| | Scenario The circuit at the roohmic light bulbs. | Resistance A is t | he greatest, and C | is the least. | A | |
|----|---|---------------------|--------------------|------------------|------------------------|------------------|
| A: | Quantitative Analysis \equiv $B \rightleftharpoons$ | | | | | |
| | Greatest / | Least / | Greatest ∆V | Least ∆V | Greatest brightness | Leas brightne |
| | Justify your ranking | ngs. | 1—11 | 1—11 | | |
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| В: | Suppose that $R_{\scriptscriptstyle A}=$ | 4D 1D 2 | | | | |

UNIT

| ii. | i. Calculate the rate at which energy is delivered to Resistor A, $P_{\scriptscriptstyle A}$, in terms of $P_{\scriptscriptstyle C}$. | | | | | |
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