


Tests Edit Test

 Tests  Groups  Links **Primary 4 - Term 4 Science (ACS)** ✓ Duplicate Print Delete Assign Test**Test Introduction**[+ Add Introduction](#)**65 Questions** (68 Points)Question Bank: 19,950 Questions 

Test Questions

1 Test Assignment

Question 1

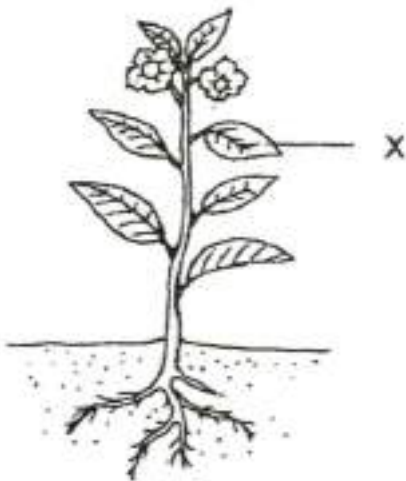
Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Booklet A (28 x 2 marks)

For each question from 1 to 28, four options are given. One of them is the correct answer.

The diagram shows a plant.



Which one of the following is a function of X on the plant?

- ✓ A) makes food
- B) takes in water
- C) holds plant upright
- D) takes in mineral salts

Question Type: Multiple Choice

Randomize Answers: No
 Date Added: Thu 21st Jan 2021
 Last Modified: N/A
 QID#: 25,993,226

Answers | Edit | Duplicate | Used In | Reorder

Remove From Test

Question 2

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Sam made the following observations on the life cycle of an animal.

- There are three stages in the life cycle
- The young looks like the adult

Which animal was Sam observing?

- A) Frog
- B) Beetle
- C) Butterfly
- ✓ D) Chicken

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Thu 21st Jan 2021
 Last Modified: N/A
 QID#: 25,993,252

Answers | Edit | Duplicate | Used In | Reorder

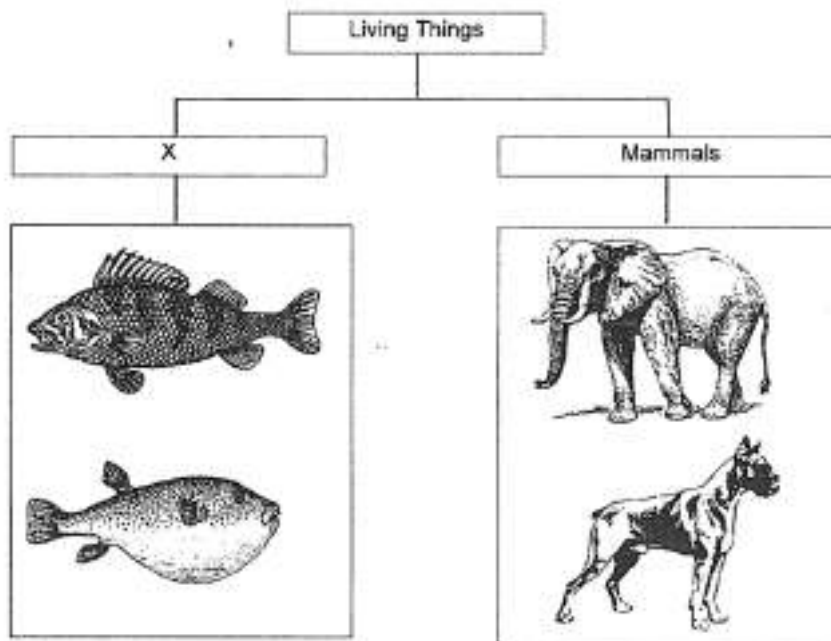
Remove From Test

Question 3

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The table shows how some living things can be grouped. The diagrams are not drawn to scale.



Which one of the following is the most suitable heading for group X?

- ✓ A) Fish
- B) Insects
- C) Bacteria
- D) Reptiles

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,993,261

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

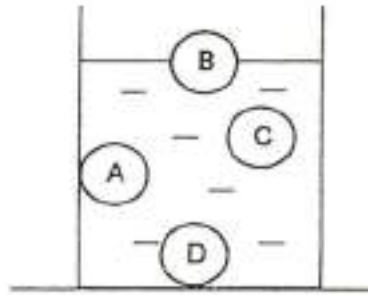
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Question 4

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Elijah placed a solid ball made of metal into a container of water.



At which position, A, B, C or D, would the ball most likely to be found?

- A) A
- B) B
- C) C
- ✓ D) D

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,993,281

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

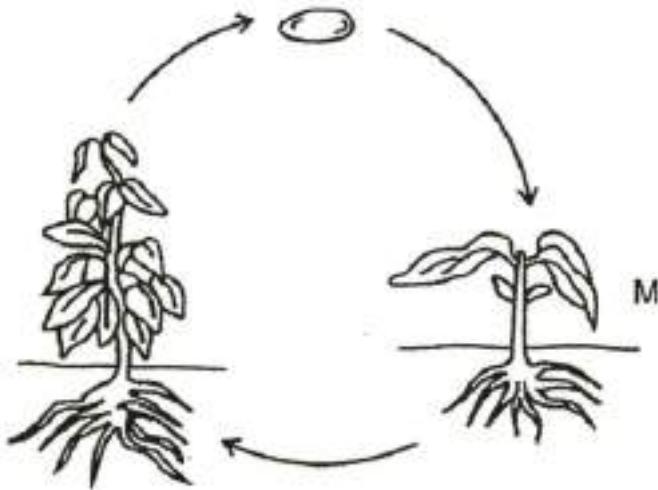
[Remove From Test](#)

Question 5

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The diagram shows the stages in the life cycle of a plant.



What is the stage marked M?

- A) adult
- B) seed
- C) adult plant
- ✓ D) young plant

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,993,290

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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Question 6

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Which one of the following shows the correct order when food moves through some parts of the digestive system?

- A) stomach → large intestine → small intestine
- B) large intestine → stomach → small intestine
- ✓ C) stomach → small intestine → large intestine
- D) small intestine → large intestine → stomach

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,993,350

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 7

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The diagram shows a bottle of paint.



What is the state of the lid and paint?

	Lid	Paint
(1)	Gas	Liquid
(2)	Liquid	Gas
(3)	Gas	Solid
(4)	Solid	Liquid

- A) 1
 B) 2
 C) 3
 ✓ D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,993,360

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

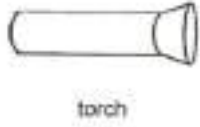
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Question 8

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The set-up shows light shining on a metal container.



torch



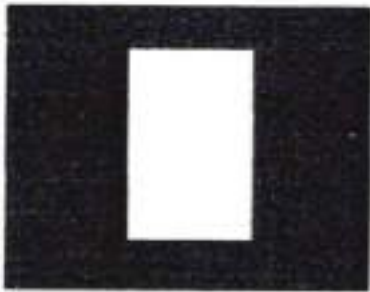
metal container



screen

Which one of the following would likely be seen on the screen?

