QUEBEC MATHEMATICS, SCIENCE OPTION, SECONDARY IV · UNIT C

Geometry — Practice Test

Quebec Mathematics, Science 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 **The distance between (3,2) and (6,6) is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **In a right triangle with adjacent 4 hypotenuse 5 the cosine of the angle is**

A 0.8

B 0.6

C 1.25

D 0.75

Understand It with Pulse | Flag a mistake

3 **The distance between (2,0) and (8,8) is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A right triangle has hypotenuse 15 and one leg 9. The other leg is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **Two angles of a triangle are 102 degrees and 42 degrees. The third angle in degrees is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **A rectangle has length 17 and width 6. Its perimeter is**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

ANSWER _____

Understand It with Pulse | Flag a mistake

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

A equilateral

B isosceles

C scalene

D right

Understand It with Pulse | Flag a mistake

9 **A cube has side 7. Its surface area is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **Two triangles are similar with a scale factor of 5. A side of length 17 in the smaller triangle has length in the larger triangle**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	5	**5.**	36	**9.**	294
2.	A	**6.**	46	**10.**	85
3.	10	**7.**	216		
4.	12	**8.**	A		

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