

# Math 32A - HW 1

September 28, 2025

## 1 Preamble

This is the first weekly problem set in Math 32A, it will be due by the end of the day (11:59 PM) Monday October 6, 2025 via gradescope.

## 2 Problems

The homework is to complete the following problems from *Calculus, 4th ed.* by Rogawski, Adams, and Franzosa. Because it is the first homework of the course, and most of the problems are rather quick, there are more than you should expect to have in the future.

1. Section 13.1: Problems 2, 3, 5-8, 9-10, 26, 37, 46, 64
2. Section 13.2: 11, 26, 34, 35, 48, 63

### 2.1 Optional Problems

Below are some optional problems to test your ability to apply the material a bit beyond the contexts we've discussed in class. They will not be part of your grade, but you may find them interesting to think about.

1. Section 13.1: 68, 72
2. Section 13.2: 71, 79