

## Acids & Bases Ws #1: The World of Chemistry Video

1. Name the common acid found in fruits such as lemons and apples.
2. What is the common name for acetic acid?
3. List 3 properties of Acids
4. List 3 properties of Bases
5. What happens when an acid and a base are mixed?
6. What are the common products of a neutralization reaction?
7. What is the function of the high level of acid in the stomach?
8. What causes the stomach to produce more acid?
9. What is an antacid used for?
10. What is the common name for a substance that accepts a proton?
11. What is the common name for a substance that donates a proton?
12. Can water act as both an acid and a base?
13. What is the pH of pure water?
14. How can we measure pH?
15. What does a pH meter measure
16. What is the pH when the concentration of the hydronium ion  $[H_3O^+]$  is  $10^{-2}$
17. The value of the pH becomes larger as the  $[H_3O^+]$  becomes \_\_\_\_\_.
18. How can you determine if an acid is weak or strong?
19. What is it that makes one acid strong and another acid weak?
20. Does the molarity determine the pH of the solution?
21. What is the normal pH of rain?
22. How is rain water made acidic?
23. What damage does acid rain cause?