

## MATH 104-1: Introduction to Analysis

Homework #5

*Due October 7, 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 14.5
2. Exercise 14.6
3. Exercise 14.8
4. Exercise 14.12
5. Exercise 15.6
6. Exercise 15.7
7. Exercise 17.6
8. Exercise 17.14