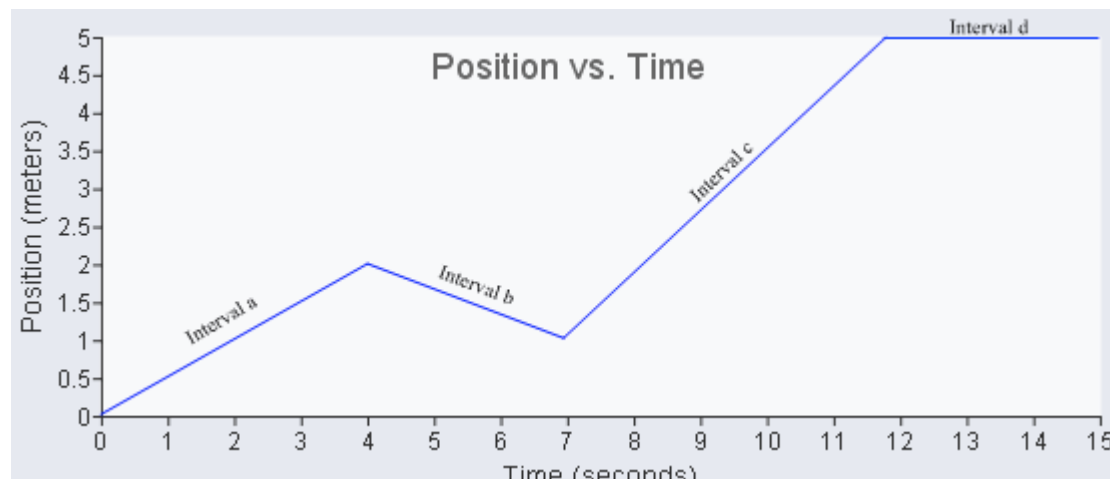


Toward and Away Check-In

Name: _____

Date: _____

Below is a graph showing Michaela's **position versus time** while she walked on a straight, 5-meter walking path. A motion sensor was placed at the 0-meter mark to record her position-time data while she walked.



Answer the following questions about Michaela's walk. Circle all that apply.

1. During what time interval(s) did Michaela walk away from the sensor?
 - a. Interval a
 - b. Interval b
 - c. Interval c
 - d. Interval d
2. During what time interval(s) did Michaela walk toward the sensor?
 - a. Interval a
 - b. Interval b
 - c. Interval c
 - d. Interval d

(over)

3. For how many seconds did Michaela walk toward the sensor?
 - a. 0 seconds
 - b. 3 seconds
 - c. 4 seconds
 - d. 8 seconds
4. What happened at 4 seconds?
 - a. Michaela stopped
 - b. Michaela walked forward
 - c. Michaela walked backward
 - d. Michaela changed directions
5. How far did Michaela walk during her journey?
 - a. 1 meters
 - b. 3 meters
 - c. 5 meters
 - d. 7 meters

Toward and Away Check-In Answers

1. a and c
2. b
3. b
4. d
5. d