27 In an X-ray tube, electrons, each with a charge q, are accelerated through a potential difference V and are then made to strike a metal target. If h is the Planck constant and c is the speed of light, what is the expression for the minimum wavelength of the emitted radiation?

A $\dfrac{hq}{cV}$ **B** $\dfrac{qV}{hc}$ **C** $\dfrac{qV}{h}$ **D** $\dfrac{hc}{qV}$