Homework 3

Due Date: November 17, 2006

Points: 100

Regular Problems
1. (20 points) text, exercise 5.2
2. (20 points) text, exercise 6.8
3. (20 points) text, exercise 9.6
4. (20 points) text, exercise 9.10
5. (20 points) text, exercise 9.16

Extra Credit Problems
1. (10 points) text, exercise 5.3 (you need not give a mathematical proof; a strong, correct argument will suffice)
2. (30 points) text, exercise 9.17