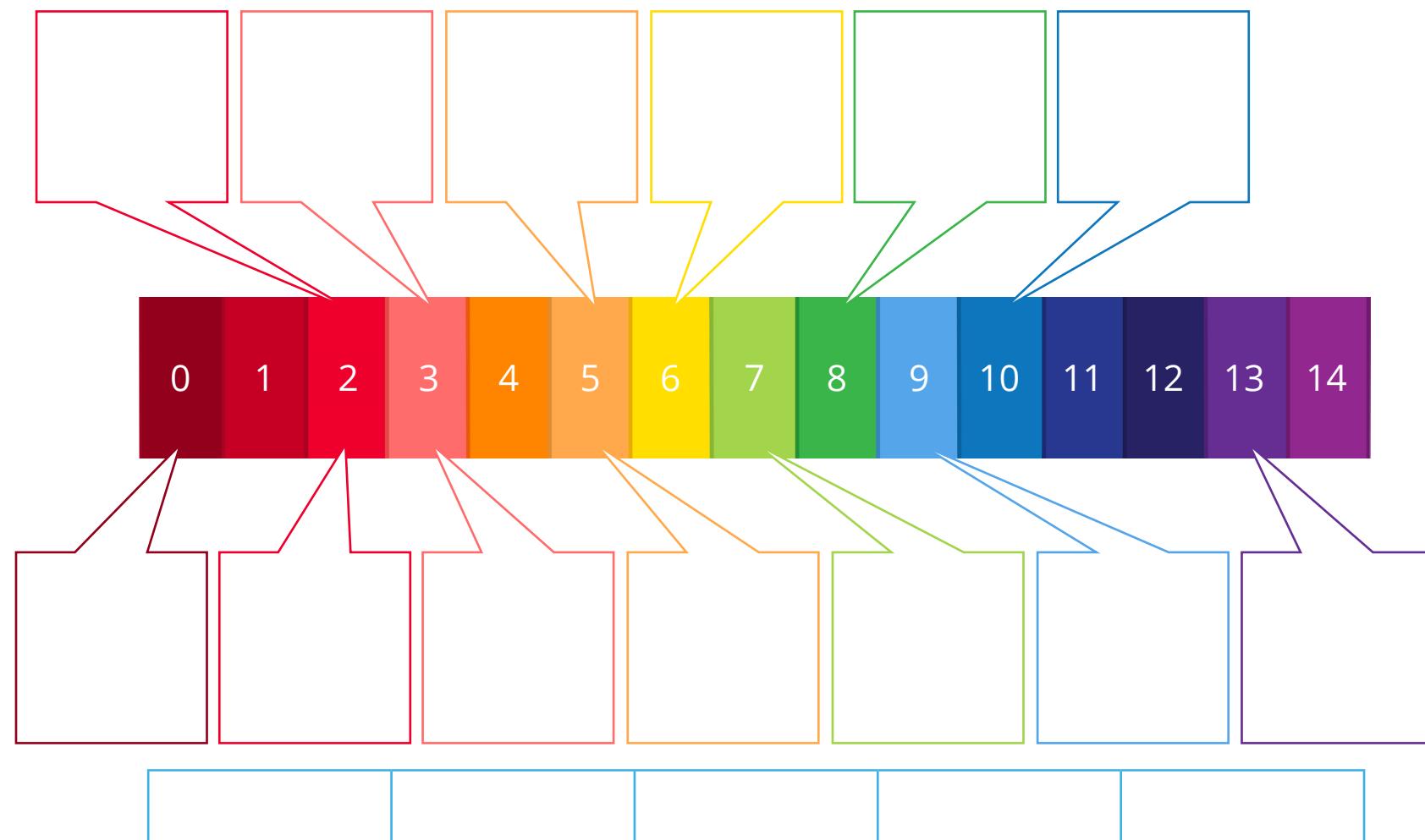


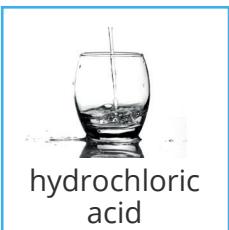
The pH Scale Cut and Stick

Match each of the different substances to the correct position on the pH scale.

Cut out and match the additional labels to complete the diagram.



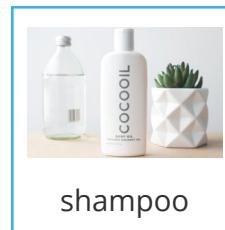
Base or Alkali?: Acids can be **neutralised** by a **base** substance when they react together. Many bases will not dissolve in water (**insoluble**), but those that do dissolve in water (**soluble**) are called an **alkali**.



hydrochloric acid



cola



shampoo

neutral



lemon juice



orange juice

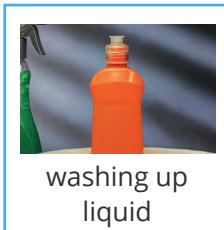


toothpaste

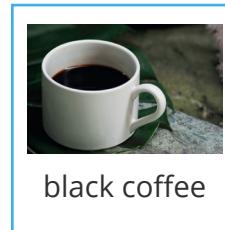
weak alkali



water



washing up liquid



black coffee

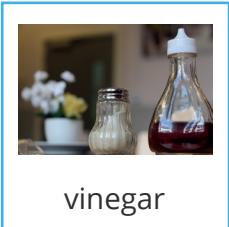
weak acid



milk



baking soda



vinegar



bleach



The pH Scale Cut and Stick Answers

Please note: If you have used this resource to support a practical investigation then some of these answers may vary depending on the brand or type of substances you have used. These answers provide a generalised guide only.

hydrochloric acid – pH 0 [strong acid]

lemon juice – pH 2

vinegar – pH 2

orange juice – pH 3

cola – pH 3

black coffee – pH 5 [weak acid]

shampoo – pH 5

milk – pH 6

water – pH 7 [neutral]

toothpaste – pH 8

baking soda – pH 9 [weak alkali]

washing up liquid – pH 10

bleach – pH 13 [strong alkali]

Please note: If you have used this resource to support a practical investigation then some of these answers may vary depending on the brand or type of substances you have used.

These answers provide a generalised guide only.

