FINAL EXAM
CS 373: THEORY OF COMPUTATION

Date: Thursday, May 9, 2013.

Name	
Netid	

Problem	Maximum Points	Points Earned	Grader
1	10		
2	10		
3	10		
4	10		
5	10		
6	10		
7	10		
8	10		
Total	80		

Instructions:

- This is a closed book exam. No notes, cheat sheets, textbook, or printed material allowed.

- You have 180 minutes to solve this exam.

- There are 8 problems in this exam, each worth 10 points. However, not all problems are of equal difficulty.

- Please write your name on the top of *every* page in the space provided.

- If your solution does not fit in the space provided, and continues onto one of the back sheets, please indicate clearly where we should look for the solution.

- Unless otherwise stated, recall that "prove that", "show that" for a problem means you need to formally prove what you are claiming.

- You may use, without proof, any result that you were asked to prove in the homework or was proved in the lecture. If you use such a result, please explicitly state the result (like " 'Reverse of regular languages is regular' was proved in a homework", instead of "this was shown in a homework").