

REVIEW AND REINFORCEMENT GUIDE  
 CHAPTER 5 ■ Energy: Forms and Changes

SECTION  
**5-1 Nature of Energy**

(pages 108-111)

**KEY CONCEPTS**

▲ Energy can be defined as the ability to do work.

▲ The five main forms of energy are mechanical, heat, chemical, electromagnetic, and nuclear.

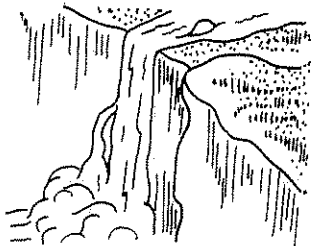
■ **Building Vocabulary Skills: Understanding Definitions**

Use your understanding of the term **energy** to complete the following sentences.

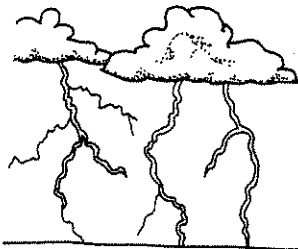
1. Energy appears in many \_\_\_\_\_.
2. Energy is the ability to do \_\_\_\_\_.
3. Energy is measured in \_\_\_\_\_.
4. Energy associated with motion is called \_\_\_\_\_.
5. An object gains energy when \_\_\_\_\_.
6. The internal motion of atoms is called \_\_\_\_\_.
7. Nuclear energy is released when \_\_\_\_\_.
8. Light and electricity are forms of \_\_\_\_\_.
9. When atomic bonds are broken, \_\_\_\_\_ is released.
10. Sound is a type of \_\_\_\_\_ energy.

■ **Forms of Energy: Understanding the Main Ideas** Pg 109-110

Identify which of the five main forms of energy is present in each situation. There may be more than one form.



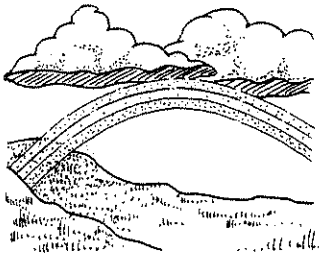
1. \_\_\_\_\_



2. \_\_\_\_\_



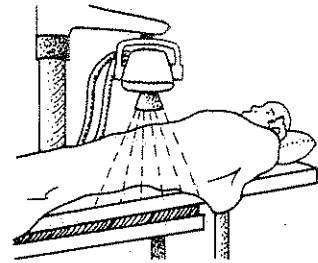
3. \_\_\_\_\_



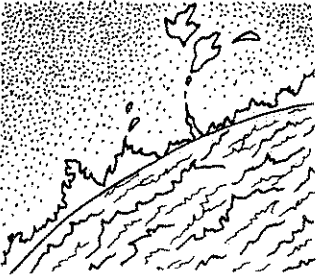
4. \_\_\_\_\_



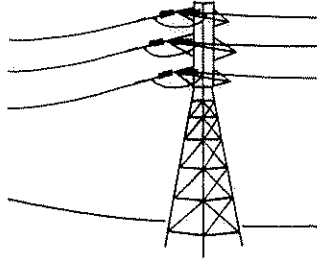
5. \_\_\_\_\_



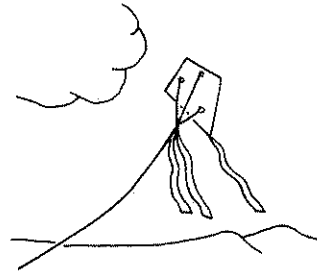
6. \_\_\_\_\_



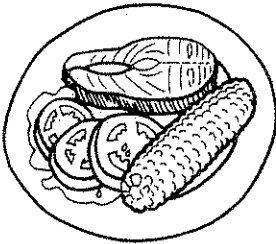
7. \_\_\_\_\_



8. \_\_\_\_\_



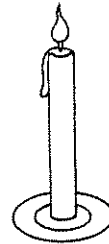
9. \_\_\_\_\_



10. \_\_\_\_\_



11. \_\_\_\_\_



12. \_\_\_\_\_