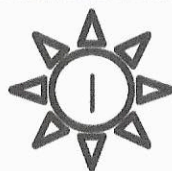
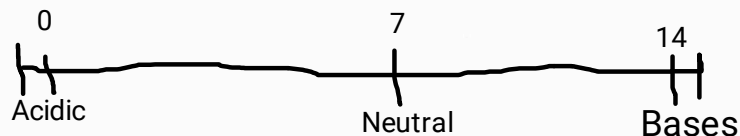


ACIDS & BASES



Draw a pH scale with acidic, basic, and neutral properly labeled on it.



ACIDS & BASES



A substance that produces H^+ (hydronium) ions in water is a(n) Acid.

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A substance that produces OH^- (hydroxide) ions in water is a(n) Base.

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What color will an acid turn blue litmus paper?

It will turn it red

ACIDS & BASES



Is water (H_2O) is an example of an acid, base, or neutral substance?

What is its pH?

It is 7

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What is the pH range for an acid?

0-7

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What is the pH range for a base?

7-14

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What color will a base turn red litmus paper?

It will turn it blue

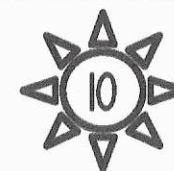
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How could you neutralize an acid? (*Hint - think about what Tums do in your stomach*).

You eat/use a base

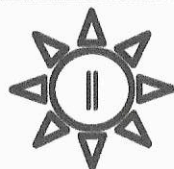
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Give three examples of acids.

It taste sour, It dissolves metals, and neutralizes bases

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Give three examples of bases.

Taste bitter, Feels slippery, and dissolves skin or hair

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What happens when ~~red~~ litmus paper is dipped into an acid?

It turns it red

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What are two properties of an acid?

It turns litmus paper red, and taste sour

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Give an example of an indicator that can be used to identify acids and bases.

Something that you can use is litmus paper

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The pH scale measures the concentration of _____ ions.

hydrogen

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What happens when ~~blue~~ litmus paper is dipped into a base?

It turns blue

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What are two properties
of a base?

Turns litmus paper blue, and dissolves skin or hair

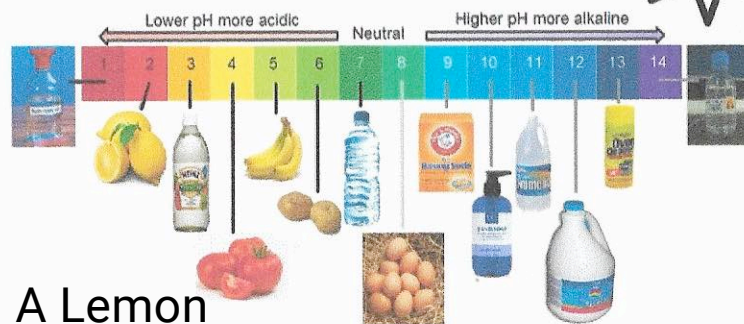
ACIDS & BASES



What do a tomato and
soda have in common?

They can both neutralize each other.

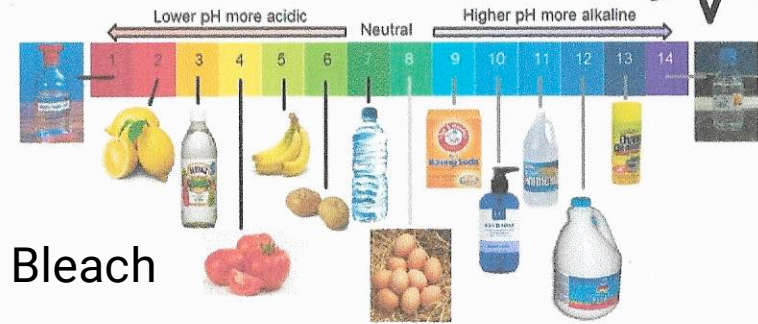
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A Lemon

Which is more acidic, a banana
or a lemon?

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Bleach

Which is more basic, bleach or baking
soda?