

Math 342, Fall 2024 — Homework 2

Tim Chumley

Due September 20 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: 1.16, 1.18, 1.20, 1.24 (make sure to read Example 1.25 to see what a bridge hand is), 1.26ab, 1.28, 1.38, 1.42, 1.47, 1.48

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): 1.23, 1.26, 1.35, 1.43, 1.45, 1.50. Feel free to try others, including all the problems in the main sections, which include full explanations.