Geometry — Practice Test

Prince Edward Island Pre-Calculus Elective 11 • 10 questions

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 **What is the sum of the interior angles of a polygon with 7 sides, in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A circle has radius 5 centimetres. Using 3.14 for pi, what is the area of the circle in cm², to two decimal places**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A regular polygon has 12 sides, and each interior angle measures the same. What is each interior angle in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The volume of a rectangular prism is length times width times**

- A height
- B depth only
- C perimeter
- D diagonal

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5 **Two angles that share a side and a vertex and do not overlap are**

- A vertical angles
- B supplementary angles
- C alternate angles
- D adjacent angles

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6 **Two congruent figures share the same**

A colour only

B position only

C size and shape

D area only

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7 **When a transversal crosses parallel lines, alternate interior angles are**

A equal

B supplementary

C different

D right angles

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8 **What is the sum of the interior angles of a polygon with 8 sides, in degrees**

ANSWER _____

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9 **A circle has radius 6 centimetres. Using 3.14 for pi, what is the area of the circle in cm², to two decimal places**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **What is the sum of the interior angles of a polygon with 9 sides, in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 900
2. 78.50
3. 150
4. A
5. D
6. C
7. A
8. 1080
9. 113.04
10. 1260

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