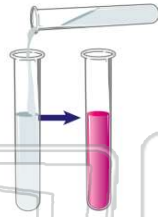




Name _____ Class _____ Date _____

1 What kind of liquid is being added to the **indicator**, phenolphthalein, causing it to turn **pink**?

- A an acid
- B a base
- C a salt
- D a hydrocarbon



2 In the diagram below, a student is adding a clear liquid to **phenolphthalein** causing it to turn pink. What would have to be added to **neutralize** this liquid?

- A an acid
- B a base
- C salt
- D water



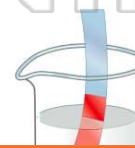
3 If the indicator being used here is **phenolphthalein**, the **pH** of the liquid being added to the test tube is _____

- A 7
- B between 7 and 14
- C between 4 and 7



4 What kind of liquid is in contact with the **blue litmus paper** shown below?

- A a base
- B salt
- C water
- D an acid



5

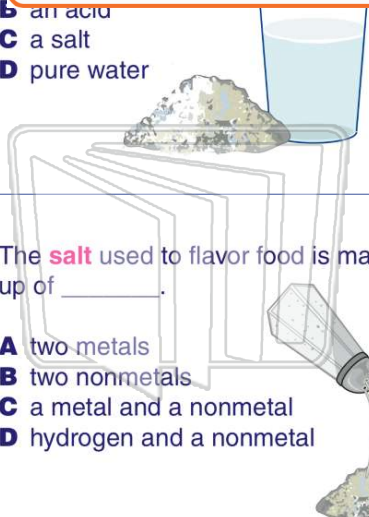


PREVIEW

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7

- B an acid
- C a salt
- D pure water



9 The **salt** used to flavor food is made up of _____

- A two metals
- B two nonmetals
- C a metal and a nonmetal
- D hydrogen and a nonmetal

- A NaCl
- B NaOH
- C HCl
- D CaOH₂



10 The fact that **vinegar** has **acetic acid** in it explains why it tastes _____

- A sweet
- B salty
- C sour
- D bitter

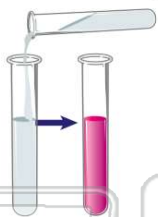




ANSWER KEY

What kind of liquid is being added to the **indicator**, phenolphthalein, causing it to turn **pink**?

- A an acid
- B a base
- C a salt
- D a hydrocarbon



(b)

In the diagram below, a student is adding a clear liquid to **phenolphthalein** causing it to turn pink. What would have to be added to **neutralize** this liquid?

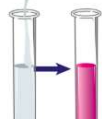
- A an acid
- B a base
- C salt
- D water



(a)

If the indicator being used here is **phenolphthalein**, the **pH** of the liquid being added to the test tube is _____.

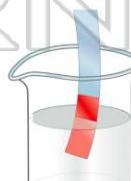
- A 7
- B between 7 and 14
- C between 4 and 7
- D between 1 and 3



(b)

What kind of liquid is in contact with the **blue litmus paper** shown below?

- A a base
- B salt
- C water
- D an acid



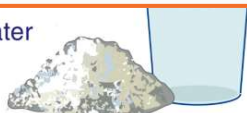
(d)



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D pure water



The **salt** used to flavor food is made up of _____.

- A two metals
- B two nonmetals
- C a metal and a nonmetal
- D hydrogen and a nonmetal



(c)

- C HCl
- D CaOH₂



The fact that **vinegar** has **acetic acid** in it explains why it tastes _____.

- A sweet
- B salty
- C sour
- D bitter



(c)