



RC Time Constants

Study Guide

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| Name: | Period: | Date: |
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NOTE: This Study Guide provides a systematic format for condensing and organizing your notes without laborious recopying. The left hand space contains key words or cues that you should focus on during this topic's study. Add keywords to this section as you study. Write down details addressing these cues in the right hand space. This is a good place for your drawings, tables, and charts as well. After you have completed your lesson, study your notes carefully and then write a topic summary in the area at the bottom of the page. Use additional sheets if necessary.

| Main Ideas | Details |
|--------------------------|---------|
| Capacitor | |
| Plate | |
| Dielectric | |
| Time Constant | |
| $Q=VC$ | |
| Exponential Curve | |
| Charge/Discharge | |
| τ | |
| General Formula | |

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| Summary: |
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