

Name _____

Unlocking Energy: Understanding Potential and Kinetic Energy

Short Answer

1. Explain the concept of potential energy and provide an example from daily life.
2. Differentiate between potential energy and kinetic energy based on their states and characteristics.
3. Describe how potential energy can be transformed into kinetic energy using a real-world scenario.
4. Calculate the potential energy of a 5-kilogram object lifted to a height of 10 meters. Show your work and include units.
5. Give an example of an everyday object or activity where kinetic energy is evident.

