Sinusoidal Functions — Practice Test

Saskatchewan Foundations of Mathematics 30 • 10 questions

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

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A sinusoidal function has amplitude 4 and midline $y = 0$. Its maximum value is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The function y = 3 sin x + 2 has midline y equals**

A 3

B 2

C -2

D 0

Understand It with Pulse | Flag a mistake

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

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A sinusoidal function has amplitude 2 and midline y = -1 . Its minimum value is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **The function y = 3 sin x + (-4) has midline y equals**

- A 3
- B 4
- C -4
- D 0

Understand It with Pulse | Flag a mistake

7 **The function y = 3 sin x + 1 has midline y equals**

- A 3
- B -1
- C 0
- D 1

Understand It with Pulse | Flag a mistake

8 **A sinusoidal function has amplitude 5 and midline y = -1 . Its minimum value is**

ANSWER

Understand It with Pulse | Flag a mistake

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

ANSWER

Understand It with Pulse | Flag a mistake

10 **A sinusoidal function has amplitude 2 and midline y = 1 . Its minimum value is**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	0	**5.**	-3	**9.**	5
2.	4	**6.**	C	**10.**	-1
3.	B	**7.**	D		
4.	0	**8.**	-6		

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