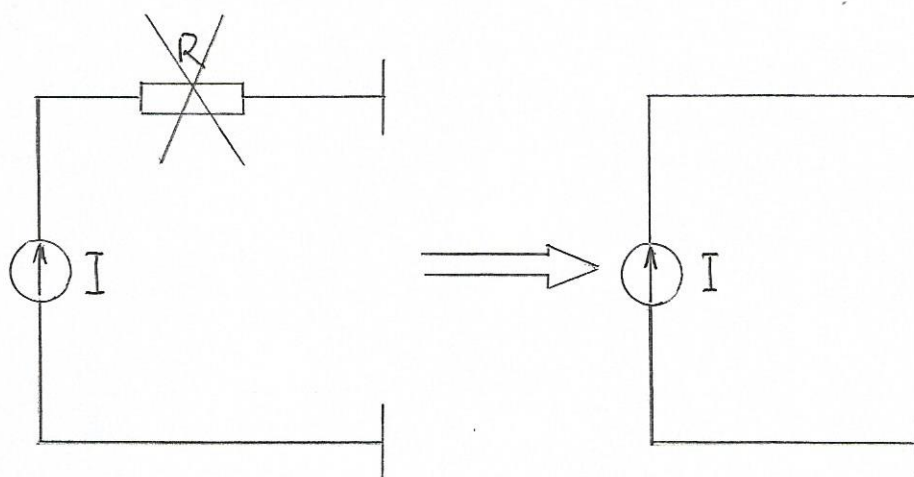
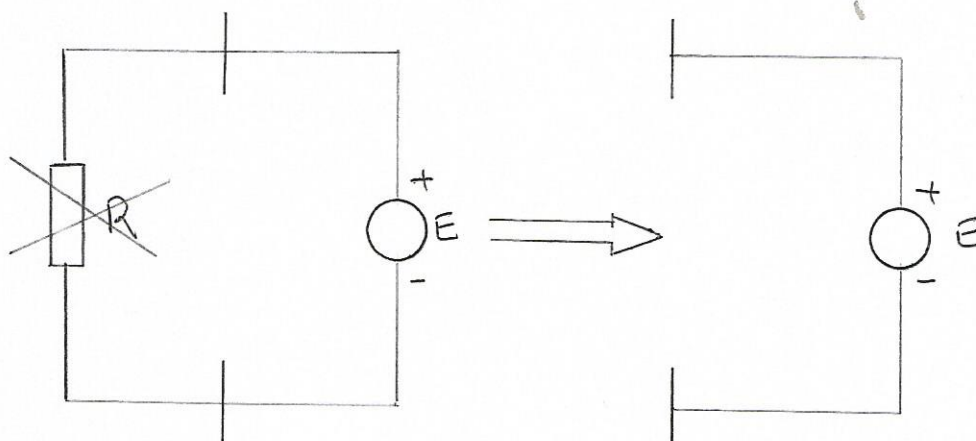
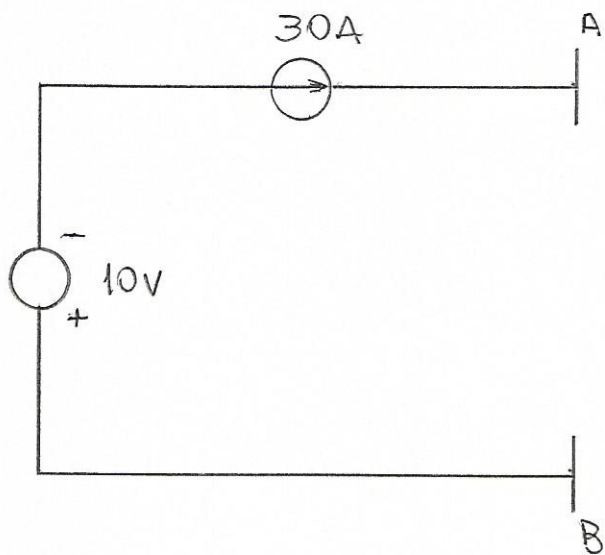
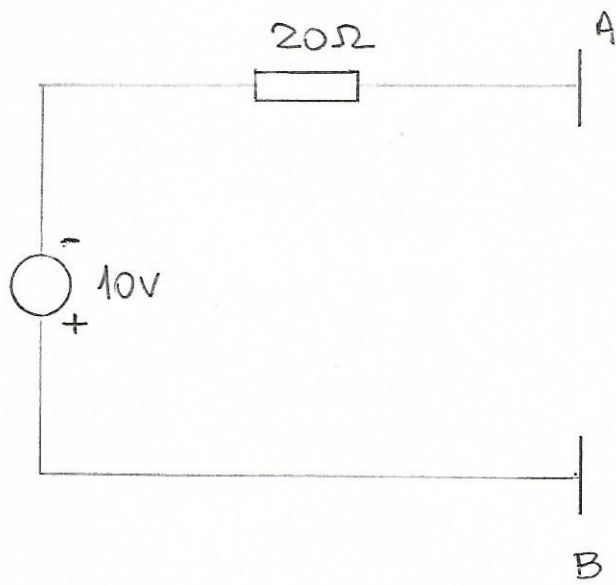
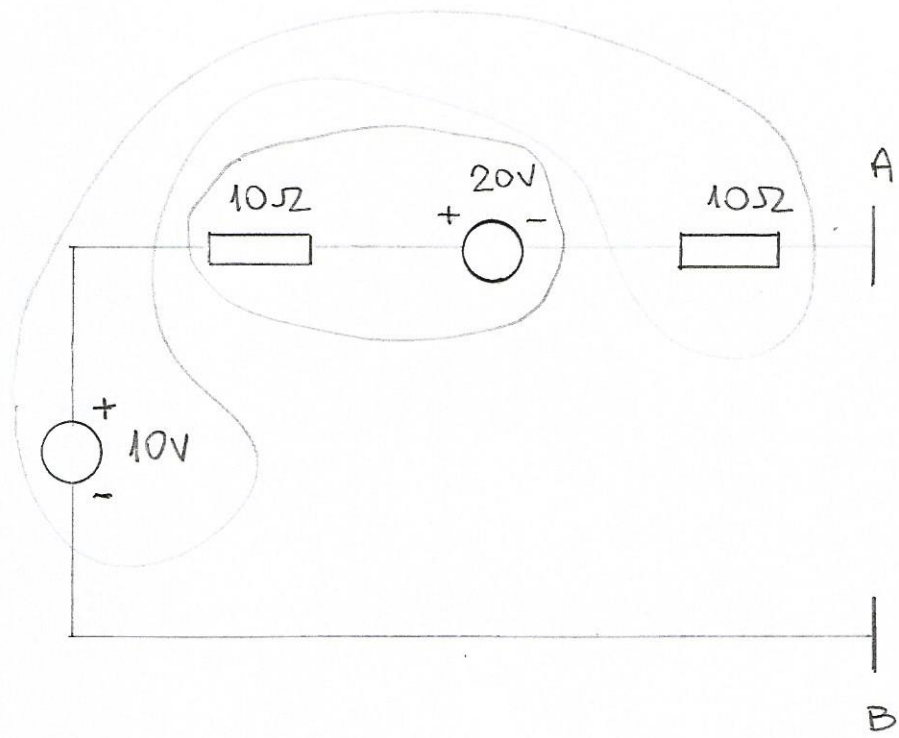


