

## MAT 512, HOMEWORK 9

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

1. Do Exercise 11.2 in the textbook.
2. Do Exercise 11.4 in the textbook.
3. Do Exercise 11.5 in the textbook.
4. Do Exercise 11.12 in the textbook.
5. Do Exercise 11.17 in the textbook.