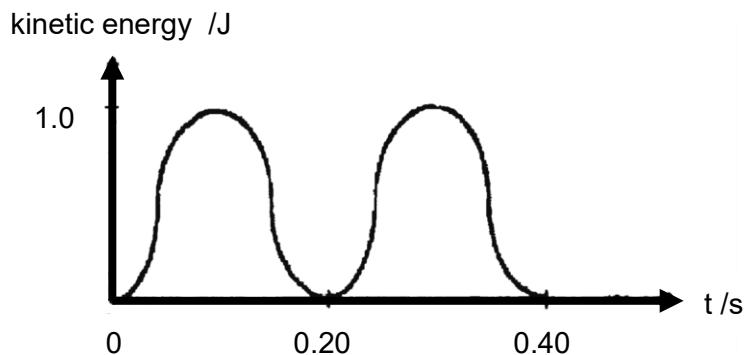


- 14** The graph shows the variation of the kinetic energy with time of a particle undergoing simple harmonic motion with an amplitude of 0.30 cm.



What is the maximum acceleration of the particle in m s^{-2} ?

- A** 0.094
- B** 0.74
- C** 1.8
- D** 3.0