

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

1. **[40pts (10pts each)]** From section 7.1 do problems 3, 7, 8, 14
2. **[60pts (30pts each)]** From section 7.1 do problems 25, 26
3. **[20pts (10pts each)]** From section 7.2 do problems 1, 2
4. **[30pts (15pts each)]** From section 7.2 do problems 5, 13