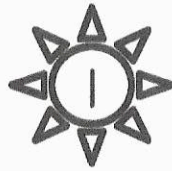
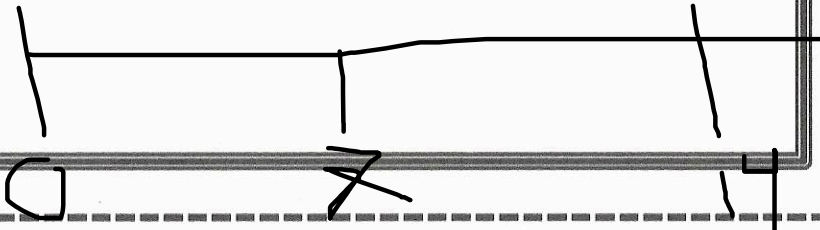


ACIDS & BASES



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) _____.

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What color will an acid turn blue litmus paper?

Base properties

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

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What is the pH range for an acid?

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What is the pH range for a base?

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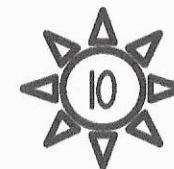
What color will a base turn red litmus paper?

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

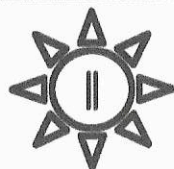
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Give three examples of acids.

1. Taste sour ex :lemon,vinegar
2. Dissolves metals
3. Neutralizes

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Give three examples of bases.

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

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What are two properties of an acid?

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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 _____ ions.

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

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What are two properties of a base?

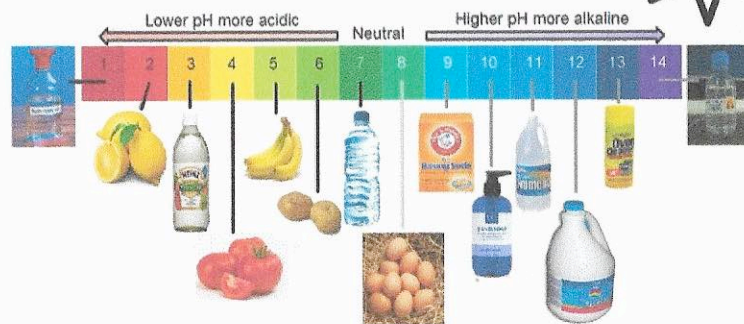
1. taste bitter
2. Dissolves skin and hair.

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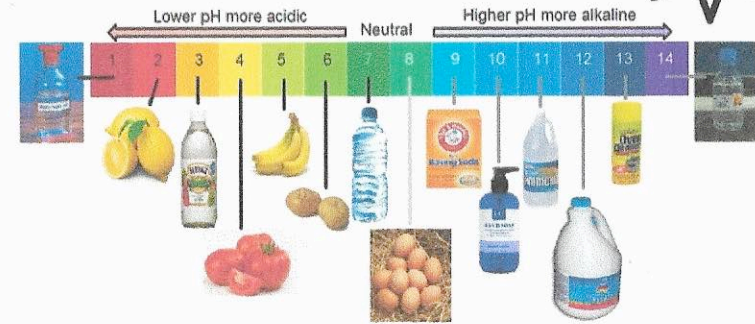
What do a tomato and soda have in common?

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Which is more acidic, a banana or a lemon?

ACIDS & BASES



Which is more basic, bleach or baking soda?