

Resistor values:		
	Resistance (nom)	Resistance (meas)
R1	43ohm	43.702ohm
R2	100ohm	99.935ohm
R3	220ohm	218.560ohm
R4	470ohm	463.62ohm

Voltage Data Table (V)				
	Measured in lab	Tinkercad	Theoretical (nom)	Theoretical (meas)
R1	0.65808V	0.660V	0.660V	0.668V
R2	1.3279V	1.34V	1.340V	1.33212V
R3	0.42473V	0.427V	0.42731V	0.42679V
R4	0.90291V	0.913V	0.91289V	0.90533V

The variations in the theoretical voltages obtained from the nominal values and the measured values of resistance exist as a result of the error between the measured resistance and the ideal nominal resistance.

The difference in voltages obtained from the tinkercad model and the actual lab experiment or the theoretical nominal values exist as a result of internal resistance not accounted for in calculations. This resistance exists in the wires as well as the DC supply. Systematic error caused by improper handling and calibration of the devices used(probes) is another source of error that contributes to the variations in voltage values between the measured and theoretical values.