/	DC Circuits 9.L Brightness vs. Label	ed Wattage	
	NAME	DATE	
	Scenario Consider two different light bulbs A and B, which are connected to a source of emf in parallel, Bulb A connected to the same source of emf in series, Bulb B in the parallel circuit.	A is brighter than Bulb $B.$ When the bulbs are lat	
	Using Representations Sketch a circuit diagram for the two bulbs (A and B) in series and in parallel.		
	Series	Parallel	
	Quantitative Analysis Which light bulb has a greater resistance? Justify	y your reasoning.	

PART D:	Argumentation In a clear, coherent, paragraph-length response that may include figures and/or equations, explain why bulb B is brighter than bulb A in series but bulb A is brighter than bulb B in parallel and why both bulbs in series are dimmer than the bulbs in parallel.	