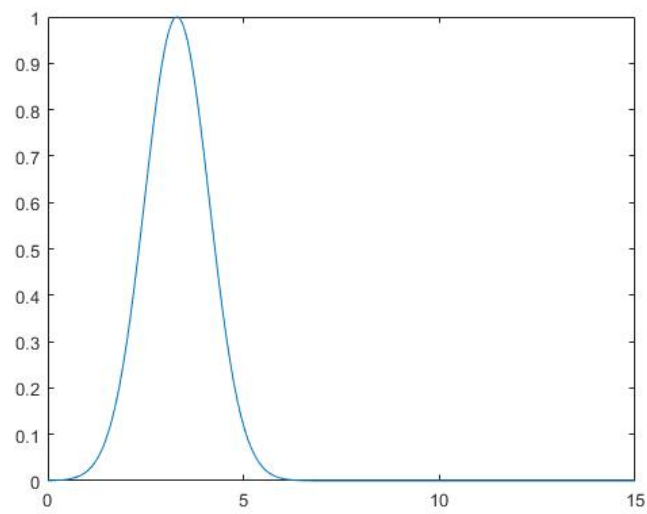


(a)



(b) From the graph we know the speed at $t = 0.5, \delta t = 0.1$ is $v = 3.5$, speed at $t = 0.5, \delta t = 0.1$ is $v = 10$.
When $\delta t = 0.05$, $v(t = 0.5) = 3.4$, $v(t = 1.5) = 9.4$.

