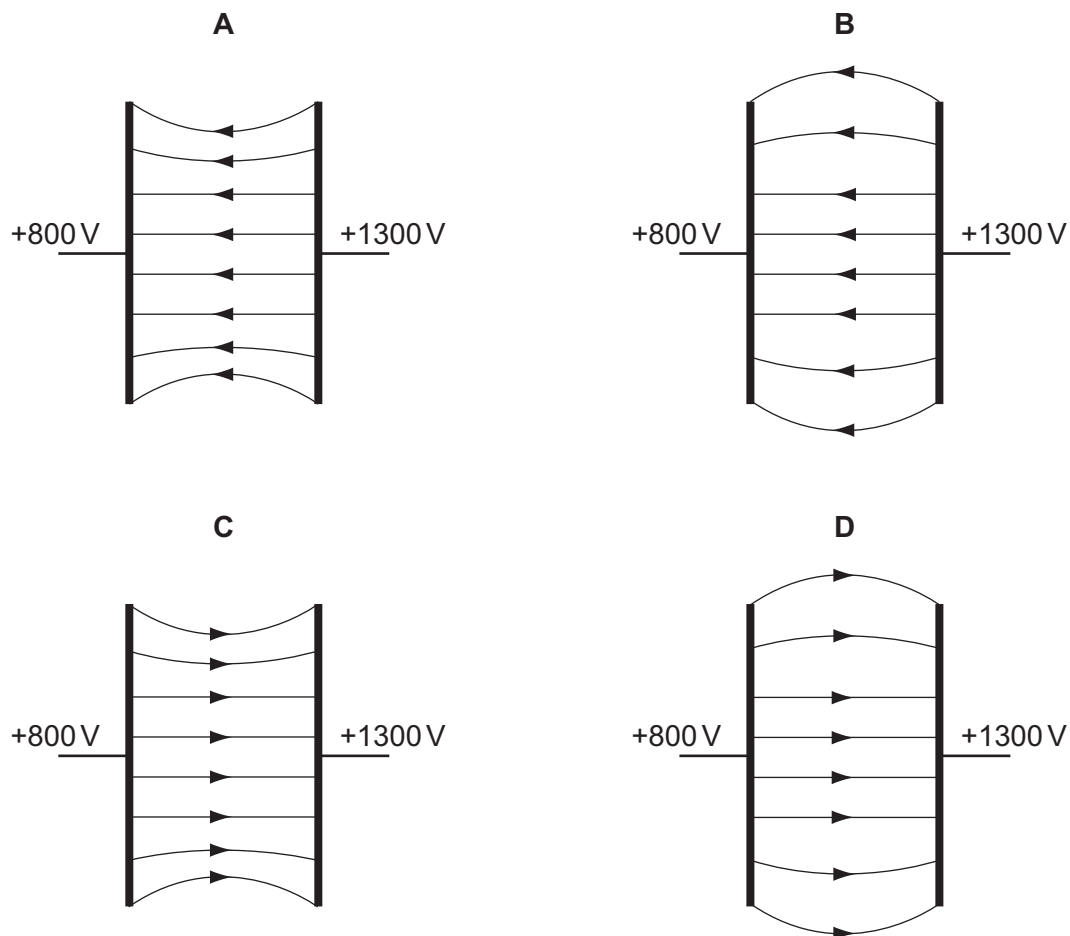


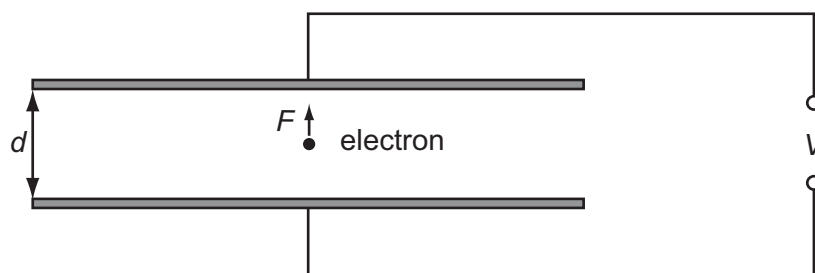
- 29 Two parallel metal plates are at potentials of +800 V and +1300 V.

Which diagram best shows the electric field between the metal plates?



- 30 An electron of charge e is introduced between two metal plates a distance d apart.

A potential difference V is applied to the plates as shown in the diagram.



Which expression gives the electric force F on the electron?

- A $\frac{eV}{d}$ B eVd C $\frac{V}{ed}$ D $\frac{dV}{e}$