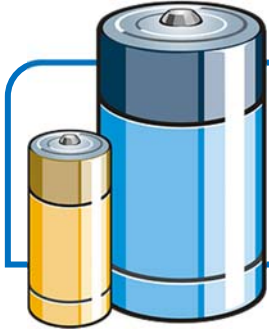


Name \_\_\_\_\_



## Battery Boost

**Directions:** Read the scientific text. Use the evidence to revise the weak claim into a stronger scientific claim.

A science class tested how temperature affects how long a rechargeable battery can power a small motor. Three identical motors were each connected to identical fully charged batteries. One battery was kept in a freezer at 20 degrees Fahrenheit. One battery stayed at room temperature at 72 degrees Fahrenheit. One battery was warmed to 100 degrees Fahrenheit using a controlled heat box. Each motor was timed until it stopped running. The cold battery powered the motor for 18 minutes. The room temperature battery powered the motor for 34 minutes. The warm battery powered the motor for 41 minutes. The experiment was repeated three times with similar results each time.

**Weak Claim:** Warm batteries work better than cold batteries.

### Claim Revision Task

1. Identify two pieces of **evidence** from the text that relate to the weak claim.

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2. Explain why the original claim is **too vague or weak**.

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3. Rewrite the claim so it is **specific, measurable, and supported by evidence** from the text.

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