

27 Red light of a single wavelength from a laser is incident on a double slit.

A pattern of interference fringes is observed on a flat screen that is placed parallel to the double slit.

Which change increases the separation of the interference fringes on the screen?

- A** Decrease the distance from the double slit to the screen.
- B** Decrease the separation of the slits.
- C** Replace the red light with blue light.
- D** Replace the red light with green light.