



VI.

NOTICE: [] fill in the units in the square brackets

Task: Conductometry

Key words: conductivity, Siemens unit, resistance, physiological saline solution

sample	Temperature []	Conductivity []
tap water		
distilled water		
saturated salt solution		
physiological saline solution		

Discussion

Importance for the medicine / connection with the health and illness:

Possible errors and accuracy:

Conclusion:

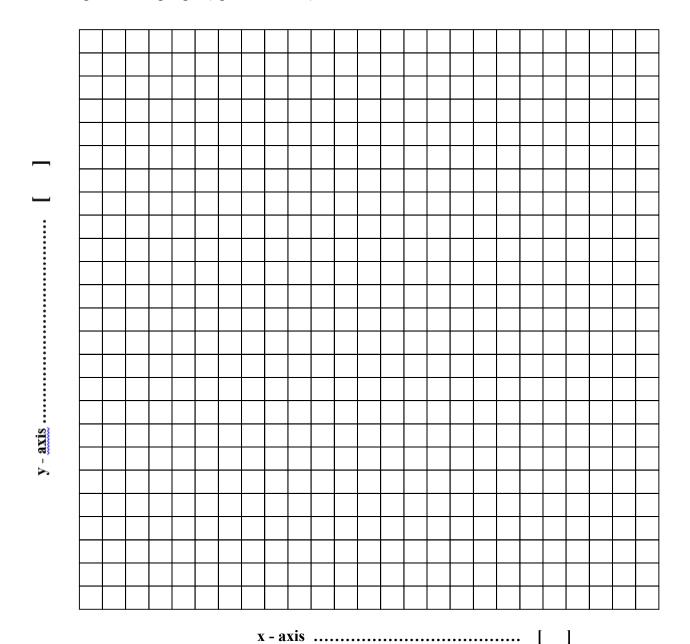
Task: Audiometry

Key words: sound intensity, level of intensity, decibel unit, hearing range

Measured values:

Frequency (Hz)	Level of the intensity - left ear []	Level of the intensity - right ear []
125			
250			
750			
1000			
1500			
2000			
3000			
4000			
6000			
8000			

Graphs of the dependence of threshold level of the intensity (Y axis) on frequency (X axis) - both left and right ears. Highlight (eg with a circle) the minimal and maximal values:



Discussion Importance for the medicine / connection with the health and illness:
Possible errors and accuracy:
Conclusion:
Task: Doppler ultrasonic flowmeter
Key words: ultrasound, doppler effect, systole, diastole
(You will measure the rate of blood flow - velocity - over time in this task. The flow rate changes as the heart muscle contracts = systole and dilates=diastole)

Right hand- velocity [

Measured values:

Systolic section
Diastolic section

Left hand -velocity [

Plot the w display):	aveform of doppler signal for right or left hand (redraw the graph from the device
y - axis	
	x - axis []
Discussion Importance	nee for the medicine / connection with the health and illness:
Possible e	rrors and accuracy:
Conclusio	n: