1. (5 points for each part) Do Chapter 7, Problem 3.

2. (10 points) Do Chapter 7, Problem 4.


- (5 points) Explain in English how you map this problem to a network flow problem. It is not necessary for you to provide pseudocode for your solution.

- (5 points) Explain how the solution that the Ford Fulkerson algorithm provides maps back into a solution to the problem you are trying to solve.

- (5 points) Explain the O() performance, including the cost of mapping from the solution to a network flow problem, solving the network flow problem, and mapping back to the solution to your problem.