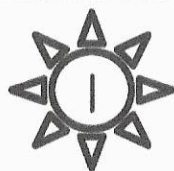
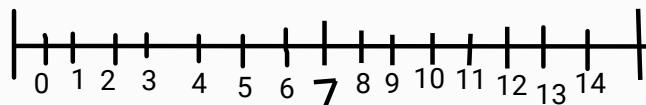


ACIDS & BASES



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.

ACIDS & BASES



What color will an acid turn blue litmus paper?

Base

ACIDS & BASES



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

What is its pH?

Water is a neutral substance.

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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?

8-14

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What color will a base turn red litmus paper?

blue

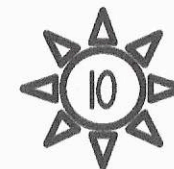
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How could you neutralize an acid? (*Hint - think about what Tums do in your stomach*).

Can use a base

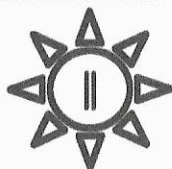
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Give three examples of acids.

- Has H- in front of its *formula*
- Neutralizes bases
- Turns Litmus paper red

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Give three examples of bases.

- Has -OH at the end of its formula
- Tastes bitter
- Substance can accept a hydrogen ion.

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

It turns red

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What are two properties of an acid?

- Taste sour
- Dissolves metals

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

- 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 a different color, blue.

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What are two properties
of a base?

- Slippery
- Turns litmus paper blue

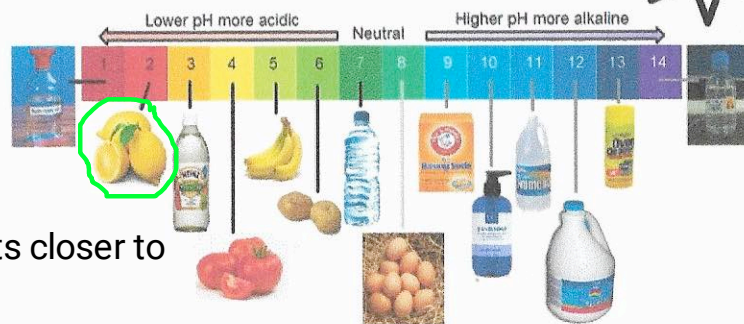
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What do a tomato and
soda have in common?

They are both an acid.

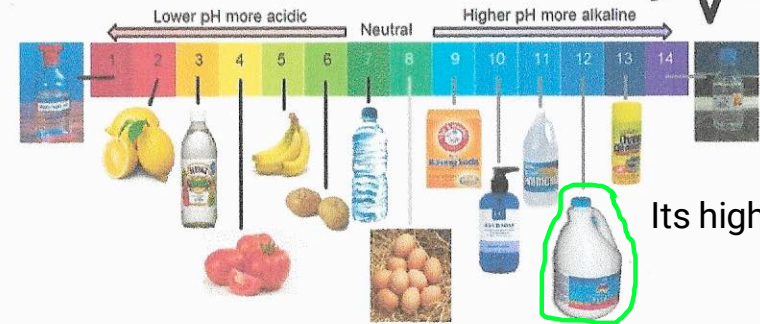
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Its closer to
0

Which is more acidic, a banana
or a lemon?

ACIDS & BASES



Its higher

Which is more basic, bleach or baking
soda?