

18.100C. Problem Set 9

Due date: May 11 (Thursday) in recitation or in my office before 11 on due date. Late homeworks will be accepted only with a medical note or for some other MIT approved reason. You may work with others, but the final write-up should be entirely your own and based on your own understanding.

Each problem is worth 10 points.

Problem 1: Rudin: Chapter 7, ex. 7.

Problem 2: Rudin: Chapter 7, ex. 10.

Problem 3: Rudin: Chapter 7, ex. 16.

Problem 4: Rudin: Chapter 7, ex. 20.

Problem 5: Rudin: Chapter 7, ex. 21.

Problem 6: Rudin: Chapter 7, ex. 24.

The following problems are recommended for additional practice. They should *not* be turned in with the homework and they will not count towards the homework score. Chapter 7: 8, 12, 13, 14, 18, 23.