Problem Set 2. Due Tuesday January 31.

AM = Atiyah-Macdonald.

1. Exercise 19 on p.13 of AM.
2. Exercise 22 on p.13 of AM.
3. Exercise 21, parts vi) and vii) on p. 13 of AM.
4. Exercise 45 on p. 335 of Dummit and Foote
   (see the scan).