Math 20: Probability
Homework 1

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Due Date: July 3, 2020

Please specify whether you complete the homework independently or cooperate with (get help from) the TA, your classmates, friends, online resources, etc.

Problem 1

5 pts

Give a real life example of an event that happens with probability

(a) $P(E) = 0$ (impossible)

(b) $P(E) < \frac{1}{2}$ (unlikely)

(c) $P(E) = \frac{1}{2}$ (even chance)

(d) $P(E) > \frac{1}{2}$ (likely)

(e) $P(E) = 1$ (certain)

Problem 2

4 pts

Chapter 1.2 Exercise 1

Problem 3

5 pts

Chapter 1.2 Exercise 2

Problem 4

4 pts

Chapter 1.2 Exercise 4