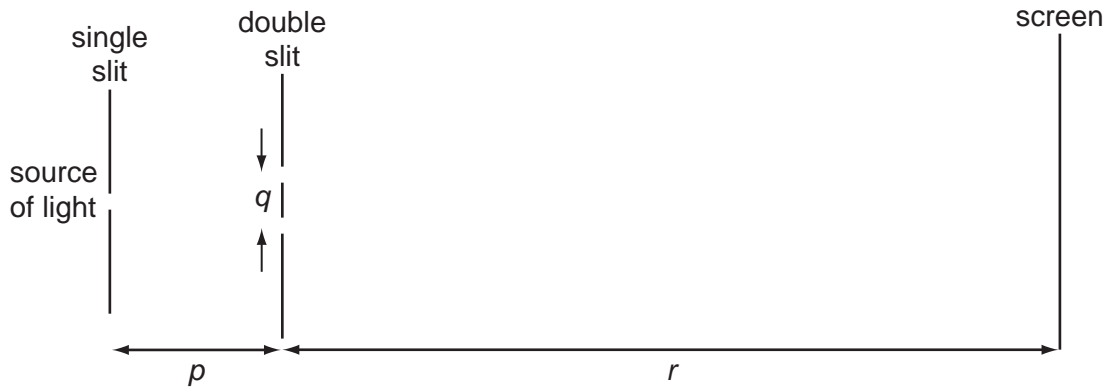


- 28** A teacher sets up the apparatus shown to demonstrate a two-slit interference pattern on the screen.



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

- 29** A parallel beam of white light is incident normally on a diffraction grating. It is noted that the