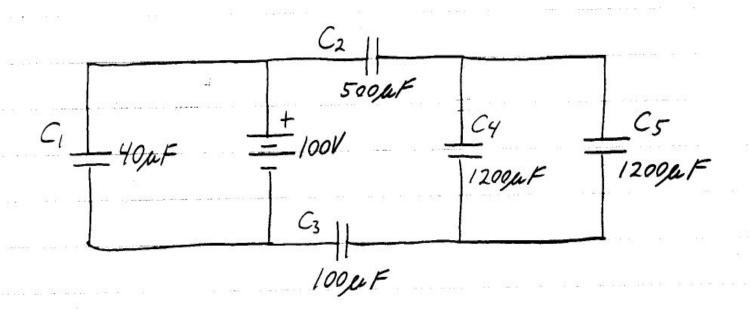
CHARGE + VOLTAGE (EXAMPLE 2) FIND THE VOLTAGE ACROSS & CHARGE ON EACH CAPACITOR:



REDRAW:

$$G = \frac{C_2}{500\mu F}$$

$$= \frac{100V}{C_3}$$

$$C_6 = \frac{100V}{C_6}$$

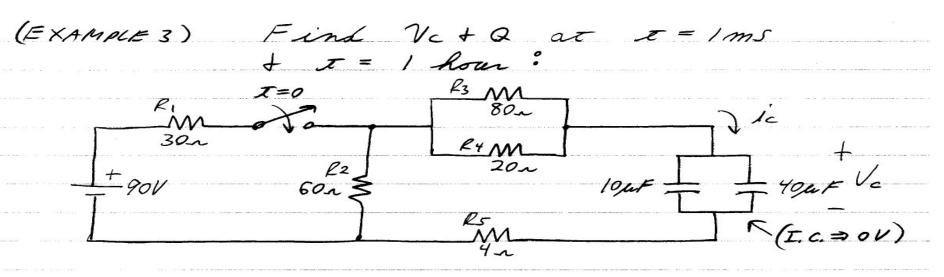
$$C_6 = \frac{100\mu F}{C_6}$$

$$C_6 = \frac{100\mu F}{C_6}$$

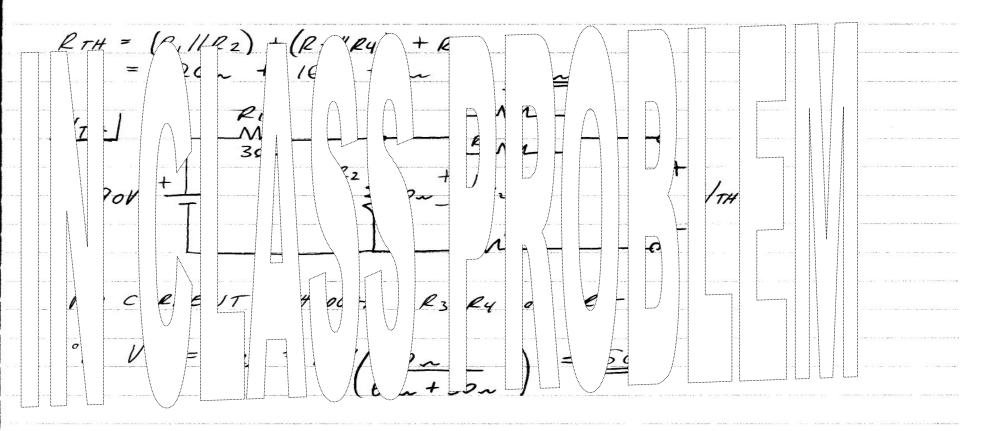
$$C_6 = \frac{100\mu F}{C_6}$$

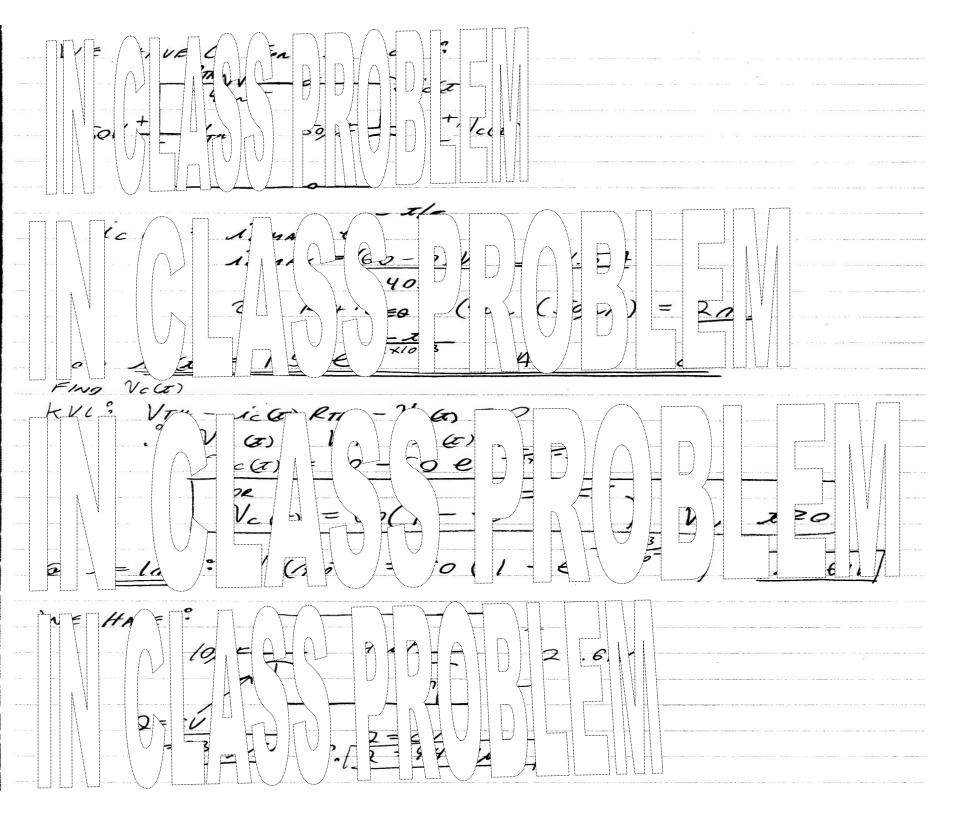
$$(Q_4 + Q_5) = 8.054mC$$

 $0 \cdot V_4 = V_5 = \frac{8.054mC}{2400\mu F} = [3.36V]$
 $Q_4 = Q_5 = (1200\mu F)(3.36V) = [4.027mC]$



THEVENIN EQUIVALENT SEEN BY CEQ = 50MF:





WE HAVE: