PRINCE EDWARD ISLAND PRE-CALCULUS 12 · UNIT E

Combinatorics — Practice Test

Prince Edward Island Pre-Calculus 12 • 10 questions

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 ways to choose a committee of 3 from 7 people, where order does not matter, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The number of ways to seat 6 people in a row is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The number of ways to choose 3 toppings from 10 toppings is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The number of ways to pick a president and a vice president from 12 people is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The value of 8 factorial divided by 6 factorial is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **The value of n choose 0 is**

A n

B n factorial

C 1

D 0

Understand It with Pulse | Flag a mistake

7 **The value of n choose n is**

- **A** n factorial
- **B** 1
- **C** 0
- **D** n

Understand It with Pulse | Flag a mistake

8 **The number of ways to choose a committee of 2 from 11 people, where order does not matter, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **The number of ways to seat 4 people in a row is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **The number of ways to choose a committee of 4 from 6 people, where order does not matter, is**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	35	**5.**	56	**9.**	24
2.	720	**6.**	C	**10.**	15
3.	120	**7.**	B		
4.	132	**8.**	55		

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