

MATH 215 HOMEWORK-3

Part of the goal of this course is to learn how to communicate mathematics. With this in mind, try to clearly write up your solutions. On all problems, show work and justify solutions.

- (1) Due Wednesday April 5
 - (a) Read section 5.3
 - (b) Turn in section 5.2 problems 1, 2, 3, 4, 5, and 7.
 - (c) You should try to write problem 3 more formally. You should give justification on all problems.
- (2) Due Monday April 10
 - (a) Read section 6.1
 - (b) Turn in section 5.3 problems 1, 3, 5, 8, 10, 12
 - (c) Problem 12 is optional. Problem 12 should be turned in separately and include a precisely written explanation.
- (3) Due Wednesday April 12
 - (a) Read section 6.2
 - (b) Turn in 6.1 problems 1-5
- (4) Due Monday April 17
 - (a) Read section 6.3
 - (b) Turn in 6.2 problems 1, 2, 4, 7, 8, 9.
- (5) Wednesday April 19
 - (a) EXAM 3 IS TODAY!!!!!!!!!!!!!!
 - (b) The exam will cover material through section 6.2–Linear transformations.
- (6) Due Wed. April 26
 - (a) 6.3 Read. Turn in problems 1, 4, 6, 7, 9
 - (b) 7.1 Read. Turn in problems 1-3, 5, 7, 9
 - (c) 7.1 may be turned in to the math office by 5pm on Thursday.
- (7) Due Monday May 1
 - 7.2 Read. Turn in problems 1, 3, 4, 8, 9
- (8) Due Wednesday May 3
 - (a) Read 8.1
 - (b) Do problems 1, 2, 3, 5, 7, 8, 10, 11
 - (c) These problems may be turned in on Friday, May 5
- (9) The CUMMULATIVE Final Exam is on Friday May 5 from 5pm -7pm in our usual classroom.
- (10) Thanks for a nice semester!