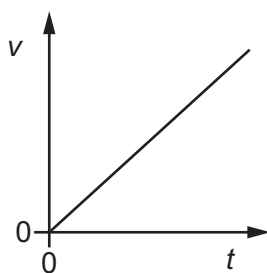
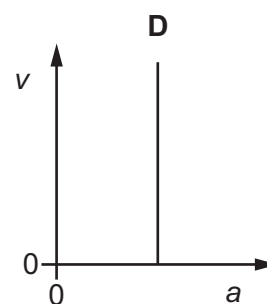
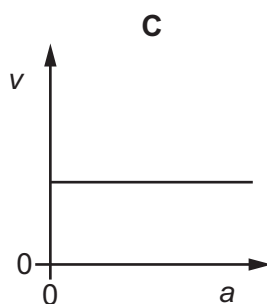
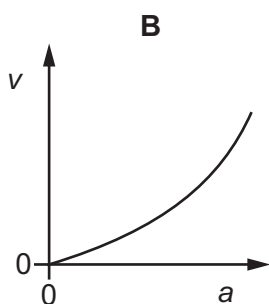
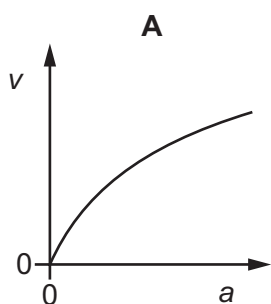


- 5 A particle accelerates from rest.

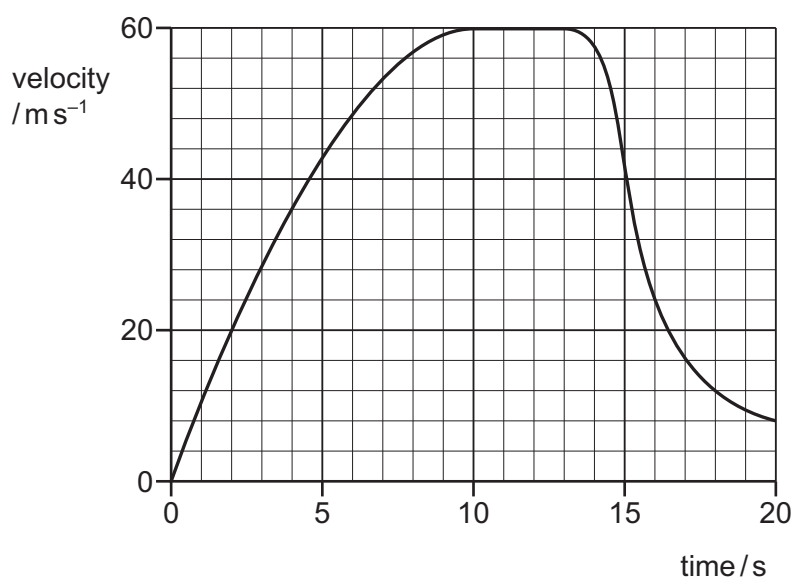
The graph shows the variation of the velocity v of the particle with time t .



Which graph shows the variation of the velocity v with the acceleration a of the particle?



- 6 The graph shows the vertical velocity of a parachutist during the first 20 s of her jump.



Approximately how far does she fall **before** opening the parachute?

- A** 390 m **B** 570 m **C** 710 m **D** 770 m