

- 29** An electromagnetic wave is diffracted as it passes through a single slit. The width of the slit is larger than the wavelength of the wave.

Which change will decrease the amount of diffraction of the wave?

- A** Decrease the frequency of the wave.
- B** Decrease the time period of the wave.
- C** Decrease the width of the slit.
- D** Increase the wavelength of the wave.