

Instructions:

The below problems have all been chosen from questions at the end of the chapter 6 and within Appendix A.2. While you are only required to turn in the problems under the “Graded Problems” section, I’d highly recommend you doing the other practice problems. I can only grade two, but all of them have been chosen to help illustrate different topics and ensure that you are comprehending and understanding what we have been talking about in class. All practice problems are odd numbered problems and thus have their solutions in the back of the book or are Guided Practice problems with their solutions at the bottom of the page.

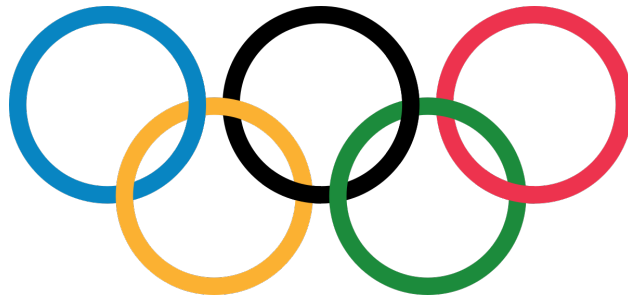
For the graded problems, make sure you *fully explain your reasoning*. Start each problem on a new page and upload everything to www.gradescope.com when you are done. If you need help scanning and submitting, check out the help pdf posted on the course webpage.

Practice Problems

Guided Practice 6.10	On page 265
Guided Practice 6.11	On page 266
Guided Practice A.48	On pg 311
Guided Practice A.54	On pg 315
Problem 6.3	Baby weights, Part III

Graded Problems

Problem 6.4	Absenteeism
My Problem	On back of page



My Problem: In the past 120 years, there have been over 270 thousand (non-unique) participants in the Olympic games. Of those, 85.3% failed to earn a medal in their event. Of those who did not earn a medal, 72.6% were men. Of the medal winners, 28.3% are female.

- A) Organize this information into a tree diagram.
- B) What is the probability that a random participant in the Olympics was male?
- C) What is the probability that a random participant earned a medal given that they were female?