

L6Q1	Can a voltage across one of the resistors be higher than the total V?	Since resistors are not sources the answer is NO			
L6Q2	Are appliances in your house/apartment connected in series or parallel?	parallel			
L6Q3	In a parallel connection, does a smaller or larger resistor absorb more power?	path of least resistance			
L6Q4	If 6V falls across a series combination of 1k Ω and 2k Ω what is the voltage across the 2k Ω resistor?	4 V			
L6Q5	If 0.15A flows through a parallel combination of 1k Ω and 2k Ω what is I through the 2k Ω resistor?	0.05 A		50 mA	
L6Q6	If a source supplies 60W to a series combination of 10 Ω and 30 Ω , what is the power absorbed by the 10 Ω resistor? What is absorbed by the 30 Ω resistor?	15W and 45W respectively.			
L6Q7	If a source supplies 300mW to a parallel combination of 3k Ω and 2k Ω , what is the power absorbed by the 3k Ω resistor? What is absorbed by the 2k Ω resistor?	120mW and 180mW respectively			