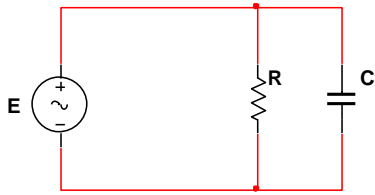
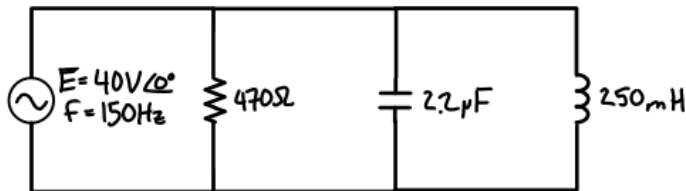


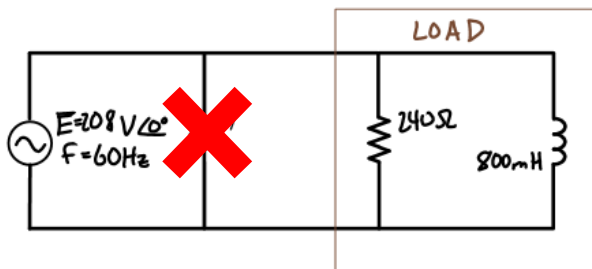
### Power in Parallel AC Circuits (39:33)



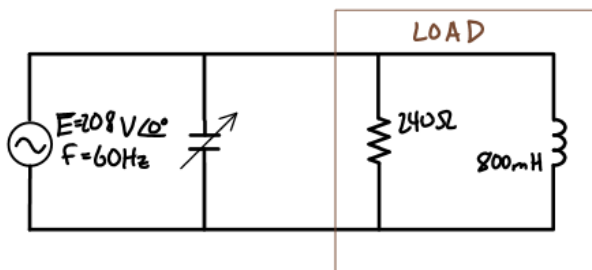
Given  $R = 330\Omega$ ,  $C = 12\mu F$ , and  $E = 120V \angle 60^\circ$  at  $f = 60\text{Hz}$ , solve for voltage, current, apparent, real, and reactive power for each component and the complete circuit.



Given the above information solve for voltage, current, apparent, real, and reactive power for each component and the complete circuit.



Given the above information solve for voltage, current, apparent, real, and reactive power for the load given the power factor correcting element is not in the circuit.



Given the above information solve for voltage, current, apparent, real, and reactive power for the load given the power factor correcting capacitor is set to  $8.8\mu F$ .