MANITOBA APPLIED MATHEMATICS 30S · UNIT E · 10 QUESTIONS

Inductive and Deductive Reasoning — 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 puzzle asks for the sum of 7 and the product of 7 and 2. That total is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **The number of ways to arrange 7 different items in order is**



ANSWER

Understand It with Pulse | Flag a mistake

3 **A team earns 3 points for a win and 1 point for a draw. With 4 wins and 1 draws, its points total is**

ANSWER

Understand It with Pulse | Flag a mistake

4 **An arithmetic pattern starts at 3 and increases by 2. Term 7 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The number of possible outcomes when flipping a coin 5 times is**

ANSWER _____

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6 **An angle measuring more than 90 degrees but less than 180 degrees is an**

A acute angle

B obtuse angle

C right angle

D reflex angle

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7 **The mean of a data set is also called the**

A median

B mode

C average

D range

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8 **The middle value of an ordered data set is the**

A mean

B mode

C range

D median

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9 **The value that makes an equation true is called the**

- A solution
- B coefficient
- C variable
- D expression

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10 **In the expression 3x plus 5, the number 3 is the**

- A constant
- B coefficient
- C variable
- D solution

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ANSWER KEY

1. 21
2. 5040
3. 13
4. 15
5. 32
6. B
7. C
8. D
9. A
10. B

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