

ENERGY 2

Energy is conserved and converted into other forms in devices.

1. Cut out and organize the energy used for a runner. Consider the input energy and the final waste energy.

Potential Energy



Heat Energy



Chemical Energy



Kinetic Energy



2. For the device below cut out and organize the energy used below. Consider the input energy and the final waste energy.

Electrical Energy



Potential Energy



Light and Heat Energy



3. Cut out and organize the energy used for the work below. Consider the input energy and the final waste energy.

Kinetic Energy



Sound and Heat Energy



Electrical Energy



Potential Energy



4. Cut and organize the energy used for the work below. Consider the input energy and the final waste energy.

Sound and Heat Energy



Mechanical Energy



Kinetic Energy



Potential Energy



5. Match the energy transformation for the following:

SORT ELEMENTS



electrical



chemical- petroleum



radiant – sun



chemical – food