Name: 

Math 315: Advanced Calculus
Problem Set #4
Due Nov. 19, 2002
4:30 p.m.

For the next two problem sets, you will be assigned more than you are asked to turn in. Some of them are “practice” and you find them easy. You must turn in the starred (*) problems. Please turn them in on the appropriate pages below.

Assigned:
Section 6.1: #3, #5, #8*
Section 6.2: #2, #6*, #13
Section 6.3: #3, #10(a)*, #13
Section 6.4: #5(a),(e),(o),(p), #9*, #10(d), 14-15 (this is one problem).
Section 6.5: #1, #9(d),(g),(h), #10(b),(e), #11*, 20.

1. Section 6.1, #8 (If you use the suggestion in the back of the book, you must prove it!)
2. Section 6.2, #6
3. Section 6.3 #10(a)
4. Section 6.4 #9
5. Section 6.5 #11