

# Introduction to Financial Mathematics

## Math 30610 Homework 9

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due on Gradescope

Please choose 8 of the following exercises. You will only be graded on 8. Unless otherwise specified, all exercises are from the textbook. You are welcome to use any calculator, spreadsheet or programming language, as long as you explain clearly and completely your solution.

1. 3.1.1
2. 3.1.5
3. 3.1.8 Only the first part, i.e., “Find the original amount of the loan”.
4. 3.1.13
5. 3.2.3
6. 3.2.6
7. 3.2.7
8. 3.2.8
9. 3.2.9
10. 3.2.11
11. (Extra credit) 3.2.23