A)



✓ B)



C)



D)



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,993,424

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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Question 9

Primary 4 Science » Primary 4 Science (Term 4)

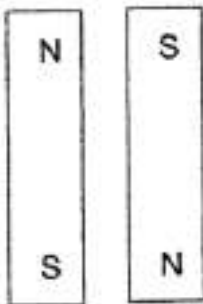
2 pts

In which one of the following set-ups will the two magnets repel each other?

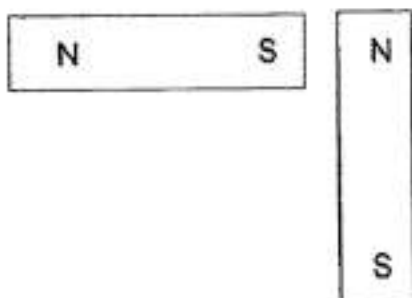
A)



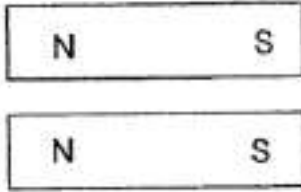
B)



C)



✓ D)



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,993,441

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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Question 10

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Hashim boiled some water in the pot shown.



He is able to hold the pot of boiling water using the plastic handles. This is because plastic is a _____.

- A) light material
- B) flexible material
- ✓ C) poor conductor of heat
- D) good conductor of heat

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,993,447

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

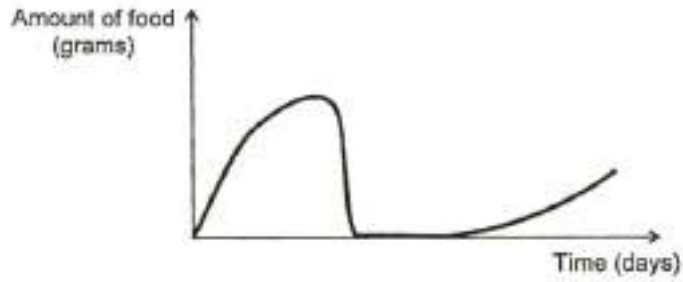
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Question 11

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The graph shows the amount of food eaten by the young of Animal A during the stages of its life cycle after its egg stage.



Animal A **cannot** be a _____.

- A) butterfly
- B) mosquito
- ✓ C) grasshopper
- D) mealworm beetle

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,993,454

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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Question 12

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Which one of the following statements is not true?

- ✓ A) The nose is part of the circulatory system
- B) The skeletal system gives the body its shape
- C) The digestive system helps to break down food into simpler substances
- D) The respiratory system takes in oxygen and removes carbon dioxide from the body

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,993,464

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

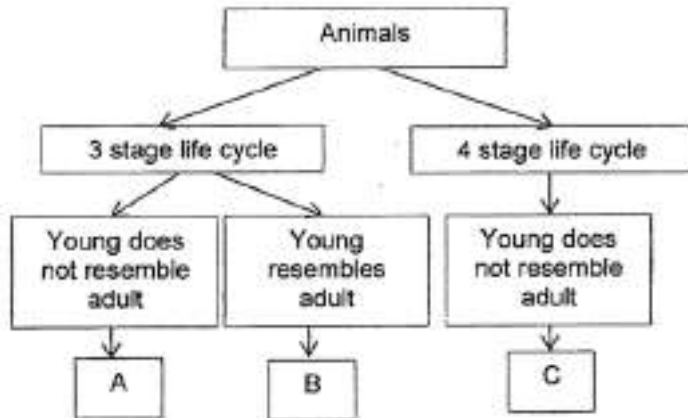
[Remove From Test](#)

Question 13

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Study the flowchart.



Which of the following represents animals A, B and C?

	A	B	C
(1)	grasshopper	frog	butterfly
(2)	butterfly	cockroach	frog
(3)	mosquito	grasshopper	frog
(4)	Frog	cockroach	mosquito

- A) 1
 B) 2
 C) 3
 ✓ D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,993,470

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

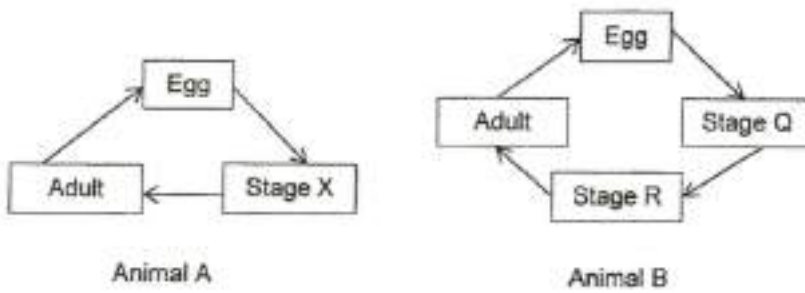
[Remove From Test](#)

Question 14

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Pam observed the life cycles of two animals, A and B.



She made statements based on the information given about the two life cycles. Which of the following statements is true?

- A) The young of both animals live in water
- ✓ B) Both animal A and animal B have an egg stage
- C) Animal A and Animal B have young that resemble their adult
- D) Animal A has a four-stage life cycle while Animal B has a three-stage life cycle

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,993,478

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

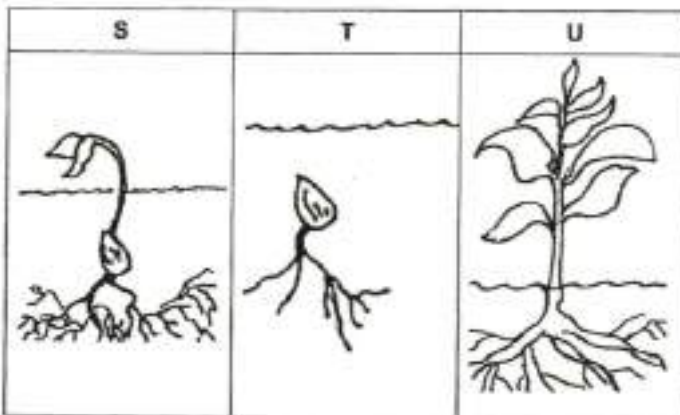
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Question 15

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

S, T, and U show the different stages in the growth of Plant X.



Which of the following shows the correct order of the stages of growth of Plant X?

- A) S, T, U
- B) T, U, S
- ✓ C) T, S, U
- D) U, T, S

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,993,483

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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Question 16

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The table shows the properties of substances X, Y and Z. A tick (✓) indicates that the substance has the property.

Substances	Property		
	Has a definite shape	Has a definite volume	Can be compressed
X	✓	✓	
Y		✓	
Z			✓

Which one of the following best represents substances X, Y and Z?

	X	Y	Z
(1)	Book	Air	Orange Juice
(2)	Orange Juice	Book	Air
(3)	Book	Orange Juice	Air
(4)	Air	Orange juice	Water

- A) 1
 B) 2
 ✓ C) 3
 D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,993,491

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

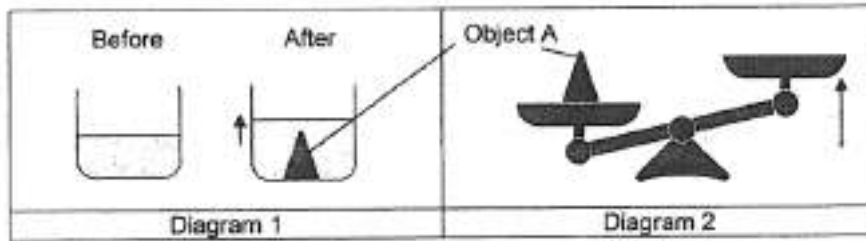
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Question 17

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The diagrams show what happened when James placed Object A in the beaker of water and the balance.



