Math 108B: Homework 1

Review Chapters 1, 2, and Sections 3.1, 3.2

Read Sections 3.3, Chapter 4.1

Exercises: (To be handed in Friday, Jan. 14th.)

Section 3.2 #7
Section 3.3 #1 (Give a counterexample for each false statement.)
#2(a), (b), (e), (f), #3(a), (b), (e), (f), #6, #9
Section 4.1 #3(a), #4(b), #6, #9

Optional Review Exercises:

Section 1.2: #1, #13
Section 1.3: #1, #15, #17
Section 1.4: #1
Section 1.5: #1, #3, #4, #15, #20
Section 1.6: #1, #11
Section 2.1: #1, #14, #17
Section 2.2: #1, #16
Section 2.3: #1, #12
Section 2.4: #1, #15, (#17, #20)