28 An electron moves with a constant velocity of 1.5×10^6 m s^{-1}. If its momentum is measured to a precision of 0.2%, what is the uncertainty associated with its position?

A 1.3×10^{-12} m

B 1.3×10^{-10} m

C 2.4×10^{-9} m

D 2.4×10^{-7} m

[Turn over