

Name:

Date:

Class:

Pre-Activity Assessment Worksheet **Answer Key**

- Which of the following correctly defines momentum?
 - Mass in motion
 - Product of a body's mass and velocity
 - How difficult it is to stop a body
 - All of these are correct**
- If all of these objects move at the same speed, which one would have the greatest momentum?
 - Soccer ball
 - Bowling ball**
 - Baseball
 - Basketball
- The momentum of an object depends upon the object's _____?
 - Size and shape
 - Mass and velocity**
 - Mass and speed
 - Mass and energy
- The equation to calculate momentum is:
 - $p = mv$**
 - $P = mgh$
 - $P = 12mv^2$
 - $P = mg$
- Momentum is _____ quantity.
 - Science
 - Vector**
 - Scalar
 - Energy