Problem Set #10

Due Monday 4/18/05

Problems in K. Huang on page 303

1. Problem 12.4. Note there is a sign error. The result should be
\[
\frac{2}{\bar{T}} \left( \frac{C_V}{Nk} \right) \bar{T} - \frac{2}{\bar{T}} \left( \frac{C_V}{Nk} \right) T_c = -\frac{3.66}{T_c}
\]

2. Problem 12.5

3. Problem 12.6