Acids and Bases

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| **Across**  **2.** Organic compounds that indicate whether a substance is an acid or a base  **5.** Acids have \_\_\_\_\_\_\_ as their first element  **9.** Indicator that has different colors to represent different pH  **13.** A solution with a lot of hydroxide (OH-) ions  **14.** Both acids and bases are \_\_\_\_\_\_\_\_  **16.** Acids and bases both conduct \_\_\_\_\_\_\_\_\_  **17.** a base has a pH \_\_\_\_\_\_ than seven  **18.** an acid has a pH \_\_\_\_\_ than seven  **21.** Indicator that is a liquid and put directly in the substance that changes color  **22.** Bases taste \_\_\_\_\_\_ | **Down**  **1.** During a reaction where a neutral substance is created, a salt and a \_\_\_\_\_ are created  **3.** Type of reaction between an acid and a base, which produce a neutral substance  **4.** acids contain an element that is a \_\_\_\_\_\_\_\_\_  **6.** Way to measure how acid or basic a substance is on a scale of 0-14  **7.** Indicator that be be either blue or red  **8.** A solution with a lot of hydrogen (H+) ions  **10.** Bases have \_\_\_\_\_\_\_\_ at the end of their chemical formula  **11.** Bases contain elements that are \_\_\_\_\_  **12.** Acids taste \_\_\_\_  **15.** another name for a base  **19.** a neutral substance has a pH of \_\_\_\_\_  **20.** Made from the positive ion of the base and the negative ion of the acid, formed during a reaction where a neutral substance is produced |