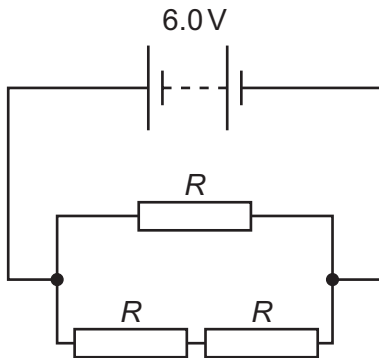


- 31** In the circuit shown, the battery has an electromotive force (e.m.f.) of 6.0 V and negligible internal resistance.

The three resistors each have resistance R .



The total power dissipated in the resistor network is 24 W .

What is the value of R ?

- A** $0.50\ \Omega$ **B** $1.0\ \Omega$ **C** $1.5\ \Omega$ **D** $2.3\ \Omega$