

2 There is a potential difference of 6 V across a 220 μF capacitor.

Which of the following expressions gives the charge stored on the capacitor?

☐ A $0.5 \times 2.2 \times 10^{-4} \times 6$

☐ B $2.2 \times 10^{-4} \times 6$

☐ C $\frac{0.5 \times 2.2 \times 10^{-4}}{6}$

☐ D $\frac{2.2 \times 10^{-4}}{6}$

(Total for Question 2 = 1 mark)