

Name

No.

EP

**Instruction**

1. Draw a circuit as shown in Figure 4.1 and save file as **Assignment4\_1.sch**. The current source is “**idc**”.

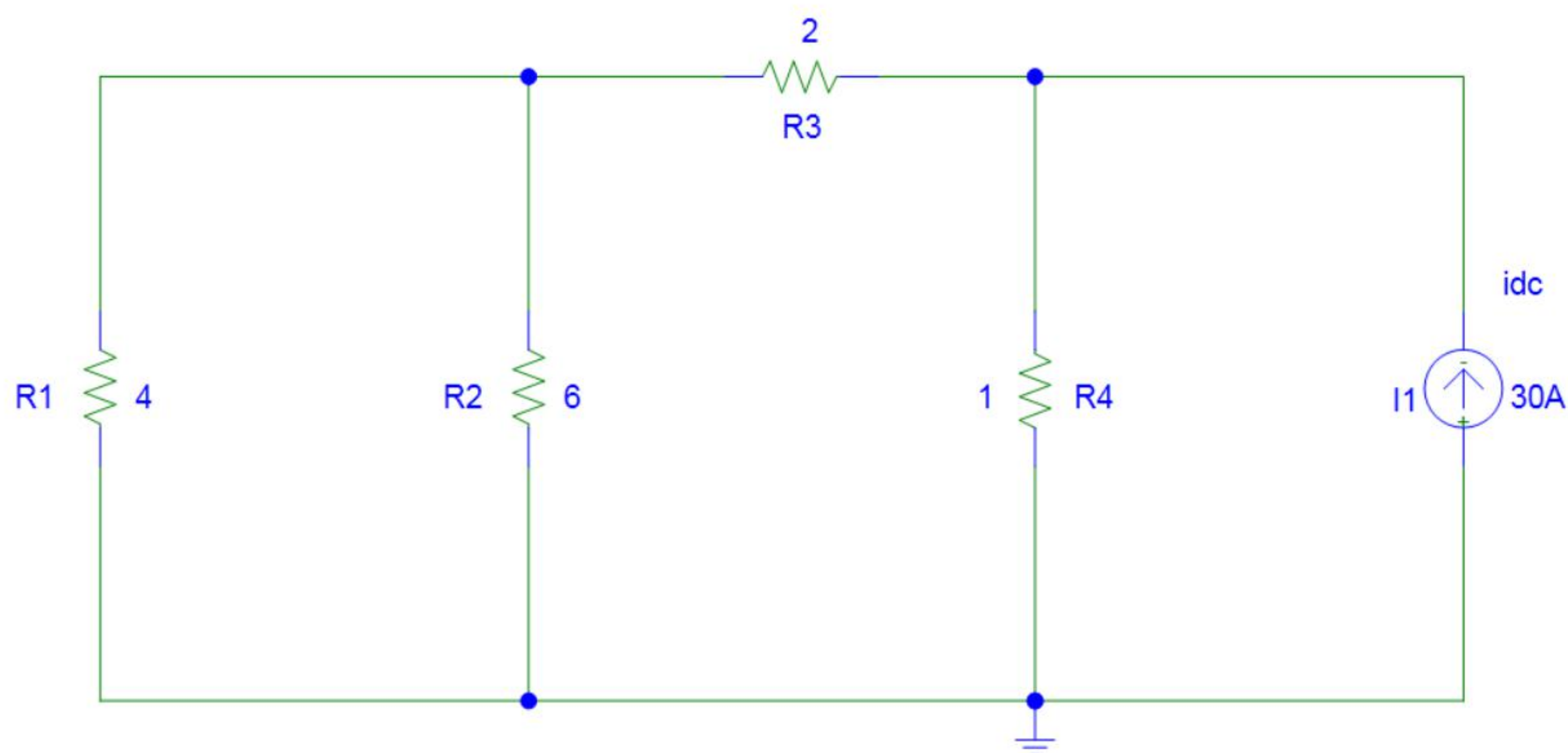


Figure 4.1: Schematic diagram

2. Start simulation and observe simulation results.
3. Complete the parameters in the Tables.

Voltage Values [V]			
$V_{R1}$	$V_{R2}$	$V_{R3}$	$V_{R4}$

Current Values [A]			
