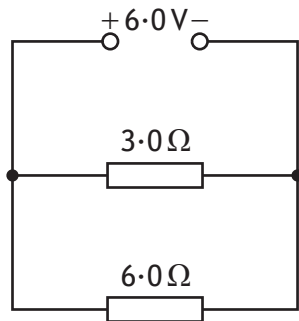


23. A circuit is set up as shown.



The power supply has negligible internal resistance.

The power dissipated in the $3.0\ \Omega$ resistor is

- A $3.0\ \text{W}$
- B $6.0\ \text{W}$
- C $9.0\ \text{W}$
- D $12\ \text{W}$
- E $18\ \text{W}$.