MATH 4306 Lab Activities 4
Submissions due Wednesday, February 18, 2004

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 2.1.1, #1, p. 39, substituting `identity` for `is_identity` and `inverse` for `is_inverse`.

> SUBMIT: A verbal description of what each func does, including the kind of objects accepted, what is done to them and the kind of object that is returned. NOTE: You can contribute and collect these objects at http://www.sci.tamucc.edu/wiki/Math4306/FunctionsForActivities2pt1.

2. Do the activity in Section 2.1.1, #2, parts (a), (b), (c), (d) and (g), p. 40.

> SUBMIT: A printout of ISETL code for the pairs of objects G and op. Be sure to see the example following part (g).

3. Do the activity in Section 2.1.1, #3, p. 40.

> SUBMIT: Your guesses of the results of running the two funcs on the ISETL pairs as in #2. You do not need to turn in ISETL printout.

4. Do the activity in Section 2.1.1, #4, p. 40.

> SUBMIT: A list of the properties that are satisfied by all seven of the pairs as in #2. You do not need to turn in ISETL printout.

5. Do the activity in Section 2.1.1, #5, p. 40.

> SUBMIT: The result of removing examples from Activity 4. NOTE: You do not need to run ISETL again to do this activity.

6. Do the activity in Section 2.1.1, #7 (a)(b)(e)(h), p. 41.

> SUBMIT: A list of the properties in Activity 1 satisfied by these pairs. NOTE: You must use VISETL for the last two of these examples.

7. Do the activity in Section 2.1.1, #8, p. 42.

> SUBMIT: A printout of ISETL code for the func and a list of which pairs it returns true for.

8. Read activities in Section 2.1.1, #9-10, p. 42.

> SUBMIT: Nothing.

Homework Exercises: 2.1.5: 1,2,5,9,10,13,14,22 -- due Wednesday, Feb 18.