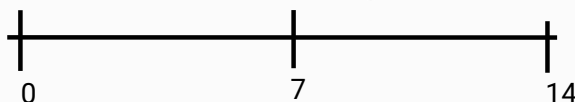


ACIDS & BASES



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) _____ acids _____.

ACIDS & BASES



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

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?

neutral, 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

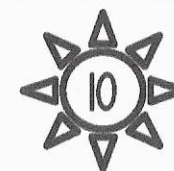
ACIDS & BASES



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

stomach tablets

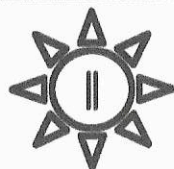
ACIDS & BASES



Give three examples of acids.

sour, litmas paper turns red, dissolves metals

ACIDS & BASES



Give three examples of bases.

dissolves skin or hair , taste bitter , turns litmas paper blue

ACIDS & BASES



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

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.

ACIDS & BASES



The pH scale measures the concentration of _____ ions.

hydrogen

ACIDS & BASES



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

blue

ACIDS & BASES



What are two properties
of a base?

taste bitter and dissolves skin or hair

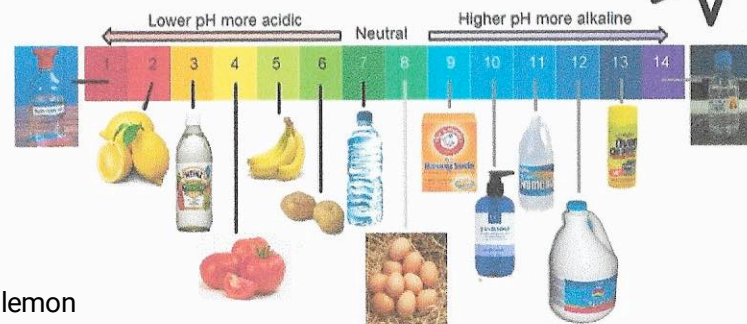
ACIDS & BASES



What do a tomato and
soda have in common?

they are both acids

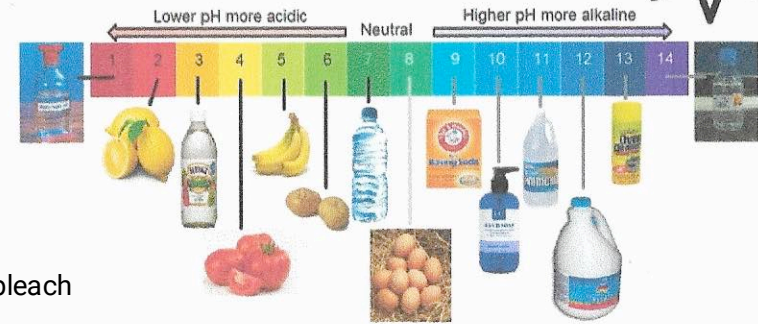
ACIDS & BASES



lemon

Which is more acidic, a banana
or a lemon?

ACIDS & BASES



bleach

Which is more basic, bleach or baking
soda?