

**T HE PERIODIC TABLE OF THE ELEMENTS**

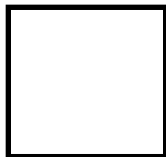
Name: \_\_\_\_\_

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=  $\ominus$

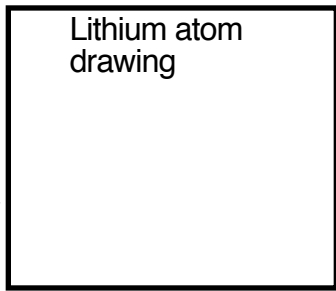
Number of protons= \_\_\_\_\_ (get from the atomic \_\_\_\_\_)

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		Ti			
Th	Ce	Hf	Zr			
Pa	Pr	Ta	Nb			
U	Nd	W	Mo			
		Re	Tc			
Np	Pm		Ru			
Pu	Sm		Rh			
Am	Eu		Pd			
Cm	Gd		Ag			
Bk	Tb		Cd			
Cf	Dy		Hg			
Es	Ho		Tl			
Fm	Er		Pb			
Md	Tm		Bi			
No	Yb		Po			
Lr	Lu		At			
			Rn			
			Xe			He
			Kr			
			Ar			
			Ne			
			Cl			
			F			
			O			
			N			
			C			
			B			
			Al			
			Si			
			P			
			As			
			Se			
			Te			
			I			