TRIGONOMETRY: TRIGONOMETRIC RATIOS - PRACTICE TEST | NEW BRUNSWICK GEOMETRY, MEASUREMENT AND FINANCE 10 · UNIT C · 5 QUESTIONS

Trigonometry: Trigonometric Ratios, 5-question test — 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 **Two students at a desk comparing two open books side by side. A right triangle has opposite side 9 and hypotenuse 15. The sine ratio is**



A 9/15

B 12/15

C 9/12

D 15/9

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2

A right triangle has opposite side 8 and hypotenuse 17. The sine ratio is

Question 2

A right triangle has opposite side 8 and hypotenuse 17. The sine ratio is

A) $\frac{15}{17}$ B) $\frac{8}{17}$

C) $\frac{8}{15}$ D) $\frac{17}{8}$

A 15/17

B 8/17

C 8/15

D 17/8

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3

A right triangle has opposite side 9 and hypotenuse 15. The sine as a decimal is

Question 3

A right triangle has opposite side 9 and hypotenuse 15. The sine as a decimal is

ANSWER

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4

A right triangle has adjacent side 12 and hypotenuse 15. The cosine as a decimal is

Question 4

A right triangle has adjacent side 12 and hypotenuse 15. The cosine as a decimal is

ANSWER

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5

A right triangle has opposite side 9 and adjacent side 12. The tangent as a decimal is

Question 5

A right triangle has opposite side 9 and adjacent side 12. The tangent as a decimal is

ANSWER

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ANSWER KEY

1. A
2. B
3. 0.6
4. 0.8
5. 0.75

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