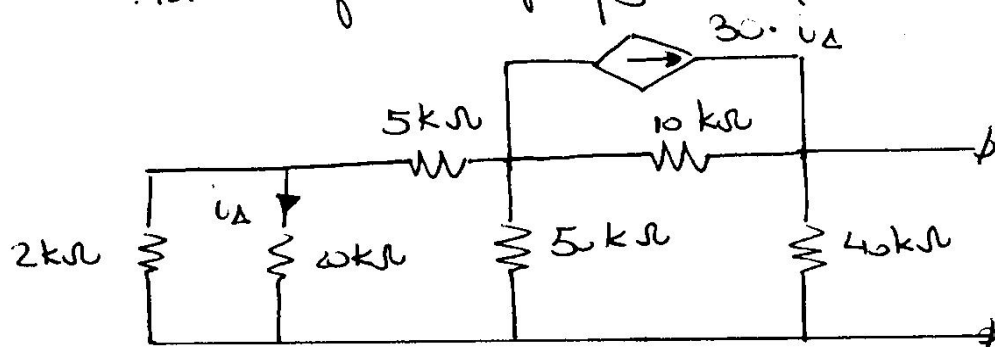
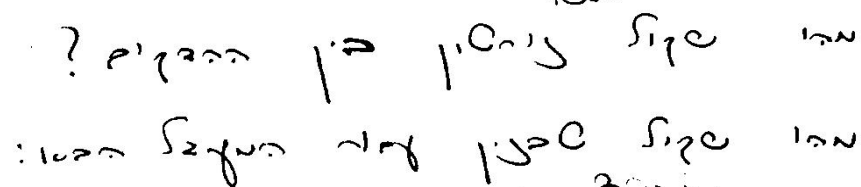
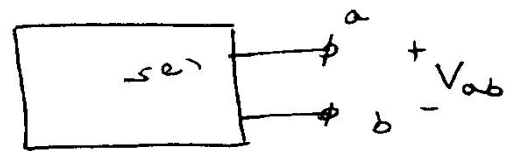



.2



4. Find the open circuit voltage V_{ab} across terminals a, b.



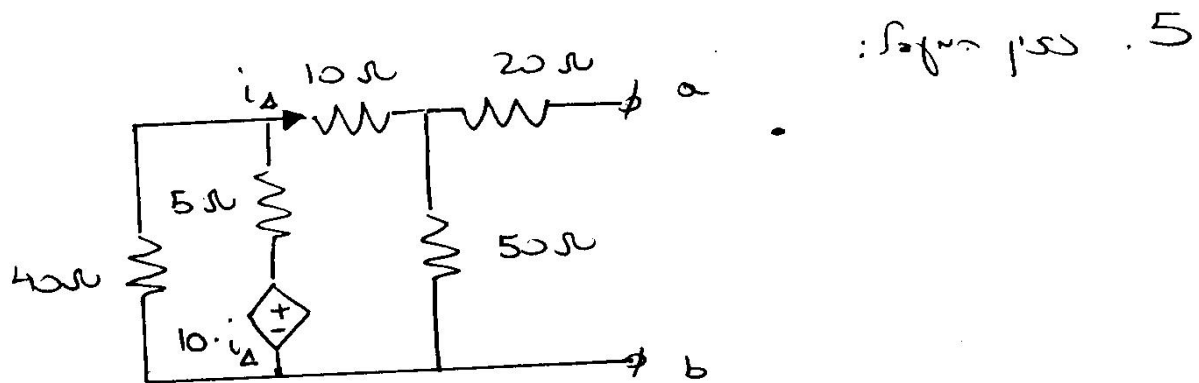
Find V_{ab} for $R_L = 20k\Omega$ only.

$$V_{ab} = 20V$$

Find V_{ab} for $R_L = 7.5k\Omega$ only.

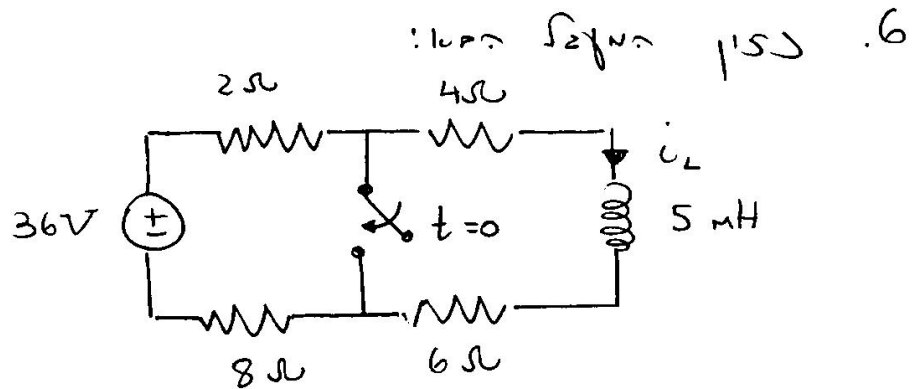
$$V_{ab} = 15V$$

Find the power dissipated in the load resistor R_L .



Find the power dissipated in the load resistor R_L .

Find the power dissipated in the load resistor R_L .



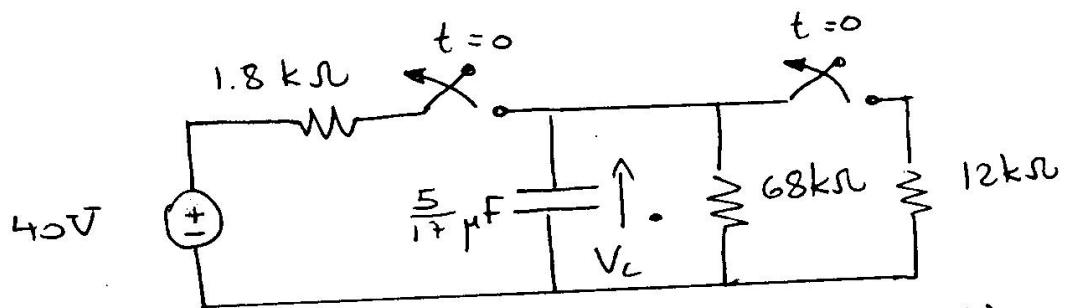
10. $i_L(0^-)$ (גודל וסימן) ?

11. $i_L(t)$ (גודל וסימן) $t \geq 0$?

12. $i_L(t)$ (גודל וסימן) $t \geq 0$?

13. $i_L(t)$ (גודל וסימן) $t \geq 0$?

14. $i_L(t)$ (גודל וסימן) $t \geq 0$?



$(\mu = 10^{-6})$

15. $V_C(0^-)$ (גודל וסימן) ?

16. $V_C(t)$ (גודל וסימן) $t \geq 0$?

17. $V_C(t)$ (גודל וסימן) $t \geq 0$?

18. $V_C(t)$ (גודל וסימן) $t \geq 0$?