

EXPERIMENT NO: 3

Objective:

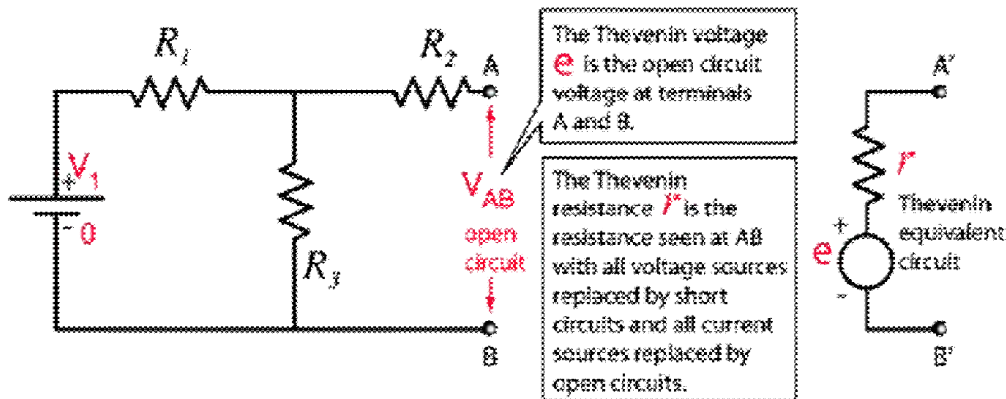
- a) To verify the Thevenin and Norton theorem.

Materials/ Component Required :

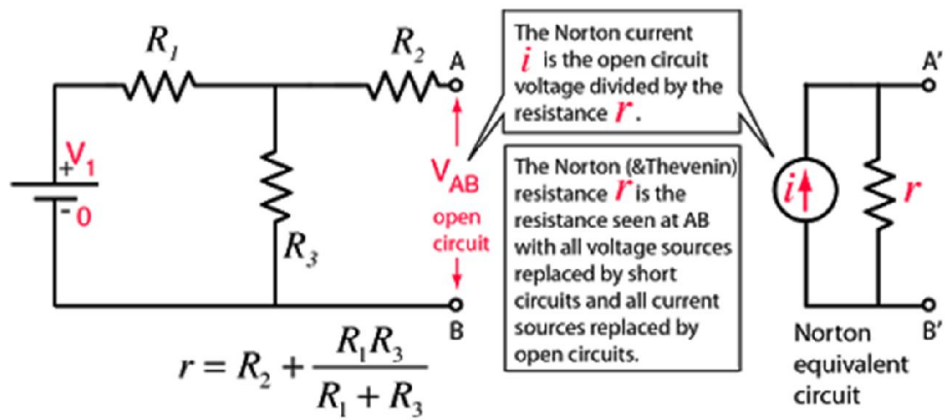
Bread board, resistors, multimeter, DC supply, connecting wires.

Theory:

Thevenin's theorem : Thevenin's theorem states that "Any linear circuit containing several voltages and resistances can be replaced by just one single voltage in series with a single resistance connected across the load".



Norton's theorem: Norton's theorem states that "Any linear circuit containing several energy sources and resistances can be replaced by a single Constant Current generator in parallel with a Single Resistor".



Calculation:

Result: