

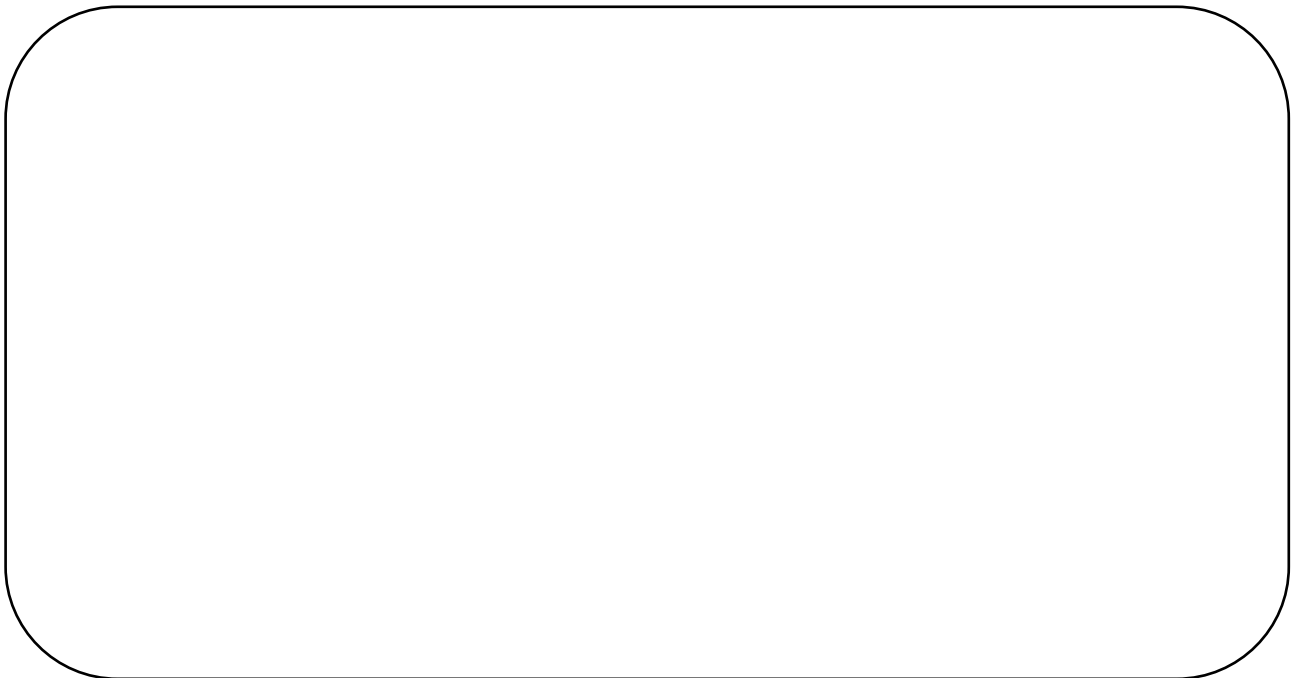
## DRAWING CIRCUITS WORKSHEET:

COMPONENT	WHAT DOES IT DO?	DRAWING
BATTERY	The battery is the source of _____ and _____ of a circuit. It has a <i>negative</i> end, where electrons come out of and, a <i>positive</i> end where electrons return.	
WIRE	The _____ electrons travel on in the circuit	
LIGHTBULB	Source of _____. Uses the power from the battery to light up. If the circuit is open or not working, the light will not shine. Lightbulbs are a source of _____ in a circuit.	
RESISTOR	Is a source of _____ for a circuit. Can be useful to reduce the flow of _____	
SWITCH	A switch is a part of the circuit that we can open and close as we want. We can _____ the circuit by opening the switch and _____ the circuit when we close it. An example is a light switch.	
VOLTMETER	A voltmeter is a tool that can help us measure the _____ of a circuit in volts.	
AMMETER	An Ammeter is a tool that can help us measure the _____ of a circuit in amperes.	

Using your symbols, draw a simple **SERIES** circuit with **2** Lightbulbs



Using your symbols, draw a simple **PARALLEL** circuit with **2** Lightbulbs (Make it so one burnt bulb will still allow the other to be on)



Give a brief description of the differences between a parallel and series circuit:

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