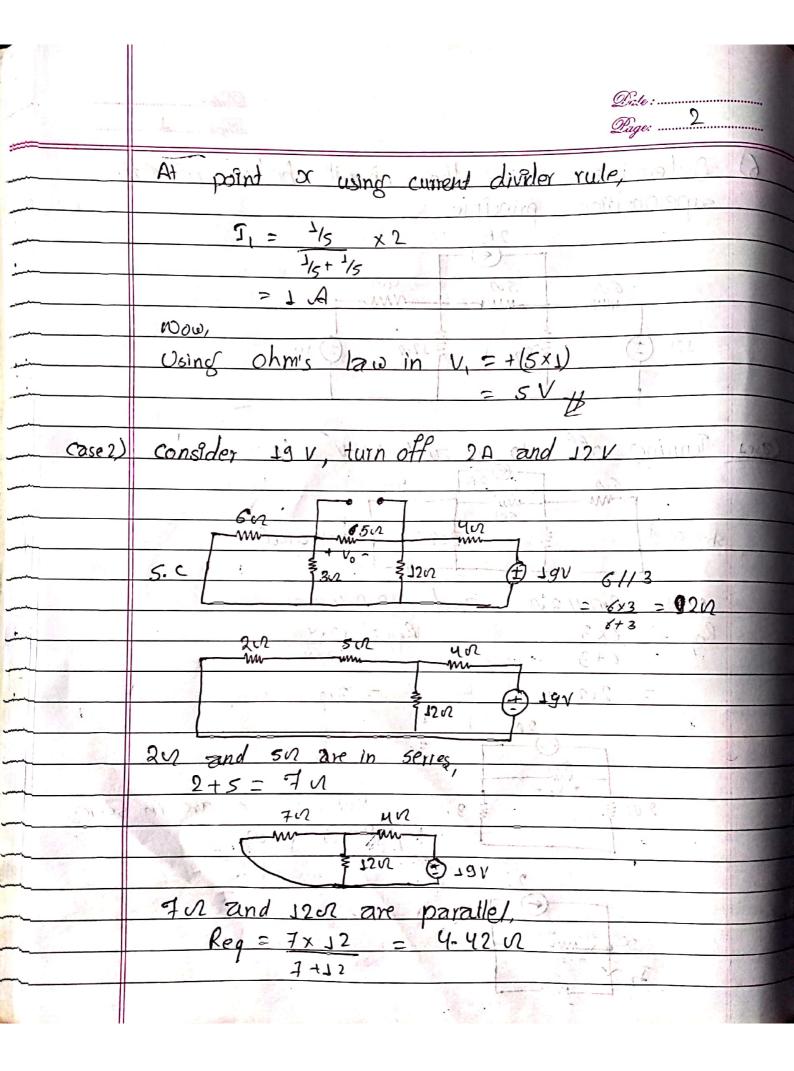
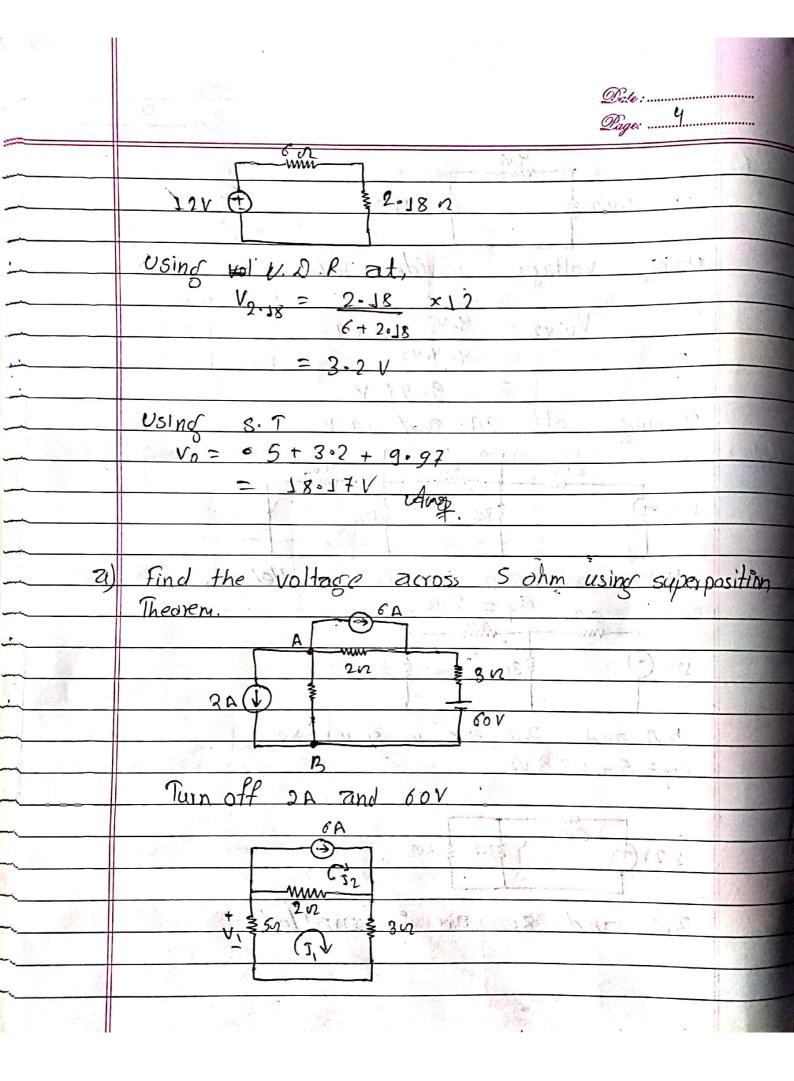
		Date: Page:	
6)	Determine to in the circuit belo	ow using the	
	superposition principle		
	2A (* 3) =	12	
		i i	
	60 50 YO	i.	
	3	1000	
	12V (±) \$32 \$120 (±) 19V	> mill	
Cases	Turning off 12 V and 10 V	of moreleter	(35
	CO PAR HO		
	The true to the tr		
	short circuit = 3-1 = 121 short circuit	4:1-9	
	the state of the s	5.6	
<u>⊯</u> 1	NOW, 601/30 and 1201/402		
1.		^	
	Reg = 6x3 Reg = 12x4	777	1
	= 2000000000000000000000000000000000000		1
3	20		n i e
	507 30 0 18 003	him of the	
	****	- > - 2 - 10	
1	20 \$ \$30 Lon and 3	a are in seri	es,
	leg=2+3=50	R1 #	
	2 A		
§	CONSISCION SON SECTION	and with the	
	$x = \frac{\sum_{i} m_{i} s_{i}}{\sum_{i} \sum_{j} \sum_{i} \sum_{j} \sum_{i} \sum_{j} \sum_{$	Perk	
	+ V2 -		
	In to so		



