

Math 1C03 - Homework 5

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Due: Monday, March 28, 2022 by Midnight

Instructions (PLEASE READ CAREFULLY): For each question, please provide a full solution. If the question asks for an example or counter-example, please provide justification for your solution.

All solutions should be uploaded to [Crowdmark](#) with the correct orientation (i.e. please do not submit solutions that are sideways or upside-down). Please upload each solution separately in order to facilitate grading. Solutions type-set in \LaTeX are *strongly encouraged*.

Working in groups is not only allowed, it is encouraged, and completing the assignments on your own will probably be difficult. However, the final write-up should be completely in your own words. *Please list the people you worked with on your final submission.*

Note: these exercises are the bare minimum that you should be completing. To be successful in the course, you should be completing additional exercises from the text.

1. (10 Points) Textbook Exercise 5.4.1
2. (10 Points) Textbook Exercise 5.5.11
3. (10 Points) Textbook Exercise 6.1.2