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

Exponential and Logarithmic 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 y intercept of $y = \log_2(x + 2)$ is

- **A** 2
- **B** 0
- **C** 1
- **D** 12

Understand It with Pulse | Flag a mistake

2 **The y intercept of $y = \log_2(x + 4)$ is**

- A 2
- B 3
- C 1
- D 0

Understand It with Pulse | Flag a mistake

3 **The y intercept of $y = \log_2(x + 8)$ is**

- A 3
- B 4
- C 2
- D 0

Understand It with Pulse | Flag a mistake

4 **The y intercept of $y = \log_2(x + 16)$ is**

A 5

B 3

C 0

D 4

Understand It with Pulse | Flag a mistake

5 **Bacteria in a dish double every hour. An amount grows as $A(t) = 100(2)^t$ The value when t = 2 is**



A 400

B 200

C 411

D 500

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ANSWER KEY

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

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