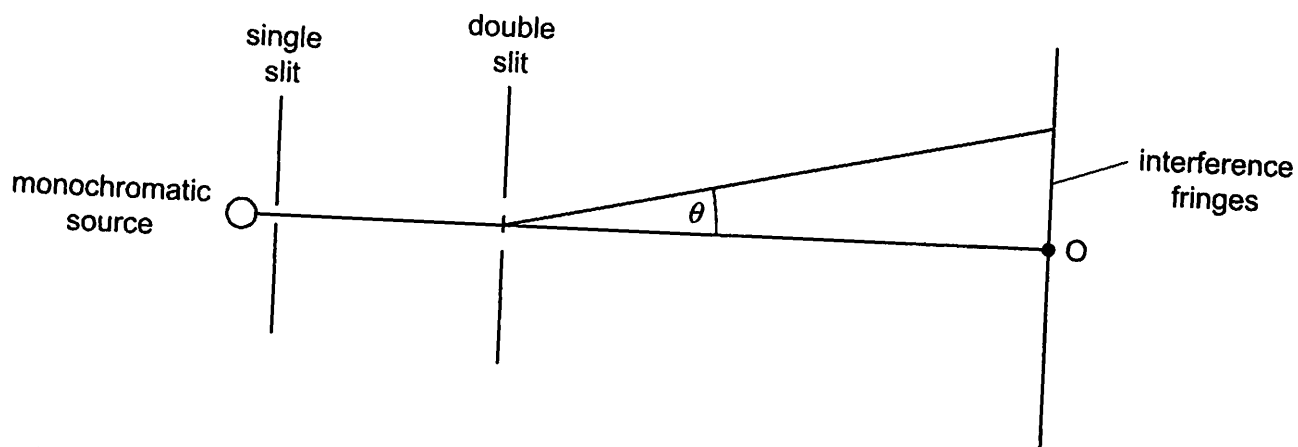
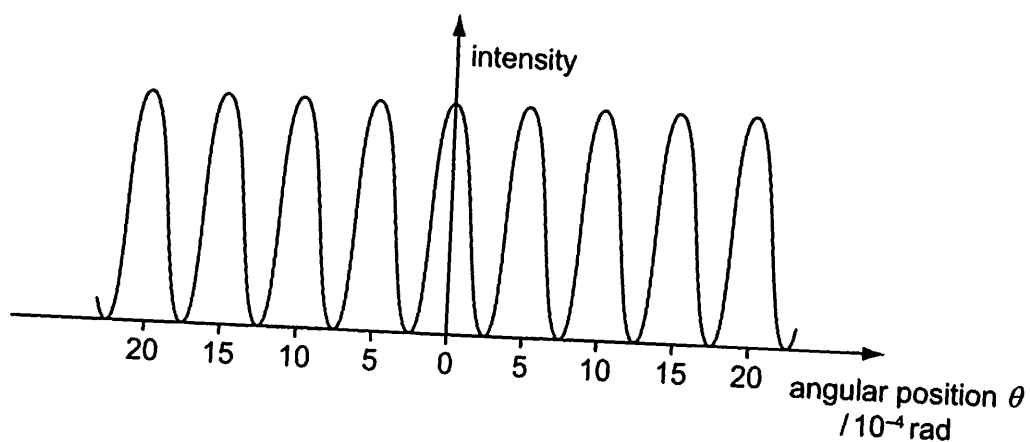


- 20 A double slit is illuminated by monochromatic light of wavelength $7.0 \times 10^{-7} \text{ m}$ and interference fringes are observed.



The intensity of the fringes varies with angular position θ as shown.



What is the separation of the double slit?

- A 0.5 mm B 0.7 mm C 1.4 mm D 2.8 mm

