pH and pOH Table Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| EXAMPLE | SUBSTANCE | [H+] | [OH-] | pH | pOH | acid, base, or neutral? |
| 1 | HBr | 1.0 x 10-4 M |  |  |  |  |
| 2 | NaOH |  |  | 9.0 |  |  |
| 3 | KOH |  |  | 8.0 |  |  |
| 4 | NaOH |  | 2.5 x 10-5 M |  |  |  |
| 5 | HCl |  |  | 4.5 |  |  |
| 6 | pumpkin pulp | 1.0 x 10-5 M |  |  |  |  |
| 7 | urine | 5.0 x 10-9 M |  |  |  |  |
| 8 | saliva |  |  |  | 7.0 |  |
| 9 | beer |  | 3.1 x 10-10 M |  |  |  |
| 10 | soda pop |  |  |  | 11 |  |
| 11 | stomach contents |  |  | 2.0 |  |  |
| 12 | vinegar |  |  | 2.9 |  |  |
| 13 | milk |  |  |  | 7.5 |  |
| 14 | potatoes |  | 6.3 x 10-9 M |  |  |  |
| 15 | blood | 3.98 x 10-8 M |  |  |  |  |
| 16 | intestinal contents |  |  | 6.5 |  |  |
| 17 | apples |  | 1.3 x 10-11 M |  |  |  |

Chem 332 – O’Dette Date \_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_