## HOMEWORK 3

Due on Friday, October 16th, in class.

Exercise 1. (32 points) Solve exercises 8.4, 8.5, 8.9, and 8.10 from the textbook.

**Exercise 2.** (48 points) Solve exercises 9.3, 9.10, 9.11, 9.12, and 9.14, and 9.15 from the textbook.

**Exercise 3.** (20 points) Solve exercises 10.6 and 10.7 from the textbook.