

# PHYSICAL SCIENCES P.2

# MEMO-2024



basic education

Department:  
Basic Education  
REPUBLIC OF SOUTH AFRICA

G.12

NATIONAL  
SENIOR CERTIFICATE

Diagram on page 9 is redrawn below for easy reference.



Changes to the conditions of equilibrium are made at different times. The graph shows the results obtained. X, Y and Z represent the gases in the above reaction.



2.1.1 Define for both chemical equilibrium

Use the graph to answer the questions below.

The inorganic reagents shown below are available for reactions IV and Y.

Br <sub>2</sub>	H <sub>2</sub> SO <sub>4</sub> (conc.)	NaOH(aq.)	HBr	H <sub>2</sub>
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4.5 Write down the TYPE of elimination in reaction III.

4.6 Compounds R and T are positional isomers.

4.7 Identify the reaction in the above diagram that is a redox reaction.



4.8 Write the half-cell reaction for the anode in the above cell.

4.9 Write the overall cell reaction for the above cell.

5.1 Write down the name of the reaction in the above diagram.

5.2 Write down the name of the reaction in the above diagram.



5.3 Write down the name of the reaction in the above diagram.

5.4 Write down the name of the reaction in the above diagram.

5.5 Write down the name of the reaction in the above diagram.

5.6 Write down the name of the reaction in the above diagram.

# Physical Science Exemplar 2014 Grade 12 Memorandum

**N Noddings**



**Physical Science Exemplar 2014 Grade 12 Memorandum:**

**Glencoe Physical Science** Charles W. McLaughlin, 2012      *Physical Science* ,

This book delves into Physical Science Exemplar 2014 Grade 12 Memorandum. Physical Science Exemplar 2014 Grade 12 Memorandum is a crucial topic that must be grasped by everyone, from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Physical Science Exemplar 2014 Grade 12 Memorandum, encompassing both the fundamentals and more intricate discussions.

1. This book is structured into several chapters, namely:
    - Chapter 1: Introduction to Physical Science Exemplar 2014 Grade 12 Memorandum
    - Chapter 2: Essential Elements of Physical Science Exemplar 2014 Grade 12 Memorandum
    - Chapter 3: Physical Science Exemplar 2014 Grade 12 Memorandum in Everyday Life
    - Chapter 4: Physical Science Exemplar 2014 Grade 12 Memorandum in Specific Contexts
    - Chapter 5: Conclusion
  2. In chapter 1, the author will provide an overview of Physical Science Exemplar 2014 Grade 12 Memorandum. This chapter will explore what Physical Science Exemplar 2014 Grade 12 Memorandum is, why Physical Science Exemplar 2014 Grade 12 Memorandum is vital, and how to effectively learn about Physical Science Exemplar 2014 Grade 12 Memorandum.
  3. In chapter 2, the author will delve into the foundational concepts of Physical Science Exemplar 2014 Grade 12 Memorandum. This chapter will elucidate the essential principles that must be understood to grasp Physical Science Exemplar 2014 Grade 12 Memorandum in its entirety.
  4. In chapter 3, this book will examine the practical applications of Physical Science Exemplar 2014 Grade 12 Memorandum in daily life. The third chapter will showcase real-world examples of how Physical Science Exemplar 2014 Grade 12 Memorandum can be effectively utilized in everyday scenarios.
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  6. In chapter 5, this book will draw a conclusion about Physical Science Exemplar 2014 Grade 12 Memorandum. The final chapter will summarize the key points that have been discussed throughout the book.
- This book is crafted in an easy-to-understand language and is complemented by engaging illustrations. It is highly recommended for anyone seeking to gain a comprehensive understanding of Physical Science Exemplar 2014 Grade 12 Memorandum.

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