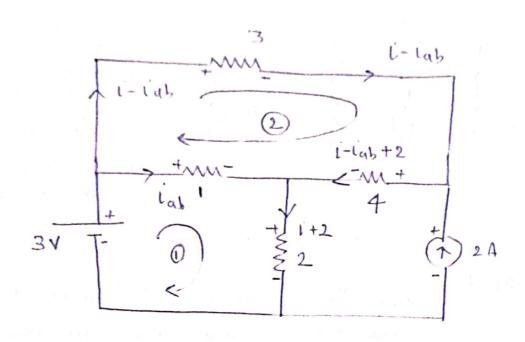
Solve By Using KVL

source

That means two KVL Equation one required.

To solve this problem.

Step. 3



$$|\nabla V L - (2)|$$

$$3 - iab - 2(i+2) = 0$$

$$3 - lab - 2i - 4 = 0$$

$$3i + 3iab - 4i - 8 + 4iab + lab = 0$$

$$3i + 1ab = -1$$

$$3iab - 7i = 8 - (2)$$

from ① and ②

Multiply ① by (-8)

$$-16i - 8iab = 8$$
 $-7i + 8iab = 8 - ②$

and ②

and ②

 $-23i + 0 = 16$