## Math 464/564 : Algebra III <br> Problem Set 4

1. Read chapter 3 of Atiyah-MacDonald.
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 $3: 1,2,3,4,5$, $6,7,8,9,10,14,15$.
