

## Lesson 8.1 CER Example and Discussion

CLAIM: Iron and aluminum are different from each other.

EVIDENCE: Iron scratched all of the metals we tested and aluminum did not scratch any of the metals we tested. This means iron is harder than aluminum.

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REASONING: ***Why does your evidence support your claim?***

- According to scientific principle #10, materials that have different properties are different substances.
- Hardness is a property of metals.
- Since iron and aluminum do not have the same hardness, this means they are different from each other.

**Discussion:** Which part, or parts, of the reasoning do you think are needed in order to properly link the claim and evidence?