Lab 5: Voltage Divider

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Part 1

Table 1: Series Resistors						
R_1	R_2	V_1	V/DIV for V_1	V_{12}	$\frac{R_1}{R_1+R_2}$	$\frac{V_1}{V_{12}}$
1k	2k	0	0	0	0	0
1k	100	0	0	0	0	0
1k	4.7k	0	0	0	0	0
1k	10k	0	0	0	0	0
1k	100k	0	0	0	0	0

Part 2

				Table 2: Parallel Resistors					
R_1	R_2	R_3	V_1	V/DIV for V_1	$I_1 = I_{23}$	V_{123}	V_{23}	$R_{23,\text{expt}}$	$R_{23,\text{theory}}$
1k	2k	0	0	0	0	0	0	0	0
1k	100	0	0	0	0	0	0	0	0
1k	4.7k	0	0	0	0	0	0	0	0
1k	10k	0	0	0	0	0	0	0	0
1k	100k	0	0	0	0	0	0	0	0