

Part I: Read and Respond (prepare for class Wednesday, February 26)

Glance through Section 2.8 to get an idea of what's going on there. Read Section 2.9. Carefully read Section 3.1, taking notes for yourself and answering the following questions to turn in as your Part I assignment. Review the syllabus for parts (a)–(d) that should be included in this assignment. Here are the reading questions for part (a):

Reading Question(s)

1. The main point of Section 3.1 is to demonstrate that subsets of the real numbers can behave differently than we expect. In what ways does the Cantor set behave differently than you expect sets of real numbers to behave?

Part II: Exercises (prepare for class for Wednesday, February 26)

1. Exercise 2.7.2
2. Exercise 2.7.6

Part III: Problems (due Wednesday, February 26 at the beginning of class)

1. (I) Exercise 2.7.5

Reminder

We'll have a Chapter 2 quiz on Friday, February 28.