

Math 413 Practice Problems for Final

I have made a list of some of the better problems in the book that were not assigned for homework. This list only covers problems since the prelim because I believe that the homework and prelim problems provide enough examples of problems from material before the prelim. I make no claim that the list is exhaustive (in the sense of covering all material or all types of problems you might encounter) or necessarily well-related to the exam. It is simply a list of problems I thought were good that we did not put on the homework. However, the ability to do any problem on this list or the homework without looking at the book or your notes is probably a good indicator that you are well prepared for the final.

- 3.3.1: 9
- 4.1.5: 12,13
- 4.2.4: 10,12
- 5.2.4: 8,9
- 5.3.4: 4,10
- 5.4.6: 4,5,19
- 6.1.5: 14a
- 6.2.4: 6,10
- 7.1.3: 6
- 7.2.4: 3,8,11
- 7.3.4: 7,8
- 7.4.5: 5
- 7.5.5: 8,13
- 7.6.3: 3,9