

Consider a DC circuit that was given in the diagram

$$U_{AB} = 30V,$$

Resistors' values: $R_1 = R_2 = R_3 = R_4 = R_5 = 10\Omega$

ammeter A has very small “electrical resistance”, it is an ideal ammeter. Let's calculate the net resistance of the circuit R_{AB} and the current that pass through each

resistors, ie: calculate I_1, I_2, I_3, I_4, I_5

