



ACIDS and BASES

(Introduced on Page 37)



- The **pH Scale** (*potential of Hydrogen*) measures how acid or how alkaline/basic is a substance.

The pH scale measures from 0 to 14.

- The closer its value is to **0**, the more **acid** it is.
 - The closer its value is to **7**, the more **neutral** it is.
 - The closer the value is to **14**, the more **basic** it is.
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- There are certain **indicators** you can use to test if it is an acid, a neutral, or a base.
 - **Liquids**: BromoThymol Blue; Methyl Orange.
 - **Papers**: Litmus (Red and Blue)
 - **Natural**: Red Cabbage Juice; Black Tea.