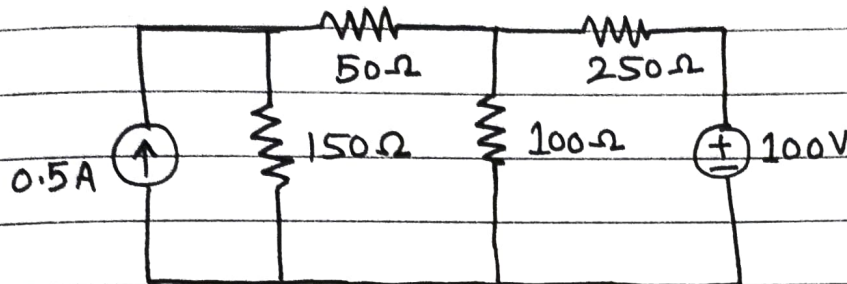
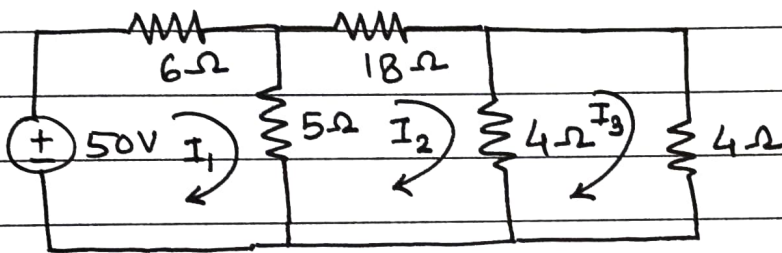


Assignment No.-2BEE-01/AK/02

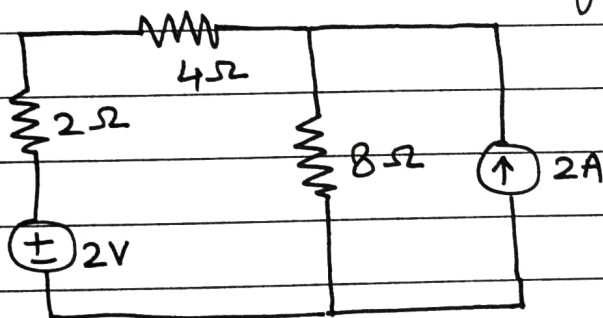
- (1) Using mesh current method, determine currents in 50Ω , 250Ω and 100Ω resistors.



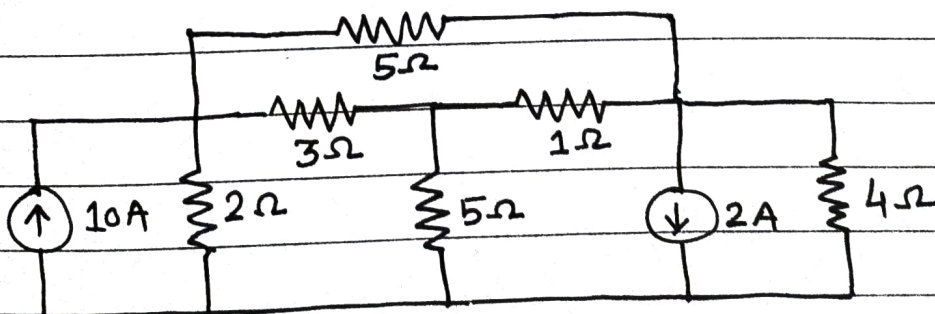
- (2) Find the mesh currents I_1 , I_2 & I_3 .



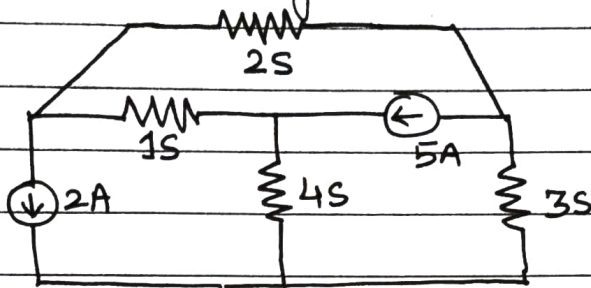
- (3) Find voltage across and current through 4Ω resistance in the circuit shown using nodal analysis.



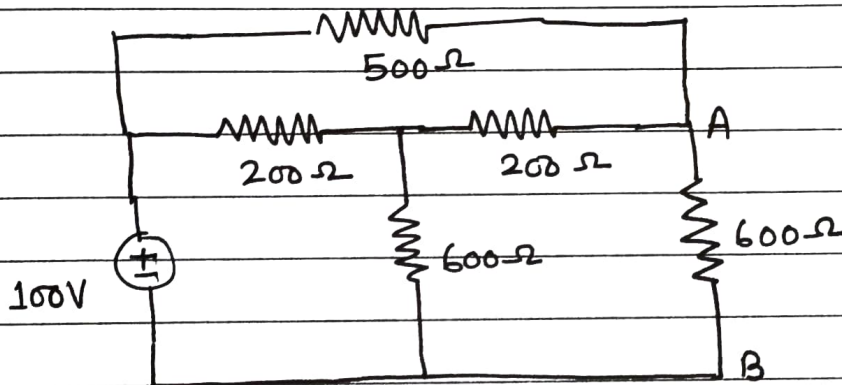
- (4) Find the current in 3Ω resistance.



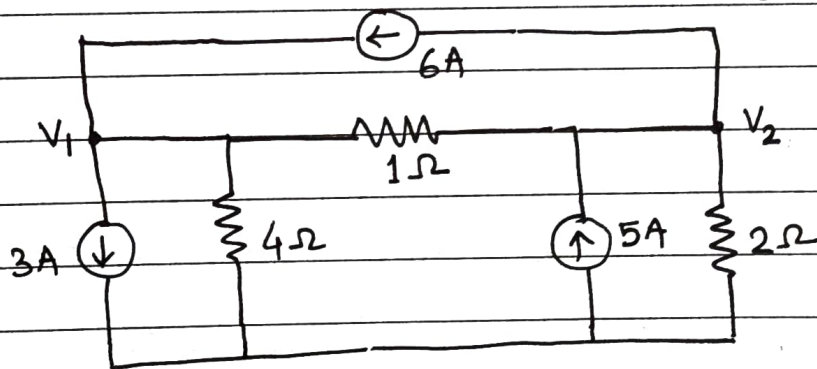
- (5) Find the current through $4S$ for the circuit shown using nodal analysis.



- (6) Determine the load current in AB using Kirchhoff's laws.



- (7) Determine the value of V_1 & V_2 using nodal analysis.



- (8) Determine the value of I using mesh analysis.

