Geometry, Transformations and Trigonometry — Practice Test

Newfoundland and Labrador Mathematics 3202 • 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 **Two angles of a triangle are 70 degrees and 60 degrees. The third angle is, in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The reflection of the point (-2, 5) in the y axis is**

A (-2, -5)

B (2, 5)

C (2, -5)

D (-2, 5)

Understand It with Pulse | Flag a mistake

3 **The rotation of the point (3, 4) by 90° counterclockwise about the origin is**

- **A** (-4, 3)
- **B** (4, -3)
- **C** (-3, -4)
- **D** (3, 4)

Understand It with Pulse | Flag a mistake

4 **The right triangle shown has legs 5 units and 12 units. Its hypotenuse is**

- **A** 13
- **B** 12
- **C** 17
- **D** 7

Understand It with Pulse | Flag a mistake

5 The rotation of the point (2, 5) by 90° clockwise about the origin is

- A (-5, 2)
- B (-2, -5)
- C (2, 5)
- D (5, -2)

Understand It with Pulse | Flag a mistake

6 The sum of the interior angles of a triangle is, in degrees

ANSWER _____

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7 Two angles of a triangle are 110 degrees and 60 degrees. The third angle is, in degrees

ANSWER _____

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8 The reflection of the point (6, -1) in the y axis is

- A (6, 1)
- B (-6, 1)
- C (-6, -1)
- D (6, -1)

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9 The rotation of the point (-5, 2) by 90° counterclockwise about the origin is

- A (2, 5)
- B (-2, -5)
- C (5, -2)
- D (-5, 2)

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10 **Two angles of a triangle are 90 degrees and 45 degrees. The third angle is, in degrees**

ANSWER

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ANSWER KEY

1.	50	**5.**	D	**9.**	B
2.	B	**6.**	180	**10.**	45
3.	A	**7.**	10		
4.	A	**8.**	C		

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