Written Assignment 01

Math 2550, Summer 2016

The purpose of this assignment is to help you prepare for an upcoming midterm.

- This assignment has roughly the same number of questions as a midterm, so you should be able to complete this assignment in roughly the same amount of time as a midterm.
- Questions from your midterm may be similar to those you encounter in this assignment.
- **Not all questions may be graded.**
- Solutions will be posted shortly after your assignment is due. Compare your work with the solutions to help you see where you may have made errors.

Questions

1. (12 marks) 12.5: 62
2. (3 marks) 12.6: 38. Don’t forget to label your axes.
3. (6 marks) Chapter 12 Practice Exercises: 54
4. (3 marks) Chapter 12 Practice Exercises: 76
5. (6 marks) 13.2: 32
6. (8 marks) 13.3: 10
7. (6 marks) Chapter 13 Practice Exercises: 24
8. (6 marks) Chapter 13 Practice Exercises: 28

Submission Instructions

Please follow these instructions for your assignment.

- Please submit your work at the beginning of class on the day it is due (check your syllabus for the specific due date).
- Late submissions are not accepted.
- You are encouraged to work with other students, but your solutions must be your own.
- Please clearly print your name at the top of the page.
- Show your work: for full marks, you must compose logical and precise statements to justify your reasoning and communicate your mathematical solutions.
- Double check that you are answering the correct questions. You may not receive credit for answering the wrong questions.
Written Assignment 02

Math 2550, Summer 2016

The purpose of this assignment is to help you prepare for an upcoming midterm.

- This assignment has roughly the same number of questions as a midterm, so you should be able to complete this assignment in roughly the same amount of time as a midterm.
- Questions from your midterm may be similar to those you encounter in this assignment.
- **Not all questions may be graded.**
- Solutions will be posted shortly after your assignment is due. Compare your work with the solutions to help you see where you may have made errors.

Questions

1. (8 marks) 14.1 24
2. (4 marks) 14.1 52
3. (4 marks) 14.2 50
4. (6 marks) 14.3 62
5. (6 marks) 14.4 18
6. (6 marks) 14.5 32
7. (8 marks) 14.6.14
8. (8 marks) 14.6.22

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- Please clearly print your name at the top of the page.
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Written Assignment 03

Math 2550, Summer 2016

The purpose of this assignment is to help you prepare for an upcoming midterm.

- This assignment has roughly the same number of questions as a midterm, so you should be able to complete this assignment in roughly the same amount of time as a midterm.
- Not all questions may be graded.

- Solutions will be posted shortly after your assignment is due. Compare your work with the solutions to help you see where you may have made errors.

Questions

1. (12 marks) 14.7.32
2. (10 marks) 14.8.24
3. (4 marks) 15.2.38
4. (4 marks) 15.2.72
5. (8 marks) 15.3.26
6. (6 marks) 15.4.24
7. (6 marks) Chapter 14 Additional and Advanced Exercises, #11

Bonus Questions

A. (5 marks) Chapter 14 Additional and Advanced Exercises, #22
B. (5 marks) Chapter 15 Additional and Advanced Exercises, #25

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- Please clearly print your name at the top of the page.
- Show your work: for full marks, you must compose logical and precise statements to justify your reasoning and communicate your mathematical solutions.
- Double check that you are answering the correct questions. You may not receive credit for answering the wrong questions.