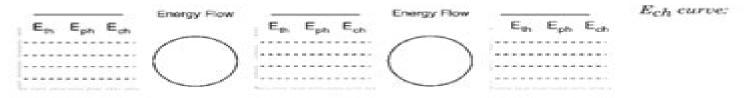
Unit 7 Supplement to Worksheet 4 Representing Chemical Potential Energy in Reactions

For each of the reactions below, write the balanced chemical equation, including the energy term on the correct side of the equation. Then represent the energy storage and transfer using the bar graphs and sketch the chemical energy curve.

 When a small piece of sodium metal is dropped into a beaker of water, hydrogen gas and a solution of sodium hydroxide are products. The solution becomes warm.

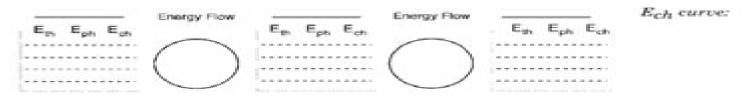
Chemical equation including energy



Reasoning for the above diagrams:

Heating potassium chlorate powder produces potassium chloride and oxygen gas.

Chemical equation including energy



Reasoning for the above diagrams:

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Cambridge IGCSETM Chemistry Teacher's Guide (Collins Cambridge IGCSETM) Chris Sunley, 2022-02-03 Prepare students with complete coverage of the revised Cambridge IGCSETM Chemistry syllabus 0620 0971 for examination from 2023 Collins Cambridge IGCSE Chemistry Teacher's Guide is full of lesson ideas practical instructions technician's notes planning support and more Salters Advanced Chemistry George Burton, 2000-07-31 The texts in the Salters Advanced Chemistry series have been updated to match the specifications for A Level Chemistry from September 2000 This supplement pack is designed to help teachers to use the original editions of the texts until they can be replaced Resources in Supplement to Mellor's Comprehensive Treatise on Inorganic and Theoretical Chemistry: pt. B1. Education ,1998 Boron-Hydrogen compounds Joseph William Mellor, 1924 El-Hi textbooks in print R. R. Bowker LLC,1983 Reader's Guide to Periodical Literature Supplement, 1925 Industrial Arts and Vocational Education, 1926 Industrial-arts Magazine ,1926 Scientific American, 1908 British Abstracts ,1928 Ceramic Abstracts ,1966 Engineering **Vocational Education News Notes** ,1922 Index ,1928 The School Science Review ,2004 **Industrial Arts & Vocational Education** .1920 Standard Rate & Data Service .1941 INIS Reference Series ,1979 **Books** and Pamphlets, Including Serials and Contributions to Periodicals Library of Congress. Copyright Office, 1974 Educator's Complete ERIC Handbook Prentice-Hall, Inc.1968 The Electrical Journal ,1897

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