

- 2** Which formula could be correct for the speed v of ocean waves in terms of density ρ of sea-water, the acceleration of free fall g , the height h of the wave and the wavelength λ ?

A $v = \sqrt{\rho gh}$

B $v = \sqrt{\frac{g}{h}}$

C $v = \sqrt{g\lambda}$

D $v = \sqrt{\frac{g}{\rho}}$