

# Chapter 9

## 9

## Energy in a Cell

### Read, understand and study carefully

#### Section 9.1 The Need for Energy

In your notebook, read about cell energy.

Use each of the terms below just once to complete the passage.

energy  
ATP

phosphate  
chemical bonds

adenine  
work

charged  
release

To do biological (1) \_\_\_\_\_, cells require energy. A quick source of energy that cells use is the molecule (2) \_\_\_\_\_. The (3) \_\_\_\_\_ in this molecule is stored in its (4) \_\_\_\_\_. ATP is composed of a (5) \_\_\_\_\_ molecule bonded to a(n) (6) \_\_\_\_\_ sugar. Three (7) \_\_\_\_\_ molecules called (8) \_\_\_\_\_ groups are attached to the sugar.

In your notebook, read about forming and breaking down ATP and the uses of cell energy.

Examine the diagram below. Then answer the questions.



9. How is energy stored and released by ATP?

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10. How do cells use the energy released from ATP?

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# Energy In A Cell Reinforcement And Study Guide Answers

**A Loxley**



## **Energy In A Cell Reinforcement And Study Guide Answers:**

## Adopting the Tune of Term: An Mental Symphony within **Energy In A Cell Reinforcement And Study Guide Answers**

In a global eaten by monitors and the ceaseless chatter of instant interaction, the melodic beauty and psychological symphony created by the prepared word frequently disappear into the back ground, eclipsed by the persistent sound and interruptions that permeate our lives. But, situated within the pages of **Energy In A Cell Reinforcement And Study Guide Answers** an enchanting literary prize brimming with fresh feelings, lies an immersive symphony waiting to be embraced. Crafted by an elegant composer of language, that interesting masterpiece conducts visitors on a psychological trip, skillfully unraveling the hidden songs and profound impact resonating within each cautiously crafted phrase. Within the depths of this moving analysis, we shall explore the book is key harmonies, analyze its enthralling publishing design, and submit ourselves to the profound resonance that echoes in the depths of readers souls.

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