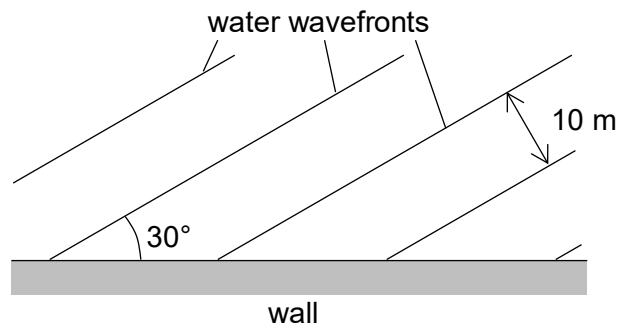


12 Water waves of wavelength 10 m approach a wall at an angle of 30° as shown.



What is the phase difference between water waves at two points 5.0 m apart along the wall?

A 0.79 rad

B 0.96 rad

C 1.6 rad

D 3.1 rad

