## MATH 380, PROBLEM SET 6

## ANDREW J. BLUMBERG

## 1. Problems

## Extra practice with modules.

- (1) From Dummit and Foote 10.1: 5, 6, 7, 8, 15.
- (2) From Dummit and Foote 10.2:6, 10, 11.
- (3) From Dummit and Foote 10.3: 5, 6, 7, 13, 16, 17, 18.
- (4) From Dummit and Foote 10.4: 5, 6, 9, 15.