Homework Assignment 11

Assigned Tuesday November 19; due Friday November 29, 2PM at SS 1071

web version:
http://www.math.toronto.edu/˜drorbn/classes/0203/157AnalysisI/HW11/HW11.html

Required reading

All of Spivak Chapter 12.

To be handed in

From Spivak Chapter 12: 1 (even parts), 8, 15, 20.

Recommended for extra practice

From Spivak Chapter 12: 1 (odd parts), 5, 11, 18, 23.

Remember

You *really* understand a mathematical definition / theorem / claim / lemma / anything only when you have fully internalized it and made it your own. Check if you can say to yourself one of the following:

- "Gosh this is so f-g right. I would have done it in just the same way" (sometimes add: "if I was a little smarter when the issue first came up").

- "Hey, I can do it better! Here's how. . . ".

It's worthwhile! Your grades will be higher, you will have gained more from this (and other) classes, and there is a lot of satisfaction and joy when you succeed. I internalized this sometime in my second year as an undergrad and it was the most important thing I learned that year.