

- 27** When a beam of light of wavelength λ is incident normally on a plane mirror, it is reflected totally. The intensity of the light corresponds to a rate of n photons per second.

Which of the following expressions gives the force exerted on the mirror by the beam of light?

A $nh\lambda$

B $\frac{nh}{\lambda}$

C $2nh\lambda$

D $\frac{2nh}{\lambda}$