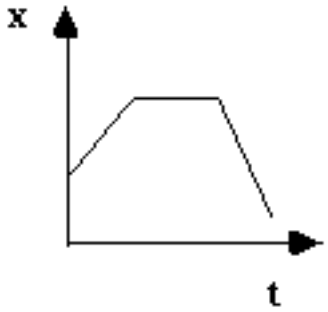
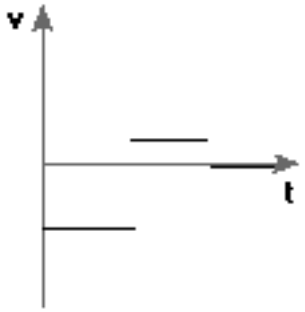
Constant Velocity Particle Model Worksheet 4:
Multiple Representations of Motion

Given one motion representation, supply the missing motion representations.

x vs. t Graph	v vs. t Graph	Written Description	Motion Map
1. 			
2.			

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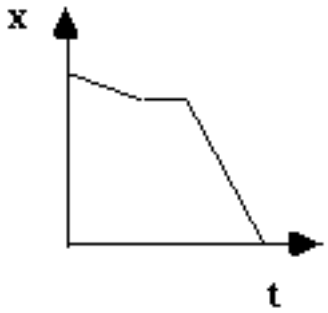
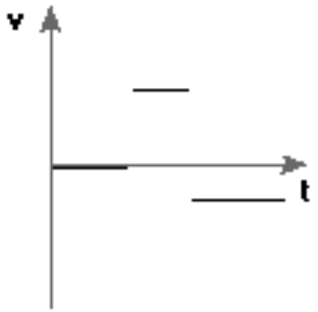
3. 			
4.			

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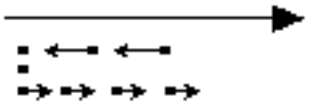
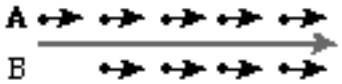
5.		Object moves with constant positive velocity for 4 seconds. Then, it stops for 2 seconds and returns to the initial position in 2 seconds.	
6.			

x vs. t Graph	v vs. t Graph	Written Description	Motion Map
7.		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 3m/s.	
8.