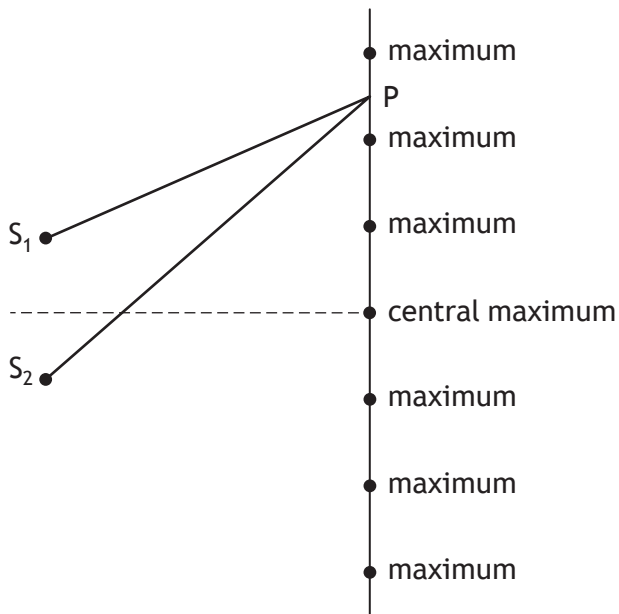


17. Waves from two coherent sources, S_1 and S_2 , produce an interference pattern. Maxima are detected at the positions shown.



The wavelength of the waves is 28 mm.

For the third **minimum** at P the path difference ($S_2P - S_1P$) is

- A 42 mm
- B 56 mm
- C 70 mm
- D 84 mm
- E 98 mm.