

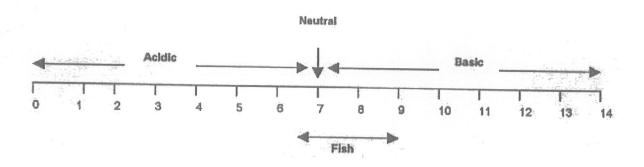
Name:	
Date:	Div:
LAB:	The pH of Common Substances (Science 10)
	ctions: Observe the exposure of each substance to the indicator(s), fill out the table ed, fill out the pH scale, and answer the questions on the next page.
1.	A common liquid indicator used to determine pH is called
	Paper indicators used include Blue and Red Litmus
	paper and another type of paper called
2.	Use the colour scale card provided by your teacher, to help you identify the pH of each

Substance	Prediction of pH	Colour with indicator	pH (or range)	Acid or Base?
1 White vinegar	5			
2				
3				
4				
5				
6				

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3. Fill in the pH scale, below, with the name of the substance in its correct pH placement on the scale.

pH Scale



Conclusions:

- 1. What did you learn about common substances, that surprised you, in this lab.? (TWO INTERESTING FACTS)
- 2. What are some sources of error (name at least two) when measuring pH in this lab?
- 3. What NEW OR INTERESTING THINGS have you learned about acids and bases in this lab? NAME TWO.
- 4. Which is the better indicator, Universal Indicator (the liquid indicator) or Litmus Paper? Give <u>two reasons</u> why you chose that indicator! Use the internet or your text book.