

Name _____

Acids and Bases: The Dynamic Duo of Chemistry

Multiple Choice Questions

1. What taste is associated with acids?
 - a) Sweet
 - b) Sour
 - c) Bitter
 - d) Salty

2. Which ions do acids release when dissolved in water?
 - a) Hydroxide ions (OH^-)
 - b) Sodium ions (Na^+)
 - c) Hydrogen ions (H^+)
 - d) Oxygen ions (O^{2-})

3. Which of the following has a pH greater than 7?
 - a) Lemon juice
 - b) Vinegar
 - c) Soap
 - d) Water

4. What role do acids play in your stomach during digestion?
 - a) They neutralize the food.
 - b) They provide energy to the body.
 - c) They help break down food.
 - d) They remove waste from the body.

5. What is the pH of a neutral substance on the pH scale?
 - a) 0
 - b) 7
 - c) 14
 - d) 10

