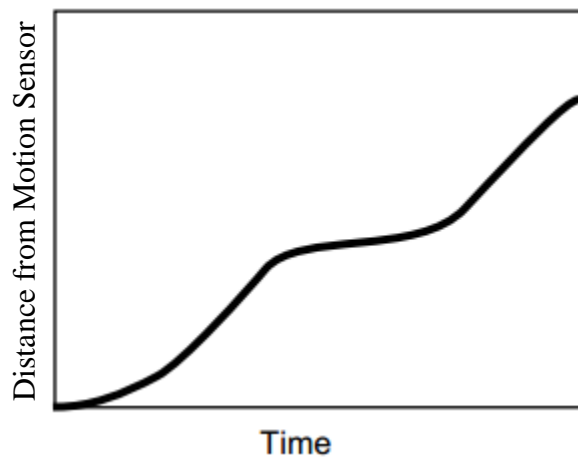
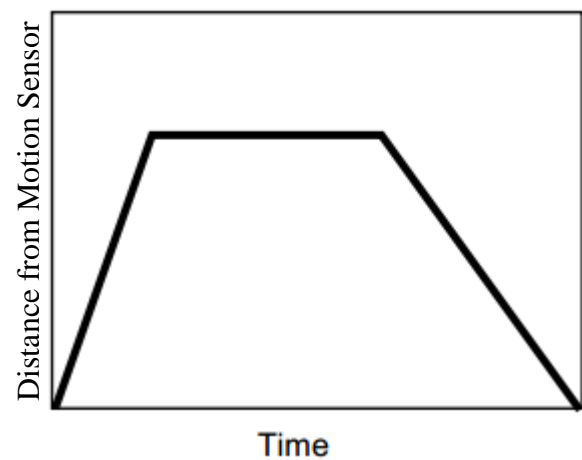
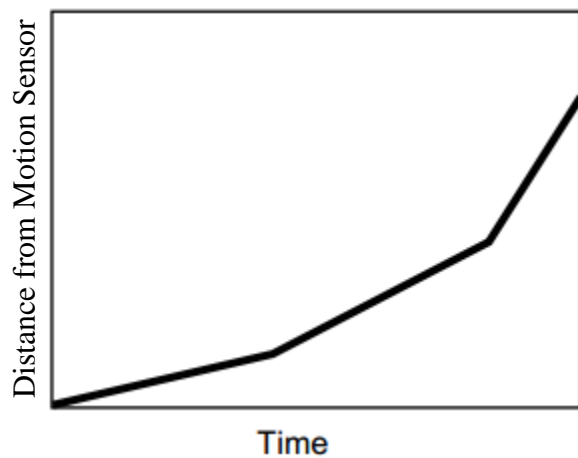
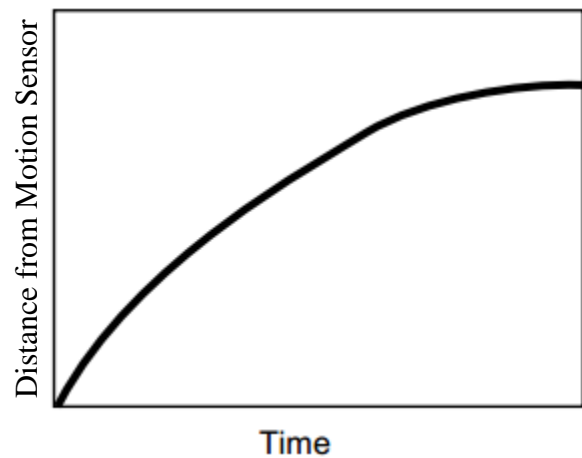
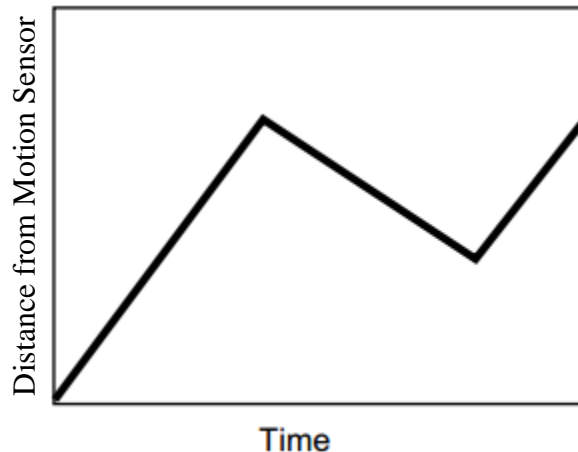
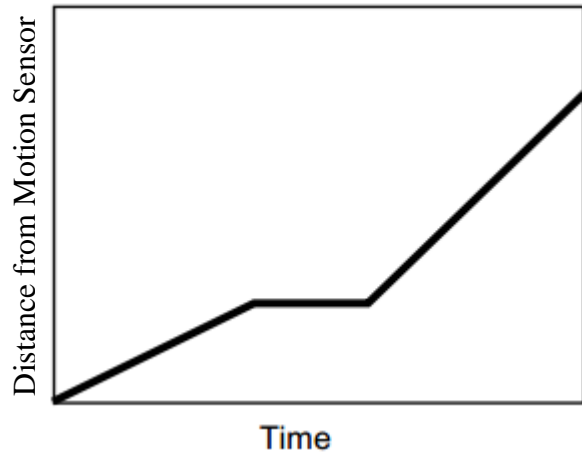
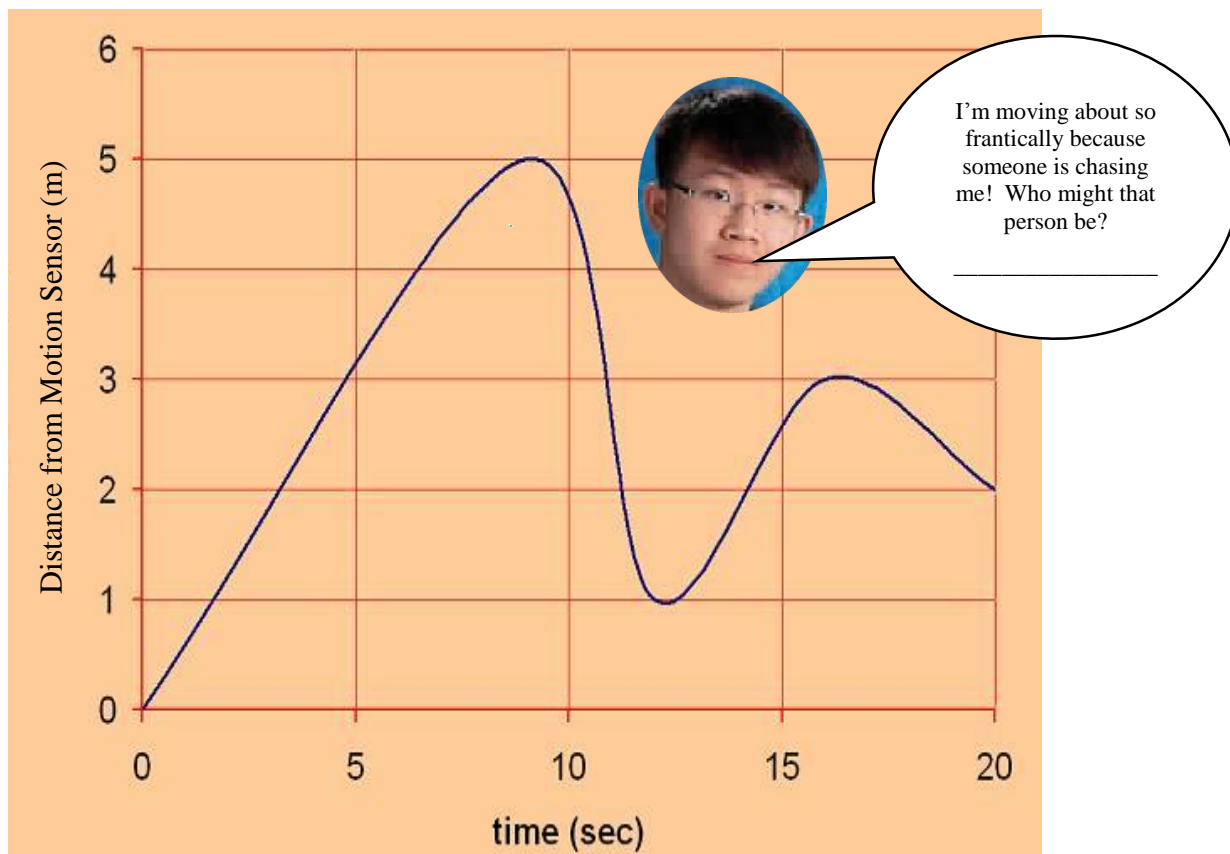


## INTERPRETING DISTANCE-TIME GRAPHS



## PRACTICE: INTERPRETING DISTANCE-TIME GRAPHS

The distance-time graph given below shows how Kevin's distance from a motion sensor changes over time. After studying the graph carefully, answer the questions at the bottom of the page.



1. At what times did Kevin's direction of travel change?	2. During what time intervals is Kevin moving away from the sensor?
3. During what time intervals is Kevin moving toward the sensor?	4. Estimate Kevin's speed from 0 s to 5 s. Is his speed constant during this time interval? How can you tell?
5. What was Kevin's fastest speed? At what time(s) was he moving at this speed?	6. What was Kevin's slowest speed? At what time(s) was he moving at this speed?
7. During which time intervals is Kevin's speed increasing? How can you tell?	8. During which time intervals is Kevin's speed decreasing? How can you tell?

9. Who was chasing Kevin? Why?