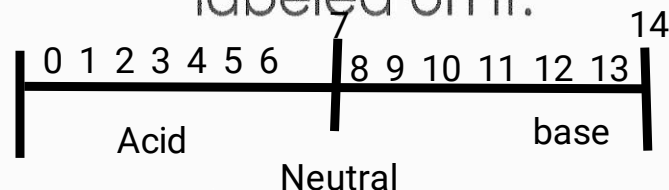


ACIDS & BASES



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.

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

ACIDS & BASES



What color will an acid turn blue litmus paper?

ACIDS & BASES



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

What is its pH?

Water is a neutral and on the scale its a 7

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What is the pH range for an acid?

The range for acid is 0-6

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What is the pH range for a base?

The pH range for a base is 8-14

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What color will a base turn red litmus paper?

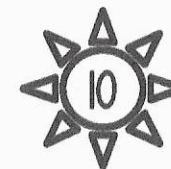
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How could you neutralize an acid? (*Hint - think about what Tums do in your stomach*).

You could neutralize an acid by eating or drinking something that's on the base side.

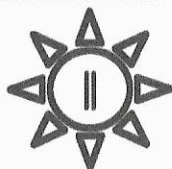
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Give three examples of acids.

1 cheese 2 lemon juice, 3 urine

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Give three examples of bases.

1 carrot, 2 egg whites, 3 soap

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

It turns red

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What are two properties of an acid?

one properties of an acid is taste sour and dissolve metals

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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 Hydrogen ions.

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

What happens is that the paper turns blue.

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What are two properties
of a base?

1 taste bitter and feels slippery

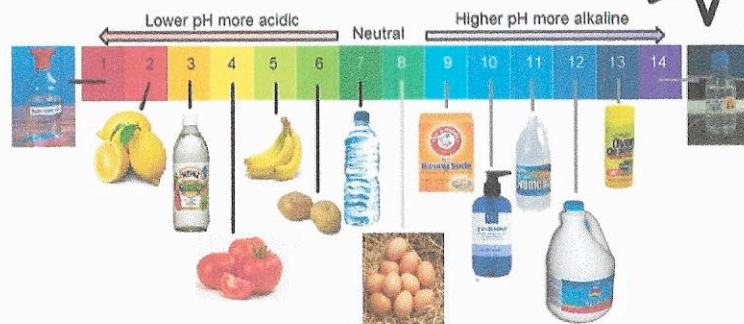
ACIDS & BASES



What do a tomato and
soda have in common?

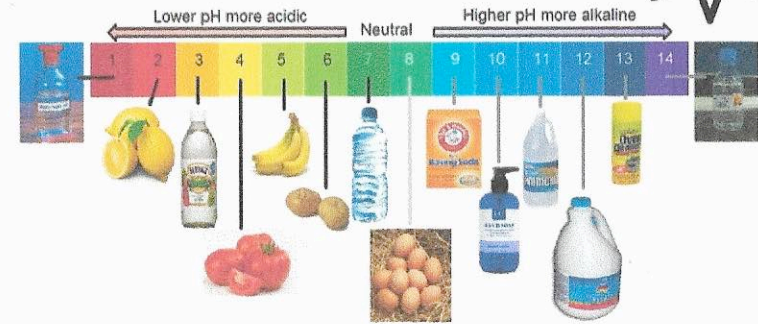
A tomato and soda have in common is that its both
acid

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Which is more acidic, a banana
or a lemon?

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Which is more basic, bleach or baking
soda?