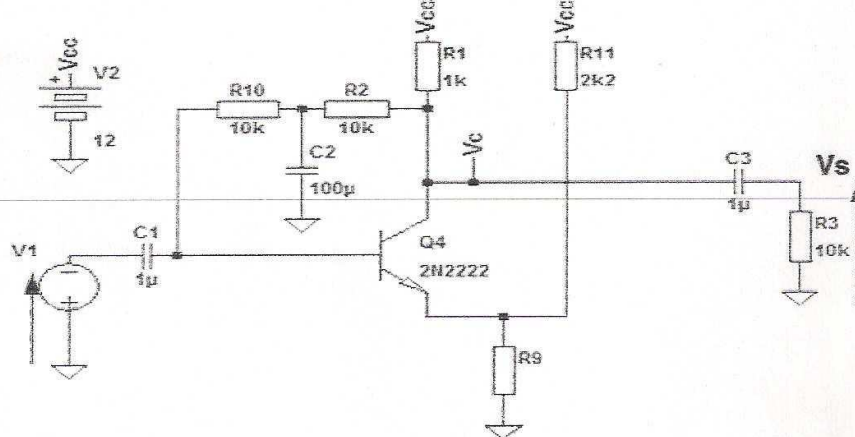


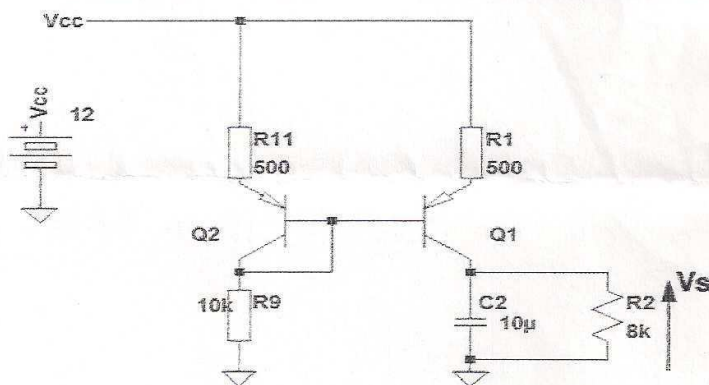
## PROBLEMA 1

a) Determinar  $R_9$  tal que  $V_{CQ} = 6$  (v) Datos:  $V_{CC} = 12$ v,  $h_{FE} = 100$ b) Determinar  $V_s/V_1$  Datos:  $h_{fe} = 100$ ,  $h_{ie} = 1$ k,  $h_{oe} = h_{re} = 0$ 

## PROBLEMA 2

a) Determinar  $V_s$  para  $t \rightarrow \infty$ b) Determinar  $V_s$  para  $t = 100$ ms

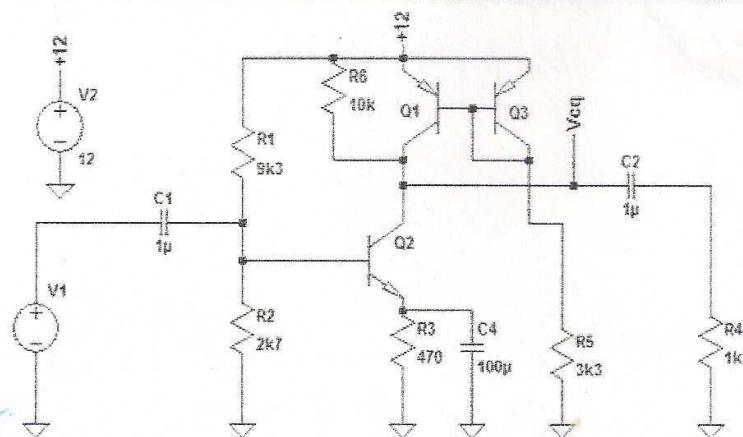
Datos:

 $V_{CC} = 12$ v,  $h_{FE} = 100$  $V_{C2}(0) = 0$ 

## PROBLEMA 3

a) Determinar  $V_{CQ}$ 

Datos:

 $V_{CC} = 12$ v,  $h_{FE} = 100$ 

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