MANITOBA INTRODUCTION TO APPLIED AND PRE-CALCULUS MATHEMATICS 20S · UNIT A · 25 QUESTIONS

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 rectangle has length 13 and width 8. Its perimeter is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A triangle has base 4 and height 2. Its area is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Use pi equals 3.14. A circle has radius 3. Its area, to two decimal places, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A rectangular prism has length 4, width 7, and height 5. Its volume is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **On a map, 1 unit represents 45 units in real life. A map distance of 9 represents a real distance of**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **The right triangle has base 8 and height 6 as labelled. Its area is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **A rectangle has length 13 and width 8. Its area is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A rectangle has length 3 and width 2. Its perimeter is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A triangle has base 6 and height 3. Its area is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **Use pi equals 3.14. A circle has radius 4. Its area, to two decimal places, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

ANSWER _____

Understand It with Pulse | Flag a mistake

12 **On a map, 1 unit represents 20 units in real life. A map distance of 4 represents a real distance of**

ANSWER _____

Understand It with Pulse | Flag a mistake

13 **The right triangle has base 10 and height 7 as labelled. Its area is**

ANSWER _____

Understand It with Pulse | Flag a mistake

14 **A rectangle has length 3 and width 2. Its area is**

ANSWER _____

Understand It with Pulse | Flag a mistake

15 **A rectangle has length 5 and width 5. Its perimeter is**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

A solution

B coefficient

C variable

D expression

Understand It with Pulse | Flag a mistake

17 **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

18 **In the expression 3x plus 5, the letter x is the**

A coefficient

B constant

C variable

D term

Understand It with Pulse | Flag a mistake

19 **A straight line graph has a slope that is**

A increasing

B zero always

C undefined always

D constant

Understand It with Pulse | Flag a mistake

20 **The slope of a horizontal line is**

A zero

B one

C undefined

D negative

Understand It with Pulse | Flag a mistake

21 **The slope of a vertical line is**

A zero

B undefined

C one

D negative

Understand It with Pulse | Flag a mistake

22 **Two lines that never meet are**

A perpendicular

B intersecting

C parallel

D coincident

Understand It with Pulse | Flag a mistake

23 **Two lines that meet at a right angle are**

A parallel

B coincident

C skew

D perpendicular

Understand It with Pulse | Flag a mistake

24 **The point where a graph crosses the y axis is the**

- A y intercept
- B x intercept
- C vertex
- D origin

Understand It with Pulse | Flag a mistake

25 **The point where a graph crosses the x axis is the**

- A y intercept
- B x intercept
- C vertex
- D origin

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	42	**10.**	50.24	**19.**	D
2.	4	**11.**	45	**20.**	A
3.	28.26	**12.**	80	**21.**	B
4.	140	**13.**	35	**22.**	C
5.	405	**14.**	6	**23.**	D
6.	24	**15.**	20	**24.**	A
7.	104	**16.**	A	**25.**	B
8.	10	**17.**	B		
9.	9	**18.**	C		

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