

- 1 The relation between the energy E of a photon and its wavelength λ is

$$E = \frac{K}{\lambda}$$

where K is a constant.

When E is measured in electronvolts and λ in nanometres, what is the numerical value of K ?

- A** 3.18×10^{-53}
- B** 3.18×10^{-35}
- C** 1.24×10^{-1}
- D** 1.24×10^3