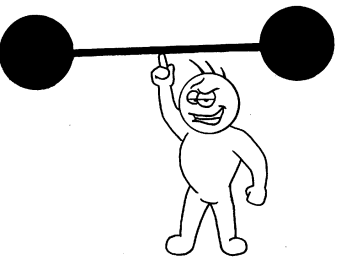
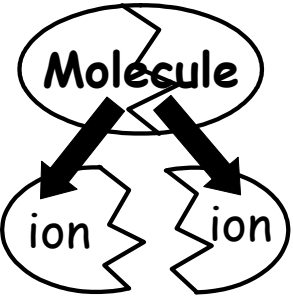

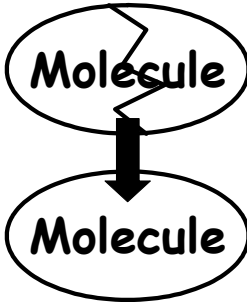


4.

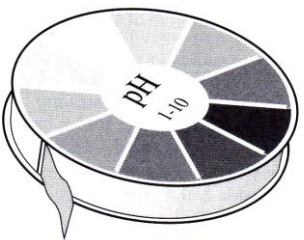



Many molecules break

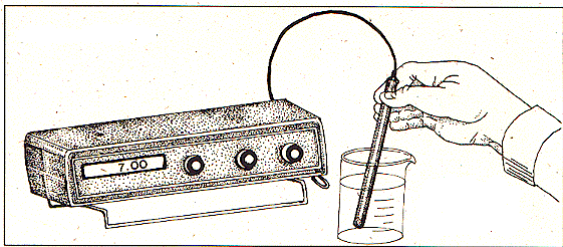



Many molecules don't break

1.

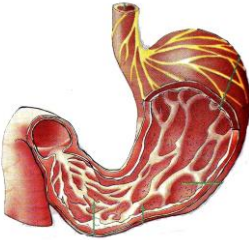


pH paper




pH meter


2.




HCl



CH<sub>3</sub>COOH



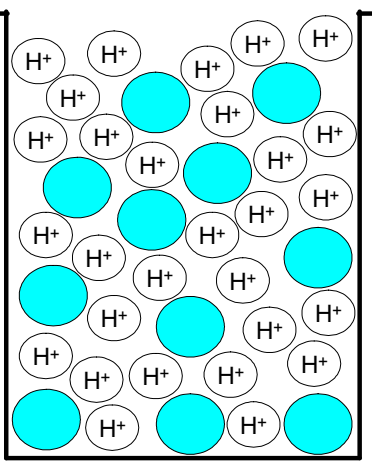
NaOH



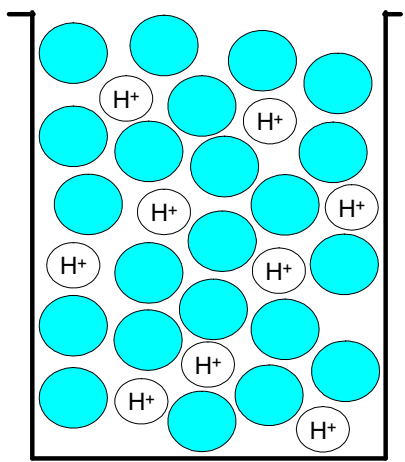
NH<sub>3</sub>

7.

● = other molecules



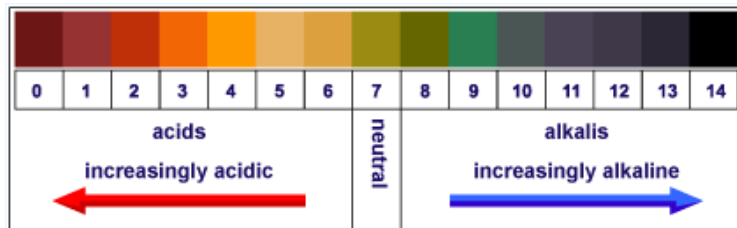
VERY ACIDIC  
small pH



VERY ALKALINE  
BIG pH

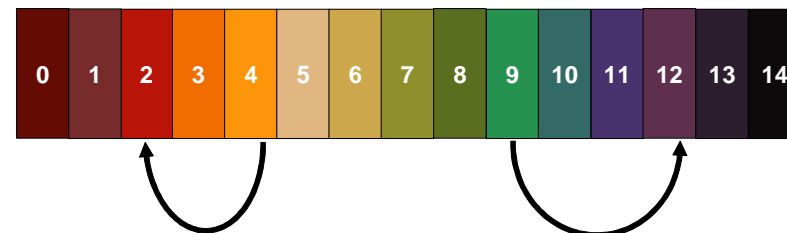
3.

## The pH scale



5.

## Logarithmic scale



The substance is 100  
times more acidic.

The substance is 1000  
times more alkaline.

6.

