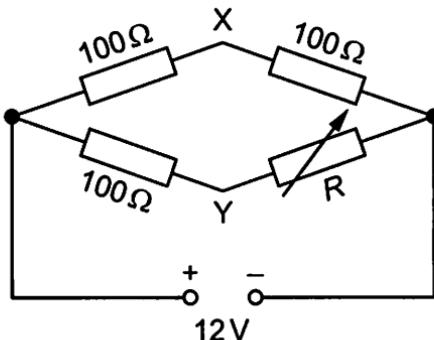


- 22 The diagram shows a network of 100Ω resistors, a variable resistor of resistance R and a $12V$ constant voltage supply.



The resistance R is adjusted so that the potential at Y is $2.0V$ lower than at X .

What is the resistance R after this adjustment?

- A 20Ω B 40Ω C 50Ω D 120Ω