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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Acids and Bases

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3B |  |  |  |  |  |  |  |  E |  |  R |  | 4H |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  A |  |  |  |  | 5P |  |  |  U |  |  A |  |  Y |  |  |
|  |  |  |  |  |  |  |  | 6P |  | 7L |  I |  T |  M |  U |  S |  P |  A |  P |  E |  R |  |  |  T |  |  I |  |  D |  |  |
|  |  |  |  |  |  |  |  |  H |  |  |  |  |  |  |  E |  |  |  |  |  O |  |  |  R |  |  N |  |  R |  |  |
|  |  |  |  |  |  |  |  |  S |  |  |  |  | 8H |  |  |  |  |  |  |  T |  |  |  A |  |  C |  |  O |  |  |
|  |  |  |  |  |  |  |  |  C |  |  |  |  |  Y |  |  |  | 9W |  |  |  O |  |  |  L |  |  L |  |  X |  |  |
|  |  |  |  |  |  | 10W |  E |  A |  K | 11A |  C |  I |  D |  |  | 12L |  E |  M |  O |  N |  J |  U |  I |  C |  E |  |  I |  |  |
|  |  |  |  |  |  |  |  |  L |  |  C |  |  |  R |  | 13P |  |  A |  |  |  A |  |  |  Z |  |  A |  |  D |  |  |
|  |  |  | 14H |  |  |  |  |  E |  |  I |  |  |  O |  |  R |  |  K |  |  |  C |  |  |  A |  |  N |  |  E |  |  |
|  |  |  |  Y |  |  |  |  |  |  |  D |  |  |  G |  |  O |  |  B |  |  |  C |  |  |  T |  |  E |  |  I |  |  |
|  |  |  |  D |  |  |  |  |  |  |  S |  | 15N |  E |  U |  T |  R |  A |  L |  |  E |  |  |  I |  |  R |  |  O |  |  |
|  |  |  |  R |  |  |  |  |  |  |  |  |  |  N |  |  O |  |  S |  |  |  P |  |  |  O |  |  |  |  N |  |  |
|  |  |  |  O |  |  |  |  | 16S |  O |  L |  U |  T |  I |  O |  N |  |  E |  | 17S |  T |  R |  O |  N |  G |  B |  A |  S |  E |  |
|  |  |  |  G |  |  |  |  |  |  |  |  |  |  O |  |  D |  |  |  |  |  E |  |  |  |  |  |  |  |  |  |
|  | 18P |  R |  E |  C |  I |  P |  I |  T |  A |  T |  I |  O |  N |  |  O |  |  | 19S |  T |  R |  O |  N |  G |  A |  C |  I |  D |  |  |
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| **Across****7.** an indicator that turns red in an acidic solution **10.** an acid with a pH of 6**12.** an acidic solution that comes from lemons**15.** a solution that isn't an acid or a base**16.** a liquid mixture that could be defined as an acid or base**17.** a base with a pH of 14**18.** the processby which a precipitate forms**19.** an acid with a pH of 1**20.** chemicals that change colors when put in an acid or base to determine what it is | **Down****1.** the process of turning an acid more basic and a base more acidic**2.** a basic solution used to clean drains**3.** a substance that can accept hydrogen ions because it has a hydroxide ion**4.** bases have these ions**5.** since the hydroxide ion in a base can combine with a hydrogen ion, bases are often called...**6.** a scale that determines how acidic or basic a solution is**8.** an acid can donate these ions**9.** a base with a pH of 8**11.** a substance that can donate hydrogen ions **13.** a proton is a hydrogen ion so acids are often called...**14.** pH stands for potential.... |