NEWFOUNDLAND AND LABRADOR MATHEMATICS 3200 · UNIT D · 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 **Cliff face showing clear horizontal layers of sedimentary rock. The horizontal asymptote of $y = 3^x + 1$ is**



A. $y = 0$

B. $y = 1$

C. $y = 3$

D. $x = 1$

Understand It with Pulse

Flag a mistake

2 **If $e^x = 20$, then x is, to two decimal places**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **If $e^x = 50$, then x is, to two decimal places**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **An amount of 1000 dollars doubles. The doubled amount is, in dollars**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **An amount of 2500 dollars doubles. The doubled amount is, in dollars**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. B
2. 3
3. 3.91
4. 2000
5. 5000

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