1. Fill in the grid.

Quantity	Symbol	Unit	Symbol
Current	I	AMPERE	...
Voltaje		VOLT	...
Resistance	R		Ω

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

Data:

R =   Ω

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 =   Ω

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 =
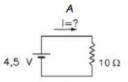
                    Solution R =

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

VOLTAGE	CURRENT	RESISTANCE
...	0.75 A	6 Ω
9 V	...	18Ω
1.5 V	1 A	

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

A) Data:

R =   Ω

V =   V   Formula applied =

                      Solution I =

B) Data:

I =   A

R =   Ω   Formula applied =

                      Solution V =