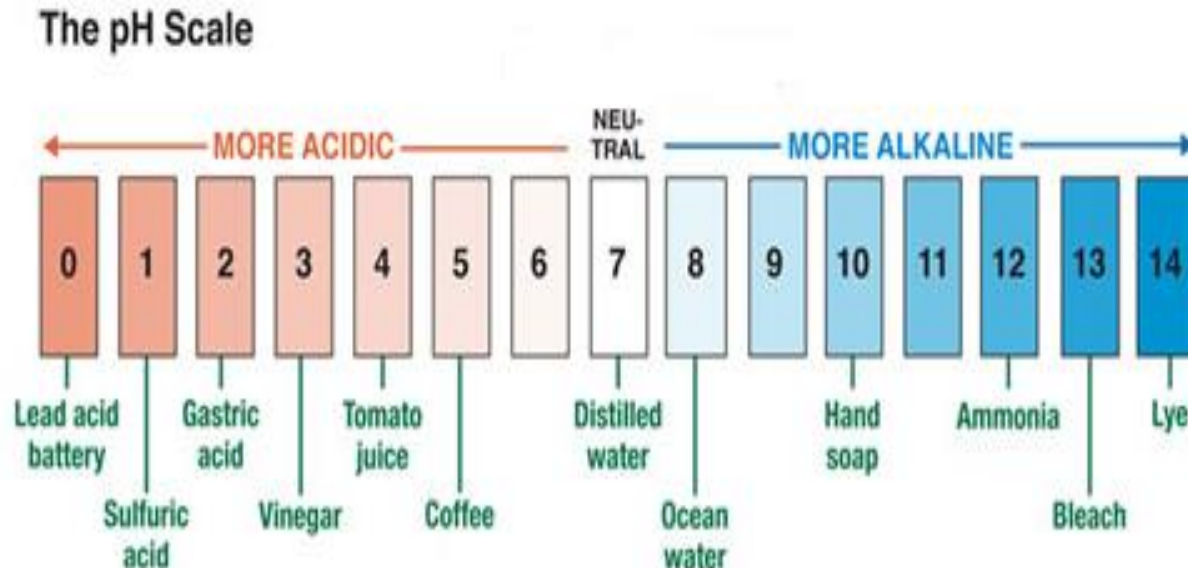


ACIDS and BASES

Acidity and Alkalinity

- **Acidity:** The level of an acid in a substance
- **Alkalinity:** The level of a base in a substance
- Acids and bases are measured on the **pH** scale

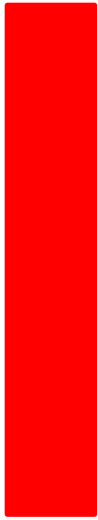


How to identify acids and bases

- Use an indicator such as litmus paper, red cabbage juice, grape juice, tea, etc...
- Indicators react in the presence of acidic or basic substances.
- **Simplest method : Litmus paper test**
- Two parts to the test
 - Red Litmus paper reaction
 - Blue Litmus paper reaction

Litmus Paper Test

	Acid	Neutral	Base
Red litmus reaction	Paper stays red	Paper stays red	Paper turns blue
Blue litmus reaction	Paper turns red	Paper stays blue	Paper stays blue



Liquid A
is:

NEUTRAL



Liquid B
is:

ACID



Liquid C
is:
BASE