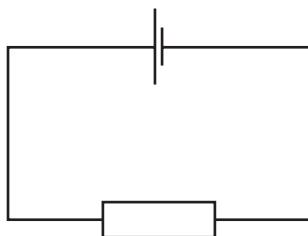


30 A cell is connected to a resistor.

At any given moment, the potential difference across the cell is less than its electromotive force.



Which statement explains this?

- A** The cell is continually discharging.
- B** The connecting wire has some resistance.
- C** Energy is needed to drive charge through the cell.
- D** Power is used when there is a current in the resistor.

Space for working