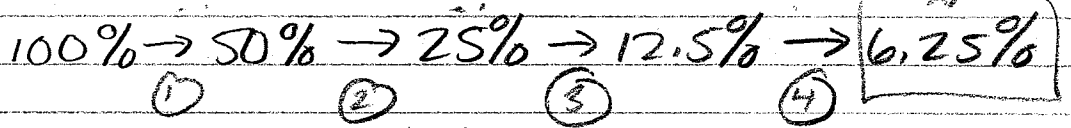


①

Chunk #3

① $AE = 1.750 * 0.5$ (243.5/44.5) =

② $\frac{20 \text{ WKS}}{5 \text{ WKS}} = 4 \text{ half lives}$



③ $9.3 = AS * 0.5$ (28/12) AS =

④ $AE = 50 * 0.5$ (567.5/13) =

⑤ +1, +2, -1, ∅

⑥ 1, 1, 2, 7, 6, 6, 4, 3

⑦ look in your notebook!

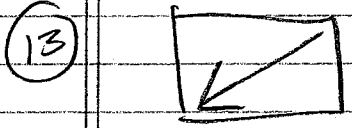
⑧ look in your notebook!



⑩ Fr, Na, Ca, Fe, S, F



⑫ Fr, Na, Ca, Fe, S, F



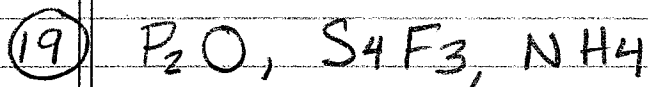
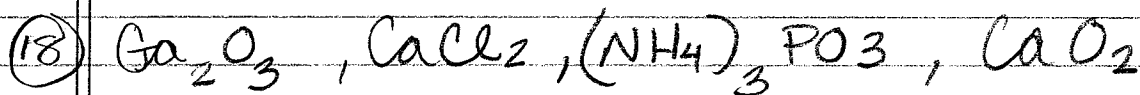
⑭ F, S, Fe, Ca, Na, FR



16) ionic = cation Anion
normal name change end to -ide

Covalent = use prefixes, last element
change end to -ide

- 17) tetra nitrogen dioxide
- aluminum oxide
- tetra phosphorus decasulfide
- zinc sulfate
- copper (II) chloride
- ammonium nitrite
- carbon tetrachloride
- calcium chlorite
- penta carbon moniodide



20) m-nm, nm-nm, m-m

21) transfer, share, "sea of electrons"
free flowing e^-

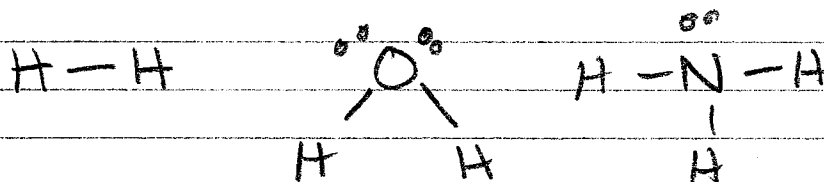
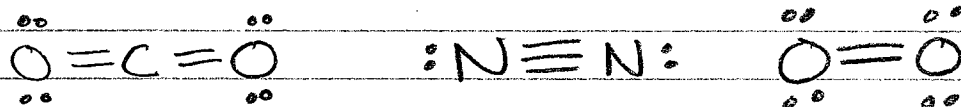
22) I, I, C, M, C, C

23) Most atoms want 8 valence e^-

24)	H	B	P	S
	2	6	10	12

3

25



29

oops! #d them wrong!

single H_2 , H_2O , NH_3

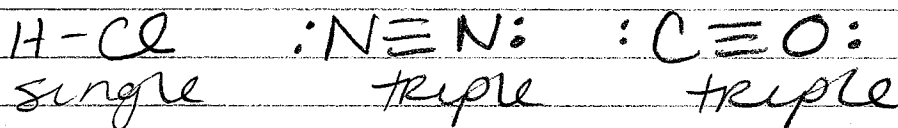
double CO_2 , O_2

triple N_2

lone pairs CO_2 , N_2 , O_2 , H_2O , NH_3

4 2 4 2 1

30



single

triple

triple