

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.