

Thermodynamics
Homework Two
Due Friday, April 8, 2016

This assignment is likely longer and more challenging than the first one.

1. 1.31
2. 1.35
3. 1.37
4. 1.41
5. 1.45 Optional. Recommended for Calc III alumni/ae. It's not a difficult calculation.
6. 1.47 or 1.48. Do whichever looks more interesting. Or do both if they both look really interesting.
7. 1.50 This might get delayed until next week. It'll depend on how far we get in class on Wednesday.
8. 1.54 Optional, but recommended. Since we're interested in just getting rough estimates, we can ignore the difference between energy and enthalpy for this problem.