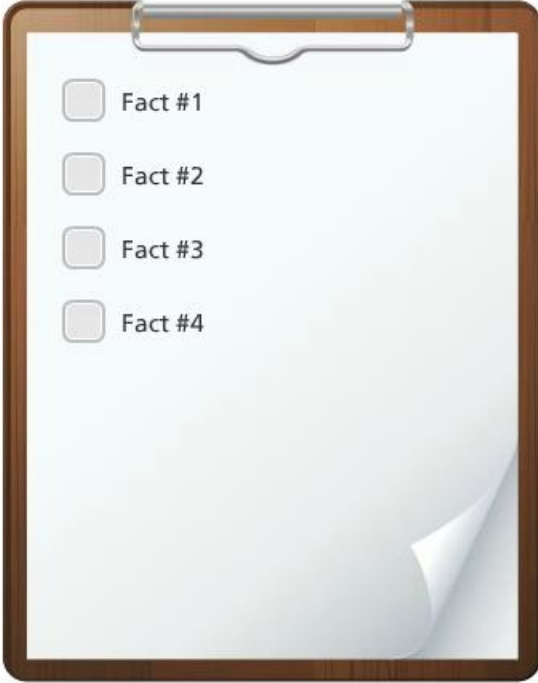


Module 8: Thermochemistry

Topic 2 Content: Review Facts about Catalysts

Introduction

Review Facts about Catalysts



- Fact #1
- Fact #2
- Fact #3
- Fact #4

Introduction

In this activity, click the checkboxes from the clipboard to review facts about catalysts.

In this activity, click the checkboxes from the clipboard to review facts about catalysts.

Module 8: Thermochemistry

Topic 2 Content: Review Facts about Catalysts

Fact #1

Review Facts about Catalysts

Fact #1

Fact #2

Fact #3

Fact #4

Fact #1

$$2 \text{H}_2\text{O}_2 \xrightarrow{\text{HBr}} 2 \text{H}_2\text{O} + \text{O}_2$$

A catalyst is **NOT** a reactant or a product. The catalyst is written above the arrow in a chemical equation.

A catalyst is **NOT** a reactant or a product. The catalyst is written above the arrow in a chemical equation.

Module 8: Thermochemistry

Topic 2 Content: Review Facts about Catalysts

Fact #2

The graphic is titled "Review Facts about Catalysts" and features a clipboard on the left with a checklist of four items: Fact #1, Fact #2, Fact #3, and Fact #4. The checkboxes for Fact #1 and Fact #2 are checked, while Fact #3 and Fact #4 are unchecked. A white arrow points from the "Fact #2" entry on the clipboard to a text box on the right. The text box is titled "Fact #2" and contains the text: "A catalyst is **NOT** consumed by a reaction. Remember, the catalyst is only accelerating the reaction."

A catalyst is **NOT** consumed by a reaction. Remember, the catalyst is only accelerating the reaction.

Module 8: Thermochemistry

Topic 2 Content: Review Facts about Catalysts

Fact #3

Review Facts about Catalysts

- Fact #1
- Fact #2
- Fact #3
- Fact #4

Fact #3

Reaction Profile

Enthalpy

Reaction Path

Less activation energy is needed in the catalyzed reaction.

Catalyzed Reaction

A catalyst does not make a reaction happen; it provides a reaction pathway that requires less activation energy.

A catalyst does not make a reaction happen; it provides a reaction pathway that requires less activation energy.

Module 8: Thermochemistry


Topic 2 Content: Review Facts about Catalysts

Fact #4

Review Facts about Catalysts

- Fact #1
- Fact #2
- Fact #3
- Fact #4

Fact #4



A catalyst speeds up a reaction.

A catalyst speeds up a reaction.