BRITISH COLUMBIA FOUNDATIONS OF MATHEMATICS 12 (MFOM-12) · UNIT B · 5 QUESTIONS

Advanced Functions and Regression — 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 **If $f(x) = x^2 - 5x + 6$, then the value of $f(3)$ is ____.**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **If $f(x) = 4 \cdot 3^x$, then the value of $f(2)$ is ____.**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Small log cabins covered in snow in a bare winter forest. The value of $\log_5 125$ is ____.**



ANSWER _____

Understand It with Pulse | Flag a mistake

4 The amplitude of $y = 5 \sin x$ is

- **A** 1
- **B** 2
- **C** 5
- **D** 10

Understand It with Pulse | Flag a mistake

5 The period of $y = \sin 2x$ is

- **A** $\frac{\pi}{2}$
- **B** π
- **C** 2π
- **D** 4π

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 0
2. 36
3. 3
4. C
5. B

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