Name: _

Period:

voltage?

Increase or Decrease?

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

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?

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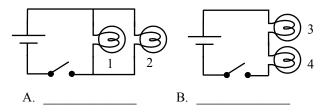
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HW—7:1 — Types of Circuits and Ohm's Law Mr. Murray, IPC www.aisd.net/smurray

Assigned: Wend., 3/31/04 Due: Fri., 4/2/04

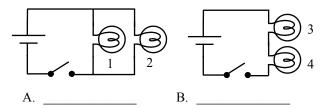
Label the following diagrams as series or parallel circuits:



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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| Name: | | |
|---------|------|--|
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voltage?

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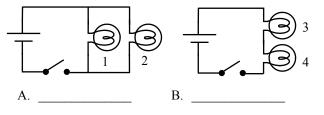
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Work on back

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. | A circuit has a current of 2 A and a 3 Ω light bulb. How much voltage does the battery have? |
|--|---|
| Voltage: | Current: |
| Resistance: | Resistance: |
| Formula: | Formula: |
| Solution: | Solution: |
| | |

Don't forget the front side

| HW 7:1 |
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