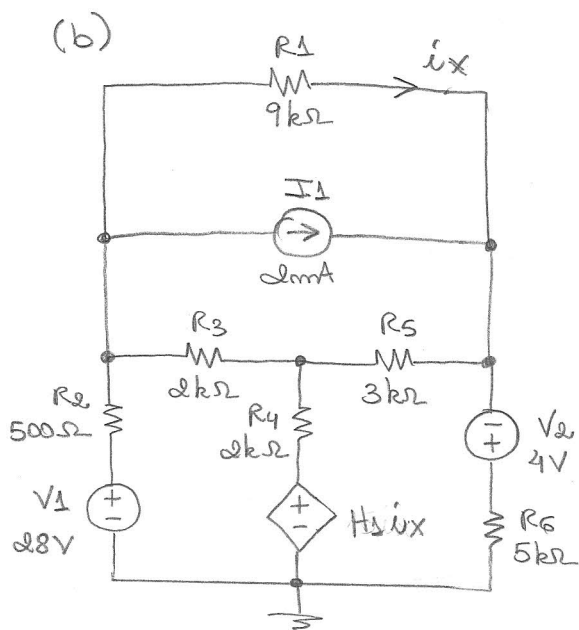
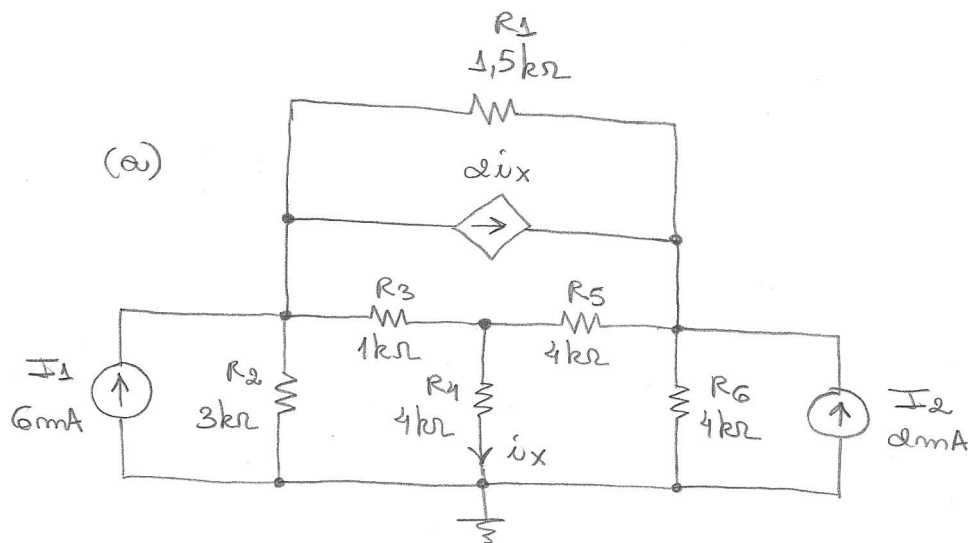


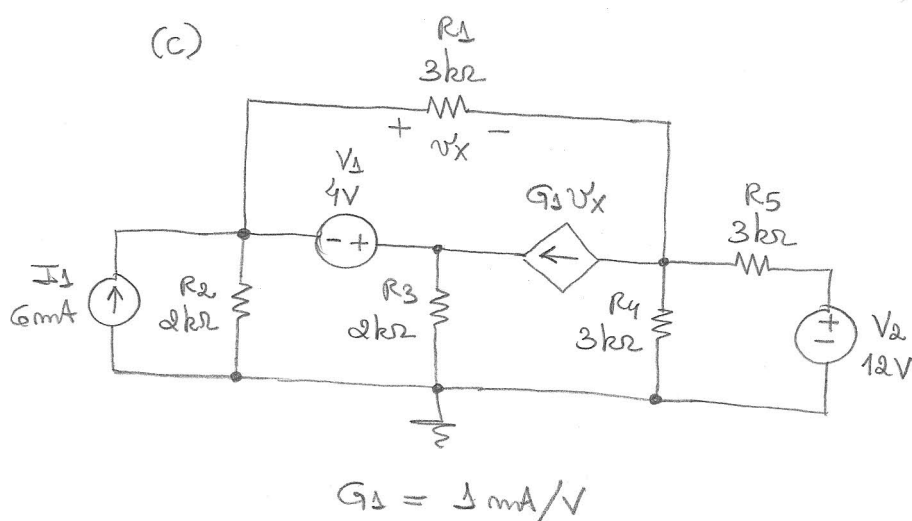
CÍRCUITOS ELÉTRICOS I - 3ª LISTA DE EXERCÍCIOS

1

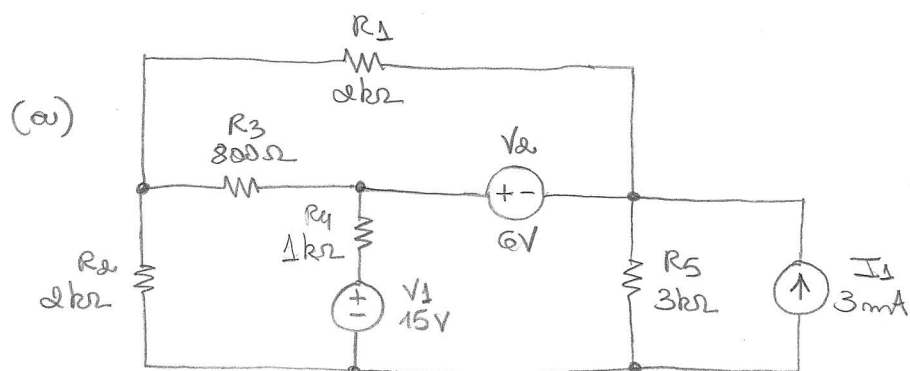
- 1 NOS CÍRCUITOS ABAIXO, CALCULE TODAS AS TENSÕES E CORRENTES DE RAMO USANDO A ANÁLISE NODAL.

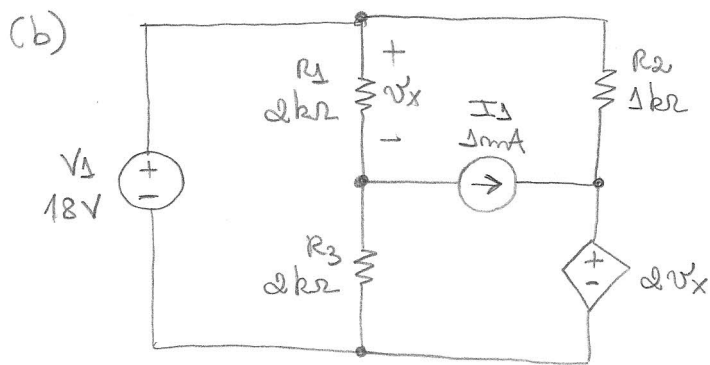


$$H_1 = 15 \text{ V/mA}$$



- 2 NOS CÍRCUITOS A SEGUIR, CALCULE TODAS AS TENSÕES E CORRENTES DE RAMO USANDO A ANÁLISE DE MALHAS.





3) ESCREVA, NA FORMA MATRICIAL, O SISTEMA NODAL MODIFICADO PARA OS CIRCUITOS ABAIXO.

