ENGR 212-503
Conservation Principles in Thermal Sciences
Problem Set #4 Properties of pure substances

Date distributed : 9.17.2003
Date due : 9.24.2003 at 5:00 pm

Return your solution either in class or in my mail box (WERC Rm. 235H) by the date shown above. Please show all your work and follow the rules outlined in the course syllabus.

1 Problems from Chapter 3

Work problems: 9C, 17C, 19C, 27E, 31E, 43, 47, 52, 54, 57, 63, 73E

2 Problem 3.61

For problem 3.61, determine the difference in the masses of water vapor in the two rooms—consider them to be cubes 10 m on each edge.