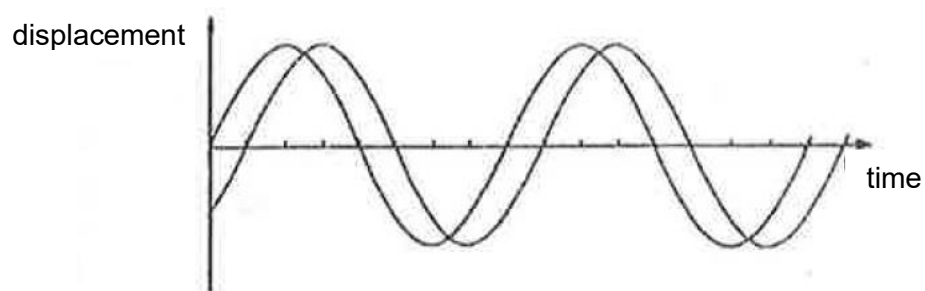


- 17 The diagram shows two particles on the same wave.



What is the phase difference between the oscillations of the particles?

**A**  $\frac{\pi}{4}$

**B**  $\frac{\pi}{2}$

**C**  $\frac{3\pi}{4}$

**D**  $\frac{3\pi}{2}$