

## Problem Set 2

### Due: Thursday, January 26

Work all of the following problems. A subset of the problems will be graded. Be sure to adhere to the expectations outlined in the *General Problem Set Guidelines Sheet*.

Unless otherwise stated, all problems can be found in the appropriate *Exercises* sections of the text (*Abstract Algebra* by D. Dummit and R. Foote, 3rd Edition).

- Section 1.6 # 6, 7, 18, 24
- Section 1.7 # 3, 12, 15, 17