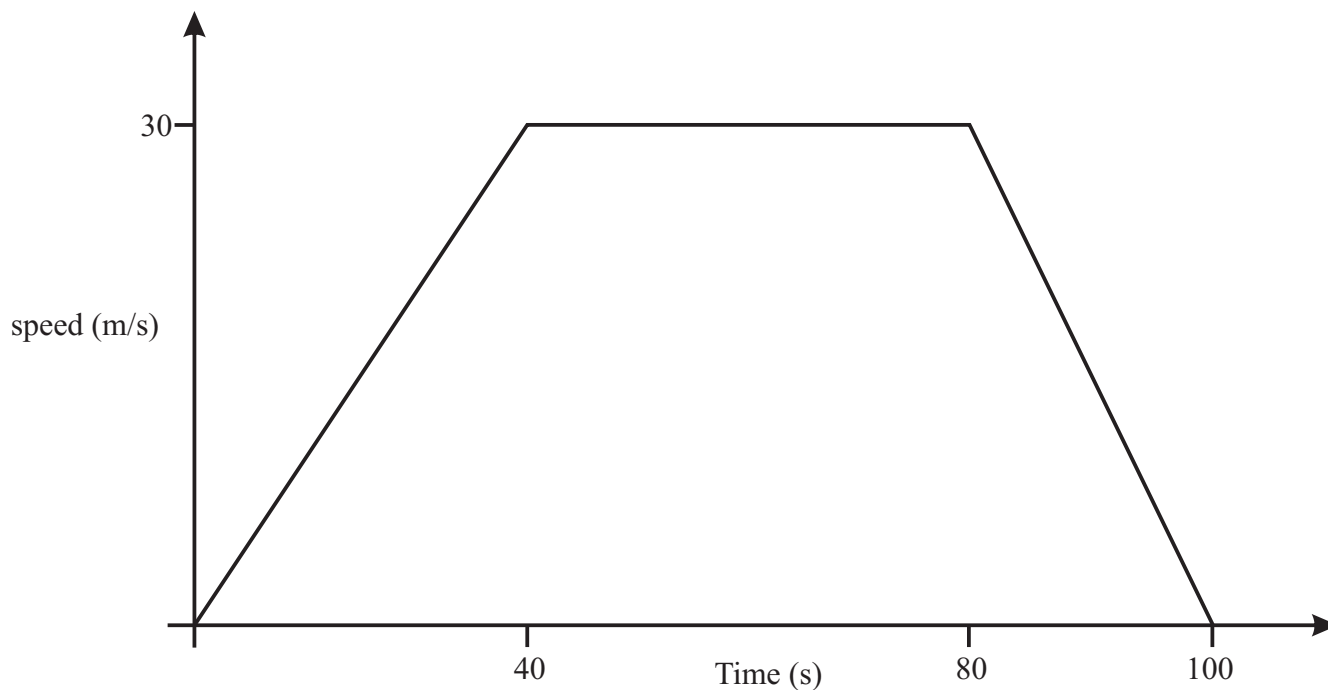


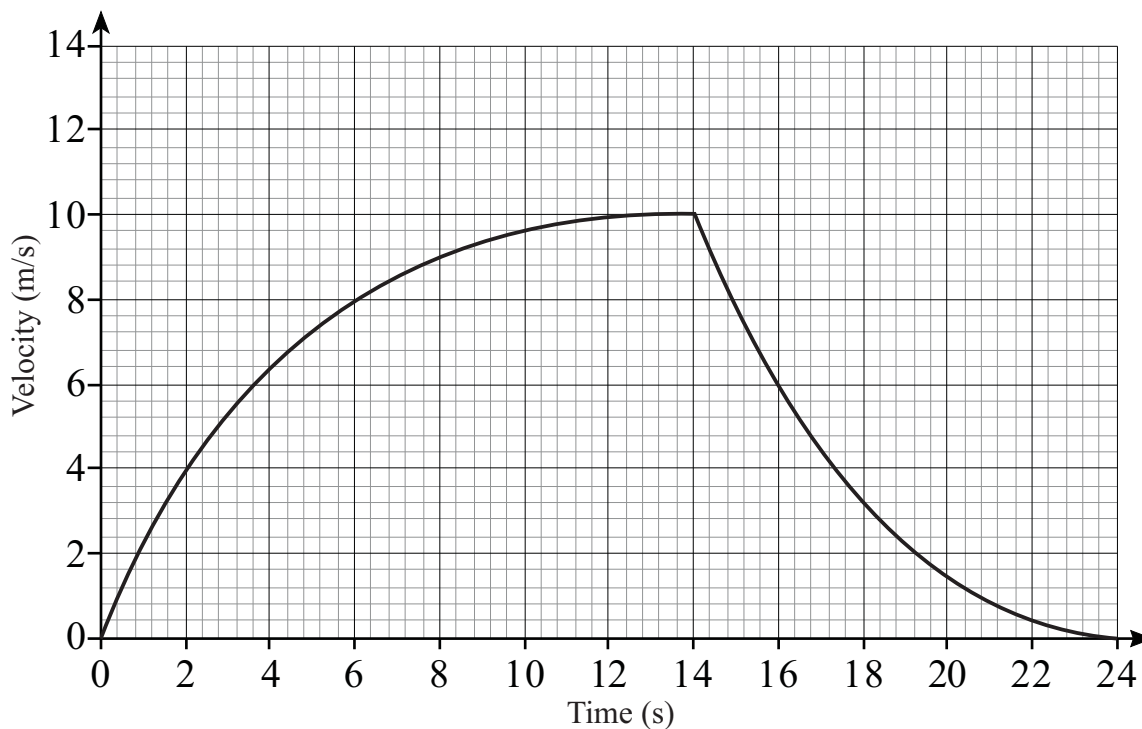
## Velocity-Time Graphs

- 1) The graph shows the speed of a coach between two bus stations.



- What was the acceleration of the coach in  $\text{m/s}^2$  for the first 40 seconds?
- What is the distance, in metres, between the two stations?

- 2) The velocity-time graph for a car is shown.



- Estimate the acceleration of the car at 6 seconds.
- Find an estimate for how far the car has travelled in the first 14 seconds.  
Show all your working.