

Science Worksheet

Acids, Bases and Salts

1. Classify the following substances as acids and bases:
Tomato juice, tamarind juice, curd, toothpaste, soap solution, raw mangoes.
2. Some acids, bases and salts are commonly used in our daily life. Find out the names of such substances, specify whether they are acids, bases or salts and write their uses.
3. What are mineral acids.? Give two examples.
4. Complete the table given below:

Name the substance	Type of the acid n/m	source
Acetic acid		
Fizzy drink		
Lactic acid		
Citric acid		
Formic acid		
Tartaric acid		

5. What happens when:
 - i. Magnesium is burnt in the presence of Oxygen and the product obtained is added to water
 - ii. An acid and a base is reacted.
 - iii. Blue litmus is added to vinegar.
 - iv. Lemon juice is added to baking soda
6. What are indicators? Give examples. Why do we use indicators?
7. What are neutral substances?
8. Differentiate between:
 - a. Acid and Base
 - b. Organic and Mineral acid
9. How are acids helpful in maintaining our good health?