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**Procedure:** (See lab handout)
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Procedure: (See lab handout)
Data:

<table>
<thead>
<tr>
<th>Element</th>
<th>Luster (shiny or dull)</th>
<th>Malleable or Brittle</th>
<th>Reaction with acid</th>
<th>Reaction with CuCl2</th>
<th>Conductivity</th>
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</table>
Analysis:

1. Sort the eight coded elements into three groups (metals, nonmetals, and metalloids) based on their physical and chemical properties.

2. For each element, explain why you classified it as a metal, nonmetal, or metalloid.
Conclusion: (In paragraph form, complete the steps below)

Restate the purpose

Summarize your results

State whether your hypothesis was supported or not and why

Suggest improvements, modifications, or further experiments