Corrections to the last set of homework solutions: I’m not good at plugging in numbers.

1. The second line of the sheet should read “Solution to Homework Set 8–9.”
2. The solution to F2 should read “Carnot \((T_2 - T_1)/T_2 = 382/673 = 57\%\).”
3. The solution to F3 should read “... work \(L = Q100/460 = 0.22\) calories, or 0.91 J...” Note that 0°F = 459.67°F in degrees Rankine.
4. I forgot to plug numbers in to the last problem (K&K 8.6). The linear coefficient of heat loss \(A = PT_l/(T_h - T_l)^2 = 2\) kW 290/400K = 1450 W/K.

Reading: K&K chapter 10. I hope, if we have a little time at toward the end of the course, to spend a few lectures on the modern theory of (second-order) phase transitions. Instead giving two weeks for a long assignment, I’m just giving a light assignment this week.

2. K&K 10.2.