

# PHYSICAL SCIENCES P.2

# MEMO-2024



basic education

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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.



4.5 Write down the TYPE of elimination in reaction III.

4.6 Compounds R and T are positional isomers.

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

Br <sub>2</sub>	H <sub>2</sub> SO <sub>4</sub> (conc.)	NaOH(aq.)	HBr	K <sub>2</sub>
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4.7 Define for both chemical equilibrium.

Use the graph to answer the questions below.

# Physical Science Exemplar 2014 Grade 12 Memorandum

**Ying Liu**



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