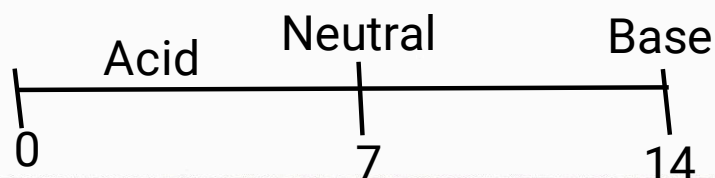


ACIDS & BASES



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?

An acid will turn litmus paper red.

ACIDS & BASES



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

What is its pH?

Water is neutral and its pH level is a 7

ACIDS & BASES



What is the pH range for an acid?

0-6

ACIDS & BASES



What is the pH range for a base?

8 to 14

ACIDS & BASES



What color will a base turn red litmus paper?

A base will turn litmus paper blue.

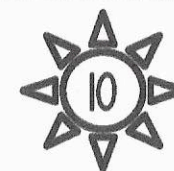
ACIDS & BASES



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

You can neutralize an acid by adding water or taking medicine.

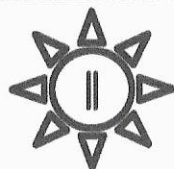
ACIDS & BASES



Give three examples of acids.

3 examples of acids are 1. Lemons,
2. Stomach acid and 3. Soda

ACIDS & BASES



Give three examples of bases.

3 examples of bases are sodium, hydroxide, calcium carbonate, and potassium.

ACIDS & BASES



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

The acid will make the litmus paper red.

ACIDS & BASES



What are two properties of an acid?

Acid tastes sour and it dissolves metals.

ACIDS & BASES



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

Acid tastes sour and bases taste bitter.

ACIDS & BASES



The pH scale measures the concentration of _____ ions.

Hydrogen

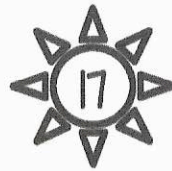
ACIDS & BASES



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

It turns blue.

ACIDS & BASES



What are two properties
of a base?

A base feels slippery and dissolves
skin and hair

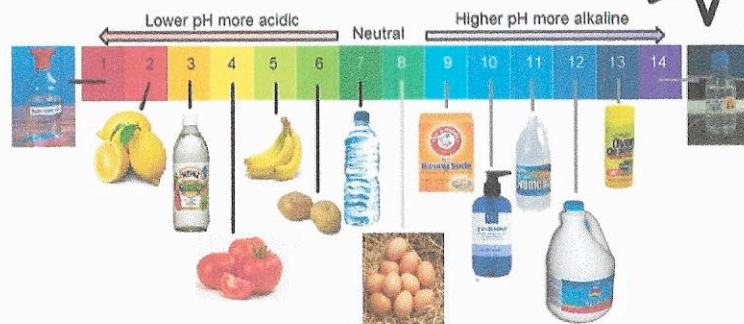
ACIDS & BASES



What do a tomato and
soda have in common?

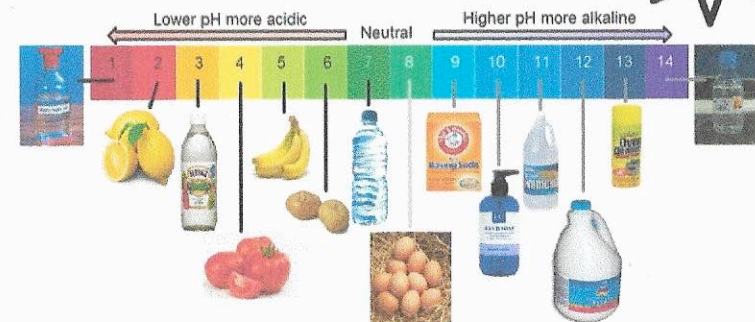
A tomato and soda are both examples
of acids.

ACIDS & BASES



Which is more acidic, a banana
or a lemon?

ACIDS & BASES



Which is more basic bleach or baking
soda?