SASKATCHEWAN FOUNDATIONS OF MATHEMATICS 30 · UNIT F · 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 **Ocean waves rise and fall like a sine wave. A sinusoidal function has amplitude 3 and midline $y = 3$. Its maximum value is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **A sinusoidal function has amplitude 2 and midline $y = 3$. Its minimum value is**

ANSWER

Understand It with Pulse | Flag a mistake

3 **A sinusoidal function has amplitude 3 and midline y = -1 . Its minimum value is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A sinusoidal function has amplitude 4 and midline y = 3 . Its maximum value is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The function y = 3 sin x + (-2) has midline y equals**

A -2

B 3

C 2

D 0

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 6
2. 1
3. -4
4. 7
5. A

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