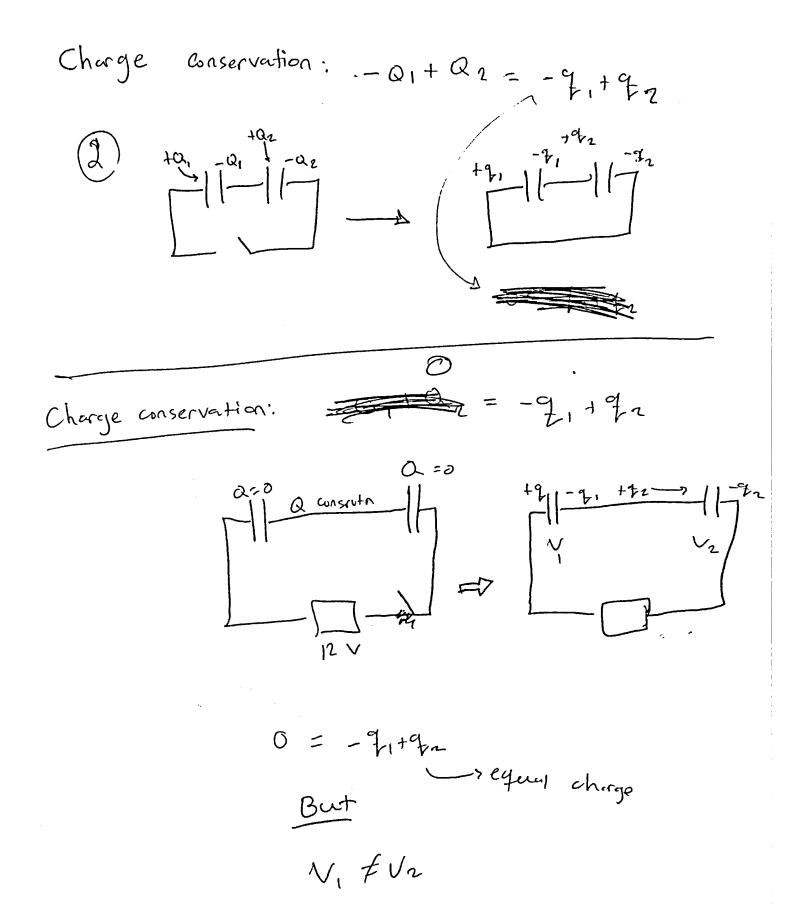
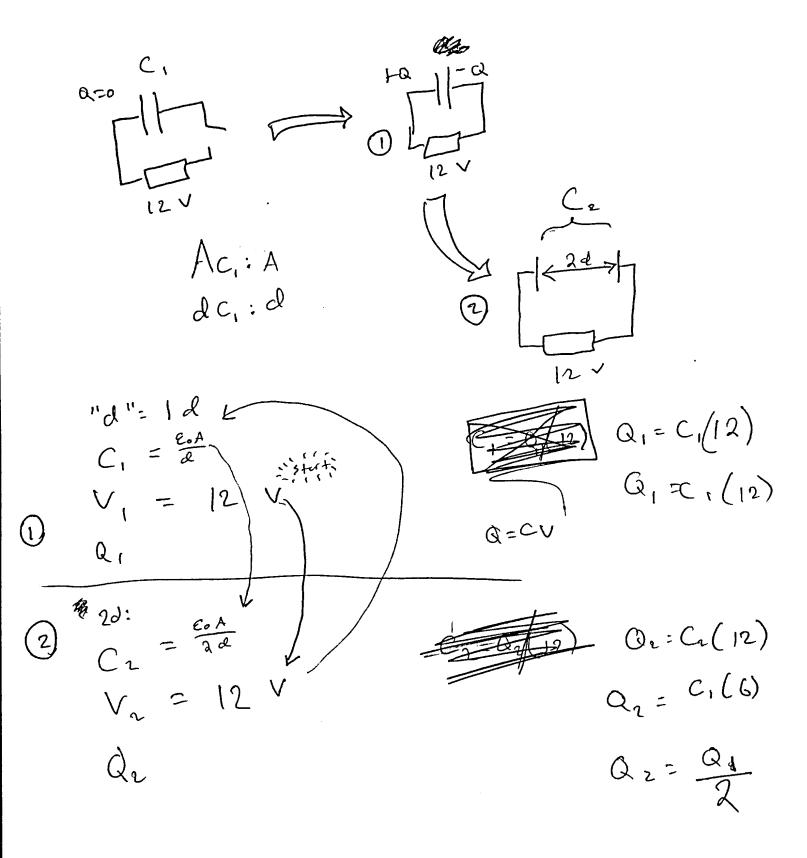


10

$$4a_1 - a_1$$
 $+ 1a_2$ 
 $+ 1a_2$ 
 $+ 1a_2$ 
 $+ 1a_2$ 
 $+ 1a_3$ 
 $+ 1a_4$ 
 $+ 1a_4$ 





gaiz

So, where Slole V is max.

$$C = \frac{\varepsilon_{o} A}{c!} = \frac{ab\varepsilon_{o}}{d} = \varepsilon_{o} \left(\frac{ab}{a}\right)$$

$$\epsilon. \quad \left(\frac{2}{2}\right)^2 ab = 2\left(\frac{ab}{a}\right)$$

$$C_{min} = \frac{C^2}{\lambda C} = \frac{C}{\lambda}$$



en eroy storage

added, et. potential 
$$E$$
 of  $U = \int U = \int \frac{4d^2}{c}$ 

$$Q = CV = \frac{1}{2} CV^{2}$$

$$U = \frac{1}{2} CV^{2}$$

$$U = \frac{1}{2} C^{2}$$

$$U = \frac{1}{2} C^{2}$$

$$ex$$

$$\begin{vmatrix}
+01 & -01 \\
C_1 & C_2
\end{vmatrix}$$

$$U_1 = \frac{1}{2} \frac{q_1^2}{C_1}$$
  $U_2 = \frac{1}{2} \frac{q_1^2}{C_1^2}$ 

- -> disconnected Cap: use c and Q to find U
- s connected cap: Q: CV, etc.