Resistor em série com gerador de corrente ideal pode ser representado no circuito

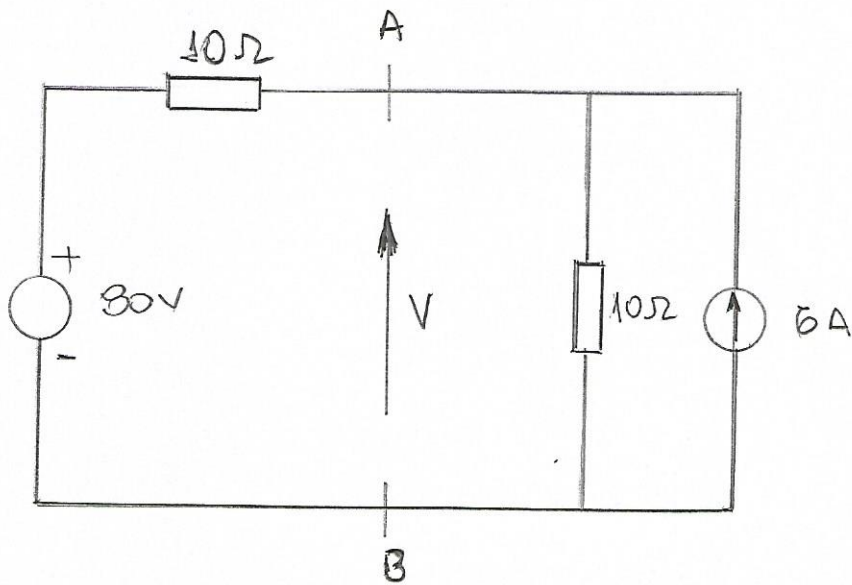


Resistor em paralelo com gerador de tensão ideal pode ser representado no circuito

