

**Homework Four**  
**Calculus III**  
**College of the Atlantic**  
**Due Friday, October 6, 2017**

Please print out this cover sheet and attach it to your problem solutions. Completed assignments should go in my mailbox or be handed in during class. Please don't hand them to me other times, as I might end up losing them and that would make us both sad.

**Your Name:** \_\_\_\_\_

**Please list all the students you collaborated with on this assignment:**

_____	_____
_____	_____
_____	_____

**Did you get help from Alba or Vishal?**

**Did you consult any resources other than our textbook or classnotes? (If yes, please include citations in your solutions.)**

**Were you able to get enough help so you could complete this assignment to your satisfaction?**

**Approximately how many hours did you spend on this assignment?**

**Anything else of note about this assignment? (It was too hard, too easy, lots of fun, too repetitious...)**

The work I am turning in for this assignment is an accurate reflection of my own understanding of the material.

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

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**Chapter 14.6:**

1. 18
2. 22

**Chapter 15.1:**

1. 8 (Don't use the second-derivative test. Just plot the function.)
2. 78

**Chapter 15.2:**

1. 18

**Project 5, page 823**

1. 2a
2. 2b
3. 2c

**Review Exercises, page 820**

1. 32