

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

1. An Acid is a substance that turns blue litmus paper \_\_\_\_\_ (3)

2. Bases that are soluble in water are called \_\_\_\_\_ (3)

3. What is an indicator?

Ans = \_\_\_\_\_ (3)

4. What is the pH scale?

Ans = \_\_\_\_\_ (3)

5. What type of indicator measures the pH of a substance? \_\_\_\_\_ (3)

6.

Describe how to measure the pH of lemon juice.

Describe \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



7.

(a) The pH scale is used to measure the acidity and the alkalinity of substances.

(i) Give the range of pH for acids. \_\_\_\_\_

(ii) Give the range of pH for bases. \_\_\_\_\_

8.

Select a substance from the list with a pH less than 7 and one with a pH greater than 7: orange juice, rain water, toothpaste, bread soda, vinegar, sour milk, milk of magnesia, cola, washing soda.

pH less than 7 \_\_\_\_\_

pH greater than 7 \_\_\_\_\_