

# (Math 371) Homework 3:

Due October 2, 2006

All Exercises are in Algebra by Artin

Exercise 1: Chapter 7 Exercises: 3.10 (a) (p. 265)

Exercise 2: Chapter 7 Exercises: 4.2 (p. 265)

Exercise 3: Chapter 7 Exercises: 4.4 (p. 265)

Exercise 4: Chapter 7 Exercises: 4.15 (p. 266)

Exercise 5: Chapter 7 Exercises: 5.8 (p. 266)

Exercise 6: Chapter 7 Exercises: 5.10 (p. 267)

Exercise 7: Chapter 7 Exercises: 7.10 (p. 268)

Exercise 8: Chapter 7 Exercises: 7.12 (p. 268)