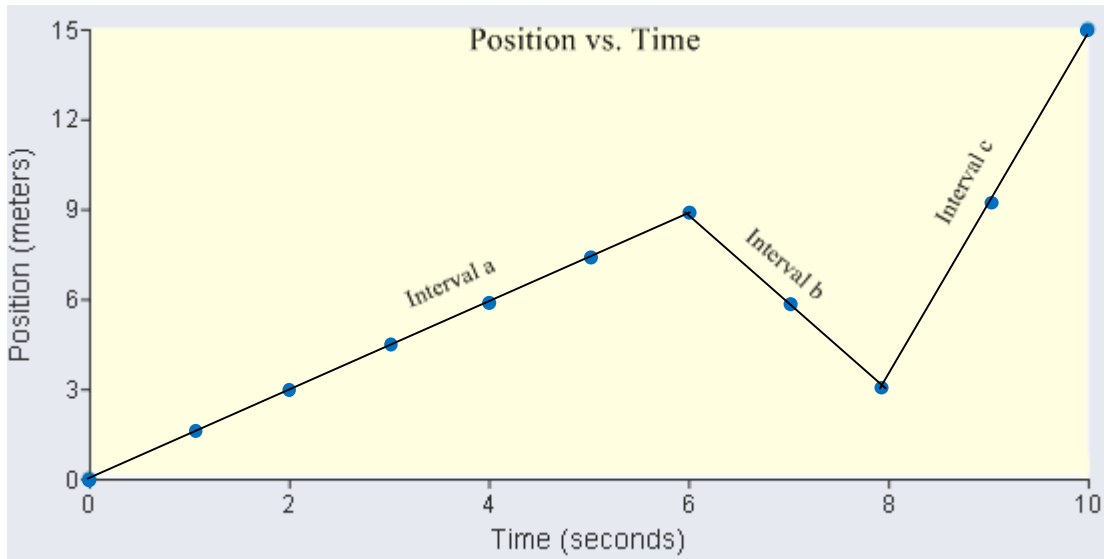


How Fast am I Moving? Check-In

Name: _____

Date: _____

Below is a graph showing Maya's **position versus time** while she walked on a straight, 15-meter walking path.



Answer the following questions about Maya's walk:

1. During what time interval did Maya walk the fastest?
 - a. Interval a
 - b. Interval b
 - c. Interval c
2. During what time interval did Maya walk the slowest?
 - a. Interval a
 - b. Interval b
 - c. Interval c

(over)

3. What was Maya's velocity from 8 to 10 seconds? _____ m/s
4. What was Maya's average velocity during the whole trip?
- a. 1 m/s
 - b. 1.5 m/s
 - c. 2 m/s
 - d. .67 m/s
5. Which of the following pieces of information help you find an object's velocity? (Check all that apply)
- The slope of the object's position-time graph
 - The position and time of the object at more than one point
 - The object's change in position divided by the change in time
 - None of the above

How Fast am I Moving? Check-In Answers

1. c 2. a 3. 6 m/s 4. b

5. The first three boxes should be checked --- The slope of the object's position-time graph; The position and time of the object at more than one point; The object's change in position divided by the change in time.