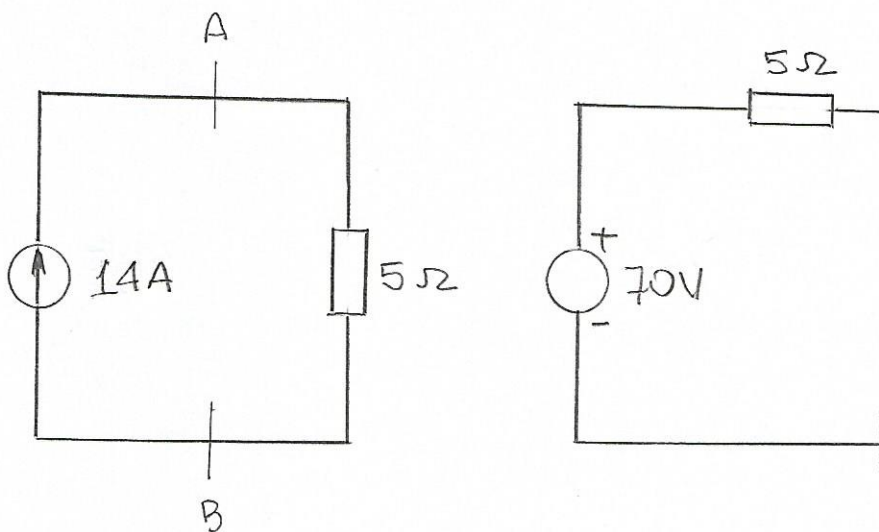
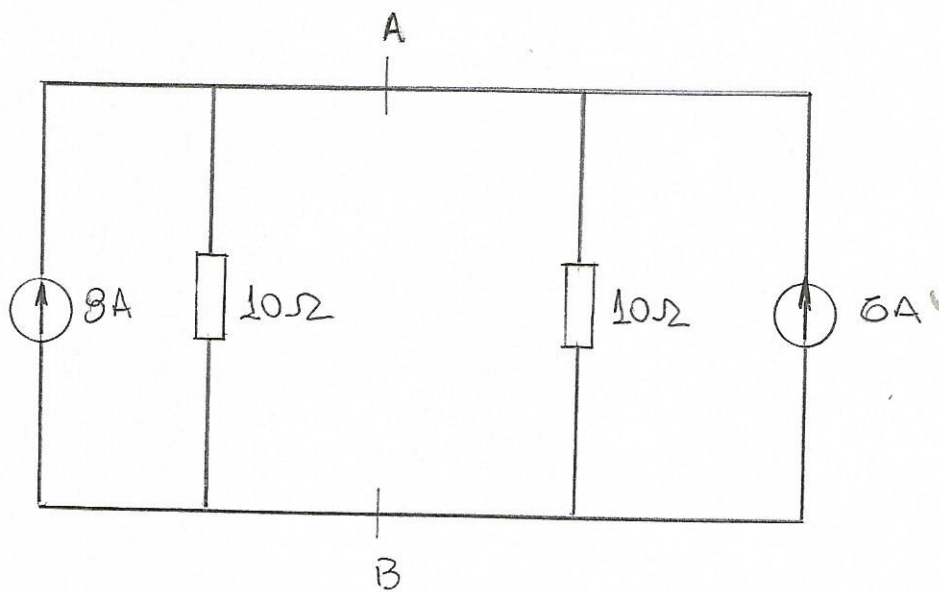




