

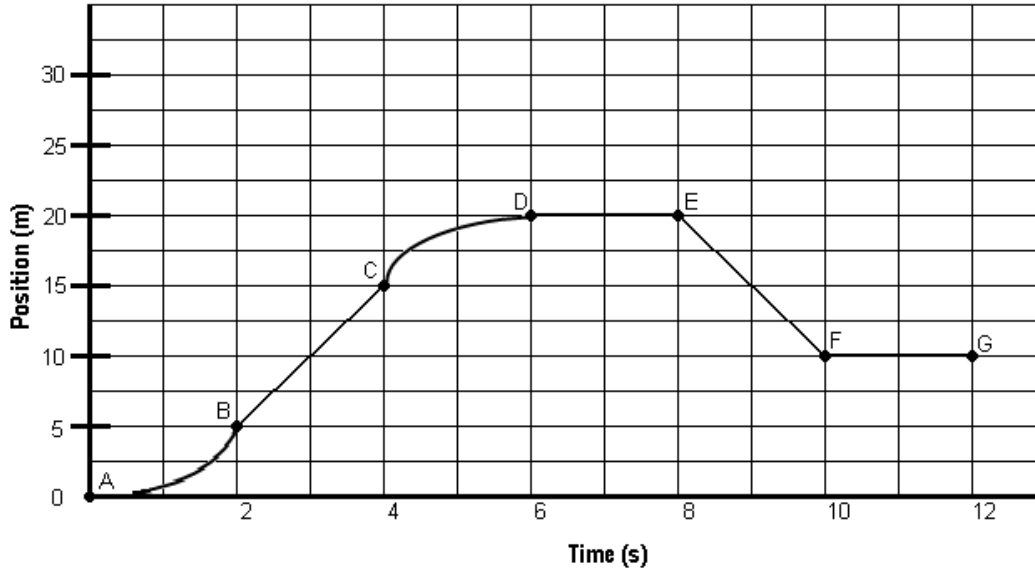
Name _____
Honors Physics
Period _____

Date _____
Kinematics WS #4H
Mrs. Nadworny

Motion Graph

Directions: For the two graphs provided, determine which type of motion is occurring. Answer the questions below the graph, being **as specific as possible**.

Position vs. Time



1. What is the physical significance of the slope of a position versus time graph? _____
2. What is the distance traveled between points B and C? _____
3. Calculate the velocity between points B and C.

4. What is the distance traveled between points D and E? _____
5. During which interval(s) was the object traveling at constant speed? _____
6. During which interval(s) was the object accelerating? _____
7. During which interval(s) was the object decelerating? _____
8. During which interval(s) was the object at rest? _____
9. What was the displacement for the entire trip? _____