MANITOBA ESSENTIAL MATHEMATICS 40S · UNIT D · 25 QUESTIONS

Precision 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 3 and width 2. Its area is**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A triangle has base 4 and height 8. Its area is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **Use pi equals 3.14. A circle has radius 8. Its area, to two decimal places, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A rectangular prism has length 6, width 5, and height 5. Its volume is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **On a map, 1 unit represents 15 units in real life. A map distance of 3 represents a real distance of**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **The right triangle has base 8 and height 4 as labelled. Its area is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A rectangle has length 5 and width 5. Its area is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A rectangle has length 7 and width 8. Its perimeter is**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

ANSWER _____

Understand It with Pulse | Flag a mistake

11 **Use pi equals 3.14. A circle has radius 9. Its area, to two decimal places, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

12 **A rectangular prism has length 7, width 7, and height 3. Its volume is**

ANSWER _____

Understand It with Pulse | Flag a mistake

13 **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

14 **The right triangle has base 10 and height 5 as labelled. Its area is**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

ANSWER _____

Understand It with Pulse | Flag a mistake

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

A y intercept

B vertex

C origin

D x intercept

Understand It with Pulse | Flag a mistake

17 **The highest or lowest point of a parabola is the**

A vertex

B intercept

C axis

D root

Understand It with Pulse | Flag a mistake

18 **The line that divides a parabola into two equal halves is the**

A directrix

B axis of symmetry

C asymptote

D tangent

Understand It with Pulse | Flag a mistake

19 **A triangle with all sides equal is**

A isosceles

B scalene

C equilateral

D right

Understand It with Pulse | Flag a mistake

20 **A triangle with two sides equal is**

A equilateral

B scalene

C obtuse

D isosceles

Understand It with Pulse | Flag a mistake

21 **A triangle with no sides equal is**

A scalene

B isosceles

C equilateral

D right

Understand It with Pulse | Flag a mistake

22 **The longest side of a right triangle is the**

A adjacent

B hypotenuse

C opposite

D leg

Understand It with Pulse | Flag a mistake

23 **In a right triangle, the side opposite the right angle is the**

A adjacent

B opposite side

C hypotenuse

D base

Understand It with Pulse | Flag a mistake

24 The sum of the interior angles of a triangle is

- A 90 degrees
- B 270 degrees
- C 360 degrees
- D 180 degrees

Understand It with Pulse | Flag a mistake

25 The sum of the interior angles of a quadrilateral is

- A 360 degrees
- B 180 degrees
- C 270 degrees
- D 540 degrees

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 6
2. 20
3. 16
4. 200.96
5. 150
6. 45
7. 16
8. 25
9. 30
10. 27
11. 254.34
12. 147
13. 180
14. 25
15. 56
16. D
17. A
18. B
19. C
20. D
21. A
22. B
23. C
24. D
25. A

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