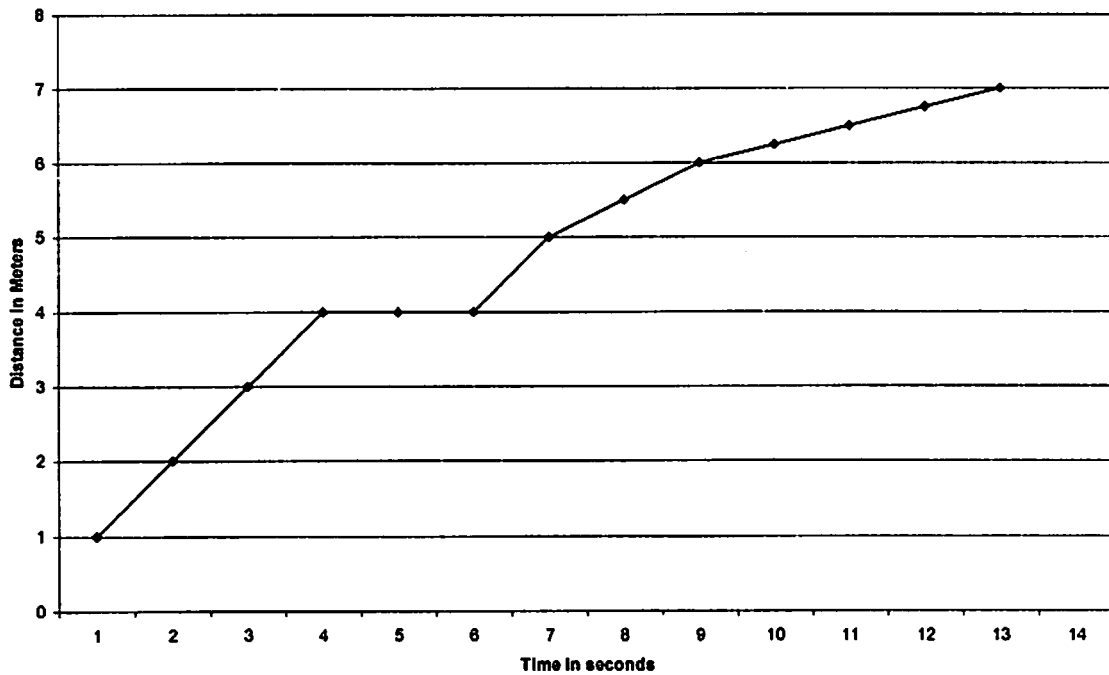


Answer the questions following the graphs on each side

Distance vs. Time



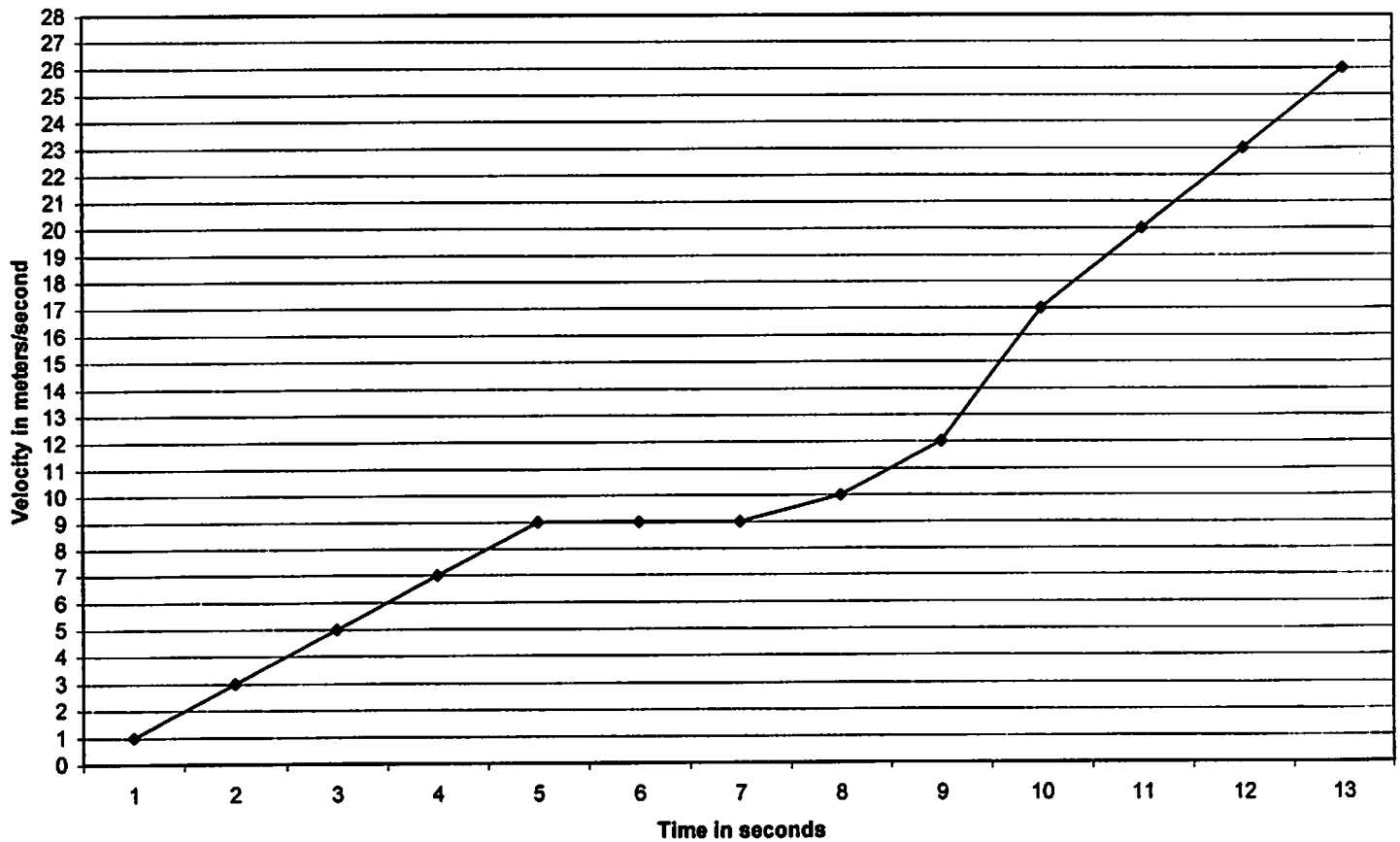
1. From 1 second to 2 seconds, how fast is the object traveling. (Take the difference in distance and divide it by the time in between the 2 distances)

2. Is the object going as fast between 9 and 12 seconds as it is between 1 and 4 seconds? How can you tell?

3. What is the motion of the object between 4 and 6 seconds? _____

4. Describe the motion of the object from start to finish mentioning all changes in velocity. _____

Velocity vs. Time



1. What is the acceleration of the object between 7 and 10 seconds? (Calculate the difference between 7 and 10 seconds and divide by the difference in time.)

2. Is the object still moving between 5 and 7 seconds? Explain your answer. _____

3. Between what times is the object accelerating the fastest? How do you know? _____

4. The object is always going faster (Positive acceleration). How would slowing down (negative acceleration) look on the graph? _____

5. Describe the motion of the object from start to finish mentioning all changes in velocity. _____