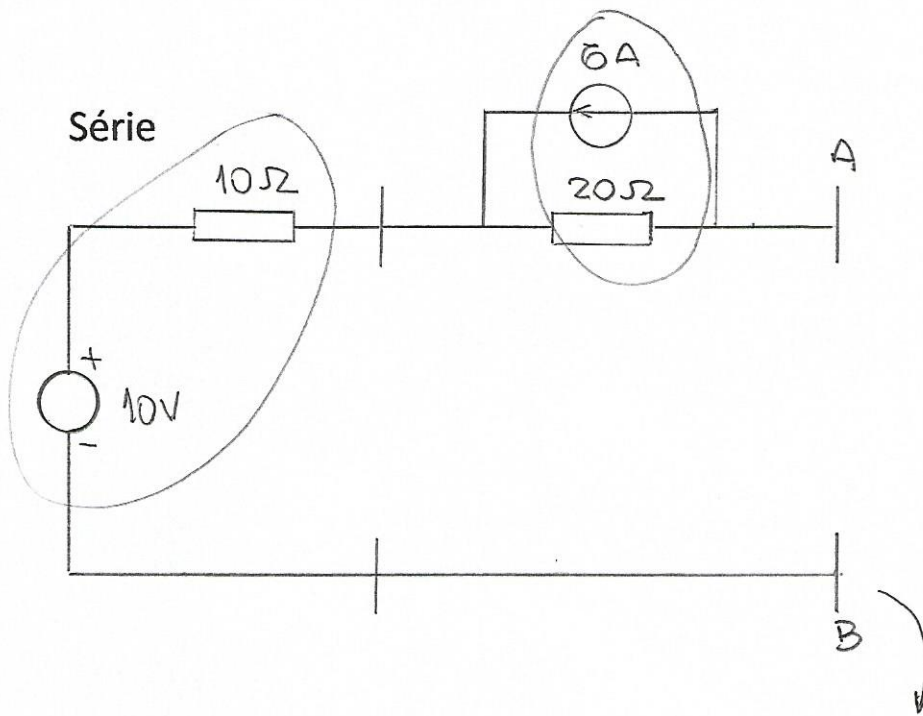
## Paralelo



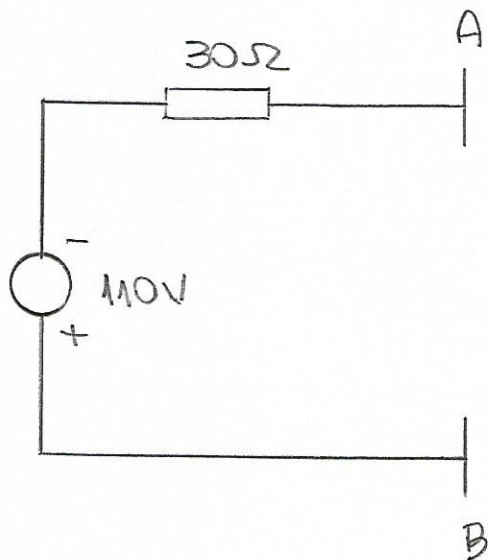
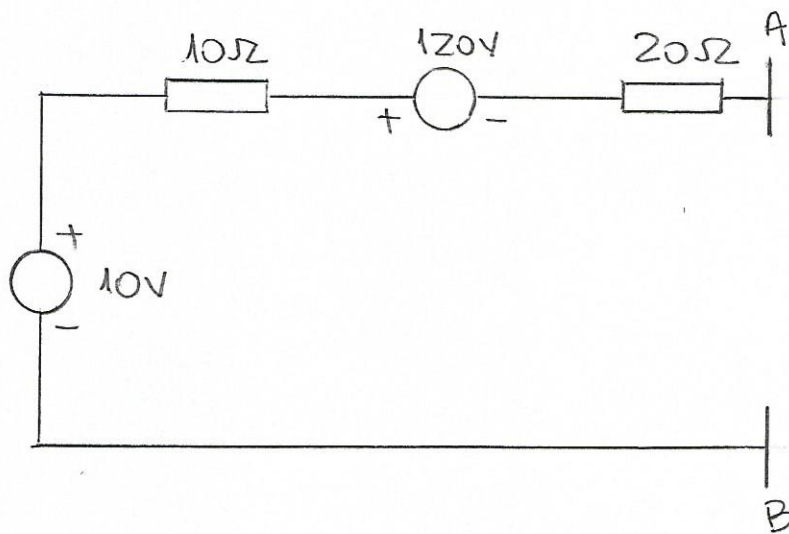
Transformar para gerador de corrente



