

Thermodynamics
Homework Five
Due Friday October 18, 2013

1. Problem 3.1
2. Problem 3.9
3. Problem 3.11
4. Problem 3.12. Optional. Recommended for sustainable energy enthusiasts.
5. Problem 3.13
6. Problem 3.28
7. Problem 3.32 Note that since compression is done *very* suddenly, this process is not quasistatic.