

Math 230-Spring 2023

Due June 2, 2023 until 23:45 to Moodle.

Homework-4

First/Last Name: _____

Department: _____

Section: _____

Important rules:

- Please use this page as a cover page for your homework. You could attach this page as the first page to your scanned HW or write the above information on the first page.
- No late submitted homework will be accepted!
 - You will get 10 points for each questions you attempted to solve with a reasonable amount of work.
 - Only four randomly chosen questions will be graded in detail with 30 points each. You should show your work to get full credit. Correct answers must have sufficient explanation to get full credit.
 - 10 points for the paper organization. Please keep the order of the questions. If you do not provide any solution for a question, you should write the question number with the note “no solution”. There should not be text crossed out. Papers that are messy, disorganized, or unreadable may not be graded.
- There will be a folder in Moodle. You should submit your homework to that folder.
- In the questions, the textbook refers to Probability with Applications in Engineering, Science and Technology, Matthew A. Carlton, Jay L. Devore, 2017, 2nd edition, Springer.

Questions

1. 4.1: 14 and 4.2: 36
2. 4.3: 63, 65
3. 4.5: 96, 98
4. 5.1: 11, 15
5. 5.2 24 and 5.3: 39