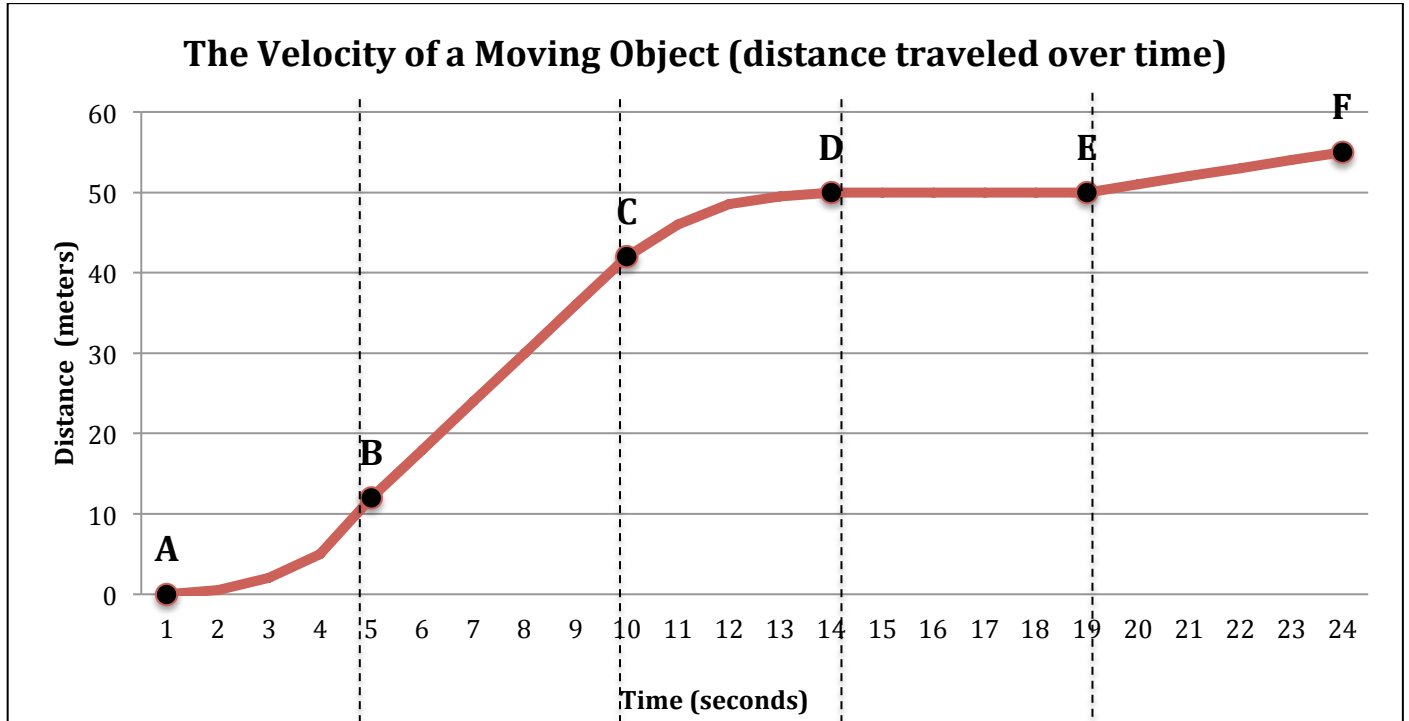


Motion Graph Analysis Worksheet



Analysis Questions: Answer the following questions

1. Write down the type of motion that is occurring for each section of the graph (ie. constant velocity, positive acceleration, negative acceleration, no motion, etc.)
2. Between which two letters is the rate of speed the fastest? Why?
3. The least amount of distance covered occurs between which two letters?
4. Identify the type of motion occurring between letters C and D? Give evidence to support your reasoning.
5. During the total journey, how many total seconds pass when the object not in motion?
6. Calculate the average speed between letters B and C.
7. How much distance did the object cover over the entire journey?
8. Calculate the average speed for the entire journey from point A to point F.
9. Write a short story (3-5 sentences) that describes a situation with the motion experienced in the graph.