



Principles of Probability

Started on Monday, 13 March 2023, 7:30 PM
State Finished
Completed on Monday, 13 March 2023, 7:50 PM
Time taken 20 mins
Marks 4.00/8.00
Grade 5.00 out of 10.00 (50%)

Question 1

Incorrect
Mark 0.00 out of 4.00
Flag question

A box contains 6 black balls, 9 blue balls, and 5 pink balls. We select randomly 4 balls from the box with order and without replacement. Write your answers in decimal form (when necessary, round to 2 decimal places).

1. The probability that the second ball is blue equals

0.19

0.45

x

2. The probability that the second and third balls are blue, the first ball is pink, and the forth ball is black equals

0.012

0.02

x

Question 2

Correct
Mark 4.00 out of 4.00
Flag question

Assume $P(\bar{A}) = 0.1$, $P(B) = 0.4$, and $P(B - A) = 0.1$.

1. $P(\bar{A} \cup B) =$

0.4

✓

2. $P(A - B) =$

0.6

✓

Quiz navigation



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