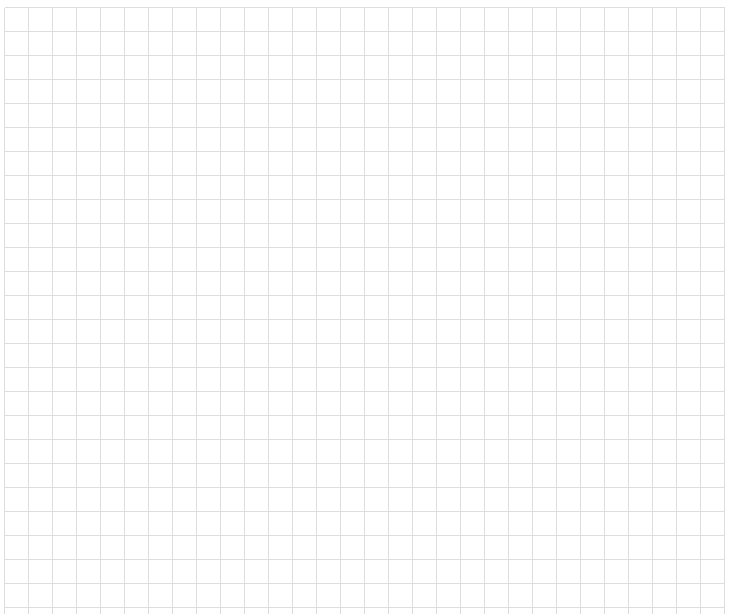
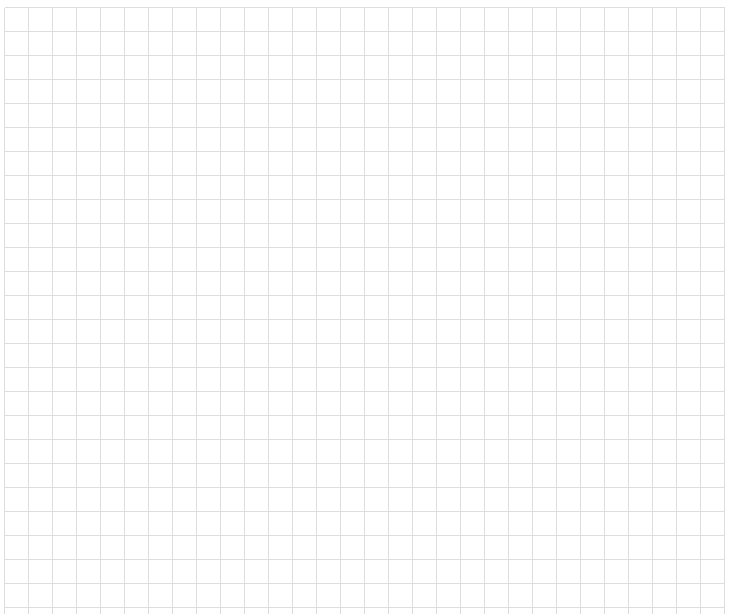
1. An object starts from rest and accelerates uniformly for 10 seconds up to a maximum speed of 20 ms-1. It maintains this speed for an additional 5 seconds and then comes to rest in another 15 seconds.
2. Sketch a velocity / time graph describing the motion ( 3 marks)



Velocity (ms-1)

Time (s)

Sketch an accurate position / time graph describing the motion (4 marks)



Position (m)

Time (s)

( c) Determine the total average speed for the journey 2 marks