

Review Problems for Midterm 1 – Math 1060

Exam is Tuesday 2/21 in Class

(Save this as reference for the final exam)

Please refer to your text, class notes, worksheets and quizzes as you prepare for your first exam. Additionally you should refer to the class web page (<http://courses.math.uconn.edu/math-1060/>) for additional help by clicking on the learning activities link for videos that you can use for review. Use your calculator appropriately; on the exam, **all work that leads to the answer** must be included in order to earn credit. Also note that **your calculator rounds answers** – so a question asking for an exact answer may require you to work without a calculator.

The problems listed are odd-numbered problems which will enable you to determine right away if your answer is correct. You should have the student solutions manual, in which case you can see the step-by-step solutions that will provide additional support. You can make a note of any items that may be problematic and we can review those problems during the review session and in your discussion. Exam information will be posted on the class web page as soon as the room information becomes available (see above) and can be accessed by clicking the exam info link.

Here is a suggested list of practice problems for review, this is extensive and meant to be a thorough review. Exam items *will not necessarily be exactly like the problems listed*, however, exam items will cover the concepts that are reflected in the problem set. It is worth noting at this time that the final exam is cumulative.

1.1 – 17, 19, 21, 25, 31, 33, 43

1.2 – 9, 11, 19, 21, 23, 25, 27, 29, 47, 49

1.3 – 19, 23, 31, 35, 37, 41, 43, 51, 55, 59, 65, 67, 69, 71, 73, 79, 95

1.4 – 11, 13, 21, 23, 27, 31, 35, 39, 47, 51, 53, 55, 57, 59, 65, 77, 81, 83

1.5 – 15, 17, 23, 25, 29, 33, 35, 37, 41, 43, 61, 63, 71, 73

1.6 – 11, 27, 35, 37, 39

1.7 – 9, 11, 13, 15, 19, 31, 35, 47, 51, 55, 57

1.8 – 3, 5, 7, 9, 13, 15, 17, 19, 21, 23, 31, 33, 35, 37, 43, 45, 47, 51

1.9 – 9, 13, 15, 17, 19, 23, 31, 33, 35, 37, 38, 39, 45, 49, 53, 57, 59, 69, 71, 73, 83, 87

Ch. 1 Review Exercises – 11, 13, 17, 21, 33, 39, 47, 49, 53, 57, 59, 65, 85, 87, 91

Chapter 1 Test – 7, 9, 11, 13, 15, 19, 21

2.1 – 17, 19, 29, 31, 37, 39, 43, 45, 47, 49

2.2 – 15, 17, 19, 21, 29, 35, 37, 41, 51, 53, 65, 67, 75, 77, 97

2.6 – 5, 7, 9, 11, 15, 17, 23, 73, (89, 91 – just determine multiplicity)