

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.