

Tests Edit Test







Tests Groups Link











# **Test Introduction**

+ Add Introduction

### **64 Questions**

(79 Points)

Question Bank: 19,950 Questions @

Test Questions

1 Test Assignment

# **Question 1**

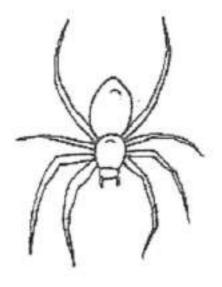
Primary 4 Science » Primary 4 Science (Term 4)

2 pts

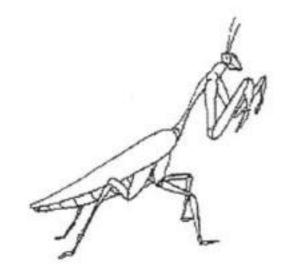
For each question, choose the most suitable answer. (56 marks)

Which one of the animals shown below is NOT an insect?

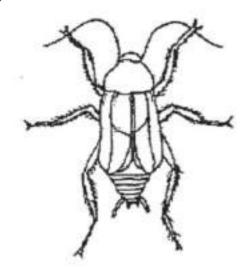
✓ A)



B)



C)



D)

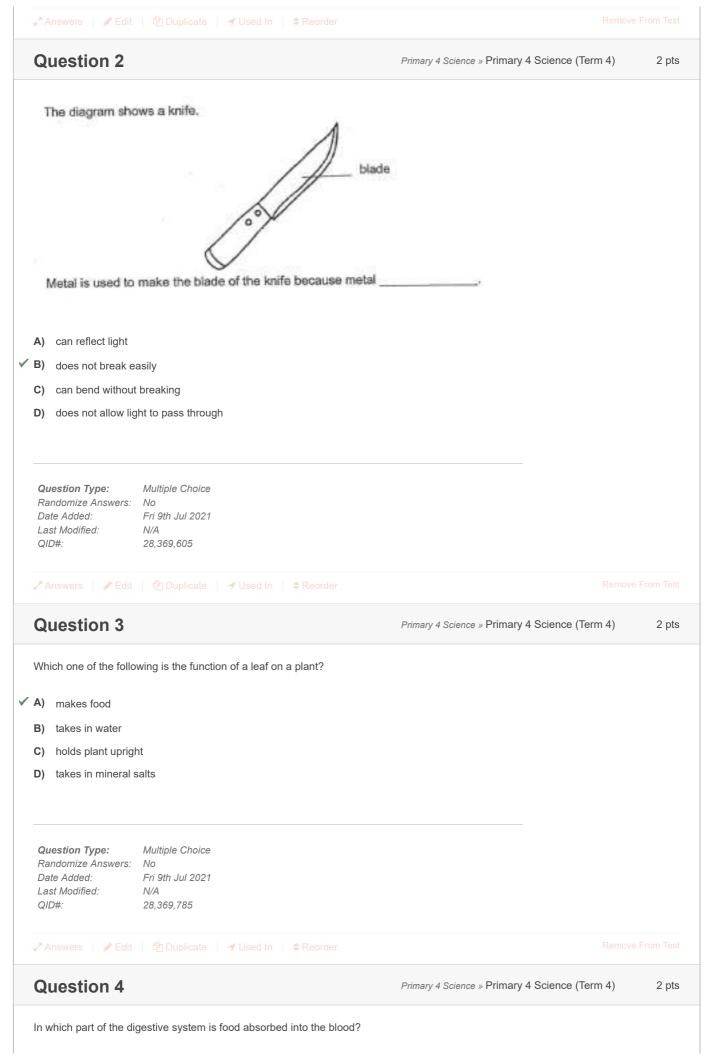


Question Type: Multiple Choice

Randomize Answers: No

Date Added: Fri 9th Jul 2021

Last Modified: N/A
QID#: 28,369,599



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

Multiple Choice Question Type:

Randomize Answers: No

Date Added: Fri 9th Jul 2021

Last Modified: N/A QID#: 28,369,802

✓ Answers | ✓ Edit | 🗗 Duplicate | 🗸 Used In | 💠 Reorder

# **Question 5**

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

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

- There are four stages in the life cycle.
- · The young does not look like the adult.

Which animal was Jonathan observing?

