Name:

The Periodic Table

https://learner.org/series/interactive-the-periodic-table/

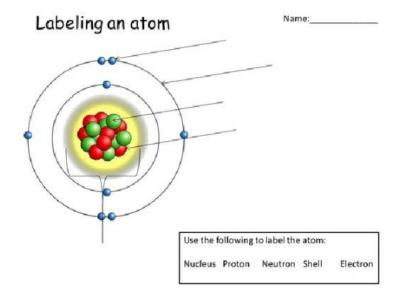
Introduction: The Periodic Table (Read through this section... you will not need to write anything down) Atom Basics: In the Beginning Who was the person that first presented the idea of the atom? _______ 2. What does the Greek word 'atomoz' mean in English? _____ 3. Who was the person that argued against the idea of the atom? _____ Atom Basics: The Atom 4. Who reintroduced the idea of the atom in 1808? 5. Define: element-6. True or False (_______): Molecules can only form from whole number ratios. All atoms are composed of a set of subatomic particles: ___ _____. They have ______ arrangements for any given element. **Atom Basics: Atomic Structure** 7. Define: protons-8. Protons and neutrons are located in the ______ of an atom while electrons are _____ electrons 9. 1 proton= ___

10. True or False (______): We do not count the mass of the electrons in calculating the mass of the atom

because electrons weigh so much less than protons.



Name:



Atom Basics: Periodicity

	11.	The tendency to show a regular r	epeating pattern is known as	This		
	12.		of an element is equal to the number o	f protons in the nuclei of its		
		atoms.				
	13. An is an atom in which the number of protons differs from					
		of electrons.				
	14.	If an atom has more electrons the	an protons, the ion is known as an	(It is negatively – charged).		
	15.	positively + charged)				
	16.	An	is an atom in which the number of p	protons and neutrons differ.		
	17.	The number of	in an atom determines	what element it is.		
At	om B	Basics: The Periodic Table				
		(Read through this section you	will not need to write anything down)			
At	om B	Basics: Interactive				
		→You will need to go back throu	ugh your notes to be able to answer the	ese questions.		
	18.	Name That Atom Challenge:	/12 (MUST SCORE AT LEAST	10/12; TAKE A PICTURE OF YOUR		
		SCORE AND POST IT ON CLASSRO	OM)			



Name:

SKIP TO THE TAB CALLED "WHAT'S IN THE BOX."

What's In the Box: Periods	
19. Define: periods-	
20. Periods tell us how many	there are in that element. For example, the
first row has one energy level.	
Vhat's In the Box: Groups	
21. Define: groups	
/hat's In the Box: Atomic Number	
22. What does the atomic number represent?	
23. True or False (): Every element has their own	special number of protons.
24. Label the atomic number on this element Boron:	
Boron 10.811	
Vhat's In the Box: Symbol	
25. Label the symbol on this element Mercury:	
80	
Hg Mercury 200.59	
ame That Element Challenge	
26. Use the periodic table to name the following elements u	alaa khala a mahala aa khala aka mila as mahaa

BLIVEWORKSHEETS

c. K:_____

			Name:		
	d. Cs:				
	e. Atomic Number-72:				
	f. Atomic Number-110:				
	g. Atomic Number-79:				
	h. Atomic Number-10:				
What's In t	he Box: Relative Mass				
27. De	fine: relative mass-				
28. Lat	oel the relative mass on this elemer	nt Gold:			
		79			
		Au			
		Gold 196.967			
What's In t	he Box: Interactive				
29. Wł	nich One of These Elements Doesn'	t Belong? Challenge:	/10 (MUST SCO	RE AT LEAST	
8/1	O; TAKE A PICTURE OF YOUR SCOR	E AND POST ON CLASSROOM	1)		

