Geometry — Practice Test

Quebec Mathematics, Technical and Scientific Option, Secondary IV • 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 **A rectangle has length 21 and width 7. Its perimeter is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The sine of 30 degrees is**

A 0.5

B 1

C 0.87

D 0.71

Understand It with Pulse | Flag a mistake

3 **Two angles of a triangle are 46 degrees and 81 degrees. The third angle in degrees is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A rectangle has length 12 and width 4. Its area is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A rectangular prism has length 5 width 4 and height 6. Its volume is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **A cube has side 6. Its surface area is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **A straight angle is split into 71 degrees and another angle. The other angle in degrees is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A gear has 26 teeth around a circle of diameter 13. The number of teeth per centimetre of diameter is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **The x coordinate of the midpoint of (3,4) and (11,10) is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **Two sides of length 5 meet at 60 degrees. By the cosine law the third side is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	56	**5.**	120	**9.**	7
2.	A	**6.**	216	**10.**	5
3.	53	**7.**	109		
4.	48	**8.**	2		

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