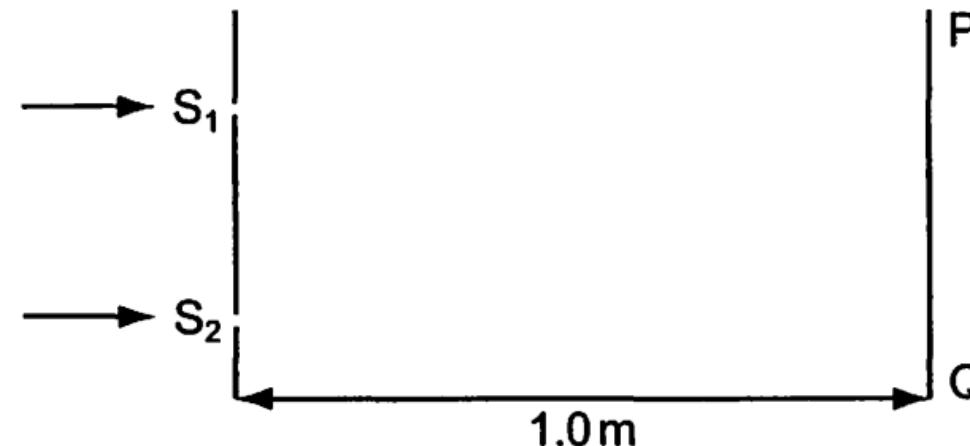


- 21 Coherent radiation of wavelength 1.0 mm, is incident on two slits S_1 and S_2 . Interference occurs to produce maxima and minima of intensity along the line PQ 1.0 m away. The maxima are separated by 50 mm.



What is the approximate separation of the slits?

- A 1.0 mm
- B 2.0 mm
- C 10 mm
- D 20 mm