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

Acids and Alkali

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |
|  |  |  |  | 2 |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 4 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 5 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | 7 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | 8 |  |  |  |  |  |  |  |  |
|  |  |  | 9 |  |  |  |  |  |  | 10 |  |  |  |  | 11 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 12 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 13 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 14 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **Across**  **5.** The colour of universal indicator at pH 7  **7.** This flower goes pink/ red in acid and dark green in alkali solution  **9.** Washing-up liquid is an example of an  **10.** Water is \_\_\_\_\_\_ because it has a pH of 7  **13.** Acids taste \_\_\_\_\_  **14.** Blue litmus paper turns \_\_\_\_ when added to acids | **Down**  **1.** The have a pH above 7  **2.** we can use a \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ to find out HOW acidic or alkaline a solution is  **3.** Red litmus paper turns \_\_\_\_\_\_\_ when added to alkalis  **4.** We can use an \_\_\_\_\_\_\_\_\_\_ to find out if something is acid or alkaline  **6.** Which is more acidic, milk or stomach acid?  **8.** A concentrated solution has \_\_\_\_\_ acid particles per litre than a dilute solution  **11.** The have a pH of less than 7  **12.** A concentrated solution of acid is \_\_\_\_\_ corrosive than a dilute solution |