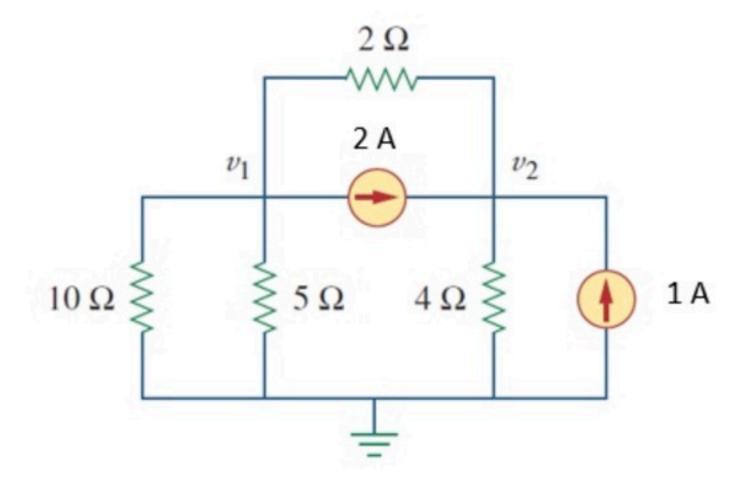
Problem has been graded.

Find v_1 and v_2 . Solve using nodal analysis.

For extra practice: Afterwards solve again using mesh analysis.



Given Variables:

. : . .

Calculate the following:

v1 (V):

0

v2 (V):

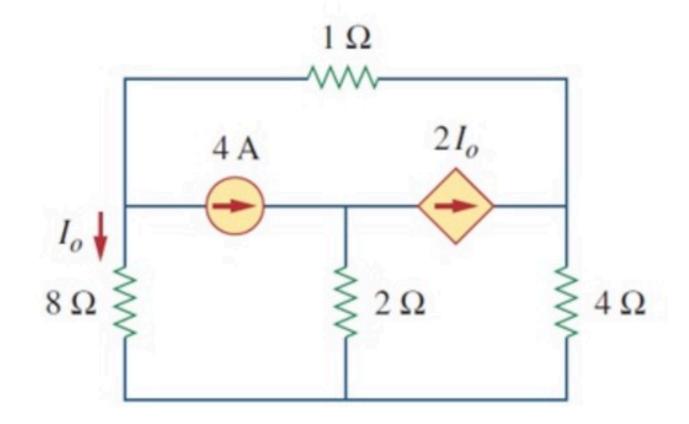
4

Hint: No supernodes

Problem has been graded.

Find I_o . Solve using nodal analysis.

For extra practice: Afterwards solve again using mesh analysis.



Given Variables:

. : . .

Calculate the following:

lo (A):

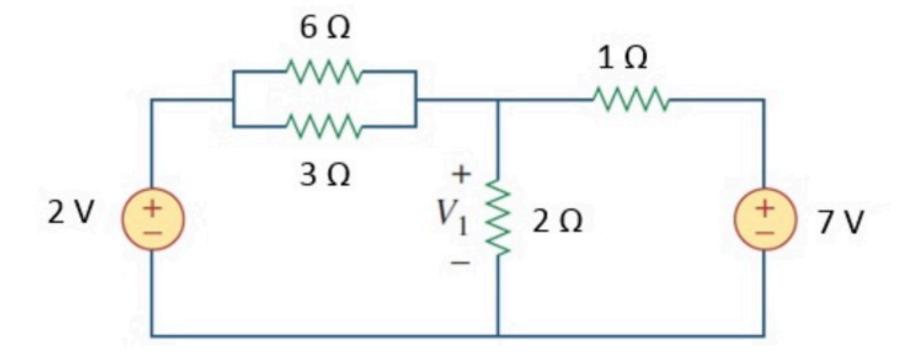
-4



Problem has been graded.

Find V_1 . Solve using nodal analysis.

For extra practice: Afterwards solve again using mesh analysis.



Given Variables:

. : . .

