

Name: _____ Date: _____

102.11 Matching

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| 1. substances of acidic or alkaline nature dissolve in the water and/or contain: | A. 4.5-5.5 |
| 2. A solution that has more positive hydrogen ions the negative hydroxide ions is: | B. Water |
| 3. when a solution has an equal number of hydrogen and hydroxide ions, the solution is considered: | C. logarithm |
| 4. distilled water with a pH of seven is considered: | D. pH meter |
| 5. on the pH scale, numbers less than seven indicate a: | E. Alkaline solution |
| 6. The most accurate method of measuring pH is with: | F. pH balanced |
| 7. on the pH scale, numbers less than seven indicate a: | G. Acidic |
| 8. what is the pH range of hair, skin and nails? | H. potential Hydrogen |
| 9. scale with values from 0 to 14, used to measure the concentration of H ⁺ ions in a solution; a pH of 0 to 7 is acidic, a pH of 7 is neutral, and a pH of 7 to 14 is basic | I. indicator paper |
| 10. indicates whether a substances is an acid or a alkaline.
Litmus | J. Neutral |
| 11. Find out concentration of an acid or alkaline (Base). 0-6 is an acid the lower the more concentrated. 7 is neutral. 8-14 is basic. The higher the more concentrated. | K. Pure water has a pH of |
| 12. Potential Hydrogen (pH) power/potential of hydrogen; a number signifying the acidity or alkalinity of a chemical solution; the measure of hydrogen ion concentration of a solution. The scale ranges from 0 to 14, 0 being completely acid, 14 completely basic, and 7 neutral. Blood has a pH of 7.35-7.45. | L. Acidic Solution |
| 13. multiples of ten | M. neutral |
| 14. 7 (neutral) | N. pH scale |