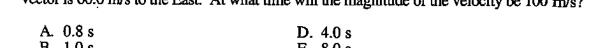
11. A particle experiences a constant acceleration which is north at 100 m/s^2 . At t = 0, its velocity vector is 60.0 m/s to the East. At what time will the magnitude of the velocity be 100 m/s?



B. 1.0 s E. 8.0 s

C. 2.0 sF. Not close to any of the above

Ans.