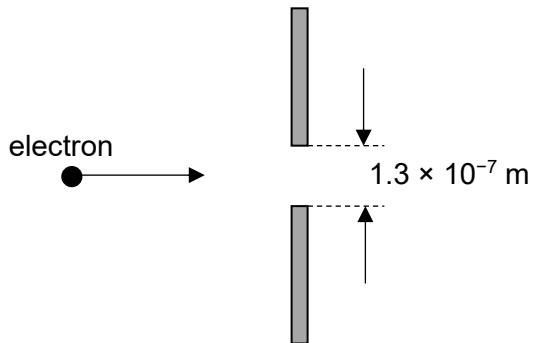


- 28 An electron, with an initial energy of 1.28 eV, passes through a small slit of slit width 1.3×10^{-7} m.



What is the direction and minimum uncertainty of the momentum of the electron as it passes through the slit?

	minimum uncertainty	direction
A	5.1×10^{-27} N s	vertical
B	5.1×10^{-27} N s	horizontal
C	6.1×10^{-25} N s	vertical
D	6.1×10^{-25} N s	horizontal