

Neutralisation in Everyday Life

1. Fill in the Blanks:

- a. Neutralization is a chemical reaction between _____ and _____ that results in the formation of water and a salt.
- b. When you have indigestion or a stomachache due to excess stomach acid, you can take an _____ to neutralize the excess acid.
- c. Baking soda, also known as _____, is a common household substance that can be used as an antacid to neutralize stomach acid.
- d. When an acid and a base react, they produce water and a _____.

2. True or False:

- a. Neutralization is a chemical reaction between an acid and a base that results in the formation of water and a salt.
- b. Antacids are substances that can be used to increase the acidity in the stomach.
- c. Baking soda, also known as sodium bicarbonate, is often used as an antacid to neutralize excess stomach acid.
- d. When an acid and a base react, they produce only water and no other products.

3. Match the following: -

| Column A | Column B |
|-----------------|---|
| i. Acid | A. Neutralizes excess stomach acid. |
| ii. Base | B. Common household source of citric acid. |
| iii. Antacid | C. Substance with a pH less than 7. |
| iv. Lemon Juice | D. Substance with a pH greater than 7. |
| v. Toothpaste | E. Contains a base to protect teeth from decay. |