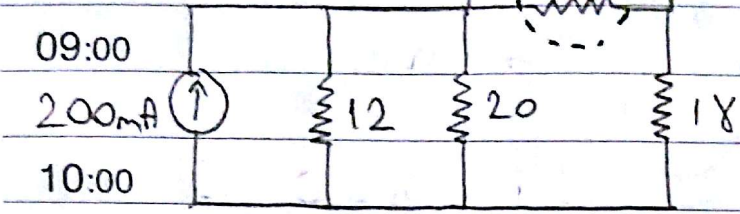
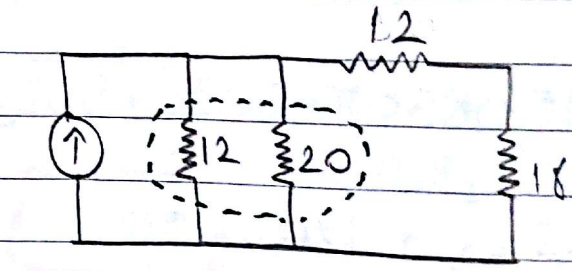
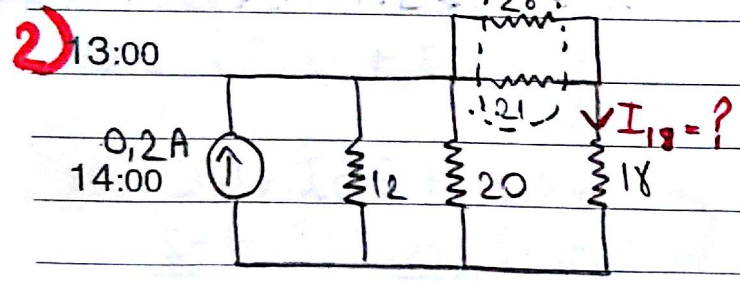


1) 08:00 $\frac{28 \cdot 21}{49} = 12$ $12 + 18 = 30$



11:00 $6 \times 0,2 = 1,2V$

12:00 $P_I = I \cdot V = 0,24W$



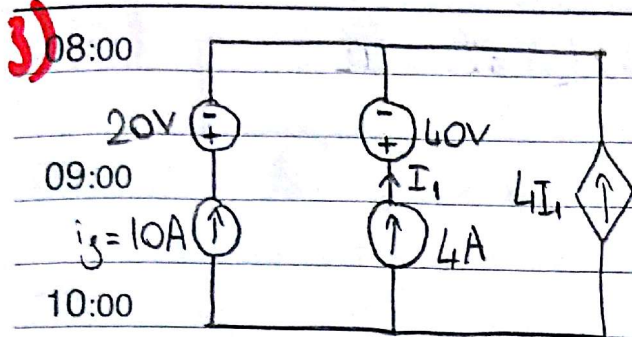
15:00 $\frac{12 \cdot 20}{32} = 7,5 \Omega$

