

- 25** Monochromatic light passes through two narrow slits and produces an interference pattern on a screen some distance away. The interference fringes are very close together.

Which change would **increase** the distance between the fringes?

- A** Increase the brightness of the light source.
- B** Increase the distance between the slits and the screen.
- C** Increase the distance between the two slits.
- D** Increase the frequency of the light used.

- 26** The following statements describe the diffraction of waves passing through a narrow slit.