Based on his observations, he made the following conclusions:

- A: Object A has mass.
- B: Object A has volume.
- C: Object A does not have a definite volume.
- D: The mass and volume of Object A is the same.

Based on the above experiment, which of his conclusions is/are true?

- A) A only
- ✓ B) A and B only
- C) B and C only
- D) C and D only

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,993,495

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Question 18

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Which of the following actions shows a change in state?

- A) Building a sandcastle
- B) Erasing part of a drawing
- C) Tearing a piece of tissue paper
- ✓ D) Placing a cup of water into a freezer for an hour

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,993,504

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

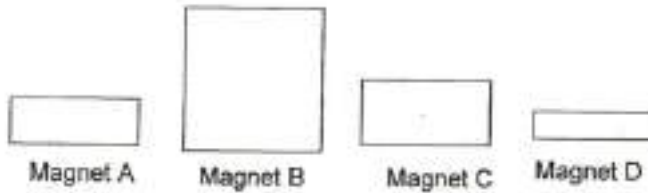
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Question 19

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Peter had four magnets A, B, C and D as shown.



He conducted an experiment to compare the strength of the magnets. He brought each magnet near a box of paper clips and recorded the number of paper clips attracted by each magnet as shown in the table.

Magnet	Distance between the magnet and the paper clips (cm)	Number of paper clips attracted
A	5	12
B	5	8
C	5	7
D	5	14

Based on Peter's experiment, which of the following is correct?

- A) The strength of the magnet is dependent on its shape
- ✓ B) The strength of the magnet is not dependent on its size
- C) The bigger the magnet, the weaker its magnetic strength
- D) The smaller the magnet, the stronger its magnetic strength

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Thu 21st Jan 2021
 Last Modified: N/A
 QID#: 25,993,522

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

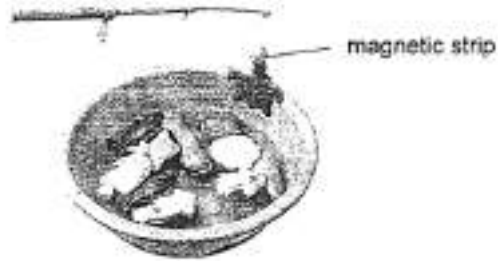
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Question 20

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Danny created a toy. During the game, the fishing rod that contains a magnetic strip interacts with the 3 different toys, fish, squid and jellyfish made of different materials.



The table shows what happens to the toys when the fishing rod is brought closer to them.

Toys	Reaction to fishing rod
Fish	Attracted
Squid	Attracted
Jellyfish	No interaction

Which of the following options shows the most likely materials the toys are made of?

	Fish	Squid	Jellyfish
(1)	Glass	Iron	Aluminum
(2)	Iron	Glass	Steel
(3)	Iron	Steel	Aluminium
(4)	Aluminium	Plastic	Iron

- A) 1
 B) 2
 ✓ C) 3
 D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,993,527

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

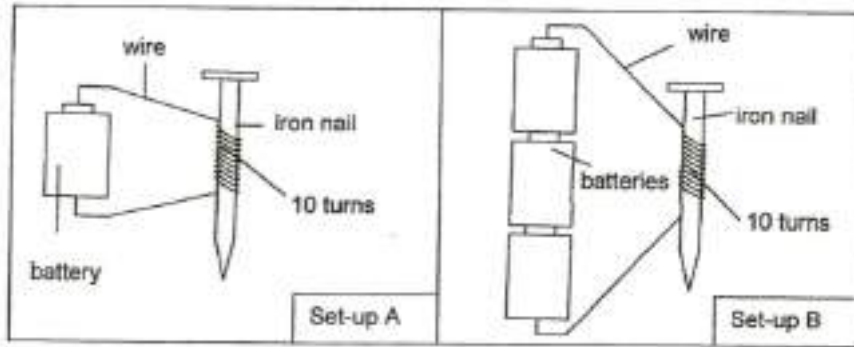
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Question 21

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Xiaoli sets up the following experiment as shown. She then placed some iron pins near these electromagnets.



She noticed that the electromagnet in Set-up B attracted more pins than the electromagnet in set-up A. The aim of Xiaoli's experiment is to find out if the

- A) size of the electromagnet affects its strength
- ✓ B) number of batteries used affect the strength of the electromagnet
- C) arrangement of the wires affect the strength of the electromagnet
- D) number of coils of wire around the iron nail affects the strength of the electromagnet

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,993,543

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 22

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Which of the following is not a light source?

- A) Fire
- B) Star
- C) Sun
- ✓ D) Moon

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,993,548

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

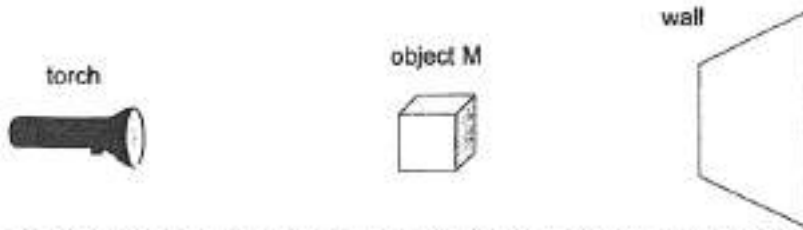
[Remove From Test](#)

Question 23


Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Danny carried out an experiment to find out how the distance between object M and the torch affects the height of the shadow formed on the wall.



Danny recorded the results of his experiment in the table. He accidentally spilled some Milo onto his results sheet and it covered part of his result.

Distance between object M and torch (cm)	Distance between wall and torch (cm)	Height of shadow on the wall (cm)
4	15	16
7	15	13
10	15	
13	15	7

Which of the following conclusions can Danny make based on the results?

- A) The nearer object M is to the wall, the taller the shadow
- ✓ B) The nearer object M is to the torch, the taller the shadow
- C) The nearer object M is to the torch, the shorter the shadow
- D) The distance between object M and the torch does not affect the height of the shadow

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: Thu 21st Jan 2021
QID#: 25,993,569

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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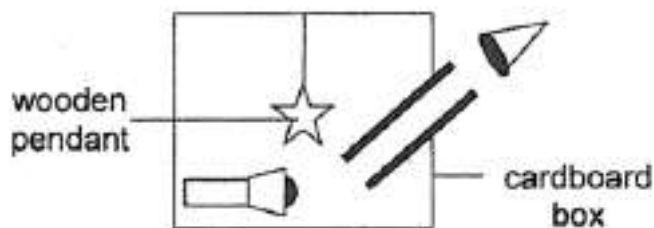
Question 24

Primary 4 Science » Primary 4 Science (Term 4)

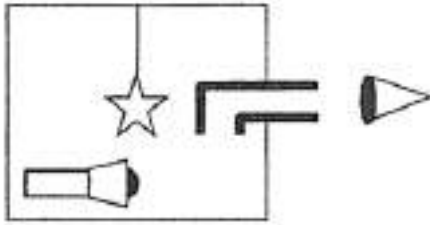
2 pts

A wooden pendant was hung in a cardboard box. Sandy used black coloured plastic tubes of different shapes to look into the box. Which one of the following black coloured plastic tubes will enable her to see the wooden pendant.x

