Problem Set 6
Due: Thursday, February 23

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 3.1 # 1, 3, 24, 36, 39

- Section 3.2 # 14, 18, 20