MTH 320: Homework 3

Due: September 22, 2017

1. Read Sections 9-11 in Ross.

2. Recommended but not required: Look at question 7.3 and decide if you expect each sequence to have a limit, and if so, what you expect that limit to be. [This is intended to build your intuition.]

3. Do problems 4.7, 4.11, 4.12, 4.14, 8.1(b), 8.2(d),(e), 8.3, 8.5, 8.9, 9.1(b), and 9.3 in Ross.

    NB: We are not going to properly define the sine function in this class. In 8.2(e), you can assume it works as you learned in your trigonometry course.