

Exercises on Lesson 2

● Understand

● Apply

● Higher Thinking Skills

1 Choose the correct answer :

- 1. In the hair dryer, the electrical energy is converted into , and energies.
 - a. sound – thermal – kinetic
 - b. kinetic – light – chemical
 - c. thermal – light – chemical
 - d. light – sound – chemical
- 2. In the washing machine, the energy is converted into kinetic and sound energies. (Giza 2023)
 - a. light
 - b. electrical
 - c. thermal
 - d. potential
- 3. You feel warm when you rub your hands together, because energy is converted into thermal energy. (Cairo 2023)
 - a. kinetic
 - b. light
 - c. electrical
 - d. sound
- 4. Plants can convert the light energy from the Sun into energy which is stored in the plant in the form of sugar.
 - a. sound
 - b. electrical
 - c. chemical
 - d. kinetic
- 5. When you eat an apple, your body converts the energy stored in the apple into energy when you move.
 - a. chemical – electrical
 - b. kinetic – chemical
 - c. electrical – chemical
 - d. chemical – kinetic
- 6. Electric wires are made of
 - a. copper.
 - b. paper.
 - c. wood.
 - d. glass.

2 Put (✓) or (✗) :

- 1. In the soap dispenser, potential energy is converted into kinetic energy. ()
- 2. In the electric blender, sound energy is converted into electrical energy and kinetic energy. ()
- 3. Most of energy chains starts with the energy of the moon. (Giza 2023) ()
- 4. Light energy from the Sun helps trees to grow. ()
- 5. Both the hair dryer and the washing machine depend on the same kind of energy to operate. ()