SASKATCHEWAN PHYSICS 30 · UNIT A · 5 QUESTIONS

Modern Physics — 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 remaining painted section of the Berlin Wall in Berlin, colorful murals on the concrete. A sample starts at 96 g. After 2 half lives, the mass remaining, in grams, is _____**



ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A allowed energy state of an electron in an atom is called**

A energy level

B photoelectric effect

C wave particle duality

D quantum

Understand It with Pulse | Flag a mistake

3 **A sample starts at 320 g. After 3 half lives, the mass remaining, in grams, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A sample starts at 48 g. After 2 half lives, the mass remaining, in grams, is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A sample starts at 144 g. After 1 half life, the mass remaining, in grams, is _____**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 24
2. A
3. 40
4. 12
5. 72

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