Calculus III Honors Spring 2012
Homework 7
Due: Fri. Mar. 30, start of class

Instructions: Please read the homework policies and guidelines posted on the course webpage. You may *not* use a calculator (or computer) except where stated. Make sure to write your name, course and section numbers in the top right corner of your solution set, as well as the assignment number on top. Page/section numbers refer to the course text.

Reading

Review the series convergence tests and read 12.7.

Conceptual Questions

1. When can you find the limit of a convergent series?

2. What convergence tests are the most powerful? What are the easiest to use?

Written Assignment

Total: 100 points. Each problem is worth 10 points unless otherwise noted.

Section 12.5: 17, 35

Section 12.6: 17, 24

Section 12.7: 4, 7, 13, 23, 24, 31