

# Math 48A Exam 2 Information

## What day and how long is this exam?

- Exam 2 will be in-class on the Tuesday 2/21/2021 from 10AM – 12:15PM.
- Exam 2 will last for 135 minutes.
- If you need more time, you can work on this exam at home and submit your responses by or before Thursday 2/21/2021 at 10AM.

## What are the rules for this exam?

- Remember that this “exam” is practice for future quarters. I have a few goals in mind for this work:
  - a. Help you build test-taking skills
  - b. Help you assess your learning and figure out what your strengths/weaknesses
  - c. Give you targeted feedback
- You are welcome to use your class lesson notes, Desmos.com, your calculator, or any other resources you feel would be helpful to solve these problems
- Remember that mistakes are really important for learning mathematics. Part of this exam will be a corrections process. During that process, you will have a chance to identify any mistakes that you made, correct these, and get credit for this learning. In that way, you will complete two drafts of this exam:
  - a. First draft: The work you do during our in-class exam process
  - b. Second draft: The work you do on your exam corrections process
- Your final grade will be based on the work you submit for your second-draft version of the exam.

## What resources are allowed during this exam?

- You will need a number two pencil and an eraser.
- You may use a TI-83 or TI-84 series calculator. No TI-89 or TI-NSpire Calculators are allowed.
- You may use a note card no larger than 8.5 inches by 11 inches. You can write on both sides of this note card. This card **MUST BE HANDWRITTEN**. You will submit your note card with your exam.

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## What types of questions will be on this exam?

- This exam will include a collection of free response questions focusing on topics relating to Lessons 1 – 8 of our Math 48A course.

## How will the free-response questions be graded on the first draft?

- When reading your first draft grade, I will focus on the following aspects of your written work:
  - a. Readability and organization of your written solutions.
  - b. Correctness: can you build the correct solution based on your knowledge.
  - c. Evidence of your reasoning.
  - d. Proper use of function notation.
  - e. Use of definitions, techniques, and theorems from in-class discussions and homework.
- You will be graded on proper use of vector notation and partial derivative notation on this exam. Be sure to include BOTH correct answers and your workflow. Correct answers with no supporting work will not earn full credit.

## How will the second draft be graded?

- Remember that your final grade is not based on your performance on the first draft. Because mistakes are a crucial component of the learning process, I do not employ the process of punitive grading. Instead, the first draft is your chance to evaluate your learning with some skin in the game. After you finish your first draft, I will grade your work and return this document. At this point, you can get to work on your second draft. We'll talk through the second draft grading process as we complete this together.

## What content will be on this exam?

- Exam 2 is based on all content presented during in-class meetings starting on the first day of the quarter and continuing through and including the content covered through lesson 9.
- You can find the material we covered in class our Lesson Handouts available on our [Math 48A course homepage](#).
- This exam will focus on the material we spoke about in class: please use your lesson notes as your primary document to help prepare yourself for this exam.