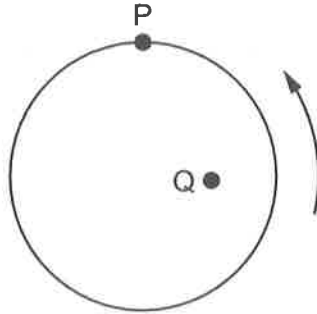9   P and Q are points on a disc that is rotating with uniform circular motion about its centre.

How do the angular velocities of P and Q compare and how do the angular displacements of P and Q compare after a quarter of a revolution?

	angular velocity after a quarter of a revolution	angular displacement after a quarter of a revolution
A	different	different
B	different	the same
C	the same	different
D	the same	the same