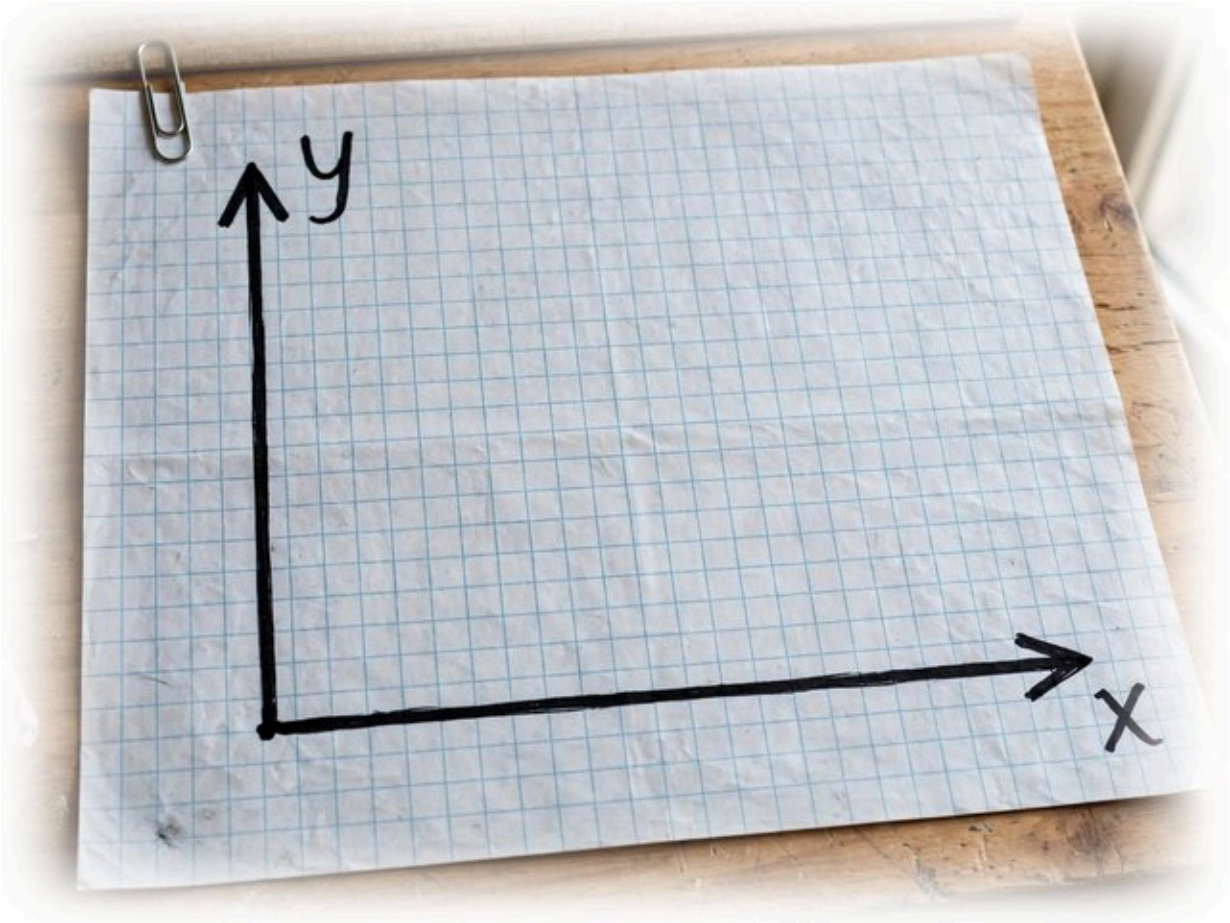
PERMUTATIONS, COMBINATIONS, AND BINOMIAL THEOREM - PRACTICE TEST | NEW BRUNSWICK PRE-CALCULUS B 120 · UNIT D · 5 QUESTIONS

Permutations, Combinations, and Binomial Theorem — 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 **A coordinate grid shows x and y axes. In the expansion of $(x + 2)^5$, the coefficient of x^3 is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **In the expansion of $(x + 2)^6$, the coefficient of x^2 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **In the expansion of $(x + 2)^7$, the coefficient of x^3 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **In the expansion of $(x + 2)^8$, the coefficient of x^4 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **In the expansion of $(x + 2)^9$, the coefficient of x^2 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 40
2. 240
3. 560
4. 1120
5. 4608

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