	NAM	Œ	PF	REF	SECTIO	N SC_	DATE _					
		EXPE	RIMENT 24: BASE	S AND I	BASIC A	NHYDI	RIDES					
sub		pH paper KOH, sat' kperiment yo	es, 1 deflagrating spoon, s, litmus papers, methyl d Ca(OH) ₂ , NH _{3(aq)} , NaOH u will learn some impo bases are lye (NaOH),	orange, ch (dilute), co rtant proj	n. HCl, con perties of t	n. NaOH Dases. S	ome commor	n household				
A.	Test 3M NaOH, 3M KOH, saturated Ca(OH) ₂ , and NH _{3(aq)} with pH paper. Do this by pouring a few drops of the base into a test tube, dip a glass rod into the solution, then touch the pH paper with the tip of the glass rod. Test the bases with phenolphthalein, methyl orange, and litmus. Record the results in the Table below.											
B.	3. Put a drop of very dilute sodium hydroxide on the tip of your finger and rub it with your thumb. WASH IT OFF IMMEDIATELY!!! Repeat using dilute solution of the other bases. Record the results in the Table below. TABLE OF RESULTS - Indicators of Bases											
C. 1	EACHER	ſ	TABLE U	r RESUL	15 - maic	ators or						
DI	EMONSTRATION: Cautiously add a few drops of concentrated HCl to a few drops of concentrated NaOH in a test tube.			NaO	н ко	OH	Ca(OH) ₂	NH _{3(aq)}				
			pН									
			Litmus - Red									
			Litmus - Blue									
			Phenolphthalein									
D.	To 10mL of water in a test tube add a small piece of CaO and shake.		Methyl Orange									
			Feel									
			Action on acids									
	the filtrared litmuchange is observed	s. What 1 pH was										
3. State four characteristics of bases.												
COI	aclusion					,		, , , , , , , , , , , , , , , , , , ,				
	Accordin	g to the Arrh	enius Theory, bases ar	е	con	npounds	which	in				
wat	er to relea	se	ions. This ion in	solution	causes ce	rtain ind	licators to ch	ange				
•••••	fa	irly concentra	ated basic solutions to	feel	, and	l can	acid	solutions. A				
haa	io anhvd e l	de is a(n)	of a metal that	renote w	th water t	o form o	c	olution				

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