

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

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

## **Hanging Bowling Ball**

A bowling ball with a mass of 4 kg is suspended by a string, 10 m above a crash pad. You cut the string, and the bowling ball falls down onto the crash pad.

What was the bowling ball's speed the moment before it hit the crash pad?

*Show your work, and write your answer in a complete sentence.*