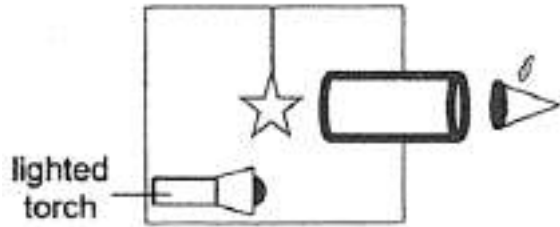
A)



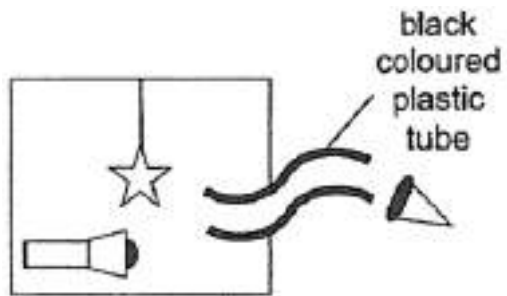
B)



✓ C)



D)



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: Thu 21st Jan 2021
QID#: 25,993,603

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

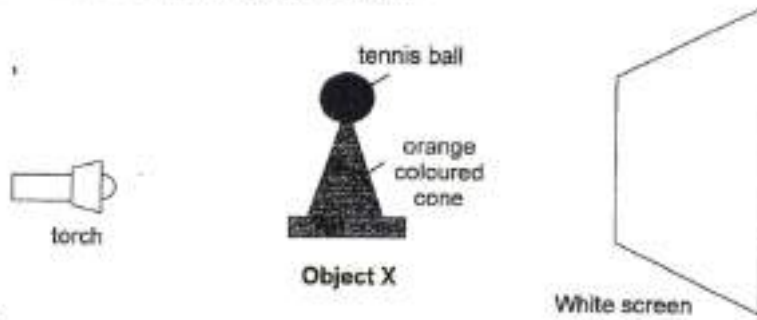
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Question 25

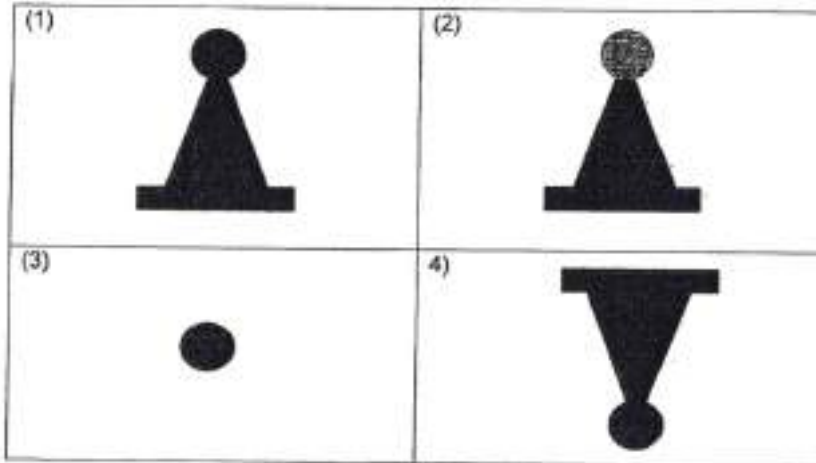
Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Joleen shines a torch on Object X as shown.



Which of the following shows the correct shadow of object X on the white screen?



- ✓ A) 1
B) 2
C) 3
D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: Thu 21st Jan 2021
QID#: 25,993,612

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 26

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Which of the following statements are true about how heat travels?

- A Heat travels from solid to liquid only
B Heat can change the state of matter
C Heat travels from a hotter place to a colder place
D Heat travels from a colder place to a hotter place

- A) A and B only
✓ B) B and C only
C) C and D only
D) A, B, C and D

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: Thu 21st Jan 2021
QID#: 25,993,657

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

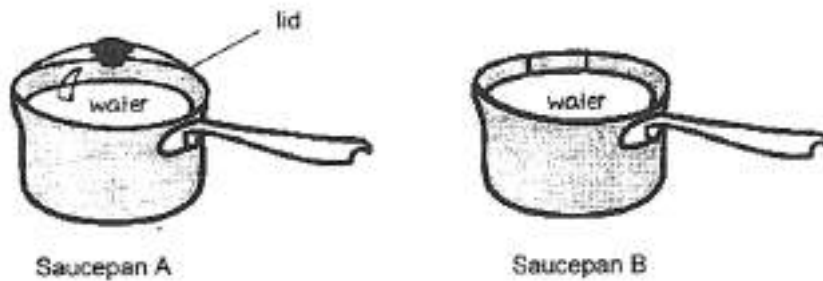
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Question 27

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Mdm Feezah conducted an experiment to find out if water can boil faster in a saucepan with a closed lid. She filled two identical saucepans with 1 litre of water and heated them using a similar flame. She observed that the water in saucepan A boiled faster than that in saucepan B.



Which of the following explains her observation?

- A) The heat from the surrounding air enters saucepan B causing the water to boil faster
- B) The heat in saucepan A escaped through the bottom of the saucepan causing it to boil faster
- C) The heat in saucepan B traveled only to the bottom of the saucepan, causing the water to boil slower
- ✓ D) The heat in saucepan A was trapped inside the pot due to the lid and caused the water to boil faster

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: Thu 21st Jan 2021
QID#: 25,993,673

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

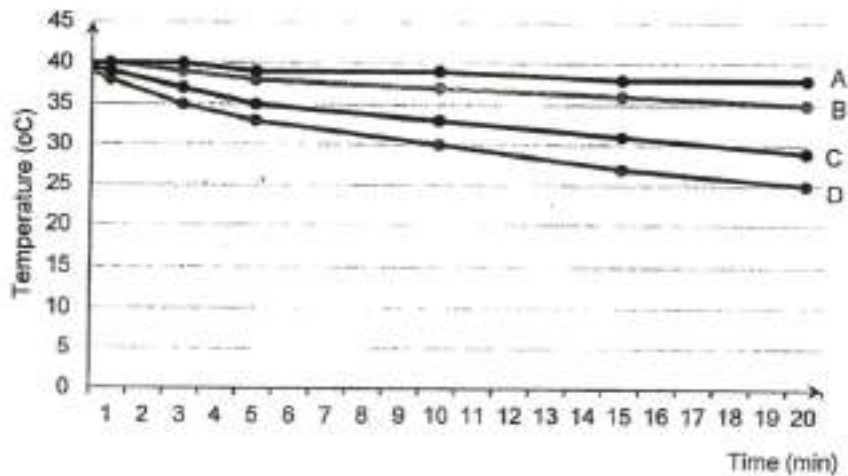
[Remove From Test](#)

Question 28

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Zachary set up an experiment to find out which material is most suitable to keep Milo warm for the longest period of time. He poured equal volume of Milo at 40°C into four identical sized cups made of different materials. He recorded the change in temperature of Milo for 20 minutes in the graph as shown.



Which material A, B, C, or D is most suitable for Zachary to keep Milo warm for the longest period of time?

