22_	energy?	b. Al, Si, S, P, Cl, Ar					
23_	Mhich one of a. As	the following elements b. Sc	s has the largest c. Ti		ization energy? Ca		
24_	Which one of a. Sr	the following elements b. Ca	s is the most me c. K		Rb		
25_	Which one of a. Al	the following elements b. Cs	s is most likely t c. V		eral different posi Ca	itive ions?	
26_	5 Which is most equal to the number of the period in which a series of elements is located						
	a. the number of v the elements b. the number of e elements	alence electrons in		levels in th	nber of occupied ne elements nber of protons i		
27_	C Which is cher	nically most similar to o	calcium? a. K	b. Sc	c. Mg	d. Na	
28_	28 B The ions O <sup>2-</sup> , F-, and Na <sup>+</sup> are referred to as isoelectronic species because they have the same a. electronegativity b. electron configuration c. nuclear charge d. ionic radius						
29_	$\overline{A}$ The atoms of	the most active nonme	etals have				
	<ul><li>a. small covalent atomic radii and high electron affinities</li><li>b. small covalent atomic radii and low electron affinities</li></ul>			c. large covalent atomic radii and low electron affinities d. large covalent atomic radii and high electron affinities			
30 The alkaline earth metal that has the largest covalent atomic radius is found in period							
	a. 1 b. 2	c. 6	d. 7				
31_	a. smaller radius ar	fers from the S atom in nd fewer electrons nd more electrons	c. larg	er radius ar	nd fewer electron nd more electron		
32_	Within Period the best explanatio a. nuclear (proton) b. # of neutrons in	charge increases	c. # o	f occupied	reases. Which is energy levels inc emains the same		
Identify the group name for the following elements  aboligas neon							
	alkali	cesium	-	transi	tion_silve	r	
wan.	hailogens	fluorine		transic	tion chro	mium	
Why does the atomic size generally increase as you move down a group of the periodic table and decrease as you move from left to right across a period?  # obevery levels  increases  (## profine)							