

- 11** A sound wave of amplitude 0.30 mm has an intensity of 4.0 W m^{-2} .

What will be the amplitude of a sound wave of the same frequency which has an intensity of 8.0 W m^{-2} ?

- A** 0.15 mm **B** 0.28 mm **C** 0.42 mm **D** 0.60 mm

