3. What is the Resistance at wulb 2?

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Name:_		
Blk:	Date:	

I \	9.1 Series and Parallel Circuits
	Series Circuits: read pgs 308-310 There is only a pathway for current to flow
	The <u>Sum</u> of the voltages lost on the loads equals the <u>voltage</u> supplied by the battery
	Current measured anywhere in the series circuit will be the sume
	hesishors placed in series Increase the total resistance of the circuit.  1. What is the Voltage of bulb 1?
2v= (>)	Bould 2 bulb 1
	4:04 Da, DA of boulb 1?
	Parallel Circuits: read pgs 310 - 314  YMULTIPLE pathways for current to flow, adding more pathways  decrease resistance
	Voltage remains the <u>Same</u> through each pathway of the parallel circuit
	Current (amy)
	resistance of the circuit.  Note that current travels through
304 ?	Dulb 1   bulb 3   Total = bulb 1 + bulb 2 + bulb 3   Total = bulb 1 + bulb 2 + bulb 3   QDA = 400 + 1 1 2.0A
	9.0 - 6.0 A = 30 A)  9.0 A  1