

# Chapter 5 Review The Periodic Law

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## Chapter 5 Review The Periodic

### 5 The Periodic Law

CHAPTER 5 REVIEW The Periodic Law SECTION 1 SHORT ANSWER Answer the following questions in the space provided 1 c In the modern periodic table, elements are ordered (a) according to decreasing atomic mass (b) according to Mendeleev's original design (c) according to increasing atomic number (d) based on when they were discovered 2 d Mendeleev noticed that certain similarities in ...

### Review-Chapter 5 The Periodic Table

Review-Chapter 6 The Periodic Table 1 How did Mendeleev arrange the elements?—By atomic mass 2 In the modern periodic table, elements are ordered—By atomic number 3 The modern periodic law states—Elements are arranged in order of increasing elements there is periodic repletion of their physical & chemical properties 4

### CHAPTER 5 REVIEW The Periodic Law - Weebly

CHAPTER 5 REVIEW \ The Periodic Law SHORT ANSWER Answer the following questions in the space provided 1 Consider the neutral atom with 53 protons and 74 neutrons to answer the following questions 53 a What is its atomic number? 127 b What is its mass number? atomic number c Is the element's position in a modern periodic table

### CHAPTER 5 REVIEW The Periodic Law - Google Sites

CHAPTER 5 REVIEW The Periodic Law MIXED REVIEW SHORT ANSWER Answer the following questions in the space provided 1 Consider a neutral atom with 53 protons and 74 neutrons to answer the following questions a

### CHAPTER 5 REVIEW The Periodic Law - Mrs. Rhee Science

Modern Chemistry 5 The Periodic Law CHAPTER 5 REVIEW The Periodic Law SECTION 2 SHORT ANSWER Use this periodic table to answer the following questions in the space provided 1 Identify the element and write the noble-gas notation for each of the following: a the Group 14 element in

Period 4

### CHAPTER 5 REVIEW The Periodic Law

Using only the periodic table in Section 5-2 Review on page 35, give the noble-gas notation of the following: a Br c the element in Group 13, Period 5 d the lanthanide metal with the smallest atomic number 8 Use position in the periodic table and electron configurations to describe the chemical properties of calcium and oxygen 9

### CHAPTER 5 The Periodic Law

In Section 5-2, you will see that the second mystery presented by Mendeleev's periodic table—the reason for periodicity—is explained by the arrangement of the electrons around the nucleus 126 CHAPTER 5 FIGURE 5-4 In each of Groups 1 and 18, the differences between the atomic numbers of successive elements are 8, 8, 18, 18, and 32

### 5 The Periodic Law

CHAPTER 5 REVIEW The Periodic Law SECTION 5-3 SHORT ANSWER Answer the following questions in the space provided 1 When an electron is added to a neutral atom, energy is (a) always absorbed (c) either absorbed or released (b) always released (d) burned away 2 The energy required to remove an electron from an atom is the atom's

### Draft Findings of the Monterey County LCP Periodic Review ...

Draft Findings of the Monterey County LCP Periodic Review December 2003 Chapter 5 ☒ Public Access and Recreation 270 accommodation were estimated at \$1,885 million (an increase of 64% from 1992) 2 The greatest travel spending for accommodations in Monterey County is ...

### Chapter 5 The Periodic Table Investigation 5A Using Clues ...

5 Comparing and Contrasting Which elements are not included in the partial periodic table? Compare the number of elements in the partial periodic table to the number of known elements Go Further Now that you have identified the elements from the list of clues, write at least five additional clues based on information from Chapter 5

### Chapter 5 Atomic Structure and the Periodic Table

PEP - Chemistry/ Chapter 5 Answer Key 5 32 Name two elements that have properties similar to those of the element calcium Many other alkaline earth metals, from Group 2A, such as beryllium and magnesium Chapter 5 Review 35 Would you expect two electrons to attract or repel each other? Why? 52

### 5 The Periodic Law

CHAPTER 5 REVIEW The Periodic Law SECTION 3 SHORT ANSWER Answer the following questions in the space provided 1 When an electron is added to a neutral atom, energy is (a) always absorbed (c) either absorbed or released (b) always released (d) neither absorbed nor released 2 The energy required to remove an electron from a neutral atom is

### Chapter 5 Atoms and Bonding

Chapter 5 Atoms and Bonding The Periodic Table As the atomic number increases, the number of electrons also increases As a result, the properties of the elements change in a regular way across a period Chapter 5 Atoms and Bonding End of Section: Atoms, Bonding, and the Periodic Table

### Answers to Topic 5 Periodic Table from Review Book

The left side of the periodic table is composed of metals, which have few valence electrons Moving to the right, there are more electrons and their mobility is less, reducing their metallic properties When most of the orbitals are filled, the atoms take on nonmetallic characteristics When orbitals

are full, a noble gas configuration is attained

### **5 The Periodic Table SECTION 2 Grouping the Elements**

Interactive Textbook 71 The Periodic Table SECTION2 Grouping the Elements The Periodic Table Name Class Date CHAPTER 5 National Science Education Standards PS 1b, 3e STUDY TIP Graphic Organizer In your notebook, make a Venn Diagram of metals and nonmetals Read about each group of the periodic table Indicate on the Venn Diagram whether the group

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Chapter 5 TEST: The Periodic Table Multiple Choice Identify the choice that best completes the statement or answers the question \_\_\_\_ 1 The order of elements in the periodic table is based on a the number of protons in the nucleus b the electric charge ...

### **CHAPTER 5 REVIEW The Periodic Law - Manasquan Public ...**

Modern Chemistry 35 The Periodic Law CHAPTER 5 REVIEW The Periodic Law SECTION 2 SHORT ANSWER Use this periodic table to answer the following questions in the space provided 1 Identify the element and write the noble-gas notation for each of the following: a the Group 14 element in Period 4

### **Land Conservation and Development Department Chapter ...**

5 completed periodic review work tasks for compliance with the statewide planning goals and 6 applicable statutes and administrative rules, as provided in ORS 197633(3) The director also 7 has authority to review the periodic review evaluation, work program and completed work tasks, 8 as provided in ORS 197633 and 197644 9

### **Assessment Chapter Test A**

Holt McDougal Modern Chemistry 1 Chapter Test Assessment Chapter Test A Chapter: The Periodic Law Use the periodic table below to answer the questions in this Chapter Test In the space provided, write the letter of the term or phrase that best completes ...