

Lab Week Six – Tutorial Portion – up to 2 bonus marks for Notebook entries.

The purpose of the tutorial portion of this lab is to exercise your understanding of calculating and measuring Voltage, Current, Resistance and Power in simple electronic circuits so that you are better prepared for Term Test One.

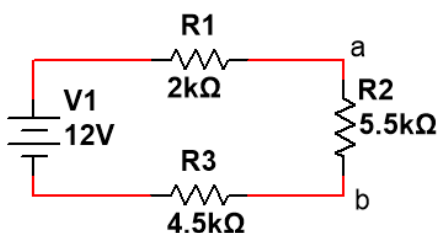
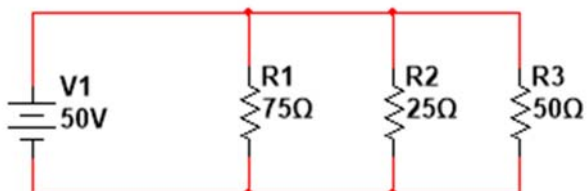
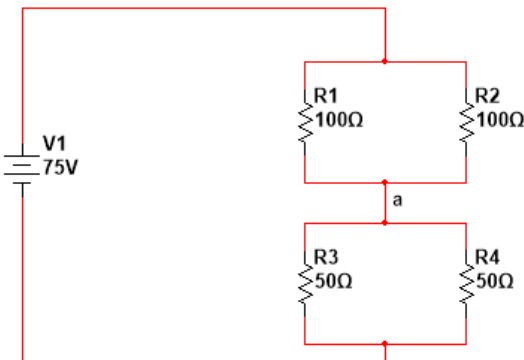
Instructions

Work on the problems in the notebook supplied for this course. Ask questions as necessary. Show your work to your lab professor well in advance of the end of your lab period..

Bonus Mark Structure – You must bring your notebook to the lab to be considered for Bonus Marks.

Your lab professor will parse your notebook during the lab period and award marks as follows:

- 2 marks for having both lecture and rough work for all previous labs and this tutorial in your notebook.
- 1.5 marks for having only rough work for all previous labs and this tutorial in your notebook.
- 1 mark for having only lecture or rough work for all previous labs and this tutorial in your notebook.
- 0.5 marks if only work for this tutorial is in your notebook.
- 0 marks if nothing recorded in note book or notebook not presented for marking

<p>Circuit One – Calculate R_t, I_t, V_{R1}, V_a and V_{ab}</p> 	<p>Circuit Two – Calculate R_t, I_t, I_{R1}, I_{R2}, I_{R3}</p> <p>(use two rounded decimal places for all answers)</p> 
<p>Circuit Three – Calculate V_a</p> 	<p>Circuit Four – Calculate R_t, I_t, I_1, I_3, V_b</p> <p>(use two rounded decimal places for all answers)</p> 