

Reading Assignment 08/28

(due: Friday, August 28, 9 am)

Answers via Account Login on our course webpage

http://www.eg.bucknell.edu/~kvollmay/phys317_f2009/

Password same as your username. Please change your password the first time you log into your phys317 account. You will need the changed password also in the future for homework solutions.

Read: • Course Information

- §1.1 – 1.3

1. Ideal Gas: What is the relation between pressure and the average velocity?

2. Equipartition Thm: Why does each vibrational mode account for *two* degrees of freedom?

3. Journal Entry: Your journal entry should reflect that you have done the reading and can contain any or all of the following: a summary, comments on what part of the reading was most difficult, easy, and interesting, or general comments about the course.

Do you have any questions about the course information?

Please use this journal entry also to give me feedback about the course.

Homework #1: (due Aug. 28, 11am) 1.1, 1.11, 1.16 Hint: Air is mostly N_2

You will work on the blackboard on Friday (Aug.28) on **problem 1.21** (of homework #2.)