MATH 2513   Homework 13b   Not to be turned in

Please explain briefly but clearly your reasoning (unless it is totally obvious from your answer, i.e., when you have to list the elements of a set or to draw a set in the plane).

Please write the problems in the same order as they are given in the assignment.

Note that the odd-numbered problems have answers at the end of Hammack's book. I strongly suggest that you do *all* odd-numbered problems for practice; moreover, many of them are very similar to the assigned homework problems.

Hammack, Sec. 12.4: Exercises 3, 5, 7.

Hammack, Sec. 12.5: Exercises 3, 7, 9.