

## Math 436: Homework 1

Please complete the following exercises below and write up your solutions consistent with the directions in the syllabus. Your solutions are due on February 22nd in the appropriate box outside my office door. If you get stuck on any part of the homework, please come and see me. More importantly, have fun!

**Exercise 1.** Please do Exercise 2 in Section 5.1 of the text.

**Exercise 2.** Please do Exercise 3 in Section 5.1 of the text.

**Exercise 3.** Please do Exercise 5 in Section 5.1 of the text.

**Exercise 4.** Please do Exercise 4 in Section 5.2 of the text.