

**HW #3, due 4-18**

**Math 506A**

1. Exercise 15.4.13, p. 727.
2. Exercise 15.4.15.
3. Exercise 15.4.26, p. 728.
4. Exercise 15.5.12, p. 746.
5. Exercise 15.5.15.

Read section 15.5. You may also want to look up basic material on projective spaces and varieties, e.g. the Wikipedia pages for these entries.