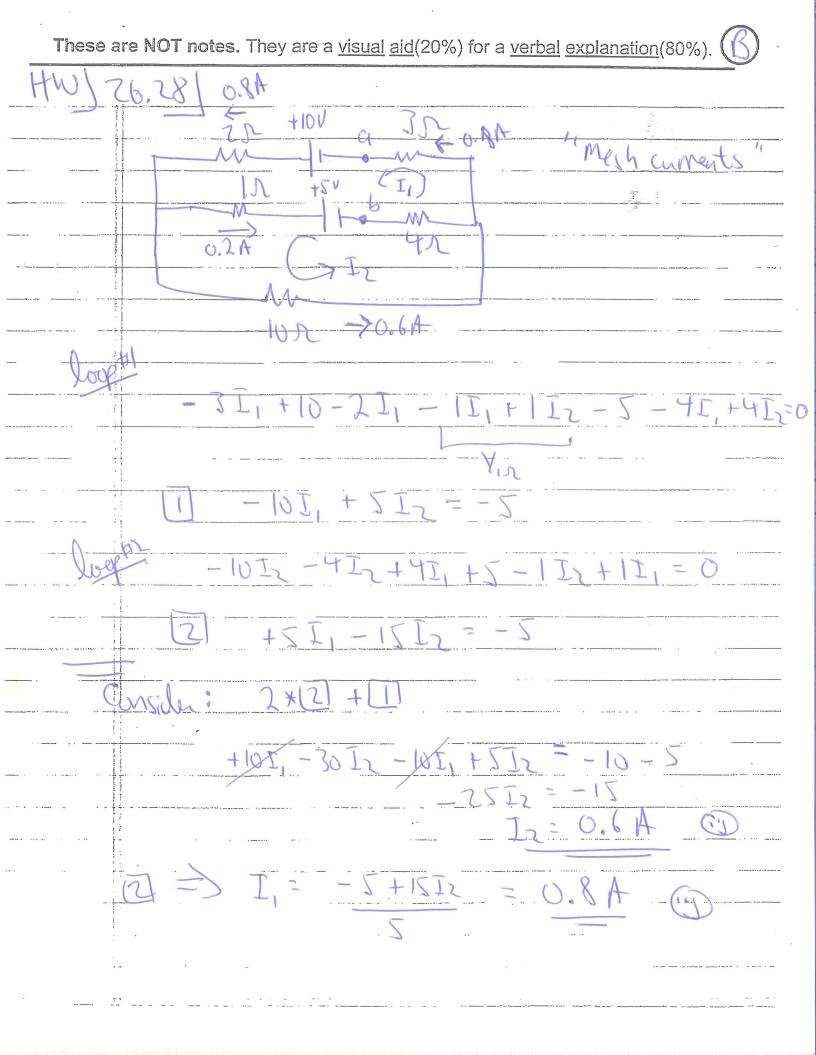
25.64\ R=	11 +10 1	r = 1600 s
	16 × 103 V	Trintend resistance SEE CANUAS ANNOUNCE
a) +V )	R C	I= = 1.27 A
6) P= I2	R = 17,7	4×10 w.th.s
$C. \Gamma = \frac{2}{3}$	but I=	1 × 10 A
V =	I(R+r R+r	
	<u></u>	16 × 10 <sup>3</sup> - 11 × 10 <sup>3</sup> = 1.6 × 10 <sup>5</sup> J.



