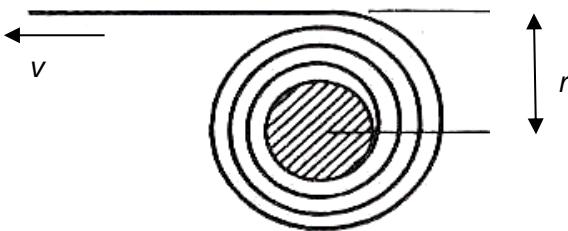
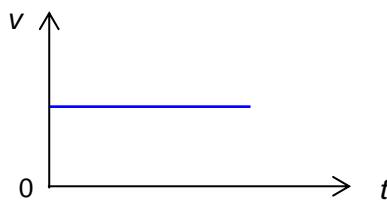


- 9 A tape unwinds with speed v from a roll rotating about a fixed axis with constant angular velocity. The radius of the roll r is decreasing at a steady rate.

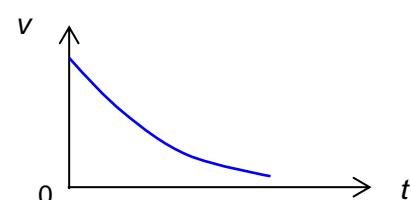


Which of the following graphs best represents the variation with time t of the speed v of the tape?

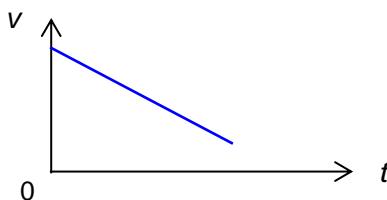
A



B



C



D

