Math 254 Homework Set 2
Fall 2006
13 September 2006
Sets, Relations, Congruence, and Functions

ASSIGNED: 13 September 2006
DUE: 27 September 2006 (by the end of class - 16:50)
VALUE: 75 points

Overview: In this homework set you will complete problems from four sections of Chapter 2 of the textbook.

It is preferred that for each problem, you write out the problem statement before showing your solution. Your writing must be legible for you to get points for your solutions.

Tasks:

1. (3 points each) §2.1 Problems: (p. 46) # 4, 12, 23 and 30.
2. (3 points each) §2.2 Problems: (pp. 52 - 53) # 1, 2, 10, 11, 15 and 20.
3. (3 points each) §2.3 Problems: (pp. 58 - 60) # 4, 5, 12, 14, 18, 21, 40 and 42.
4. (3 points each) §2.5 Problems: (pp. 82 - 84) # 2, 18, 23, 28, 32, 40, and 48.

Submit the following:

1. A stapled set of legible solutions to the problems.