Homework Ten

Calculus I

College of the Atlantic

Due Friday, March 12, 2021

There are two parts to this assignment.

Part 1: Edfinity. There is no edfinity assignment this week.

Part 2: Problems from the Textbook. Here are some instructions for how to submit this part of the assignment.

- Do the problems by hand using pencil (or pen) and paper. There is no need to type of this assignment.

- Make a pdf scan of your work using genius scan or some similar scanning app. Please make the homework into a single pdf, not multiple pdfs.

- Submit the assignment on google classroom. Please don't email it to me. (Between my two classes I will be receiving over 40 assignments a week. Keeping track of them all in email is challenging.)

- If you want, you can do one or more of problems in pairs and hand in only one set of solutions.

Chapter 4.2:

1. 35

Chapter 4.4:

1. 36
2. 45

Chapter 4.5:

1. 4
2. 6
3. 10

Chapter 4, Project 3 (pages 253–4)

We'll work through this in class on Wednesday. Do not do question a.ii. For part b, after taking the derivative and setting it equal to zero, you may get an equation that is difficult to solve. You can use wolframalpha to solve it for you.