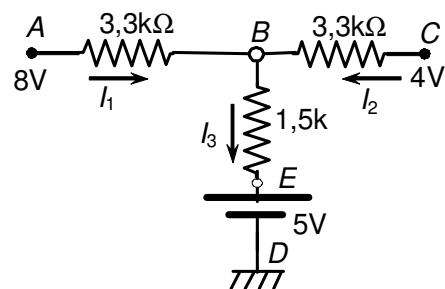


FFI. 6<sup>th</sup> PRACTICE: NETWORK ANALISYS

1. Before coming to Laboratory to do 6<sup>th</sup> practice, each group must solve next problem:

- a) By using Kirchhoff's rules, compute intensities of current flowing along different branches of circuit on picture,  $I_1$ ,  $I_2$  and  $I_3$ , with the shown senses. Also compute drop of potential  $V_{AB}$ ,  $V_{BC}$  and  $V_{BD}$ .



- b) Compute and draw Thevenin's equivalent generator between points B and D on circuit.
- c) By using Thevenin's equivalent generator computed on before section, find the intensity would flow along a resistor 1,5 K $\Omega$  sized connected between B and D.

Solution of circuit must be shown to the teacher when practice was done.

Solution of network is an essential requirement to do the practice.