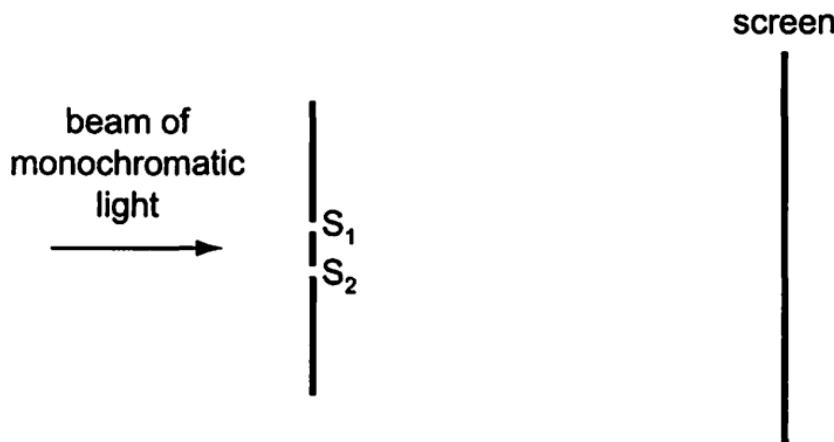


- 19 A beam of monochromatic light passes through a pair of narrow slits  $S_1$  and  $S_2$  producing a fringe pattern of regularly spaced bright and dark lines on a screen.



Which distance, when increased, decreases the separation of the fringes viewed on the screen?

- A the slit separation
- B the slit to screen distance
- C the wavelength of the light
- D the width of each slit