- A) dog
- chicken
- ✓ C) butterfly
  - D) cockroach

Question Type: Multiple Choice

Randomize Answers: No

Fri 9th Jul 2021 Date Added:

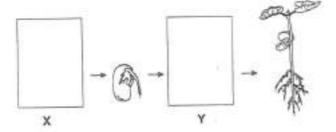
Last Modified: N/A QID#: 28,369,812

# **Question 6**

Primary 4 Science » Primary 4 Science (Term 4)

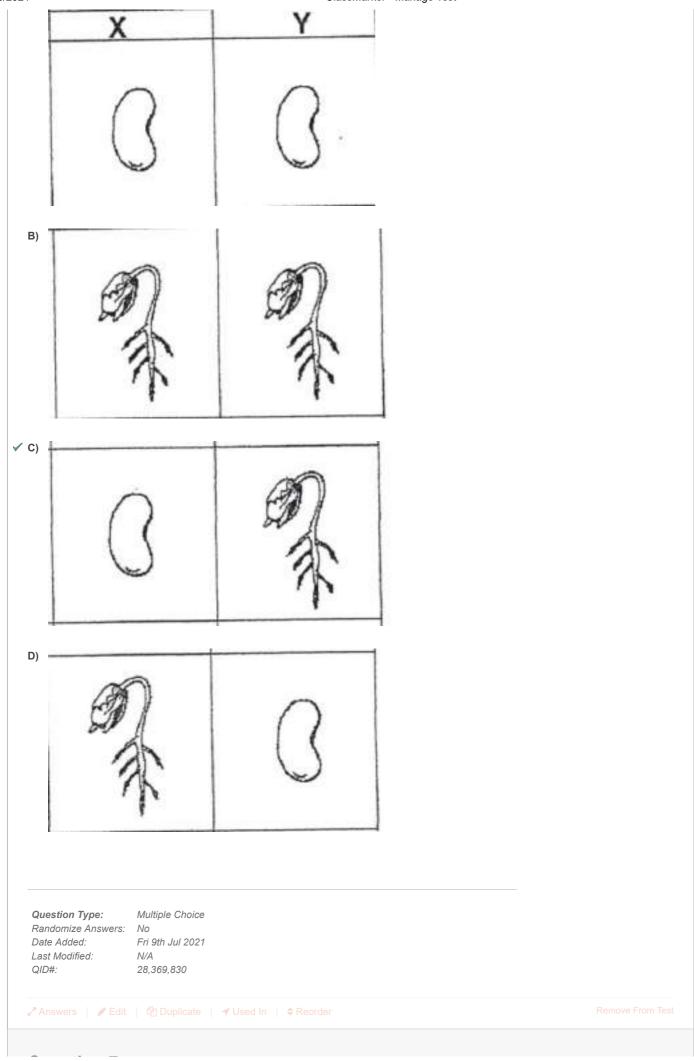
2 pts

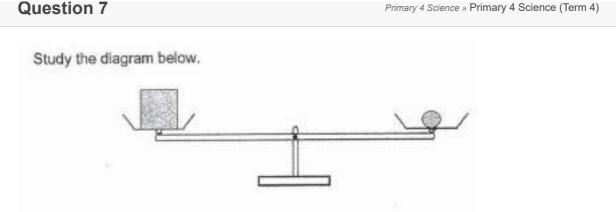
The diagram below shows the growth of a young plant with two missing stages X and Y.



Which one of the following shows the correct stages for X and Y?

A)





# Which of the following statements is true?

- A) Both objects have the same size.
- ✓ B) Both objects have the same mass.
  - C) Both objects have the same shape.
  - D) Both objects have the same volume.

Question Type: Multiple Choice

Randomize Answers: No

Date Added: Sat 10th Jul 2021

Last Modified: N/A QID#: 28,382,315

2 pts

# **Question 8**

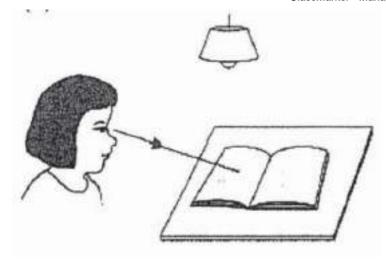
Primary 4 Science » Primary 4 Science (Term 4)

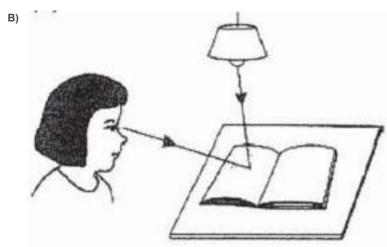
Look at the picture below.

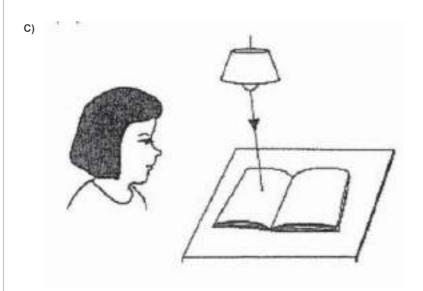
Which one of the following explains why Sue can see the book on the table?



