

Math 32A - HW 2

October 6, 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) Tuesday October 14, 2025 via gradescope.

2 Problems

The homework is to complete the following problems from *Calculus, 4th ed.* by Rogawski, Adams, and Franzosa.

1. Section 13.3: Problems 10, 16, 26, 40, 48
2. Section 13.4: 5, 14, 26, 42, 50
3. Section 13.5: 15, 18, 28, 56

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 13.3: 82, 90
2. Section 13.4: 74, 81
3. Section 13.5: 71, 72