World of Light & Electricity WS1.1

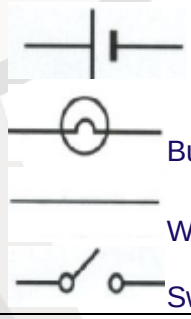
Name: _____ Class:_____Date:_____

Understanding Closed Circuit

(I). Record different types of closed circuits according to experiments and activities in class.

1. This is a _____circuit.

Physical Representation

Circuit Diagram	
	Legend  Battery Bulb Wire Switch

Here are defects of such closed circuit: _____

_____

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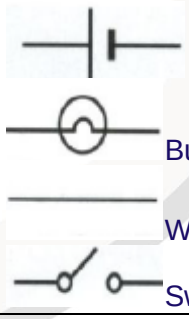
2. This is a _____circuit.

Physical Representation

Circuit Diagram	
	Legend  Battery Bulb Wire Switch

Here are the merits of such closed circuit: _____

_____

_____

_____

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(II). Is series or parallel closed circuit used in the power supply system of a common household? Try to state your ideas in detail.
(Tips: Think it over based on characteristics of the two circuits above.)

Enrichment resources:

Electricity and life: Closed circuit
http://energy-efficiency.qed.hkedcity.net

Circuit: Quiz (English)

http://www.allaboutcircuits.com/worksheets/circuits.html

Parallel and series circuits of electric fan and lamp

http://www.youtube.com/watch?v=Q-fUYs6-Psk

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