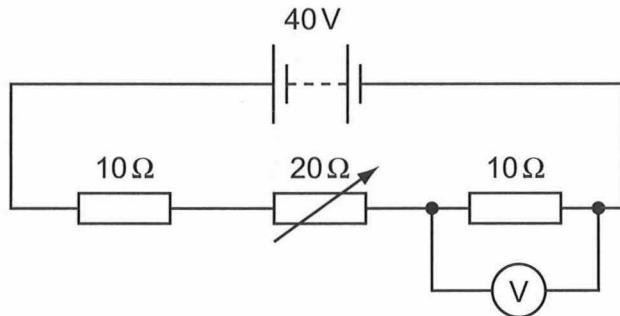


- 28** A 40 V d.c. supply of negligible internal resistance is connected to a series combination of two 10Ω resistors and a variable 0 to 20Ω resistor. A voltmeter of infinite resistance is connected across one of the 10Ω resistors.



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

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