

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.

28 A light wave is incident on a diffraction grating.