

Math 32A - HW 5

October 26, 2025

1 Preamble

This is the fifth weekly problem set in Math 32A, it will be due by the end of the day (11:59 PM) Monday November 3, 2025 via gradescope.

2 Problems

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

1. Section 14.5: 4, 12, 24, 29, 36, 38
2. Section 14.6: 2, 5, 6, 8

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 14.5: 57
2. Section 14.6: 17, 18, 19, 23, 24 (although much of the interest here is for those interested in physics).