

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

Which statement is **not** correct?

- A** Both transverse and longitudinal waves can be diffracted.
- B** Diffraction can only be seen with light when the light is monochromatic.
- C** Red light diffracts through a greater angle than blue light.
- D** The angle of diffraction increases when the width of the slit decreases.