

How Do We Use Electricity?

Lesson 5 Quiz

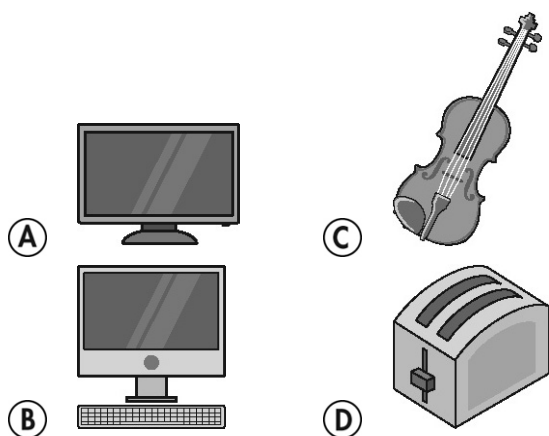
1 A light bulb converts electrical energy into which of the following?

- (A) light only
- (B) heat only
- (C) heat and light
- (D) light and motion

2 Many appliances in your home and school use electrical energy. Which of these appliances is intended to convert electrical energy into sound energy?

- (F) printer
- (G) refrigerator
- (H) electric heater
- (I) music amplifier

3 When Lindsay got home from school, she noticed that there was no electricity. Which of these items will she be able to use before the electricity comes back on?



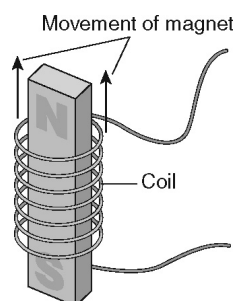
4 The girl shown below is using an electrical appliance that has a motor.



Which energy transformation is she using?

- (F) electrical energy into heat energy and energy of motion
- (G) electrical energy into sound energy and chemical energy
- (H) sound energy into electrical energy and energy of motion
- (I) energy of motion into electrical energy and sound energy

5 The magnet is moving inside the wire coil, producing an electric current.



What happens to the electric current if the magnet no longer moves in the coil?

- (A) It stops flowing.
- (B) It continues to flow as it did.
- (C) It flows in the opposite direction.
- (D) It starts to flow in the magnet instead of the wire.