- 1. Address any floor question on:
  - a. general substance versus models
  - b. constant versus variable specific heats
  - c. Gibbs equation
  - d. ideal gas table including newly defined variables
  - e. "average" specific heats

2. Alternative ways to reason out the slope of constant pressure and constant temperature lines on phase diagrams.

3. Given that you know the energy required to raise the temperature of air in the classroom by 10 deg C (assume that it has a mass of 40 kg). What can you say about the temperature change of a 4 kg sample of the same air if the same amount of energy is added to it. Explain your answer.

4. Finish up problems from Lecture #18

5. Work on problems from Lecture #21