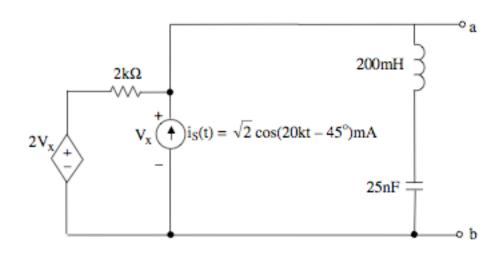


## Ex:



- a) Draw a frequency-domain equivalent of the above circuit. Show a numerical phasor value for  $i_s(t)$ , and show numerical impedance values for R, L, and C. Label the dependent source appropriately.
- b) Find the Thevenin equivalent (in the frequency domain) for the above circuit. Give the numerical phasor value for  $V_{Th}$  and the numerical value for the impedance value of  $z_{Th}$ .

## SOL'N:

