

Periodic Table: Virtual Lab Document



Part 1:

Follow the instructions in the Periodic Table Virtual Lab Lesson to color the periodic table.

Click on the image below -> edit -> drop down arrow beside the line -> select tool -> change colors.

H																		He
Li	Be											B	C	N	O	F	Ne	
Na	Mg											Al	Si	P	S	Cl	Ar	
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr	
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe	
Cs	Ba		Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn	
Fr	Ra		Rf	Db	Sg	Bh	Hs	Mt	Uun	Uuu	Uub							
		La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu		
		Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr		

Part 2: Go to chemicalelements.com.

1. Click on Alkali Metals (left bar) to answer the following questions:

- What is the group number? [1]
- Are these metals reactive? [Yes, they are highly reactive]
- Do these metals occur freely in nature? [No, they don't occur freely in nature, but they are found in various minerals.]
- How many electrons are in their outer shell? [1]
- What are the three characteristics of ALL metals? [Shiny luster, good conductors of heat and electricity, malleable and ductile.]
- Are these metals soft or hard? [soft]
- Name the two most reactive elements in this group? [Potassium and Sodium]
- What happens when they are exposed to water? [They react vigorously with water, producing hydrogen gas and an alkaline solution. The reaction can be violent and can even ignite the hydrogen gas produced.]

Periodic Table Grouping Lab Answer Key

Michael Seilmaier

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

Periodic Table Grouping Lab Answer Key:

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

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

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junctions tjs present between the cerebral endo

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