Reading: Chapters 5.1 - 5.4.

Question 1
Do problem 5.3 from the textbook.

(Assume that \( n \) is a power of 2 for this problem.)

Question 2
Do problem 5.7 from the textbook.

(Assume that \( n \) is a power of 2 for this problem too.)

Review for Prelim 1
The following problems are only suggestions for review for the prelim on Tuesday. You should not hand in solutions to these problems, and solutions will not be given out. However, we can go over any of these problems in review session if requested. Remember to review notes and assigned readings, and if you feel you still need practice, there are tons of good problems beyond the ones listed here.

Stable Matchings: Problems 1.1, 1.2 and 1.3.

MSTs and Greedy Algorithms: Problems 4.3, 4.9 and 4.17.


Divide and Conquer: Problem 5.2.