

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.

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