UNIT 1
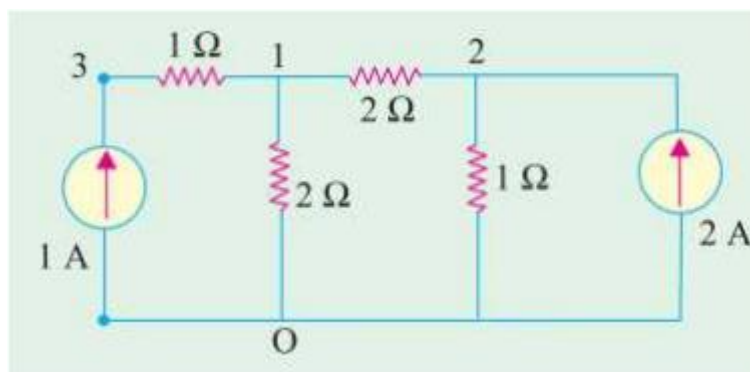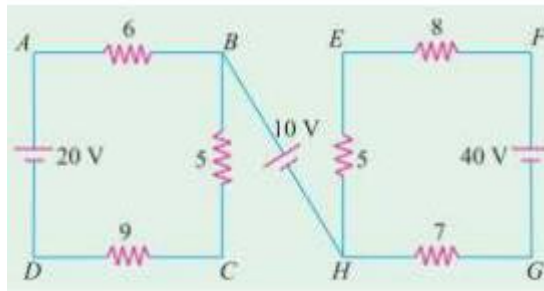### DC CIRCUITS

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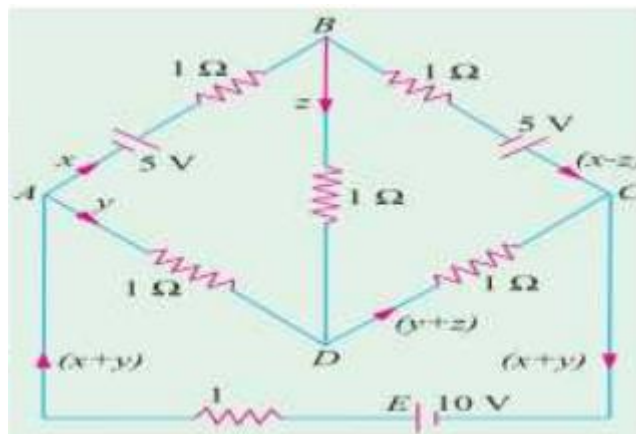1. Determine current in 5ohm resistor by any one method.
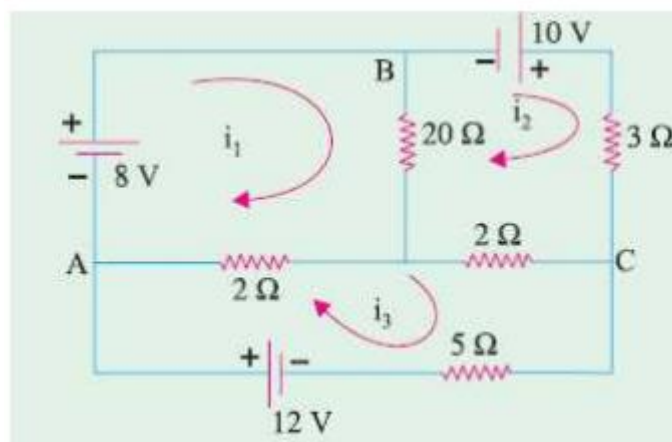
2. Determine the voltages 1 and 2 of the network in Fig. by nodal analysis.

3. For the circuit shown in Fig, find VCE and VAG.

4.State and explain Kirchhoff's laws. Determine the current supplied by the battery in the circuit shown in Fig.

5.Use nodal analysis to determine the voltage across 5-ohm resistance and the current in the 12 V source.