Fifth Homework Assignment
Math 222, Section 3

Please complete the following problems but do not turn them in:
section 15.2: problems 7, 11, and 13
section 15.3: problems 3, 13, 19, 37, 49 and 57
section 15.4: problems 1, 5, 11, 17, 21 and 35

First Midterm Exam
In class, Thursday October 14

I will write an exam which I expect to take 60 minutes, but you will have the entire class period to complete the exam.
You will be allowed one sheet of notes (one side). This sheet may contain definition, facts and basic properties. However, it should not contain any worked examples.
The exam will cover sections 13.1, 13.2, 13.3, 13.4, 13.5, 14.1, 14.2, 14.3 (definition of arc length only), 15.1, 15.2 (you will only need to be able to show that limits don’t exist using different paths of approach), 15.3 and 15.4.
On Tuesday October 12 we will cover sections 13.6 and 13.7 but you will not be responsible for this material on the exam.