

Types of Energy Review

Name:

Date:

Period:



Vocab

Instructions: For each vocabulary term, determine the correct definition .

A. Energy	B. Work	C. Kinetic Energy	D. Potential Energy
E. Power	F. Watt	G. Mechanical Energy	H. Joule

- _____ is the unit of power.
- _____ is the ability to do work.
- _____ is the combined kinetic energy and potential energy of an object.
- _____ is the product of the force applied to an object and its displacement.
- _____ is the energy of motion.
- _____ is the energy stored by the object.
- _____ is the unit of energy.
- _____ is the rate at which work is done.

Types of Energy

Instructions: For each definition, match the correct type of energy.

A. Kinetic Energy	B. Gravitational Potential	C. Elastic Potential	D. Thermal Energy	E. Electrical Energy
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- _____ is energy stored in an object due to gravity.
- _____ is the energy stored by objects that are stretched such as springs.
- _____ is the energy an object has due to its motion.
- _____ is the energy caused by moving electrical charges.
- _____ is energy in the form of heat.

Identify The Type of Energy

Instructions: For each scenario, identify the type of energy that the object has.

A. Kinetic

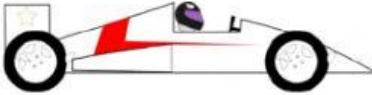
B. Gravitational Potential

C. Elastic Potential

D. Thermal Energy

E. Electrical

14. A race car drives with a velocity of 15 m/s.



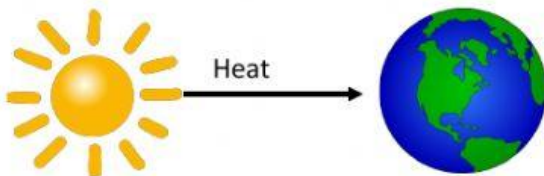
Type:

15. A spring is stretched 4 m from its equilibrium .



Type:

16. The sun gives the Earth heat.



Type:

17. An apple hangs on a tree 10 m above the ground.



Type:

18. A battery provides energy to a flashlight.



Type: