PRINCE EDWARD ISLAND PRE-CALCULUS 12 · UNIT D

Exponential and Logarithmic Functions — Practice Test

Prince Edward Island Pre-Calculus 12 • 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 **The solution of $2^x = 16$ is x equals**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The value of 10^4 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A culture of 50 cells doubles every hour. After 5 hours the cell count is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A culture of 300 cells triples every hour. After 2 hours the cell count is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A population starts at 200 and doubles every 2 hours. After 5 doubling periods the population is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **The value of e^0 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **The solution of $2^x = 256$ is x equals**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **The value of 5^3 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **The solution of $5^x = 25$ is x equals**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **The value of 2^8 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	4	**5.**	6400	**9.**	2
2.	10000	**6.**	1	**10.**	256
3.	1600	**7.**	8		
4.	2700	**8.**	125		

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