

**MATH 2110Q - Multivariable Calculus
Fall 2017**

EXAM 1 REVIEW IN PAIRS (OR MORE)

Try to work on these practice exercises in pairs (bigger groups could work too). **The idea is that you would work on the exercises in one list, and a classmate would work on the exercises in the other. Then, you would take turns explaining your work to one another.**

The exercises are even-numbered so the answers are not in the back of our text. The goal is to get to a point where you can confidently complete these with supporting work and reasoning to convince yourself (and your peers) that you are correct. You are of course welcome to try similar exercises that are odd-numbered. Two things are key here:

- Always make sure you can justify your work.
- Questions are significantly easier when you know what section they come from. Once you work out the answer to a question, go back to the start and think about how you would identify the appropriate method/approach to use if it came up on the exam.

Just like our practice exam, these are not exhaustive—make sure to look over WebAssign, worksheets, quizzes, and notes from class to get a complete overview.

12.1.6	12.1.8
12.1.16	12.1.14
12.6.4	12.6.2
12.6.6	12.6.16
12.6.18	12.6.20
12.2.20	12.2.14
12.2.24	12.2.26
12.3.18	12.3.20
12.3.56	12.3.24
12.4.2	12.4.32
12.5.4	12.5.14
12.5.24	12.5.34
12.5.54	12.5.48
14.3.6	14.3.18
14.3.20	14.3.60
14.4.6	14.4.4
14.6.12	14.6.14
14.6.22	14.6.28
14.7.18	14.7.10
15.1.18	14.7.14
15.1.38	15.1.16
15.2.14	15.2.16
15.2.52	15.2.48
15.3.4	15.3.8
15.3.20	15.3.26