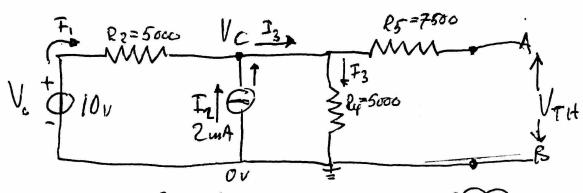
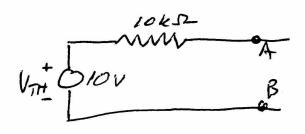
## PROBLEM 5





NOTERING! EFTERSOM ALT DET

AR SAMBIA CETISMANS

I URSPRUNGLIGH KRETSEN

OCH THEVEINS ERVIVALENT

SÄ HÄSTE DET VARA SAMBHY

SPANNING SOM VO. (100)

V=VA = VTH

$$I_{1} + I_{2} - I_{3} = 0$$

$$I_{0} - V_{c} + 0.002 - \frac{V_{c} - 0}{5000} = 0$$

$$10 - V_{c} + 10 - V_{c} = 0$$
  
 $-2V_{c} + 20 = 0$   
 $V_{c} = 10 V$   
 $V_{A} = 10 V$   
 $V_{TH} = 16 V$