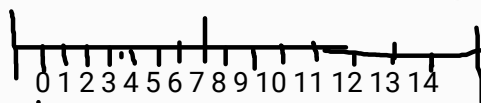


ACIDS & BASES



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?

base

ACIDS & BASES



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

What is its pH?

water is neutral

ACIDS & BASES



What is the pH range for an acid?

0-7

ACIDS & BASES



What is the pH range for a base?

8-14

ACIDS & BASES



What color will a base turn red litmus paper?

red

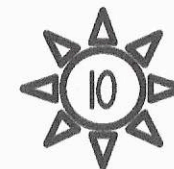
ACIDS & BASES



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

you can use a base

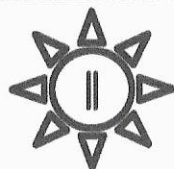
ACIDS & BASES



Give three examples of acids.

- neutralizes bases
- turns litmus paper red
- has H- in front of formulas

ACIDS & BASES



Give three examples of bases.

- tastes bitter
- substance that can accept a hydrogen ion
- has -OH at the end of the formula

ACIDS & BASES



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

it turns red

ACIDS & BASES



What are two properties of an acid?

- dissolves metals
- tastes sour

ACIDS & BASES



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

litmus paper

ACIDS & BASES



The pH scale measures the concentration of hydrogen ions.

ACIDS & BASES



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

it turns blue

ACIDS & BASES



What are two properties
of a base?

- dissolves skin/hair
- turns litmus paper blue

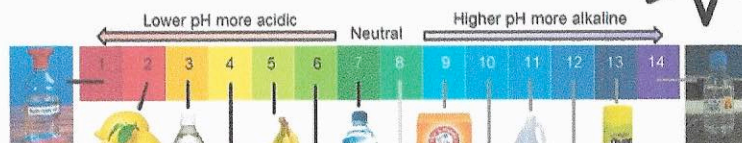
ACIDS & BASES



What do a tomato and
soda have in common?

they'er both an acid

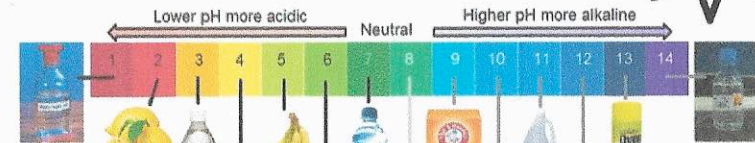
ACIDS & BASES



a lemon
because it's
close to 0

Which is more acidic, a banana
or a lemon?

ACIDS & BASES



bleach
because
it's higher

Which is more basic, bleach or baking
soda?