

- 29** In a dark room, a small source of red light illuminates two slits that are 0.75 mm apart. A few metres beyond the slits, the light falls on a screen producing a series of equally spaced bright lines.

Which change would cause the distance between the bright lines on the screen to be reduced?

- A** Change the source for one emitting blue light.
- B** Reduce the distance between the light source and the slits.
- C** Reduce the distance between the slits to 0.55 mm.
- D** Reduce the intensity of the light source.