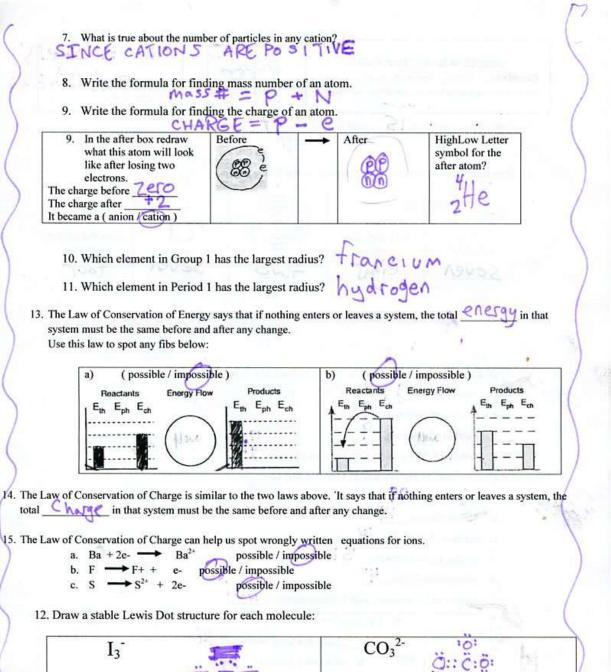
Exceptions to the Octet Rule CAEMis+ry: http://genest.weebly.com top in for help every day at lunch and Tues,&Thurs after school!	20 20	~	ne ANSWETS
		ુલ [
1. How many protons 15 and neut		are in:	
	32 ₁₅ P		
2. How many valence electrons are in each	of the following?		
4.0	••	0795	
- Nic			
a +1 cation of	(#((**)}})	:C1·	a neutral carbon
			atom
1s ² 2s ² 2p ⁵ sodium	two	seven	four
107500			
w many protons and neutrons are in:	32 n		
	$^{32}_{15}P$	1	
		No companies de la companies d	
 For an atom with atomic number =9, charged 	ge of zero, and 10 ne	eutrons	
a. mass number			
b. number of protons?			
The second secon			
c. number of electrons	19-		
c. number of electrons d. symbol of the element, with highLo	ow numbers 9F	(0)	
		-	
d. symbol of the element, with highLo		- is	
 d. symbol of the element, with highLor 4. For an atom with 14 protons and 15 neutr a. mass number 19 		- is	Spins
d. symbol of the element, with highLord. 4. For an atom with 14 protons and 15 neutrons number 14		- IS	Spied?
d. symbol of the element, with highLo 4. For an atom with 14 protons and 15 neutr a. mass number 19 b. atomic number 14 c. number of electrons 14		s	551.00
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d. symbol of the element, with highLo 4. For an atom with 14 protons and 15 neutr a. mass number 19 b. atomic number 19 c. number of electrons 19 d. symbol of the element 5 e. charge of the atom 4	rons and 18 electron	.u-	5500
d. symbol of the element, with highLord 4. For an atom with 14 protons and 15 neutr a. mass number 19 b. atomic number 14 c. number of electrons 14 d. symbol of the element 5 e. charge of the atom 4 f. symbol of the element, with highLord	ow numbers	.u-	571412
d. symbol of the element, with highLo 4. For an atom with 14 protons and 15 neutr a. mass number 19 b. atomic number 14 c. number of electrons 14 d. symbol of the element 5 e. charge of the atom 4 f. symbol of the element, with highLo 5. For this atom	ow numbers 14	, u =	
d. symbol of the element, with highLo 4. For an atom with 14 protons and 15 neutr a. mass number 19 b. atomic number 14 c. number of electrons 14 d. symbol of the element 5 e. charge of the atom 4 f. symbol of the element, with highLo 5. For this atom a. how	ow numbers 145	s?[U	57 (w)
d. symbol of the element, with highLot 4. For an atom with 14 protons and 15 neutr a. mass number 19 b. atomic number 14 c. number of electrons 14 d. symbol of the element 5 e. charge of the atom 4 f. symbol of the element, with highLot 5. For this atom a. how b. how	ow numbers	s? [4	
d. symbol of the element, with highLot 4. For an atom with 14 protons and 15 neutr a. mass number 19 b. atomic number 14 c. number of electrons 14 d. symbol of the element 5 e. charge of the atom 4 f. symbol of the element, with highLot 5. For this atom a. how b. how	ow numbers 145	s? [4	
d. symbol of the element, with highLot 4. For an atom with 14 protons and 15 neutr a. mass number 19 b. atomic number 14 c. number of electrons 14 d. symbol of the element 5 e. charge of the atom 4 f. symbol of the element, with highLot 5. For this atom a. how b. how c. how	ow numbers 145 many total electron many protons?	s? U	
d. symbol of the element, with highLot 4. For an atom with 14 protons and 15 neutr a. mass number 19 b. atomic number 14 c. number of electrons 14 d. symbol of the element 5 e. charge of the atom 4 f. symbol of the element, with highLot 5. For this atom a. how b. how c. how	ow numbers 145 many total electron many protons? many valence electron in an atom that has a	s? U	
d. symbol of the element, with highLot 4. For an atom with 14 protons and 15 neutr a. mass number 19 b. atomic number 14 c. number of electrons 14 d. symbol of the element 5 e. charge of the atom 4 f. symbol of the element, with highLot 5. For this atom a. how b. how c. how	ow numbers 145 many total electron many protons? many valence electron in an atom that has a	s? U	



What's the name of this geometry? LIN EAR

What's the name of this geometry?

Draw polar bonds

CheMis+ry:

http://genest.weebly.com

Stop in for help every day at lunch and Tues,&Thurs after



Name

- According to your electronegativity table, what is the exact electronegativity of each element below? c. calcium
 - a. beryllium \ 5

b. phosphorous

- d. fluorine 4.0
- 2. Calculate the number of valence e- in each of the following:
- a) SO_4^2

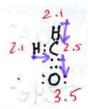
c) $CH_3O_2^+$

b)NH₄

3. Next to each atom, write the electronegativity value from your table. Then draw an arrow to show the direction of polarity of the bond. Finally, write the symbols for partial positive and negative.δ+ and δ-







- 4. Why does your table not have electronegativity numbers for the nobel gases? Since ... (see below)
- 5. Next to each, write the name of the geometric shape based on the central atom. Assume each line is a connection between two atoms.





6. Draw a stable Lewis Dot structure for each molecule AND THEN WRITE the name of the moleculaes geometry, based on the central atom: b)SO42a) NF₃ What's the name of this geometry? NH₄⁺ CIO₃ TRIGONAL PYRAMIDAL What's the name of this geometry? tetraledra What's the name of this geometry? 7. How many total valence e- are in each of the following? a. I₃ b. CO₃²d. NO₃ 8. Which element in Group 2 has the largest radius? 9. Which element in Period 2 has the largest radius? 10. Draw a stable Lewis Dot structure for each molecule:

TRIGONAL PLANER
What's the name of this geometry?

SCl₂

SCl₂

SCl₂

SCl₃

CO₃²

What's the name of this geometry?

SCl₂

What's the name of this geometry?

What's the name of this geometry?

What's the name of this geometry?

5666 1=240-