Assignment 1
Math 122

Weeks 1-3
Spring 2014

Reading

1.1-1.4 (text)

Writing

Carefully and fully write up the exercises, but don't submit. Where appropriate, *explain* what you're doing and why you're doing it. Make notes of issues that you want to ask about in the activity session.

From text

1.1: 2, 3, 4, 14, 20, 30, 34, 36, 37

1.2: 11, 16, 17, 19, 25, 29, 34, 41, 43, 45, 47, 50, 56, 57

1.3: 4, 6, 7, 10, 23, 24

1.4: 2, 10, 12, 13, 17, 21, 24, 38, 41, 42, 49*, 51*

*You can use the result

$$\lim_{u \to 0} \frac{\sin u}{u} = 1.$$