Directions. Please work on the problems below. Your solutions must begin with a clear statement of the problem, followed by a clear, legible solution (or partial progress towards a solution). Please refer to the syllabus for the policy on grading and late homework.

Collaboration. I encourage you to discuss the homework problems with your classmates. However, each student must submit his or her own homework solutions. In particular, you are welcome to discuss any of the problems online on our Google Groups discussion forum.

1. Solve exercise # 6 in section 10.1.
2. Solve exercise # 8 in section 10.1.
3. Solve exercise # 16 in section 10.1.
4. Solve exercise # 20 in section 10.1.
5. Solve exercise # 24 in section 10.1.

6. Don’t forget to read the textbook! You should read sections 10.1 and 10.2, especially the examples. Looking ahead, we will NOT cover any of the remaining sections in Chapter 10. Instead we will move on to Chapter 11. Get a head start by reading section 11.1.