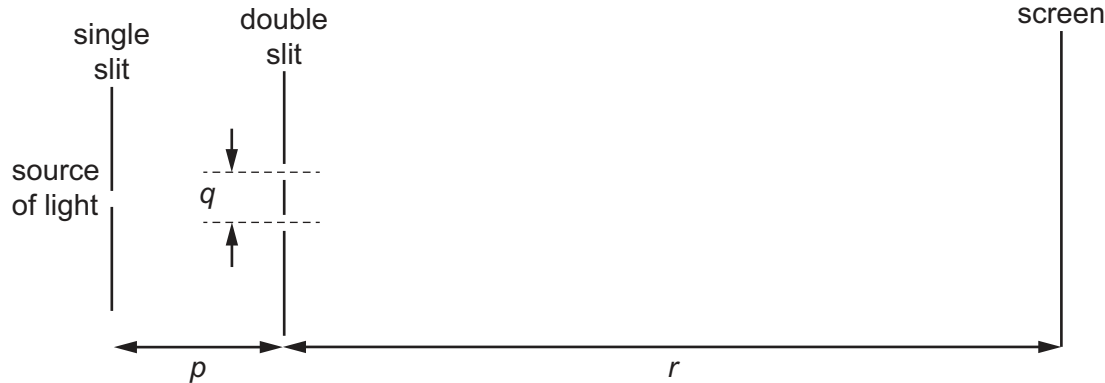


- 25** A teacher sets up the apparatus shown to demonstrate a double-slit interference pattern on the screen.



Which change to the apparatus will increase the fringe spacing?

- A** decreasing the distance p
- B** decreasing the distance q
- C** decreasing the distance r
- D** decreasing the wavelength of the light

- 26** The diagram shows two sources of waves S_1 and S_2 . The sources oscillate with a phase