NOVA SCOTIA PRE-CALCULUS 12 · UNIT D · 10 QUESTIONS

Trigonometry — 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 **In a right triangle, for angle A the opposite side is 21 and the adjacent side is 28. Find tan A to two decimal places.**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **In a right triangle, for angle A the opposite side is 33 and the adjacent side is 44. Find tan A to two decimal places.**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **In a right triangle, for angle A the opposite side is 40 and the adjacent side is 42. Find tan A to two decimal places.**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The sine function has period**

A 360 degrees

B 180 degrees

C 90 degrees

D 720 degrees

Understand It with Pulse | Flag a mistake

5 **The cosine function is an**

A odd function

B even function

C linear function

D constant function

Understand It with Pulse | Flag a mistake

6 **The sine function is an**

A even function

B linear function

C odd function

D constant function

Understand It with Pulse | Flag a mistake

7 **An angle of 180 degrees is in**

A the first quadrant

B the second quadrant

C the fourth quadrant

D standard position pointing along the -x axis

Understand It with Pulse | Flag a mistake

8 **An angle of 270 degrees points along**

A the negative y axis

B the positive y axis

C the +x axis

D the -x axis

Understand It with Pulse | Flag a mistake

9 **The unit circle has radius**

A 2

B 1

C pi

D 360

Understand It with Pulse | Flag a mistake

10 **In radians, a full rotation is**

A pi

B π ÷ 2

C 2 pi

D 4 pi

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 0.75
2. 0.75
3. 0.95
4. A
5. B
6. C
7. D
8. A
9. B
10. C

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