TRIGONOMETRY: TRIGONOMETRIC RATIOS - PRACTICE TEST | NEW BRUNSWICK GEOMETRY, MEASUREMENT AND FINANCE 10 · UNIT C · 10 QUESTIONS

Trigonometry: Trigonometric Ratios — Practice Test

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 sine of 0 degrees is**

- A 1
- B 0.5
- C 0
- D 0.866

Understand It with Pulse | Flag a mistake

2 **The cosine of 0 degrees is**

A 0

B 0.5

C 0.866

D 1

Understand It with Pulse | Flag a mistake

3 **The sine of 45 degrees is approximately**

A 0.707

B 0.5

C 1

D 0.866

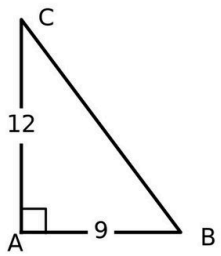
Understand It with Pulse | Flag a mistake

4 **In a right triangle the longest side is the**

- **A** opposite side
- **B** hypotenuse
- **C** adjacent side
- **D** base only

Understand It with Pulse | Flag a mistake

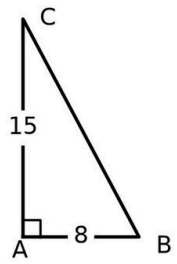
5 **The diagram shows a right triangle with legs 9 and 12. Its hypotenuse is**



ANSWER

Understand It with Pulse | Flag a mistake

6 **The diagram shows a right triangle with legs 8 and 15. Its hypotenuse is**



ANSWER

Understand It with Pulse | Flag a mistake

7 **A ramp rises 6 over a horizontal run 8. The tangent of its angle as a decimal is**

ANSWER

Understand It with Pulse | Flag a mistake

8 **A right triangle has opposite side 24 and hypotenuse 25. The sine as a decimal is**

ANSWER

Understand It with Pulse | Flag a mistake

9 **To find a missing side using a known angle a student first identifies the**

A colour of the triangle

B author of the problem

C known and unknown sides

D page number

Understand It with Pulse | Flag a mistake

10 **Angles in a right triangle other than the right angle are**

A obtuse

B reflex

C straight

D acute

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	C	**5.**	15	**9.**	C
2.	D	**6.**	17	**10.**	D
3.	A	**7.**	0.75		
4.	B	**8.**	0.96		

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