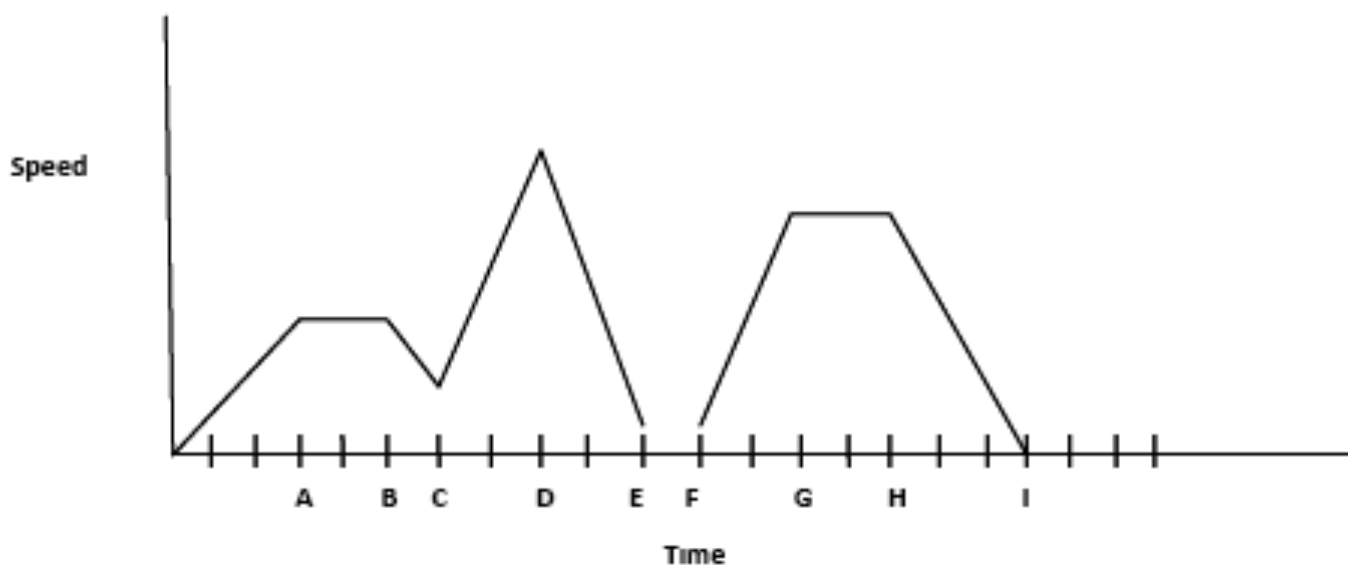


# That's My Story!

The graph below shows Rodney's speed on his trip to a local park.

**Rodney's Speed on His Trip to a Local Park**



On the basis of the graph, when is Rodney's speed decreasing the most rapidly?

- For the times between B and C
- For the times between D and E
- For the times between E and F
- For the times between F and G

Explain your answer.

On the basis of the graph, for which of the following times, other than before he starts, is Rodney's stopped?

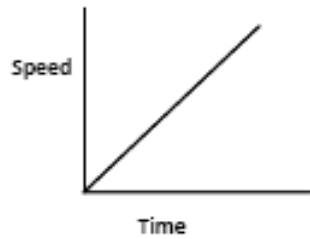
- For the times between A and B
- For the times between B and C
- At time D
- For the times between E and F

Explain your answer.

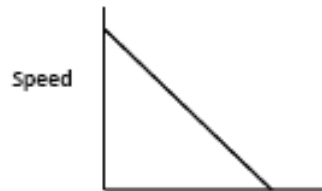
## Read my Graph!

Three graphs below show the progress of a motorist at different times during a drive. For each graph, describe the rider's progress over the time interval.

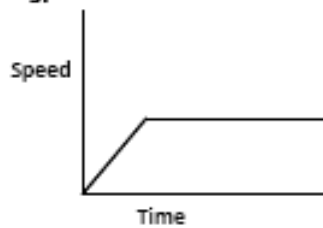
1.



2.



3.

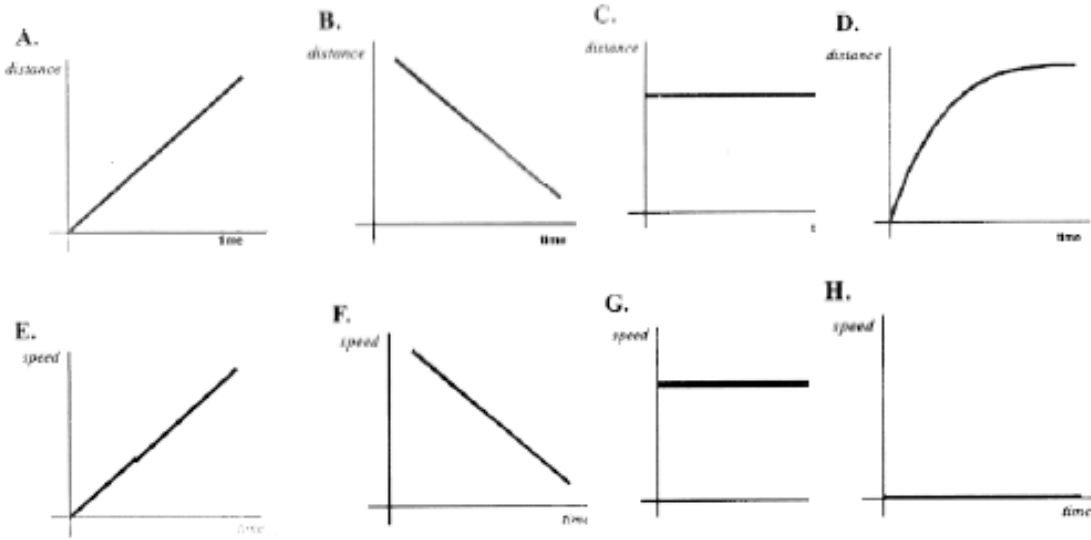


**Your turn.** Write a brief story about an event involving speed over time. Next, create a graph to illustrate the event. (Don't forget to label your axis).

The distance-time graphs below represent the motion of a car. Match the descriptions with the graphs. Explain your answers.

**Descriptions:**

1. The car is stopped.
2. The car is traveling at a constant speed.
3. The speed of the car is decreasing.
4. The car is coming back.
5. The car is stopped.
6. The car is traveling at a constant speed.
7. The car is accelerating.
8. The car is slowing down.



1. Graph A matches description \_\_\_\_ because \_\_\_\_\_.
2. Graph B matches description \_\_\_\_ because \_\_\_\_\_.
3. Graph C matches description \_\_\_\_ because \_\_\_\_\_.
4. Graph D matches description \_\_\_\_ because \_\_\_\_\_.
5. Graph E matches description \_\_\_\_ because \_\_\_\_\_.
6. Graph F matches description \_\_\_\_ because \_\_\_\_\_.
7. Graph G matches description \_\_\_\_ because \_\_\_\_\_.
8. Graph H matches description \_\_\_\_ because \_\_\_\_\_.

The distance-time graphs below represent the motion of a car. Match the descriptions