16:00 $17,5 \times 0,2 = 1,5V$

18:00 $37,5 I_{18} = 1,5$

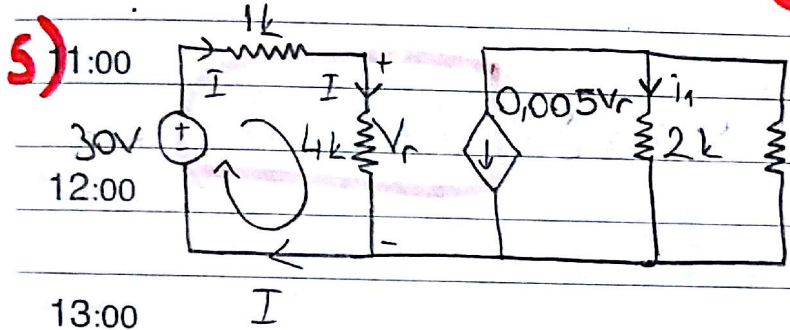
19:00 $I_{18} = 0,04A = 40mA$





$I_1 = 4A$
 $4I_1 = 16A$

$P_B = I \cdot V = 16 \cdot 50 = 800W$



$1000I + 4000I = 30$

$I = 6mA$

$V_r = 4000 \cdot 0,006 = 24V$

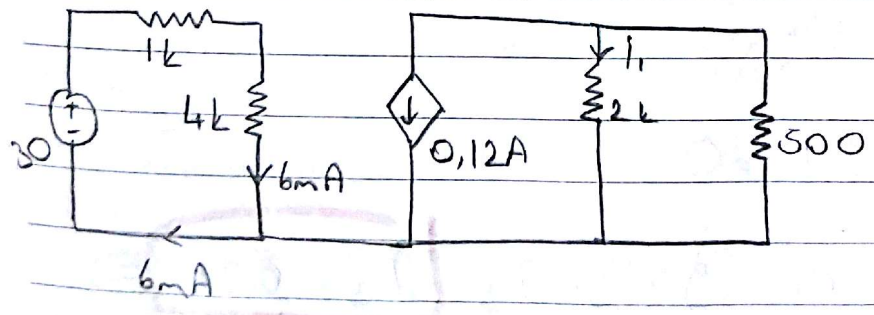
	Pt.	So	Ca	Pe	Cu	Ct.	Pz.
Mo.	Tue.	We.	Thu.	Fri.	Sat.	Sun.	
3	4	5	6	7	1	2	
10	11	12	13	14	15	16	
17	18	19	20	21	22	23	
24	25	26	27	28	29	30	
31							

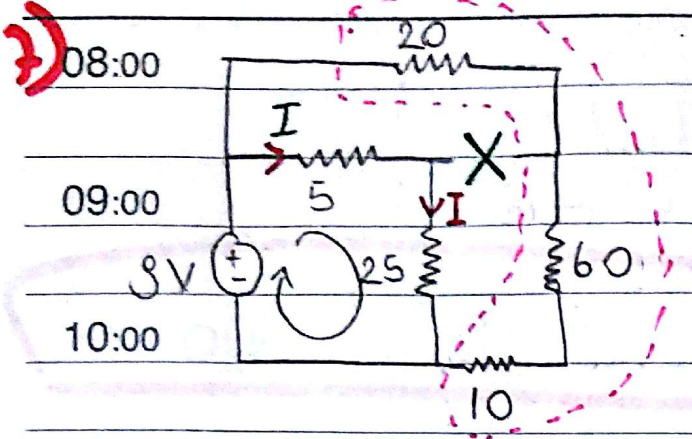
HAZIRAN
 June
 Juin
 June
 ИЮНЬ

Pazar
 Sunday
 Dimanche
 Sonntag
 ВОСКРЕСЕНЬЕ

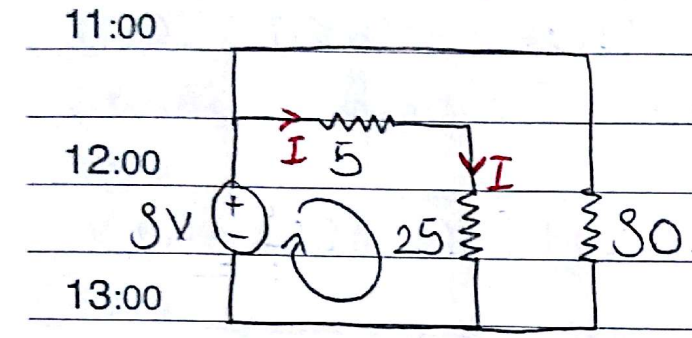
25

$0,005 \cdot 24 = 0,12A$

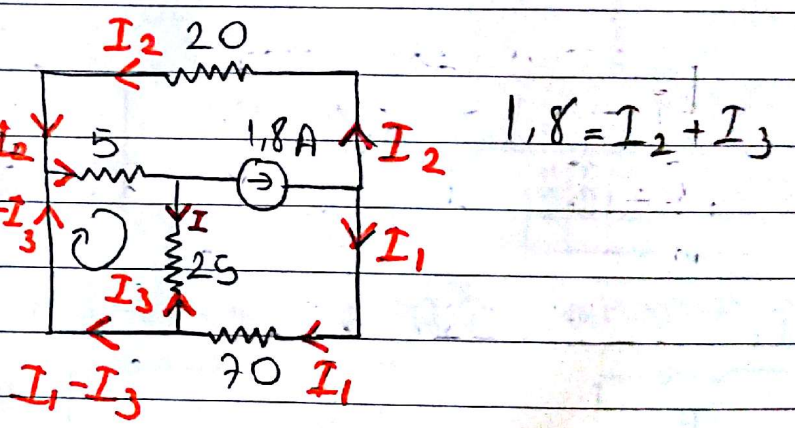
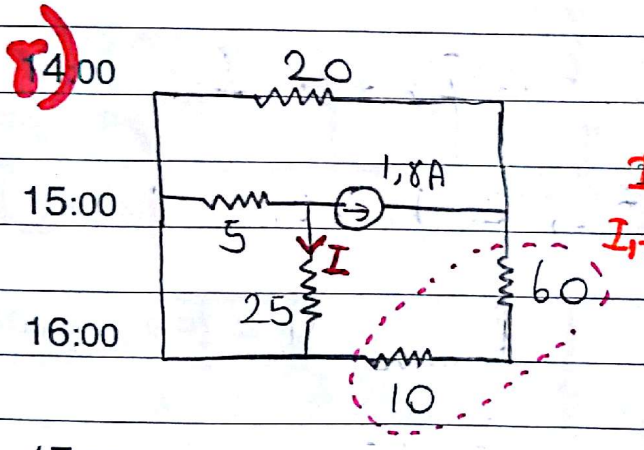




