

Problem Set for Week 1

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 Jan 21.

Reading. This is the most important part of the homework: Read Sections 12.1–12.5 of the textbook carefully.

1. Section 12.1 Exercises 8, 14, 16.
2. Section 12.2 Exercises 16, 20.
3. Section 12.3 Exercises 18, 26, 42.
4. Section 12.4 Exercises 4, 20, 28.
5. Section 12.5 Exercises 2, 20, 26, 46, 58, 72.