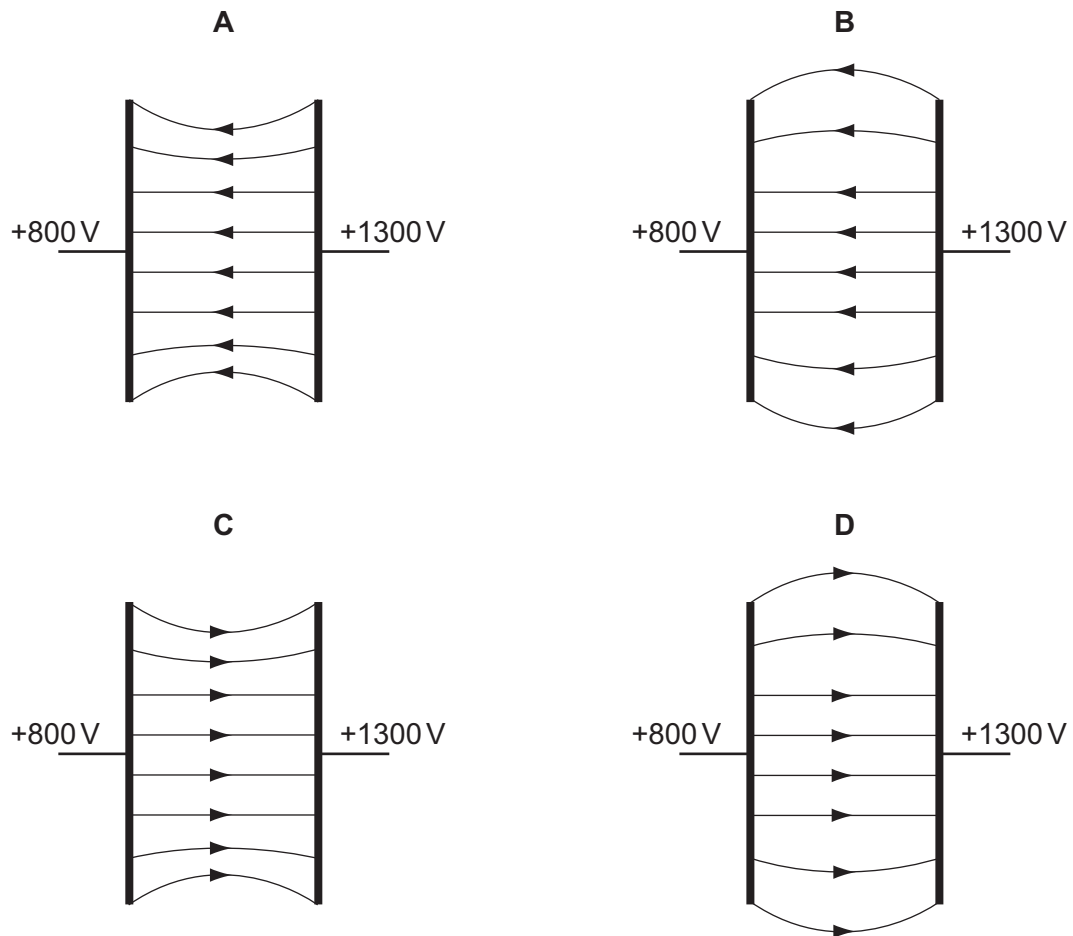


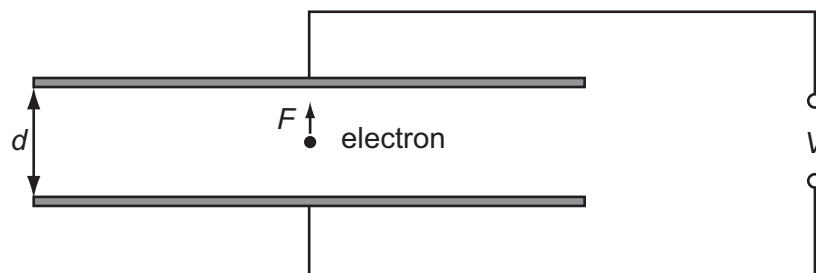
- 29 Two parallel metal plates are at potentials of +800 V and +1300 V.

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  $\frac{dV}{e}$