$20 + 60 + 10 = 90 \Omega$



$30I = 9$ $I = 0,3 A$

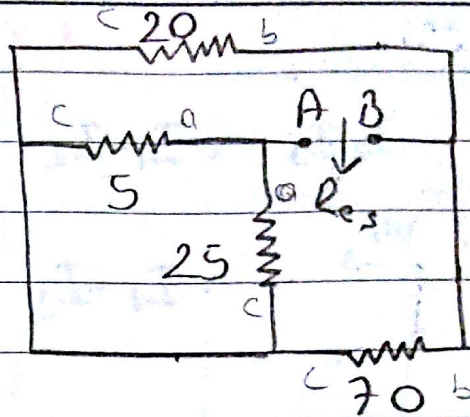
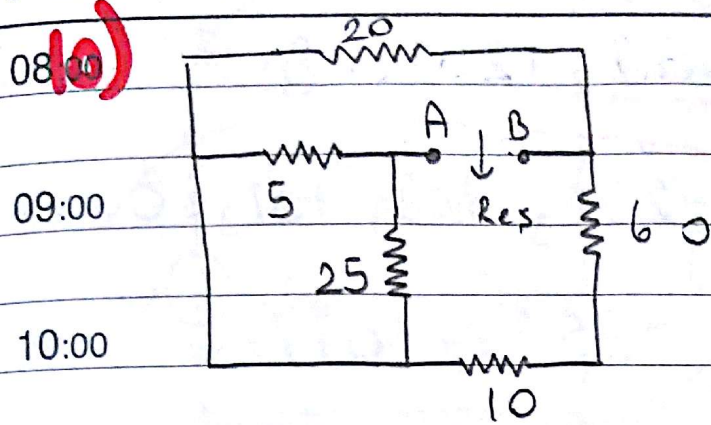


