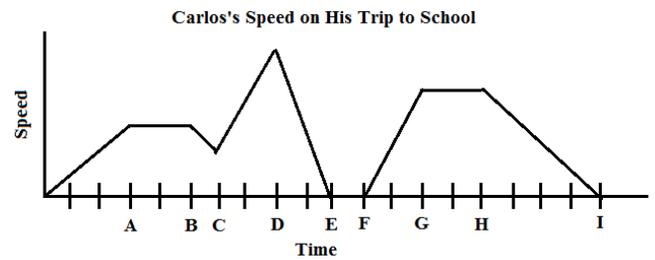


1 The graph below shows Carlos's speed on his trip to school.

Based on the graph, when is Carlos's speed decreasing most rapidly?

- (A) for times between B and C
- (B) for times between D and E
- (C) for times between E and F
- (D) for times between H and I



2 Nina rides her bike from home to school, passing by the library on the way and traveling at a constant speed for the entire trip. The map below shows the distances and directions between the locations.



(a) Sketch a graph of Nina's distance from school as a function of time.

(b) Sketch a graph of Nina's distance from the library as a function of time.