

## Basic Information

This assignment is due on Gradescope by **1:30 PM on Tuesday, October 8**.

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

- 2.3: 6, 20, 24, 28 (for 20 you do **not** need to confirm it using difference quotients)
- 2.4: 6
- 2.5: 2, 4, 20
- 3.1: 10, 16

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

- 2.3: 7, 19, 23
- 2.4: 5
- 2.5: 1, 3, 21
- 3.1: 7, 11