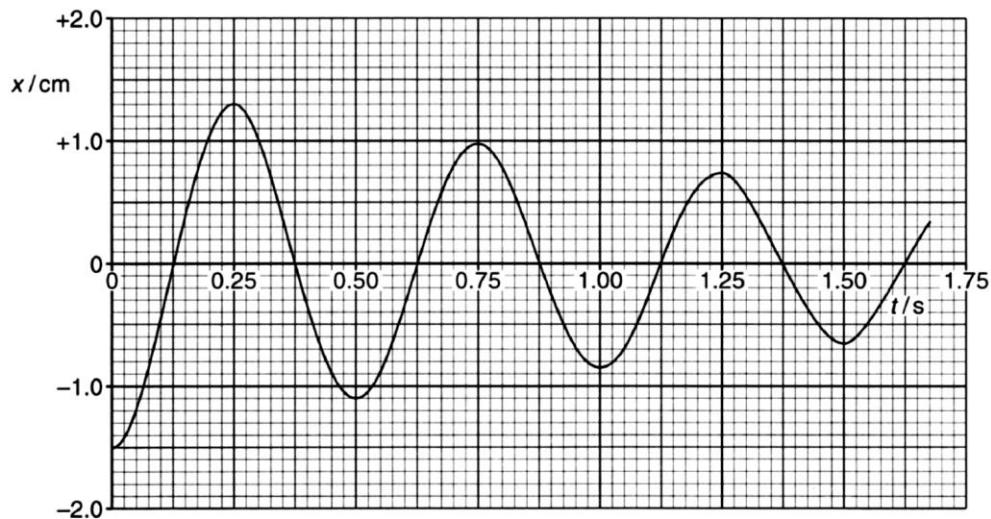


- 15** An object of mass 500 g floats on water and oscillates vertically. Its vertical displacement x varies with time t as shown.



What is the decrease in energy of the oscillations during the first 1.50 s?

- A** 2.9×10^{-3} J
- B** 4.6×10^{-3} J
- C** 7.2×10^{-3} J
- D** 8.3×10^{-3} J

[Turn over