



MOJA MACK SCIENCE

STUDENT GUIDE

III. Exit Ticket: Check for Understanding

Complete the exit ticket below *or* you can take the quiz online!

Name: _____

Date: _____

1. What is potential energy?
 - a. The amount of energy an object could have if it tried hard enough.
 - b. Moving Energy
 - c. Active Energy
 - d. Stored Energy
2. What is kinetic energy?
 - a. Stored energy
 - b. Moving energy
 - c. Potential Energy
 - d. All of the above
3. A(n) _____ in mass results in a(n) _____ in kinetic energy.
 - a. increase, increase
 - b. increase, decrease
 - c. decrease, increase
4. A(n) _____ in potential energy results in a(n) _____ in kinetic energy.
 - a. increase, increase
 - b. increase, decrease
 - c. decrease, decrease
5. There is a roller coaster car at the top of the hill, one at the middle of the hill, and one at the bottom of the hill. Which has the most potential energy?
 - a. The car at the bottom of the hill
 - b. The car in the middle of the hill
 - c. The car at the top of the hill
 - d. All of the cars have zero potential energy
6. Blaine and her sister are identical twins riding roller coasters at Kinetic Kars. They each ride the roller coaster on their own once. Next time, they ride the roller coaster together. On which ride do they have the most kinetic energy?
 - a. The first ride
 - b. The second ride
 - c. It is the same on both rides
 - d. There is no kinetic energy on either ride