

Thoughts

The problems suggested are intended to give you some practice with good exam-level questions. Exam-level questions are questions that you should need to do some thinking about, but only a few minutes of thinking. The first thing that comes to mind should be pretty close to the intended solution.

Network Flow

K&T CH7: 4,5,8*,12,16,34a

*For 8(b) rather than doing what the problem asks, just compute the max flow in the graph you constructed in part (a) by hand and identify the min-cut.

NP-Completeness

K&T CH8: 1,2,7,9,11

Don't forget to look at the Partial Taxonomy of Hard Problems on page 497 of K&T!