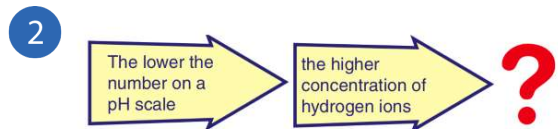




Name _____ Class _____ Date _____

1 How is a **pH scale** numbered?

- A from 0 to 7
- B from 0 to 14
- C from 1 to 0
- D from 0 to 20



- A the more basic the substance is
- B the more acidic the substance is
- C the more neutral the substance is
- D the safer the substance is

3 As the pH moves from **7 to 0**, the **strength of an acid** _____.

- A remains the same
- B decreases
- C increases
- D lowers



4 Any substance listed **below pH 7** is _____.

- A basic
- B acidic
- C neutral
- D pure water



PREVIEW

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7

- A pure water
- B blood
- C pure water
- D blood



- A acidic
- B basic
- C neutral
- D water



9 If you tested a substance using **universal indicator paper** and the paper turned **orange**, you could determine that the substance you tested was _____.

- A a base
 - B an acid
 - C neutral
 - D an alkali
-

10 Scientists use a type of indicator paper, called **litmus paper**, to detect the presence of an acid or base. If **red litmus paper turns blue** it means the substance is _____.

- A acidic
- B basic
- C neutral
- D water





ANSWER KEY

How is a **pH scale** numbered?

- A from 0 to 7
- B from 0 to 14
- C from 1 to 0
- D from 0 to 20



(b)

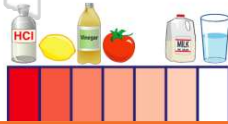


- A the more basic the substance is
- B the more acidic the substance is
- C the more neutral the substance is
- D the safer the substance is

(b)

As the pH moves from **7 to 0**, the **strength of an acid** _____.

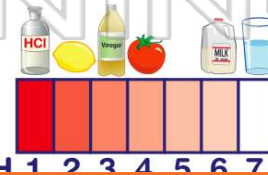
- A remains the same
- B decreases
- C increases
- D lowers



(c)

Any substance listed **below pH 7** is _____.

- A basic
- B acidic
- C neutral
- D pure water



(b)

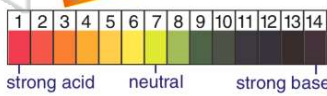


PREVIEW

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If you tested a substance using **universal indicator paper** and the paper turned **orange**, you could determine that the substance you tested was _____.

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(b)

Scientists use a type of indicator paper, called **litmus paper**, to detect the presence of an acid or base. If **red litmus paper turns blue** it means the substance is _____.

- A acidic
- B basic
- C neutral
- D water



(b)

