Assignment 1

1. In our textbook by Krantz, read sections 1.3–1.7, 2.1–2.4, and the essay of Bressoud on pp. 173–182.

2. Write an essay about one page long describing
   - what you believe are the most important components of good teaching; and
   - what you hope to gain from this class.

   The essay should be turned in to my mailbox by next Wednesday, August 27, by 5:00 PM.

3. Choose a textbook from an elementary class taught here in the Math Department, such as College Algebra, Trigonometry, or one of the Calculus classes. Copy the homework exercises from one section (or borrow the textbook from a colleague or from the department) and prepare solutions to 3 or 4 homework problems. Be prepared to present any one of those solutions at the board next week. Your presentation should be styled as if the students have already heard a lecture on that subject during the previous class period or two, and this is a quick answer to a question before a lecture on a subsequent topic. Make sure your presentation will take no more than 5 minutes.