NEWFOUNDLAND AND LABRADOR MATHEMATICS 3200 · UNIT D · 10 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 $\log_2 4 + \log_2 8$ is

ANSWER

Understand It with Pulse | Flag a mistake

2 $\log_2 9 + \log_2 8$ is

ANSWER

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3 $\log_7 49$ is

ANSWER

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4 $\log_6 216$ is

ANSWER

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5 $5^x = 625$. The value of x is

ANSWER

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6 A sample of 960 grams halves every period. After 3 periods, the mass remaining is, in grams

ANSWER

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7 **$\log(\frac{a}{b})$ is equal to**

- A: log a - log b
- B: log a + log b
- C: $\frac{\log a}{\log b}$
- D: log a × log b

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8 **The domain of f(x) = log(x + 2) is**

- A: x ≥ -2
- B: x > -2
- C: x < -2
- D: x > 2

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9 **A population of 200 triples. The new population is**

ANSWER _____

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10 **ln e^7 is**

ANSWER _____

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ANSWER KEY

1. 5
2. 6
3. 2
4. 3
5. 4
6. 120
7. A
8. B
9. 600
10. 7

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