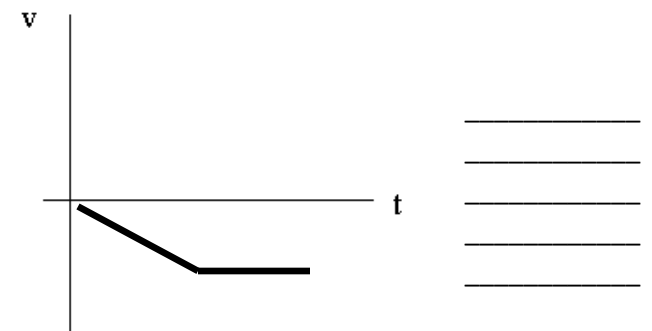
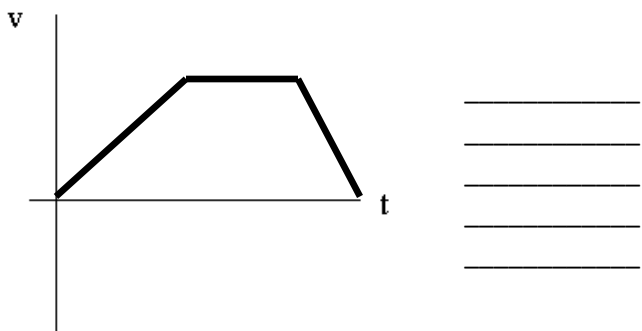
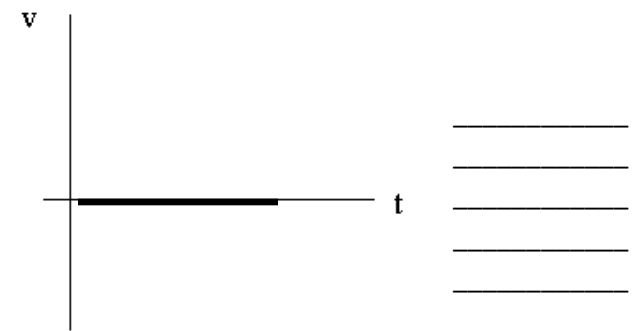
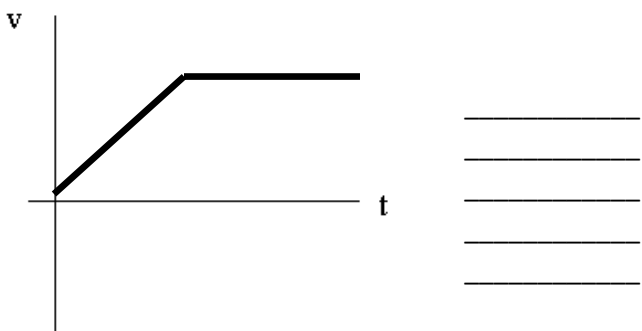
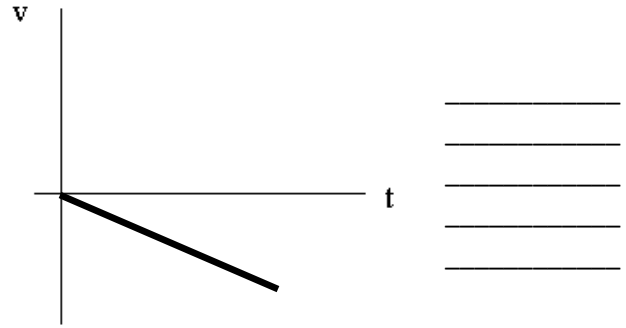
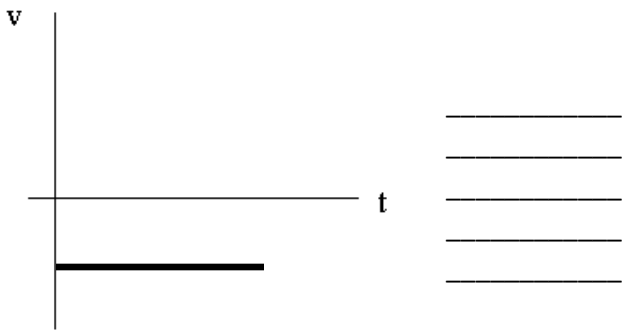
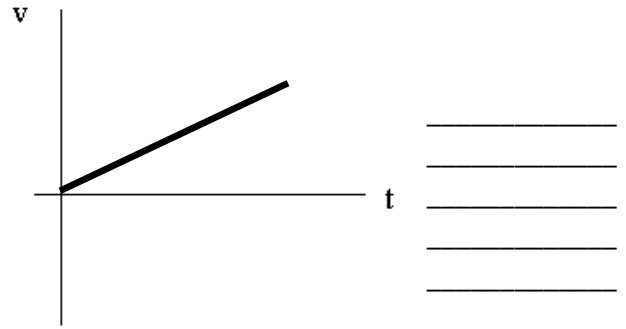
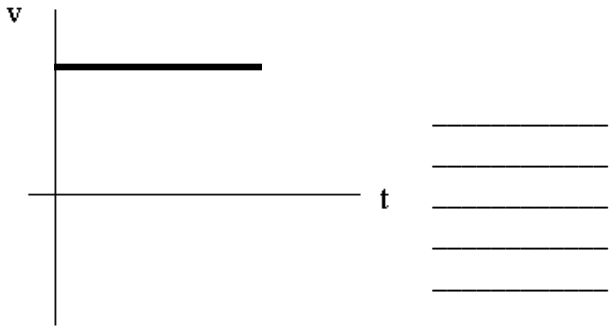


