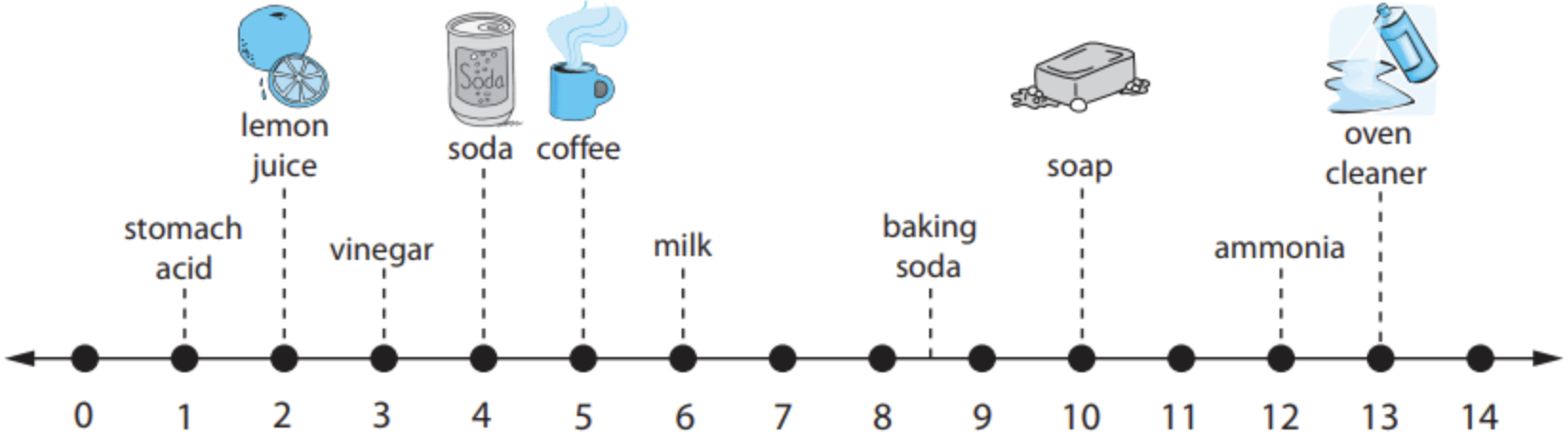
**The pH Scale Quiz**



1. What is the pH scale used for?

The pH scale allows us to determine if a solution is an acid, a base, or neutral.

2. An increase or decrease by 1 integer on the pH scale corresponds to a 10-fold change in the concentration of H+ ions.

|  |
| --- |
| a) True  b) False |

3. Solutions with a very low pH produce lots of OH- ions.

|  |
| --- |
| a) True  b) False |

4. Water is a \_\_\_\_\_\_ on the pH scale.

|  |  |
| --- | --- |
| a) 0  b) 7 | c) 11  d) 14 |

5. Vinegar is \_\_\_\_\_\_.

|  |  |
| --- | --- |
| a) Acidic  b) Basic | c) Neutral  d) None of the above |

6. Soap is \_\_\_\_\_\_.

|  |  |
| --- | --- |
| a) Acidic  b) Basic | c) Neutral  d) None of the above |

7. Ammonia is more \_\_\_\_\_\_ than soap.

|  |  |
| --- | --- |
| a) Acidic  b) Basic | c) Neutral  d) None of the above |

8. Soda is how much more acidic than coffee?

|  |  |
| --- | --- |
| a) 10 times  b) 100 times | c) 1,000 times  d) 10,000 times |

9. Oven cleaner is how much more basic than soap?

|  |  |
| --- | --- |
| a) 10 times  b) 100 times | c) 1,000 times  d) 10,000 times |

10. Stomach acid is how much more acidic than vinegar?

|  |  |
| --- | --- |
| a) 10 times  b) 100 times | c) 1,000 times  d) 10,000 times |