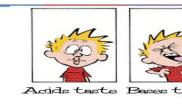


## **ACIDS and BASES**

## (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.
- 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.