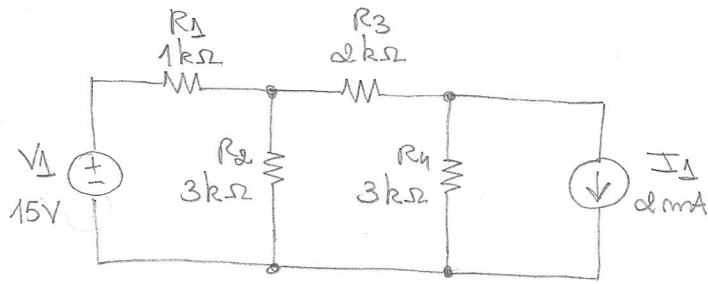
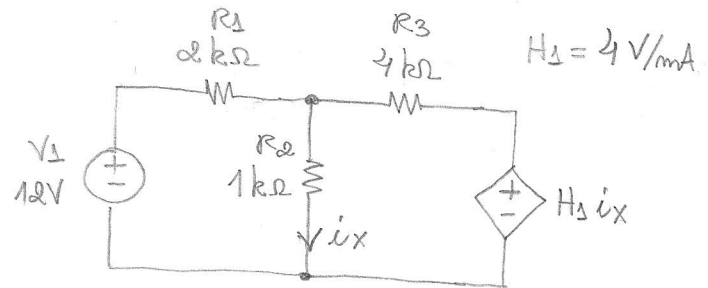


CIRCUITOS ELÉTRICOS I - 1ª LISTA

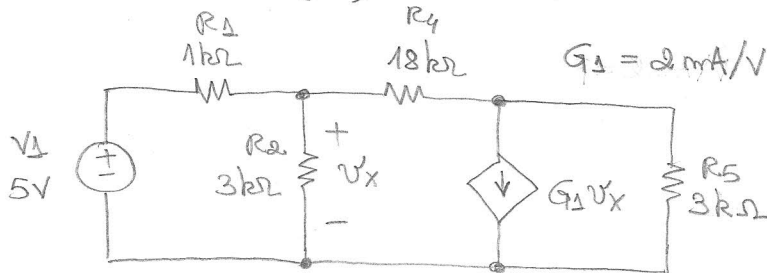
- ① NOS CIRCUITOS ABAIXO, CALCULE TODAS AS CORRENTES E TODAS AS TENSÕES DE RAMO USANDO, PARA ISSO, AS EQUAÇÕES DE KIRCHHOFF DE TENSÃO E DE CORRENTE E A LEI DE OHM.



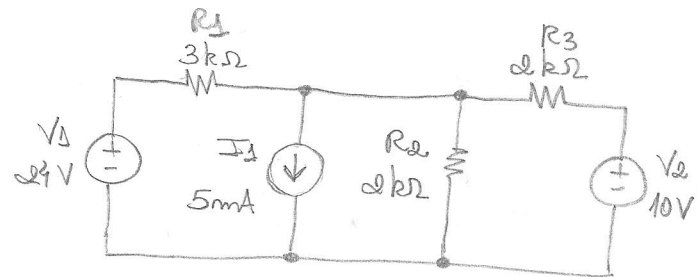
(a)



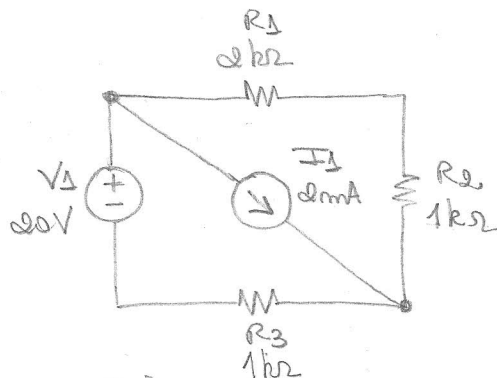
(b)



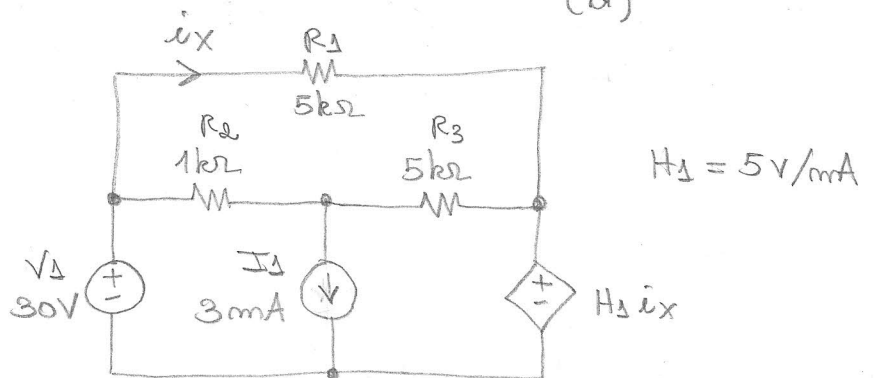
(c)



