

Economics 520, Homework 1

Due Thursday, August 31 at beginning of lecture

As mentioned in the syllabus, you may work in groups. However, you must write up your own solutions in your own words, and you must acknowledge any help you receive from others.

“CB” refers to Casella and Berger.

1. CB 1.1
2. CB 1.4
3. CB 1.6
4. CB 1.13
5. CB 1.17
6. Six fair dice are rolled one time. What is the probability that each face appears?
7. If two fair dice are tossed, what is the smallest number of throws for which the probability of getting at least one double six exceeds 0.5?