

34 A resistor of resistance $200\ \Omega$ is connected to a supply that has a p.d. of $4.00\ \text{V}$.

How many electrons enter the resistor in $4.00\ \text{s}$?

A 3.13×10^{16}

B 1.25×10^{17}

C 5.00×10^{17}

D 1.25×10^{21}