

Name: _____ Date: _____

Exercise 1: Fill in the table with the names of the units and its letters.

Physical quantities		Units	
Name	Letter	Name	Letter
Intensity	I		
Voltage	V		
Resistance	R		
Power	P		
Energy	E		

Exercise 2: An electric current of 3,91A flows through the motor of a mixer when it is connected to a typical socket of 230V.

- Calculate the power of the mixer.
- How much energy will be spent we connect it for two seconds?

**Exercise 3:** The buzzer of the circuit below is connected to a 24V battery and an electric current of 0,3A flows through it.

- Calculate the power of the buzzer.
- How much energy will be spent if the buzzer is connected for a quarter of an hour?

