

Math 381: Homework 5

This is the fifth homework assignment for Math 381. Please do the problems below, write them up according to the syllabus guidelines and submit your packet in the appropriate box outside my office by 10:00AM on Thursday, April 10th. If you get stuck on any part of the homework, please come and see me. More importantly, have fun!

Problem 1. *Please do Exercise 5.6 of the course notes.*

Problem 2. *Please do Exercise 5.7 of the course notes.*

Problem 3. *Please do Exercise 5.8 of the course notes.*

Problem 4. *Please do Exercise 5.9 of the course notes.*

Problem 5. *Please do Exercise 5.10 of the course notes.*

Problem 6. *Please do Exercise 5.11 of the course notes.*

The exercises above are good practice for the second midterm exam. The content of the following two exercises will not be covered on the exam.

Problem 7. *Please do Exercise 5.12 of the course notes.*

Problem 8. *Please do Exercise 5.13 of the course notes.*