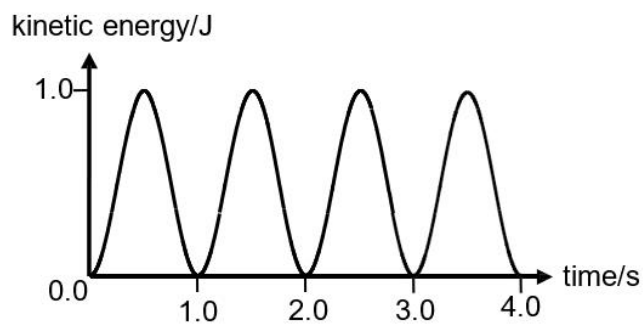


- 15** The variation with time of the kinetic energy of a particle undergoing simple harmonic motion with amplitude of 3.0 cm is shown in the figure below.



What is the maximum velocity of the particle?

- A** 0.59 m s^{-1} **B** 0.30 m s^{-1} **C** 0.19 m s^{-1} **D** 0.094 m s^{-1}