**Math 8201** **Homework 13** **PJW**

**Date due: December 9, 2002.**

On Wednesday December 4 I will give you a preliminary grade for this semester, based on your performance so far on the six quizzes and homeworks 1 - 11. On Monday December 9 I will hand out a Final Homework, which is a take-home exam. If you do not attempt this exam, your grade for the course will be the preliminary grade which I have given you. If you do attempt this exam, your grade for the course may improve on your preliminary grade or stay the same, but it will not go down from the preliminary grade. Attempts on the Final Homework should be done without consulting any other person. You may consult any books that you wish. Your work for the final homework should be handed in to me (or to my mailbox) by 4pm on Wednesday December 18.

I am (rather optimistically) hoping that we will get the end of Chapter 8 by the end of the semester. I will not take in any more (ordinary) homework, but the following is a list of the questions which seem to me to be instructive, and relevant to the syllabus of this course. If I were to ask for questions to be handed in, they would be: Sec 7.6 nos. 1, 5c; Sec 8.1 nos. 5, 7, 10.

**Section 7.6** 1, 2, 3, 5, 5c, 7.

**Section 8.1** 3, 4, 5, 7, 9, 10.

**Section 8.2** 1, 5, 6, 8

**Section 8.3** 1, 3, 4, 5, 6, 7, 8.