

Math 202 — Homework #6

Due May 19, 2011

The page and problem numbers below refer to the third edition of Dummit and Foote's "Abstract Algebra."

- Sec 13.5, #3, 4, 5, 7.
- Sec 13.6, #4, 8, 10, 11, 12. Note: #13 is a proof of Wedderburn's Theorem, and #14–#17 give a proof of a special case of Dirichlet's Theorem, so you may want to look over, if not solve, these problems too.
- Sec 14.1, #1, 5, 7, 8, 9, 10.