These	are NOT notes. They are a <u>visual aid(20%)</u> for a <u>verbal explanation(80%)</u> .
	DVa 36 = + (0.8/(3) + (0.2)(4) = + 3.2 valts
	$\Delta V_{5-59} = -(0.2)(4) - (0.8)(3) = -3.2 \text{ wold}$
	AVas (1)
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These are NOT r	notes. They a	re a <u>visual</u> <u>aid</u> (	20%) for a <u>vert</u>	oal explanation(80%	
Find The	current	Mongh	each N	ender.	
+101	252 	T +50 p	T +8V	Model circu	
A +	86A 1.16	12/02	1255C	Loop Ru	le -
loop +	N22 10 - 2I,	+5 -10	DI + 10I2	$-2I_1=0$	
loup	-14 <sub>I</sub> ,	+1072	¥ -12		
1	2-8- Ioil+ [	VALUE NO. 10 PAGE 1	DV102 2 = 13	7 - 5 = 0	
	=> _J_	= -15	+14 <u>I1</u>		
	the Restrict IS Too		22,5=1		
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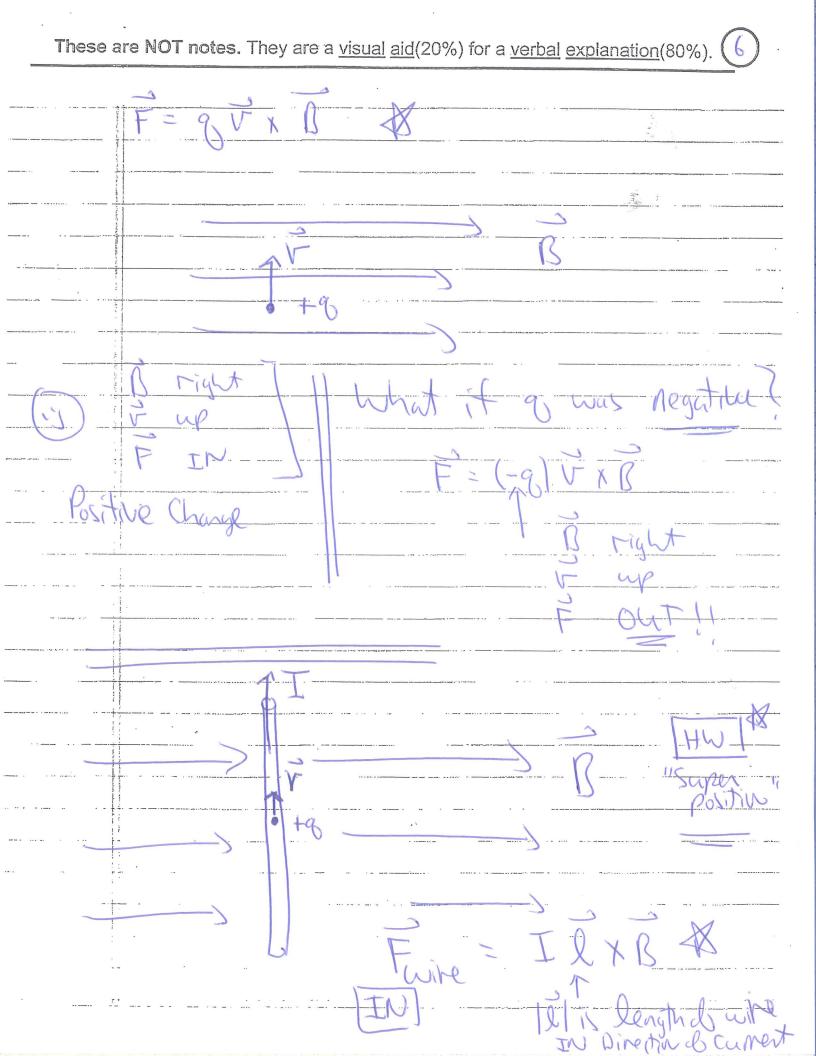
1	T2 = -	-15 +14 I		0.7	20	(	7
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These are NOT notes. They are a <u>visual aid(20%)</u> for a <u>verbal explanation(80%)</u> .
Ch.27/28 Magnetism
"Electricity + Magnetism" =) (3) Always apair?
All currents create maynetic fields.  All maynetic fields are created by currents (*)
Aside: "Grantational Field" -> A mass in a space so'disturbed experience
"Electric Field" > A charge 3
"Magnetic Field" -) A magnet (5)
AND a moving charge experiences a furkle in a direction that is perpendicular to its motion (velaity)
Magnetic Field, B toola (T) SI,  gauss (G)  H F = gV x B
Velacty
VXB is a "vector cross product" (Chil)

These ar	e NOT notes. They are a <u>visual aid(20%)</u> for a <u>verbal</u> <u>explanation(80%)</u> .
11.	B= Bxi + Byj + Bzic
The state of the s	VX R= +2   VX VY VZ   B B
, ,	Bx By Bz -1 Ux Vz
	TR VX Vy L
	$\nabla \times B = + c \left( V_y R_z - B_y V_z \right)$
	- 1 (VxBz - BxVz) + 1c (VxBy - BxVy)
And the second s	is I to BOTH it and B
F	go xB W expension by minors
	PIFI: AlvillB SIND ID ST W direction assigned by a "right hand rule."

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These are NOT notes. They are a visual aid(20%) for a verbal explanation(80%). ionventin



These are NOT notes. They are a <u>visual aid(20%)</u> for a <u>verbal explanation(80%)</u>. aris ~ 1800 wire carrying q z mpezics free spall I=tw A The magnitu charge - Smotest

These are NOT notes. They are a visual aid(20%) for a verbal explanation(80%).