

Name: .....

School: .....

Class: **Grade 6**

Subject: **Science** Title: **Reaction of Acid and Carbonate**

**Interactive Worksheet: Week 21/ Self-Learning Program**

**Exercise 1:**

**Label the following statements as True or False**

1- Acid reacts with Base to produce salt and water.

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2- In action of acid on base, heat is absorbed.

.....

3- Base lightens up the color of indicators

.....

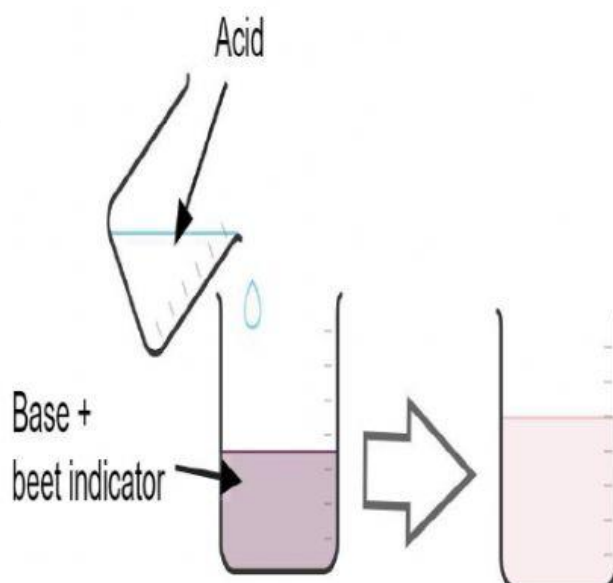
**Exercise 2:**

**To a beaker containing base and few drops of beet solution (indicator), we added a quantity of acid. The color of the indicator changed as shown in the figure.**

**Choose the correct answer:**

1- **Indicate the reactants in this reaction.**

- Acid and salt
- Salt and water
- Base and acid



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**2- What is the evidence for occurrence of this process?**

- Color change
- Gas release
- Formation of precipitate

**3- Write the word equation of the reaction.**

- Base + Acid  $\rightarrow$  Water + Salt
- Salt + Water  $\rightarrow$  Acid + Base
- Acid + Salt  $\rightarrow$  Base + Water