MATHEMATICS 19A
CALCULUS
KASS

Homework Set 8

Make sure to read sections 4.3, 4.4, 4.5.

1. Chapter 4.3 (The Mean Value Theorem and Monotonicity), Exercises 20, 31, 36, 42
2. Chapter 4.4 (The Shape of a Graph), Exercises 6, 14, 29, 37, 44, 52.
3. Chapter 4.5 (L'Hopital's Rule), Exercises 19, 25, 38, 50.

Citing resources:
Please write a one paragraph describing the resources you used when working on this problem set. This could include people (students, professors, parents, etc) you talked about the homework with and online resources or books you consulted. A sample paragraph might be:

"This week I worked on the homework problems collaboratively at the the Red Room with my roommate and the bartender. We didn't understand the book's description of the 7-dimensional sphere, so we did a google search which led us to a YouTube video (http://youtube.blah.com) which clearly explained the topic. Then we checked our answers against an online solution key that we found on the webpage: http://blah.blah.edu."

This paragraph is required even if the only resource you used is the course textbook. You can use any and all resources you want when working on the homework, but failure to cite the resources you used honestly and accurately will be considered academic misconduct. Furthermore, the written solutions you submit should be written in your own words.

You can find some resources (e.g. your friend who took calculus last semester or WolframAlpha) that can provide you with the homework answers without helping you understand the material. I discourage you from using resources like this as it won't help you learn the material (or do well on the exams).