

Name: _____

Homework Week # 14

Thermodynamics
Due Thurs 12/05/19

Reading

C&J Physics: **Ch. 15 & Ch. 16**

OS Coll Phys: **Ch. 15 & Ch. 17**

This homework should be thought of as a pseudo-research project. Your goal is to read Ch. 15 in both books to figure out how to answer problems 3-6 below.

ex. research section 14.2 to learn about the ideal gas law: $PV = nRT$ for Problem 6.

Problems (from C&J)

Problem 1. **12.17**

Problem 2. **12.48**

Problem 3. **15.1**

Problem 4. **15.3**

Problem 5. **15.36**

Problem 6. **15.37**