

28 A photon of light has wavelength λ , momentum p and speed c .

The Planck constant is h .

Which expressions for the momentum and the energy of the photon are correct?

	momentum	energy
A	$h\lambda$	$\frac{1}{2}pc$
B	$h\lambda$	pc
C	$\frac{h}{\lambda}$	$\frac{1}{2}pc$
D	$\frac{h}{\lambda}$	pc

29 Which of the next relations to Heisenberg's uncertainty principle is correct?