



Name _____ Class _____ Date _____

Match each of the following terms to its definition:

PH scale

Litmus paper

Hydroxide

Salt

Neutralization

Acid

Base

Indicator

1. _____ - a sour substance that can react with metals and turns blue litmus paper red; when placed in water, acids release hydrogen ions into the water



2. _____ - a type of bitter substance that releases hydroxide ions in water and turns red litmus paper blue; bases often have a slippery feel and strong bases can burn your skin



3. that is



4.

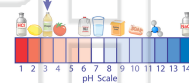
5. solution

6. bases

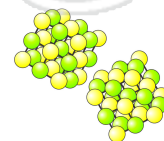
PREVIEW

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7. _____ - a numerical scale used to measure the amount of hydrogen ions there are in a solution; a scale which measures the acidity and alkalinity of a substance



8. _____ - a substance formed when the negative ion of an acid combines with the positive ion of a base





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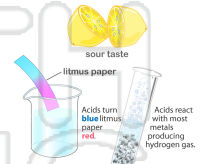
Neutralization

Acid

Base

Indicator

1. acid - a sour substance that can react with metals and turns blue litmus paper red; when placed in water, acids release hydrogen ions into the water



2. base - a type of bitter substance that releases hydroxide ions in water and turns red litmus paper blue; bases often have a slippery feel and strong bases can burn your skin



3. hydroxide - a negatively charged ion found in bases



4. indicator - a substance that changes color when it reacts with an acid or a base

5. litmus solution - a natural dye that is used as a pH indicator

6. neutralization - a chemical reaction in which an acid and a base react to form a salt and water

PREVIEW
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7. pH scale - a numerical scale used to measure the amount of hydrogen ions there are in a solution; a scale which measures the acidity and alkalinity of a substance



8. salt - a substance formed when the negative ion of an acid combines with the positive ion of a base