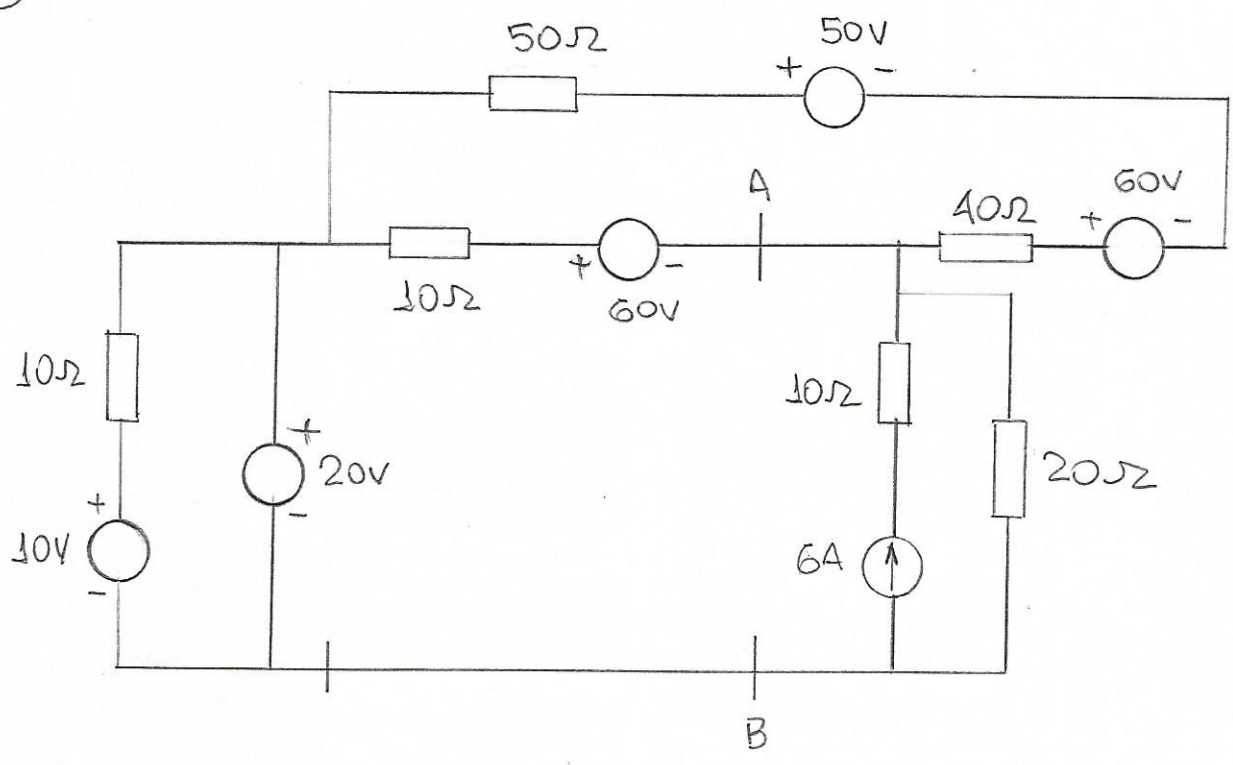
# Associação de fontes em série e paralelo



