



Motion and Graphing: Student Activity Sheet

Name: _____

Date: _____

Part 1: Graphing Speed Data

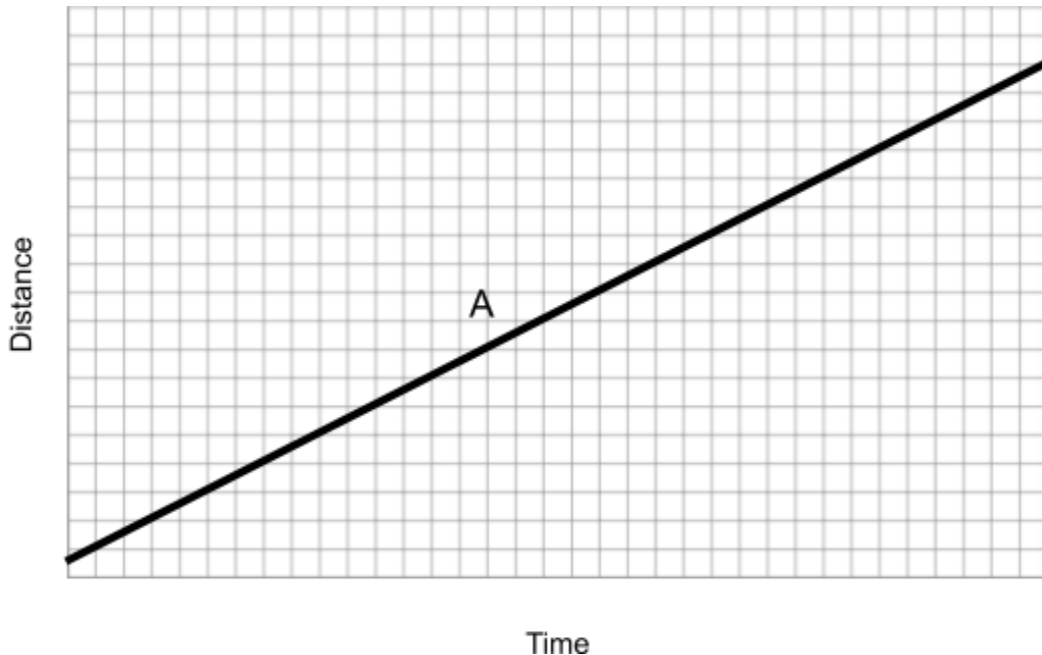
Using your **Data Table #1** and **Graph #1** answer the following questions.

1. Where do you think the marble was going the fastest? _____
2. Where do you think the marble was going the slowest? _____
3. Compare those two points on your graph. What do you notice? _____

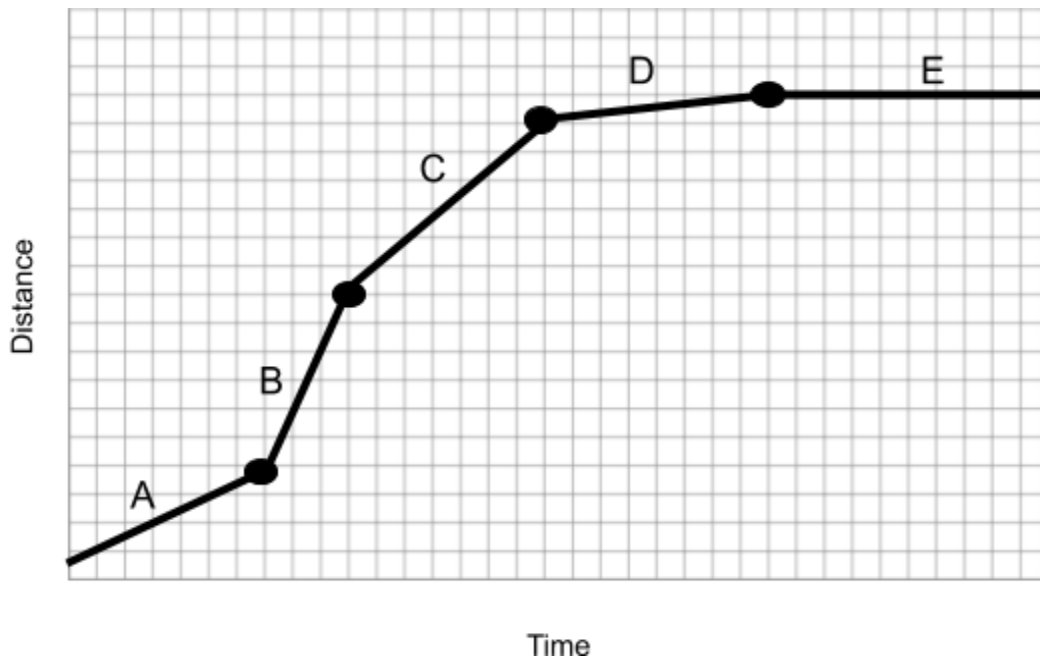
4. What is the average speed of the whole graph? _____
5. What is the average speed of the fastest 200mm? _____
6. What is the average speed of the slowest 200m? _____

