

Basic Information

This assignment is due on Gradescope by **3:00 PM on Friday, April 24.**

Make sure you understand MHC [honor code](#) and have carefully read and understood the additional information on the [class syllabus](#). I am happy to discuss any questions or concerns you have!

A major component of this class is helping you understand *why* the mathematics you use works the way it does. To that end, make sure you show all your work as you will be graded on the *process* you use, not just your final answer. And if a question asks you to explain why something is true, be sure to answer that part of the question in complete sentences. Remember, answers without any work will receive 0 points.

The homework problems will be graded anonymously so please do not put your name or other identifying information on the pages.

Turn-In Problems

- 5.1: 12, 14 (note #12 is asking you to interpret the problem as an area)
- 5.2: 2, 4, 36
- 5.3: 10, 16
- 6.4: 12 Hint: The answer should be almost immediate if you use the Fundamental Theorem of Calculus II.

Additional Problems (to do on your own, not to turn in)

- 5.1: 9, 15
- 5.2: 1, 3
- 5.3: 9, 15,
- 6.4: 11