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 =

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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	

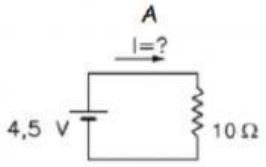
6. Get the quantity that we don't know and the power at the resistor.

A) Data:

R = Ω

V = V Formula applied =

Solution I =

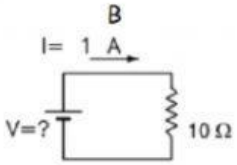


B) Data:

I = A

R = Ω Formula applied =

Solution V =



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