Part 2: Distance/Time Graphs

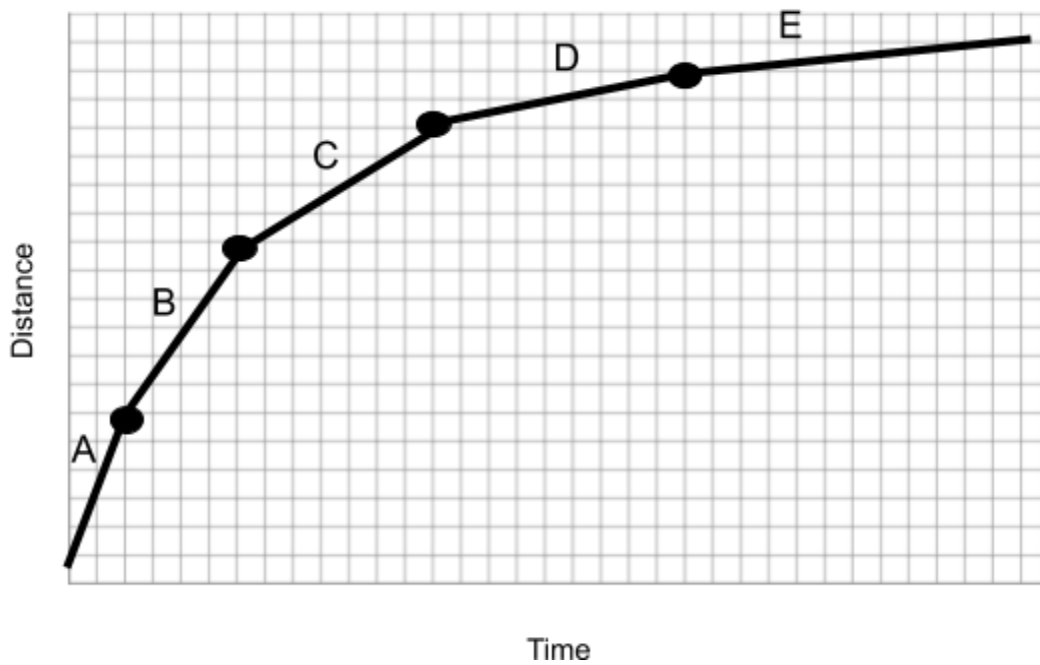
For each example, use evidence from the graph to tell the story of the marble's travel over time.



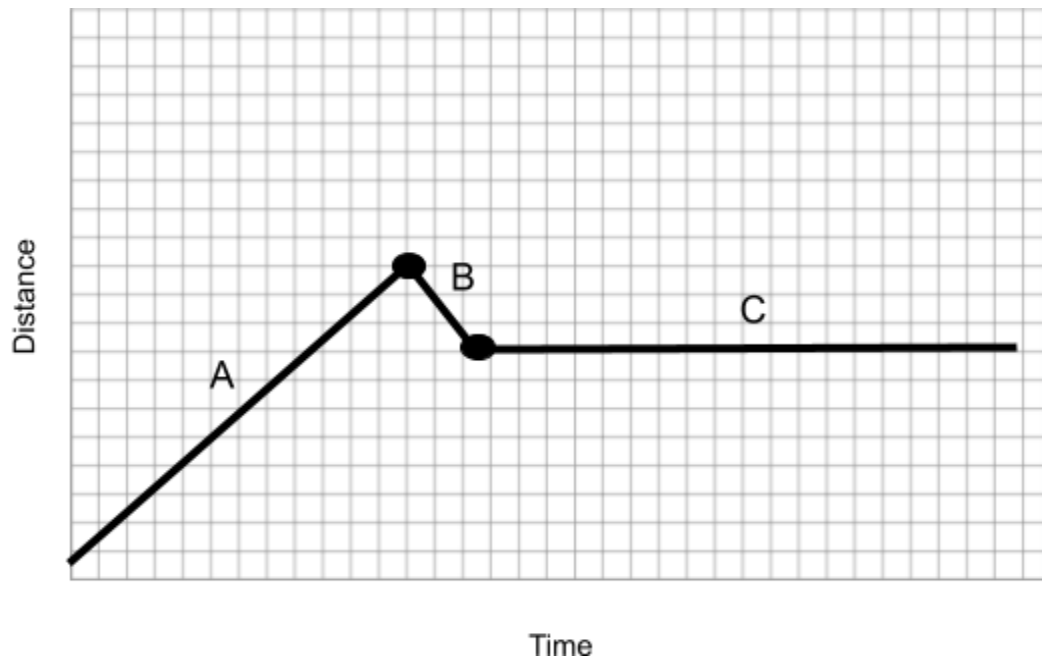
1. _____



2.



3.



4. _____

