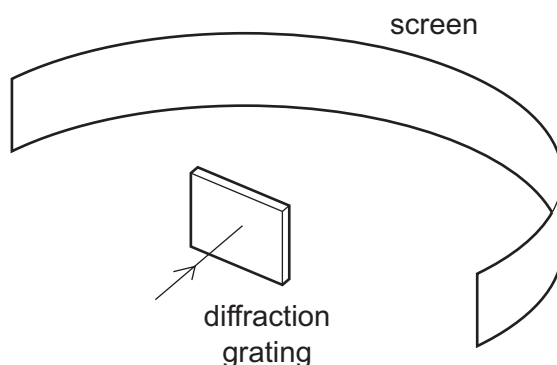
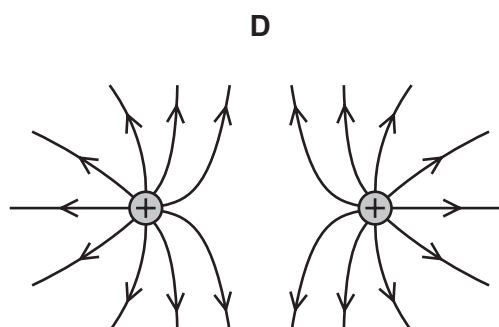
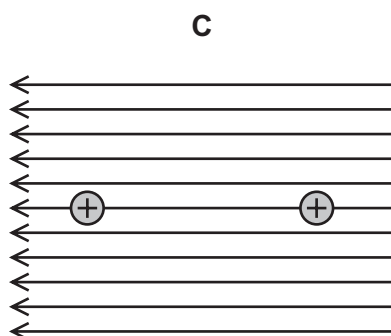
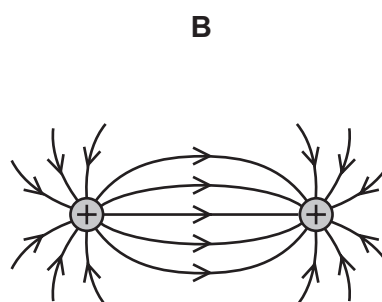
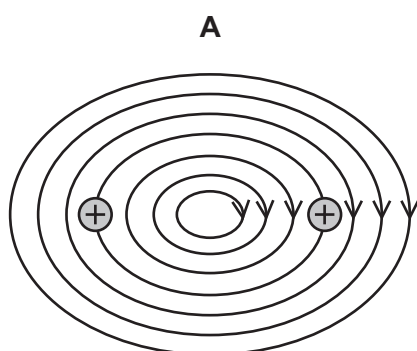


- 30 Monochromatic light of wavelength 690 nm passes through a diffraction grating with 300 lines per mm, producing a series of maxima (bright spots) on a screen.



What is the greatest number of maxima that can be observed?

- A 4 B 5 C 8 D 9
- 31 Which diagram represents the electric field line pattern due to a combination of two positive charges?



- 32 Which two units are used to define the volt?

- A ampere and ohm
 B coulomb and joule
 C coulomb and ohm
 D coulomb and second