

Half-Life

Module: From the Universe to the Atom

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Overview

$$N = N e^{\wedge}(- t)$$

Core Ideas

- Define the concept in your own words.
- Identify the key variables and relationships.
- Connect the concept to the module inquiry question.

Key Formulas

- Half-Life:

$$\lambda = \frac{\ln 2}{t_{1/2}}$$

Exam Focus

- Expect both multiple choice and short answer questions.
- Show working and use correct units.

Related Concepts

- Review the linked module section for context and extensions.