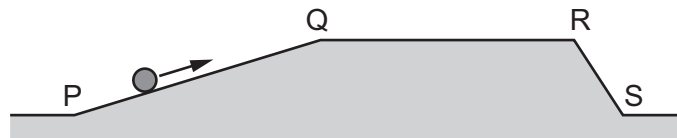
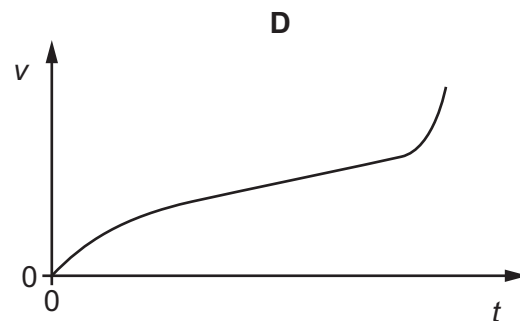
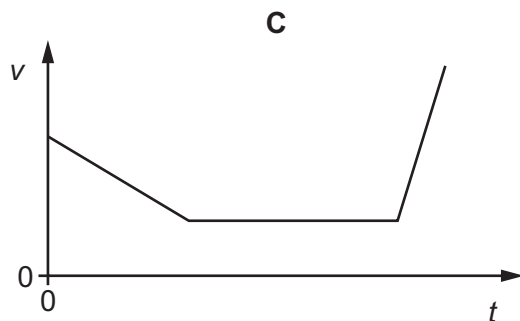
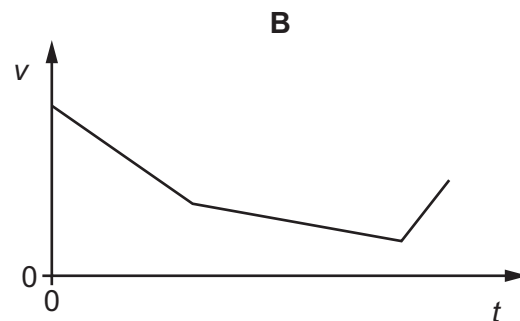
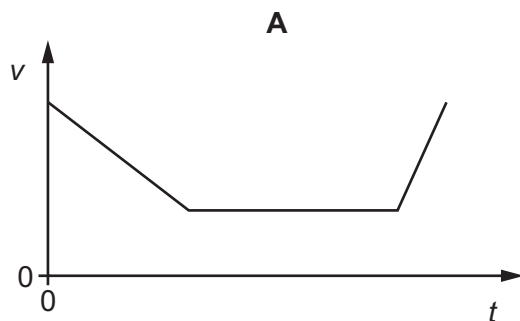


- 6 A ball is set in motion at P on a frictionless surface. It moves up slope PQ, along the horizontal surface QR and finally descends slope RS.



Which graph could represent the variation with time  $t$  of the ball's speed  $v$  as the ball moves from P to S?



- 7 A rubber ball is dropped onto a table and bounces back up. The table exerts a force  $F$  on the ball.