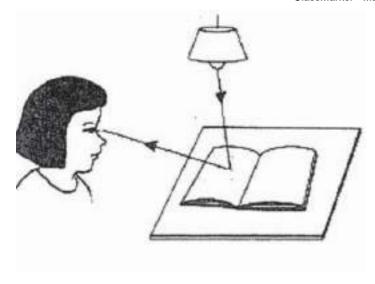
A)







✓ D)



Question Type: Multiple Choice

Randomize Answers: No

 Date Added:
 Sat 10th Jul 2021

 Last Modified:
 N/A

 QID#:
 28,382,327

Answers | A Edit | A Duplicate | ✓ Used In | ♦ Reorder Remove From Tes

## **Question 9**

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Which one of the following is the best conductor of heat?

- A) A paper cup
- ✓ B) A metal cup
  - C) A plastic cup
  - D) A wooden cup

Question Type: Multiple Choice

Randomize Answers: No

Date Added: Sat 10th Jul 2021

 Last Modified:
 N/A

 QID#:
 28,382,330

🚜 Answers | 🖋 Edit | 🖆 Duplicate | 🔰 Used In | ♦ Reorder

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# **Question 10**

Primary 4 Science » Primary 4 Science (Term 4)

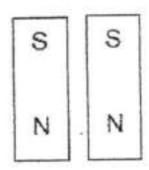
2 pts

In which one of the following will the two magnets push each other away?

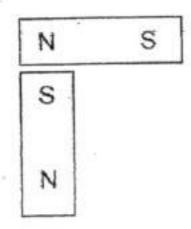
A)



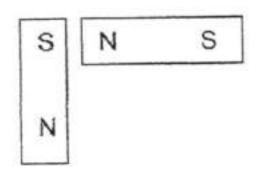
✓ B)



C)



D)



**Question Type:** Multiple Choice

Randomize Answers: No

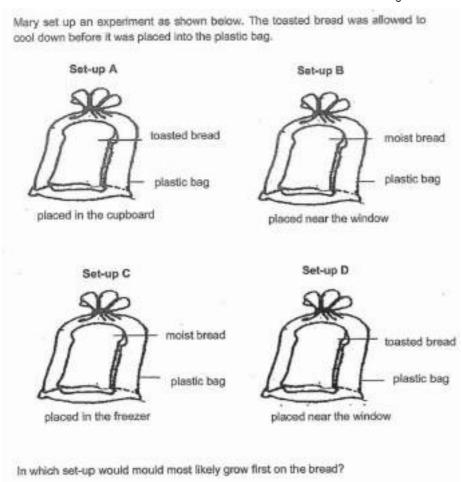
Date Added: Sat 10th Jul 2021

Last Modified: N/A
QID#: 28,382,344



**Question 11** 

Primary 4 Science » Primary 4 Science (Term 4)



- **A)** A
- **✓ B)** B
  - **C**) C
  - D) D

**Question Type:** Multiple Choice

Randomize Answers: No

Date Added: Sat 10th Jul 2021

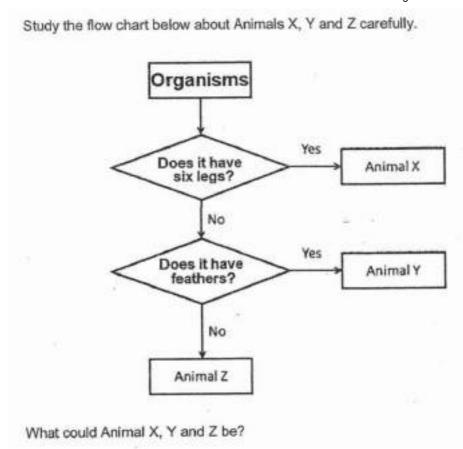
Last Modified: N/A
QID#: 28,382,351

✓ Answers | ✓ Edit | 🔁 Duplicate | 🗸 Used In | 🗢 Reorder

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**Question 12** 

Primary 4 Science » Primary 4 Science (Term 4)



- A) Animal X Animal Y Animal Z mammal insect bird
- Animal X Animal Y Animal Z insect bird mammal
  - C) Animal X Animal Y Animal Z insect mammal bird
  - D) Animal X Animal Y Animal Z bird mammal insect

Question Type: Multiple Choice

Randomize Answers: No

Date Added: Sat 10th Jul 2021

 Last Modified:
 N/A

 QID#:
 28,382,372

✓ Answers | ✓ Edit | 🔁 Duplicate | 🗸 Used In | 💠 Reorder

Remove From Test

# **Question 13**

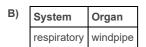
Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Which of the following incorrectly matches the organ to the system?

