

GRAPHING TRENDS OF THE PERIODIC TABLE

CHEMISTRY

NAME: _____

DATE: _____

PERIOD: _____ Graphing Periodic Table Trends

Directions: Using the provided graph paper, graph each of the elemental properties using a line graph. Place the property on the Y-axis and the Atomic number on the X-axis. Draw a dark, solid, vertical line on each graph where each row on the periodic table ends. (i.e. after atomic number 20). Use the graphs to analyze the trends in these properties and to answer the questions on the back.

Atomic Radius (pm)							
Lithium - 3	157	Sodium - 11	190	Potassium - 19	243	Rubidium - 27	295
Beryllium - 4	112	Magnesium - 12	145	Calcium - 20	194	Strontium - 28	219
Boron - 5	87	Aluminum - 13	175	Gallium - 31	136	Indium - 40	156
Carbon - 6	67	Silicon - 14	111	Germanium - 32	125	Tin - 50	145
Nitrogen - 7	56	Phosphorus - 15	98	Arsenic - 33	114	Antimony - 51	133
Oxygen - 8	48	Sulfur - 16	88	Selenium - 34	103	Tellurium - 52	123
Fluorine - 9	42	Chlorine - 17	79	Bromine - 35	94	Iodine - 53	119

Ionization Energy (kJ/mol)							
Lithium - 3	520	Sodium - 11	496	Potassium - 19	419	Rubidium - 27	403
Beryllium - 4	900	Magnesium - 12	738	Calcium - 20	590	Strontium - 28	550

Atomic Radius



Investigating And Graphing Periodic Trends Answer Key

L Cohen



Investigating And Graphing Periodic Trends Answer Key:

This book delves into Investigating And Graphing Periodic Trends Answer Key. Investigating And Graphing Periodic Trends Answer Key is an essential topic that needs to be grasped by everyone, ranging from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into Investigating And Graphing Periodic Trends Answer Key, encompassing both the fundamentals and more intricate discussions.

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

<https://blog.gospelcrusade.org/public/publication/HomePages/Grade%201time%20Table%20Final%20Examination%20Limpo>

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Spadefoot toad | burrowing, nocturnal, desert 3 days ago — All spadefoot toads are classified in the family Pelobatidae. Spadefoot toads have a broad, horny “spade” projecting from the inside of each Pelobatidae - European Spadefoot Toad Family - Apr 21, 2017 — The family Pelobatidae is the European Spadefoot toads but they aren't just found in Europe, they are also found in Asia and Northern Africa.