Transformar gerador de corrente  $\rightarrow$  gerador de tensão

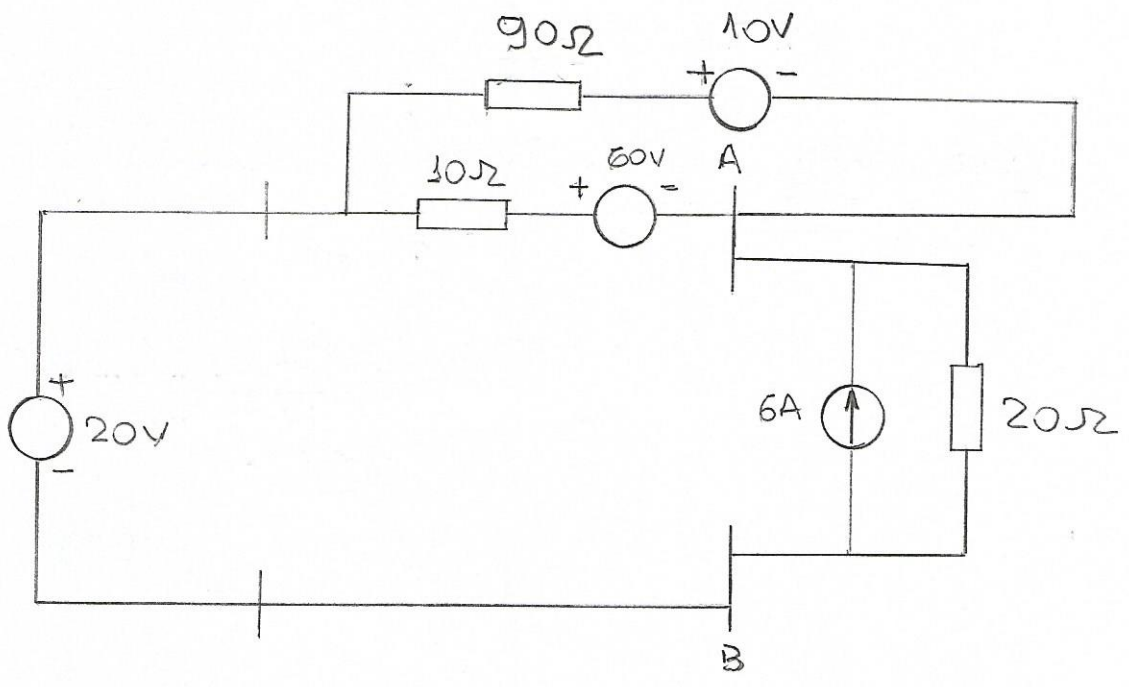


1

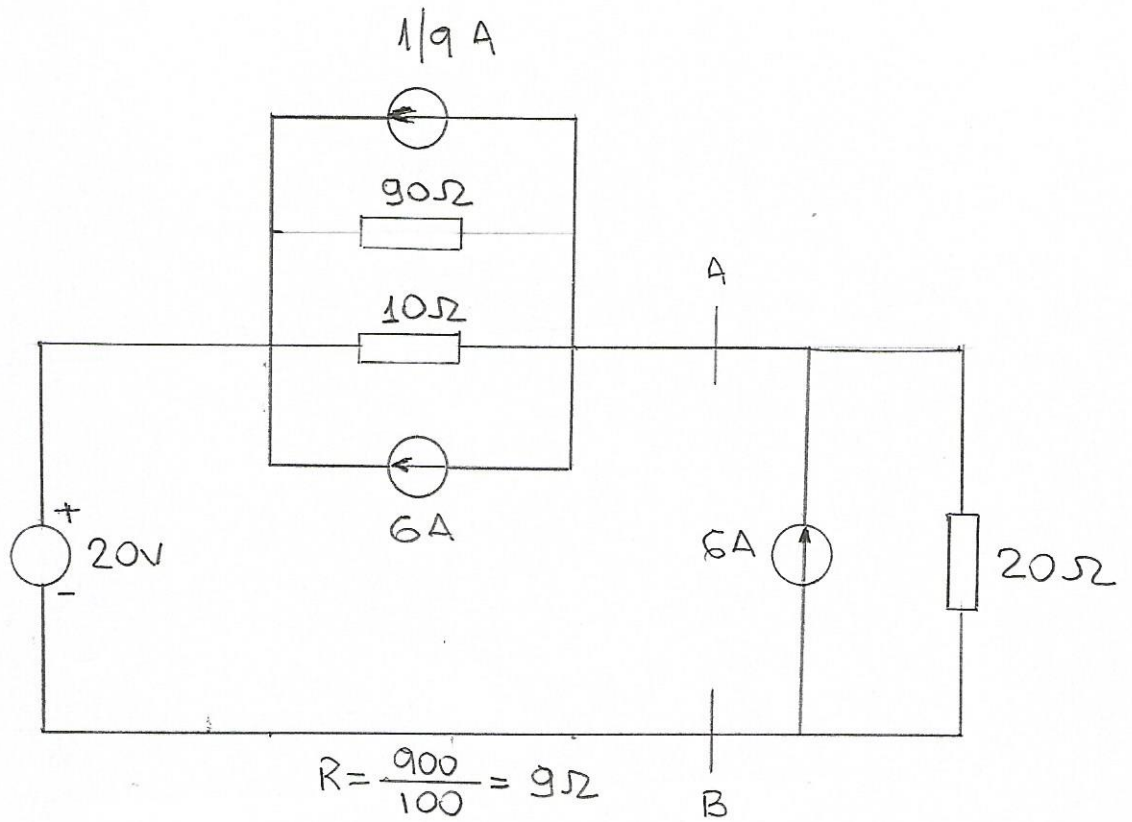


OBTEN O CIRCUITO VISTO POR A E B.

