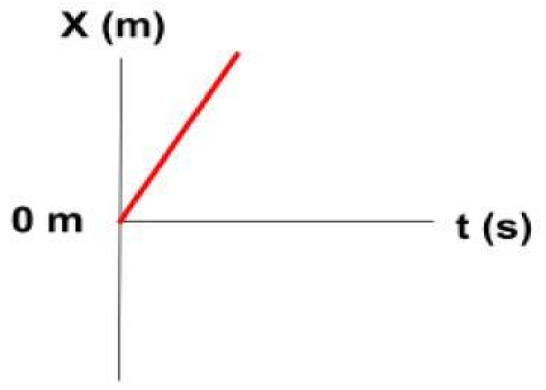
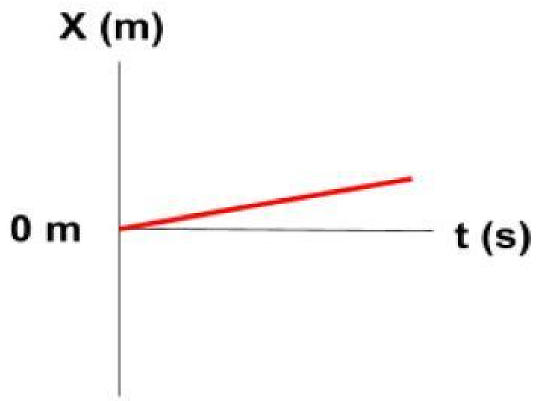
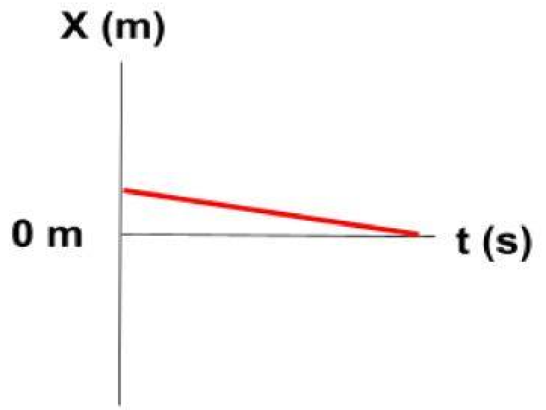
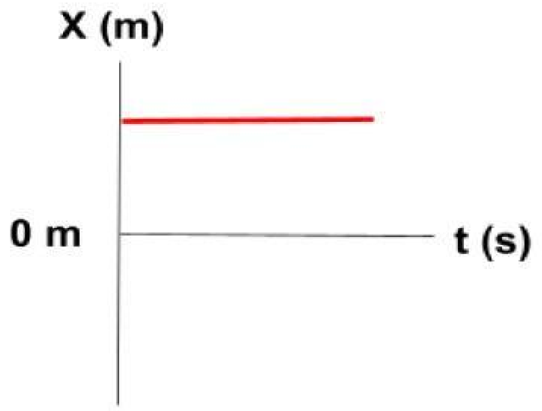
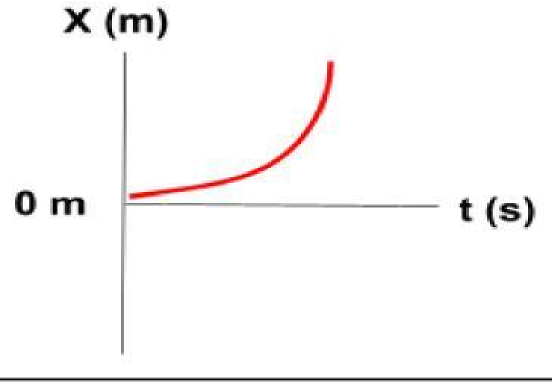
For each position vs. time graph shown, describe how an object would have to move to generate this graph. The positive direction is to the right.

