

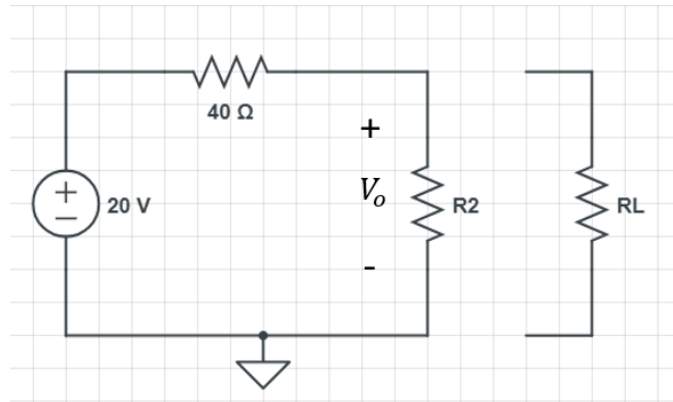
Quiz-2

Name:

Student ID:

Set: **A**

1. When R_L is not connected $V_o = 4V$. When R_L is connected $V_o = 3V$. Find R_L and R_2 **(6)**

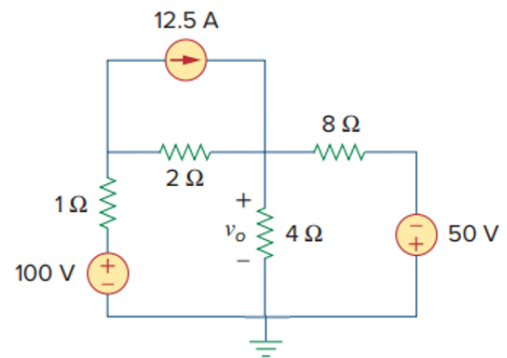


2. Using Nodal Analysis find V_o in the circuit.

(9)

(Bonus) Find whether the current source is supplying or absorbing power

(2)



Quiz-2

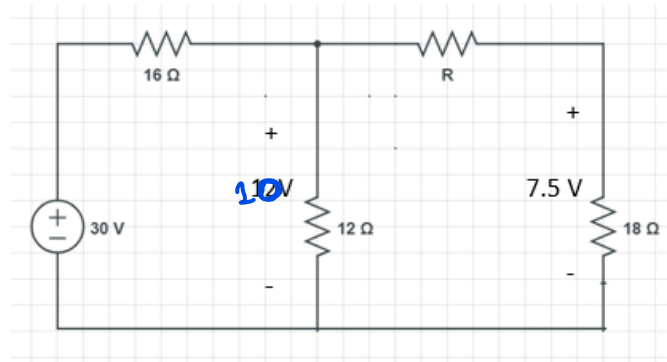
Name:

Student ID:

Set: B

1. Find R

(6)

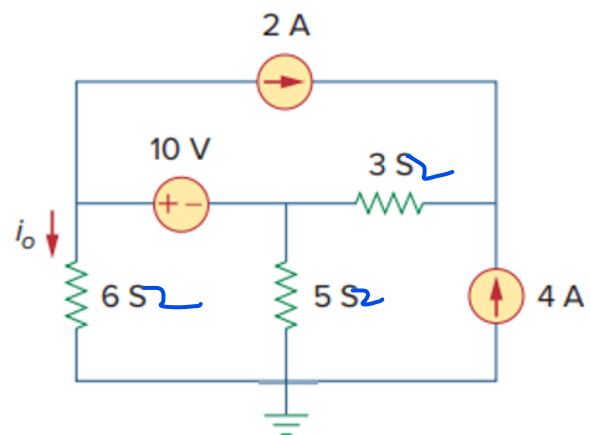


2. Using Nodal Analysis find i_o in the circuit.

(9)

(Bonus) Find whether the current sources are supplying or absorbing power

(2)



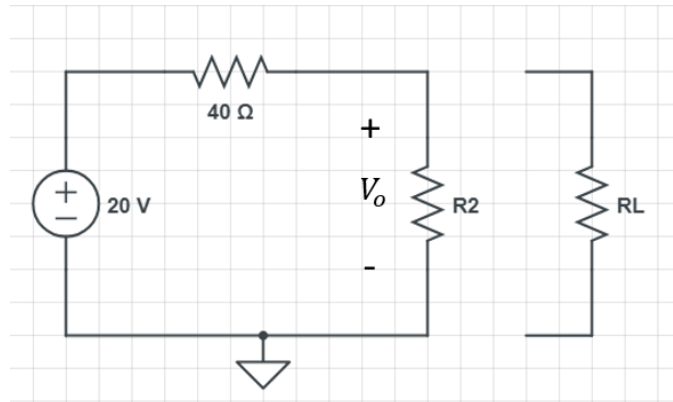
Quiz-2

Name:

Student ID:

Set: C

1. When R_L is not connected $V_o = 4V$. When R_L is connected $V_o = 3V$. Find R_L and R_2 (6)



2. Using Nodal Analysis find i_o in the circuit. (9)

(Bonus) Find whether the dependent current source is supplying or absorbing power (2)

