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Elements in the same period have the same Every element in the first period has shell for its Every element in the	Why a	re the elements placed in specific places on the Periodic Table?	
Every element in the first period has shell for its Every element in the	Period	s are that run from to	
Every element in the first period has shell for its Every element in the	Eleme	nts in the same period have the same	
cond period has for its See the pattern?	-	alament in the first period has shall for its	Every element in the

Name:______Period:_____

Webquest: Periodic Table

5.	Groups are	>	that run from	1	_ to	·	
6. T		nts of a group have	the same num	nber of	in their _		
		nent in group one h electrons in its out		electron in its out	er shell. Ever	y element in gr	oup two has
8.	Hydrogen	is special because it	can act like t	wo groups,		and	
9.	Hydrogen	sometimes is		an electron and s	ometimes it h	nas an	electron.
		helium has only		_ electrons in its o	uter shell, it i	s grouped with	elements that
	The gree heir outer	n elements on this t shell.	able are called	d	element	s. They each h	ave two electrons
Go	To http://	www.teachersdon	nain.org/asse	t/phy03_int_ptab	le/		
	a. b. c. d. e. f. Click o 2.What kin a. b. 3.What kin a. c. d. 4.What kin a.	n the "Chemical Board of bond do Copp Metals often have When these electrons for a chemical with the chemical of bond do Copp Metals often have when these electrons for a chemical of bond do Carboard of bond do Carboard of bond do Carboard These atoms are (This bond is formed)	nds" Tab. am and Chloring and Zinc mand Zinc mand Chos a cloud. This control on and Oxyger choose one) Mandall and Oxyger choose one)	ne make? electron, it becom , it becomes a electrons in their o e, they can form a could is arged? n make? letalsMetalloid	g h j k l nes a uter shell. in charge	ed and attracts	the
Go	to <u>http://t</u>	nyurl.com/rmsperic	odic3				
1. (Click on Alk	ali Metals (left bar)	and answer th	ne following quest	ions.		
a.	What is	the group number?					
b.	Are thes	e metals reactive?					
C.	Do these	e metals occur freel	y in nature? _				

d.	How many electrons are in their outer shell?									
e.	What are the three characteristics of ALL metals?									
f.	Are these metals soft or hard?									
g.	Name the two most reactive elements in this group? and									
h.	n. What happens when they are exposed to water?									
2. Click on Transition Metals (left bar) and answer these questions.										
a.	a. How many elements are in this group?									
b.	b. Name the three elements in this family that produce a magnetic field, and,									
3. Click on Noble Gases (left bar) and answer these questions.										
a.	Wha	t is the gro	oup number?	·						
b.	Why	were thes	e gases con	sidered to b	e inert or st	able?			_	
C.	Wha	t is their o	xidation nun	nber?						
Go To http://periodictable.com/										
You can put the mouse cursor over the element for some of these answers For the following and give:										
		Name	# protons	#neutrons	#electrons	Atomic Mass	Atomic Number	#valence electrons	#electron shells	density
Ca										
Ga										
Pb										
Br										
Ро										
В										
Kr										
Ne										