

Name: _____ () Class: _____ Date: _____

The Periodic TableGeneral Properties of the Periodic Table

1. The Periodic Table is a table that groups elements according to certain physical properties or chemical properties.
2. The elements are arranged in order of increasing proton number (atomic number).
3. A **HORIZONTAL** row of elements is known as a Period.
Across a period, the element changes from **metal** character to **non-metal** character.
Elements on left hand side of Periodic Table are _____.
Elements on right hand side of Periodic Table are _____.
4. A **VERTICAL** row of elements is known as a Group.
5. Hydrogen and Helium are in the same Period 1.
They all have _____ electron shell.

Draw out the electronic structure of Hydrogen and Helium below:



Hydrogen



Helium

6. The following elements are in the same Period 2.
They all have _____

Draw out the electronic structure of these elements.

--	--	--	--	--	--	--	--

Lithium

Beryllium

Boron

Carbon

Nitrogen

Oxygen

Fluorine

Neon

7. Lithium is in Group 1. Lithium has _____ outer electron.
Beryllium is in Group 2. Beryllium has _____ outer electrons.
Oxygen is in Group 6. Oxygen has _____

Quick Check

Without reference to the Periodic Table, predict the Period and Group of the elements below:

- | | | | |
|------------------|-------|----------------------|-------|
| a) Ca – 2.8.8.2 | _____ | d) Xe 2.8.18.18.8 | _____ |
| b) S – 2.8.6 | _____ | e) Pb 2.8.18.32.18.4 | _____ |
| c) Ga – 2.8.18.3 | _____ | f) Rb – 2.8.18.8.1 | _____ |

Periodic Table The Science Spot Answer Key

M Planty



Periodic Table The Science Spot Answer Key:

The book delves into Periodic Table The Science Spot Answer Key. Periodic Table The Science Spot Answer Key is a vital topic that must be grasped by everyone, ranging from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into Periodic Table The Science Spot Answer Key, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:

- Chapter 1: Introduction to Periodic Table The Science Spot Answer Key
- Chapter 2: Essential Elements of Periodic Table The Science Spot Answer Key
- Chapter 3: Periodic Table The Science Spot Answer Key in Everyday Life
- Chapter 4: Periodic Table The Science Spot Answer Key in Specific Contexts
- Chapter 5: Conclusion

2. In chapter 1, the author will provide an overview of Periodic Table The Science Spot Answer Key. This chapter will explore what Periodic Table The Science Spot Answer Key is, why Periodic Table The Science Spot Answer Key is vital, and how to effectively learn about Periodic Table The Science Spot Answer Key.
3. In chapter 2, the author will delve into the foundational concepts of Periodic Table The Science Spot Answer Key. The second chapter will elucidate the essential principles that must be understood to grasp Periodic Table The Science Spot Answer Key in its entirety.
4. In chapter 3, this book will examine the practical applications of Periodic Table The Science Spot Answer Key in daily life. This chapter will showcase real-world examples of how Periodic Table The Science Spot Answer Key can be effectively utilized in everyday scenarios.
5. In chapter 4, the author will scrutinize the relevance of Periodic Table The Science Spot Answer Key in specific contexts. The fourth chapter will explore how Periodic Table The Science Spot Answer Key is applied in specialized fields, such as education, business, and technology.
6. In chapter 5, this book will draw a conclusion about Periodic Table The Science Spot Answer Key. The final chapter will summarize the key points that have been discussed throughout the book.
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