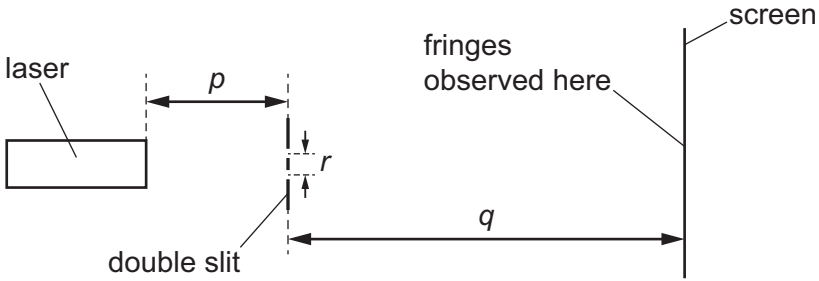
31 A student sets up an experiment to investigate double-slit interference.

The student uses light of a single wavelength from a laser to illuminate a double slit so that a pattern of interference fringes is observed on the screen.



The student finds that the fringes are very close together.

What could the student **decrease** in order to increase the separation of the fringes on the screen?

A the distance *p* from the laser to the double slit

B the distance *q* from the double slit to the screen

C the separation *r* of the slits

D the wavelength of the light from the laser