	Date:	
	402	
	4.42 \$ 19V	
	Using voltage divider rule,	
	7 4 40	1
	V4.42 = 7.42 x 19	
	4+ 4.42	<u>4</u>
•	= 9.97 V	7
	Turning off 2A and 19 V	' i
	602 302 U.02	
	1 + Vo - 1	
	12 V (±) 312n	
	40 and 120 are in parallel so,	(8
	40 and 120 are in parallel so, $Req = 300 \text{ H}$	
	mu frim	
	12V (+) \$300 \$300	
	L DAC	
	51 and 31 are in series so,	
	Req = 5 + 3 = 8 12	1
	Turn of the real	
	62	
_	12V = \$312 \$812	
lace.	- www	
9.4	30 and 80 are in parallel	1 5
		<u>.</u> (80).
36		



	Date:
	SIZ=6A mot has A? He sur himm
	using kul in mesh 1
	$-3I_1 - 2(I_1 - I_2) - V_1 = 0$
- 8	$V_1 + 2(I_1 + 6) + 3I_1 = 0$
	$T_1 = -1 \cdot 2 A$
	Using ohmis law,
	$V_1 = + I_1 \times 5$
	$= -6V \qquad \text{N} = \text{SeC} - \text{Col}$
	considering only sov and turn off 6A and 2A
	0.0
	The state of the s
	200 \$300
	0.0 0 V2 \$500
-	500 T 60V
	Nool vo loul
	Applying kvl , -5I + 60 - 3J - 2J = 0
	-10I = -60
	I = 6A
	Using shm's law,
	V, = I x 5 02 1 x 2 . C
	$=6\times5$
	50 V 100 M 100 100 100 100 100 100 100 100 1
	VtcV+iV-V
)	

1. 1.7.1

