

Problems:

1. Giancoli, Chapter 20, problem 40.
2. Giancoli, Chapter 20, problem 42.
3. Giancoli, Chapter 20, problem 48. (*Hint:* The gases do not interact. Calculate the entropy change using a reversible process that has the same initial and final states, as in Giancoli's Example 20-7, discussed in class.)
4. Giancoli, Chapter 20, problem 54.
5. Giancoli, Chapter 20, problem 60.

Note:

The Physics 5D Final Exam will be on Wednesday December 11 at 4:00 – 7:00 pm in Thimann Lecture 3, our regular classroom. (The Syllabus had incorrectly listed it as 5:00 – 8:00 pm.) You are welcome to bring two pieces of 8.5x11 paper with your notes on them. Also bring a calculator.