Course Number and Name: CECS 211: Principles of Computer Engineering I	
Semester and Year: Fall 2016	
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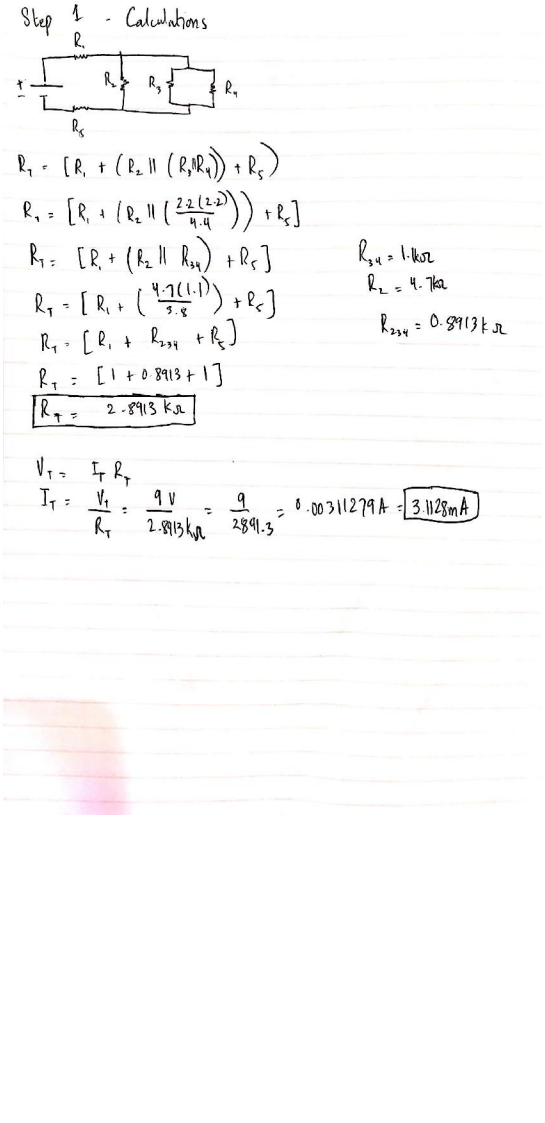
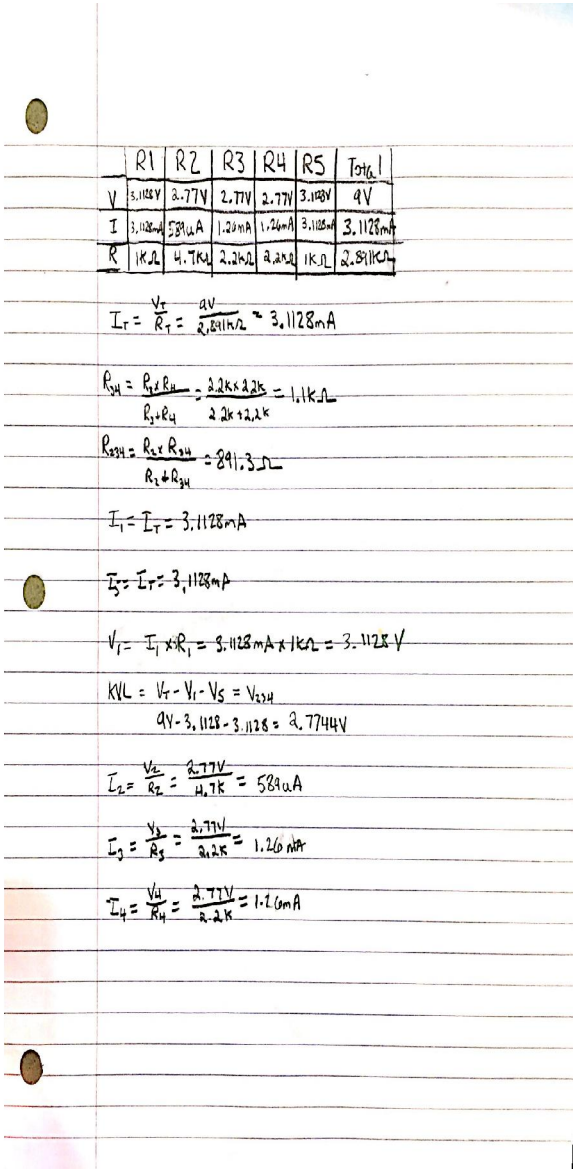
Date of Report Submitted: 09/15/2016	**Grade:**

