7. A car is moving along a straight horizontal road with constant acceleration. There are three points A, B and C, in that order, on the road, where AB = 22 m and BC = 104 m. The car takes 2 s to travel from A to B and 4 s to travel from B to C.

(i) the acceleration of the car.

Find

(ii) the speed of the car at the instant it passes A.