

MATH 313 HOMEWORK 4, FALL 2015

DUE AT THE BEGINNING OF CLASS ON THURSDAY, SEPTEMBER 17

One goal for this course is for you to develop your skill in effectively communicating mathematics. With this in mind, you should clearly write up your solutions. Solutions with little or no justification will receive little or no credit.

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- (1) Make sure you have read through section 7 Part 2 of the Gallian textbook.
- (2) Prove parts 3, 5, and 7 of Theorem 6.2, page 133.
- (3) On pages 138 - 142, do problems 2, 16, 31, 32, 36, and 49.
- (4) On pages 156 - 157, do problems 1, 6, and 17.