

CS 312: Algorithms

Homework 9

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Instructions

Complete all problems and submit by Monday, April 29 by 10 a.m. (This is a hard deadline.) You may work together with other students, but *your written work must be your own*. I highly encourage you to attempt the problems first on your own, especially the simpler ones.

Please make sure to:

- Write your name on your submission
- Write the name of all students with whom you collaborated
- Cite any sources you used other than the textbook or course notes.

Problems

1. Chapter 7, Exercise 6
2. Chapter 7, Exercise 8

Note: In part (b), there is an inconsistency between the text of the problem and the table. The text says the demand for B is 10 units, while the table says it is 8 units. Please use the number of 8 units given in the table.

3. Chapter 8, Exercise 1
4. Chapter 8, Exercise 2