

17 A longitudinal wave of frequency 1.6 Hz travels along a stretched spring at a speed of 2.4 m s^{-1} .

What is the phase difference between points on the spring that are 0.5 m apart?

- A** $\frac{\pi}{3}\text{ rad}$ **B** $\frac{2\pi}{3}\text{ rad}$ **C** $\pi\text{ rad}$ **D** $3\pi\text{ rad}$