

MAT 101 Calculus I

Homework 3

Basic Information

This assignment is due on Gradescope by **1:30 PM on Friday, February 6.**

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

- 1.1: 18, 38 (very briefly explain each answer)
- 1.3: 18, 42
- 1.4: 2, 4, 8

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

- 1.1: 17, 37
- 1.3: 19, 43
- 1.4: 1, 5, 7