

1. Fill in the grid.

Quantity	Symbol	Unit	Symbol
Current	I	AMPERE	...
Voltaje		VOLT	...
Resistance	R		$\Omega$

2. Which is the current of a 10 ohms lamp if the voltaje applied is 5 V?

Data:

R =  $\Omega$

V = V      Formula applied =

Solution I =



3. An iron of 23 ohms is connected to a 230 V plug. Which current do we have trough the iron?

Data:

R =  $\Omega$

V = V      Formula applied =

Solution I =



4. Find out the resistance of an iron if the circulating current is 1.5 A when we connect it to a 230V net. C

Data:

I = A

V = V      Formula applied =

Solution R =



5. Fill in this grid making **working out the values** and the units missing.

VOLTAGE	CURRENT	RESISTANCE
...	0.75 A	6 $\Omega$
9 V	...	18 $\Omega$
1.5 V	1 A	

6. Get the quantity that we don't know and the power at the resistor.

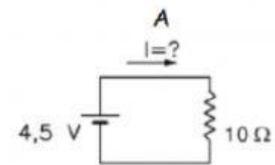
A) Data:

R =  $\Omega$

V = V

Formula applied =

Solution I =



B) Data:

I = A

R =  $\Omega$

Formula applied =

Solution V =

