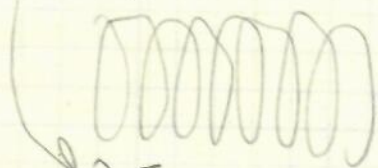
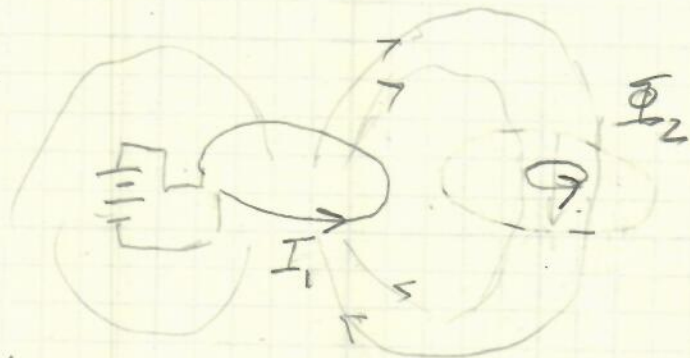
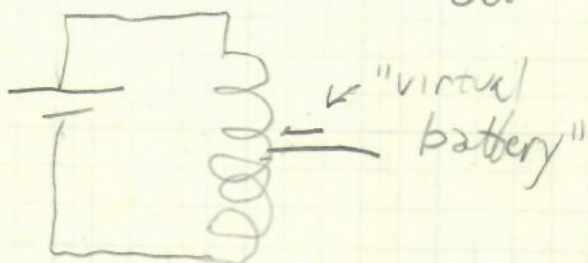


$\Phi_B = LI$ Self Ind.



$\frac{\partial \Phi_B}{\partial t} = -\mathcal{E} \quad -\mathcal{E} = L \frac{dI}{dt}$

$\mathcal{E} = -\frac{d\Phi_B}{dt}$ To force $+\frac{dI}{dt}$



$\Phi_2 = M_{12} I_1 \quad -\mathcal{E}_2 = M_{12} \frac{dI_1}{dt}$



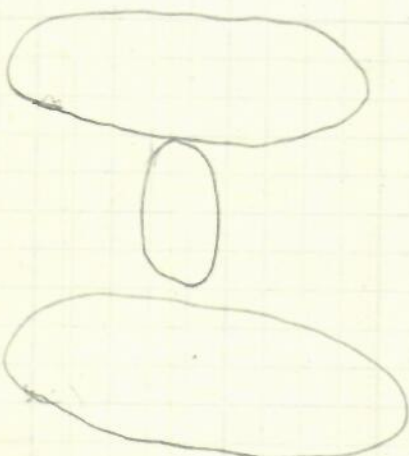
A



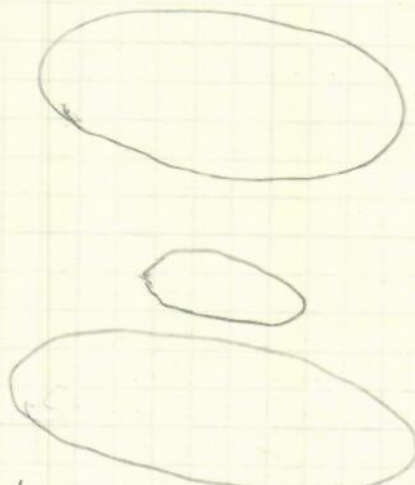
C

$\Phi_1 = M_{21} I_2 \quad -\mathcal{E}_1 = M_{21} \frac{dI_2}{dt}$

B



D



Which is biggest Mutual Inductance. Which is smallest
 E Not enough info