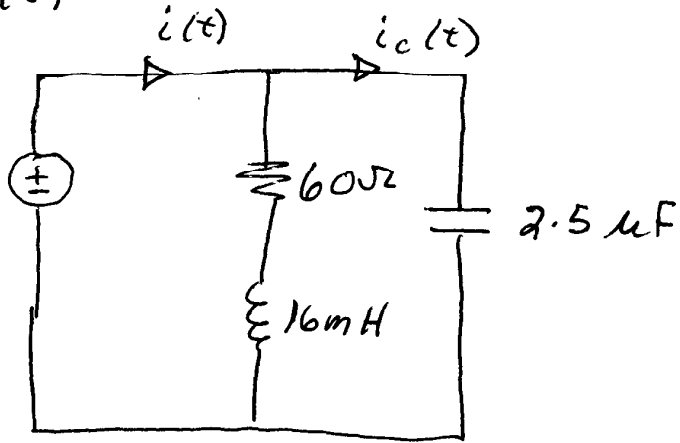


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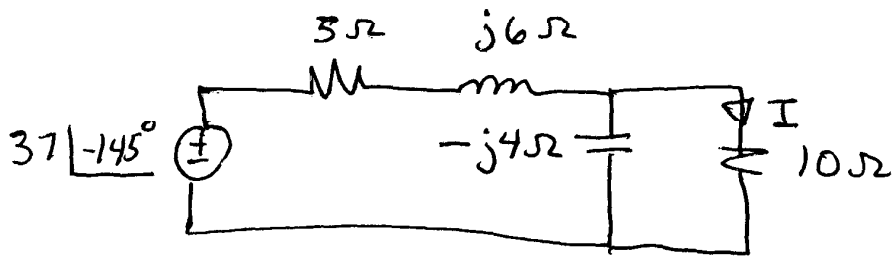
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1. Find $i_c(t)$ & $i(t)$

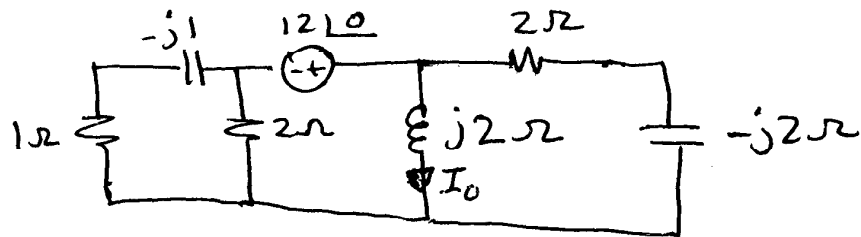
$v(t) = 120 \cos(5000t) \text{ V}$



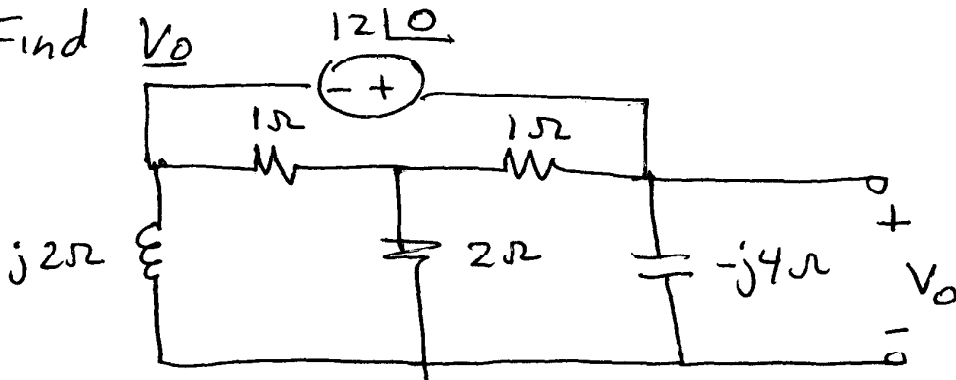
2. Find \underline{I}



3. Find $\underline{I_0}$



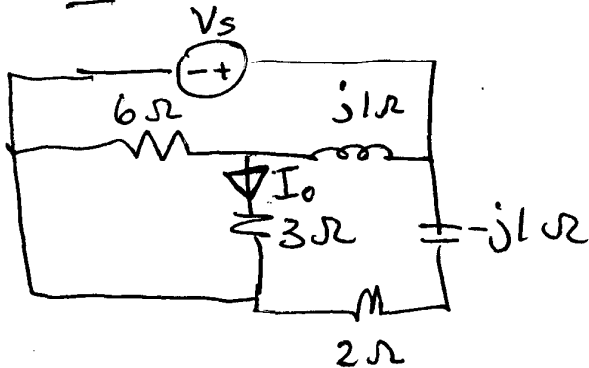
4. Find V_0



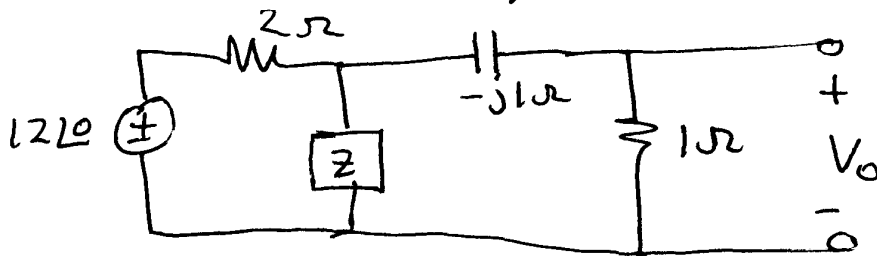
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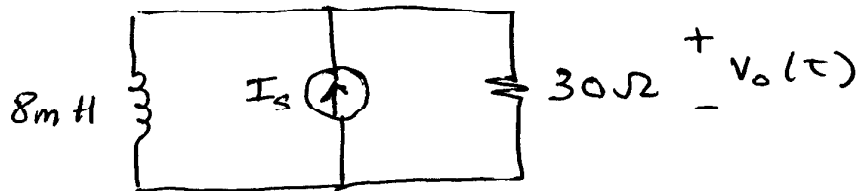
5. Find $\underline{V_s}$ if $I_o = 2 \angle 0^\circ \text{ A}$



6. Given $V_o = 4 \angle 45^\circ$, Find Z



7. Find $V_o(t)$ if $i_s(t) = 100 \cos(5000t + 8.13^\circ) \text{ mA}$



8. Find $\underline{V_o}$

