

## Basic Information

This assignment is due on Gradescope by **3:00 PM on Tuesday, April 28.**

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

5.2: 30

5.3: 6, 12

5.4: 2, 4

6.2: 6, 8, 20, 36 44

6.4: 14 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)

5.2: 29, 35

5.3: 7, 11

5.4: 3, 5

6.2: 7, 9, 25, 35, 37

6.4: 13