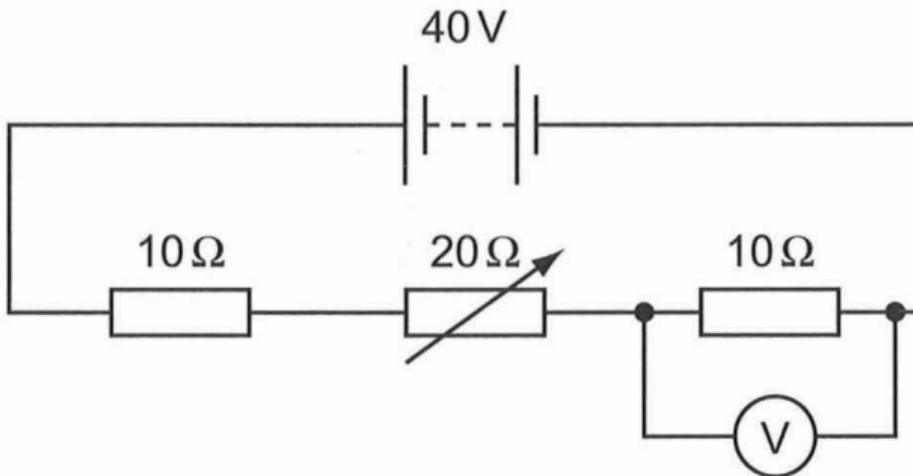


- 28 A 40V d.c. supply of negligible internal resistance is connected to a series combination of two 10Ω resistors and a variable 0 to 20Ω resistor. A voltmeter of infinite resistance is connected across one of the 10Ω resistors.



Which range of values is displayed by the voltmeter when the 20Ω resistor is varied?

- A 20V – 10V B 30V – 10V C 30V – 20V D 40V – 20V