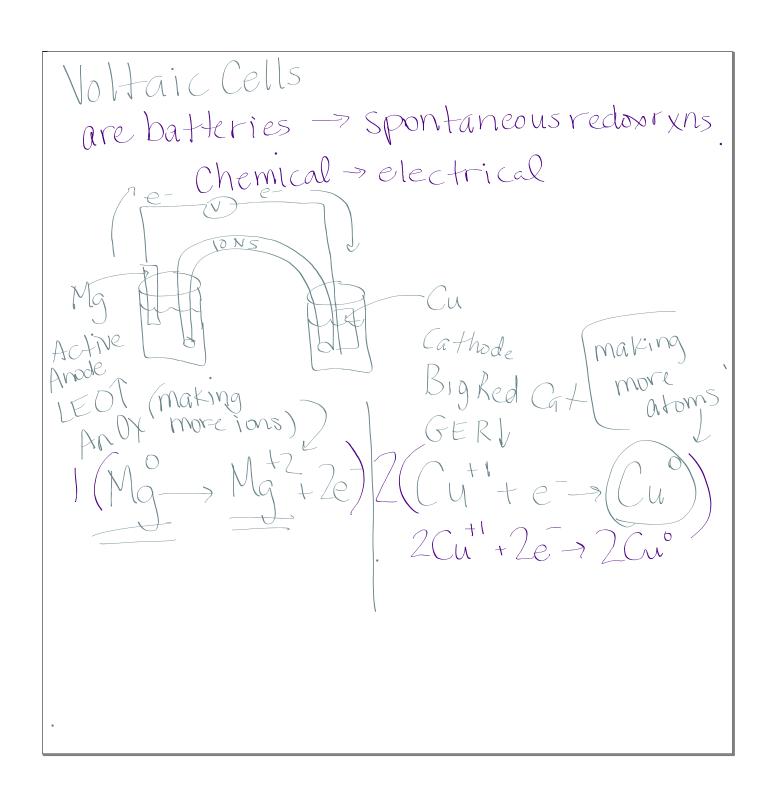
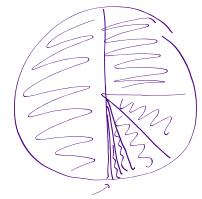
Review 2018
Sigfigs Pacific Atlantic decimal prosent 100 m
decimalpresent XXX 100, m Lecimal absent 100 m
XXX 100.0 m
Dot diagrams TICS
transfer Covalent
10111C
Metal + Morrison [Ca] 2[:CI]
Covalent SPLash soft, Poorcond., low MP 2 nonmetals, Shareelectrons, make molecules
A nonmetals, statectic Trois J. Symm Symm Symm Polar Polar
Asymm. Polar H
Likedissolves Like
Metallic Bonding = within a metal
ex. Mg Dons immersed in a sea of mobile luster, malleable ductile, conduct due to mobile e
luster, malleable (Ouctrie) Conduct due to mobile e



Half Life time it takes for half a radioactive sample to decay into more starore products

half life= 12hr How much (ob and fraction) after 3 days? = 72hrs = 6HL



Molarity / Titration

Ma Va = MB VB

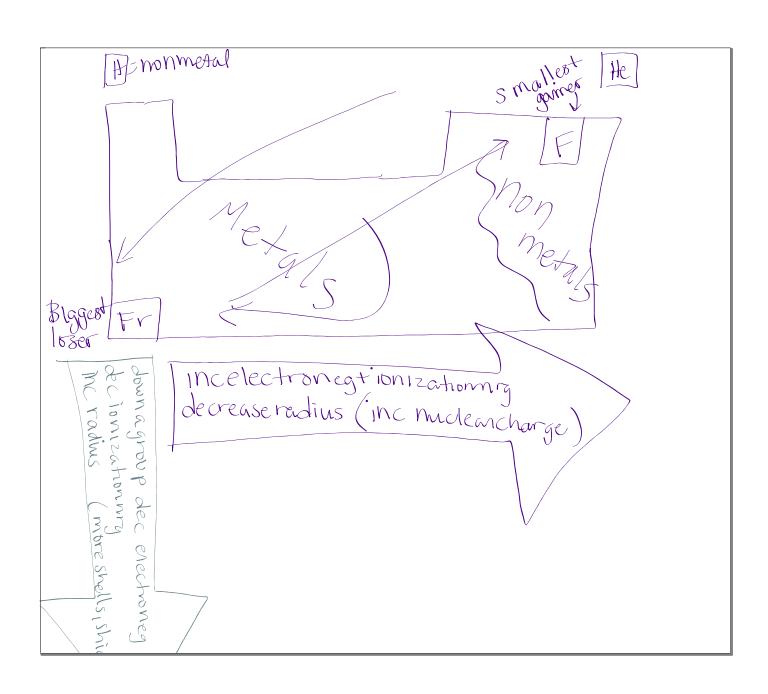
How much of . 10M HC I solution is

required to completely neutralize 50.0ml)

of a . 20M NaOH solution?