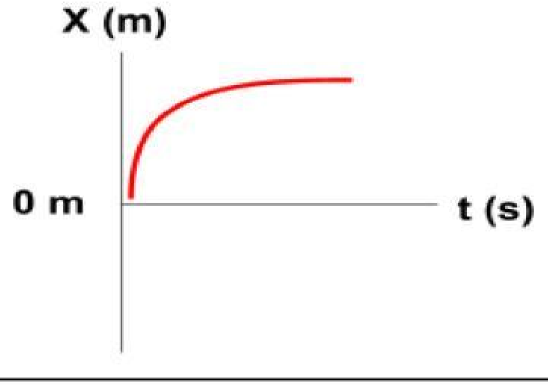




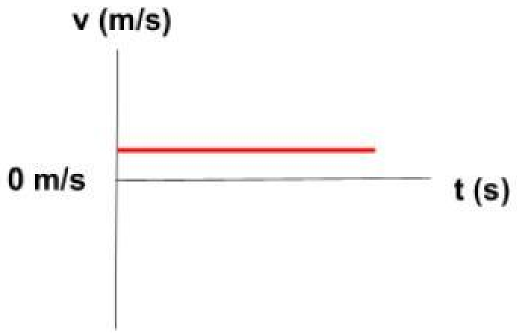


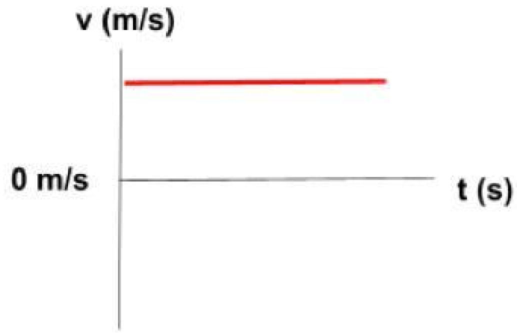


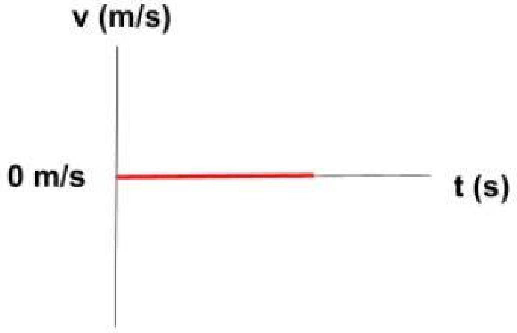


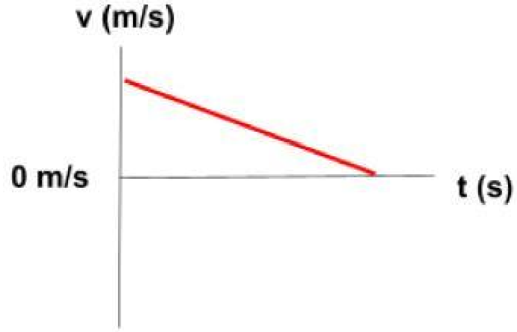


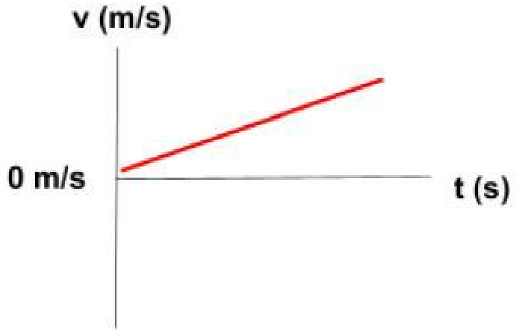
For each velocity vs. time graph shown, describe how an object would have to move to generate this graph. The positive direction is to the right and the t axis starts at 0 m/s.

