Position Vs. Time Graph	Velocity vs. Time Graph	Written Description of the motion of the object	Motion Map	
x t	Y		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
×	v t		· · · · · · · · · · · · · · · · · · ·	
x t				
× L	V SANJARANNA MARANASANA T			

X VI & &	V 4 6 6 6 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7	Object moves with a constant positive velocity for 4 seconds. It stops for 2 seconds and returns to its initial position in 2 seconds.	
"	v ===================================		- + + + + + + + + + + + + + + + + + + +
X B	B	Object A starts at the +10m position and moves toward the x=0 position at 2 m/s. Object B starts at the x=0 position and moves in the positive direction at 3m/s.	A
X / B	Y A,S		- + A • • • • • • • • • • • • • • • • • • •
* A	B E	Object A moves at +3m/s and object B moves at -3 m/s. Both objects start at the x = 0 position.	A

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