

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.

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3- Base lightens up the color of indicators

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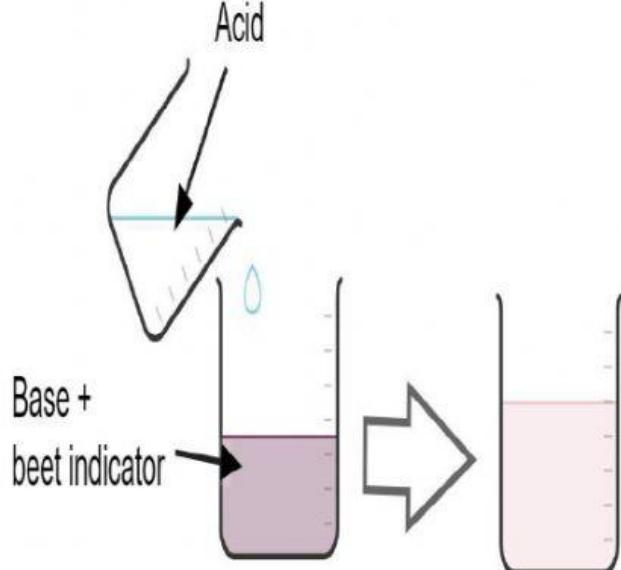
Exercise 2:

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