- ✓ A) A
 B) B
 C) C
 D) D

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Thu 21st Jan 2021
 Last Modified: N/A
 QID#: 25,993,714

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 29

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Booklet B

This section is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

Grading: This question type is not graded on this system and will not affect the final score as it was designed in such a way that it requires manual assistance.

The diagram shows a car.



- (a) Part X is made of glass because it allows _____ to pass through so that the driver can see the road. [1]

Accepted answers:

✓ light

Question Type: Free Text
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,230

[Answers](#) |
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[Remove From Test](#)

Question 30

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Part Y is made of ____ because Part Y has to be strong.

Accepted answers:

✓ metal

Question Type: Free Text
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,235

[Answers](#) |
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 [Reorder](#)

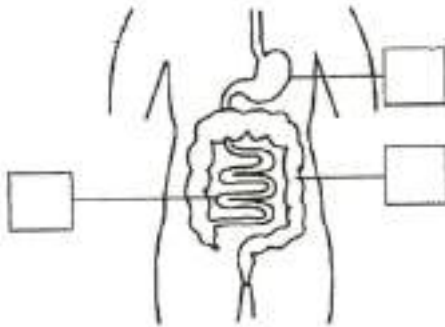
[Remove From Test](#)

Question 31

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

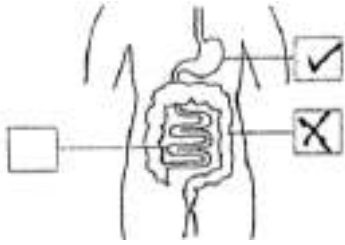
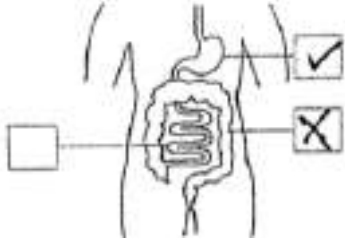
The diagram shows parts of the human digestive system.



- (a) Place a tick (✓) in the box that shows where the stomach is. [1]
- (b) Place a cross (X) in the box where there is no digestion. [1]

Question Type: Essay
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,251

Correctly answered feedback

**Incorrectly answered feedback**

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 32

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Food from the stomach is next passed on to the ____

- A) large intestine
- ✓ B) small intestine
- C) mouth

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,264

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

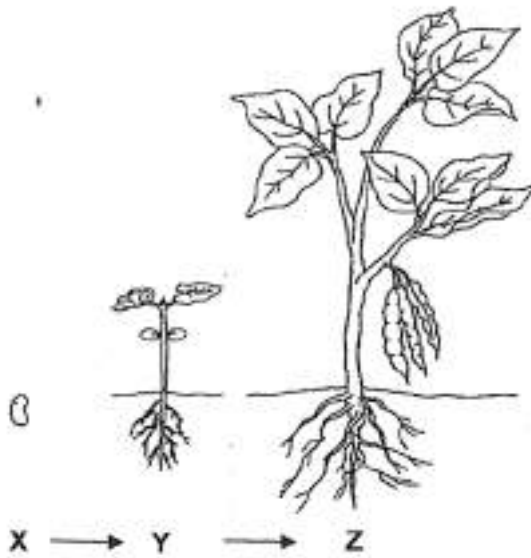
[Remove From Test](#)

Question 33

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

The diagram shows the growth of Plant J.



(a) Choose the correct word from the box to answer the questions.

Name _____

stages X and Z in the growth of Plant J.

X: _____

- A) egg
- ✓ B) seed
- C) young plant
- D) adult plant

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,281

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 34

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Z: _____

- A) egg
- B) seed
- C) young plant
- ✓ D) adult plant

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,288

Question 35

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

At which stage, X or Y, can Plant J makes its own food?

- A) X
 B) Y

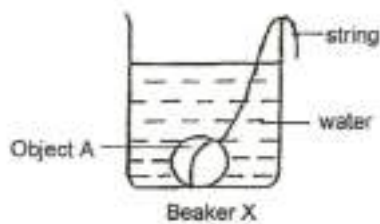
Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,294

Question 36

Primary 4 Science » Primary 4 Science (Term 4)

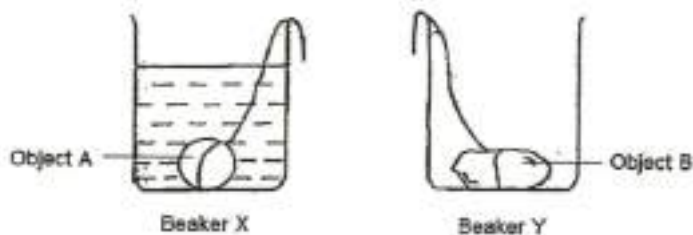
0 pts

Larry set up an experiment to find out which object, A or B, has a greater volume. He filled beaker X with some water. He then lowered Object A into Beaker X and observed the water level in the beaker.



Larry repeated the experiment with the same amount of water with Object B and lowered it into Beaker Y and observed the water level in the beaker. He then concluded that Object B has a greater volume than Object A.

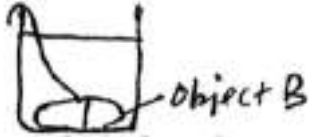
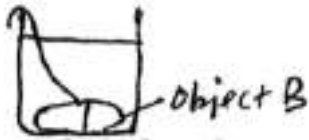
- (a) Using a ruler, draw the water level in Beaker Y after Object B had been lowered into it. [1]



Please type "done" to proceed to the next question

Question Type: Essay
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,307

Correctly answered feedback

**Incorrectly answered feedback**

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 37

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

The water level in both beakers increased when the objects were lowered into them. Using the property matter, explain clearly why the water level increased.

Question Type: Essay
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,323

Correctly answered feedback

Both objects are solid that have definite volume and occupies space, since water does not have definite shape, the water level increase.

Incorrectly answered feedback

Both objects are solid that have definite volume and occupies space, since water does not have definite shape, the water level increase.

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 38

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

The diagram shows two objects, A and B of the same volume and made of glass, placed on each side of a balance.



(a) Based on your observation, state a similarity between objects A and B.

[1]

Question Type: Essay
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,333

Correctly answered feedback

They both have the same mass.

Incorrectly answered feedback

They both have the same mass.

[Answers](#) |
 [Edit](#) |
 [Duplicate](#) |
 [Used In](#) |
 [Reorder](#)

[Remove From Test](#)

Question 39

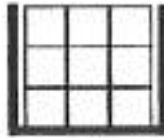
Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Ray filled two identical containers to the brim, with objects A and B, as shown. He placed 6 pieces of object A in container M and 9 pieces of object B in container N.



Container M



Container N

(b) Which container, M or N, could he fill with more liquid? Explain your answer. [2]

Question Type: Essay

Date Added: Thu 21st Jan 2021

Last Modified: N/A

QID#: 25,994,409

Correctly answered feedback

M. There are more air spaces and water can take up the space occupied by air in the container

Incorrectly answered feedback

M. There are more air spaces and water can take up the space occupied by air in the container

[Answers](#) |
 [Edit](#) |
 [Duplicate](#) |
 [Used In](#) |
 [Reorder](#)

[Remove From Test](#)

Question 40

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Ray then breaks each object in container M into smaller pieces. Would the amount of liquid used to fill container M, with all the broken pieces of object A increase, decrease or remain the same? Give a reason for your answer.

