

### EQUAL LOUDNESS CURVES:

Name: .....

Group: .....

Date: .....

1. Goal of the experiment: .....

.....

2. Estimation of threshold of hearing for tones of different frequencies.

Results of measurements of voltage  $U$  as a function of frequency  $f$ :

	Frequency $f$ , Hz	$\log f$	Threshold voltage		Mean value $\bar{U}$	Power level
			$U_1$	$U_2$		
1	250	2,40				
2	500	2,70				
3	1000	3,00				
4	1500	3,18				
5	2000	3,30				
6	3000	3,48				
7	4000	3,60				
8	6000	3,78				
9	8000	3,90				
10	10000	4,00				

Make a graph of the threshold power level as a function of frequency:  $L_p = f(\log f)$

