

Problem Set #3

All problems are of equal value.

1. Awkwardness. Erickson Chapter 3, Problem #48 (<https://jeffe.cs.illinois.edu/teaching/algorithms/book/03-dynprog.pdf>).
2. Counting shortest paths. Kleinberg-Tardos Chapter 6, Problem #22.
For full credit, your solution must also analyze the space complexity of the algorithm.
3. Binding edges. Erickson Chapter 10, Problem #15 (<https://jeffe.cs.illinois.edu/teaching/algorithms/book/10-maxflow.pdf>).