

# What Are Some Forms of Energy?

Lesson 1 Quiz

- 1 Ellie plugs a radio into an electrical outlet and turns it on. What change in energy takes place when she does this?
  - A Light energy changes into sound energy.
  - B Electrical energy changes into sound energy.
  - C Sound energy changes into electrical energy.
  - D Chemical energy changes into sound energy.
- 2 Fossil fuels are the most common source of energy. What else is **true** of fossil fuels?
  - A They are renewable.
  - B They form quickly underground.
  - C They can be made in a laboratory.
  - D They are burned to release energy.
- 3 A rolling ball has kinetic energy. What does it mean for an object to have kinetic energy?
  - A The object is in motion.
  - B The object has stored energy.
  - C The object has used all of its energy.
  - D The object is passing on its energy.
- 4 Objects can have potential energy because of their position. Which object has potential energy?
  - A book sitting on a table
  - B hands turning on a clock
  - C spinning wheels on a bike
  - D flag flapping in the wind
- 5 Objects may have potential energy or kinetic energy. How do potential energy and kinetic energy compare to each other?
  - A Both describe objects at rest.
  - B Both describe objects in motion.
  - C Both are forms of mechanical energy.
  - D An increase in one leads to an increase in the other.