DoodleBeez Worksheets

Grades 6 to 8 | Science

Name: Date: Score: / 8

The pH Scale: Learn and Practice

From strong acids to strong bases

Read each question. Circle the best answer.

💡 The pH Scale

- The pH scale runs from 0 to 14 and shows how acidic or basic a solution is.
- Below 7 is acidic, 7 is neutral, and above 7 is basic.
- Indicators like litmus paper change color to show pH.
- lemon juice is about pH 2: acidic

1 Which is more acidic, pH 2 or pH 5?

A. Neither is acidic B. pH 2 C. They are equal D. pH 5

2 🧴 A cleaning solution has a pH near 11. What is it?

A. A metal B. Neutral C. An acid D. A base

3 A solution with a pH of 3 is what?

A. Acidic B. Neutral C. Basic D. A metal

4 Blue litmus paper turns red in a solution. What does this show?

A. The solution is neutral B. The solution is basic C. The paper is only wet D. The solution is acidic

5 🍋 Which of these is acidic?

A. Pure water B. Soap C. Lemon juice D. Baking soda in water

6 What pH is neutral?

A. 10 B. 14 C. 0 D. 7

7 A solution with a pH of 12 is what?

A. Basic B. Neutral C. Acidic D. A gas

8 💧 Pure water at room temperature has which pH?

A. 4 B. 1 C. 7 D. 13

ANSWER KEY

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