MATH 3706 and COMP 3706  
Introduction To Computer Algebra  
Spring Quarter 2006  
Assignment Sheet 3

Reading.

• Chapter 3 in the textbook.
  – Make sure you understand the simplified structure of algebraic expressions.
  – Make sure you understand the Mathematica versions of all the MPL operators in this chapter.

Discussion Problems

• Section 3.1, page 83, Exercises 1a,b,d, 2.
• Section 3.2, pages 107-108, Exercises 1, 2a,b,c,f,g,i,j,k,l.
• Section 3.2, pages 117-118, Exercises 1,4,5.

Assignments to Turn In

• Problem Set 5 - See Calendar for due date.
  – Section 3.1.
    * Page 83, Exercise 1c.
  – Section 3.2. For each of the following give a Mathematica session with sufficient examples to illustrate each of your answers
    * Pages 107-108, Exercises 2d,e,h,m, 3.

• Problem Set 6 - See Calendar for due date.
  – Section 3.3
    * Page 117, 2,3,6. For each of these problems give a Mathematica session with sufficient examples to illustrate each of your answers
    * Page 118-7. Either prove the statement or give a counterexample that shows the statement is not always true.