

Homework 2

Due September 20

Before writing your solutions commit yourself to being correct and clear throughout your arguments. In order to receive any credit the grader must be able to follow your arguments.

This is a collaborative assignment to be worked in pairs of (yes, two) students. Both students will receive the same grade, so it is each person's responsibility to make sure that everyone does a fair share of the work. If you intend to work individually on this assignment, please write down the reason for doing so.

1. (10 points) Problem 5 page 15.
2. (10 points) Problem 6 page 15.
3. (10 points) Problem 3 page 21.
4. (10 points) Problem 8 page 22.
5. (10 points) Problem 1 page 30.
6. (10 points) Problem 3 page 31.
7. (10 points) Problem 3 page 38.
8. (10 points) Problem 4 page 38.
9. (10 points) Problem 6 page 46.
10. (10 points) Discuss with your teammate the topics that you listed on the previous assignment as topics difficult to understand. For each of them write down the progress you made in understanding it and what issues (if any!) are still unclear. Give examples whenever appropriate.