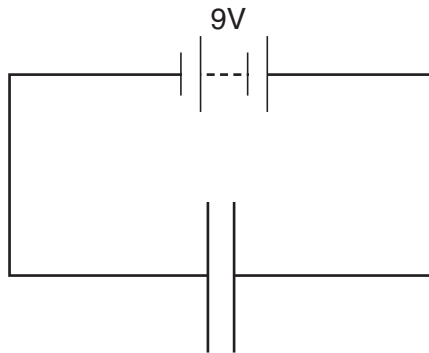


- 37** In the circuit below, the distance between the two parallel plates is $2.0 \times 10^{-3} \text{ m}$. An electron is situated between the plates.



What is the force on the electron?

- A** $3.2 \times 10^{-22} \text{ N}$
- B** $2.9 \times 10^{-21} \text{ N}$
- C** $8.9 \times 10^{-18} \text{ N}$
- D** $7.2 \times 10^{-16} \text{ N}$

- 38** Which are the correct descriptions of a γ ray and a β particle?