

Math 102, Spring 2025 — Homework 8

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Due April 11 at 5:00 pm

Instructions. This problem set contains problems from Week 10 of class. The problem numbers refer to our textbook, *Calculus*, by Hughes-Hallett et al, 7th edition.

Problem 1. Please do the following textbook problems:

- Section 9.4: 9, 10, 16, 18, 26, 27, 38, 44, 46, 48, 64, 66, 72, 78, 80, 82

Problem 2. If you liked the problems above or want more practice, our textbook has more great problems. The odd-numbered ones have solutions in the back. Here are some that I recommend (as optional, not to be turned in):

- Section 9.4: 64-92 all

Feel free to try others, including the problems in the main sections, which include full explanations.