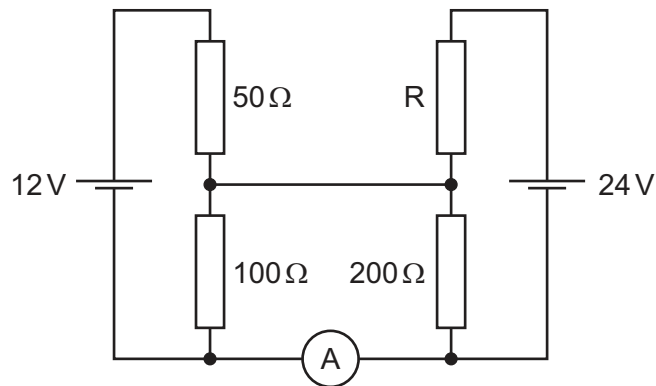


37 In the circuit shown, the ammeter reading is zero.



What is the resistance of resistor R ?

A $100\ \Omega$

B $200\ \Omega$

C $400\ \Omega$

D $600\ \Omega$