

Math 418: HW 2 due Wednesday, February 4, 2015.

Webpage: <http://dunfield.info/418>

Office hours: Monday and Tuesday from 2:30–3:30pm and by appointment.

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.
6. Section 9.3 #4.