Answer on question #59563, Physics / Other

Question A resistor carries a current of 3.6 mA. The current flows for a time of 20 s. What is the charge which passes through the resistor?

Solution The charge is

$$Q = \Delta t \cdot I = 20 \cdot 3.6 \cdot 10^{-3} = 72 \cdot 10^{-3}\, C$$