QUEBEC CHEMISTRY, SECONDARY V · UNIT B · 5 QUESTIONS

Energy Changes in Reactions — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1

Arctic coastline with broken sea ice and snow-covered shore, Alaska. In a reaction the total bond energy broken is 600 kilojoules per mole and the total bond energy formed is 950 kilojoules per mole. The enthalpy change, in kilojoules per mole, is



ANSWER

Understand It with Pulse

Flag a mistake

2 **The difference in energy between products and reactants is the enthalpy**

A change

B activation

C formation

D combustion

Understand It with Pulse | Flag a mistake

3 **The enthalpy change of an endothermic reaction is**

A negative

B zero always

C unmeasurable

D positive

Understand It with Pulse | Flag a mistake

4 **The enthalpy change of an exothermic reaction is**

A positive

B zero always

C negative

D unmeasurable

Understand It with Pulse | Flag a mistake

5 **The first law of thermodynamics states that energy cannot be created or**

A measured

B stored

C destroyed

D transferred

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. -350
2. A
3. D
4. C
5. C

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