MANITOBA APPLIED MATHEMATICS 40S · UNIT E · 10 QUESTIONS

Design and Measurement — 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 triangle has base 10 and height 9. Its area is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **Use pi equals 3.14. A circle has radius 2. Its area, to two decimal places, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A rectangular prism has length 3, width 5, and height 4. Its volume is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **On a map, 1 unit represents 30 units in real life. A map distance of 6 represents a real distance of**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The right triangle has base 4 and height 5 as labelled. Its area is**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

Understand It with Pulse | Flag a mistake

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

A median

B mode

C average

D range

Understand It with Pulse | Flag a mistake

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

A mean

B mode

C range

D median

Understand It with Pulse | Flag a mistake

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

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	45	**5.**	10	**9.**	A
2.	12.56	**6.**	B	**10.**	B
3.	60	**7.**	C		
4.	180	**8.**	D		

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