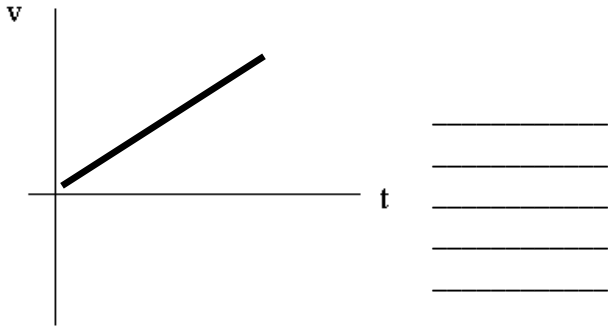
Velocity vs. time graphs
Honors physics

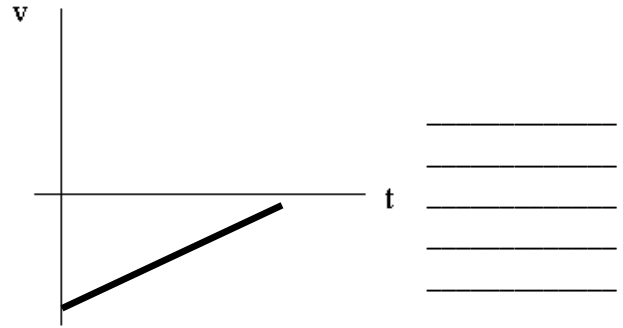
Name _____

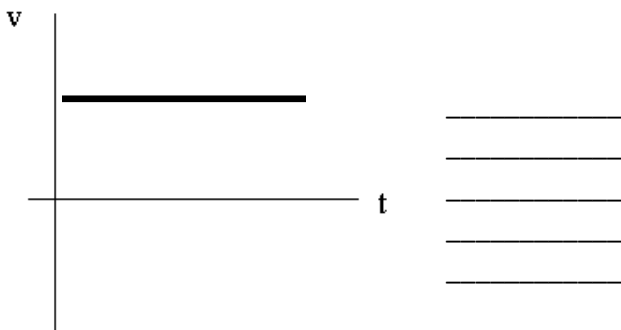
I. Describe how you would have to walk in order to reproduce the graphs below.

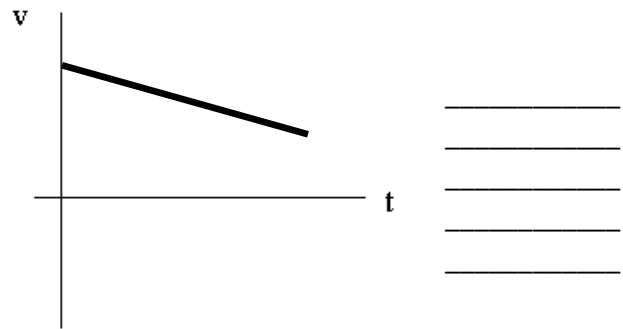


II. Describe **both** the velocity and the acceleration for each of the graphs below. Describe the velocity and acceleration in terms of positive, negative, or zero quantities. Indicate if the quantities are constant.

