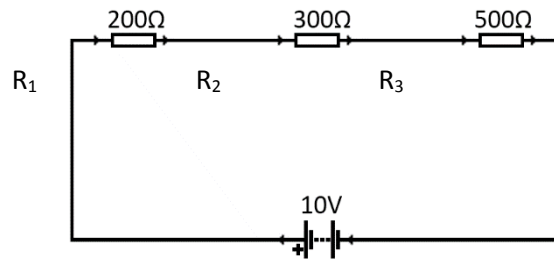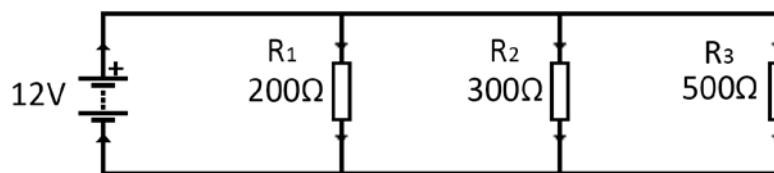## SERIES CIRCUITS.

Assembly the next series circuit:

And now, measure all the different values with the necessary measurement devices, open a spreadsheet and complete the next grid with **the values obtained.**

Device	Voltage	Current	Power =V*I
Power source			
R_1			
R_2			
R_3			

ACTIVITY Nº2:

PARALLEL CIRCUITS.

Assembly the next parallel circuit:

And now, measure all the different values with the necessary measurement devices, open a spreadsheet and complete the next grid with **the values obtained.**

Device	Voltage	Current	Power =V*I
Power source			
R_1			
R_2			
R_3			

ACTIVITY Nº3:

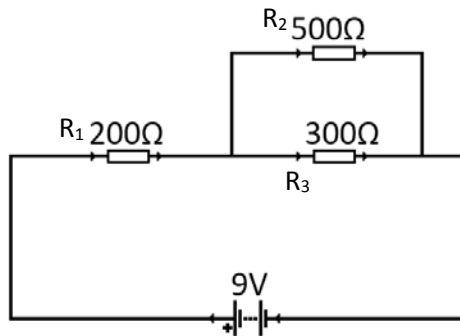**MIXED CIRCUITS.**

ssembly the next mixed circuit:

And now, measure all the different values with the necessary measurement devices, open a spreadsheet and complete the next grid with **the values obtained.**

| Device	Voltage	Current	Power =V*I
Power source			
R_1			
R_2			
R_3			

ACTIVITY 4 Assembly the next circuit and answer the following questions

a)
ELECTRICAL INSTALLATION 4
Being switch I closed, what will happen in the following cases?:
   a)   which lamp will light up more?
   b)   which lamp will light up more if L_4 burns out?
   c)   which lamp will light up more if L_2 burns out?
   d)   which lamps will stop working if L_3 burns out?
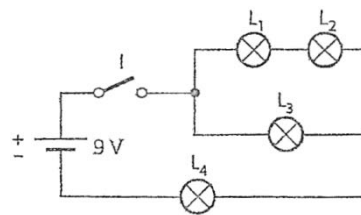
ELECTRICAL INSTALLATION 5
Indicate the lamps that illuminate in the following cases:
   a)   When switch I_3 is closed.
   b)   When switch I_1 is closed.
   c)   When switch I_2 is closed.
   d)   When switches I_1 and I_2 are closed.
   e)   When switches I_2 and I_3 are closed.
   f)   When switches I_1 and I_3 are closed.
   g)   When switches I_1, I_2 and I_3 are closed.