20 A wave of a single wavelength is passed through a gap in a barrier and undergoes diffraction.

The angle at which the first minimum appears is less than 90°.

Which combination of changes in gap size and wavelength **must** reduce the angle of diffraction?

	gap size	wavelength
A	decrease	decrease
B	decrease	increase
C	increase	decrease
D	increase	increase

21 An electron is initially at rest in a uniform electric field