

Math 342, Fall 2024 — Homework 1

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Due September 13 at 5:00 pm

Instructions. This problem set contains problems from Week 1 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: 1.6, 1.8, 1.10, 1.12, 1.32, 1.36, 1.40.

Problem 2. 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): 1.7, 1.9, 1.31, 1.33, 1.35. Feel free to try others, including all the problems in the main sections, which include full explanations.