

**Homework 4**

due October 31, 2001 in class

1. Artin 2.4.8(a) (pg. 72)
2. Artin 2.4.13 (pg. 72)
3. Artin 2.4.20(a,b) (pg. 73)
4. Artin 2.5.2 (pg. 73)
5. Artin 2.6.1 (pg. 74)
6. Artin 2.6.5 (pg. 74)
7. Artin 2.6.8 (pg. 74)
8. Artin 2.6.10 (pg. 74)
9. Artin 2.8.1 (pg. 75)
10. Artin 2.8.2 (pg. 75)