Question Type: Essay

Date Added: Thu 21st Jan 2021

Last Modified: N/A

QID#: 25,994,422

Correctly answered feedback

Remain the same, the object has a definite volume

Incorrectly answered feedback

Remain the same, the object has a definite volume

[Answers](#) |
 [Edit](#) |
 [Duplicate](#) |
 [Used In](#) |
 [Reorder](#)

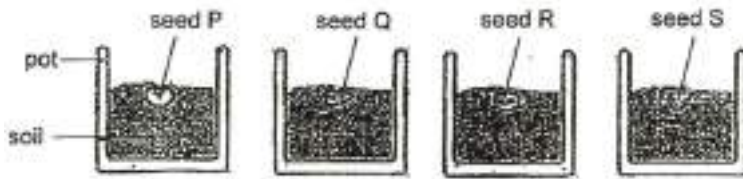
[Remove From Test](#)

Question 41

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

- Danny carried out an experiment where he placed seeds into four identical pots as shown in the diagram.



- (a) State all the conditions necessary for the seeds to germinate?

Question Type: Essay
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,432

Correctly answered feedback

Air, water and warmth

Incorrectly answered feedback

Air, water and warmth

[Answers](#) |
 [Edit](#) |
 [Duplicate](#) |
 [Used In](#) |
 [Reorder](#)

[Remove From Test](#)

Question 42

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Danny measured the height of the seedlings over five days and recorded his observations in the table.

Seed	Height of seedling (cm)				
	Day 1	Day 2	Day 3	Day 4	Day 5
P	0	1	3	5	7
Q	0	2	3	4	5
R	0	3	5	9	11
S	0	2	4	8	12

- (b) Which seed, P, Q, R or S grew the fastest?

- A) P
 B) Q
 C) R
 D) S

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A

QID#: 25,994,439

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)

Question 43

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Place a tick in the box next to the variables that should be kept the same in order for the experiment to be a fair one.

- A) Number of seeds
- B) Amount of soil
- C) Amount of water
- D) Type of seeds
- E) Type of soil

Question Type: Multiple Response
Randomize Answers: No
Grade style: Full points if all answers are correct
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,456

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)

Question 44

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

What was the aim of Danny's experiment?

Question Type: Essay
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,463

Correctly answered feedback

To find out which seed grows the fastest.

Incorrectly answered feedback

To find out which seed grows the fastest.

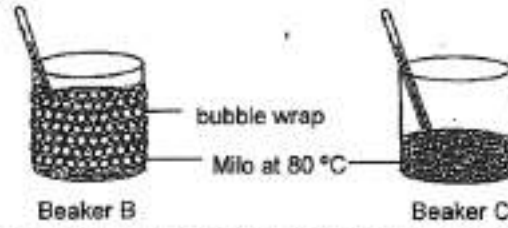
[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)

Question 45

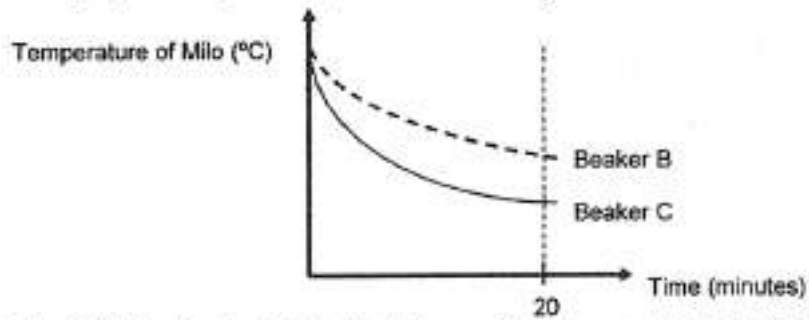
Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Rueben conducted an experiment with two identical beakers, B and C. He wrapped beaker B with bubble wrap, a plastic sheet with air pockets. He then poured hot Milo at 80°C into each beaker.



He measured the temperature of the Milo in each beaker for 20 minutes, and drew a line graph of changes in temperature.



- (a) Which beaker, B or C, kept the Milo warm for a longer period of time? Explain your answer, based on the graph.

Question Type: Essay
 Date Added: Thu 21st Jan 2021
 Last Modified: N/A
 QID#: 25,994,473

Correctly answered feedback

B. The temperature of Milo in beaker B is higher than beaker C after 20 minutes.

Incorrectly answered feedback

B. The temperature of Milo in beaker B is higher than beaker C after 20 minutes.

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 46

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

State another variable that he has to keep constant to ensure a fair test.

Question Type: Essay
 Date Added: Thu 21st Jan 2021
 Last Modified: N/A
 QID#: 25,994,483

Correctly answered feedback

The amount of milo

Incorrectly answered feedback

The amount of milo

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

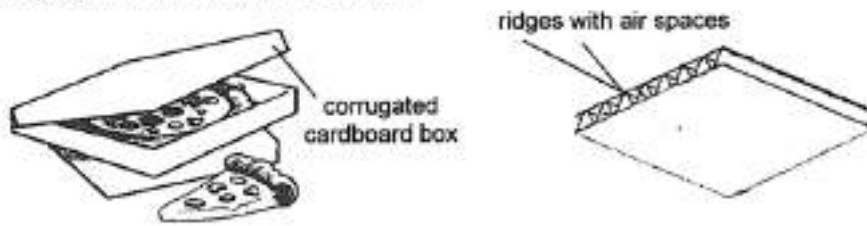
[Remove From Test](#)

Question 47

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Pizzas are usually delivered in corrugated cardboard boxes which have ridges with air spaces in between them, as shown.



(c) Explain why these boxes can keep pizzas warm for a longer period of time.

Question Type: Essay
 Date Added: Thu 21st Jan 2021
 Last Modified: N/A
 QID#: 25,994,488

Correctly answered feedback

Air is a poor conductor of heat so the pizzas lose heat slower to the surrounding.

Incorrectly answered feedback

Air is a poor conductor of heat so the pizzas lose heat slower to the surrounding.

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

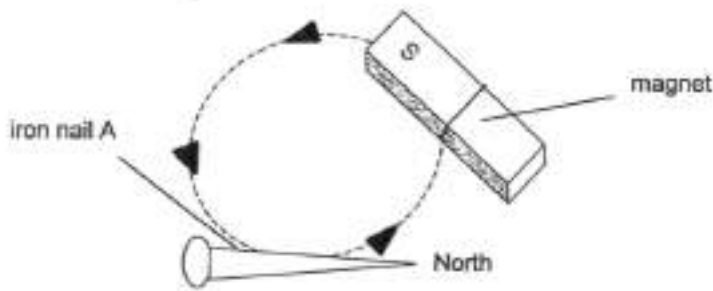
[Remove From Test](#)

Question 48

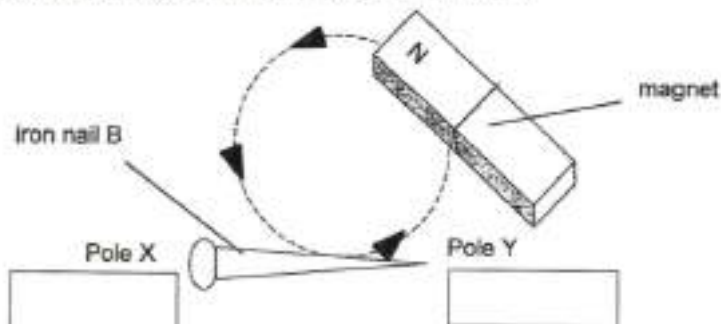
Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Harry used the stroke method to magnetize iron nail A as shown. The tip of the nail became the north pole of the temporary magnet.



