

### **Answer on Question #44137-Physics-Electric Circuits**

Current decreases when passing through a resistor and then increases again upon exiting. Is it true or wrong explain in each case.

#### **Answer**

It is wrong. The current is the same in the wires that lead to the resistor and in any part of the resistor itself. The thing that changes is the voltage. Of course different parts of a circuit (if something other than a simple series circuit) can have different currents in different parts.