

<u>Substance</u>	<u>pH</u>
H ₂ O	7.00
0.10 M HCl	1.00
0.10 M NaOH	13.00
Vinegar	2.42
buffer w/ pH 8.40	8.40 !
7 up	3.40
1.0 M Na ₂ H ₃ O ₂	9.37
0.20 M Na ₂ CO ₃	11.77
3.0 M HCl	-0.48
Baking soda	10.13
1.0 M HCl	0.00
1.0 M NaOH	14.00
6.0 M NaOH	14.78
0.10 M NH ₃	11.13
0.10 M NH ₄ Cl	5.13
0.20 M LiCl	7 ?
0.20 M NaCl	3 or below ?
0.20 M ZnCl ₂	5 ?

Determine these
in Lab
(not with math)

decide
based
on color
and your
chart on
page 1 of Lab