

- 11 Diagram 1 shows a light-emitting diode (LED) and a resistor in series with a cell and an ammeter.

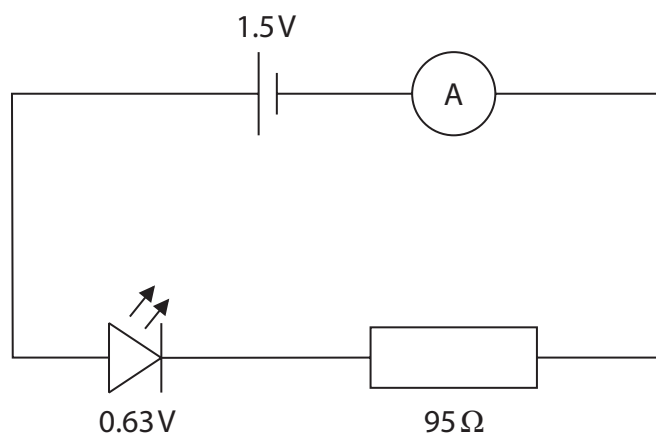


Diagram 1

- (a) The voltage across the LED is 0.63V.

Calculate the current in the circuit.

Give your answer in milliamperes.

(4)

current = ..... mA

