

Homework 3

Week 3

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Collaborators. ChatGPT (for LaTeX styling and grammar checking)

1 Week 3: Intro to Discrete Random Variable

Problem 1. A complex bet on a race has a payout value, X , determined by which tier of horse wins. The probability mass function (PMF) is given below:

Solution. The solution goes here.

TO SUBMIT

Problem 2. Here's the problem statement for **MANDATORY** problem.

Solution. Here's the solution for the **MANDATORY** problem.
ABC.

Proof. Here's the proof for the **MANDATORY** problem.