

MATH 104-1: Introduction to Analysis

Homework #9

Due November 12, 2015

Please note that due to the holiday on November 11, this homework is due by NOON in Evans 749 on Thursday, November 12.

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

1. Exercise 24.2
2. Exercise 24.10
3. Exercise 24.12
4. Exercise 24.13
5. Exercise 24.17
6. Exercise 25.2
7. Exercise 25.6
8. Exercise 25.12