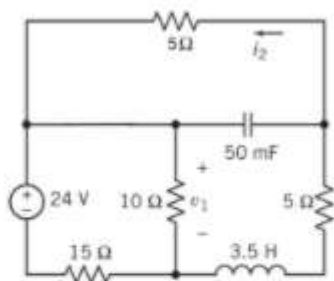


Under steady-state dc conditions, find  $v_1$  and  $i_2$  in the following circuit.

Under steady-state dc conditions, find  $v_1$  and  $i_2$  in the following circuit.



Note: Two versions will be given to avoid misunderstandings, the text version (black) and the image version (blue). If the two contents conflict, please refer to the image version first.

$v_1 = 9.6\text{ V}, i_2 = -0.96\text{ A}$

☐  $v_1 = 9.6\text{ V}, i_2 = -0.96\text{ A}$

$v_1 = 9.6\text{ V}, i_2 = 0.96\text{ A}$

☒  $v_1 = 9.6\text{ V}, i_2 = 0.96\text{ A}$

$v_1 = 6\text{ V}, i_2 = -0.6\text{ A}$

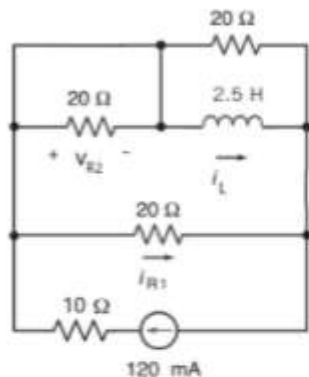
☐  $v_1 = 6\text{ V}, i_2 = -0.6\text{ A}$

$v_1 = 6\text{ V}, i_2 = 0.6\text{ A}$

☐  $v_1 = 6\text{ V}, i_2 = 0.6\text{ A}$

Under steady-state dc conditions, find  $i_{R1}$ ,  $v_{R2}$  and  $i_L$  in the following circuit.

Under steady-state dc conditions, find  $i_{R1}$ ,  $v_{R2}$  and  $i_L$  in the following circuit.



Note: Two versions will be given to avoid misunderstandings, the text version (black) and the image version (blue). If the two contents conflict, please refer to the image version first.

$$i_{R1} = 80 \text{ mA}, v_{R2} = 0.8 \text{ V}, i_L = 0 \text{ mA}$$

$$i_{R1} = 80 \text{ mA}, v_{R2} = 0.8 \text{ V}, i_L = 0 \text{ mA}$$

$$i_{R1} = 60 \text{ mA}, v_{R2} = 1.2 \text{ V}, i_L = 60 \text{ mA}$$

$$i_{R1} = 60 \text{ mA}, v_{R2} = 1.2 \text{ V}, i_L = 60 \text{ mA}$$

$$i_{R1} = 0 \text{ mA}, v_{R2} = 0 \text{ V}, i_L = 120 \text{ mA}$$

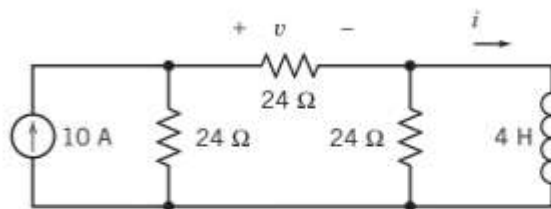
$$i_{R1} = 0 \text{ mA}, v_{R2} = 0 \text{ V}, i_L = 120 \text{ mA}$$

$$i_{R1} = 60 \text{ mA}, v_{R2} = 0 \text{ V}, i_L = 0 \text{ mA}$$

$$i_{R1} = 60 \text{ mA}, v_{R2} = 0 \text{ V}, i_L = 0 \text{ mA}$$

Under steady-state dc conditions, find  $i$  and  $v$  in the following circuit.

Under steady-state dc conditions, find  $i$  and  $v$  in the following circuit.



Note: Two versions will be given to avoid misunderstandings, the text version (black) and the image version (blue). If the two contents conflict, please refer to the image version first.

$i = 5 \text{ A}, v = -120 \text{ V}$

☐  $i = 5 \text{ A}, v = -120 \text{ V}$

$i = 5 \text{ A}, v = 120 \text{ V}$

☒  $i = 5 \text{ A}, v = 120 \text{ V}$

$i = 3.3 \text{ A}, v = -120 \text{ V}$

☐  $i = 3.3 \text{ A}, v = -120 \text{ V}$

$i = 3.3 \text{ A}, v = 120 \text{ V}$

☐  $i = 3.3 \text{ A}, v = 120 \text{ V}$