

Basic Information

This assignment is due on Gradescope by **1:30 PM on Friday, September 20**.

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

1.3: 10, 36, 38

1.6: 12, 44 (You can use Desmos for these two problems)

1.7: 2, 6, 16 (give brief justification of the last problem)

1.8: 2

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

1.3: 11, 37, 39

1.6: 13, 45

1.7: 3, 5

1.8: 1