

Thermochemical Equations

- **Thermochemical equations** are balanced chemical equations that include the physical states of all reactants and products and the energy change.
- $2\text{H}_2\text{O}(\text{l}) \rightarrow 2\text{H}_2(\text{g}) + \text{O}_2(\text{g}) \quad \Delta\text{H} = 572 \text{ kJ}$
- $\text{CH}_4(\text{g}) + 2\text{O}_2(\text{g}) \rightarrow \text{CO}_2(\text{g}) + 2\text{H}_2\text{O}(\text{g})$
 $\Delta\text{H} = -802 \text{ kJ}$

1thermochemistry Heat And Chemical Change Answers

Disha Experts



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Chemistry-vol-I Dr Vijay Sarda, Dr A C Handa, Dr K K Arora, A text book on Chemistry *Chemistry WB 6* Pronita Das, These workbooks are based on the Living Science textbooks of Physics Chemistry and Biology Keeping educational objectives in mind each chapter is divided into four sections which have knowledge understanding application and skill based questions Adequate space is provided for writing answers and drawing diagrams **U.S. Government Research Reports**, 1962

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