✓ A)

System	Organ
skeletal	large intestine



C) System Organ circulatory heart

D) System Organ digestive stomach

Question Type:

Multiple Choice

Randomize Answers: No

Date Added:

Sat 10th Jul 2021

Last Modified: QID#:

N/A

28,382,389

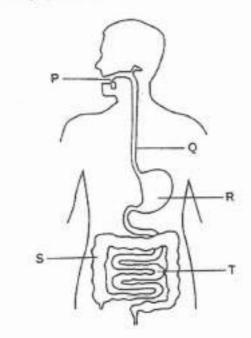




# **Question 14**

Primary 4 Science » Primary 4 Science (Term 4)

### Study the human body system below.



Which two parts of the human body system do not produce digestive juices?

- A) R and T
- P and Q
- C) R and S
- ✓ D) Q and S

Question Type:

Multiple Choice

Randomize Answers: No

Date Added: Sat 10th Jul 2021

Last Modified: N/A QID#: 28,382,393

Answers | 

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Duplicate | 

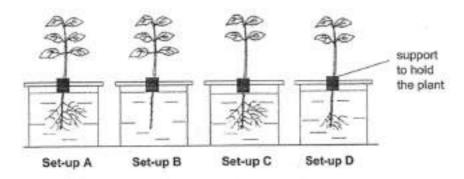
Used In | 
Reorder

# **Question 15**

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Robert wanted to conduct an experiment to find out if the number of leaves affects the amount of water taken in by the plant.



Each set-up had the same amount of water at the start of the experiment.

Which of the two set-ups above should he choose to conduct a fair test?

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

Question Type: Multiple Choice

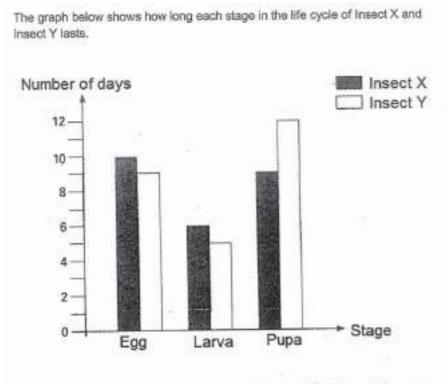
Randomize Answers: No

Date Added: Sat 10th Jul 2021

Last Modified: N/A QID#: 28,382,406

**Question 16** 

Primary 4 Science » Primary 4 Science (Term 4)



Based on the graph above, at which stage will Insect X and Insect Y be on the 15th day after the eggs are laid?

✓ A)	Insect X	Insect Y
	Larva	Puna

B)	Insect X	Insect Y
	Pupa	Larva

C)	Insect X	Insect Y
	Larva	Larva

D)	Insect X	Insect Y
	Pupa	Pupa

Question Type: Multiple Choice

Randomize Answers: No

Date Added: Sat 10th Jul 2021

Last Modified: N/A
QID#: 28,382,423



✓ Answers | ✓ Edit | 🔁 Duplicate | 🗸 Used In | ♦ Reorder

Remove From Test

Primary 4 Science » Primary 4 Science (Term 4) 2 pts

Devi placed four similar seeds under the following conditions as shown below. A tick ( $\sqrt{}$ ) represents the presence of the condition.

	20.7	Cond	lition	There was
Set-up	Air	Light	Water	Temperature (°C)
Р		N		30
Q	4		V	30
R	V .	4		3
S			1	3

In which set-up will the seed germinate first?

- **A)** P
- √ B) (
  - C) R
  - D) S

**Question Type:** Multiple Choice

Randomize Answers: No

Date Added: Sat 10th Jul 2021

Last Modified: N/A
QID#: 28,382,429

Question 18

∡\* Answers | 🌶 Edit | 😩 Duplicate | 🔰 Used In | 💠 Reorder

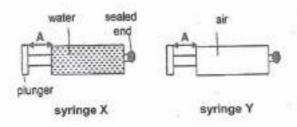
Remove From Test

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Kok Wei has two identical syringes, X and Y, each filled with a different matter as shown in the diagram below.

The distance, A, for each syringe before he pushed the plunger was 6 cm. He then pushed in each plunger as hard as he could and measured distance A again.



Which of the following could likely be the measurements of A after the plungers were pushed in?