(d)

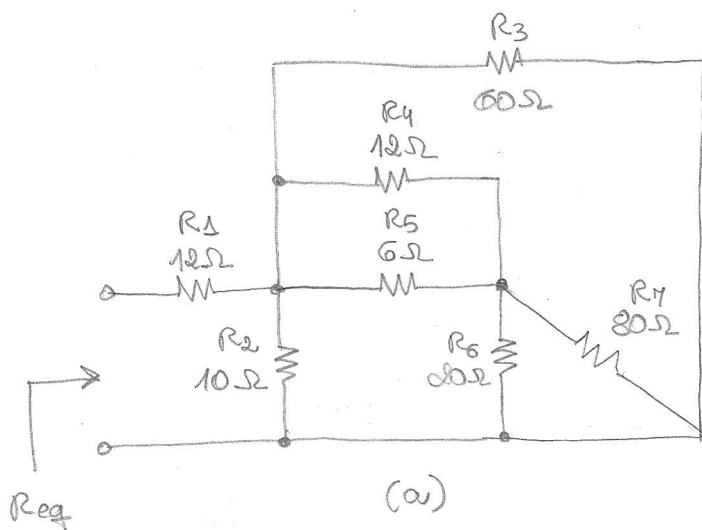


(e)

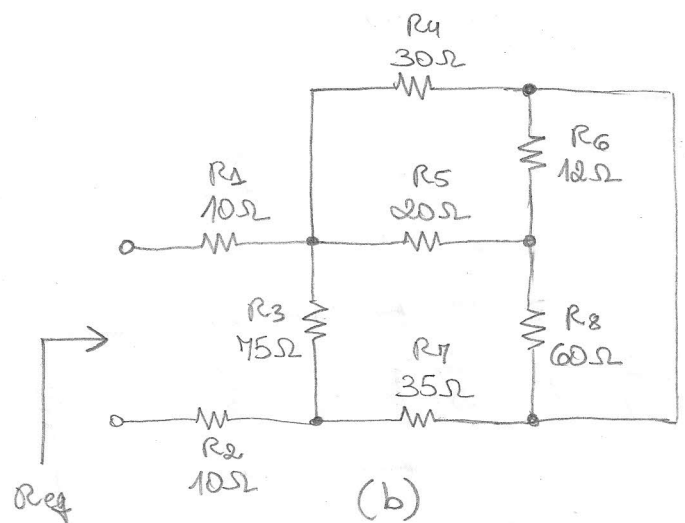


(f)

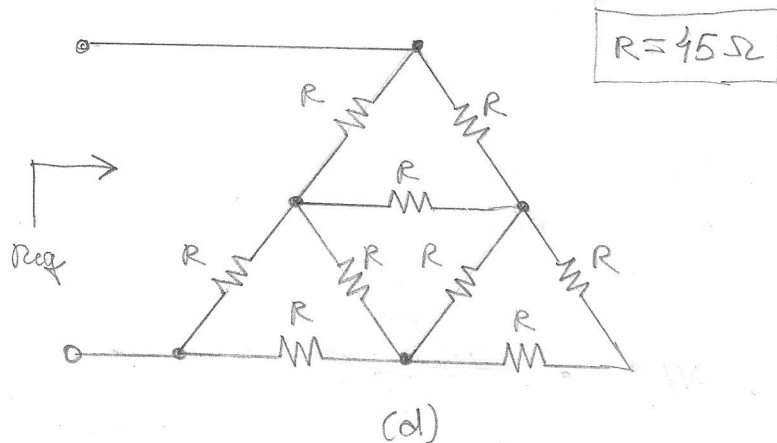
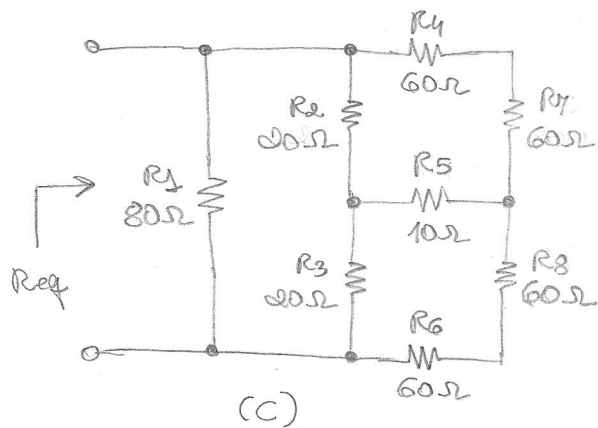
- ② CALCULE A RESISTÊNCIA EQUIVALENTE DOS CIRCUITOS ABAIXO:



(a)



(b)



3) NOS CIRCUITOS ABAIXO, CALCULE A VARIÁVEL DE SAÍDA INDICADA USANDO ASSOCIAÇÕES DE RESISTORES E DIVISORES DE TENSÃO E DE CORRENTE DA MANEIRA QUE LHE FOR MAIS ADEQUADA.

