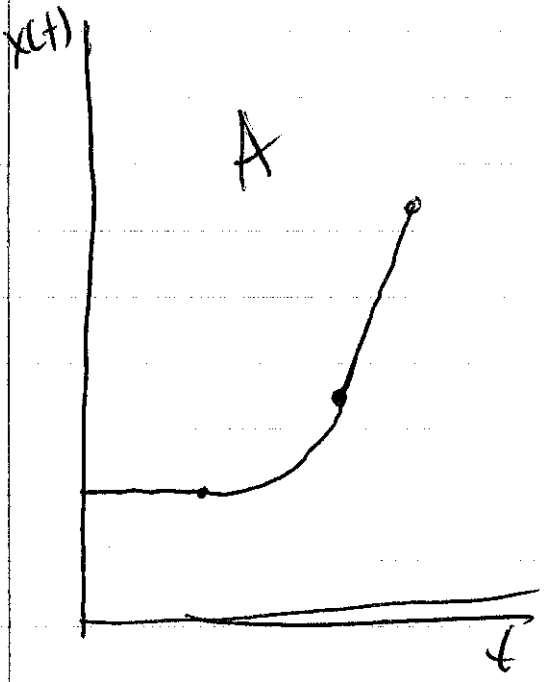
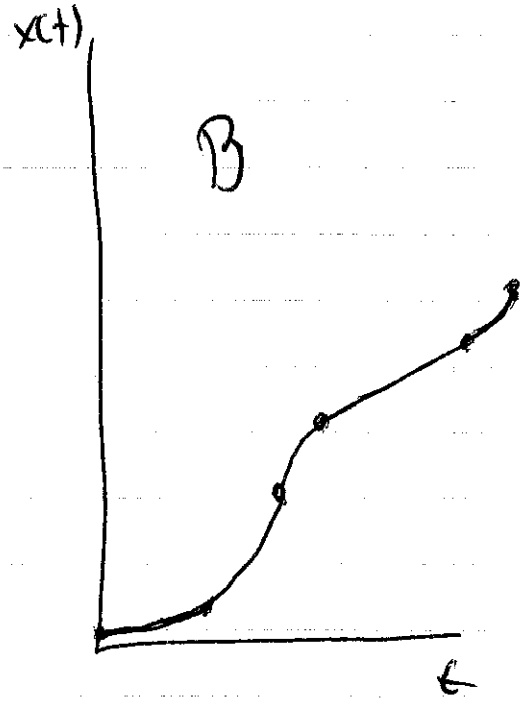
Quiz G:
For each of the following descriptions of motion,
Select one position-time graph, one velocity-time graph, one acceleration-time graph
And one motion map from the following pages:

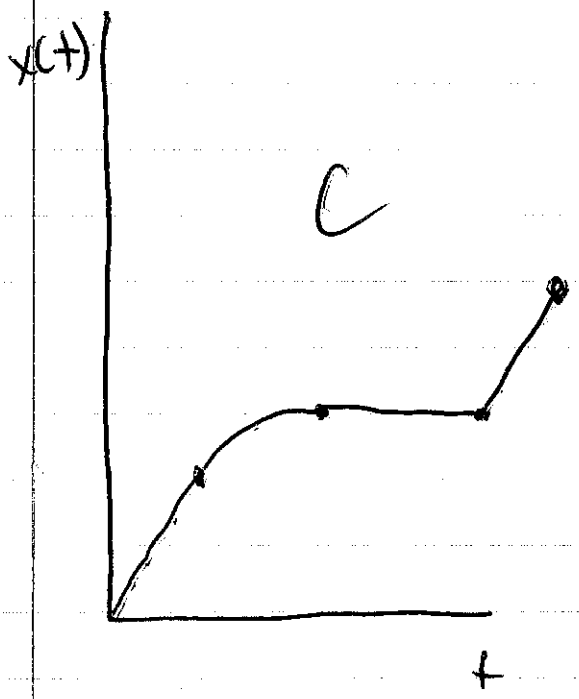
		Position-Time	Velocity-Time	Acceleration-Time	Motion-Map
1.	A car is driving at a constant speed. It strikes a wall but drives through it, only slightly slowing down. It then speeds back up to its initial speed.				
2.	A car is initially not moving. It begins slowly speeding up until it is moving at a constant speed, then continues at a constant speed for a short time.				
3.	A car accelerates from rest to a very fast speed. Then the driver sees a police car so he quickly slows down to a speed. He drives at a slow constant speed past the police officer, then speeds up back to his unsafe speed.				
4.	A car is moving at a constant speed. The car slows down and then stops, and waits.Then it is struck by a magic spell and abruptly begins moving extremely fast.				

