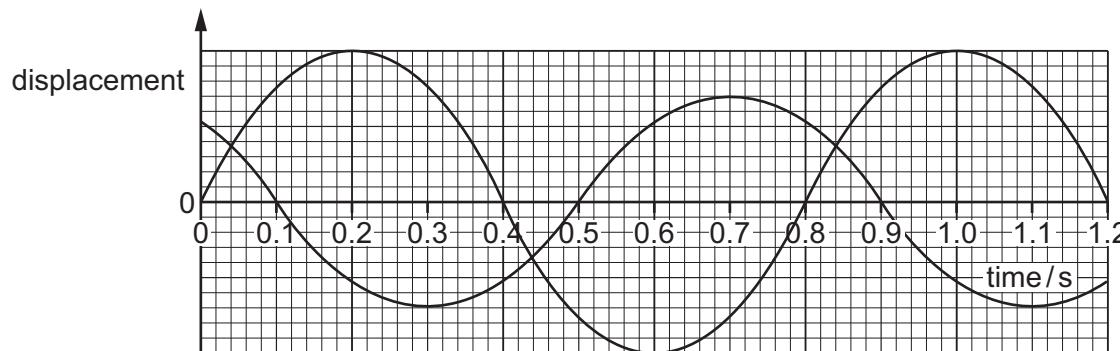


- 22** Two progressive waves meet at a fixed point P. The variation with time of the displacement of each wave at point P is shown in the graph.



What is the phase difference between the two waves at point P?

- A**  $45^\circ$       **B**  $90^\circ$       **C**  $135^\circ$       **D**  $180^\circ$