

**Math 116**  
**Spring 2009**  
**Midterm 1 Review**

You are allowed to use one 8.5"x11" sheet (both sides) of notes and a basic graphing calculator. No other notes, books or computational aids will be allowed.

The exam will cover sections **5.1-5.6, 6.1-6.8, 7.1-7.3** and **15.1-15.5**.

The exam will consist of three types of questions: True and False, Multiple Choice and Short Answer. The True and False and Multiple Choice sections will consist of about 4-5 basic knowledge questions each, such as definitions or questions which require a short calculation to solve. The Short Answer section will consist of two questions with multiple parts. Each part will require more specific work than the other two sections. There is no partial credit for the True and False and Multiple Choice questions. Partial credit is available for the Short Answer section.

The following are suggested problems to try in order to review for the exam:

**Ch 5:** 9, 11, 23, 27, 33

**Ch 6:** 5, 9, 13, 29, 37, 43, 49

**Ch 7:** 9, 13, 15, 19, 21

**Ch 15:** 7, 9, 15, 23, 31, 43, 45, 49, 53

In addition to the questions above, you should know all of the definitions given in lecture for each of the topics covered.