

Acids and Alkalis Test Yourself 3

Annagrams

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

trinic ciad _____

shulucirp 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 U.I to the acid and record its colour.
	Add the crushed tablet to the acid and stir well
	Measure out 25cm ³ 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

Annagrams

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

trinic ciad **nitric acid**

shulucirp ciad **sulphuric acid**

drochycholir ciad **hydrochloric acid**

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.

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4	Add the crushed tablet to the acid and stir well
1	Measure out 25cm ³ of hydrochloric into a measuring cylinder and pour into a beaker
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drain cleaner	dark purple	alkali
soap	bottle green	alkali
stomach acid	red	acid