

Quiz Corrections

For this part of the assignment, you will correct your quiz and rewrite correct solutions to the problems you made errors on. You can get help with this! Work with a friend, ask your TA or instructor for help in Office Hours, talk about the problems in the math help room. If you earned 100% on the quiz you can move on to section (2) below and complete the quiz wrapper.

You will put the updated problem in the “Problem number and corrected work” in the first column of the table below.

In the column “Please explain your original mistake(s) and how you fixed them” you should explain what error

occurred in your original submissions and then what you did to correct it.

Here are some questions to think about for filling in this column:

- Did you make a calculation error(s) (you plugged a number in incorrectly or missed a set of parentheses)?
- Did you solve using the wrong operation (you did not distribute, you made a mistake with logarithm or exponent rules, or you made a mistake)?
- Did you make a transcription error (you wrote 2 but it was supposed to be 5)?
- Did you have a conceptual error (you did not apply a limit or derivative rule correctly or misinterpreted a rate or quantity given to you in the problem)?
- Did you miss a key problem-solving step (you did not draw and label a diagram, you misidentified the knowns and unknowns, or you plugged in known quantities too early)?
- Could you not formulate an approach to the problem (you did not know where to start)?

Quiz Corrections Example

Problem number (3b); the correct answer:

$$\lim_{x \rightarrow 0} f(x) = \text{DNE}.$$

My explanation:

When I first did this problem, I thought that the answer was 1 because the function is defined at 0 and $f(0) = 1$, in Figure 1. I did not check the limits from the left and from the right; this was a concept I did not fully understand.

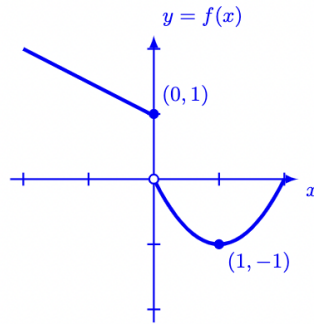


Figure 1: Graph of piece-wise defined $f(x)$ from problem (3b).

A TA helped me understand that I need to look at the limit as x tends to 0 from the left and the limit from the right. So, I looked at the limits as x approached 0 from the left and got 1 and the limit as x approached 0 from the right and got 0. Because these limits do not match (1 is not 0) the limit as x goes to 0 does not exist.

Quiz Wrapper

1. Do you think the problems on the quiz reflected the topics covered in class and in the homework?
If your answer is NO, please explain.
 YES
 NO

2. Did the grader's comments and your quiz corrections give you an adequate revision of your understanding of the concepts assessed in the quiz?
If your answer is NO, please explain.
 YES
 NO

3. What percentage of your preparation for the quiz was done alone and what percentage was done with one or more persons?

% Alone	% With other(s)
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4. How much time did you spend reviewing or studying with each of the following:
 - Reading class notes
 - Reworking homework problems
 - Working out practice quiz problems (without looks at the solutions)

- Reviewing practice quiz solutions
- Reading the book
- Working out additional problems

5. Now that you have looked over your quiz and corrected it, estimate the percentage of the points you lost due to each of the following:
- % from not understanding a concept
 - % from not being careful (i.e., careless mistakes or small computational errors)
 - % from not being able to formulate an approach to a problem
 - % from other reasons.

Please explain:

6. Based on the estimates above, what will you do differently in preparing for the next quiz? For instance, will you start studying earlier, will you use practice quizzes without looking at the solutions first, will you spend more time working on a particular concept? Please be specific.

7. Is there anything we can do to help?

Quiz Retake

A quiz retake will be available during the week of Project 3. You will be able to retake either Quiz 1 or Quiz 2. If you wish to retake either Quiz 1 or Quiz 2, you must bring your corrections and wrapper along with you and submit them along with your quiz retake. This will help us understand how the quizzes are going and reflect on your progress.

Individual assignment for Final Portfolio

Quiz corrections & Section 2 Quiz wrapper are to be included in your final portfolio.

Further Reading

Want to read more about the value of exam or quiz wrappers? How does this help bolster your study skills and ability to use assessments to create learning? Engaging with a reflective activity like an exam wrapper after an assessment can help you

- identify your own individual areas of strength and weakness to guide further study;
- reflect on the adequacy of your preparation time and the appropriateness of your study strategies; and
- characterize the nature of your errors to find any recurring patterns that could be addressed. Read more about reflection and exam wrappers from Marsha Lovett at the Eberly Center for Teaching and Learning at Carnegie Mellon.