PRINCE EDWARD ISLAND CHEMISTRY 12 · UNIT A · 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 **Clear glass of water on a plain white surface. Heating 100 grams of water by 20 degrees Celsius with a specific heat capacity of 4 joules per gram per degree Celsius absorbs this many joules**



ANSWER

Understand It with Pulse | Flag a mistake

2 **Heating 300 grams of water by 10 degrees Celsius with a specific heat capacity of 4 joules per gram per degree Celsius absorbs this many joules**

ANSWER

Understand It with Pulse | Flag a mistake

3 **A reaction releases 120 kilojoules. The enthalpy change in kilojoules, with sign, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **Step enthalpies of -300 and 100 kilojoules sum to this many kilojoules**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **Entropy increases when a system becomes**

A more disordered

B more ordered

C colder

D smaller

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 8000
2. 12000
3. -120
4. -200
5. A

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