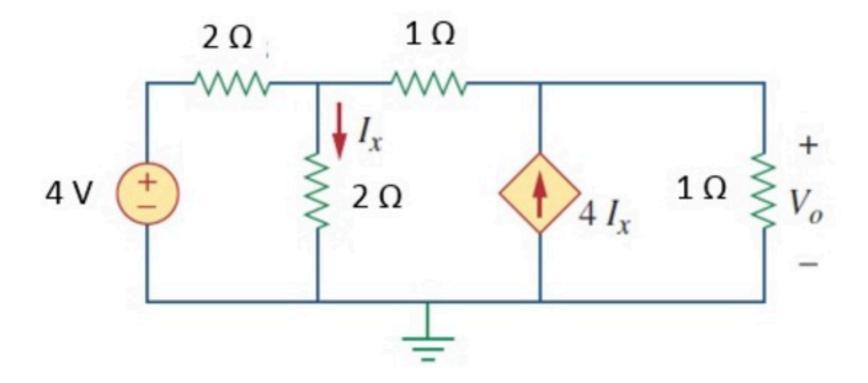
Calculate the following:

V1 (V):

Problem has been graded.

Find V_o . Solve using nodal analysis.

For extra practice: Afterwards solve again using mesh analysis.



Given Variables:

. : . .

Calculate the following:

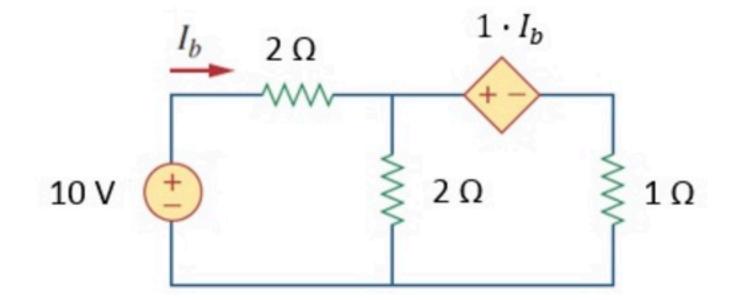
Vo (V):



Problem has been graded.

Find I_b . Solve using nodal analysis.

For extra practice: Afterwards solve again using mesh analysis.



Given Variables:

. : . .

Calculate the following:

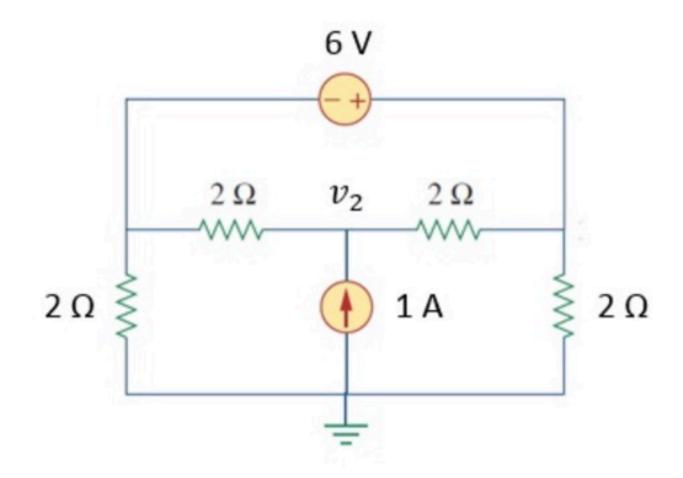
lb (A):



Problem has been graded.

Find v_2 . Solve using nodal analysis.

For extra practice: Afterwards solve again using mesh analysis.



Given Variables:

. : . .

Calculate the following:

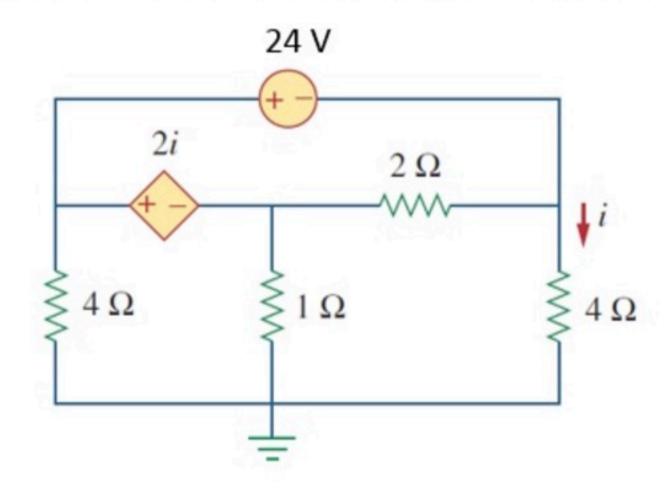
v2 (V):



Problem has been graded.

