ARIZONA STATISTICS · UNIT 2 · 5 QUESTIONS

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 **An open old tin box full of handwritten letters on a wooden table. The number of permutations of 4 letters chosen from 7, in order, is**



A 28

B 840

C 35

D 5040

Understand It with Pulse

Flag a mistake

2 **The number of combinations of 4 members chosen from 9 is**

A 126

B 3024

C 36

D 84

Understand It with Pulse | Flag a mistake

3 **If P(A) = 0.2 and P(B) = 0.3 and A and B are mutually exclusive, then P(A or B) is**

A 0.06

B 0.5

C 0.1

D 0.25

Understand It with Pulse | Flag a mistake

4 **If P(A) = 0.5 and P(B) = 0.4 and A and B are independent, then P(A and B) is**

- A 0.9
- B 0.1
- C 0.2
- D 0.45

Understand It with Pulse | Flag a mistake

5 **A fair coin is flipped until the first head appears The probability the first head is on the third flip is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. B
2. A
3. B
4. C
5. 0.125

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