Math 1230
Differential Calculus, Assignment 1.

All questions are from Adams and Essex, 8th ed.:

To be handed in at the beginning of class on September 26:

Section P1: 42 (Either use geometric reasoning as suggested, or direct computation is OK too)

Section P4: 6

Section P5: 27 (I know the answer is in the back of the book, you will be marked on your method)

Section P7: 4, 24 (For question 24: Be sure your graph is carefully drawn and labeled with relevant information, such as amplitude, period, y-intercept, etc.)

Section 1.2: 20, 24

Remark: Solutions with logical gaps or missing steps will not receive full credit.

Suggested practice problems NOT TO BE HANDED IN:
Section P1: 13–26, 33–40.

Section P4: 11–38.

Section P5: 7–10.

Section P7: 1–16.

Section 1.2: 1–36.

Section 1.3: 1–26.

Remark: It is unlikely you will find time to complete all the suggested practice problems. You should do as many as needed from each section to be confident that you can do even the most difficult problems from the ones listed.