

28 What is the de Broglie wavelength of an electron having a kinetic energy of 54 eV?

A $3.7 \times 10^{-27} \text{ m}$

B $6.7 \times 10^{-20} \text{ m}$

C $1.7 \times 10^{-10} \text{ m}$

D $2.3 \times 10^{-8} \text{ m}$