QUEBEC MATHEMATICS, CULTURAL, SOCIAL AND TECHNICAL OPTION, SECONDARY V · UNIT C

Geometry — Practice Test

Quebec Mathematics, Cultural, Social and Technical Option, Secondary V • 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 circle has radius 11. Using pi=3.14 its circumference is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **Two angles of a triangle are 58 degrees and 68 degrees. The third angle in degrees is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **An observer 48 metres from a tower sees its top at 45 degrees. The tower height in metres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A right triangle has hypotenuse 25 and one leg 7. The other leg is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **An observer 33 metres from a tower sees its top at 45 degrees. The tower height in metres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **Two sides of length 12 meet at 60 degrees. By the cosine law the third side is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **Two triangles are similar with a scale factor of 4. A side of length 11 in the smaller triangle has length in the larger triangle**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A sector of a circle of radius 13 has an angle of 90 degrees. Using pi=3.14 its area is**

ANSWER

Understand It with Pulse | Flag a mistake

9 **Two angles of a triangle are 48 degrees and 83 degrees. The third angle in degrees is**

ANSWER

Understand It with Pulse | Flag a mistake

10 **The x coordinate of the midpoint of (2,5) and (10,11) is**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	69.08	**5.**	33	**9.**	49
2.	54	**6.**	12	**10.**	6
3.	48	**7.**	44		
4.	24	**8.**	132.66		

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