

Homework on lesson 1

1 Choose the correct answer:

1. In the battery of a toy car..... energy is converted into electrical energy.
 - a. chemical
 - b. sound
 - c. light
 - d. thermal
2. Curiosity rover is designed to explore
 - a. Earth.
 - b. Mars.
 - c. the Sun.
 - d. the moon.

2 Put (V) or (x):

1. We can convert the solar energy into different forms of energy.
2. Mars rover Curiosity cannot move without electrical energy.

3 Correct the underlined words:

1. Toy cars depend on fuel as a source of electrical energy.

4 Write the scientific term of each of the following:

1. The energy produced from batteries.

5 Complete the following sentences:

1. Remote controlled toy car converts energy stored in its batteries into energy that is converted into energy which is used to move the car.
2. On planet Mars, Curiosity robot is operated by using energy from sunlight that is converted into.....energy used to recharge its batteries.

6 Give reasons for:

1. Some calculators use the sunlight to operate.

7 What happens if...?

1. Solar calculators were exposed to the sunlight.

