

7E Acids and alkalis

literacy in science

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Answer all the questions below:



Click mouse to reveal answer

1) Unscramble the following words:

cida

catroindi

ongtrs

seab

2) Make three sentences using the following nine words or phrases:

acids

acid

a good

corrode

alkali

example of a

metals like iron

neutralization

strong alkali is

3) Match the word or phrase with the right meaning:

pH

How much of something is in a solvent like water

Neutralization

When an acid and an alkali react forming water and a salt

Concentration

Tell us whether a liquid is acidic, neutral or alkali

Answer all the questions below:

1) Unscramble the following words:

acid

indicator

strong

base

2) Make three sentences using the following nine words or phrases:

acids

acid

a good

corrode

alkali

example of a

metals like iron

neutralization

strong alkali is

3) Match the word or phrase with the right meaning:

pH

Tells us whether a liquid is acidic, neutral or alkali

Neutralization

When an acid and an alkali react forming water and a salt

Concentration

How much of something is in a solvent like water

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complete the sentence

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Place the right word or words to complete the sentence:



Click mouse to reveal answer

acid

affect

corrosive

alkali

strong

neutralised

citrus

indicator

death

- Strong acids can react with most materials and are described as _____ .
- Citric acid is found in_____ fruits and is known a vitamin C.
- An _____ can tell you the pH of a substance.
- Any substance that has a pH of 8 and above is an _____ .
- Caustic soda is a good example of a_____ alkali.
- When an acid and alkali are added together they are_____ .
- The pH of soil can_____ how well some crops like wheat will grow.
- Toxic means that this substance can cause _____ if swallowed.
- Irritant describes a substance that is not_____, but it will make the skin itch.

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complete the sentence

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- a) **Strong acids can react with most materials and are described as corrosive.**
- b) **Citric acid is found in citrus fruits and is known a vitamin C.**
- c) **An indicator can tell you the pH of a substance.**
- d) **Any substance that has a pH of 8 and above is an alkali.**
- e) **Caustic soda is a good example of a strong alkali.**
- f) **When an acid and alkali are added together they are neutralised.**
- g) **The pH of soil can affect how well some crops like wheat will grow.**
- h) **Toxic means that this substance can cause death if swallowed.**
- i) **Irritant describes a substance that is not corrosive, but it will make the skin itch.**