Find i. Solve using nodal analysis.

For extra practice: Afterwards solve again using mesh analysis.



Given Variables:

. : . .

Calculate the following:

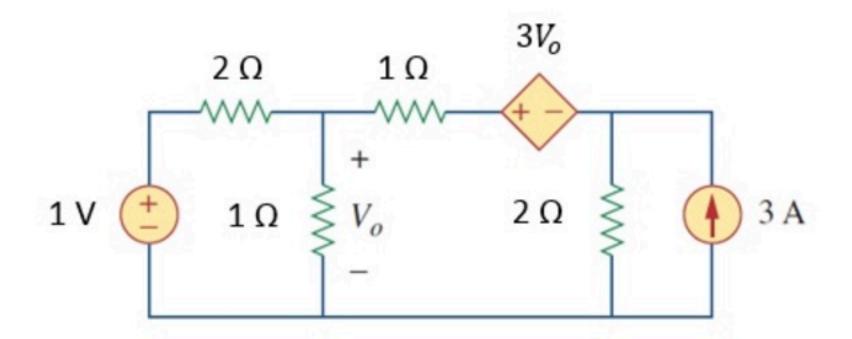
i (A):

-7.5

Problem has been graded.

Find V_o . Solve using nodal analysis.

For extra practice: Afterwards solve again using mesh analysis.



Given Variables:

.:..

Calculate the following:

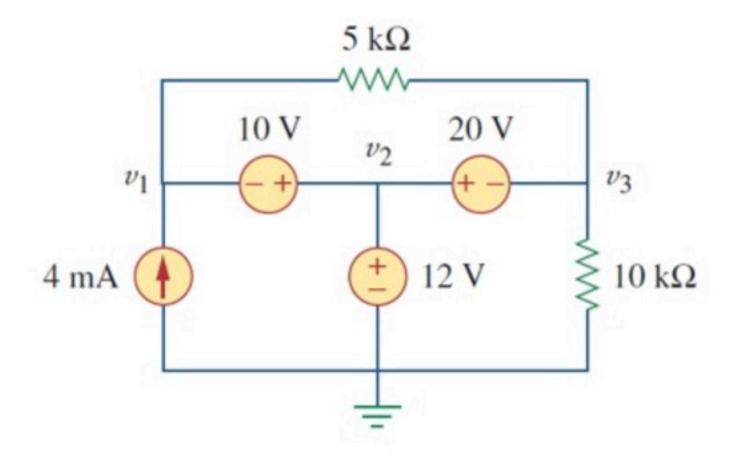
Vo (V):



Problem has been graded.

Find v_1, v_2 and v_3 . Solve using nodal analysis.

For extra practice: Afterwards solve again using mesh analysis.



Given Variables:

. : . .

Calculate the following:

v1 (V):

2

v2 (V):

12

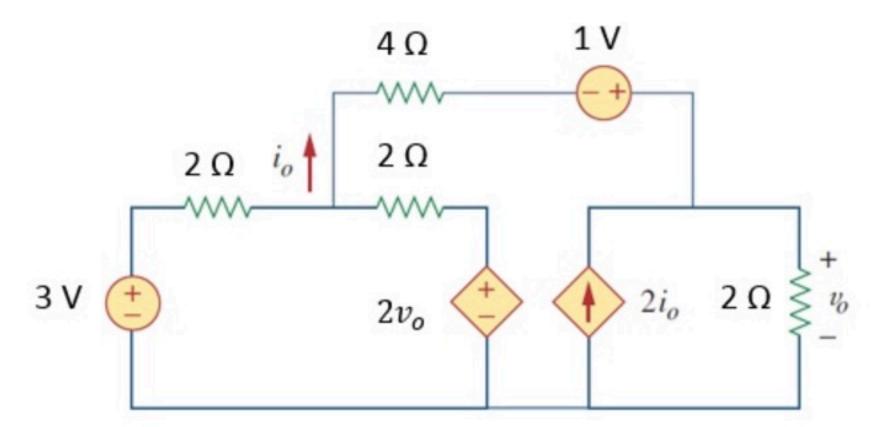
v3 (V):

-8

Problem has been graded.

