

MTH-2010, SPRING 2017
DR. GRAHAM-SQUIRE

MINITEST 1 REVIEW

- Minitest 1 will cover everything from Chapters 1 and 2. While there will be a few easier, more straightforward 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 questions similar to the types of questions you will have on the Pearson licensure test.
- The Minitest will take about 30-35 minutes of class time, so you can expect it to be about twice as long as the first quiz.
- 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 the Minitest 1s that are on my website (Fall 2014 and Spring 2015)—remember that the most effective way to use that resource is to actually sit down and *try to take the test on your own, with no notes*. Then check the answer key to see if you have any mistakes. Although it is more mentally taxing, the act of testing yourself gives bigger learning gains than just looking over an answer key.

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 (these are generally ones that were NOT assigned for homework). We will have time in class on Wednesday where you can work on these problems and ask questions, but it might be worth your while to look at them before class on Wednesday as well, so you can spend the time in class focusing on the questions that give you the most difficulty.

Here are some 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 to work on.

- Section 1.1: #7
- Section 1.2: #10, 14
- Section 1.3: #6, 7, 13
- Section 1.4: #4, 6
- Section 2.2: #8, 12, 15, 22
- Section 2.3: #3, 9, 11, 17, 21
- Section 2.4: #7, 9, 18, 20 (for #9, feel free to use a calculator to help you)
- Section 2.5: #3, 8, 12, 20