ALBERTA MATH 30-2 · UNIT 7 · 5 QUESTIONS

Sinusoidal Functions — Practice Test

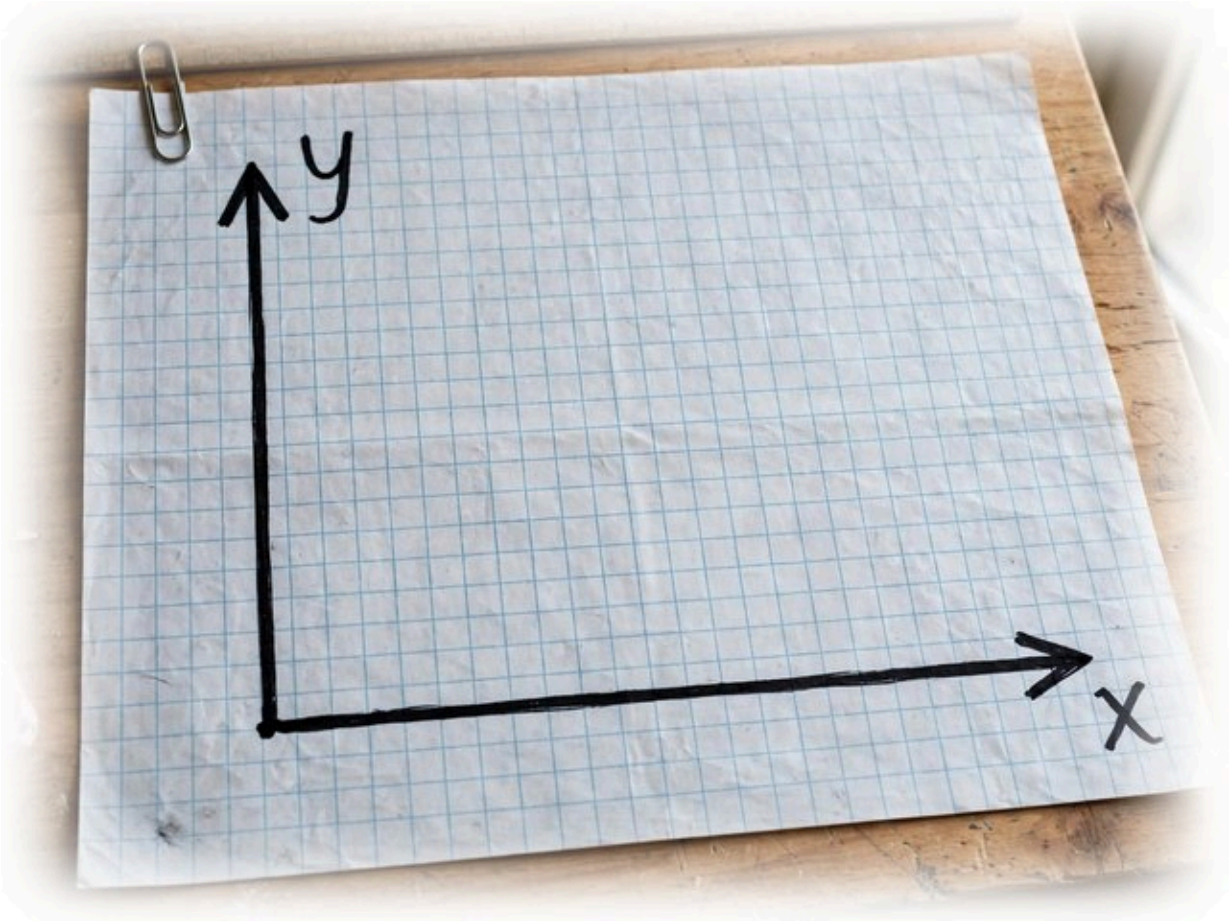
This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **The graph below shows a sinusoidal function. The amplitude of the function is**

- **A** -3
- **B** 3
- **C** 4
- **D** 2

Understand It with Pulse | Flag a mistake

2 **A coordinate grid shows x and y axes. The period of the function y = cos(4x) is**



A 45°

B 180°

C 90°

D 360°

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3 **The minimum value of the function y = 5sin x - 3 is**

A -3

B 2

C 8

D -8

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4 **A sinusoidal function has a maximum value of 18 and a minimum value of 6. Its amplitude is ____ Record your answer as an integer.**

ANSWER _____

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5 **The graph below shows a sinusoidal function. Its amplitude and period are**

A Amplitude: 3 Period: 12 s

B Amplitude: 6 Period: 12 s

C Amplitude: 3 Period: 6 s

D Amplitude: 2 Period: 12 s

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ANSWER KEY

1. B
2. C
3. D
4. 6
5. A

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