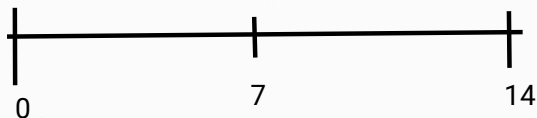


ACIDS & BASES



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 _____.

ACIDS & BASES



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

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What color will an acid turn blue litmus paper?

red

ACIDS & BASES



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

What is its pH?

neutral, 7

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What is the pH range for an acid?

0 to 6

ACIDS & BASES



What is the pH range for a base?

8 to 14

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What color will a base turn red litmus paper?

blue

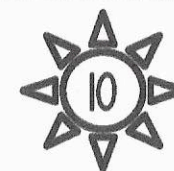
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How could you neutralize an acid? (*Hint - think about what Tums do in your stomach*).

stomach tablets

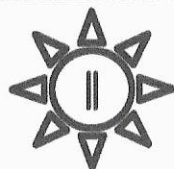
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Give three examples of acids.

sour, litmus paper red, dissolves metals

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Give three examples of bases.

dissolves skin and hair, taste bitter, feel slippery

ACIDS & BASES



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

it will turn red

ACIDS & BASES



What are two properties of an acid?

taste sour, dissolves metals

ACIDS & BASES



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

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The pH scale measures the concentration of _____ ions.

hydrogen

ACIDS & BASES



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

turns blue

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What are two properties
of a base?

taste bitter, dissolves skin or hair

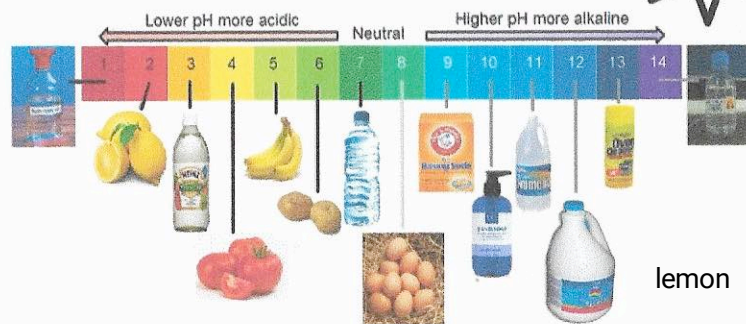
ACIDS & BASES



What do a tomato and
soda have in common?

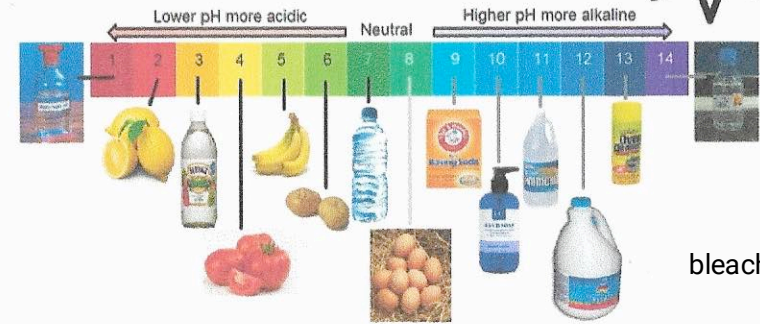
they are both acids

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Which is more acidic, a banana
or a lemon?

ACIDS & BASES



Which is more basic, bleach or baking
soda?