8	Title: Circuit Theory	Laws Notes	THE RESIDENCE OF THE PARTY OF T	
-1ect	nicity. Bacico			
A	in understanding of th	e bousies of el	ectnicity reapines the understanding of	
Three fundamental concepts				6
	Voltage	Current 1	Kessteine	1
	A direct mathematical !	relationship exi	ists between voltage, resistance, and	
Voltar	Current in cell electronic	c Circuite.		
- oge	Current, and Recis	teunce		
VOITAGE is the electrical torce that auses current to flow in a Girait.				
	Voltage is messured in vol	Hs IV	+ 111	
	I	= = -	<b>= \</b>	
Current is the flow of electrical charge through on electronic circuit.				
	Circuit.	CW OI ERCH	triangle through an Electronic	
Current is measured in compenes (comps)				
II = V				
	T	J=X		
				,
Resistance is a measure of apposition to the flow of electricity				Ó
through a circuit.				
Resistance is measured in ohms.				
		_=	MANAGER AND	
C.	MONTH OF THE PARTY	R!	and the same with the same of	
Cum	ent Anellog		Flashlight	
	Force 1		switch !	
	Flow		Correct Blight but	
			(Counce) (3)	
Topposition			Exterty	
			Switch aldermines	
			connent flow	
	lu			
Clauati	vo: 0.45	Dato Or La lace	Team Members:	
Signati	ure: UW	Date Of July	Touri Members.	
Witnes	s:	Date:	The second second	
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			a	

Current Flow

Conventional Current

Assumes their correct flows from possible to negative

Electron Flow

Electrons extractly naw from negative to pastitice

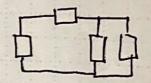
As long as you are consistent with underver concertion you choose, it closes if memer which concert you use convertance correct

Chmis law

Current in a nesister veries in direct popartion to the voltage expersed to it and is inversely proportional to the resistan's veries.

Circuit Combination

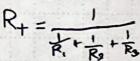
Combination Circuit
A circuit that contains both components
Convected in both external porallel

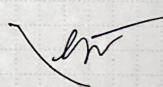


Scrient flow through lung suries component is easier

$$R_{+} = R_{1} + R_{2} + R_{3}$$
  
 $V_{+} = V_{R1} + V_{R2} + V_{R3}$ 

Parallel Circuits





Signature: Lut

Dates/10/21

Team Members:

Witness:

Date:

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