Math 385, Section M1

Homework 3

Due February 8, 2007, before class

Textbook page 27, in exercises: 11 – 20 determine whether Theorem 1 guarantees existence AND uniqueness of the solution (at the same time, not separate as the statement above the exercises in the textbook suggests). Make sure you know how to do all of them but write down only 15, 16, 19.

Textbook page 54, Exercises: 3, 18, 16, 20, 30.

Textbook page 71, Exercises: 2, 3, 17, 18.