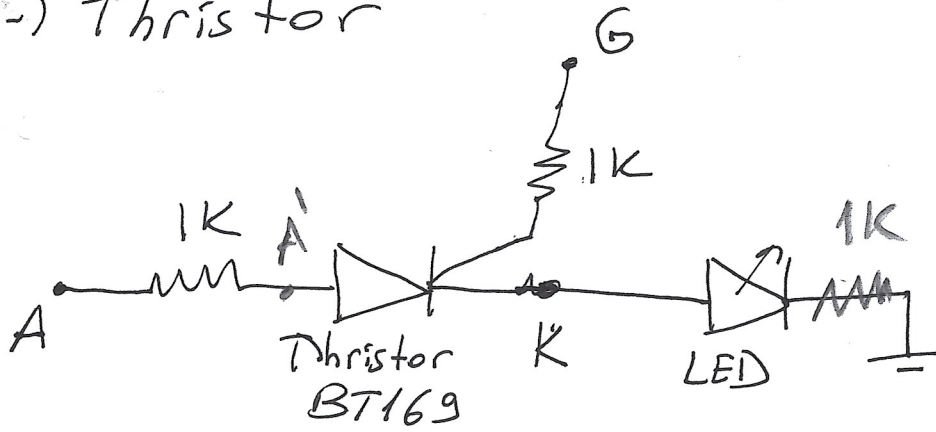
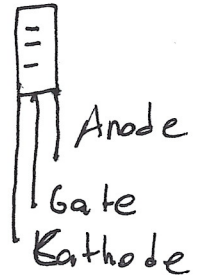


1-) Thristor

Follow the steps and write the answers



the answers
BT169 Thristor



1-)

Connect A +12V DC and G to ground.

Observe, whether the LED is on.

Ans: _____

2-) Connect A +12V DC and G +4V DC.

(Adjustable Power Supply should be used.)

Observe whether the LED is on

Grounds of power supplies should be short-circuit.

Ans: _____

3-) Connect A +12V DC and G to Ground and observe whether the LED is on.

Ans: _____

- 4-) - Connect A +12V DC
- Connect G to Ground.
- Connect A and K (Short-circuit)

Observe whether the LED is on.

Ans:

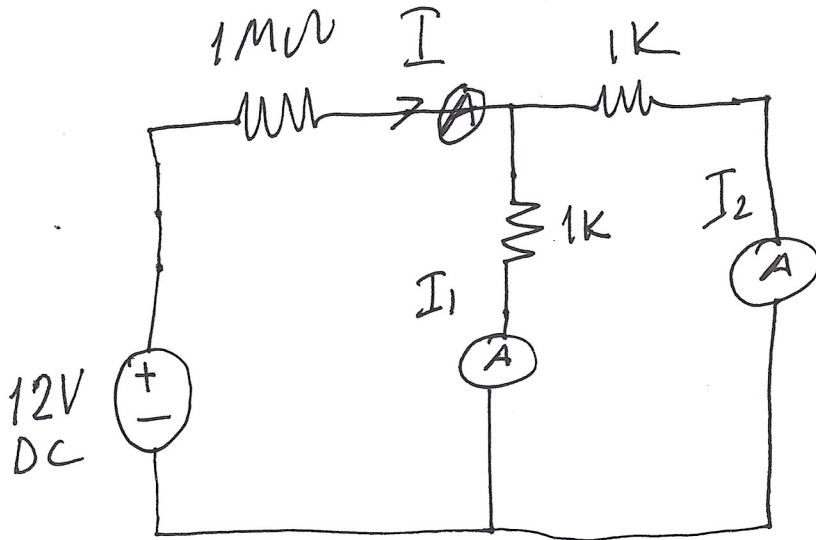
5-) Connect A +12V DC observe whether the LED is on.
Connect G to Ground
Disconnect A and K

Ans: _____

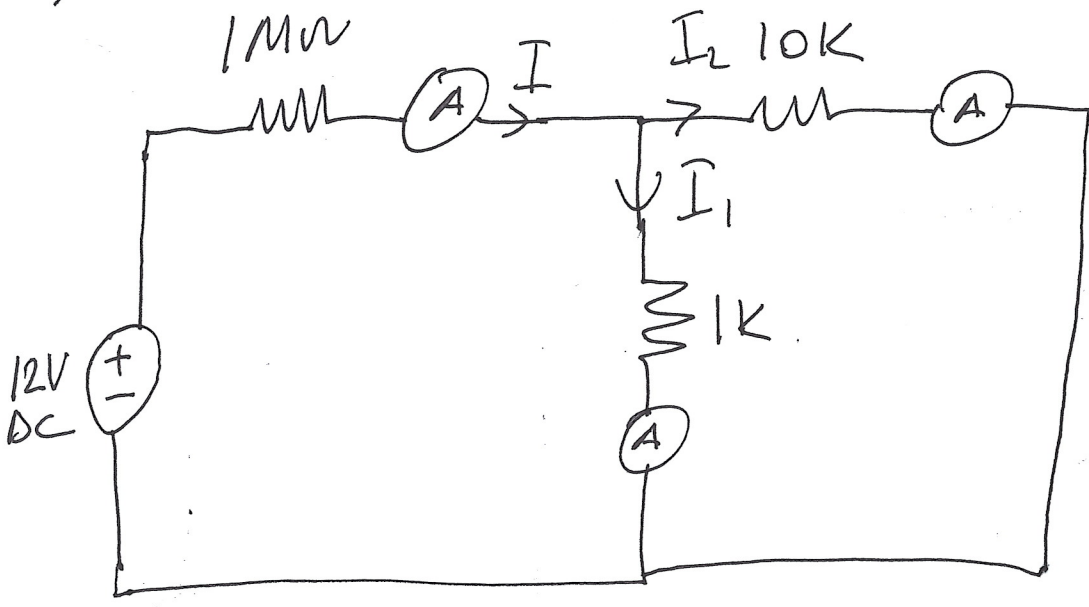
A)

1-) Calculate
The I, I_1, I_2

2-) Measure (Measure)
 I_1, I_2, I



B)



Calculate I, I_1, I_2

Measure I, I_1, I_2

Compare the I in A and I in B. Which kind of relationships are there?

