

31 In an electrolyte, the electric current is carried by charged particles (ions) in solution.

What is **not** a possible value for the charge on an ion in solution?

A $-4.8 \times 10^{-19} \text{ C}$

B $+1.6 \times 10^{-19} \text{ C}$

C $+3.2 \times 10^{-19} \text{ C}$

D $+4.0 \times 10^{-19} \text{ C}$

32 The graph shows the variation with length of the resistance of a uniform metal wire