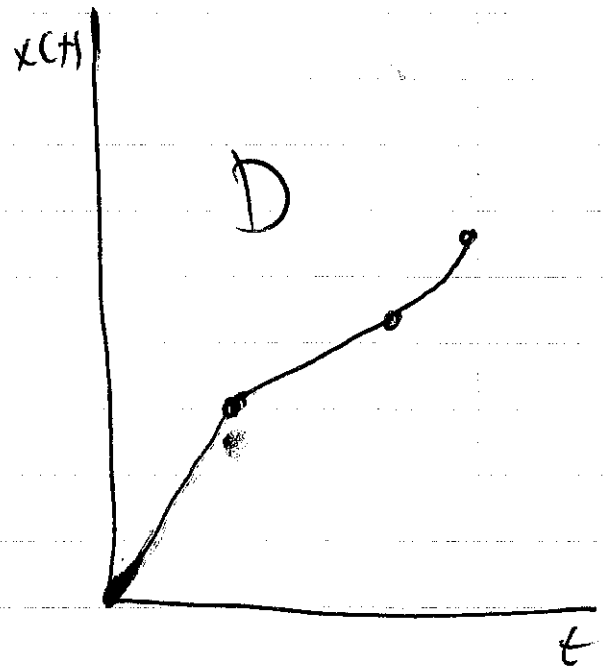
(C)

Position-Time Graphs









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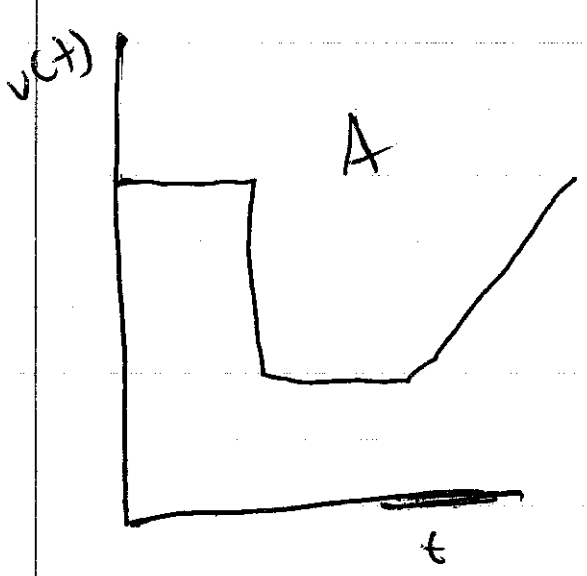
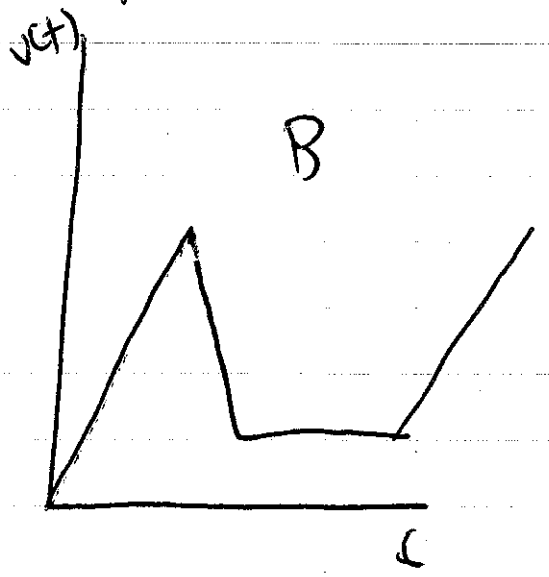
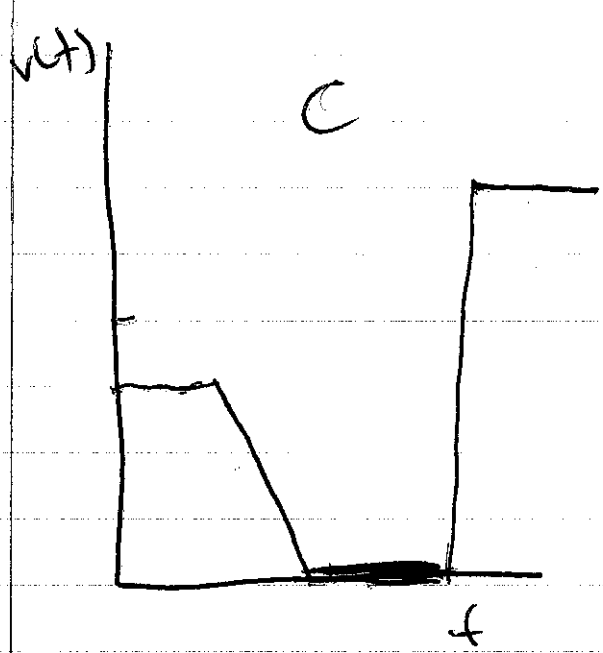
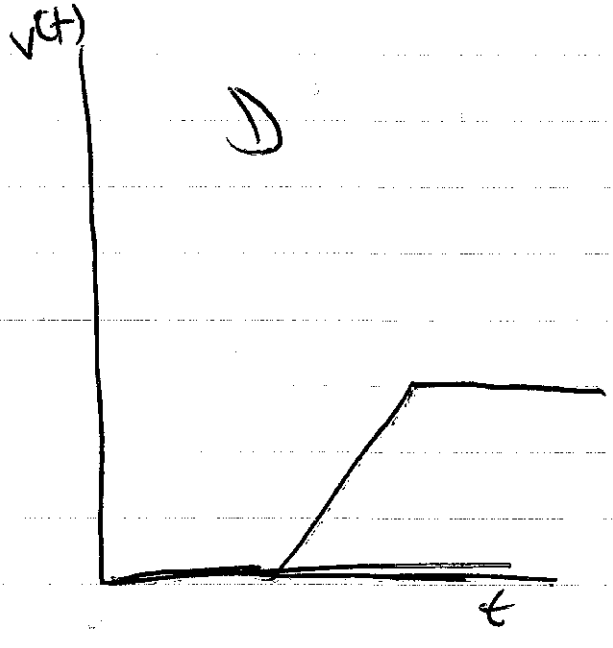
Velocity-time Graphs