Find v_o and i_o . Solve using nodal analysis.

For extra practice: Afterwards solve again using mesh analysis.



Given Variables:

. : . .

Calculate the following:

vo (V):

3

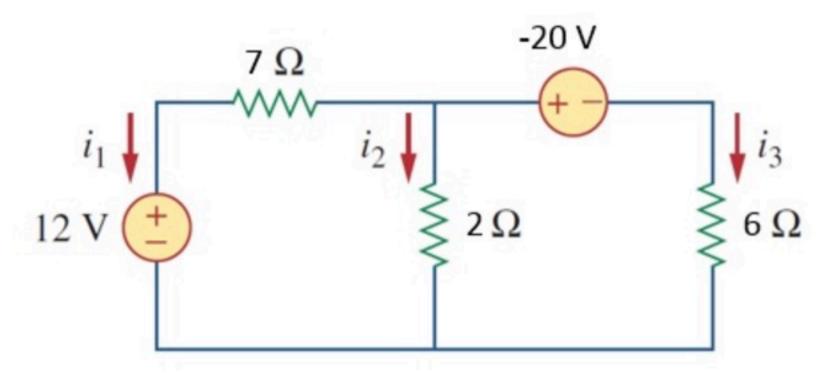
io (A):

0.5

Problem has been graded.

Find the currents i_1 , i_2 , and i_3 . Solve using mesh analysis.

For extra practice: Afterwards solve again using nodal analysis.



Given Variables:

. : . .

Calculate the following:

i1 (A):

-2

i2 (A):

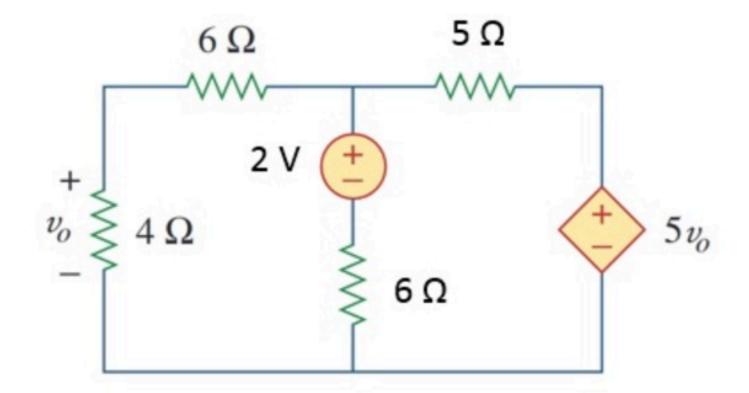
-1

i3 (A):

Unlimited Attempts.

Find the value of v_o . Solve using mesh analysis.

For extra practice: Afterwards solve again using nodal analysis.



Given Variables:

. : . .

Calculate the following:

vo (V):

