Math 464/564 : Algebra III
Problem Set 3

1. Read chapter 2 of Atiyah-MacDonald. Also, read Chapter 2, problem 14 (which isn't a problem, but only a definition), which is needed for problems 15-19 below.

2. Math 564 students do all of the following, and Math 464 students choose 8 (however, be warned that some problems require earlier ones to solve!). Chapter 2 : 1, 2, 3, 4, 5, 6, 11, 12, 13, 15, 16, 19.