



Name: \_\_\_\_\_

Date: \_\_\_\_\_ Div: \_\_\_\_\_

### LAB: The pH of Common Substances (Science 10)

Instructions: Observe the exposure of each substance to the indicator(s), fill out the table provided, 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 and fill in the table below.

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

7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				



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What did you learn from the experiment?

How did you feel about the experiment?

What was the most interesting part of the experiment?

What was the most difficult part of the experiment?

What was the most fun part of the experiment?

What was the most surprising part of the experiment?

What was the most interesting part of the experiment?

What was the most difficult part of the experiment?

What was the most fun part of the experiment?

What was the most surprising part of the experiment?

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What was the most interesting part of the experiment?

What was the most difficult part of the experiment?

What was the most fun part of the experiment?

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