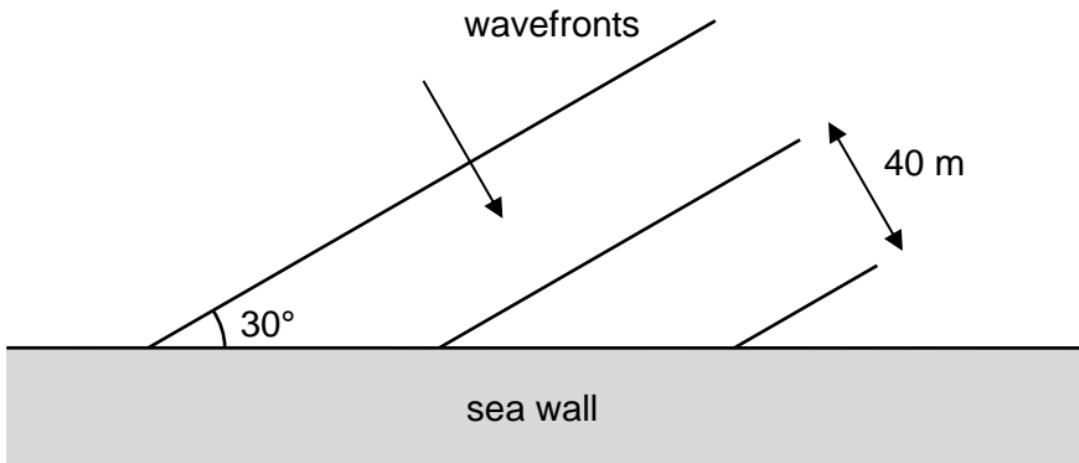


- 12 Parallel water waves of wavelength 40 m strike a straight sea wall. The wavefronts make an angle of 30° with the wall as shown.



What is the difference in phase at any instant between the waves at two points 8.0 m apart along the wall?

A 36°

B 62°

C 72°

D 90°