$I_{R1}$	$I_{R2}$	$I_{R3}$	$I_{R4}$

4. Draw a circuit as shown in Figure 4.2 and save file as Assignment4\_2.sch.

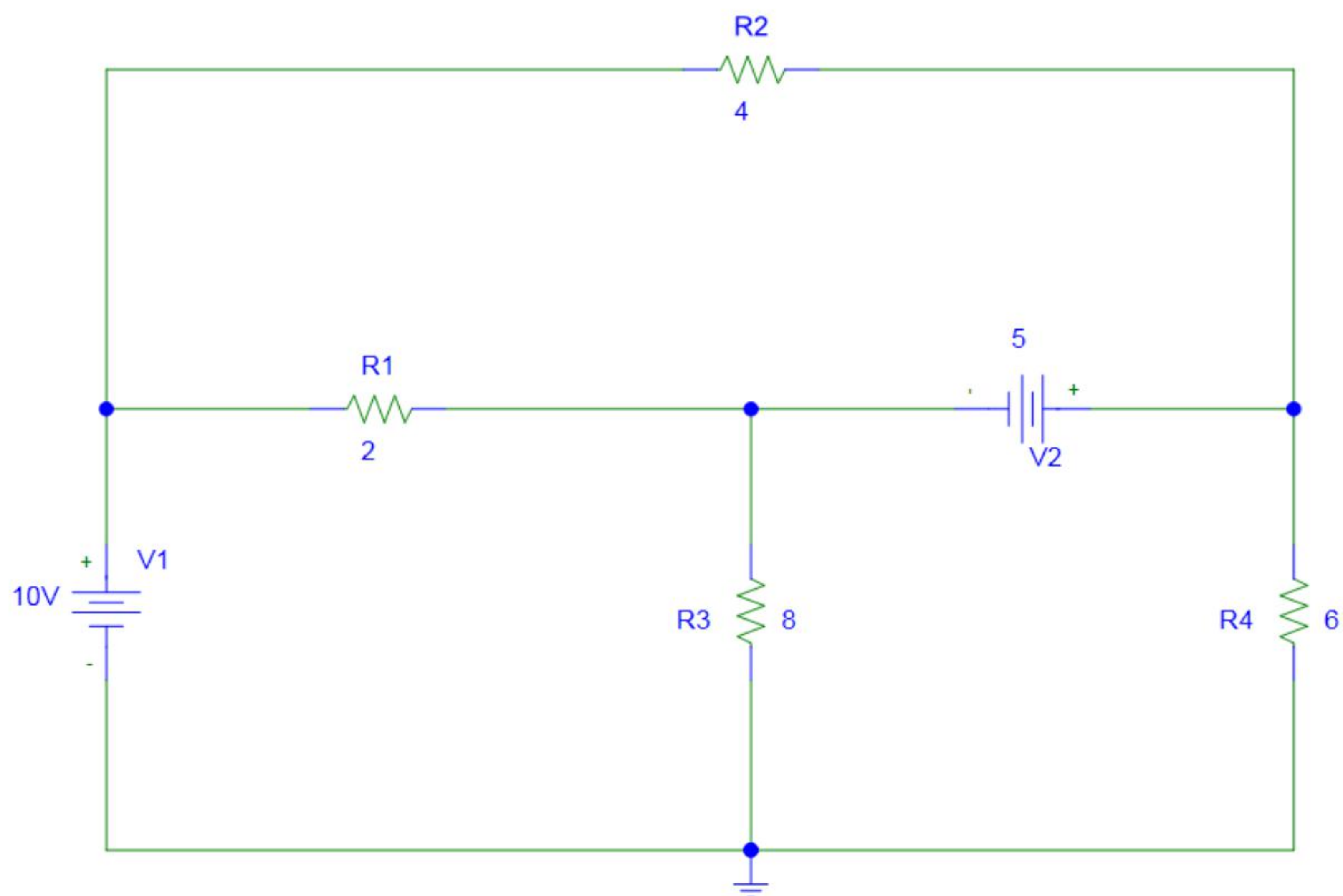


Figure 4.2: Schematic diagram

5. Start simulation and observe simulation results.
6. Complete the parameters in the Tables.

Voltage Values [V]			
$V_{R1}$	$V_{R2}$	$V_{R3}$	$V_{R4}$

Current Values [A]			
$I_{R1}$	$I_{R2}$	$I_{R3}$	$I_{R4}$



