

Implicit in any homework problem is that you must explain why your answer is correct, even if the problem does not ask for a formal proof. You should write in complete sentences with reasonably correct grammar. Math 5345 is not a writing intensive course, but it *is* a 5000-level mathematics course, and at this level you're expected to be able to explain your work in a coherent, organized and logical manner.

## HOMEWORK ASSIGNMENT

**Section 3.1:** 3, 4. (10 for extra credit, handed in separately.)

**Section 3.2:** 1, 7, 8