

Name \_\_\_\_\_

**SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.**

1) What does the BCI group number mean?

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2) What are the three most commonly used battery-rating methods?

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3) Why can a discharged batteries freeze?

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4) Why can a battery explode if exposed to an open flame or spark?

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5) What is meant by a sulfated battery?

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## Answer Key

Testname: SHORT 50

- 1) Battery sizes are standardized by the Battery Council International (BCI). When selecting a replacement battery, check the specified group number in service information, battery application charts at parts stores, or the owner's manual.  
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- 2) The three most commonly used battery ratings are CA, CCA, and reserve capacity.  
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- 3) Discharged batteries can freeze because the electrolyte becomes almost water.  
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- 4) Batteries can explode if exposed to a flame or spark because they release hydrogen and oxygen from the vents.  
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- 5) When a battery is left in a discharged condition, the lead sulfate re-crystallizes into hard lead sulfate. This process is called sulfation or a sulfated battery.  
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