

Name:

Class:



Describe a test for oxygen gas.

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Give the formula of calcium hydroxide.

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In the table below, tick one box for each liquid to show whether it is acidic, neutral or alkaline. One has been done for you.

Liquid	pH	Acid	Neutral	Alkaline
Alcohol	7			
Drain cleaner	1			
Distilled water	7		✓	
Vinegar	3			
Oven cleaner	13			

i. Which liquid is the strongest acid?

ii. Which liquid is strongest alkali?

iii. Which is the weakest acid?

How many atoms are present in a molecule of aluminium oxide, Al_2O_3 .

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State what is meant by a "hydrocarbon"?

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Assuming that stomach acid is hydrochloric acid, complete the word equation for its reaction with magnesium hydroxide.

hydrochloric acid + magnesium hydroxide →

Give the symbols of the following elements.

Potassium	Aluminium
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Circle the correct answer.

A gas not usually found in air?

Carbon dioxide hydrogen oxygen

Describe the chemical test for hydrogen gas.

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