

Name _____

Exploring Kinetic Energy: Objects in Motion

Multiple Choice Questions

1. What is kinetic energy?
 - a) Energy of position
 - b) Energy of motion
 - c) Energy of sound
 - d) Energy of light

2. What determines the amount of kinetic energy an object has?
 - a) Its color
 - b) Its temperature
 - c) Its mass and speed
 - d) Its shape

3. Which of the following demonstrates kinetic energy?
 - a) A stationary rock
 - b) A moving car
 - c) A sleeping cat
 - d) A motionless tree

4. What happens to the kinetic energy of an object when it moves faster?
 - a) It decreases
 - b) It remains the same
 - c) It increases
 - d) It transforms into potential energy

5. Give an example of kinetic energy found in nature.
 - a) A still lake
 - b) A flying bird
 - c) A motionless tree stump
 - d) A closed book

