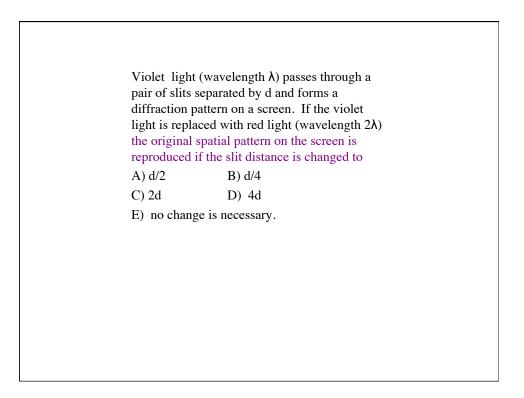


Red light and green light are both shining on the same double slit (or, grating). Which pattern has the bright spots spread farther apart?

- A) Green light bright spots are farther apart
- B) Red light bright spots are farther apart.
- C) All bright spots are equally far apart



Consider a diffraction pattern produced by a LASER through 2 slits separated by distance d. Now "d" is increased a little. To maintain the <u>same pattern</u> on the screen...

- A) The wavelength of light should be increased.
- B) The wavelength should be decreased.
- C) The pattern did not change when d changed,
- so do nothing.
- D) Something else/none of these