

Name: _____

Period: _____

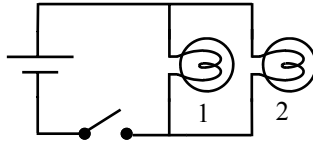
Increase or Decrease?

If I need to increase the current in a circuit, what should I do about the voltage?

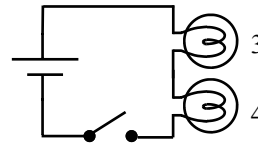
If my current decreases in a circuit, what happened to my resistance?

If I want brighter light bulbs, what should I do about the current?

Label the following diagrams as series or parallel circuits:



A. _____



B. _____

If I unscrew light bulb 2, what happens to light bulb 1?

If I unscrew light bulb 4, what happens to light bulb 3?

Work on back

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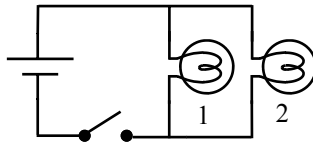
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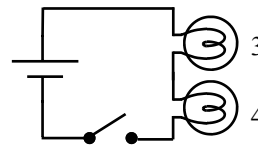
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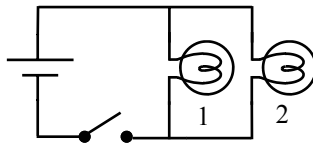
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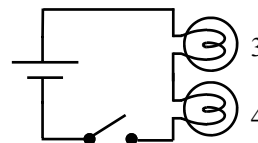
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Work on back

Don't forget the front side

A circuit has a 9 volt battery and a 3 ohm light bulb.
Find the current in the circuit.

Voltage:

Resistance:

Formula:

Solution:

A circuit has a current of 2 A and a 3 Ω light bulb. How
much voltage does the battery have?

Current:

Resistance:

Formula:

Solution:

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