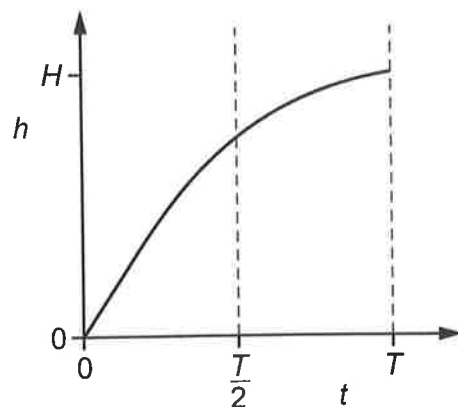
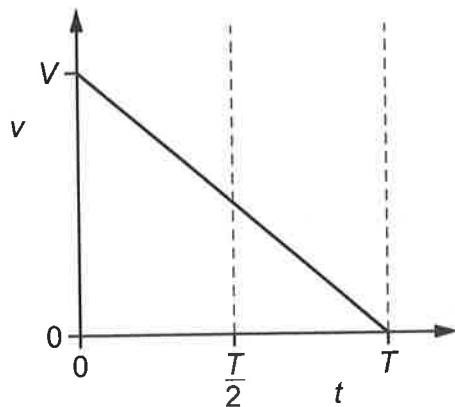


- 14 A ball is thrown vertically upwards with speed v from height zero at time $t = 0$. It reaches its maximum height H at time T .

The graphs show the variation of speed v and of height h of the ball with time t .



At time $\frac{T}{2}$, what is the value of the ratio $\frac{\text{potential energy of the ball}}{\text{kinetic energy of the ball}}$?

A 1

B 2

C 3

D 4

