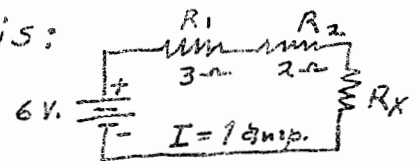


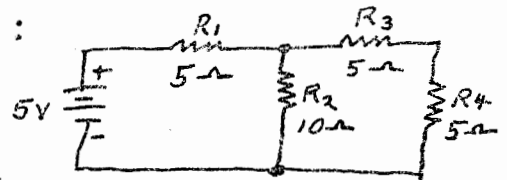
1. The resistance of  $R_x$  in this circuit is:

- 1 ohm  2 ohms  3 ohms  5 ohms



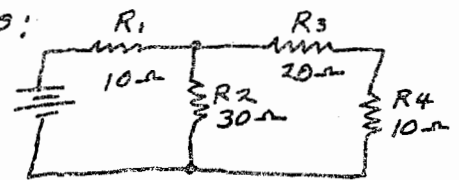
2. The total current in this circuit is:

- 0.25A  0.5A  0.75A  1A



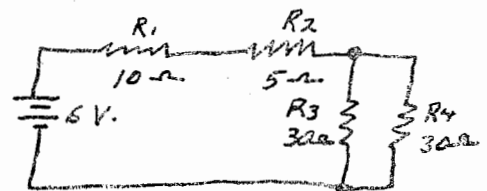
3. The total resistance of this circuit is:

- 5 ohms  10 ohms  15 ohms  25 ohms



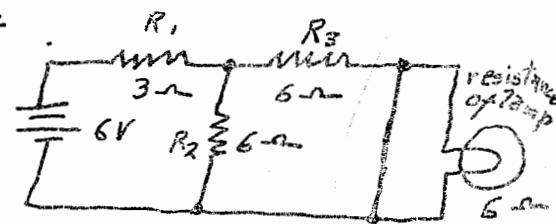
4. The value of the voltage across  $R_2$  is:

- 1V  1.5V  2V  4V

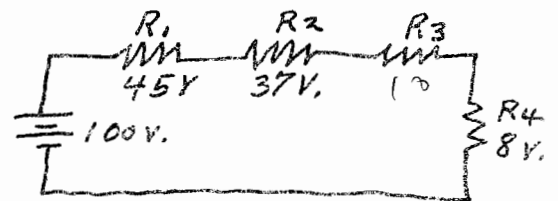


5. The current in the lamp in this circuit will be:

- 0 amps  1/4 amp  1/2 amp  1 amp

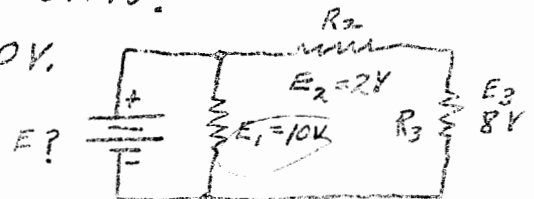


6. The voltage drop across  $R_3$  in this circuit is:  50V,  30V,  20V,  10V.



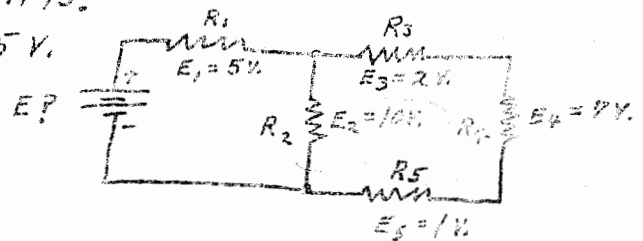
7. The battery voltage of this circuit is:

- 2V,  8V,  10V,  20V.



8. The battery voltage of this circuit is:

- 5V,  10V,  15V,  25V.



9. The voltage across  $R_5$  is:

- 6V  3V  .3V  0V