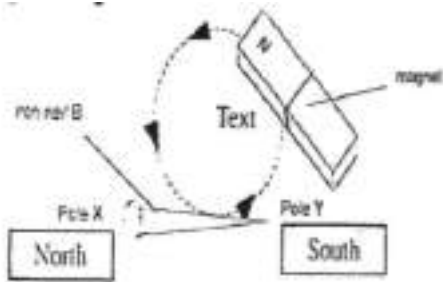
Harry then used the stroke method to magnetize iron nail B.



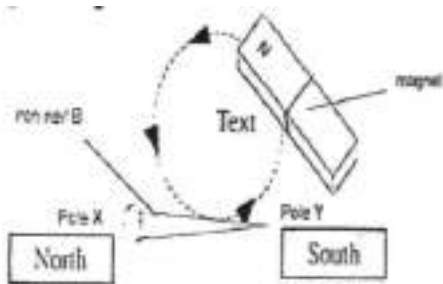
(a) Write 'North' or 'South' in the boxes to indicate the poles at X and Y.

Question Type: Essay
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,498

Correctly answered feedback



Incorrectly answered feedback



[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 49

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Harry wanted to carry out an experiment. He stroked the magnet along iron nail B different number of times and placed it into a box of paper clips and recorded the number of paper clips it attracted in the table.

Number of strokes	Number of paper clips attracted
30	20
10	8
5	2

(b) What was the aim of his experiment?

Question Type: Essay
Date Added: Thu 21st Jan 2021
Last Modified: Thu 21st Jan 2021
QID#: 25,994,503

Correctly answered feedback

To find out if the number of strokes affect the number of paper clips attracted.

Incorrectly answered feedback

To find out if the number of strokes affect the number of paper clips attracted.

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 50

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

State two ways the above temporary magnet can be demagnetised.

Question Type: Essay
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,521

Correctly answered feedback

Drop the magnet repeatedly or put it under a flame.

Incorrectly answered feedback

Drop the magnet repeatedly or put it under a flame.

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

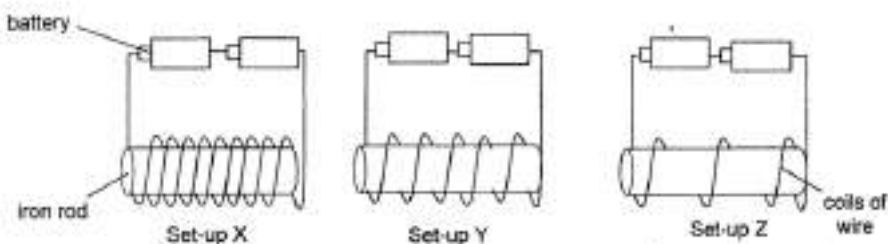
[Remove From Test](#)

Question 51

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Amanda wanted to find out how the number of coils of wire around the iron rod affects the magnetic strength of an electromagnet.



She brought electromagnet X, Y and Z near a box of paper clips and recorded the number of paper clips attracted by each electromagnet in the table.

Set-up	Number of paper clips attracted
X	10
Y	7
Z	4

(a) What is the relationship between the number of coils of wire around the iron rod and the strength of the electromagnet? [1]

Question Type: Essay
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,530

Correctly answered feedback

The more coils around the electromagnet the more the strength the electromagnet will have.

Incorrectly answered feedback

The more coils around the electromagnet the more the strength the electromagnet will have.

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)

Question 52

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Predict the number of paper clips that will be attracted to electromagnet X when the batteries are removed? Explain your answer.

Question Type: Essay
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,540

Correctly answered feedback

0, The iron nail will be demagnetised and loses it magnetism.

Incorrectly answered feedback

0, The iron nail will be demagnetised and loses it magnetism.

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)

Question 53

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Give a reason why no paper clips were attracted when a gold rod was used in set-up X.

Question Type: Essay
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,543

Correctly answered feedback

Gold is not a magnetic material

Incorrectly answered feedback

Gold is not a magnetic material

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)

Question 54

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Suggest another way to decrease the strength of the electromagnet

Question Type: Essay
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,546

Correctly answered feedback

Reduce the number of batteries used

Incorrectly answered feedback

Reduce the number of batteries used

[Answers](#) |
 [Edit](#) |
 [Duplicate](#) |
 [Used In](#) |
 [Reorder](#)

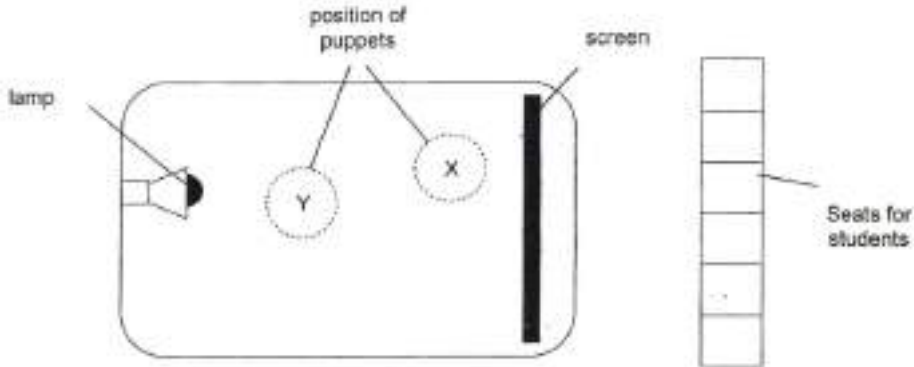
[Remove From Test](#)

Question 55

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

1. (a) The diagram shows the layout of the stage for a shadow puppet show.



During the show two puppets of identical shape and size were used. The students at the puppet show saw the two shadows on the screen as shown.



(a) In order to form the above shadows, at which positions, X and Y, were the puppets? [1]

Puppet A – _____

- A) X
 ✓ B) Y

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,554

[Answers](#) |
 [Edit](#) |
 [Duplicate](#) |
 [Used In](#) |
 [Reorder](#)

[Remove From Test](#)

Question 56

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Puppet B: _____

- ✓ A) X
 B) Y

Question Type: Multiple Choice

Randomize Answers: No
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,557

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 57

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Give a reason for your answer in (a).

Question Type: Essay
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,560

Correctly answered feedback

The closer the puppet is to the lamp the bigger the shadow.

Incorrectly answered feedback

The closer the puppet is to the lamp the bigger the shadow.

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 58

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

What is the property of the material of the screen that enables shadow to be formed on it?

Question Type: Essay
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,566

Correctly answered feedback

The material is a translucent object and allows light to pass through it.

Incorrectly answered feedback

The material is a translucent object and allows light to pass through it.