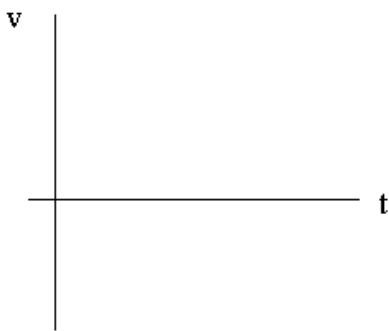




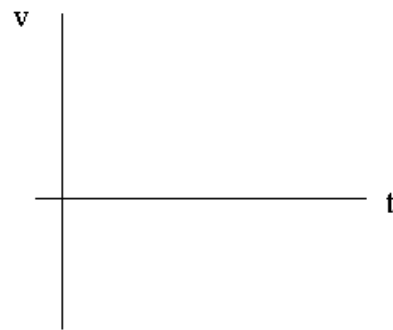




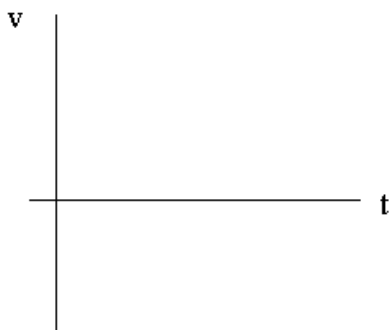
III. Given the descriptions, construct the corresponding velocity vs. time graphs.



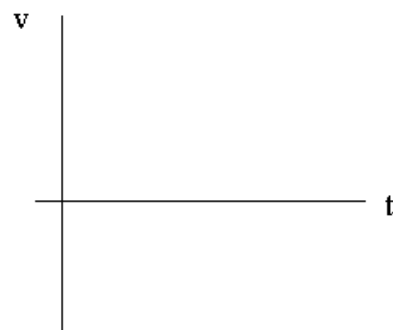
Object going
in the positive
direction,
speeding up



Object going
in the positive
direction,
slowing down

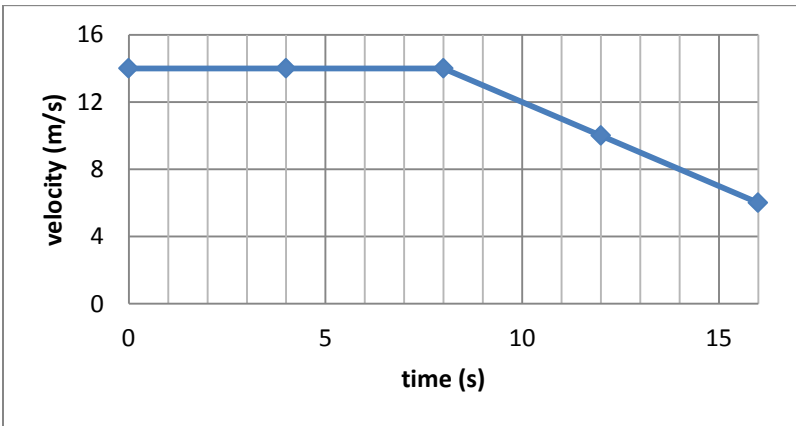
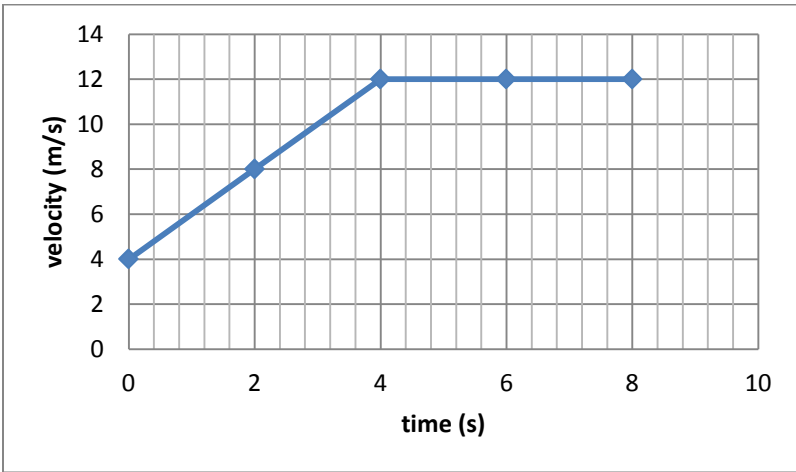


Object going
in negative
direction,
speeding up



Object going
in positive
direction at
constant
speed

IV. In the following graphs, calculate the acceleration of the object in each section.



V. In the following graphs, calculate the distance traveled by the object in each section.

