

**18** The frequency of a wave is 600 Hz and its speed is  $330 \text{ m s}^{-1}$ .

What is the phase difference between the oscillation of two points on the wave that are 0.275 m apart?

**A** 0

**B**  $\frac{\pi}{4} \text{ rad}$

**C**  $\frac{\pi}{2} \text{ rad}$

**D**  $\pi \text{ rad}$