

**V.**

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

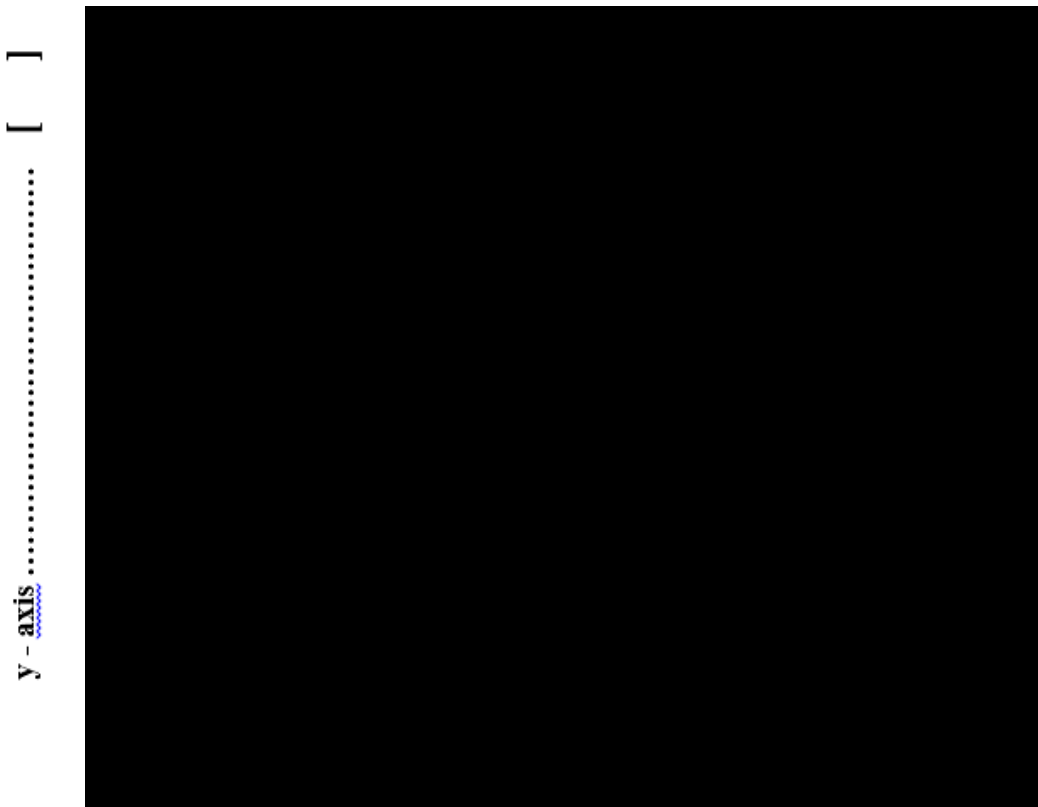
**Task: Thermocouple**

Key words: voltage, electric current, temperature, semiconductor, conductor, insulator

Calibration values:

Temperature [ ]	Voltage [ ]

Calibration graph:



x - axis ..... [ ]

Measured values:

Position	Voltage [ ]	Determined temperature [ ]

Calculation of Seebeck coef.  $\alpha$  :

[ ]

Discussion

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

Possible errors and accuracy:

Conclusion:

**Task: Blood pressure**

Key words: systole, diastole, pressure, Pascal unit, mmHg unit

Manual tonometer:

Blood pressure:	mmHg		kPa		
	measurement	syst.	diast.	syst.	diast.
mean value					
median value					

Example of calculation of blood pressure from mmHg to kPa :

Digital tonometer:

Blood pressure:	mmHg		kPa		
	measurement	syst.	diast.	syst.	diast.
mean value					
median value					

Discussion

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

Possible errors and accuracy:

Conclusion: