

**MATH 482**  
**Homework 1**

Here is a list of problems in Pinter's A Book of Abstract Algebra that will be collected and graded Thursday August 30, 2007. Please write up your solutions neatly and be sure to staple your work.

- Chapter 2: A. 1, 3, 4, 5, 6  
B. 1, 2, 4  
D. 1, 2, 3

- Chapter 3: A. 1, 3  
B. 1, 2, 4, 5  
C. 1, 2, 3 But don't prove anything. Just fill in the blanks.  
D. There is no number. Just fill out the group operation table and explain why it defines a group (don't worry about associativity).