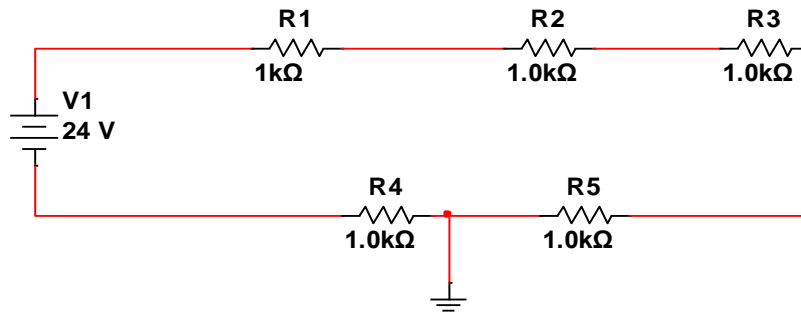


# Experiment1

## Connecting an electrical circuit and checking voltage, current and resistance

ربط دائره كهربائيه وفحص الجهد والتيار والمقاومه



### Procedure:

1. Connect the circuit shown in fig.
2. Measure total voltage.
3. Measure value of resistance R1, R2, R3, R4, R5
4. Measure the value of total current
5. Draw signal source voltage
6. Measure of the value equivalent resistance and the first three resistor
7. Calculate value of power for the cct.

Vs		power
IT		
R1		
R2		
R3		
R4		
R5		
R1,2,3		
Req		