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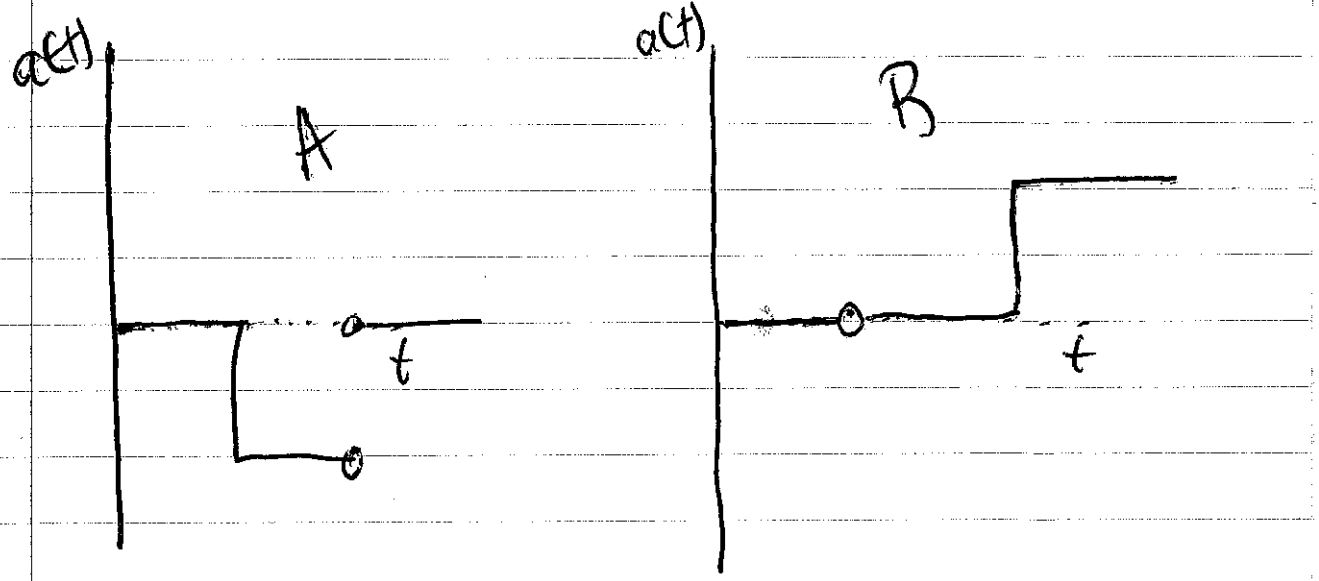
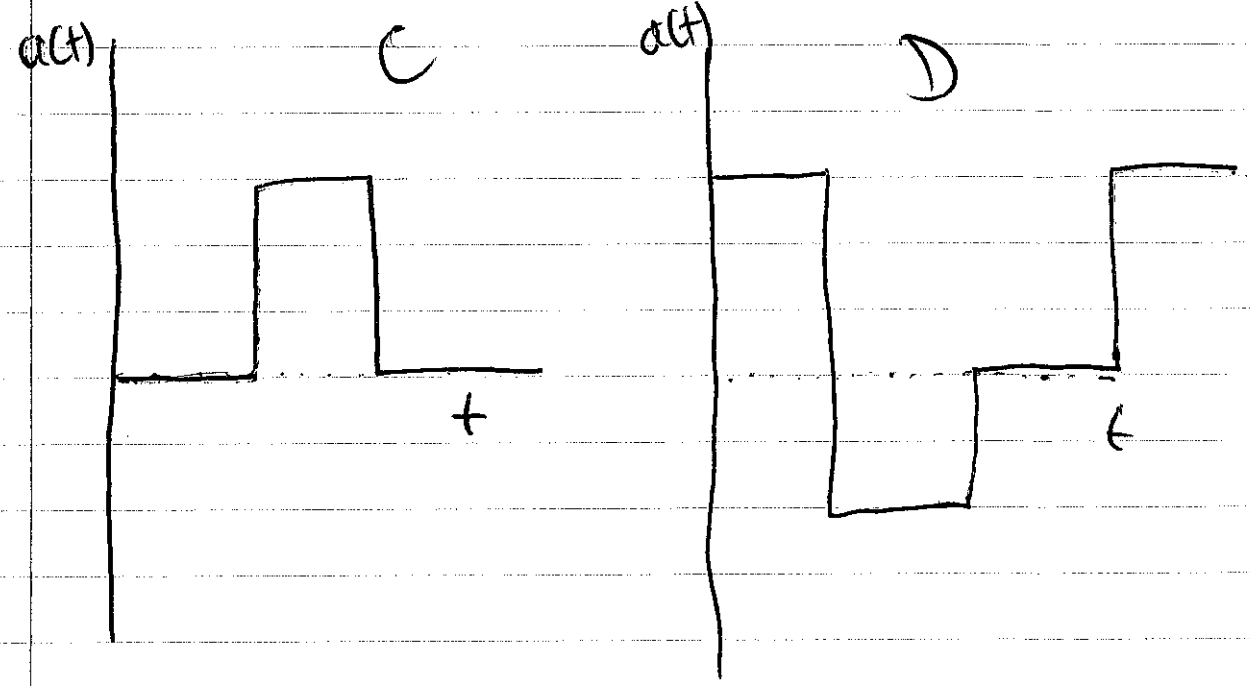
Acceleration - Time Graphs

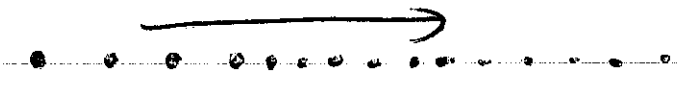




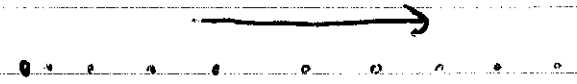
6

Motion Maps

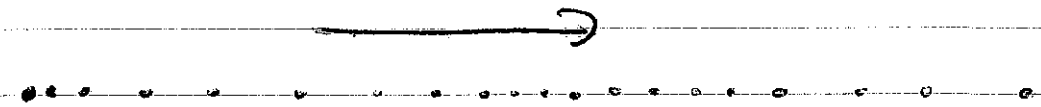
A



B



C



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