used in General Chemistry and to see differences between General Chemistry calculations and more advanced calculations

Instructions: Work the following problems **using the homework format in your syllabus.** (Show all work and circle answers.) Feel free to work together but turn in your own work.

Exercises from Ch. 2

2.12a, 2.13a, 2.18a, 2.22b

Problems from Chapter 2

2.5 (for step a, please change the change in V to a change in T. We will start in class on Wed 2/25), 2.8 (only ΔH part), 2.39

Don't forget that the instructions for both exercises and problems say to assume that all gases are perfect and that the thermochemical data are for 298.15 K unless otherwise stated.

In addition, the student soln's manual is not always correct.