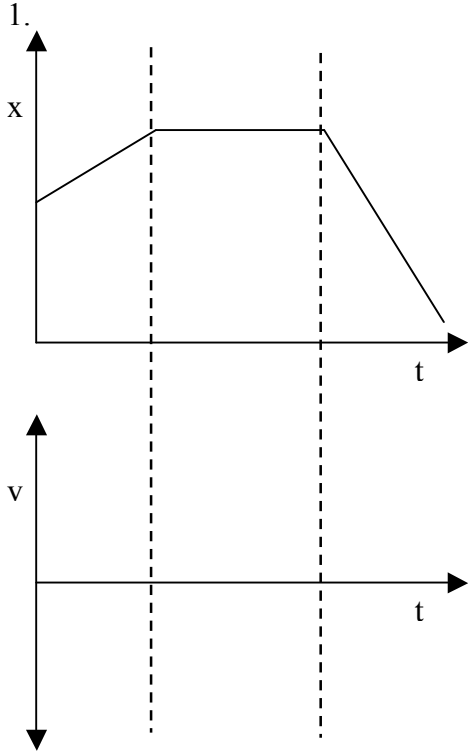


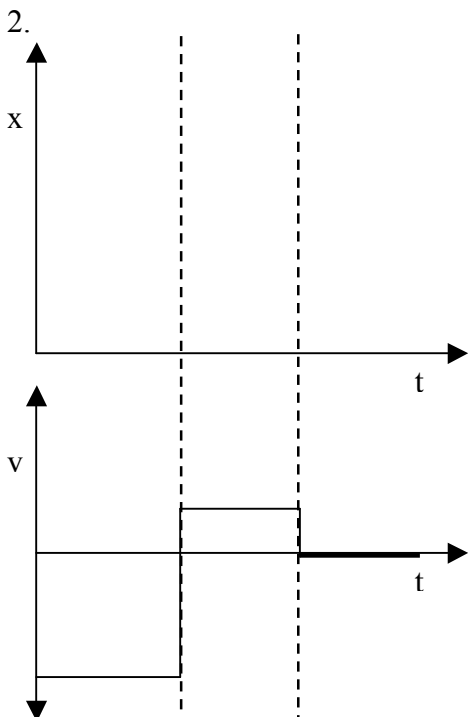
Constant Velocity Particle Model Worksheet 5: Multiple Representations of Motion

Given one motion representation, supply the missing motion representations.



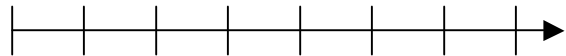
Written description:

Motion map:

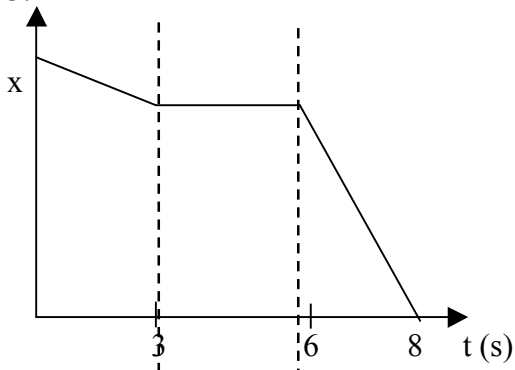


Written description:

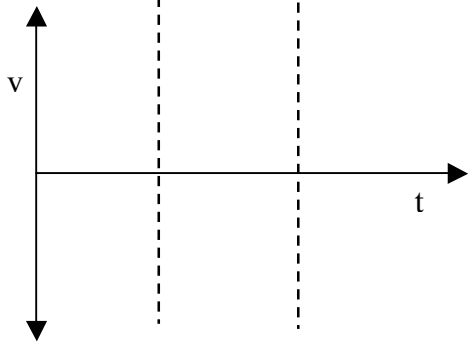
Motion map:



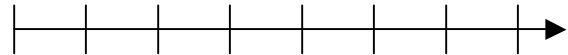
3.



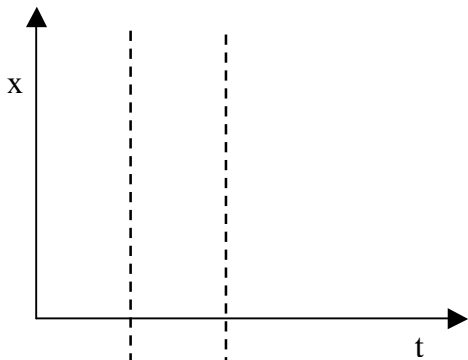
Written description:



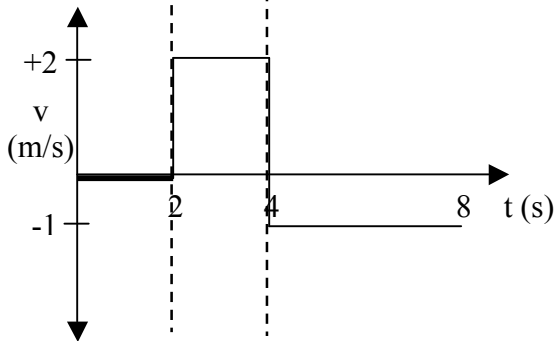
Motion map:



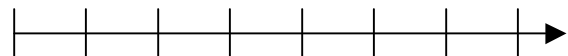
4.



Written description:



Motion map:



5.

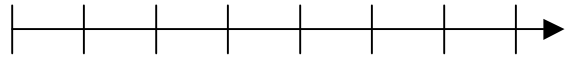


Written description:

Object moves with constant positive velocity for 4 seconds. Then, it stops for 2 seconds and returns to the initial position in 2 seconds.



Motion map:



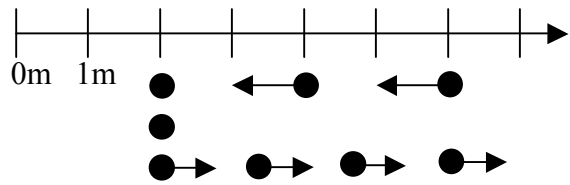
6.



Written description:



Motion map: $\Delta t = 1$ s





Written description:

Object A starts 10m to the right of the origin and moves to the left at 2 m/s.
 Object B starts at the origin and moves to the right at 3 m/s.



Motion map:



Written description:



Motion map: $\Delta t = 1s$

