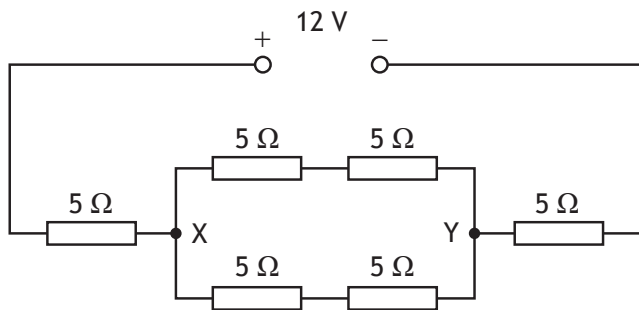


20. Six resistors, each of resistance $5\ \Omega$, are connected to a $12\ \text{V}$ power supply as shown.



The power supply has negligible internal resistance.

Which row in the table shows the total circuit resistance and the potential difference across X and Y?

	Total circuit resistance (Ω)	Potential difference across X and Y (V)
A	15	2
B	15	4
C	20	6
D	30	8
E	30	12