

Problem Set for Week 3

The work handed in should be entirely your own. You can consult Stewart and/or the class notes but nothing else. To receive full credit, justify your answer in a clear and logical way. Due Feb 5.

Reading. This is the most important part of the homework: Read Sections 14.1–14.3 of the textbook carefully. To understand this chapter better, also read Section 12.6 to help you develop some intuition about graphs of some two-variable functions.

1. Section 14.1 Exercises 14, 28, 62, 64, 66
2. Section 14.2 Exercises 8, 10, 12, 14, 16, 18, 40
3. Section 14.3 Exercises 16, 22, 53, 56