CMSC/MATH 456, Fall 2011
Homework 4, due at the beginning of class on October 27th

Instructions.

- The homework should be your own, without any collaboration or consulting sources such as the Web.
- Please include partial solutions if you cannot fully solve a problem.
- Neatly write your solutions and staple your work; late homework will not be accepted.
- The problems below are the numbered exercises given in the textbook.

1. Exercise 4.2. (5 points)
2. Exercise 4.3. (5 points)
3. Exercise 4.4. (15 points)