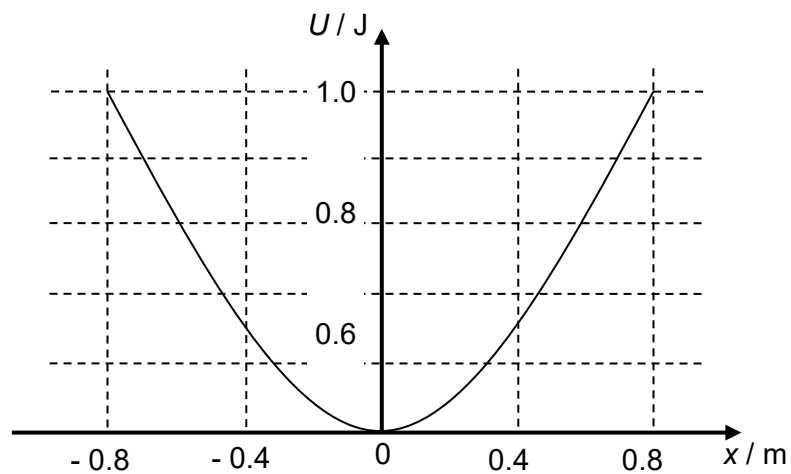


- 10** A particle of mass 5.0 kg moves with simple harmonic motion and the variation with position x of its potential energy U is shown below.



What is the period of oscillation of the mass?

- A** 7.9 s **B** 8.8 s **C** 11 s **D** 20 s