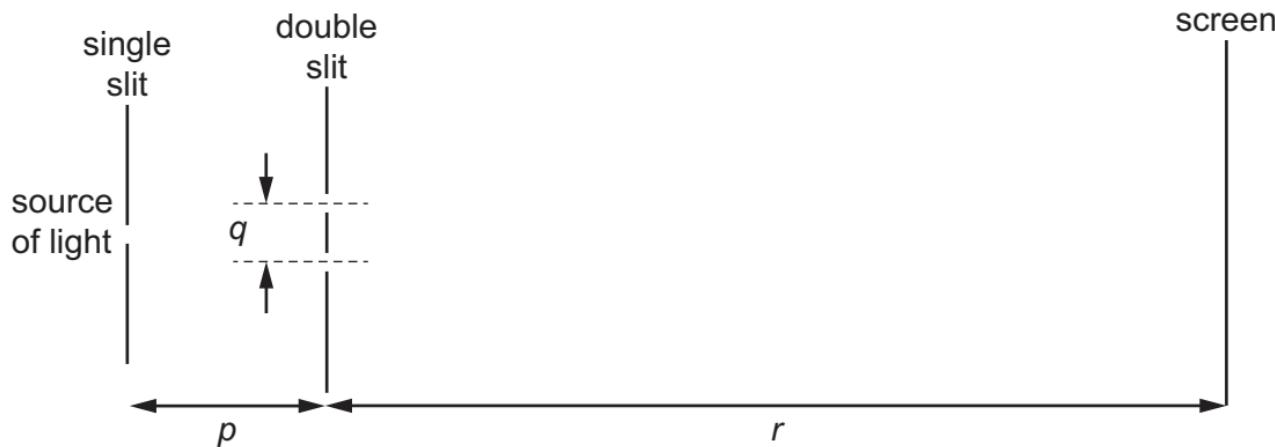


- 25 A teacher sets up the apparatus shown to demonstrate a double-slit interference pattern on the screen.



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