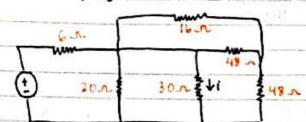
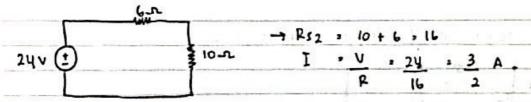
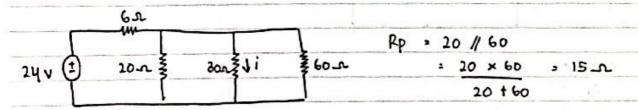
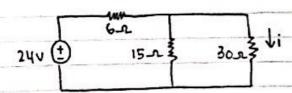
- D. a. Tent. nilai arur i
 - c. / tegangan & arus di lin



- > 2p1 . 16 x 48 , 12.0
- 7 Psi + Fpi + 48 -12 +48 = 60-1
- > Ppz , psi // 30 ~ // 20 ~
 - . 60 × 30 × 20
 - 60 x 30 + 60 x 20 + 30 x 20
 - 2 10 T



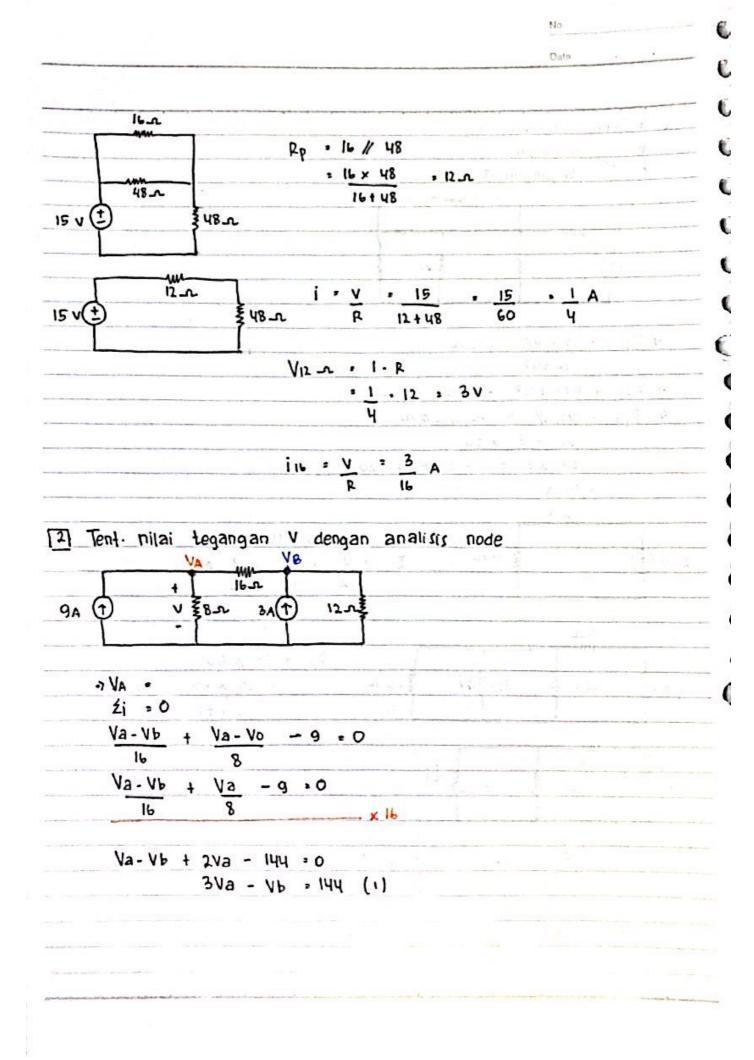




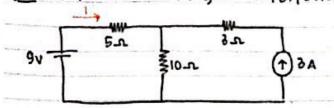
1

$$i = \frac{15}{15 + 30}$$
 . itot = $\frac{15}{45} \cdot \frac{3}{2} = \frac{1}{2}$ A

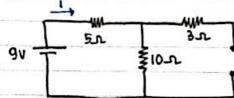
$$V = i \cdot R = \frac{1}{2} \cdot 30 = 15 \text{ V}$$



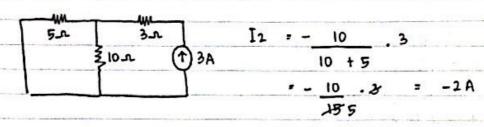
No.



(a) Ketka 9V on, maka 3A off



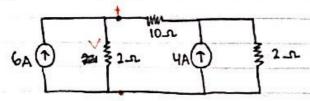
(b) Ketika 3A on, maka 9v off



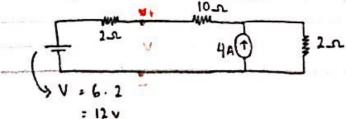
$$\frac{3}{5}$$
 I = I₁ + I₂ = $\frac{3}{5}$ + $\left(-\frac{10}{5}\right)$ = $-\frac{7}{5}$ A

THE TONY WEIGHTON BY WALLY

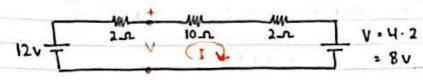
4. Tent tegangan V dengan transformasi sumber!



7 Tinjau sumber arus 6A, ubah menjadi sumber tegangan



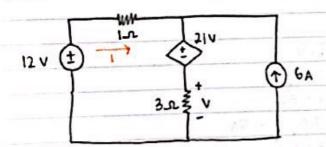
Tinjau aus sumber arus 4A, uban menjadi sumber tegangan



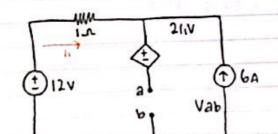
A KVL

Sehingga,

[5] Tent. nilai V dengan teorema thevenin!



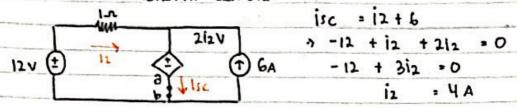
A beban lalu hubungannya menjadi · Lepaskan komponen open circuit



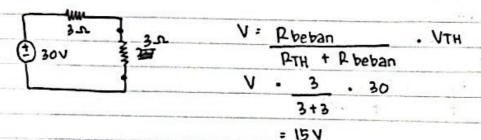
$$-2i_1 + (-i_1 \times 1) + 12 = -3i_1 + 12$$

 $-3(-6) + 12 = 30 \text{ V}$

Mencari PTH tidak bisa langsung dengan mematikan semua sumber karena terdapat sumber tak bebas seningga dicari nilai Isc terlebih dahulu.



? Rangkaian pengganti thevenin



Tent daya maks yg diserap PL!

