

- 12** One mole of monoatomic neon gas has a mass of 20.2 g.
What is the root mean square (r.m.s.) speed of a neon atom at 30 °C?

A 19 m s⁻¹ **B** 190 m s⁻¹ **C** 610 m s⁻¹ **D** 370 000 m s⁻¹