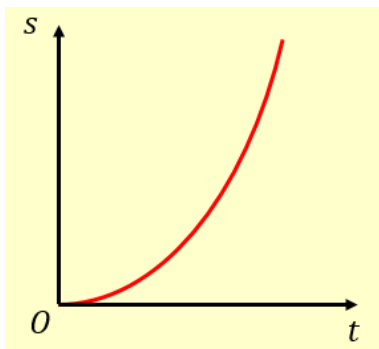
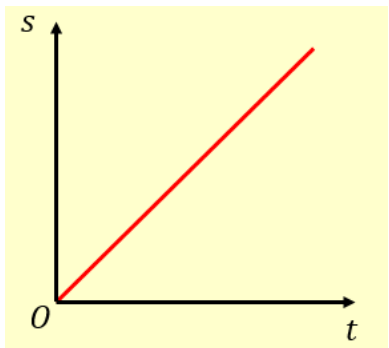
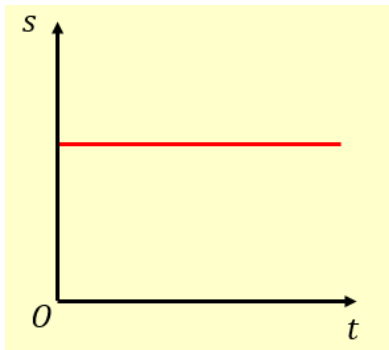
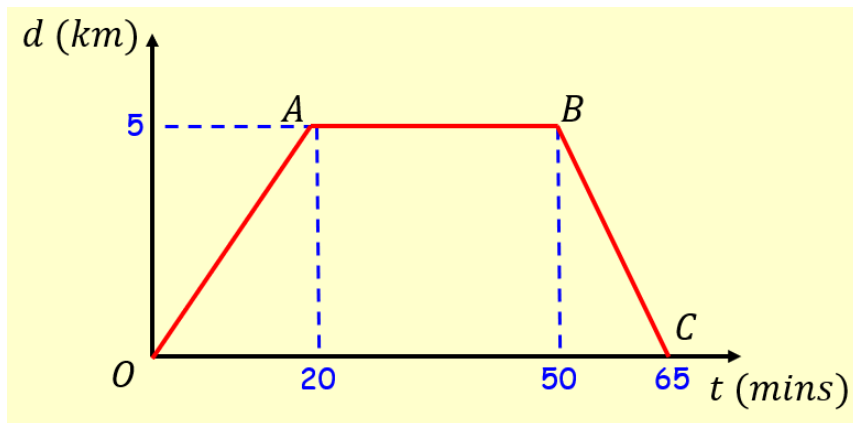


## 9A Time-Distance Graphs



1. A cyclist rides in a straight line for 20 minutes. She waits for half an hour, then returns in a straight line to her starting point in 15 minutes. Below is a displacement-time graph for her journey.



- a) Work out the average velocity for each stage of her journey, in  $\text{kmh}^{-1}$

- b) Write down the average velocity for the whole journey

- c) Work out the average speed for the whole journey