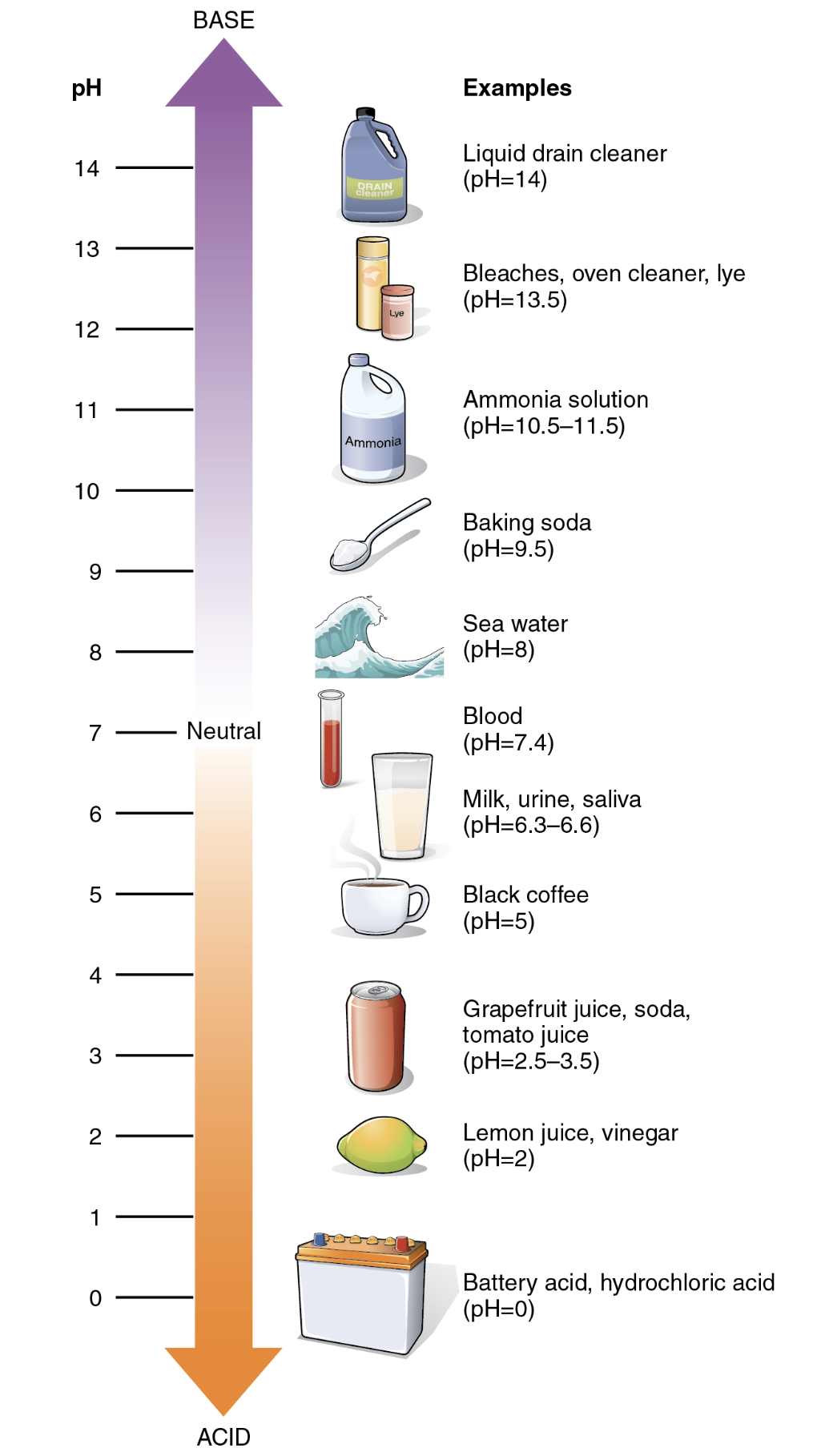
**Text

Description automatically generatedpH Facts for Kids**

From: [Kids Encyclopedia Facts](https://kids.kiddle.co/)

**pH** (**potential of hydrogen)** is a scale of acidity from 0 to 14. It tells how [acidic](https://kids.kiddle.co/Acid) or [alkaline](https://kids.kiddle.co/Alkali) a substance is. More acidic solutions, have lower pH. More alkaline solutions, have higher pH. Substances that aren't acidic or alkaline (that is, neutral solutions) usually have a pH of 7. [Acids](https://kids.kiddle.co/Acid) have a pH that is less than 7. [Alkalis](https://kids.kiddle.co/Alkali) have a pH that is greater than 7. pH is a measure of the [concentration](https://kids.kiddle.co/Concentration_(chemistry)) of [protons](https://kids.kiddle.co/Proton) (H+) in a [solution](https://kids.kiddle.co/Solution). S.P.L. Sørensen introduced this concept in 1909. The p stands for *potenz*, which in German means power or concentration, and the H for the hydrogen ion (H+). Alkaline substances have, instead of hydrogen ions, a concentration of [hydroxide](https://kids.kiddle.co/Hydroxide) ions (OH-).

**Some common pH values**

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**Neutralization**

Neutralization can be summed up as:

H+ + OH− → H2O or: acid + base = water