The graph below relates distance to time for a jogger on a morning run.

Juan is on a morning jog. His speed is represented in the graph.

a. At what rate of speed is Juan running between 4 min and 6 min?
b. According to this graph, what can you tell about Juan’s motion between 7 min and 11 min?
c. If Juan had maintained the same speed as in the first 7 min, how long would it have taken him to run 3000 m? Explain your answer.