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| Analyze & Interpret: Learning Outcome 1Students will analyze and interpret the ohm’s law for a basic series electrical circuit (DC circuit) |
| **When students analyze and interpret, they…**  |

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| Articulate | Compare | Differentiate | Gather | March | Resolve |
| Assemble | Contrast | Discover | Identify | Organize | Select |
| Break down | Decipher | Discuss | Inspect | Outline | Separate |
| Calculate | Define | Dissect | Investigate | Paraphrase | Signify |
| Categorize | Detail | Distinguish | Label | Relate | Summarize |
| Choose | Determine | Examine | Map | Rephrase | Understand |
| Clarify |  | Find |  |  |  |

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| **To help students analyze & interpret, the tutor/Instructor asks…** | \* What do you already know about the definition and application of ohm’s law?\* What have you learned about ohm’s law and DC series circuits?\* What do you want to know about ohm’s law application?\* What can you say about calculate voltage for a register, given the current?\* What do you think about the importance of this law?\* How would you explain ohm’s law in terms of V,I &R?\* What would you use to support ohm’s law explanation for a DC series circuit?\* What is relevant to the calculation of V in terms of I,R?\* What information is most important to calculate voltage across a register?\* How would I best organize the information on the steps to calculate voltage?\* How would I categorize of classify the different parts of the circuit? | \* What is the purpose or motive of studying how to apply ohm’s law?\* What are my assumptions about circuit operation? Additional Questions:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |