

Name:

Grade:

Students No.:
Data and Calculation

Date:

Part II:

Battery Voltage: 1.564 Volt

Table 4:

	0.5V/DIV	1.0V/DIV	2V/DIV
positive voltage	1.5	1.6	1.6
negative voltage	1.5	1.6	1.6
Average Voltage	1.5	1.6	1.6
percentage error			

Q1: Which division gives the best results?

Part III:

Table 5:

Signal Frequency(Hz)	Number of divisions constituting one cycle	$T = (n * \text{Time/Div})$ (s)	$1/T$ s^{-1}	percentage error
100.03	5			
200.07	2.2			
500	1			
1000	2			

Q2 : Find the frequency of the electricity which comes from the electricity company (the same from the power supply-+), and at home too? *given its signal*



$N = 4 \text{ div}$
 $\text{Time/Div} = 5 \text{ ms/Div}$