7. Draw a circuit as shown in Figure 4.3 and save file as Assignment4\_3.sch.

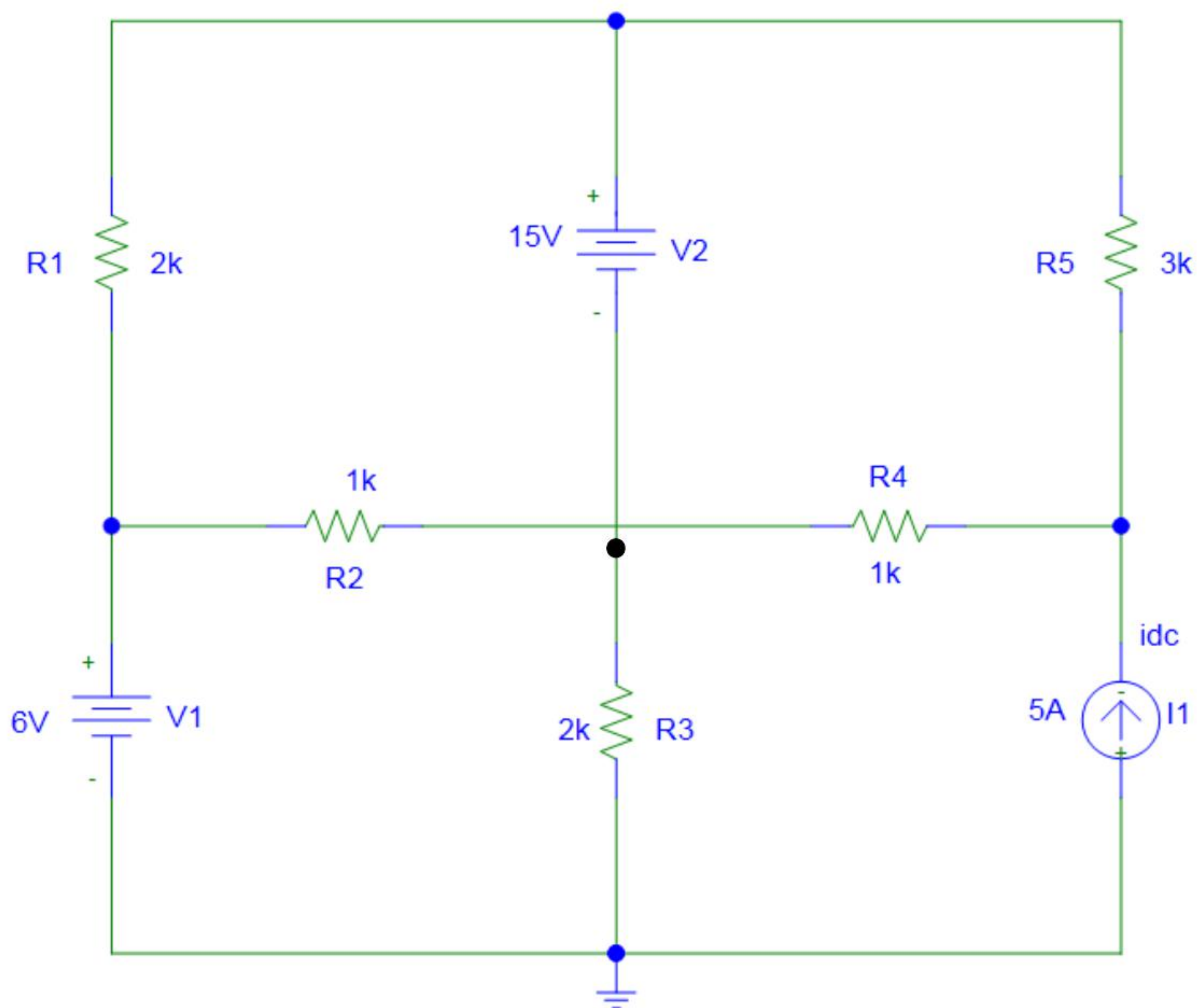


Figure 4.3: Schematic diagram

8. Start simulation and observe simulation results.
9. Complete the parameters in the Tables.

Voltage Values [V]				
$V_{R1}$	$V_{R2}$	$V_{R3}$	$V_{R4}$	$V_{R5}$

Current Values [A]				
$I_{R1}$	$I_{R2}$	$I_{R3}$	$I_{R4}$	$I_{R5}$