Test	Blackboard quiz 8: Network flows and complexity theory
Started	24/11/23 10:59
Submitted	24/11/23 11:21
Due Date	24/11/23 12:00
Status	Completed
Attempt Score	67 out of 67 points
Time Elapsed	21 minutes
Instructions	These Blackboard quizzes are intended to help reinforce the material covered in lectures. Since the point is to help teach you rather than to test your ability, all marks of 50% or more will be rounded up to full marks for grade calculation purposes. So do make a serious attempt at the questions, thinking about each one carefully, but don't lie awake at night worrying that answering question 7 wrong might be the difference between getting a 1st or getting a 2.i. We actively encourage you to work together and/or use external resources, as long as you actually think about the questions for yourself. Some of the questions are simple restatements of material from lectures, and others are harder or more subtle, but nothing should go beyond the level that might appear on the multiple choice section of the exam. We intend the whole quiz to take you about an hour, but there is no time limit (and you are free to leave the test page and return later). As soon as you have submitted your answers, you can click through to get immediate feedback on how well you did and what mistakes you made, as well as some extra background information on some of the questions. This particular quiz is a review of material covered in Week 9.
Results Displayed	All Answers, Submitted Answers, Correct Answers, Feedback, Incorrectly Answered Questions

Question 1

10 out of 10 points

(*) A *decision problem* is a problem in which the correct answer is either yes or no. **[1]** is the set of all decision problems which can be answered correctly by an algorithm that, given an instance x of the problem, runs in time polynomial in the