PRINCE EDWARD ISLAND PRE-CALCULUS ELECTIVE 11 · UNIT D · 10 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 **Two independent events have probabilities $\frac{1}{4}$ and $\frac{1}{5}$. What is the probability that both events happen , to three decimal places**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A card is drawn at random from a standard deck of 52 cards. What is the probability of drawing a face card, as a decimal to two decimal places**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A card is drawn at random from a standard deck of 52 cards. What is the probability of drawing a heart, as a decimal to two decimal places**



ANSWER

Understand It with Pulse | Flag a mistake

4 The number of combinations of 2 items chosen from 4 is

- A 6
- B 12
- C 8
- D 4

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5 The number of permutations of 3 distinct letters is

- A 3
- B 9
- C 27
- D 6

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6 **The probability of rolling a number greater than 4 on a fair die is**

A 1

B 1

C 1

D 2

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7 **The probability of rolling an even number on a fair die is**



A 1

B 1

C 1

D 2

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8 **Two events are independent when the occurrence of one does not affect the**

A probability of the other

B sample size

C number of trials

D mean

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9 **Two independent events have probabilities $\frac{1}{5}$ and $\frac{1}{6}$. What is the probability that both events happen , to three decimal places**

ANSWER _____

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10 **Two independent events have probabilities $\frac{1}{1}$ and $\frac{1}{2}$. What is the probability that both events happen , to three decimal places**

ANSWER _____

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ANSWER KEY

1. 0.05
2. 0.23
3. 0.25
4. A
5. D
6. C
7. B
8. A
9. 0.033
10. 0.5

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