

## MATH 104-1: Introduction to Analysis

Homework #6

*Due October 14, 2015*

All problems are from Ross, *Elementary Analysis*, unless stated otherwise. If you use an exercise that has not been shown on a previous assignment, prove it first before applying it.

1. Exercise 17.10
2. Exercise 17.12
3. Exercise 18.8
4. Exercise 18.9
5. Exercise 18.10
6. Exercise 19.2(a)(c)
7. Exercise 19.4
8. Exercise 19.10