MATH 302. Fall 2020.

Homework #7. Due: October 13, 11:30pm. No late homework will be accepted.

Please write down clearly or type your solutions. It can be considered incorrect if it is hard to read. Collaboration is allowed, but everyone must write down and submit his/her solutions in his/her own words. Please submit your work to Gradescope.

All the questions mentioned below are in the Exercise part of the corresponding sections in the textbook.

- Required submission questions:

    - Section 5.1: 6, 14, 36, 40.
    - Section 5.2: 12, 14.
    - Section 5.3: 4, 12, 24, 50. **For problem 12 in Section 5.3, f_n denotes the n-th Fibonacci number which is defined in Page 167 of the textbook.**

- Suggested practice:

    - Section 5.1: 5, 16, 28, 42, 62, 65.
    - Section 5.2: 10.
    - Section 5.3: 14, 18, 47.