$5(I_1 - I_3 + I_2) - 25I_3 = 0$

$5I_1 + 5I_2 - 30I_3 = 0$ $9 = 30I_3$ $I_3 = 0,3 A$ \Rightarrow

$I = -0,3$ olur çünkü I_3 ile zıt yöntü

$0,3 + (-0,3) = 0 A$ olur

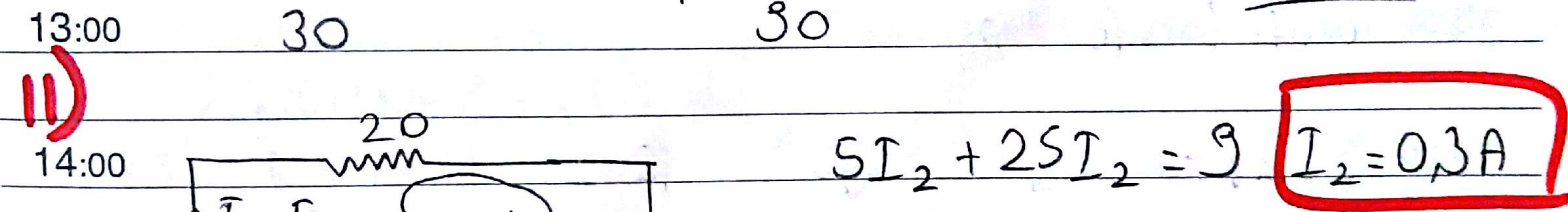


10:00

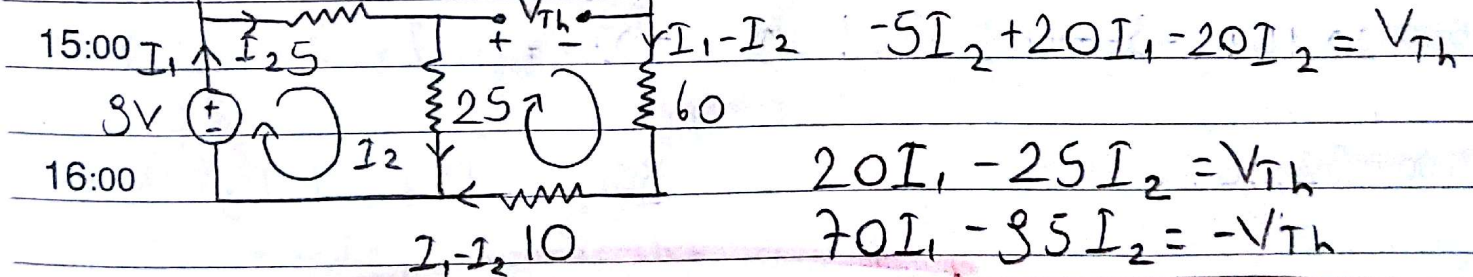
11:00 5 ile 25 paralel > birbirine seri
20 ile 70 paralel

12:00

$$\frac{5 \cdot 25}{30} = 4,16 \Omega + \frac{20 \cdot 70}{30} = 15,55 \Omega \Rightarrow \underline{\underline{19,7 \Omega}}$$



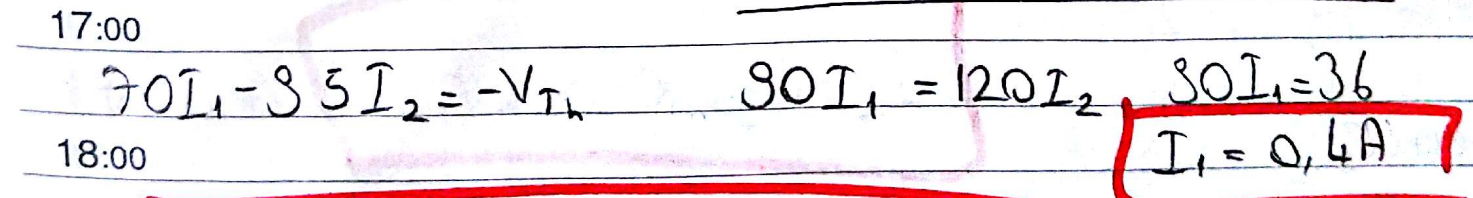
$$5I_2 + 25I_2 = 9 \quad I_2 = 0,3A$$



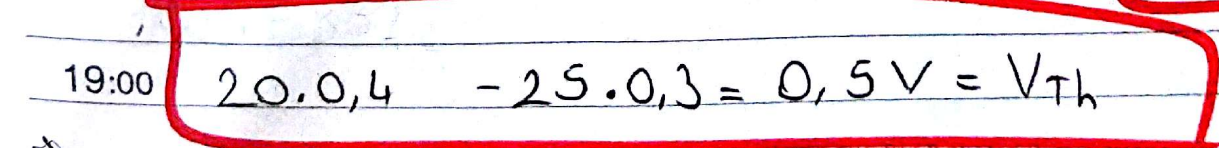
$$-5I_2 + 20I_1 - 20I_2 = V_{Th}$$

$$20I_1 - 25I_2 = V_{Th}$$

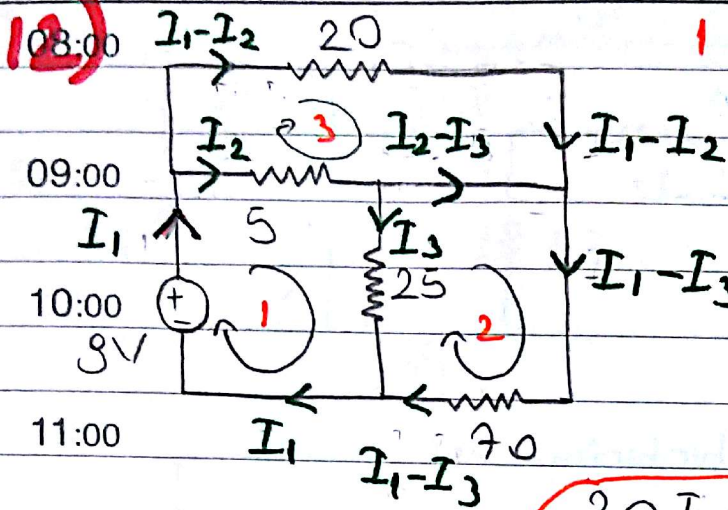
$$70I_1 - 35I_2 = -V_{Th}$$



$$70I_1 - 35I_2 = -V_{Th} \quad 30I_1 = 120I_2 \quad 30I_1 = 36 \quad I_1 = 0,4A$$



