

36 A cell of internal resistance 0.5Ω is connected to a fixed resistor of resistance 10Ω .

The resistance of the resistor is changed to 20Ω .

Which statement is **not** correct?

- A** The current in the circuit will halve.
- B** The e.m.f. of the cell will remain constant.
- C** The power dissipated by the fixed resistor will decrease.
- D** The terminal p.d. of the cell will increase.