

ENERGY**A. Draw a line to match the energy form with its correct definition.**

Heat Energy

Energy stored in foods and living things.

Chemical Energy

The energy inside the nucleus of an atom

Nuclear Energy

Sun, light or fire emit this type of energy.

Light Energy

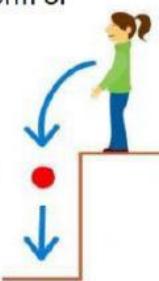
Energy that allows us to see

Electrical Energy

Lightning is an example of this type of energy.

B. Select the correct answer.

Which correctly matches the form of energy shown here?



A. Kinetic: energy of position
 B. Potential: energy of position
 C. Potential: energy of motion
 D. Kinetic: energy of motion

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A. Kinetic: energy of position
 B. Potential: energy of position
 C. Potential: energy of motion
 D. Kinetic: energy of motion

The 'Law of _____ of Energy' says that energy is never created or destroyed, it just changes states.



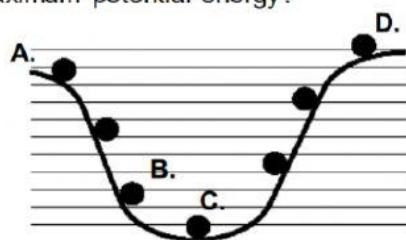
A. Conservation
 B. Reduction
 C. Induction
 D. Generation

The muscular (chemical) energy used by your muscles is turned into what form of energy to move a bike?



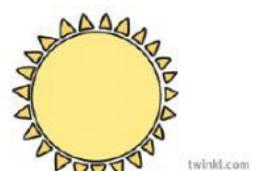
A. Electrical
 B. Heat
 C. Mechanical
 D. Radiant

At which point does the ball have the maximum potential energy?



A. Sound
 B. Electrical
 C. Solar
 D. Chemical

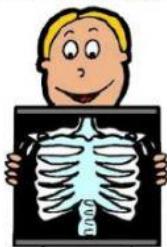
_____ is energy that comes from the sun



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X-rays allow doctors to take images of bones using this form of energy.

- A. Radian
- B. Heat
- C. Electrical
- D. Nuclear



A dry cell battery uses this form of energy to create electrical energy.

- A. Electrical
- B. Radian
- C. Chemical
- D. Nuclear



What kind of energy transformation occurs in a toaster?

- A. Electrical → Heat
- B. Thermal → Electrical
- C. Mechanical → Heat
- D. Kinetic → Potential



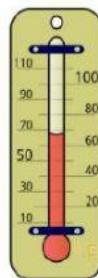
What kind of energy transformation occurs in an electric stove?

- A. Electrical → Heat
- B. Chemical → Heat
- C. Sound → Heat
- D. Heat → Chemical

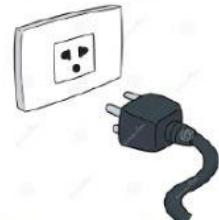


A thermometer is used to measure this form of energy.

- A. Potential
- B. Heat
- C. Chemical
- D. Radian



Which type of energy is seen in the picture?



- A. Electrical
- B. Chemical
- C. Mechanical
- D. Radian

What kind of energy transformation occurs in a flashlight?

- A. Potential → Kinetic
- B. Kinetic → Potential
- C. Heat → Sound
- D. Chemical → Light



What kind of energy transformation occurs when your body consumes food?

- A. Chemical → Kinetic
- B. Heat → Chemical
- C. Sound → Potential
- D. Chemical → Nuclear

