

25 Which value is a possible wavelength for radiation in the microwave region of the electromagnetic spectrum?

A $3 \times 10^{-2} \text{ m}$

B $3 \times 10^{-5} \text{ m}$

C $3 \times 10^{-8} \text{ m}$

D $3 \times 10^{-10} \text{ m}$

26 The four graphs represent a progressive wave on a stretched string. Graphs **A** and **B** show how