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.

1. Please solve exercises # 6, 8, 18 in section 12.4.

2. Please solve exercise # 22, 24 in section 12.5