Chapter 6.2	Periodic Table Self-Assessment		Name:
•	<ol> <li>An element that is a very reactive nonmetal is mos</li> <li>noble gases.</li> <li>alkali metals.</li> </ol>		halogens.
v	<ul> <li>2. Which statement is true?</li> <li>a. Alkali metals are generally found in their unco</li> <li>b. Alkali metals are Group 1 elements.</li> <li>c. Alkali metals should be stored under water.</li> <li>d. Alkali metals are unreactive.</li> </ul>	mbine	ed form.
•	<ul> <li>3 . Which statement about the periodic table is NOT to a. There are more metals than nonmetals.</li> <li>b. The metalloids are located in Groups 13 through the elements at the far left of the table are non d. Elements are arranged by increasing atomic numbers.</li> </ul>	gh 16. metal	S.
•	<ul><li>4 . One property of most nonmetals is that they are</li><li>a. shiny.</li><li>b. poor conductors of electric current.</li></ul>		flattened when hit with a hammer. solids at room temperature.
•	5 . Most of the elements in the periodic table area. metals.	с.	poor conductors of electric current.
_	<ul><li>b. metalloids.</li><li>6 . Moseley rearranged the elements in Mendeleev's p</li><li>a. chemical symbols.</li><li>b. atomic mass.</li></ul>	d. period c. d.	
•	7 . Alkaline-earth metals than alkali metals. a. are more reactive b. have greater density	c. d.	have lower atomic numbers are more explosive
•	8 . The element is a metalloid. a. silicon, Si b. carbon, C	c. d.	lead, Pb phosphorus, P
V	<ul> <li>9 . The elements in Groups 3–12</li> <li>a. have unstable atoms.</li> <li>b. are poor conductors of electric current.</li> <li>c. have the same physical and chemical propertie</li> <li>d. are solids at room temperature, except for mere</li> </ul>		
•	<ol> <li>1 0 is a gas at room temperature, and its atoms had a. Nitrogen</li> <li>b. Bromine</li> <li>1 1. When an element seemed to be missing from his predicted that the element would be discovered by predicted the properties of the missing element c. left a gap in his table for the missing element.</li> <li>d. All of the above</li> </ol>	c. d. period l.	Oxygen Sulfur
12	. 80 Hg Mercury 200.6		
•	The atomic mass of mercury is  a. 80 amu. b. 80 g.  1 3. The elements in a period on the periodic table beca. more metallic moving from top to bottom. b. less metallic moving from left to right. c. less metallic moving from top to bottom. d. more metallic moving from left to right.		200.6 amu. 200.6 g.
•	Hore metanic moving from left to right.      Which of the following statements is NOT true of a. Elements are arranged by increasing atomic number of the statements are arranged by increasing atomic number of the statement		-

	<ul><li>b. Elements to the left of the zigzag line are metalloids.</li><li>c. Elements that are in the same group tend to have similar properties.</li><li>d. Elements in the column farthest to the right are unreactive.</li></ul>
•	1 5. On the periodic table, a column of elements is called  a. an atomic line.
<b>V</b>	1 7. The wires in your home's electrical devices demonstrate a metal's property of  a. conductivity.
<b>v</b>	2 0. Atoms of one group of nonmetals, the noble gases, have electrons in their outermost energy level (have filled its octet).  a. few
<b>v</b>	<ul> <li>2 2. Elements in a family or group in the periodic table often share similar properties because</li> <li>a. they look alike.</li> <li>b. they are found in the same place on Earth.</li> <li>c. they have the same physical state.</li> <li>d. their atoms have the same number of electrons in their outermost energy level.</li> </ul>
•	2 3. Which of the following are properties of alkali metals?  a. poor conductor, very reactive c. b. low density, shiny, soft d. very dense, somewhat shiny, brittle 2 4. Which of the following groups is used in neon lights?  a. halogens c. nitrogen group b. noble gases d. oxygen group
•	<ul> <li>25. All atoms of actinides</li> <li>a. are radioactive.</li> <li>b. have a half-complete set of electrons in their outer level.</li> <li>c. have a complete set of electrons in their outer level.</li> <li>d. are very stable.</li> </ul>
▼	<ul> <li>2 6. Titanium is a transition metal that can be used in artificial bones because it is</li> <li>a. very reactive.</li> <li>b. not very reactive.</li> <li>c. radioactive.</li> <li>d. naturally found in the body.</li> </ul>
v	2 7. Rust is an example of how some transition metals a. are very reactive. c. are radioactive. b. are not very reactive. d. are not shiny.
•	<ul> <li>2 8. Unlike most transition metals, mercury</li> <li>a. is gold-colored.</li> <li>b. is in the liquid state at room temperature.</li> <li>c. is very reactive.</li> <li>d. is not very reactive.</li> </ul>