MTH-2010, SPRING 2017
DR. GRAHAM-SQUIRE

TEST 3 REVIEW

- Test 3 will cover all of Chapters 6 and 7 and sections 8.1-8.5. While there will be a few easier, straightforward-type questions on the test, the bulk of the questions will be closer to the types of things we have covered in class and on homework. There will also be a few questions similar to the types of questions you will have on the MTEL 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 in the textbook, and these are good too. I will focus on the problems, though, since those don't have answers). You can also use the old tests on my website. The following questions are applicable to this test:

  Spring 2015: Test 2 #2, 11, 12; Test 3 all questions except 1d and 2.

  Fall 2014: Test 2 #3c,13; Test 3 all questions except 6 and 11.

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 materials to work on.

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 6.1: #5, 8
- Section 6.2: #5, 13
- Section 6.3: #5, 20, 22, 24
- Section 6.4: #7, 14
- Section 6.5: #7, 11
- Section 6.6: #4, 12

- Section 7.1: #5, 8
- Section 7.2: #3, 13, 19
- Section 7.3: #8

- Section 7.4: #6, 12
- Section 7.5: #5, 9, 24

- Section 8.1: #7
- Section 8.2: #7
- Section 8.3: #9, 15
- Section 8.4: #5
- Section 8.5: #13, 21