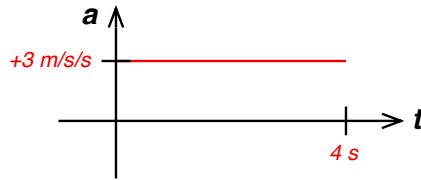


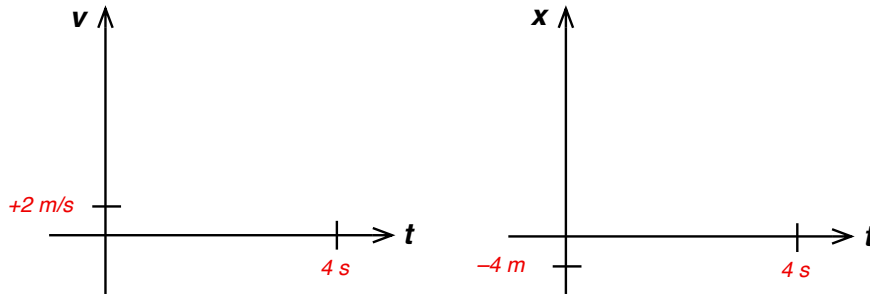
HW Set 7 Equations of Motion

Problem 1

Here is an acceleration graph.

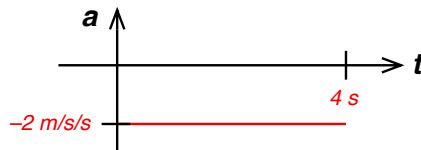


Given the initial velocity and the initial position, sketch the rest of these graphs. Label the end points.

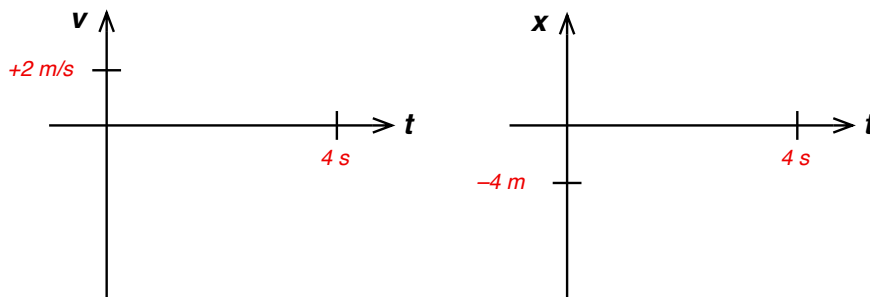


Problem 2

Here is an acceleration graph.

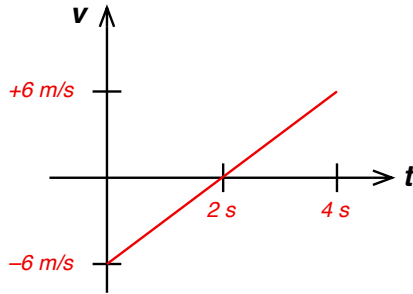


Given the initial velocity and the initial position, sketch the rest of these graphs. Label the end points.

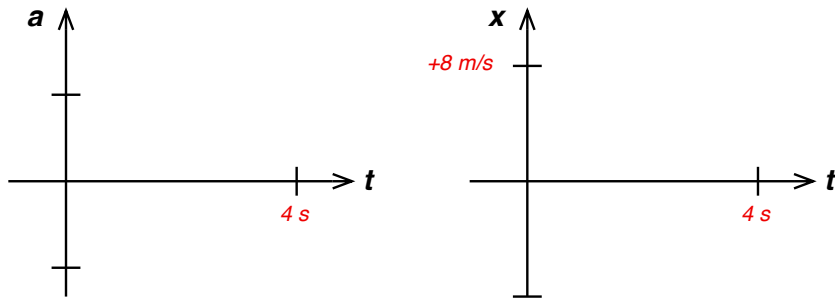


Problem 3

Here is a velocity graph.