$$20 \cdot 0,4 - 25 \cdot 0,3 = 0,5V = V_{Th}$$



$$5 \cdot I_2 + 25 I_3 = 9 \quad 1$$

$$-25 I_3 + 70 I_1 - 70 I_3 = 0$$

$$-35 I_3 + 70 I_1 = 0$$

$$20 I_1 - 20 I_2 - 5 I_2 = 0 \quad 2$$

$$20 I_1 - 25 I_2 = 0 \quad 3$$

13:00 Taraf Tarafa toplarsak

$$30 I_1 - 20 I_2 - 70 I_3 = 9$$

$$\begin{aligned} 5 I_2 &= 9 - 25 I_3 \\ 20 I_2 &= 36 - 100 I_3 \end{aligned}$$

$$122,14 I_3 - 36 + 100 I_3 - 70 I_3 = 9 \quad 70 I_1 = 35 I_3 \quad I_1 = \frac{35}{70} I_3$$

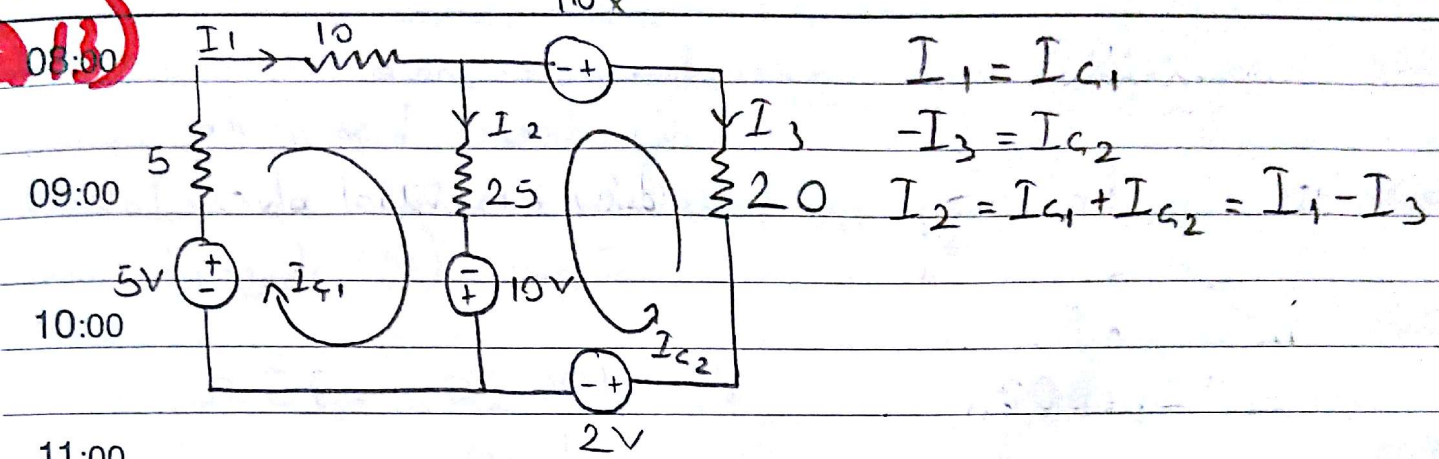
$$152,14 I_3 = 45 \quad 30 I_1 = 122,14 I_3$$

$$17:00 \quad I_3 = 0,296 \text{ A}$$

$$I_2 - I_3 = 0,024 \text{ A}$$

$$18:00 \quad I_2 = 0,32 \text{ A}$$

19:00



$$5 \cdot I_{c1} + 10 \cdot I_{c1} + 25 I_{c1} + 25 I_{c2} - 10 - 5 = 0$$

$$12:00 \quad 40 I_{c1} + 25 I_{c2} = 15 \Rightarrow 8 I_{c1} + 5 I_{c2} = 3$$

$$13:00 \quad +10 + 25 I_{c1} + 25 I_{c2} - 10 - 2 + 20 I_{c2} = 0$$

$$25 I_{c1} + 45 I_{c2} = 2$$

$$14:00 \quad -9 / 8 I_{c1} + 5 I_{c2} = 3$$

$$15:00 \quad -47 I_{c1} = -25 \quad I_{c1} = 0,531 A$$

$$16:00 \quad 14) \quad 25 I_{c1} + 45 I_{c2} = 2 \quad 45 I_{c2} = -11,275 \quad I_{c2} = -0,251 A$$

17:00

15) 10 V'luk gerilim kaynağında I_2 akımı geçer

18:00

$$I_2 = I_{c1} + I_{c2} = 0,28 A \quad P = I \cdot V = 0,28 \cdot 10 = 2,8 W$$

19:00