

## Problem Set for Week 6

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 26.

**Reading.** This is the most important part of the homework: Read Sections 15.1–15.3 of the textbook carefully.

1. Section 15.1 Exercises 16, 18, 23, 32, 40
2. Section 15.2 Exercises 3, 8, 14, 15, 20, 26, 36, 46, 48, 52
3. Section 15.3 Exercises 5, 8, 12, 20