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Name Class Date

Chapter 15 Energy

Section 15.1 Energy and Its Forms

(pages 446-452)

This section describes how energy and work are related. It defines kinetic energy and potential energy, and gives examples for calculating these forms of energy. It also discusses examples of various types of energy.

Reading Strategy (page 446)

Building Vocabulary As you read, complete the concept map with vocabulary terms and definitions from this section. For more information on this Reading Strategy, see the Reading and Study Skills in the Skills and Reference Handbook at the end of your textbook.



Energy and Work (page 447)

- 1. What is energy? Energy is the ability to do work.
- When work is done on an object, _______ is transferred to that object. Circle the correct answer.

energy heat height

- 3. Circle the letter of each sentence that is true about work and energy.
 - a Energy in food is converted into muscle movement.
 - (b) Both work and energy are usually measured in joules.
 - c. One joule equals one meter per newton.

Kinetic Energy (pages 447-448)

- 4. The energy of motion is called kinetic energy
- 5. Is the following sentence true or false? You can determine the kinetic energy of an object if you know its mass and its volume.

 [take]

Physical Science Chapter 15 Energy Wordwise Answers

McGraw-Hill Staff

Physical Science Chapter 15 Energy Wordwise Answers:

Decoding **Physical Science Chapter 15 Energy Wordwise Answers**: Revealing the Captivating Potential of Verbal Expression

In a time characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its capability to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "Physical Science Chapter 15 Energy Wordwise Answers," a mesmerizing literary creation penned with a celebrated wordsmith, readers embark on an enlightening odyssey, unraveling the intricate significance of language and its enduring impact on our lives. In this appraisal, we shall explore the book is central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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