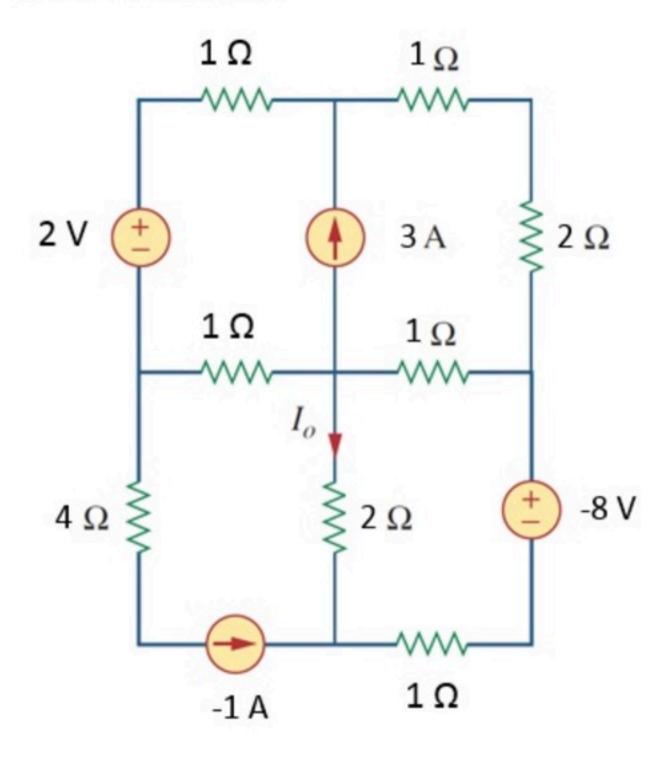
2

Hint: Ignore vo at the start. Just find the two mesh currents.

Unlimited Attempts.

Find the current I_o . Solve using mesh analysis.

For extra practice: Afterwards solve again using nodal analysis.



Given Variables:

.:..

Calculate the following:

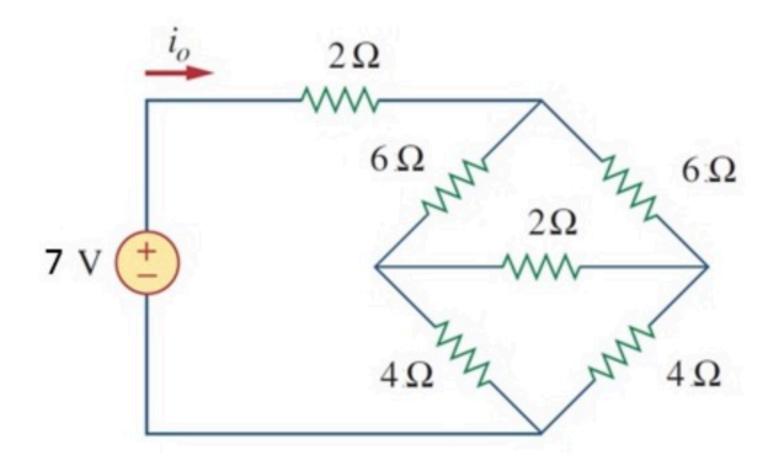
lo (A):

-2

Unlimited Attempts.

Find the current i_o . Solve using mesh analysis.

For extra practice: Afterwards solve again using nodal analysis.



Given Variables:

. : . .

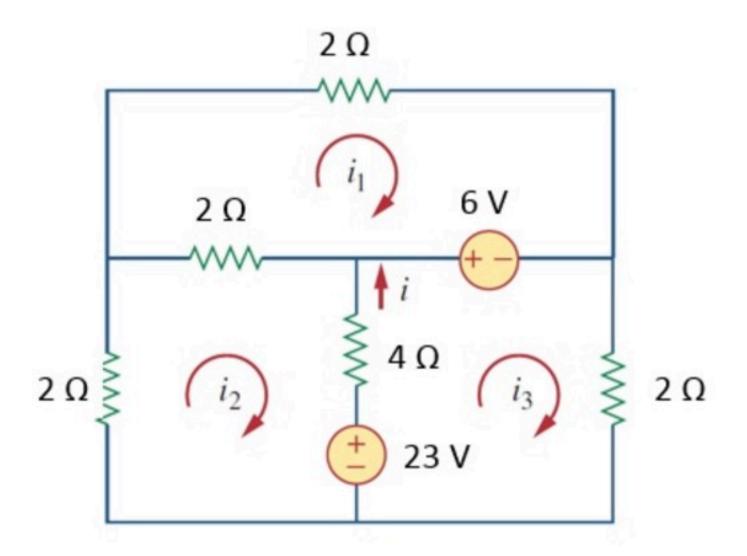
Calculate the following:

io (A):

Unlimited Attempts.

Find the current i. Solve using mesh analysis.

For extra practice: Afterwards solve again using nodal analysis.



Given Variables:

. : . .

