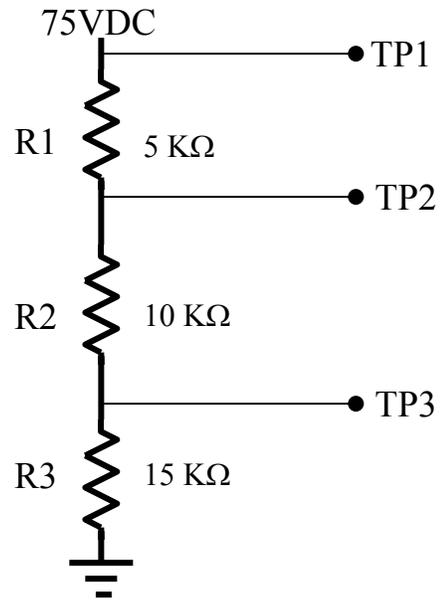


Normal	Reading *****
EA	
RT	
IT	
ER1	
ER2	
ER3	
ETP1	
ETP2	
ETP3	



1) IT Decreases to ZERO. What is the malfunction?

- a) R1 Short
- b) R3 Short
- c) R3 Open
- d) None of the above

2) It increases to 3 mA. What is the malfunction?

- a) R1 short
- b) R3 Short
- c) R3 Open
- d) All the above

3) If R2 were to open how much current would flow through R3?

- a) 2.75 mA
- b) 3 mA
- c) 4 mA
- d) 0 A

4) The voltage drop across R1 and R2 is 0 V. What is the probable malfunction

- a) R1 short
- b) R2 Short
- c) R2 open
- d) R3 open

5) R3 shorts, what happens to circuit resistance and current?

- a) Stays the same
- b) $R \uparrow$, $I \downarrow$
- c) $R \downarrow$, $I \downarrow$
- d) $R \downarrow$, $I \uparrow$

6) R1 shorts, what is current and voltage drops across: R1, R2, and R3?

- a) 8 mA, \uparrow , \downarrow , \downarrow
- b) 3 mA, 0V, 30V, 45V
- c) 0 A, 75V, 0V, 0V
- d) None of the above

7) TP1 = 75V, TP2 = 75V, TP3 = 75V What is the malfunction

- a) All resistors are shorted
- b) All resistors are open
- c) R1 short
- d) R3 Open