

## Potential and Kinetic Energy Quiz

Name: \_\_\_\_\_ Date: \_\_\_\_\_

1. What is potential energy?
  - a. the energy of motion
  - b. stored energy
  - c. atomic energy
2. What is kinetic energy?
  - a. the energy of motion
  - b. stored energy
  - c. heat energy
3. A moving object always has
  - a. potential energy
  - b. kinetic energy
4. If an object is not moving, it has
  - a. potential energy
  - b. kinetic energy
5. Who has more potential energy, a skier on top of a hill or a skier half way down the hill?
  - a. The skier on top of the hill.
  - b. The skier half way down the hill.
  - c. They both have the same potential energy.
  - d. Neither one has potential energy.
6. When would the kinetic energy in a ball become potential energy?
  - a. When the ball is thrown
  - b. When the ball is dropped
  - c. When the ball rolls down a hill
  - d. When the ball is rolled up a hill and stops at the top