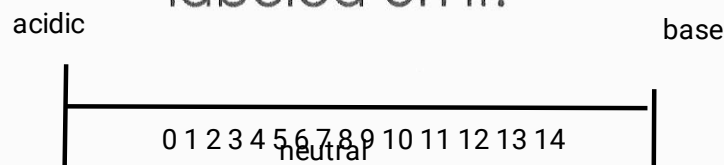


ACIDS & BASES



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) base.

ACIDS & BASES



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?

it is neutral and it's level 7

ACIDS & BASES



What is the pH range for an acid?

0-6

ACIDS & BASES



What is the pH range for a base?

8-14

ACIDS & BASES



What color will a base turn red litmus paper?

blue

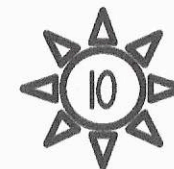
ACIDS & BASES



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

stomach tablets

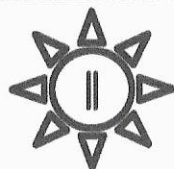
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Give three examples of acids.

batter acids, stomach acid and lemon

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Give three examples of bases.

blood baking soda and ammonia solution.

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

it turns blue

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What are two properties
of an acid?

taste sour and dissolves metals.

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

hydrogen ions

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The pH scale measures the
concentration of hydrogen ions.

ACIDS & BASES



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

turns blue

ACIDS & BASES



What are two properties
of a base?

taste bitter and feels slippery

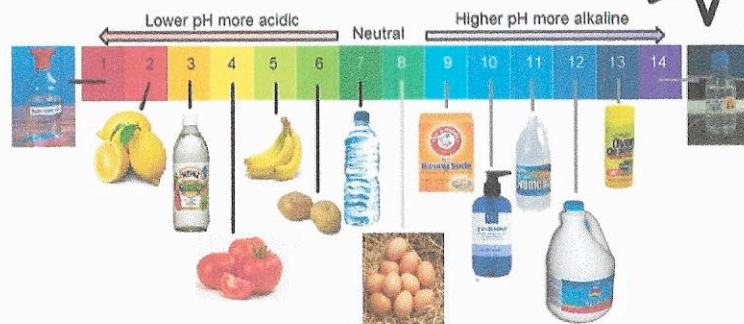
ACIDS & BASES



What do a tomato and
soda have in common?

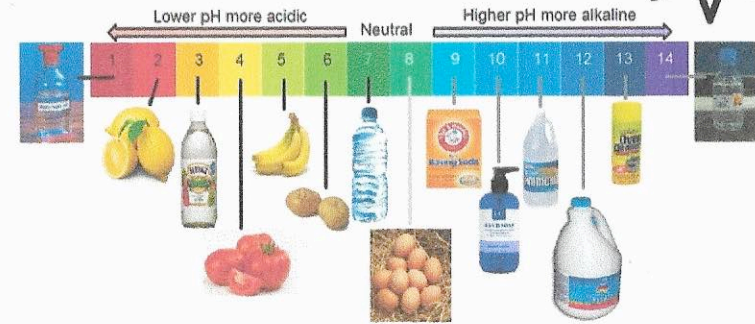
there both acids

ACIDS & BASES



Which is more acidic, a banana
lemon
or a lemon?

ACIDS & BASES



Which is more basic, bleach or baking
bleach
soda?