

BrainPOP- pH Scale

Name _____

Visit the main page of the **Kid Zone** at <http://sciencespot.net/> to find the link for BrainPOP.

- The term _____ refers to the chemical potential of hydrogen.
- The pH _____ measures how _____ or basic a substance on a scale of 1 to 14. _____ measure from 1 to 7, while the _____ or alkaline side measures from 7 to 14.
- Identify each as an acid (A) or a base (B).
____ Lemon juice ____ Soap ____ Battery acid ____ Hydrochloric acid
____ Toothpaste ____ Vinegar ____ Baking soda ____ Floor cleaner
- Really strong acids and bases are found at the _____ of the scale, while those near the _____ are weaker. Right in the middle at exactly 7, or pH _____, you have pure water.
- Acids contain _____ ions (H^+), while bases contain _____ (OH^-) ions. Ions are atoms that have either lost or gained _____. In bases you find hydroxyl ions, which have _____ electrons. Hydrogen ions found in acids are _____ that have had an electron knocked off, which is why these ions are always trying to get the lost electrons back. When you put a metal in acid, the metal starts to _____.
- Bases have the power to _____ acids. The hydroxyl ion _____ its electron with the hydrogen ion. The H^+ from the hydrogen ion and the OH^- from the hydroxyl ion bond together to form H_2O , which is _____ with pH neutral. Different types of _____ are formed depending on the types of acids and bases involved in the reaction.
- When Moby poured the baking soda (a base) into the vinegar (an acid), a reaction occurred. Salt, water, and _____ were produced by the reaction.
- _____ are substances that can block changes in their pH for period of time. You can find them on buffered aspirin, which keeps your _____ from dissolving the medicine too quickly. Buffers are made by combining _____ acids and bases. Buffers also are found in our body to keep our the pH of our _____ at or around 7.4.
- Most science labs have pH paper, which is paper that has been soaked in a special chemical _____. They turn _____ in an acid and _____ in a base. By comparing the color of the pH paper to a chart, you can determine how _____ an acid or base is.
- Constant reactions between acids and bases keep our _____ from being too acidic or too alkaline.

Word Bank:

Acidic
Acids
Atoms
Bases
Blood
Blue
Buffers
Carbon dioxide
Center
Dissolve
Electrons
Ends
Environment
Gained
Hydrogen
Hydroxyl
Indicator
Neutral
Neutralize
pH
Red
Salts
Scale
Shares
Stomach acid
Strong
Water
Weak

Brainpop Ph Scale Answer Key

Katrin Zwirgmaier



Brainpop Ph Scale Answer Key:

Decoding **Brainpop Ph Scale Answer Key**: Revealing the Captivating Potential of Verbal Expression

In an era characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its ability to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Brainpop Ph Scale Answer Key**," a mesmerizing literary creation penned with a celebrated wordsmith, readers set about an enlightening odyssey, unraveling the intricate significance of language and its enduring impact on our lives. In this appraisal, we shall explore the book's central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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ses projections extérieures à grande échelle il en a réalisé plus d une quarantaine présentées dans plus d une douzaine de
pays biographie

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since 1980 he has created more than seventy large scale slide and video projections of politically charged images on
architectural façades and monuments worldwide

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web krzysztof febcebdiczko es un artista que actualmente vive en boston y enseña en mit es hijo de un director de orquesta polaco bohdan wodiczko él nació el año 1943 en varsovia y se graduó de la academia de bellas artes de varsovia en 1968 con el grado en diseño industrial e impartió clases en el politécnico de varsovia hasta 1977

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academia de bellas artes de varsovia posteriormente ejerció de profesor en la universidad politécnica de esa ciudad hasta que en 1977 se instaló en ontario Canadá

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