NEWFOUNDLAND AND LABRADOR CHEMISTRY 3202 · UNIT C · 5 QUESTIONS

Thermochemistry — 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 **The first law of thermodynamics states that energy cannot be created or destroyed, only**

- A transferred or transformed
- B released as heat only
- C stored as mass
- D measured in moles

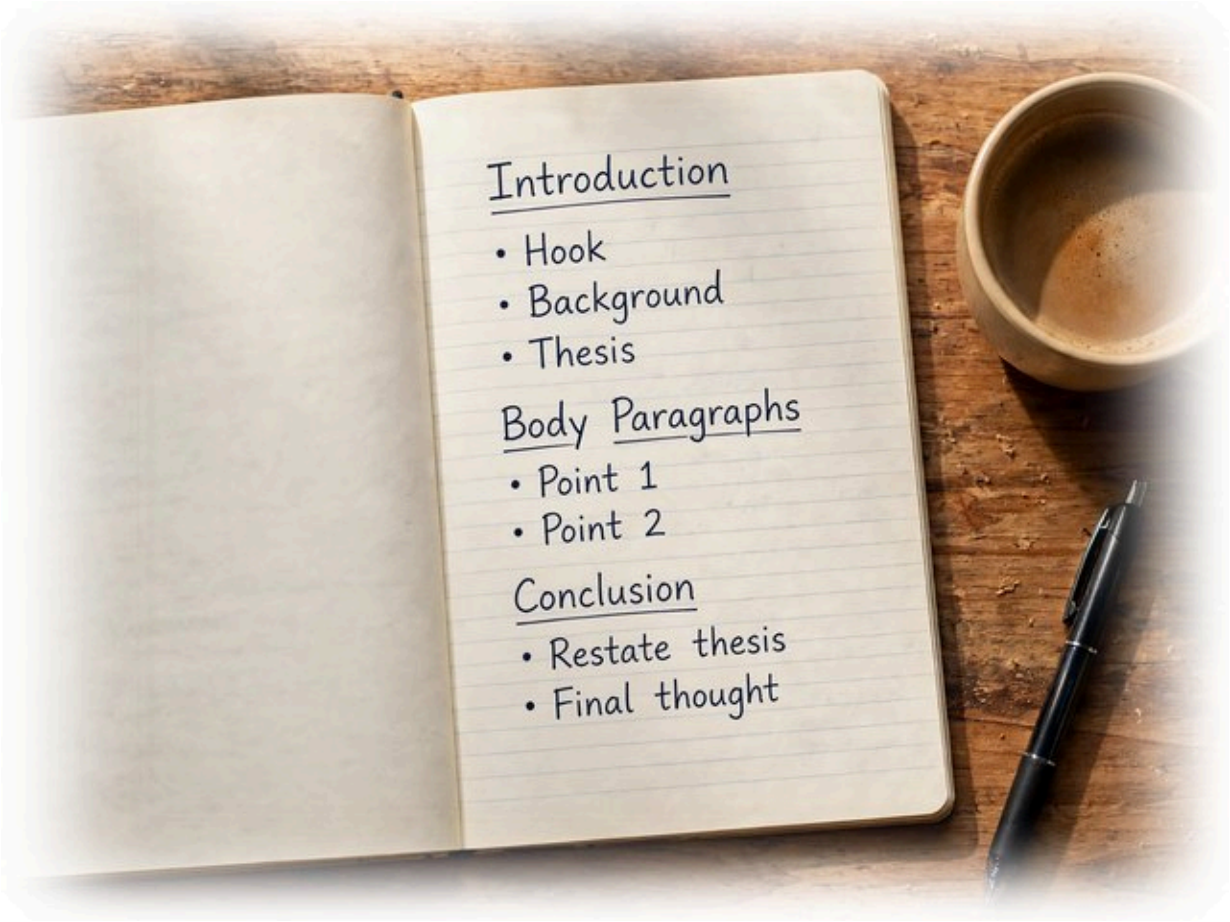
Understand It with Pulse | Flag a mistake

2 **Specific heat capacity is the heat needed to raise one gram by**

- A ten degrees
- B one degree
- C one mole
- D one litre

Understand It with Pulse | Flag a mistake

3 **An open notebook showing a handwritten essay outline, a pen and a cup of coffee beside it. A coffee cup calorimeter is used at constant**



A volume

B mass

C pressure

D density

Understand It with Pulse | Flag a mistake

4 **An enthalpy diagram for an exothermic reaction shows products at a lower energy than**

- A catalyst
- B surroundings
- C container
- D reactants

Understand It with Pulse | Flag a mistake

5 **An enthalpy diagram for an endothermic reaction shows products at a higher energy than**

- A reactants
- B catalyst
- C surroundings
- D container

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. A
2. B
3. C
4. D
5. A

© 2026 Brett Robbins. All Rights Reserved.