NORTHWEST TERRITORIES FOUNDATIONS OF MATHEMATICS 12 (MFOM-12) · UNIT C · 5 QUESTIONS

Combinatorics and Probability — 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 ordered choices of 2 students from 6, with no repeats, is ____.**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The number of ways to choose 4 students from 8, where order does not matter, is ____.**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Two shiny silver coins lies on a white surface, both showing heads (profile portraits on the coin faces, not standalone people). The probability of three heads in three tosses of a fair coin is**



A 1

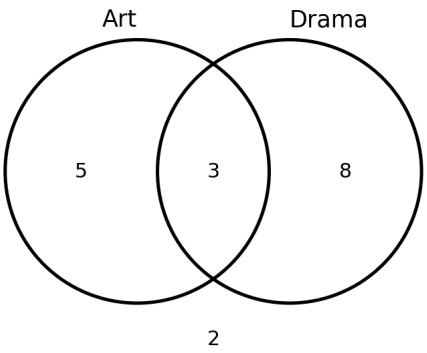
B 1

C 3

D 1

Understand It with Pulse | Flag a mistake

4 **The diagram shows students who take Art, Drama, or neither. The total number who take Art is**



A 3

B 5

C 8

D 13

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5 The probability of rolling a number less than 3 on a fair die is

A 1

B 1

C 1

D 2

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ANSWER KEY

1. 30
2. 70
3. A
4. C
5. B

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