

## Homework 5

Students are welcome to work together, but *every student must write up their own solutions, independently!* I strongly encourage students to use LaTex for writing up their solutions. Please see the course web-page for a template file.

Each question is worth 10 points.

**Question 1:** Exercise 10.4 in the book

**Question 2:** Exercise 11.2 in the book

**Question 3:** Exercise 11.8 in the book

(On part c, answer the first sentence. You can ignore the second sentence.)