

SECTION 5-1

REVIEW AND REINFORCE

The Nature of Energy

◆ Understanding Main Ideas

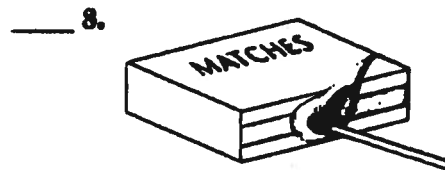
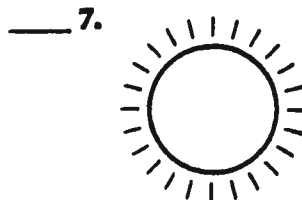
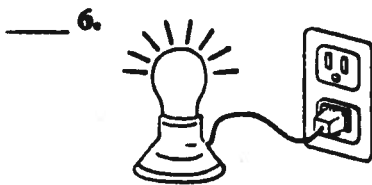
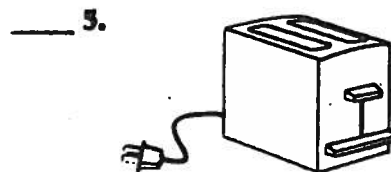
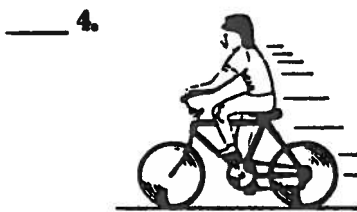
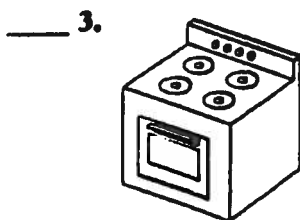
Answer the following questions on a separate sheet of paper.

1. How are work and energy related?
2. Compare and contrast kinetic energy and potential energy.

◆ Building Vocabulary

Match each illustration with the correct form(s) of energy by writing the letter or letters of the form(s) of energy on the line at the left.

- | | |
|----------------------|---------------------------|
| a. mechanical energy | b. electrical energy |
| c. thermal energy | d. nuclear energy |
| e. chemical energy | f. electromagnetic energy |



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Match each term with its definition by writing the letter of the correct definition in the right column on the line beside the term in the left column.

- | | |
|--|---|
| _____ 9. energy | a. the energy that depends on height |
| _____ 10. elastic potential energy | b. the ability to do work or cause change |
| _____ 11. gravitational potential energy | c. the energy associated with objects that can be stretched or compressed |