MATH 104-1: Introduction to Analysis
Homework #4
Due September 30, 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 11.4

2. Exercise 11.6

3. Exercise 11.8

4. Exercise 11.10

5. Exercise 12.2

6. Exercise 12.4

7. Exercise 12.8

8. Exercise 12.12