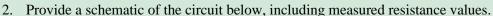
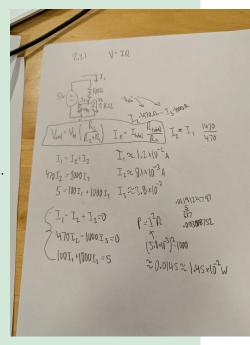
2.3.1: Series and Parallel Resistors and Equivalent Resistance (20 points total)

1	Expected r	nower dicci	nated hw	$1K\Omega$ resistor ((nre-lah anal	veie) (5 ntc)
1.	LADUCTUU	DOWCI GISSI	Jaicu Dy	11777 10010101	(pic-iau anai	y 515 /. (.	J DIST

Expected Power: 1.45E-2 Watts



100Ω, 470Ω, 1KΩ, schematic on the right



3. Measured power dissipated by $1K\Omega$ resistor (provide all measurements taken: actual resistance values, voltages, currents, power calculation). Comment on the agreement between measured and expected power dissipation – calculating a percent difference is always good! (8 pts)

 $1.0123K\Omega$, 462.62Ω , 98.74Ω , Our measured power dissipated by $1K\Omega$ resistor is 1.41E-2W and our expected value was 1.45E-2W.

Percent difference =
$$(1.41-1.45)/(1.45)*100 = -2.65\%$$
 error

4. **DEMO**: Have a teaching assistant initial this sheet, indicating that they have observed your circuit's operation. (4 pts)

TA Initials: