

# Acids and Alkalis Test Yourself 3

## Anagrams

Below are the names of 3 well known acids. Rearrange the letters to name them.

trinic ciad \_\_\_\_\_

slfruciu ciad \_\_\_\_\_

drochycholir ciad \_\_\_\_\_

## Indigestion Tablets

A group of students wanted to find out whether adding an indigestion tablet to acid had any effect on the pH of the solution. Number the sentences to put the method in the correct order.

	Add a few drops of universal indicator to the acid and record its colour.
	Add the crushed tablet to the acid and stir well.
	Measure out 25cm <sup>3</sup> of hydrochloric into a measuring cylinder and pour into a beaker.
	When the indigestion tablet has dissolved, record the pH of the solution.
	Take 1 indigestion tablet and crush it into small pieces.

## Indicators

Complete the table below to show whether the household substance is an acid, alkali or neutral solution.

Household substance	Colour in universal indicator	Acid, alkali or neutral?
bleach	purple	
tomato juice	yellow	
drain cleaner	dark purple	
soap	bottle green	
stomach acid	red	

# Acids and Alkalis Test Yourself 3 Answers

## Anagrams

Below are the names of 3 well known acids. Rearrange the letters to name them.

trinic ciad **nitric acid**

slfruciu ciad **sulfuric acid**

drochycholir ciad **hydrochloric acid**

## Indigestion Tablets

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2	Add a few drops of universal indicator to the acid and record its colour.
4	Add the crushed tablet to the acid and stir well.
1	Measure out 25cm <sup>3</sup> of hydrochloric into a measuring cylinder and pour into a beaker.
5	When the indigestion tablet has dissolved, record the pH of the solution.
3	Take 1 indigestion tablet and crush it into small pieces.

## Indicators

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bleach	purple	alkali
tomato juice	yellow	acid
drain cleaner	dark purple	alkali
soap	bottle green	alkali
stomach acid	red	acid