Calculate the following:

i (A):

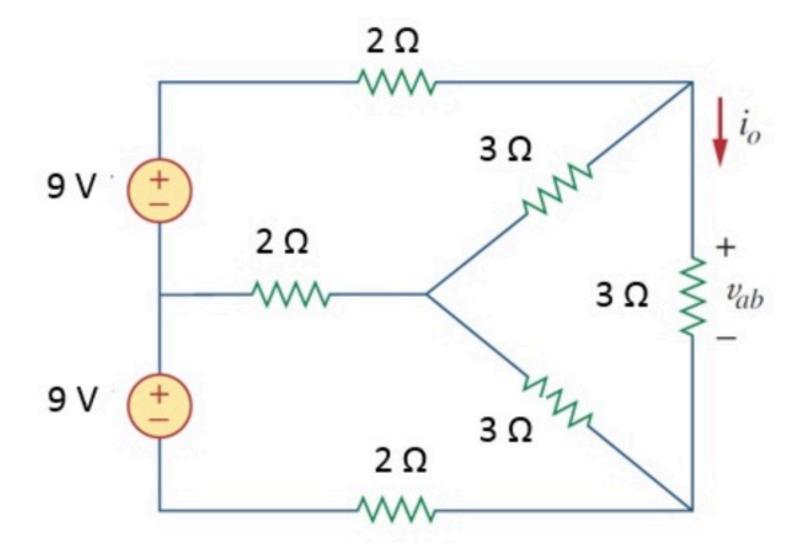
3.5



Unlimited Attempts.

Find the current i_o and the voltage v_{ab} . Solve using mesh analysis.

For extra practice: Afterwards solve again using nodal analysis.



Given Variables:

Calculate the following:

io (A):

2

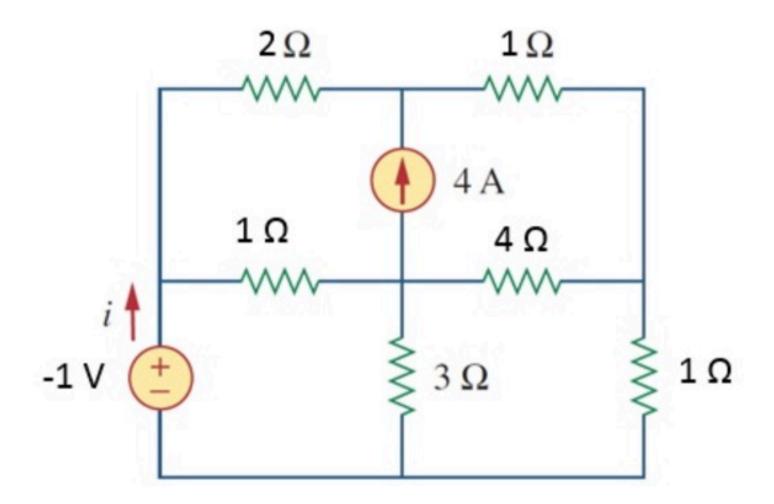
vab (V):

O

Unlimited Attempts.

Find the current i. Solve using mesh analysis.

For extra practice: Afterwards solve again using nodal analysis.



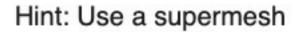
Given Variables:

. : . .

Calculate the following:

i (A):

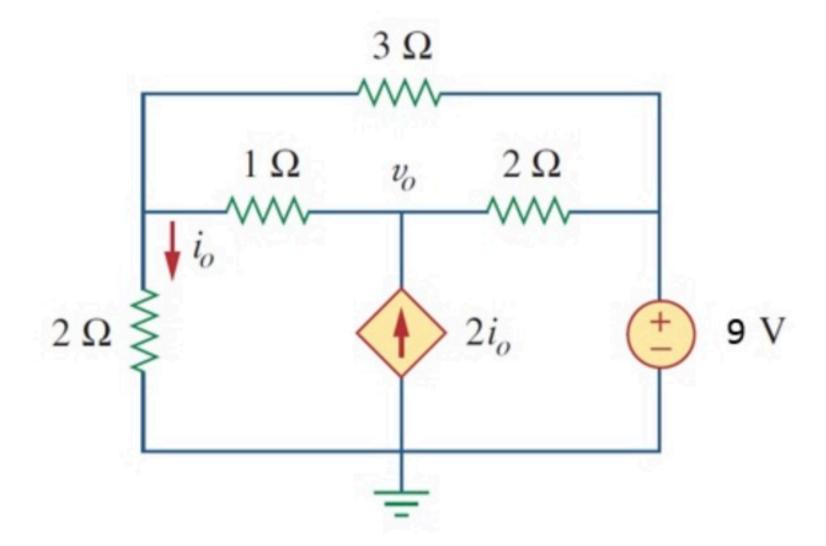
U



Unlimited Attempts.

