

Math 342, Spring 2024 — Homework 2

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Due February 9 at 5:00 pm

Instructions. This problem set contains problems from Week 2 of class. The problem numbers refer to our textbook, *Probability with Applications and R*, by Amy Wagaman and Robert Dobrow, 2nd edition.

Problem 1. Do the following textbook problems and submit on Gradescope: 1.22, 1.24, 1.26bc, 1.28, 1.42, 1.47, 1.48, 1.50

Problem 2. Do the simulation problems in the [Homework 2 RMarkdown file](#). For your submission, you should knit the file to pdf.

Problem 3. If you liked the problems above or want more practice, our textbook has more great problems. The odd-numbered ones have solutions in the back. Here are some that I recommend (as optional, not to be turned in): 1.23, 1.26, 1.35, 1.43, 1.45. Feel free to try others, including all the problems in the main sections, which include full explanations.