Math 418: Problem Set 2.

Due date: In class on Wednesday, February 3.
Webpage: http://dunfield.info/418
Office hours: Monday 10-11, Tuesday 3-5.

All problems are from Dummit and Foote, Abstract Algebra, 3rd edition.

1. Section 8.1 #10.
2. Section 8.2 #5.
3. Section 8.3 #6.
4. Section 8.3 #11.
5. Section 9.3 #1.