

CSE548/AMS542 Fall 2019 Analysis of Algorithms

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Due **Oct 15th** 9pm. Each problem, unless specified otherwise, has a maximum of 10 points. Avoid too many details. A succinct and clean proof is the best. You may use the algorithms we covered in class without referring to the details.

Homework 3

1. Textbook [Kleinberg & Tardos] Chapter 4, page 190, problem #6.
2. Textbook [Kleinberg & Tardos] Chapter 4, page 190, problem #12.
3. Textbook [Kleinberg & Tardos] Chapter 4, page 190, problem #14.
4. Textbook [Kleinberg & Tardos] Chapter 4, page 190, problem #16.
5. Textbook [Kleinberg & Tardos] Chapter 5, page 246, problem #1.
6. Textbook [Kleinberg & Tardos] Chapter 5, page 246, problem #7.

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