Section 1: Calculations by Hand

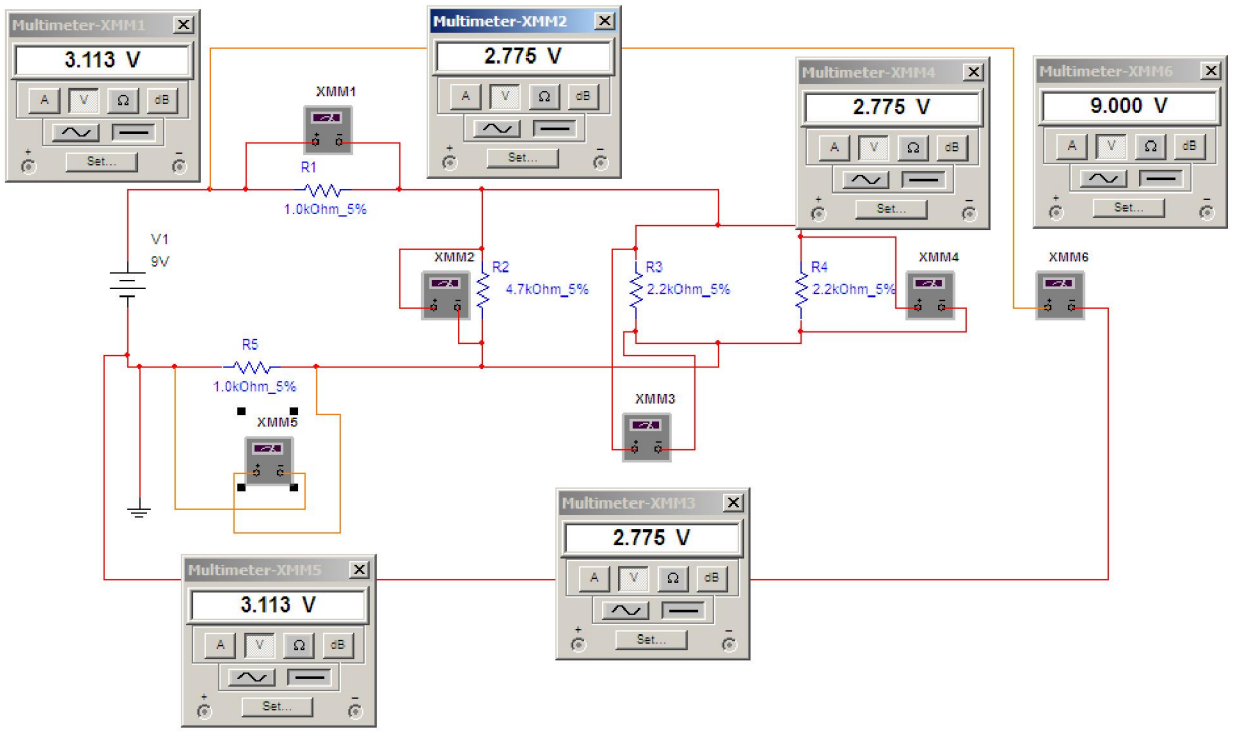
IT	3.1128mA
I1	3.1128Ma
I2	589 µA
I3	1.26 mA
I4	1.26 mA
VR1	3.1128 V
VR2	2.77 V
VR3	2.77 V
VR4	2.77 V
VR5	3.1128 V

Calculations for the values above are below:

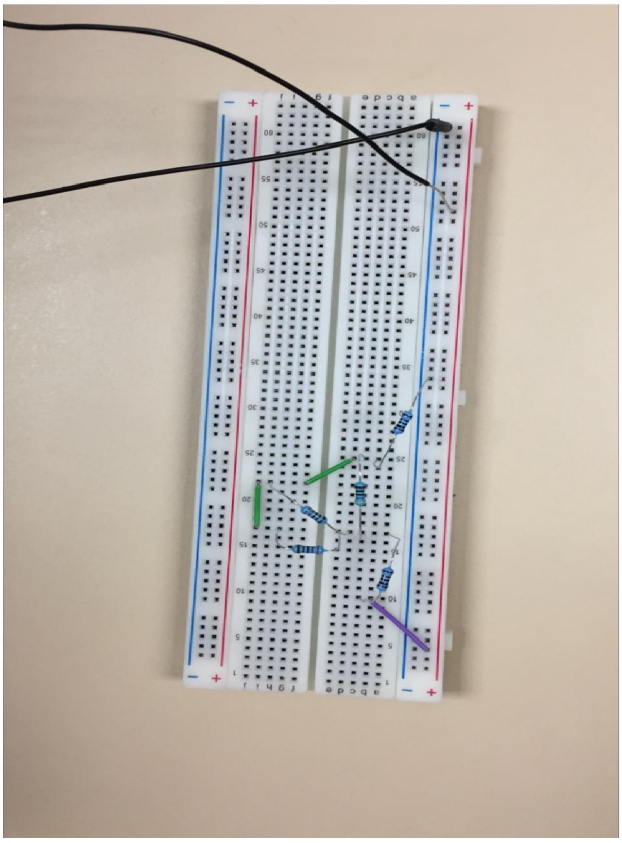




Section 2: Multisim Screenshot



Section 3: Snapshot of the Circuit



Section 4: Measurements from DMM

Measure with ohmmeter of DMM	**Resistance**
R1	0.92 kΩ
R2	4.3 kΩ
R3	2.1 kΩ
R4	2.2 kΩ
R5	0.93 kΩ
RT	2.78 kΩ
Measure with current meter of DMM	**Current**
IT	3.23 mA
I1	3.27 mA
I2	623 μA
I3	1.27 mA
I4	1.22 mA
Measure with voltmeter of DMM	**Voltage**
VR1	3.01 V
VR2	2.68 V
VR3	2.68 V
VR4	2.68 V
VR5	3.01 V