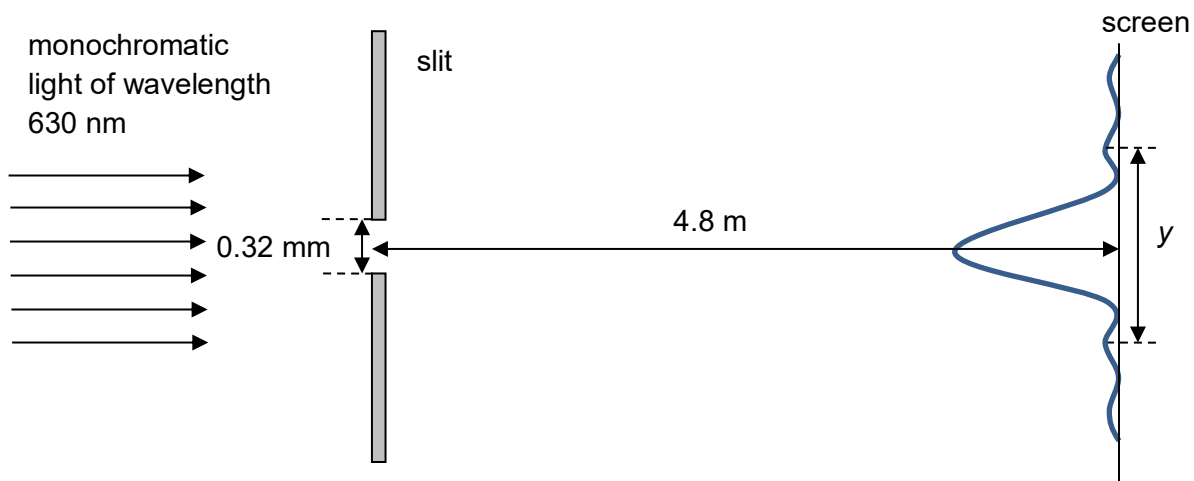


- 19** A laser light of wavelength 630 nm is passed normally through a narrow slit. A screen is placed parallel to the slit 4.8 m away from the slit. An interference pattern is formed on the screen. The width of the slit is 0.32 mm. The distance y is the distance between the two first maxima.



What is the value of y ?

- | | |
|-----------------|-----------------|
| A 4.7 mm | B 9.5 mm |
| C 19 mm | D 28 mm |