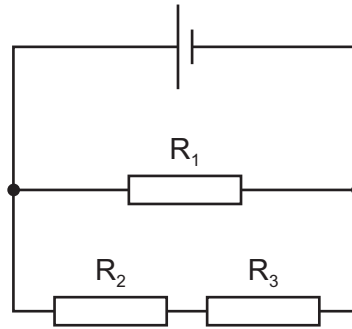


- 33** A cell of negligible internal resistance is connected to resistors R_1 , R_2 and R_3 , as shown. The cell provides power to the circuit and power is dissipated in the resistors.



Which word equation **must** be correct?

- A** power dissipated in R_1 = power dissipated in R_2 + power dissipated in R_3
- B** power dissipated in R_2 = power dissipated in R_3
- C** power output of cell = power dissipated in R_1 + power dissipated in R_2 + power dissipated in R_3
- D** power output of cell = power dissipated in R_1