

Name _____

Types of Energy

Types of Potential Energy

Chemical Potential Energy

Elastic Potential Energy

Nuclear Potential Energy

Gravitational Potential Energy

Types of Kinetic Energy

Thermal Kinetic Energy

Sound Kinetic Energy

Radiant Kinetic Energy

Electrical Kinetic Energy

Motion Kinetic Energy

Directions: Read each scenario carefully and determine which type of energy is the best match. Use the types of energy listed in the box on the left as a word bank.

1. Electrons flowing through a wire to charge your cell phone.
2. Rays of sunlight traveling to a plant.
3. Heat from the tires of a car spinning at the start of a race.
4. The nucleus of a Uranium atom in a reactor at a power plant.
5. A skier at the top a mountain preparing to begin an Olympic race.
6. Gasoline in the tank of a large dump truck, ready to fuel the truck's engine for a long day at work.
7. A hunter with a bow and arrow stretched back ready to release when a deer approaches.
8. A wind turbine turning from gusts of wind.
9. The smack of a baseball on a bat, echoing through a baseball stadium.
10. The flex of a tennis ball, ready to bounce off a tennis racket at the right moment.

ANSWER KEY

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Elastic Potential Energy