

Name _____

The Dynamic Duo of Energy: Kinetic and Potential

Multiple Choice Questions

1. What type of energy is associated with motion?
 - a) Kinetic energy
 - b) Potential energy
 - c) Chemical energy
 - d) Thermal energy

2. When you press the gas pedal in a car, you are converting _____ into kinetic energy.
 - a) kinetic energy
 - b) potential energy
 - c) chemical energy
 - d) thermal energy

3. When you apply the brakes in a car, you are converting _____ into _____.
 - a) kinetic energy; potential energy
 - b) potential energy; thermal energy
 - c) kinetic energy; thermal energy
 - d) potential energy; kinetic energy

4. What type of energy is gained as a roller coaster climbs a hill?
 - a) Kinetic energy
 - b) Potential energy
 - c) Chemical energy
 - d) Thermal energy

5. What role does gravity play in the operation of roller coasters?
 - a) It doesn't affect roller coasters.
 - b) It converts potential energy into kinetic energy.
 - c) It converts kinetic energy into potential energy.
 - d) It generates heat.

