

Unless otherwise noted, homework problems are from *Abstract Algebra, 3rd Edition* by Dummit & Foote.

1. **[60pts (10pts each)]** From section 7.3 do problems 2, 6, 10, 16, 34, 35. (Don't worry, these are easy problems.)
2. **[90pts (30pts each)]** From section 7.4 do problems 14, 15, 17.