IN	ame:
1.	What is a series circuit? (10 pts)
2.	What is a parallel circuit? (10 pts)
3.	Is the equivalent resistance, R_{eq} , of a series circuit greater than or less than any individual resistor? (10 pts)
4.	Is the equivalent resistance, R_{eq} , of a parallel circuit greater than or less than any individual resistor? (10 pts)
5.	Calculate R_{eq} for each of the first three circuits shown in Fig. 16.4 - Fig. 16.6 using the stated nominal values for resistance. (Show all work on back of this sheet.) (25 pts)
6.	You will plot I $vs.$ V for each of the three circuits on one graph. What value should each slope have (use the stated values for resistance)? (25 pts)
7.	Create Data Tables in your lab notebook for all parts of this experiment. Sketch the column headings on the back of this sheet. (10 pts)