

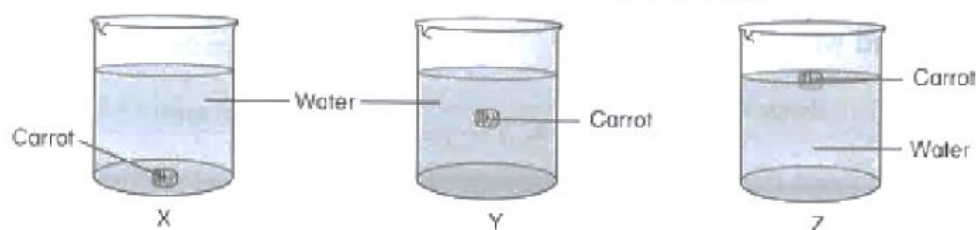
Friday

12/11/2021

Revision: Density

Answer the questions below.

Amar carried out an activity to find out how many spoons of sugar are needed to be dissolved to make the water more dense.



Container	X	Y	Z
Number of spoon of sugar	0	5	10

(a) What is the purpose of carrying out this activity? LS7.1.2

PL3

[1 mark]

(b) What is the comparison that can be made between carrots and water before the sugar is dissolved? LS7.1.2

PL3

[1 mark]

(c) What will happen to the density of water when five spoons of sugar are dissolved in the water? LS7.1.3

PL3

[1 mark]

(d) How many spoons of sugar are needed to be dissolved to make the water more dense than the carrot? LS7.1.3

PL3

[1 mark]

(e) What is the conclusion that can be made after 10 spoons of sugar are dissolved in the water? LS7.1.3

PL4

HOTS Analysing

[1 mark]

Alia carried out an activity related to the objects that sink and float in a basin filled with water.



The table below shows the observation made from this activity.

Float	Sink
Rambutan seed	Durian seed
Mango seed	Cempedak seed

(a) What is the purpose of carrying out this activity? LS7.1.2

PL3

[1 mark]

(b) What is the constant variable in this activity? LS7.1.2

[1 mark]

(c) An object will float or sink in water. Give an inference. LS7.1.1

PL2

[2 marks]

(d) What is the conclusion that can be made about the objects that sink? LS7.1.2

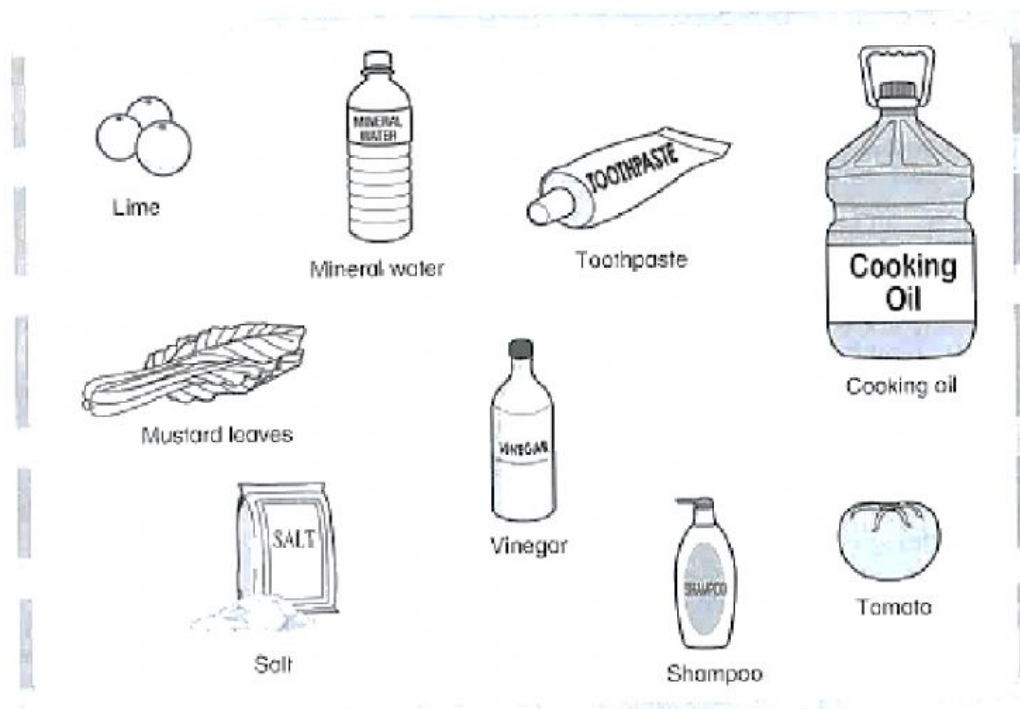
PL3

HOTS Analysing

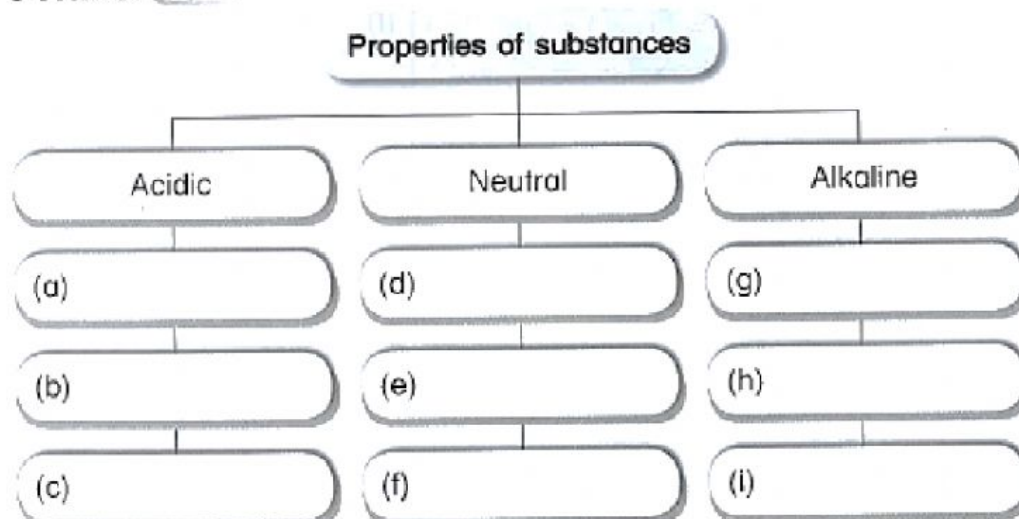
[1 mark]

Revision: Acid and alkali

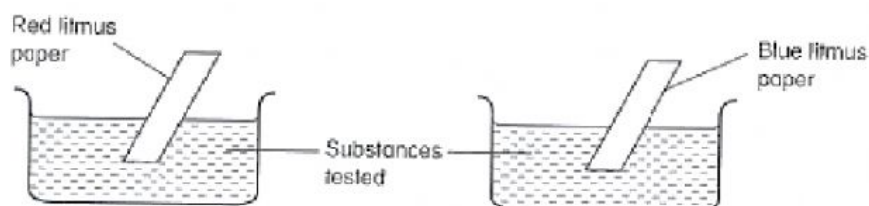
Classify the substances below into the correct properties.



i-THINK Tree Map



Write the colour change of litmus paper based in the properties of substances.



Properties of substances tested	Change of colour on red litmus paper	Change of colour on blue litmus paper
Acidic	(a)	(b)
Alkaline	(c)	(d)
Neutral	(e)	(f)