How can you compare conductivity of metals and nonmetals?

Hypothesis: If the electrical conductivity in an electrical circuit decreases, then the brightness of the light bulb…..

|  |  |  |
| --- | --- | --- |
| Material | Observation | Rank |
| Wood |  |  |
| Iron nail |  |  |
| Copper wire |  |  |
| graphite |  |  |

Analyze and conclude:

1. How did the light bulb act as a conductivity tester?

2. Explain why copper is used to make wire.