PRINCE EDWARD ISLAND FOUNDATIONS OF MATHEMATICS 12 · UNIT C · 5 QUESTIONS

Probability and Combinatorics — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **The number of combinations of 3 items chosen from 9 distinct items is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The number of permutations of 2 items chosen from 9 distinct items is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Two shiny silver coins lies on a white surface, both showing heads. The probability of two independent events both occurring is found by**



A adding their probabilities

B subtracting their probabilities

C dividing their probabilities

D multiplying their probabilities

Understand It with Pulse | Flag a mistake

4 **The number of combinations of 2 items chosen from 6 distinct items is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The number of permutations of 3 items chosen from 5 distinct items is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 84
2. 72
3. D
4. 15
5. 60

© 2026 Brett Robbins. All Rights Reserved.