

CONCLUSIONS: Acid/ Base

Copy and answer these questions:

1. Which substances were acids?
2. How can you tell?
3. Which solutions were bases?
4. How do you know?
5. Describe in FOUR steps how you would use cabbage juice to test the pH of an unknown substance

Step 1	Step 2
Step 3	Step 4

Page 83: Using an Indicator to Test for Acids and Bases

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Indicator:

–A chemical that changes color when put into an acid or a base (litmus paper, cabbage juice, etc)

Range of pH:

–ACIDS: _____ to _____

–BASES: _____ to _____

–NEUTRAL: _____

Solution	Red Litmus	Blue Litmus	Acid or base	Color with Indicator	pH	Solution
1						vinegar
2						Baking soda
3						water
4						soap
5						lemon
6						ammonia
7						soda
Cabbage juice						cabbage