

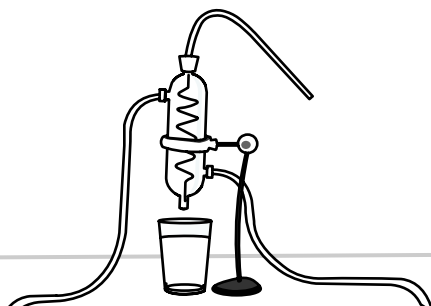


Name: \_\_\_\_\_ Class: \_\_\_\_\_

Fill in the blanks using the words below.

1	acid	colour	9	14	alkali	blue
neutral	green	pH	7	red	strength	

- 1 Universal Indicator changes \_\_\_\_\_ when it is added to a solution depending on its \_\_\_\_\_.
- 2 The pH scale measures the \_\_\_\_\_ of an acidic or alkaline solution.
- 3 The scale goes from \_\_\_\_\_ to \_\_\_\_\_. A strong acid has a pH of 1 and turns Universal Indicator a strong \_\_\_\_\_ colour.
- 4 A weak alkali has a pH of \_\_\_\_\_, and turns Universal Indicator a light \_\_\_\_\_ colour.
- 5 If a solution is not an alkali or acid it is \_\_\_\_\_. Neutral solutions turn Universal Indicator \_\_\_\_\_ and have a pH of \_\_\_\_\_.
- 6 When an \_\_\_\_\_ and an \_\_\_\_\_ are mixed correctly they can neutralise each other and become a neutral solution.



Colour in the pH chart and number the boxes to show whether each one is acid, alkali or neutral. Finally, label the chart by filling in the spaces underneath.

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