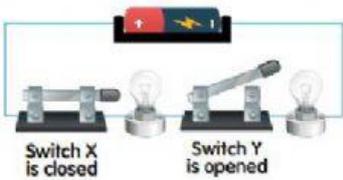


Name: _____

Difference between series circuit and parallel circuit

 <p style="text-align: center;">Circuit A</p>	<p>Diagram</p>	 <p style="text-align: center;">Circuit B</p>
<p>.....</p>	<p>Type of circuit</p>	<p>.....</p>
<p>Circuit A only has electric path</p>	<p>Number of electric paths</p>	<p>Circuit B haselectric path.</p>
<p>Bulb in circuit A isthan bulbs in circuit B.</p>	<p>Brightness of the bulbs</p>	<p>Bulb in circuit B isthan bulbs in circuit A.</p>
<p>Bulbs in circuit A electric current.</p>	<p>Condition</p>	<p>The total electric current flow through each path in circuit B is</p>
<p>1. Number of 2. Number of</p>	<p>Factors effect the brightness of the bulbs</p>	<p>1. Number of</p>
<p>When either switch X or switch Y is opened, the bulb</p>	<p>Switch on & Switch off</p>	<p>When switch Y in second branches is opened, the bulb B on second branches</p>

		However, when the switch X is closed in first branches, the bulb on first branches
In series circuit, when one of the switches is opened, it become electric circuit, the electric current	Why the bulb in do not light up?	In parallel circuit, when the switch on second branches is turned, the bulb cannot light up because circuit on second branches However, when the switch on first branches is turned, the bulb A can light up because electric current can through it.