1 Introduction (September 5)

Goal: To remind ourselves as to what calculus is all about!

1.1 What is this course and who is it for?
- Second semester calculus.
- Advanced Placement.
- Honors.

1.2 What is calculus?

1.3 What is a derivative and what does it measure?

1.4 Expectations.
- What I expect of you.
- What you should expect from me.

Homework.

1. Do the following problems to turn in (Due Friday since we will be in the lab on Thursday). The problem numbers in boxes are those for which special attention will be paid by the grader. (See syllabus for details.)

   pages 228–230 84, 85, [86], 87, 99, [100], 121, [122], 125, 159, [160]

2. Additionally, practice your differentiation skills by doing many of problems 1–80 on pages 228-229. (How many is many? As many as you need!) These do not have to be turned in but you can be sure that your differentiation skills will be assessed on Wednesday.