Exam 2

Due: Friday, May 2, 9:59pm

This is a take home exam. It is open book and notes, and you can talk to other people in the class, but the work you turn in must be your own. When you have written up your exam, before the deadline, turn it in on Canvas in the appropriate place.

Problems from "Abstract Algebra, Third Edition," Dummit and Foote:

****

First, read the explanation starting before problem 40 in Section 12.3, and read and think about problems 40 and 41. Then complete and turn in the following problems:

Section 12.3 # 42, 43, 45, 46, 48, 49, 50.

Finally, if you are interested in the application to differential equations (which is useful), read and think about the remainder of the problems in the section.

****