

This is a **review** for Exam I. This work is for your own practice—it is **not** to be turned in for a grade. Most of these problems are either solved in the textbook or have answers in BOB (back of book). But if you have questions, please let me know. The tutors in the LC can help you out with these problems as well. Additionally, please use in-class work from Weeks I, II, and III for your review.

Exam I will cover §2.1 through §3.2. It is my intent that this review is comprehensive.

1. From §2.1, work **Example 1** (page 151) and **Example 4** (page 154).
2. From the exercises from §2.1 (starting on page 154), work **33** and **39**.
3. From §2.2, work **Example 1** (page 159) and **Example 5** (page 161).
4. From the exercises from §2.2 (starting on page 166), work **17** and **23**.
5. From §2.3, work **Example 1** (page 170), **Example 5** (page 173), **Example 6** (page 173), **Example 12** (page 179), and **Example 13** (page 179).
6. From the exercises from §2.3 (starting on page 180), work **53, 59, 73, 85**.
7. From §2.4, work **Example 1** (page 186) and **Example 4** (page 187).
8. From the exercises from §2.4 (starting on page 188), work **15, 27, 31**.
9. From §2.5, work **Example 1** (page 192) and **Example 4** (page 194).
10. From the exercises from §2.5 (starting on page 194), work **17, 20, 33**.
11. From §3.1, work **Example 4** (page 207), **Example 6** (page 208), and **Example 9** (page 212).
12. From the exercises from §3.1 (starting on page 215), work **43, 51, 55, 59**.
13. From §3.2, work **Example 3** (page 221).
14. From the exercises from §3.2 (starting on page 223), work **23, 27**.