

MTH-2010
DR. GRAHAM-SQUIRE

TEST 2 REVIEW

- Test 2 will cover everything from Chapters 3-5. While there will be a few easier, calculation-based questions on the test, the bulk of the questions will be closer to the types of things we have covered in class and the questions that you find at the end of each section of the textbook. There will also be a few multiple-choice questions similar to the types of questions on the Pearson licensure test.
- The test will take the whole class period, and you can leave as soon as you finish.
- To prepare, I recommend you look over the materials we have used in class and end-of-section problems (there are also end-of-section practice exercises that also have answers, and these are good too. I will focus on the problems, though, since those don't have answers). You can also look at my website (look on blackboard for the link) to find the versions of Test 2 that I gave in past years if you want to use that for practice as well. As usual, I recommend that you spend time attempting to work problems that you have not already worked, as this is the best practice for the types of thinking you will have to do on the test.

Although ALL of the end-of-section problems are probably good, here are some of the ones that I think are most important to look at. We will have time in class on Wednesday where you can work on these problems and ask questions, but I recommend that you look over the questions BEFORE coming to class on Wednesday. That way, you can ask questions in class for the ones that you do not understand. I expect everyone to have questions or material to work on. If it seems like students are not focused on studying for the test, we will skip the review session before the next test.

Here are the good problems to work. I know this is a lot, so if you do not want to write them all out, I recommend that you at least read over the problems and think through how you would solve them. If you are having trouble, then that is probably a good problem for which you should write out a full solution.

- Section 3.2: #9, 11
- Section 3.3: #5, 11
- Section 3.4: #11, 14, 21, 23
- Section 3.5: #3

- Section 4.1: #8, 9 (The answers to these are on the Section 4.1 video)

- Section 4.2: #3
 - Section 4.3: #10, 13, 16
 - Section 4.4: #5, 9, 14, 16
 - Section 4.5: #7, 12, 15
 - Section 4.6: #8
-
- Section 5.1: #6, 15
 - Section 5.2: #3, 9
 - Section 5.3: #2
 - Section 5.4: #5, 12