

- 19** 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.

- 20** A conductor consists of three wires connected in series. The wires are all made of the same