

Understanding Main Ideas



Study the illustration above and then read the following statements. If the statement is true, write true. If it is false, change the underlined word or words to make the statement true.

- _____ 1. An energy transformation is occurring only at point 3.
- _____ 2. In this example, the law of conservation of energy says that the ball never loses kinetic energy.
- _____ 3. As the ball rises from point 1 to point 3, it slows down.
- _____ 4. The ball has the most potential energy at point 3.
- _____ 5. The ball has the most kinetic energy at point 2.

Building Vocabulary

Write a definition for each of the following terms on the lines below.

6. energy transformation

7. law of conservation of energy

8. matter
