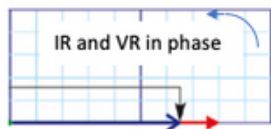
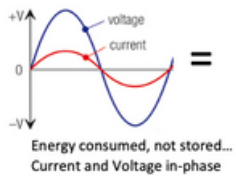
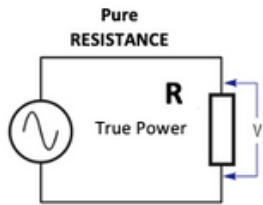


# RESISTANCE (R) : CAPACITANCE (C) : INDUCTANCE (L)

AS SEPERATE COMPONENTS  
IN AN AC CIRCUIT



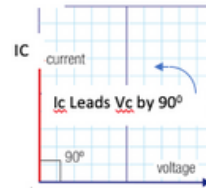
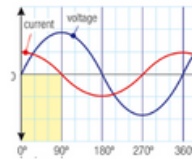
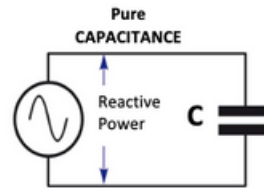
RESISTANCE



$R = V/I$      $V_R$      $I_R$



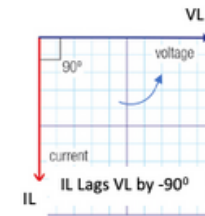
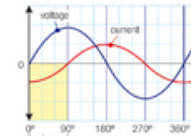
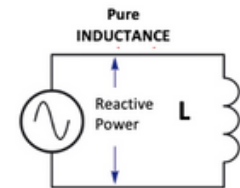
CAPACITANCE



$X_C = 1/2\pi FC$   
 $X_C = V_C / I_C$



INDUCTANCE



$X_L = 2\pi FL$   
 $X_L = V_L / I_L$