SASKATCHEWAN FOUNDATIONS OF MATHEMATICS 30 · UNIT E · 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 **A sample of 400 g has a half-life of 1 hour. After 1 hours, the mass remaining, in grams, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **An amount of 100 grows by a factor of 2 each year. After 2 years, the amount is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Solve : $2^x = 8$. The value of x is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **Bacteria in a dish double every year. A population of 200 doubles every year. After 3 years, the population is**



ANSWER

Understand It with Pulse | Flag a mistake

5 **A sample of 200 g has a half-life of 1 hour. After 2 hours, the mass remaining, in grams, is**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 200
2. 400
3. 3
4. 1600
5. 50

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