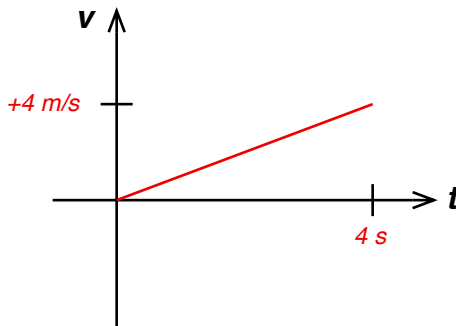


Given the initial position, sketch the rest of these graphs. Label the end points.

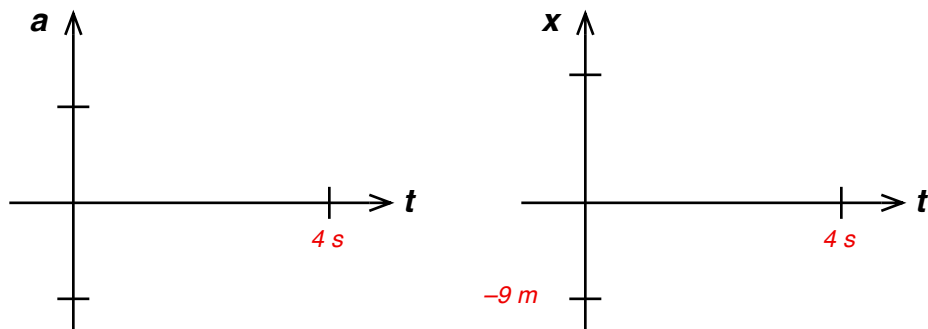


Problem 4

Here is a velocity graph.

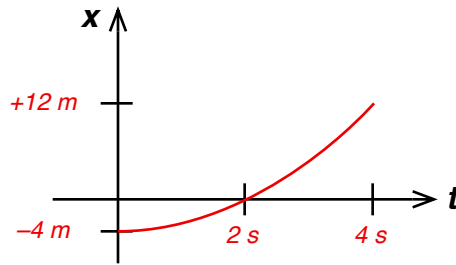


Given the initial position, sketch the rest of these graphs. Label the end points.

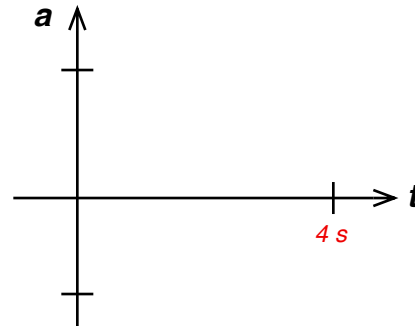
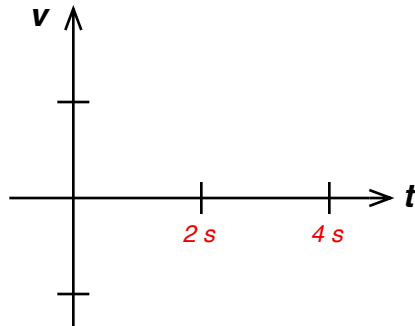


Problem 5

Here is a position graph. It is parabolic. It passes through the 2 second mark. The acceleration is constant. The curve starts out flat.

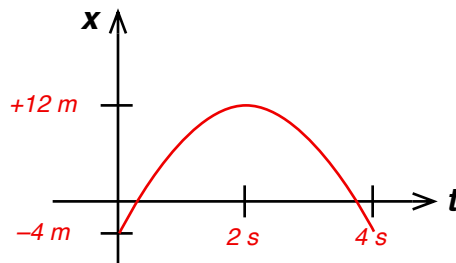


Sketch the rest of these graphs. Label the end points.



Problem 6

Here is a position graph. It is parabolic. It maxes out at the 2 second mark. The acceleration is constant.



Sketch the rest of these graphs. Label the end points.

