MATH 2513   **Homework 11**   **Due 4/25/19 (Thursday)**

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. 11.1: Exercises 2, 6, 8, 10, 11 (explain the reasoning), 12, 14.

Hammack, Sec. 11.2: Exercises 2, 6, 8, 10, 12, 14.

Hammack, Sec. 11.3: Exercises 2, 8, 10, 12, 16.