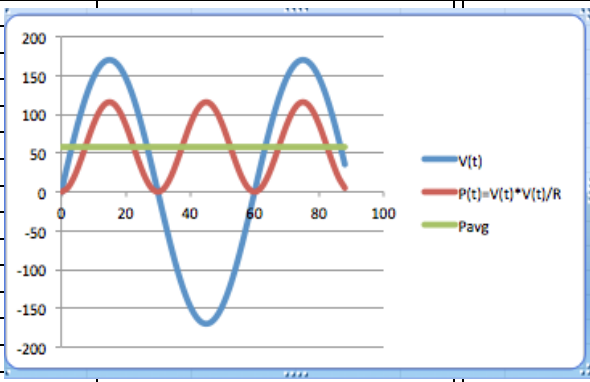


L7Q1	For what values of I_s do both sources supply power?	see diagram			
L7Q2	For what values of I_s does only the current source supply power?	see diagram			
L7Q3	For what values of I_s does only the voltage source supply power?	see diagram			
L7Q4	In what direction does a positive current flow through a resistor?	from a higher potential to a lower potential			
L7Q5	In what direction does a positive current flow through a battery?	from a lower potential to a higher potential if supplying, higher to lower if absorbing (charging, perhaps?)			
L7Q6	With power defined as above, what is the sum of P_s for all circuit elements?		0		
L7	Which of the sources below absorbs power?		C		
L7Q7	What is the peak instantaneous power absorbed by a 250Ω light bulb?		$\approx 120W$		
L7Q8	What is the average power absorbed by a 250Ω light bulb if $A=170V$?		$\approx 60W$		



L7Q9:	What happens to the power and V_{rms} when T_{on} is halved while T is unchanged?	$P_{2avg} = .5 * P_{1avg}$ $V_{2rms} = V_{1rms} / \sqrt{2}$			
-------	---	--	--	--	--

