29 An electron in an atom makes a transition from an energy level of energy E_1 to a level of energy E_2, emitting a photon of wavelength λ.

Which expression gives this wavelength in terms of the Planck constant h and the speed of light c?

A $\dfrac{E_1}{hc} - \dfrac{E_2}{hc}$ **B** $\dfrac{hc}{E_1} - \dfrac{hc}{E_2}$ **C** $\dfrac{hc}{E_2} - \dfrac{hc}{E_1}$ **D** $\dfrac{hc}{E_1 - E_2}$