

## Assessment

**Section Quiz****Section: What Is Energy?**

Match the correct definition with the correct term. Write the letter in the space provided.

- |   |  |
|---|--|
| _____ 1. the ability to do work   | <b>a.</b> kinetic energy                 |
| _____ 2. the energy an object has because of its position   | <b>b.</b> energy                         |
| _____ 3. the energy you give to an object when you use a force that goes against the force of gravity | <b>c.</b> gravitational potential energy |
| _____ 4. the energy of motion   | <b>d.</b> mechanical energy              |
| _____ 5. the total energy of motion and position of an object   | <b>e.</b> potential energy               |

Write the letter of the correct answer in the space provided.

- \_\_\_\_\_ 6. Which of the following types of energy comes from a compound that changes as its atoms are rearranged?
- |                           |                          |
|---------------------------|--------------------------|
| <b>a.</b> kinetic energy  | <b>c.</b> thermal energy |
| <b>b.</b> chemical energy | <b>d.</b> light energy   |
- \_\_\_\_\_ 7. Which of the following is due to the random motion of particles?
- |                          |                          |
|--------------------------|--------------------------|
| <b>a.</b> kinetic energy | <b>c.</b> thermal energy |
| <b>b.</b> nuclear energy | <b>d.</b> sound energy   |
- \_\_\_\_\_ 8. Which energy is caused by an object's vibrations?
- |                             |
|-----------------------------|
| <b>a.</b> thermal energy    |
| <b>b.</b> electrical energy |
| <b>c.</b> chemical energy   |
| <b>d.</b> sound energy      |
- \_\_\_\_\_ 9. Which of the following is the energy that comes from changes in an atom's nucleus?
- |                           |
|---------------------------|
| <b>a.</b> thermal energy  |
| <b>b.</b> light energy    |
| <b>c.</b> nuclear energy  |
| <b>d.</b> chemical energy |