

Name _____

The Magical Dance of Potential and Kinetic Energy

Short Answer

1. Explain the concept of potential energy and provide an example.
2. Describe how potential energy is converted into kinetic energy in a roller coaster ride.
3. How does a pendulum illustrate the conversion of potential energy into kinetic energy?
4. Discuss the idea of energy conservation in the context of a roller coaster ride.
5. Provide an everyday example of the law of conservation of energy.

