Name: _____ Grade: 7A Date: 09/06/2023

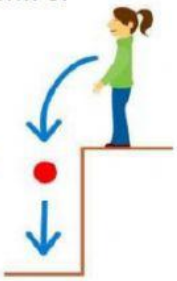
ENERGY

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

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

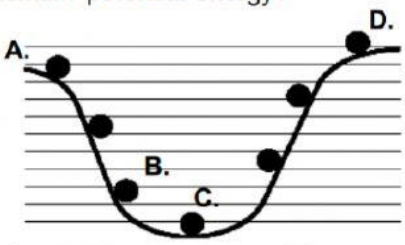
The 'Law of _____ of Energy' says that energy is never created or destroyed, it just changes states.

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?

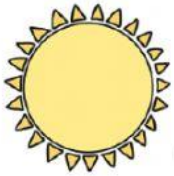
A. Electrical
B. Heat
C. Mechanical
D. Radiant

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



_____ is energy that comes from the sun.

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



LIVEWORKSHEETS

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

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

A thermometer is used to measure this form of energy.

A. Potential
B. Heat
C. Chemical
D. Radiant

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

A. Electrical
B. Radiant
C. Chemical
D. Nuclear

Which type of energy is seen in the picture?

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

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 a flashlight?

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

What kind of energy transformation occurs in an electric stove?

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

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

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

LIVEWORKSHEETS