

# (Math 371) Homework 8:

Due November 15, 2007

All Exercises are from Algebra by Artin.

Exercise 1: Prove Theorem 13.8.3 (on page 526)

Exercise 2: Chapter 13 Exercises: 3.5 (p. 531)

Exercise 3: Chapter 13 Exercises: 3.9 (p. 531)

Exercise 4: Chapter 13 Exercises: 3.12 (p. 531)

Exercise 5: Chapter 13 Exercises: 5.4 (p. 532)

Exercise 6: Chapter 13 Exercises: 6.10 (p. 533)

Exercise 7: Chapter 13 Exercises: 8.1 (p. 534)

Exercise 8: Chapter 13 Exercises: 8.3 (p. 534)

Exercise 9: Chapter 13 Exercises: Misc.3 (p. 535)