Geometry — Practice Test

Quebec Mathematics, Technical and Scientific 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 6. Using pi=3.14 its area is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **Two lines that cross to form a right angle are**

A. parallel

B. perpendicular

C. coincident

D. skew

Understand It with Pulse | Flag a mistake

3 **Two angles of a triangle are 49 degrees and 84 degrees. The third angle in degrees is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A vector has components 3 and 4. Its magnitude is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A rectangle has length 13 and width 10. Its area is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **Triangle ABC is right angled at A with AB=20 and AC=21. The length of BC is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **A rectangular prism has length 9 width 9 and height 8. Its volume is**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **Two triangles are similar with a scale factor of 5. A side of length 19 in the smaller triangle has length in the larger triangle**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **Triangle ABC is right angled at A with AB=15 and AC=20. The length of BC is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	113.04	**5.**	130	**9.**	95
2.	B	**6.**	29	**10.**	25
3.	47	**7.**	648		
4.	5	**8.**	44		

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