						Acids + Bases
What r	nakes a good b	uffer system:)			-
			.onjugate base	Whatever	is weak has	to be higher in amou
	2	meak acid t	strong base	1 -		<u> </u>
LIOH	HNO3	strong acid	t weak base	· L .]= concentrati	in if (M)
Strong base	Strong acid	•				
Na Cl	HCI	4				
		← NOt a l	ilenario for a g	ood buffer s	system	
HCN	Li CN	امیرم ا	محمداها حاملا	aleate and dist	lan' lanca - '	
weak acid	DUZIC SO	IF \leftarrow equal	annunts of	neuk acia t	conj. buse =	ideal buffer system
HCN 3	NaBr		ha a BY classed	\.ac.e		
week acid		or conjugate	base or strong	pasc.		
	LiNO3	.,	0	7	lu l	
Strong acid	neutral s	ialt	<1		"	•_
					POH = -109 [OH	4
	4			PH + POH = 14	@ 25°C	
is it an acid?			s it a base?			Conjugate Base
•	H ¹ ions	P. P.	eleases OH ions	MAG	H+ ion 4 se charge (+1)	remove H'ion;
	Lloses) H' ION	ρ	roton (H.) acc	eptors increa	ise charge (+1)	decrease charge (-1)
4 91182 12	H20-7 H30		.311 .	Fu o+7	- 1U - 5H	
Acid base pule		00	dihimal formu	INOS LH30 J	- 10	
				L DH.	- 10 -poH	
	t metal = base		-] - 10	
Hydrogun +	non metal : ulia	(Typically), H				
	101		4	ır	il connolella dies	r Atiales
	VCIQ +	H20 -7 Clp 1	CA		it completly dist	
c-006			Beard of Con	70	we is a one w	of alther
acid:	c tompletly ionizes	on si	Based on Righ			
	Co It' ion	(-)				
	(donates H ⁺ ior)				
identify Acid, Ba	SEIA LANCO					
Base Acid	C. Acid	L.BASE				
NH3 + H20	-> NH"	+ OH-				
whats happening t		notice the				
(+) gainif	10 a. H	signs.				
C 17 guillis	ט ~ י					