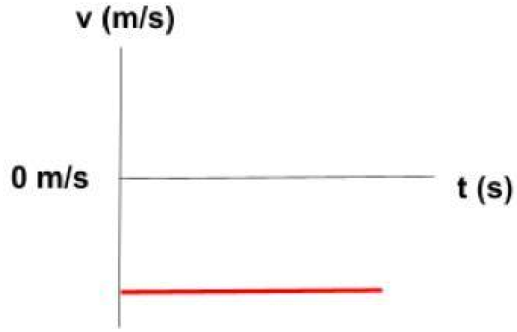






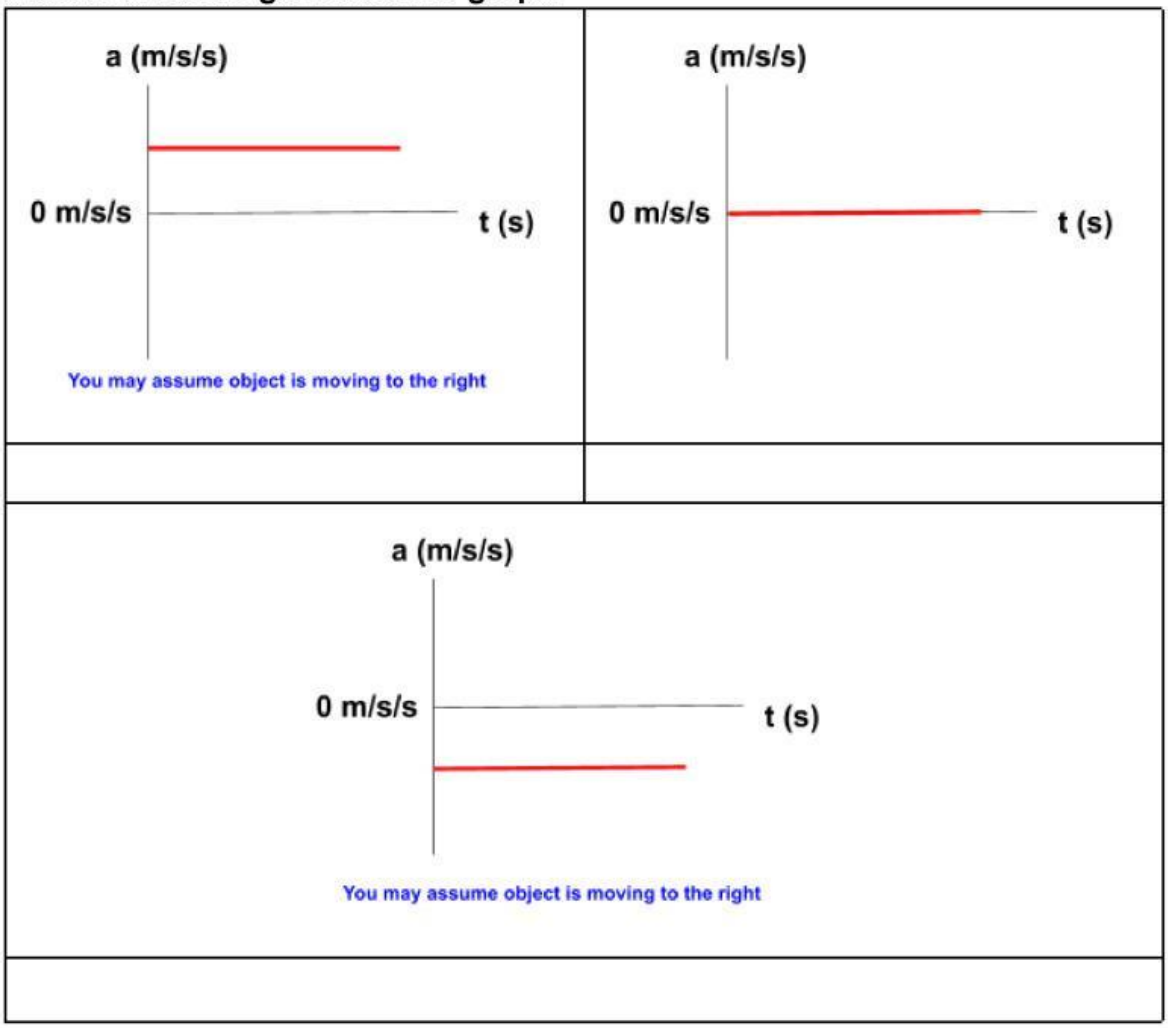






For each acceleration vs. time graph, you may assume that the object is either moving in the positive direction or is stationary.

For each acceleration vs. time graph shown, describe how an object would have to move to generate this graph.



What does the area under an acceleration vs. time graph show?

What does the area under a velocity vs. time graph show?

What does the slope of a position vs. time graph show?

What does the slope of a velocity vs. time graph show?