Find the current i_o and the voltage v_o . Solve using mesh analysis.

For extra practice: Afterwards solve again using nodal analysis.



Given Variables:

. : . .

Calculate the following:

io (A):

6

vo (V):

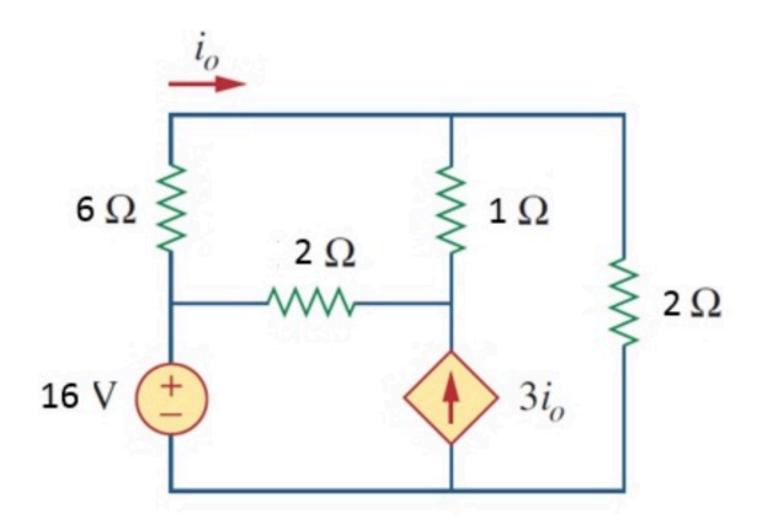
19

Hint: Use a supermesh

Unlimited Attempts.

Find the current i_o . Solve using mesh analysis.

For extra practice: Afterwards solve again using nodal analysis.



Given Variables:

. : . .

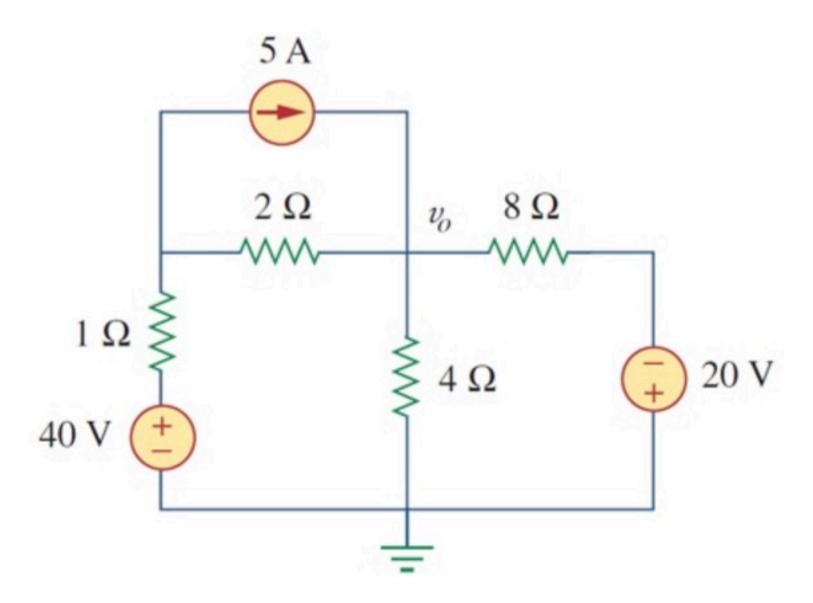
Calculate the following:

io (A):

Unlimited Attempts.

Find the voltage v_o . Solve using mesh analysis.

For extra practice: Afterwards solve again using nodal analysis.



Given Variables:

. : . .

Calculate the following:

vo (V):