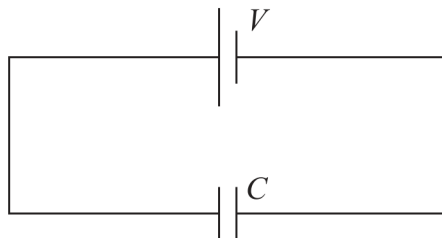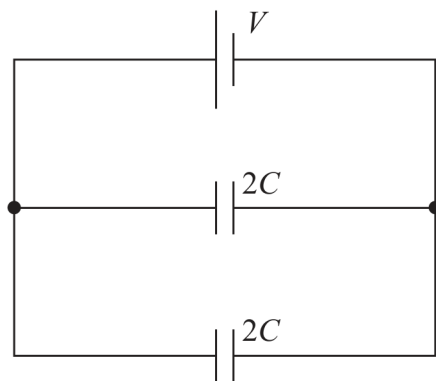**3** A potential difference (p.d.) V is connected across a capacitor of capacitance C.
The charge stored on the capacitor is Q.

The capacitor is replaced with two capacitors, each of capacitance $2C$, in parallel.

What is the total charge stored?

☒   **A** $\dfrac{Q}{4}$

☒   **B** Q

☒   **C** $2Q$

☒   **D** $4Q$

(Total for Question 3 = 1 mark)