9	There are three checkpoints, A , B and C , in that order, on a straight horizontal road. A car trail along the road, in the direction from A to C , with constant acceleration. The car takes 20 s to train B to C . The speed of the car at B is $14 \mathrm{m s}^{-1}$ and the speed of the car at C is $18 \mathrm{m s}^{-1}$.	
	(a) Find the acceleration of the car.	[1]
	It is given that the distance between A and B is 330 m.	
	(b) Determine the speed of the car at A.	[2]