(X)(.10M) = (50.0ml)(.20M)

(X=100ml)



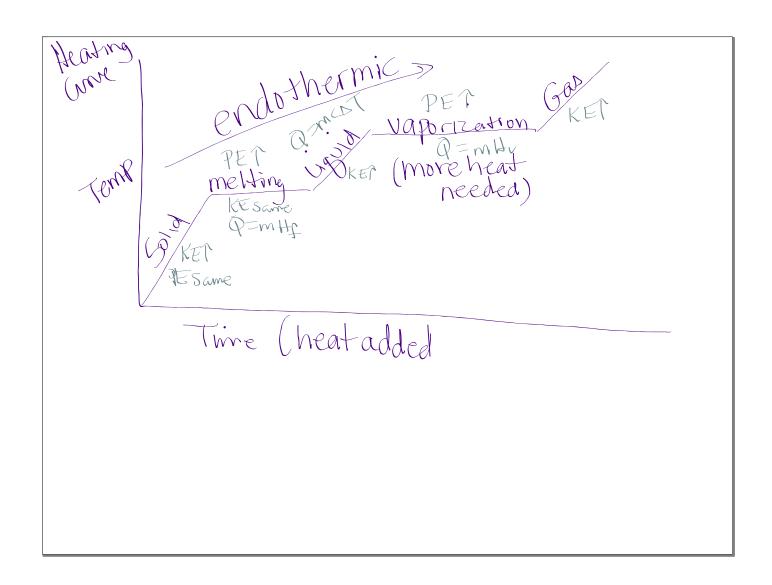
_
Thermal energy = heat = Q
based on temp + mass
29
10.K
more thermal energy (more mass)
Λ.
Avakineticenergy based on tempony!
logsed on territy or ig:
10. K
higher avg
Kineficenergy (MgherT)

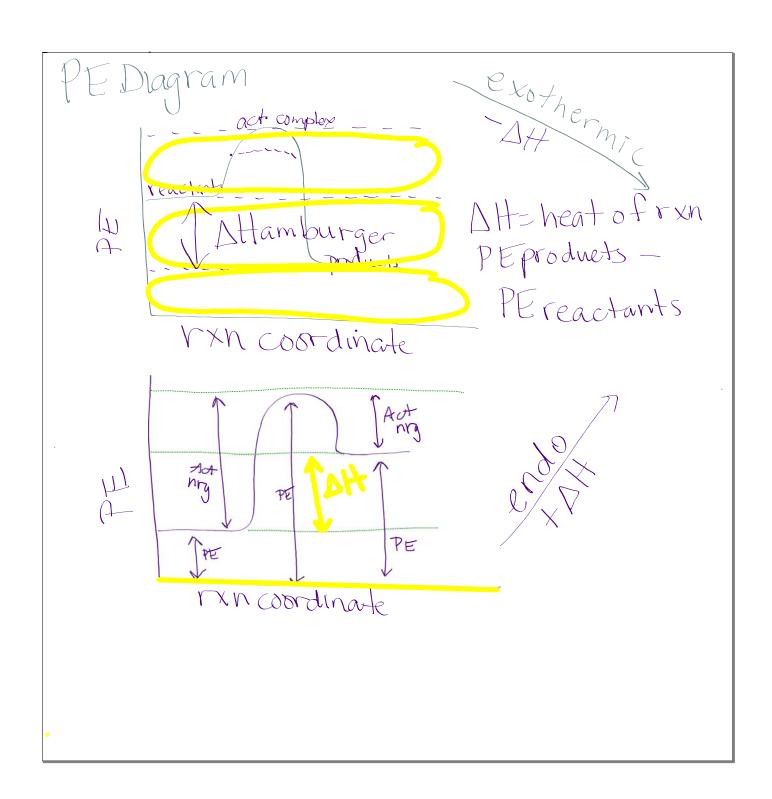
Density = mass Volume

more dense= less volume less space blu motecules

Table S

Doerron = difference x 100 accepted (tables)





Nuclear TXTS

Ly give off much more energy

Than chemical

blc mass -> energy