PROBLEM SET 2

Reading: Chapter 3 in Reif.

Problems: Do all problems analytically by hand except where noted.

1. Reif 1.16

2. Reif 2.4 (parts a and b only)

3. Reif 2.7

4. Reif 2.11

5. Reif 3.1

6. Reif 3.2 (For part (c) you can use Mathematica to plot the magnetization M vs. $\mu H/kT$. Or you can do this by hand.)