28 An electron and a proton are accelerated across a potential difference of 15.0 kV.

What is the ratio $\dfrac{\text{de Broglie wavelength of the proton}}{\text{de Broglie wavelength of the electron}}$?

A 5.45×10^{-4} **B** 2.34×10^{-2}

C 42.8   **D** 1.83×10^{3}