

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.

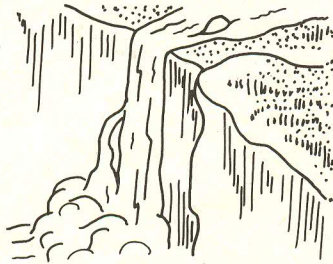
■ **Building Vocabulary Skills: Understanding Definitions**

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

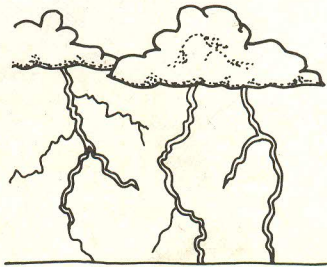
1. Energy appears in many \_\_\_\_\_ .
2. Energy is the ability to do \_\_\_\_\_ .
3. Energy is measured in \_\_\_\_\_ .
4. Energy associated with motion is called \_\_\_\_\_ .
5. An object gains energy when \_\_\_\_\_ .
6. The internal motion of atoms is called \_\_\_\_\_ .
7. Nuclear energy is released 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**

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



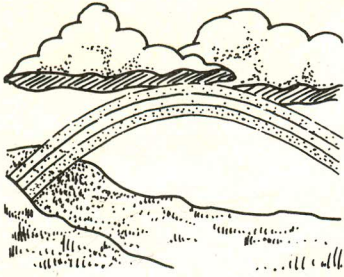
1. \_\_\_\_\_



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



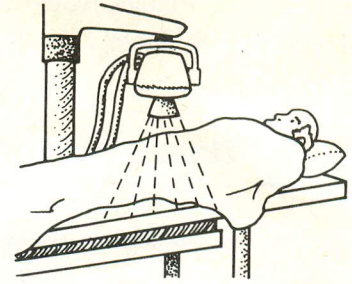
3. \_\_\_\_\_



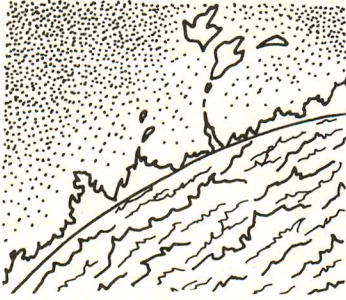
4. \_\_\_\_\_



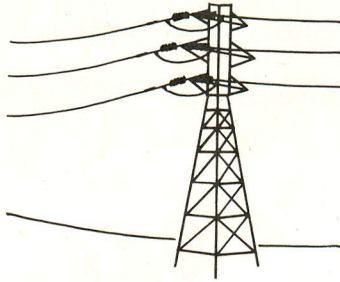
5. \_\_\_\_\_



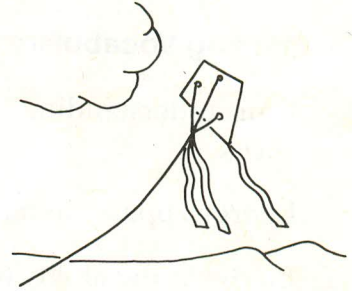
6. \_\_\_\_\_



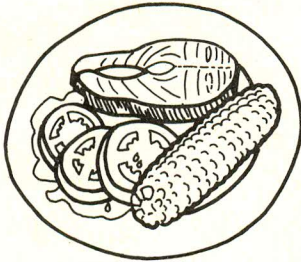
7. \_\_\_\_\_



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



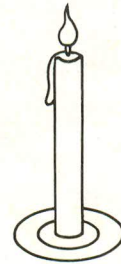
9. \_\_\_\_\_



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



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



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