

Element Symbols - Word Search

Name: Leah ♥

Date: 3/27 Period: 3

	Name to search		Name to search		Name to search
Na ✓	Sodium	P ✓	Phosphorous	Ca ✓	Calcium
K ✓	Potassium	Sn ✓	tin	Mg ✓	magnizium
Fe ✓	Iron	Sb ✓	antimoney	Mn ✓	Manganese
Cu ✓	Copper	W ✓	tungsten	Cl ✓	clorine
Si ✓	Silicon	Co ✓	Cobalt	He ✓	helium
S ✓	Sulfur	Pb ✓	Led	Kr ✓	krypton

Word search grid with highlighted words:

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E A C R U F L U S H Y D R O G E N M
T N N P I K A C H N A M E T H A A T
P T I T A B L E O Y N O M I T N A T
H E T R P P U C P L T O E S G P R U
O S R H O G I R O M Y N Y A N E O N
S I I E D L E M K A R S N E O N O G
P R T H I T H E E G A E A R T T U S
H O E S M N E C M N S N A L P Y O T
O N U P R M L H O E N T E Y T R I E
R B O R O N I I N S Y S R I L E H N
U M I N A R U G G I T K N E G Y X O
S E C I U M M H O U A D M U I D O S
D U T C A L C I U M U R A N I U M G
E F L R O S I L V E R G O L D N L O
N E A O Y P O T A S S I U M E S E R
S I B M T O P F L A H M U I L L A T
I L O I U M S E L E N U M T I N D I
T C C A R B O N R X E N O N N E O N
    
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Element Symbols

Name: Lean

Date: 3/27 Period: 3

Instructions: Label the parts for the element below.

Word bank:

Average atomic mass
Atomic Number
Chemical Symbol
Protons Nucleus
Neutrons Electrons

atomic Number

4 Be 9.012

Chemical Symbol

average atomic mass

What is the name of the element with the label Be?

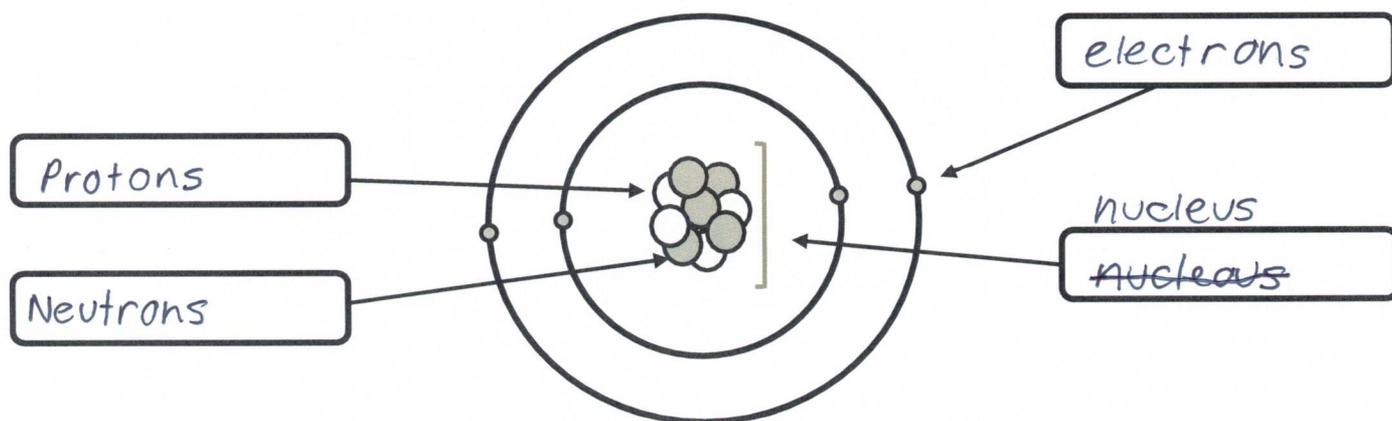
Beryllium

The atomic number refers to the number of what subatomic particle?

Protons

Atomic mass refers to which subatomic particles?

Neutrons + Protons



Element Questions

Name: Leah Date: 3/27 Period: 3

Instructions: Answers the questions below.

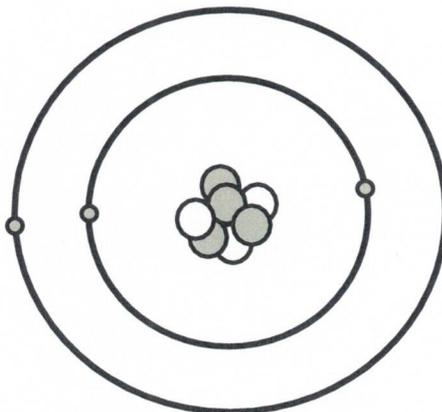
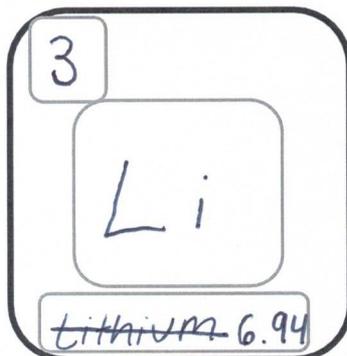
The periodic table is arranged in increasing atomic number.
Explain what that means in terms of atomic structure.

how many protons are inside the element.

An atom is neutral when the proton number and what are the same? Use mathematics to provide an explanation for this phenomena.

electron number

Instructions: Identify the element represented in the diagram. Fill out the periodic table square with the correct information found in the periodic table.



Element name

Lithium