28 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 $\frac{E_1}{hc} - \frac{E_2}{hc}$ **B** $\frac{hc}{E_1} - \frac{hc}{E_2}$ **C** $\frac{hc}{E_2} - \frac{hc}{E_1}$ **D** $\frac{hc}{E_1 - E_2}$