

Problem Solving #2

Due: Friday, October 14

Instructions: This is an individual problem set. We are allowing you to work in groups to solve the problem, but your write-up should be individual. This means that anything you write that you are planning to turn in should be written when you are not in a group setting. This problem set is due **Friday, October 14**. If you will not be in class that day, please arrange to turn in your write-up before class (such as the day before), or send it with a friend.

The Problem:

- Solve problems 8, 10, 28, 30, 32, 36, 38, 40, 42, and 44 from Section 1.1 of your book. Also, solve problems 8, 14, 22, 26, 28, 34, 40, 44, and 56 from Section 1.3. This portion of your solution may be hand-written. Make sure to include the problem statement when you turn this in, and show your work, but this is to be treated like a homework assignment like you may have gotten in previous math classes. Please box your answers.
- Write-up problems 28, 34, and 40 from Section 1.3. This is the more involved section of the write-up, and should be done in complete sentences and paragraphs. Be sure to include justification for every step you do and write out what any theorems you use actually say rather than just referencing them.

Good luck!