ONTARIO ADVANCED FUNCTIONS, GRADE 12, UNIVERSITY PREPARATION (MHF4U) · UNIT C · 5 QUESTIONS

Trigonometric Functions — 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 **A model h(t) = 3 sin t + 15 has maximum value**

- A 15
- B 3
- C 19
- D 18

Understand It with Pulse | Flag a mistake

2 **A model h(t) = 6 sin t + 25 has minimum value**

- A 19
- B 25
- C 31
- D 0

Understand It with Pulse | Flag a mistake

3 **The amplitude of y = 5 cos x is**

- A 6
- B 5
- C 4
- D 1

Understand It with Pulse | Flag a mistake

4 **The period, in radians, of y = sin 5x is**

- A 2π
- B $2\pi/5$
- C π
- D $\pi/3$

Understand It with Pulse | Flag a mistake

5 **The reference angle for 330° in degrees, is**



A 60

B 40

C 90

D 30

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. D
2. A
3. B
4. B
5. D

© 2026 Brett Robbins. All Rights Reserved.