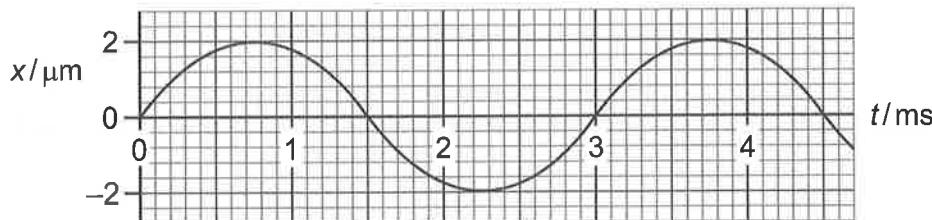


- 13 The graph shows the variation with time t of the displacement x of an air molecule at a point in a sound wave.

The molar mass of air is 2.9×10^{-2} kg.



What is the maximum kinetic energy of the air molecule?

- A 1.1×10^{-32} J B 4.2×10^{-31} J C 8.5×10^{-31} J D 2.1×10^{-28} J