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

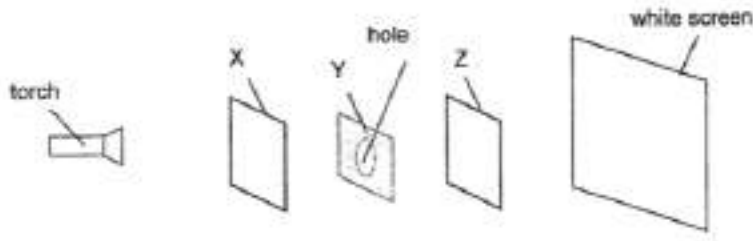
[Remove From Test](#)

Question 59

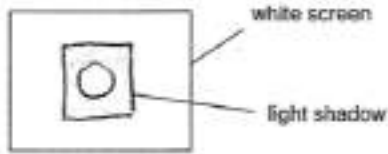
Primary 4 Science » Primary 4 Science (Term 4)

0 pts

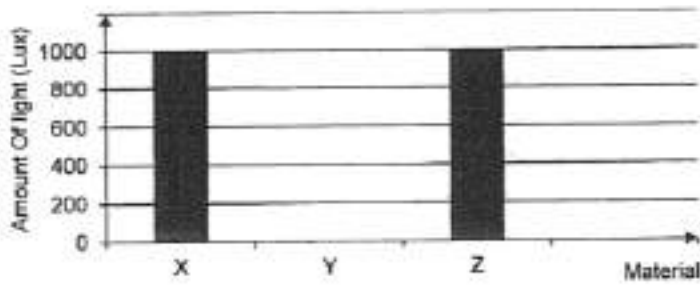
Rahul carried out an experiment in a completely dark room to find out the shadow formed by three objects, X, Y and Z as shown. Object Y has a hole in the middle.



When the torch was switched on, the shadow shown below, was formed on the white screen.



Rahul used a data-logger to measure the amount of light passing through the three different materials, X, Y and Z and recorded the results in the graph.



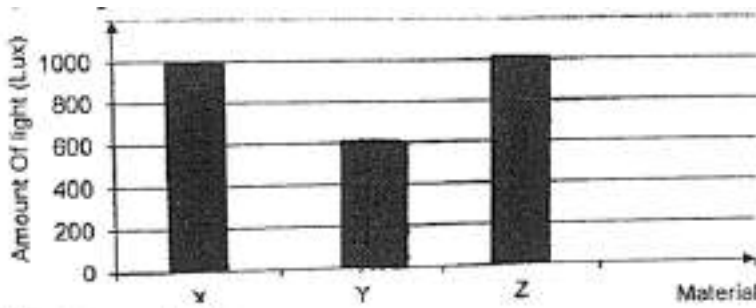
(a) Draw the bar graph for Material Y to show the amount of light that can most likely pass through it.

Please type

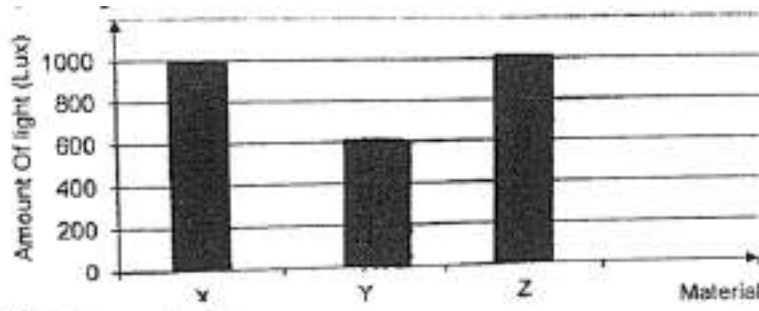
"done" to proceed to the next question

Question Type: Essay
 Date Added: Thu 21st Jan 2021
 Last Modified: N/A
 QID#: 25,994,575

Correctly answered feedback



Incorrectly answered feedback



[Answers](#) |
 [Edit](#) |
 [Duplicate](#) |
 [Used In](#) |
 [Reorder](#)

[Remove From Test](#)

Question 60

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

What is the property of Material X and Y?

Material X: _____

Accepted answers:

✓ Transparent

Question Type: Free Text
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,578

[Answers](#) |
 [Edit](#) |
 [Duplicate](#) |
 [Used In](#) |
 [Reorder](#)

[Remove From Test](#)

Question 61

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Material Y: _____

Accepted answers:

✓ translucent

Question Type: Free Text
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,582

[Answers](#) |
 [Edit](#) |
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 [Used In](#) |
 [Reorder](#)

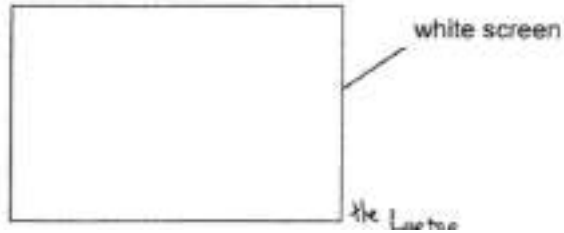
[Remove From Test](#)

Question 62

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Rahul replaced object Z with a laptop of the same size. Draw the new shadow that will form on the white screen below.



Please type "done" to proceed to the next question

Question Type: Essay
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,586

Correctly answered feedback



Incorrectly answered feedback



[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 63

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

What is the property of light that allows the shadow of the laptop to be formed on the screen?

Question Type: Essay
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,604

Correctly answered feedback

light travel in the straight line.

Incorrectly answered feedback

light travel in the straight line.

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

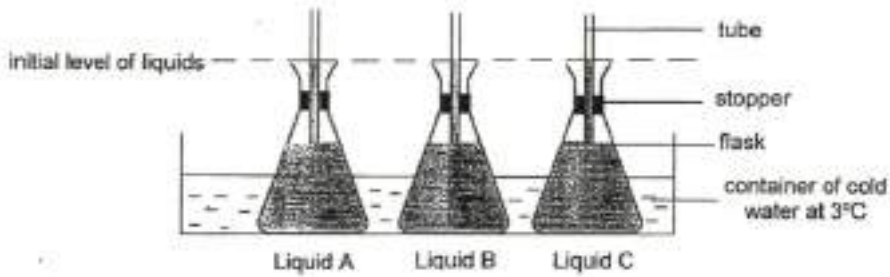
[Remove From Test](#)

Question 64

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Jean set-up the experiment shown with equal volume of each liquid, A, B and C, and identical stoppers.



- (a) After 10 minutes, Jean noticed that the level of liquid B in the flask decreased more than liquids A and C. Explain why. [2]

Question Type: Essay
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,591

Correctly answered feedback

B is the best conductor of heat. It lost heat to the cold water the fastest and contracted the most.

Incorrectly answered feedback

B is the best conductor of heat. It lost heat to the cold water the fastest and contracted the most.

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Question 65

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Predict what will happen to the temperature of the liquid in each flask after 5 hours. Explain your answer.

Question Type: Essay
Date Added: Thu 21st Jan 2021
Last Modified: N/A
QID#: 25,994,595

Correctly answered feedback

The temperature of the liquids will increase because they gained heat from the surrounding air until it reach room temperature

Incorrectly answered feedback

The temperature of the liquids will increase because they gained heat from the surrounding air until it reach room temperature

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