Final Exam Review

This review is meant as a general overview the topics covered Dr. Kahn’s Calculus I course this past semester. In broad terms we covered explicitly chapter 2, 3, & 4 on Limits, Continuity, Differentiation, & Applications. In addition we implicitly utilized chapter 1 on algebra and trigonometry. Specifically we covered 2.1-2.7, 3.1-3.7, 4.1-4.6, and 4.8. You should know all definitions, theorems and techniques outlined in the text, and be comfortable with the properties and examples throughout the above chapters as well as know how to solve the exercises and homework problems. Below I provide some good places to look for sample problems.

1. Following each chapter is a ‘chapter review’ and ‘practice exercises’. These are excellent ways to practice your skills on general problems.
2. Retake each of the three exams and all quizzes. The blank pdf’s are available from the class website and the exams even have accompanying solution sets.
3. Complete the worksheets discussed in class.
4. Go back and finish the homework problems you did not have time to work through during the semester. (recommended problems?)
5. Read your notes. You attended class, make use of that investment.
6. Read the book. You bought it, use it.
7. If after all of this you still want to study, do the advanced exercises after each chapter. They are interesting and hard.
8. **Sleep and eat as normally as possible during finals week.** You’re not a machine so don’t treat yourself like one.