

T HE PERIODIC TABLE OF THE ELEMENTS

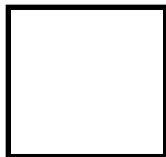
Name: _____

Date: _____ Per: _____

Assign. No. _____

1. Elements in the periodic table are in order of _____ (pg 139)

2. Fill in the square for LITHIUM from the periodic table. (Pg. 141)



Atomic number tells the _____ of _____ in the _____

Atomic mass is the sum of the number of _____ plus _____

3. FOR LITHIUM Proton= \oplus , Neutron= \bigcirc , Electron= \ominus

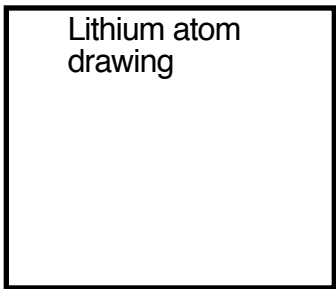
Number of protons= _____ (get from the atomic _____)

Number of electrons= _____ (same as the number of _____)

Number of neutrons: (Fill in words below)

= Atomic _____ (rounded) - Atomic _____

Number of neutrons for Lithium = _____ - _____ = _____ neutrons



Draw a model of a Lithium atom, using proton, neutron, electron symbols shown above.

4. List a **fact** about each and shade with **color** (*lightly* shade only) to show their location on the periodic table.

A. METALS: show color used) pg. 140

Facts:

B. NON-METALS: pg. 140

Facts:

C. METALLOIDS: pg. 140

Facts:

D. HALOGENS: pg. 142

Facts:

E. INERT (OR NOBLE) GASES: pg. 142

Facts:

F. TRANSITION METALS: pg. 142

Facts:

G. ALKALI METALS: pg. 142

Facts:

H. GROUP 2 METALS: pg. 142

Facts:

I. CARBON FAMILY: pg. 149

Facts:

Fr	Cs	Rb	K	Na	Li	H
Ra	Ba	Sr	Ca	Mg	Be	
		Y	Sc			
Ac	La					
Th	Ce	Hf	Ti			
Pa	Pr	Ta	V			
U	Nd	W	Cr			
Np	Pm	Re	Mn			
Pu	Sm	Os	Fe			
Am	Eu	Ir	Co			
Cm	Gd	Pt	Ni			
Bk	Tb	Au	Cu			
Cf	Dy	Hg	Zn			
Es	Ho	Tl	Ga	Al	B	
Fm	Er	Pb	Ge	Si	C	
Md	Tm	Bi	As	P	N	
No	Yb	Po	Se	S	O	
Lr	Lu	At	Br	Cl	F	
		Rn	Kr	Ar	Ne	He