

## Review Problems for Final Exam – Math 1060

Wednesday, December 16 – 1:00-3:00 pm

Time/location subject to change - Confirm via Student Admin

Please refer to your text, class notes, worksheets and quizzes as you prepare for the Final Exam. Additionally you should refer to the course web page (<https://courses.math.uconn.edu/fall2020/math-1060-2/>) for help by clicking on the Learning Activities tab for videos that you can use for review. Use your calculator appropriately; **on the exam, you may not use a calculator**, and **all work that leads to the answer** must be included in order to earn credit.

The problems listed are odd-numbered problems which will enable you to determine right away if your answer is correct. If you have the student solutions manual, 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 ask your instructor to review those problems during in-class exam review. Exam information is posted on the common course web page and can be accessed by clicking the Exam Info tab.

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.

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, 35, 37, 41, 43, 51, 55, 59, 65, 67, 69, 71, 73, 79, 95

1.4 - 11, 13, 21, 23, 27, 39, 47, 53, 55, 57, 65, 77, 80

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

1.6 - 11, 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

Chapter 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, 78

2.2 - 15, 17, 19, 21, 29, 35, 37, 41, 51, 53, 65, 67, 75, 77, 89, 91, 97

2.6 - 5, 7, 9, 11, 15, 17, 23, 73

3.1 - 13, 15, 17, 19, 21, 23, 25, 26, 39, 41, 43, 51, 53, 63, 65, 69, 75, 77

3.2 - 7, 9, 15, 17, 19, 25, 27, 29, 31, 41, 43, 45, 73, 75, 79, 81

3.3 - 11, 13, 15, 17, 19, 21 – 35 (odd), 37 – 47 (odd), 59, 61, 63, 67 – 77 (odd), 83, 97 – 105 (odd)

3.4 - 7, 9, 11, 13, 17 – 39 (odd), 45, 49, 55, 59, 73, 75, 77

3.5 - 7, 11, 21, 23, 25, 29, 33, 43

Chapter 3 Review Exercises - 17, 19, 41, 43, 45, 47, 59, 61-67 (odd), 69, 73, 75, 77, 81, 83, 85, 93, 95, 99, 113

4.1 - 11-19 (odd), 35, 37, 51

4.2 - 7, 9, 11, 13, 17, 23, 27, 31, 33, 39

4.3 - 5, 7, 9, 13 – 29 (odd), 41, 43, 47, 49, 55, 57, 61, 63, 65, 67, 69, 70

4.4 - 9, 15, 19 – 22, 23, 25, 37, 39, 53, 59, 63, 65, 91, 93, 95, 97

4.5 - 5 – 17 (odd), 31 – 37 (odd – identify at least 4 points with exact values), 45, 47, 49, 51, 59, 83, 85, 93

4.6 - 15 – 21 (odd– be able to identify at least 4 points with exact values), 39, 41, 49 – 55 (odd), 85

4.7 - 6 – 17 (odd, answers should be exact – no decimal approximations), 53 – 61 (odd), 65 – 73 (odd)

4.8 - 5 – 11 (odd), 15, 19, 21, 25

Chapter 4 Review exercises - 1, 3, 5, 9, 11, 19 - 27 (odd), 33, 39, 47 – 57 (odd), 63, 65, 67, 77-80, 87, 89, 93

5.1 - for reference – see page 350 for identities - 7, 15 – 23 (odd), 29, 31, 33, 45

5.2 - 9, 13, 17, 27, 35, 57

5.3 - 11, 13, 19, 25, 31, 33, 39, 41, 59, 63, 65

Chapter 5 Review exercises - 1, 3, 5, 7, 10, 23, 27 – 45 (odd)