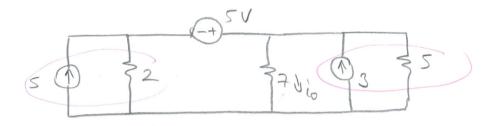
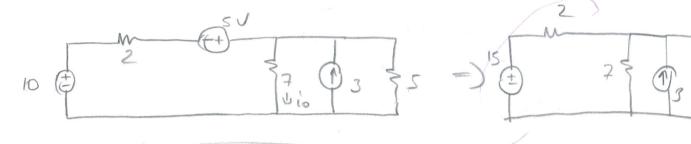


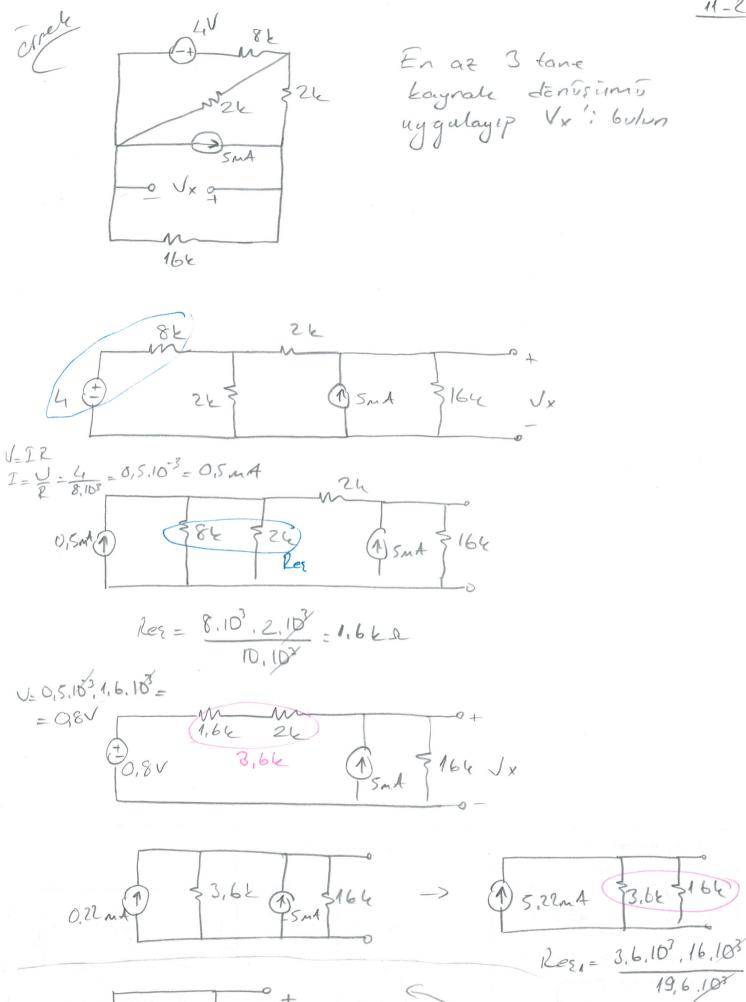
Kayrack donigimi, kullanarak







$$l_0 = \frac{15}{(1,42+7)} = 1,78 A$$



V=5.22,103,2,93.10=15,29V

= 2,93 62

3.4) Therenin ve Norton Enderen Deureleri 3.4.1) Therenn Exteger Devres: Karnasile og W=I.R

Karnasile og V=I.R

Moderne og V=I.R

Nort og V=I.R

Nort og V=I.R

Short 5 crell 5 25VE) 15 220 03A Uth ab usundan bakıldı Thevenun esder derrest d ab vou acik dette then gorinen gertim Val = VTh 25V (1) 20 (1) 34 UTW Dijsm analiz: $\frac{\sqrt{-25}}{5} + \frac{\sqrt{1}}{20} - 3 = 0$ 4V, -100 + V, = 60 5U1 = 160 U1=32V= VT4 ·) ab ucu kisa devre yapılıp okadan gegen alum Isc bulunur.

$$\frac{V_1 - 25}{5} + \frac{V_1}{20} - 3 + \frac{V_1}{4} = 0$$

$$4V_{1} - 100 + V_{1} + 5V_{1} = 60$$

$$10 U_1 = 160$$
 $U_1 = 16$

32(=) \$12 D2+ 57e

ab uglarından bakıldığında gönüren esdejer deviey: bulunuz. RL 6 ve 16 iten by direg ü zerinden gegen allimi bulunuz

32 P/2 P2A

$$\frac{\sqrt{1-32} + \sqrt{1}}{4} + \frac{\sqrt{1}}{12} - 2 = 0$$

$$3\sqrt{1-36} + \sqrt{1} = 24$$

$$4\sqrt{1=120}$$

$$\sqrt{1=300}$$

$$\sqrt{1} = 300$$

$$\frac{\sqrt{1-32}}{24} + \frac{\sqrt{1}}{12} - 2 + \frac{\sqrt{1}}{1} = 0$$

$$16 U_1 = 120$$

 $U_1 = 7.5V$ $I_{SC} = \frac{U_1}{1} = 7.5A$

R=6=)
$$\frac{\sqrt{\pi h}}{Res} = \frac{7}{4+6} = \frac{36}{4+6} = 34$$

ab valarından balcıldığında Görünen Theverin eşdejer devresini Giziniz

$$-72 + 5(i', -iz) + 20i, = 0$$

$$12iz + 8iz + 5(iz - i') = 0$$

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$$V_{20} = 3.20 = 60V$$
 $V_{8} = 0.6.8 = 4.8V$

$$\frac{\sqrt{1-72}+\sqrt{1}}{5}+\frac{\sqrt{1}}{20}+\frac{\sqrt{1}}{8}=0$$

$$8U_1 - 576 + 2U_1 + 5U_1 = 0$$

 $15U_1 = 576$
 $U_1 = 38,40$

$$I_1 = \frac{U_1 = 38.4}{8} = 4.18A$$

$$I_2 = \frac{72}{12} = 6A$$

