Due 1/10—I know that we don't usually have homework before a test, but I saw a couple of smalls things on the test that might get some of you.

## Homework (review):

- 1) Make sure that you go over the website study helps over, and over, and over, making sure that you understand it perfectly. If you're guessing, do it again. If you have to: write the equations down and do it on paper. The test is simple enough that I can do it without a calculator and in my head. Don't try it! Take your time: you're in a hurry.
- 2) Do Sample Problem 11B (p.412) cover up the answer.
- 3) Do all of the problems on p.413. I'll give you the answers at the beginning of class (or during STAR time). I WILL NOT work them all.
- 4) What does  $\Delta$ mean?
- 5) So what does  $\Delta U$  mean?
- 6) An gas pushes out a cylinder in an engine, doing 1200J of work. If 1950J of heat was added, A) Find ΔU
  - B) If the original U was 860J, find the final U.
- 7) Start studying Harmonic Motion.
  - A) I have basic worksheets that will help -find them.
  - B) There are study helps. Find them.
  - C) Don't spend a lot of time, but don't come to class and be completely ignorant.