

* **Special Notes:** Reactants = starting materials or “old stuff”. Products = ending materials or “new stuff”.

Question: Is burning magnesium a chemical reaction?

Claim (Write 1 complete sentence) (*Remember not to start a claim with “yes” or “no”):

Evidence:

- Evidence Paragraph: Properties
 - What are the **reactants** (starting materials) of the lab? (Page 20)
 - What are the **products** (ending materials) of the lab? (Page 20)
 - Compare the **colors** of reactants and products (Page 19):
 - Compare the **malleability** of reactants and products (Page 19):
 - Compare the **solubility** of the reactants and products in vinegar (Page 19):
- Evidence Paragraph: Rearranging reactants
 - Explain how the atoms rearranged to change from the reactants to products. Describe how the atoms were arranged before they react and how they were arranged after. (Page 20)

Reasoning:(Write complete sentences).

- What is a **scientific principle** that matches this lab about burning as a chemical reaction? Type out the entire principle.
- Are the **reactants** that same substance as the **product**? Why? (Use another scientific principle here.)
- What did the atoms of the **reactants** do in order to become the **product**? (Page 20- model)
- Why does this information show that there was a **chemical reaction**?