

**Part I: Read and Respond (prepare for class Monday, January 27)**

Carefully read the rest of Section 1.4, taking notes for yourself and answering the following question(s). Review the syllabus for parts (a)–(c) that should be included in this assignment. Here are the reading questions for part (a):

**Reading Questions**

1. In the proof of Theorem 1.4.5, where does the way we choose  $n_0$  come from?

**Part II: Exercises (prepare for class for Monday, January 27)**

1. Exercise 1.3.9
2. Exercise 1.4.5 (we didn't get to this one in presentations Friday, so just review your work quickly so you're ready to engage with the presentation Monday)

**Part III: Problems (due Wednesday, January 29 at the beginning of class)**

1. (P) Exercise 1.3.6
2. (I) Exercise 1.3.7