	have more valance e-
	electronegativity = want for an e-
15.	Why do noble gases have zero electronegativity? They are full! No need for another e
16	. Why does the shielding effect stay constant when going across the period? No lnevgy levels are added; staying on Sam energy level
17	Is there a relationship between the number of valance electrons and electronegativity? — for last er to have full octet. — and noble gas have zero b/c full 5 and
18	3. Why does the third ionization energy increase significantly with the calcium ion? Calcium has a valance e- hence after a electrical taken it becomes like a noble gas - very to remove e- from
1	9. Which orbitals hold the valance electrons? S and P
2	0. What element has the electron configuration $1s^22s^22p^63s^23p^2$? 1. What does the dot diagram look like for an atom with the electron configuration $1s^22s^22p^63s^23p^5$? highest energy level 5 and $p = 7$ 2. What would be the electron configuration for the F^{-1} , fluoride ion?
	23. How many valance electrons do each atom try to obtain?
	24. What do you notice about the number of valance electrons as you move from left to right across a row or period on the periodic table?
	(Na -> Mg -> AI -> Si -> P -> S -> CI -> Ar ->) increase and it - 1 2 3 4 5 6 7 8 the group its In
	25. What is the electron configuration of potassium?