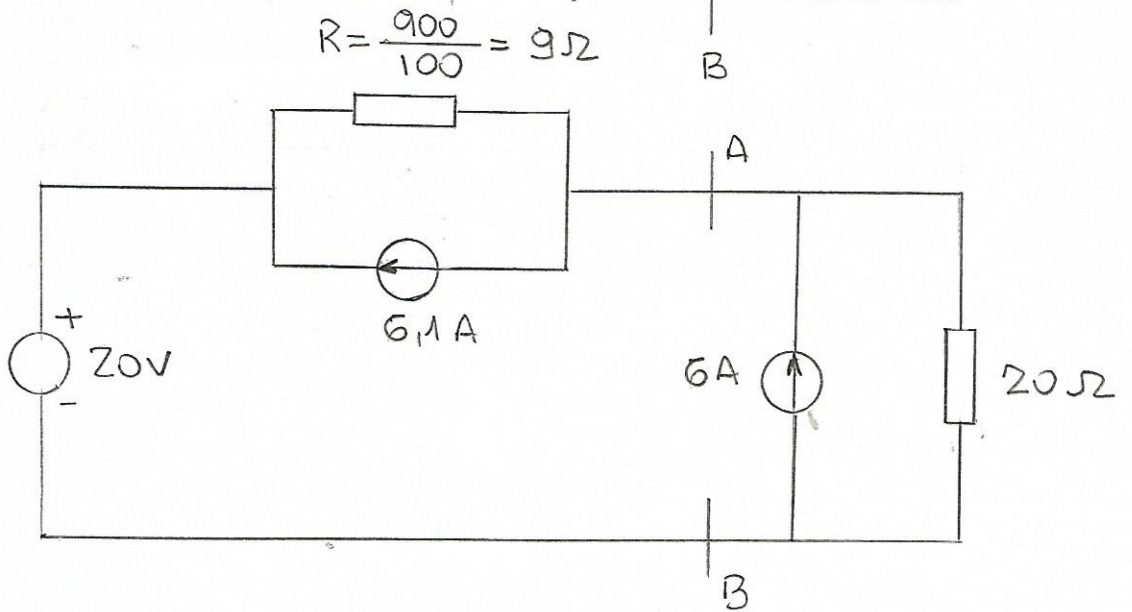
2



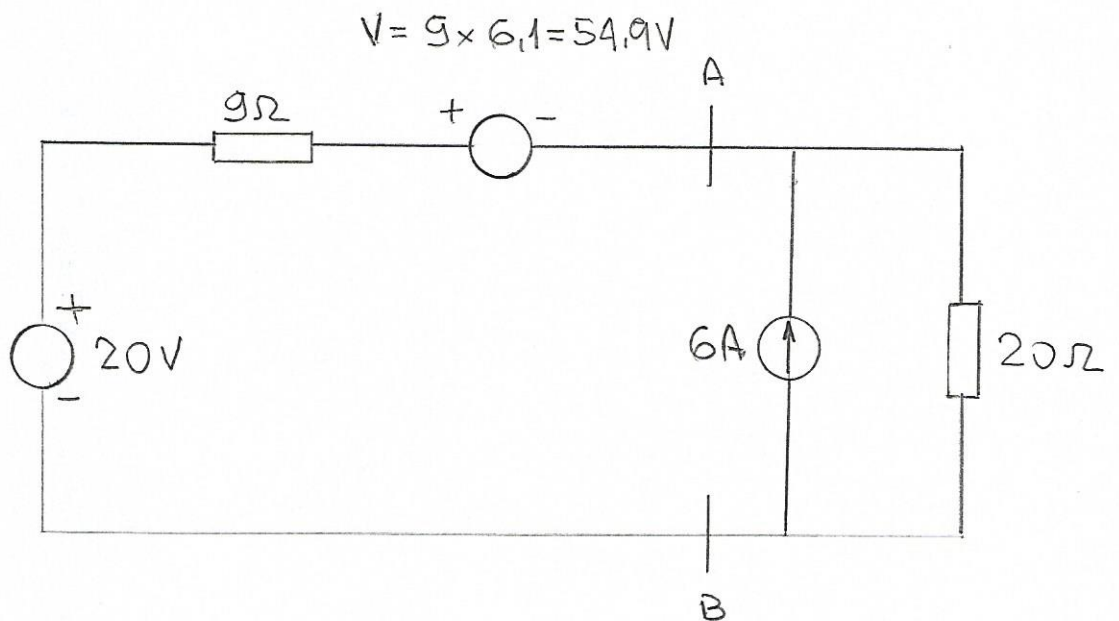
3



4

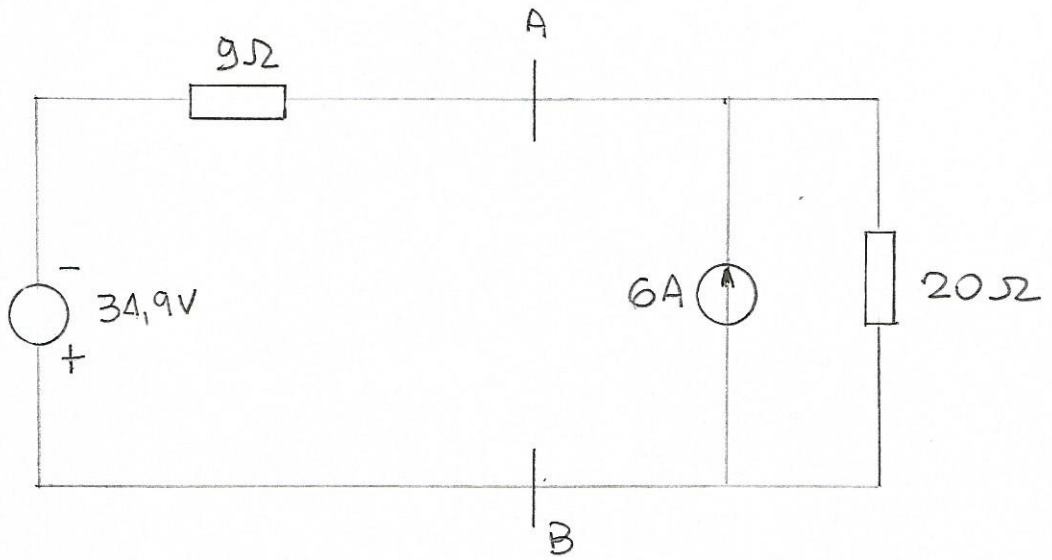


5



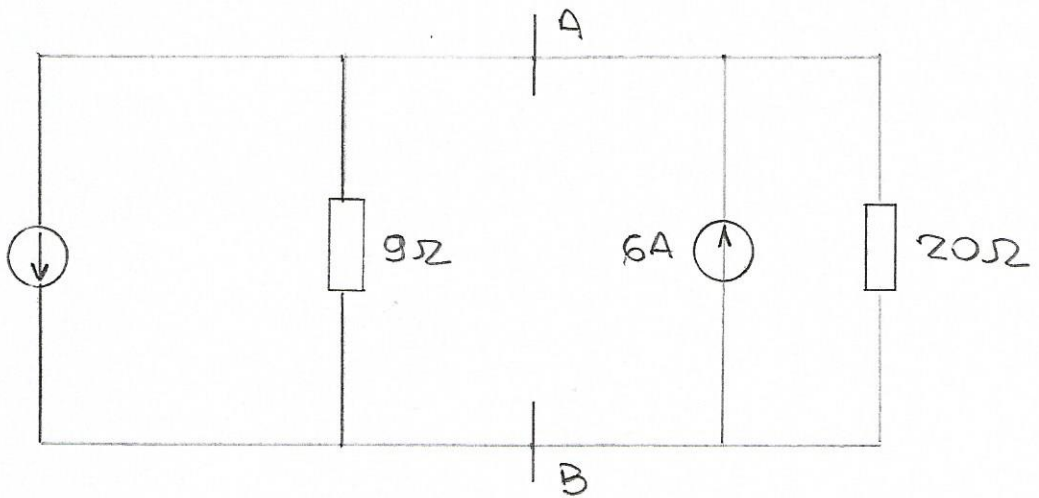
$$V = 9 \times 6.1 = 54.9V$$

6



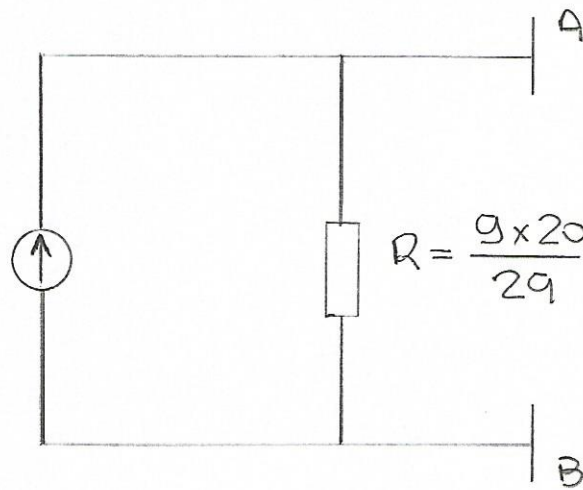
7

$$I = \frac{34.9}{9} = 3.9 \text{ A}$$



8

$$2.1 \text{ A}$$



$$R = \frac{9 \times 20}{29} = \frac{180}{29} = 6.2 \Omega$$

9

