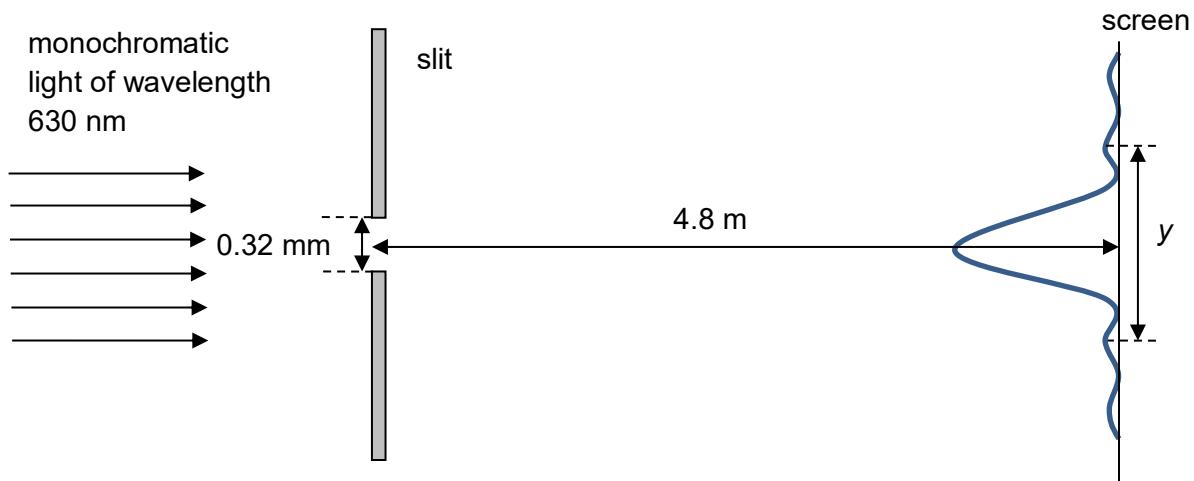


- 19** A laser light of wavelength 630 nm is passed normally through a narrow slit. A screen is placed parallel to the slit 4.8 m away from the slit. An interference pattern is formed on the screen. The width of the slit is 0.32 mm. The distance y is the distance between the two first maxima.



What is the value of y ?

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