MATH 4306 Lab Activities 6
Submissions due Thursday, February 28, 2002

All group members must sign the submission attesting to the fact that they participated fully in doing this assignment.

1. Do the activity in Section 2.3.1, #1, p. 71. You can find the text of the proc (like a func, but without a return) at http://www.sci.tamucc.edu/wiki/Math4306/FunctionsForActivities2pt3

SUBMIT: A statement that you have run the proc on the given pairs of a set and an operation.

2. Do the activity in Section 2.3.1, #2, p71.

SUBMIT: Your example of a binary system (set and operation) with three elements a,b,c such that a/=b but c .o a = c .o b. Also submit your ISETL code for the left cancellation law func.

3. Do the activity in Section 2.3.1, #3, p. 72.

SUBMIT: Your statement, based on your observations in ISETL, about the relationship between satisfying the left cancellation law and being a group.

4. Do the activity in Section 2.3.1, #4, p. 72.

SUBMIT: Your tables representing groups with three elements.

5. Do the activity in Section 2.3.1, #5, p. 72.

SUBMIT: Your examples of 5 subsets of groups that are groups and 5 subsets of groups that are not groups.