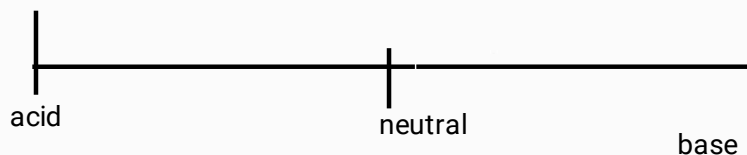


ACIDS & BASES



Draw a pH scale with acidic, basic, and neutral properly labeled on it.



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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.

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What color will an acid turn blue litmus paper?

an acid will turn litmus paper red

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

What is its pH?

water is neutral and its pH scale is 7

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What is the pH range for an acid?

0 to 6

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What is the pH range for a base?

8 to 14

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What color will a base turn red litmus paper?

a base will turn litmus paper blue

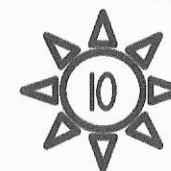
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How could you neutralize an acid? (*Hint - think about what Tums do in your stomach*).

you can neutralize an acid by adding water to it

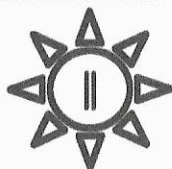
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Give three examples of acids.

3 examples of acids are vomit, lemon, and vinegar

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Give three examples of bases.

3 examples of bases are blood, baking soda, and bleach

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

the acid will make the litmus paper turn red

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What are two properties
of an acid?

acid can dissolve metals be sour

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

base's taste bitter and acid tastes sour

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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?

the litmus paper turns blue

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What are two properties
of a base?

a base can dissolve skin and hair and also taste bitter

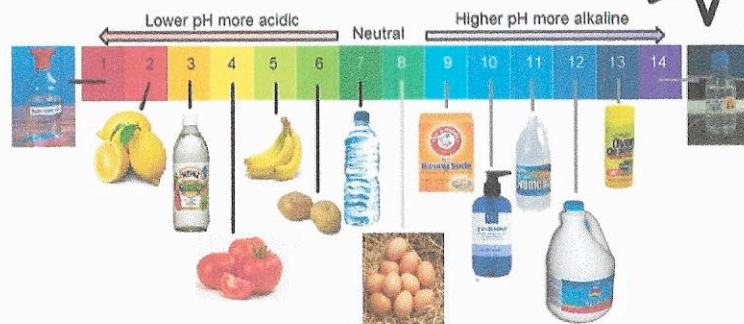
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What do a tomato and
soda have in common?

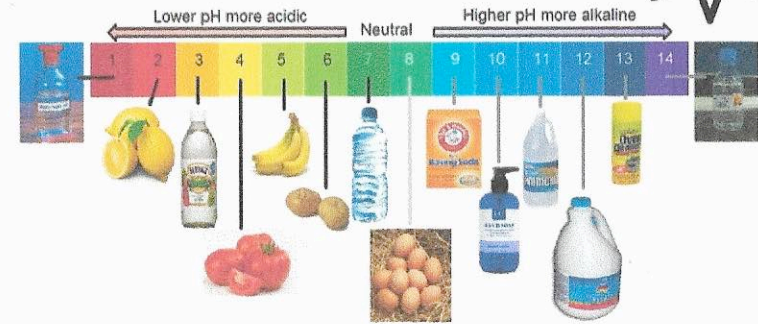
they are both acids

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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?