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

pH

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| **Across**  **5.** pH \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is where you add product to a wet hand or surface and rub the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ onto the solution  **7.** 7  **10.** the pH scale is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ scale  **11.** is a measurement of the acidity or alkalinity of a substance  **12.**  an atom or molecule that carries an electrical charge  **14.** 7.1-14  **15.**  made up of sweat and sebum to protect against certan forms of bacteria and other microorganisms  **16.** is an ion with a positive charge | **Down**  **1.** very strong alkali used in relaxers, callous softeners, and drain cleaners  **2.** used in skin and hair care products  **3.** a solution must contain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to have a pH  **4.** causes an atom or molecule to split in two, creating a pair of ions with the opposite electrical charge  **6.** the most accurate testing method  **8.** most common method  **9.** 0-6.9  **13.**  is an ion with a negative charge |