Chapter 6	Families of Element	s		Chapter Test B
Multiple (	Choice Write the lett	er of the correct a	answer on the line at t	the left.
1.	Elements that do <i>not</i> conditions belong to the		er elements except un	der specially controlled
	<b>a.</b> alkali group.	<b>b.</b> halogens.	<del>-</del>	d. transition metals.
<b>2.</b>	The elements that are salts are the	active, strongly i	nonmetallic, and react	t readily with metals to form
	===	b. halogens.	c. noble gases.	d. rare-earth elements.
3.	The lanthanoids and a a. row of the periodic	<del></del>		poriodic table
	<b>b.</b> two rows of the per		d. four rows of the pe	
4.	Elements that are nev compound are the a. alkali group.	er found free in r <b>b.</b> metalloids.	ature but are always c. noble gases.	found combined in a  d. transition metals.
5.	a.  aikan group. Argon found in light b		_	a. mangamon mesans.
	a. alkali elements.	b. halogens.	<b>c.</b> noble gases.	d. rare-earth elements.
6.	Lanthanoid elements a. glass. b. inse	•		nuclear fuel.
7.	An actinoid element is		J	
	•		neon lights. d.	nuclear fuel.
8.	Sulfur is used to manu a. cleaning agents.		r. <b>c.</b> photograp	hic lamps. d. steel.
<b> 9.</b>	Fluorine is a very acti	ve diatomic elem		
10	<b>a.</b> alkali group. The two rows that star	<b>b.</b> halogens.	c. noble gases. of the periodic t	d. transition metals.
10.	a. noblë gases. b.			
	•			
Completic	n Complete each sta	tement on the lir	ne at the left.	
		_ have no luster, leat and electrici		ce, are brittle, and do not
	2. The elem	ents in group II.	A of the periodic tabl	e are the metals.
		metals hawith those of any		to one another, but they do
	4. Elements		nown as the	_ are the most active
	5,	_ is the most abo	ındant element in the	e earth's atmosphere.
True or Fa	lse Determine whet ge the underlined word	her each stateme l or words to mal	nt is true or false. If i se the statement true	t is true, write T. If it is
	1. <u>F</u>	<u> Ialogens</u> include	fluorine, chlorine, br	omine, iodine, and astatine.
		allium, indium, arbon family.	thallium, and alumin	num are members of the

\_\_\_\_\_\_ Class \_

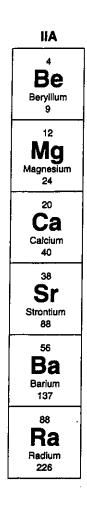
\_\_\_\_\_\_ Date \_

Name \_\_\_\_

<del></del>	3.	Carbon is the most abundant element in the earth's crust.
	4.	Luster is a chemical property of metals.
	5.	An alloy is a mixture of two elements that has the properties of a metal.

## Using Science Skills: Making comparisons

IA	
3 Lithium 7	
Na Sodium 23	
19 <b>K</b> Potassium 39	
Rb Rubidium 85	
55 Cs Cesium 133	
87 <b>Fr</b> Francium 223	



IIIA
5 B Boron 11
All Aluminum 27
31 <b>Ga</b> Gallium 70
49 In Indium - 115
81 Tl Tháilium 204

VIIA	
9 Fluorine 19	
Chlorine 35	
35 Br Bromine 80	
53       lodine   127	
Astatine 210	

VIIIA	
He Helium	
Neon 20	
Argon 40	
36 <b>Kr</b> Krypton 84	
54 <b>Xe</b> Xenon 131	
86 <b>Rn</b> Radon 222	

т.	Which fainly contains elements with I valence electron:
2.	Which family contains metalloids?
3.	Which family of elements gains electrons most easily?
4.	Which family contains the second most active metals?
5.	Which family contains elements that are highly unreactive?