

## Section 8.1: An Overview (of Sequences and Series!)

MATH 131: Calculus II, Section 2

Name (Print): \_\_\_\_\_

Due: Monday, November 5, 2018 at the beginning of class

After reading Section 8.1 (pages 596-604 in the text), respond to the following questions **on this handout**. Be sure to staple your pages together before turning it in if they are not double sided. **You must answer all parts to all questions to earn full credit!!! Also, use FULL SENTENCES to answer questions that require words.** See the salmon homework guidelines handout for details.

### Response Section

1. (a) State the definition of a sequence.

(b) Give two examples of sequences.

2. State the definition of the limit of a sequence.

3. Do Exercise 2 in Section 8.1 on page 604 of our text.

4. (a) State the definition of an infinite series.

(b) How is an infinite series different than a sequence? Use a complete sentence to answer.

5. Do Exercise 8 in Section 8.1 on page 604 of our text.

### Questions/Overview Section

6. Write down any **questions** you have on the reading. Be as specific as possible! See the salmon homework guidelines handout for details.

### Reflection Section

7. Write **two or three** sentences reflecting on the process of your work so far in the course. See the salmon homework guidelines handout for details.

### Time Section

8. How much time did you spend on this reading assignment? \_\_\_\_\_