

**MATH 515 HOMEWORK-2 DUE AT THE BEGINNING OF CLASS ON TUESDAY,
SEPT. 15**

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.

- (1) On page 30-31, do problem 34. Find formulas for each, but you only need to write up one proof.
- (2) Read chapter 2.
- (3) Do problems 1, 18, and 22 from chapter 2.
- (4) *To be posted by Friday.*