

# Physics A410: Thermal Physics

## Problem Set 1

Assigned 2003 January 15  
Due 2003 January 22

**Show your work on all problems!** Be sure to give credit to any collaborators, or outside sources used in solving the problems.

**1 Schroeder 1.1**

**2 Schroeder 1.2**

Room temperature is defined in the text.

**3 Schroeder 1.4**

**4 Schroeser 1.16**