

Lecture 3

Pre-Lecture Preparation (due within the first 5 minutes of class):

- Read pages 578 – 580 in the textbook (Serway 9th edition) and do the following:
 - 1) Quick Quizzes 19.5 – 19.6
 - 2) Book Objective Questions (p. 581): 2 and 9
 - 3) Book Problems (p. 583): 29

Goals for the Lecture:

- 1) Understand the ideal gas law, especially which units must be used for each variable
- 2) Be able to use the ideal gas law to solve problems

Post-Lecture Study Guide (I do not collect this):

Review the worksheets or other lecture material within 24 hours (preferably the same day as the lecture) to reinforce the ideas. Review the pre-lecture questions to make sure you understand them.

Do problems:

Ch 19: Conceptual Questions: 10

Ch 19: Problems: 35, 36, and 42

Continue with the additional recommended study problems from chapter 19