

180° CATJONS are PAWS: Ave 170+ AND JONS ove regertive
chloride
PERIODETC TABLE
e Matalian de la companya del companya de la companya del companya de la companya
- conclust
Metals - conduct - don't conduct electricity (except () electricity - form cutions - form anions
- form cations - form anions
- Alkali Metals - Alkaline earth netals - Metalloids  Columns = groups Cfamilies  Rows = periods
- Alkaline earth nebals Roma = periods
- Metallotds
- Halogens - Noble Guses
- Noble Ouses
JONIL COMPOUNDS - Solid at room temp
- Some O Caluble
Cation + Anion 20 all jource Solutions are
ELECTROLYTES
2 (ag)
Mg 2+ 3 po 3- electrons are permenanty transferred
Mg <sup>2+</sup> PO <sub>4</sub> <sup>3-</sup> electrons are permenanty transferred
mg 2+ Je 4
Res Constal Lattice, NOT molecules
· Don't use prefixes in names
= Acids Bases ide > bydro_icz
e.g. H2504 (ag) Ca(OH)(ag) ate = ic
Steert ciquelous Contaîte with solutions by droxide by drozer solutions
with solutions by droxide
half through the second
pt 0-6.9 Neutral 7.1-14
A NICO
Sour Bytter 1 thuis north Blue

	Sour	<i>(*</i>	Bitter		
1 Hurs	red		Blue		
Brown thy.	nd yellow		Blue		
			·O\ 1		
phonol	colouless		Pink		
phrheir	ΙΫ				
8	React with				
	netals to form				
	H2(9)				
•	= 4,				
M					
MOLE	ECULAR COMPO	ONDS			
<b>a</b> C.		1 100 1 1 1 1 5			
<b>6</b> 6	valent bends lutions don't ), (1) or (g) a	Columbia	1 A. A. 200.00)		
@ C 5	valent bends	(Sharing o	la chiricity	CINA, - class	ral, Jac)
@ /C ·		t mom ter	- ne ating	20/0 ZUZ	ragits)
(=3					
Nau	ning - Prefixe:	5			
	diphospho	rous pe	ma oxid	?	
			/		
	7	5	556A-		
	$\mathcal{D}$	()			
	12	5			
C	ommon Names	to men	crize		
	ammonia -	NH3			
	ammonia - hydrogen pe ethanol - methanol glucose sucrose	evoxide -	722		
	ethanol -	CH3CH2OH	<u> </u>	.0.1.	S/ J
	memand	- CH3 OF	-/	olyatoric	Clements
	glucosq -	- C6 H12 06		H <sub>2</sub>	
	Sucross	- C12 H22	0 ((	02	
	propan e	= CzHa		$Cl_2$	
	m elhane	= C3H8 - CH4		F <sub>2</sub>	
		•		P <sub>4</sub>	
Chen	ricul Reaction	<u> </u>	. 0		
	5 igns of chen	alcae cheh	rge	5	-d -
	Endothermia			72	UTC

- Exothermic 5 Reaction Types 1) Formation (composyrier) Elener + Elener -> Compound 158(5) + 802 (g) -7 8502 13g(5) + 16 Na(5) -> 8 Na25 (5) Na+ 52-) 2) Deformation (DECOMPOSITION) Compond -> Element + Element C6 41,206 - 56 C + 6+12 + 302 3) Single le placement Compound + Element - New Compound New Element Ca<sub>3</sub>N<sub>2</sub> + 2A1 -> 3Ca + 2A1 N A13+ N3-4) Double Replacemt. 5) Hydrocarban Combuston

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