HOMEWORK 2
MATH 104, SECTION 4

Office Hours: I will be out of town from Friday, September 6th to Wednesday, September 11th, and from Thursday, September 12th afternoon to Monday, September 16th. So my office hours on September 10th and 11th are cancelled. Please feel free to reach me by email.

PROBLEM SET

Submit your homework at the beginning of the lecture on Tuesday. A select number of problems will be graded. *Late homework will not be accepted under any circumstances.*

You are encouraged to discuss the problems with your classmates, but you must write your solutions on your own and acknowledge collaborators/cite references if any.

Write clearly! Mastering mathematical writing is one of the goals of this course.

You have to staple your work if it is more than one page.

Due September 10:
- Ross, Exercise 3.6
- Ross, Exercise 4.4(e)(j)(r)(t)(v)
- Ross, Exercise 7.3(b)(d)(f)(h)(j)(l)(n)(p)(r)(t), 7.4
- Ross, Exercise 8.2(a)(c)(e), 8.4, 8.5(a), 8.9(b) (proofs required for these exercises)

READING

There will be reading assigned for each lecture. You should come to the class having read the assigned sections of the textbook.

Due September 10: Ross, Section 7, 8, 9

Due September 12: Ross, Section 10