- A) Syringe X Syringe Y
  4 cm 4 cm
- B) Syringe X Syringe Y
  4 cm 6 cm
- Syringe X Syringe Y
  6 cm 4 cm



Multiple Choice Question Type:

Randomize Answers: No

Sat 10th Jul 2021 Date Added:

Last Modified: N/A QID#: 28,382,462





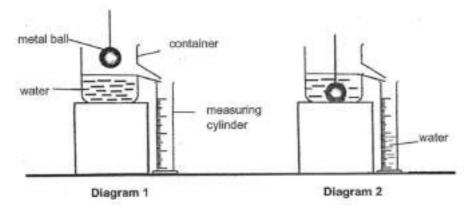
∡\* Answers | 🖋 Edit | 省 Duplicate | 🔰 Used In | 🗢 Reorder

# **Question 19**

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Alex carried out an experiment as shown below. After he lowered the metal ball carefully into the container shown in Diagram 1, some water flowed out. The water was collected in the measuring cylinder as shown in Diagram 2.



The result of the experiment shows that the

- A) water has mass
- metal ball has mass
- ✓ C) metal ball has a definite volume
  - D) metal ball has a definite shape

Question Type: Multiple Choice

Randomize Answers: No

Sat 10th Jul 2021 Date Added:

Last Modified: N/A QID#: 28,382,467

✓ Answers | Ø Edit | 🖒 Duplicate | 🗸 Used In | 💠 Reorder

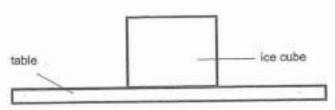




**Question 20** 

Primary 4 Science » Primary 4 Science (Term 4)

An ice cube has been left on a table as shown below.



Which of the following correctly shows the change in the ice cube in the next 10 minutes?

- A) Change in state of matter of the ice cube Heat gain by the ice cube

  No Yes
- B) Change in state of matter of the ice cube Heat gain by the ice cube

  No No
- C) Change in state of matter of the ice cube Heat gain by the ice cube
  Yes No
- Change in state of matter of the ice cube Heat gain by the ice cube
   Yes

**Question Type:** Multiple Choice

Randomize Answers: No

Date Added: Sat 10th Jul 2021

 Date Added:
 Sat 10th Jul 20:

 Last Modified:
 N/A

 QID#:
 28,382,496

Remove From Test

## **Question 21**

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

When the light from the torch shines on the cardboard box, a shadow is cast on the screen.



To make the shadow bigger, you should move the

- ✓ A) cardboard box nearer to the torch
  - B) screen nearer to the cardboard box
  - C) cardboard box further away from the torch
  - D) torch further away from the cardboard box

Question Type: Multiple Choice

Randomize Answers: No

Date Added: Sat 10th Jul 2021

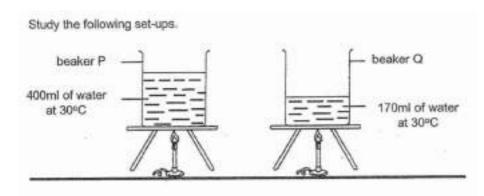
Last Modified: N/A QID#: 28,382,504



# **Question 22**

Primary 4 Science » Primary 4 Science (Term 4)

2 pts



Which of the statements about the two beakers of water is true?

- ✓ A) The water in beaker Q would boil first.
  - B) The water in both beakers would boil at the same time.
  - C) The water in beaker P had a higher temperature when it boils.
  - **D)** The water in both beakers have different temperature when they boil.

Question Type: Multiple Choice

Randomize Answers: No

Date Added: Sat 10th Jul 2021

Last Modified: N/A QID#: 28,382,513





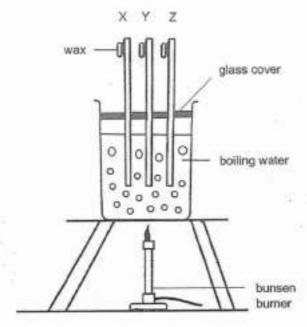




## **Question 23**

Primary 4 Science » Primary 4 Science (Term 4)

Kumar coated the same amount of wax on the ends of three rods made of three different materials, X, Y and Z. He conducted the experiment as shown in the diagram.



He recorded the time taken for the wax to melt completely in the table below.

Material	Time taken for wax to melt completely (min)
X	7
Y	16
Z	2

Based on the results above, which of the statements is true?

- A) Material Y is the best conductor of heat.
- ✓ B) Material Z conducts heat better than Material X.
  - C) Material Z is the poorest conductor of heat.
  - **D)** Material X is a poorer conductor of heat than Material Y.

✓ Answers | Ø Edit | 🖒 Duplicate | 🗸 Used In | 💠 Reorder

Question Type: Multiple Choice

Randomize Answers: No

Date Added: Sat 10th Jul 2021

 Last Modified:
 N/A

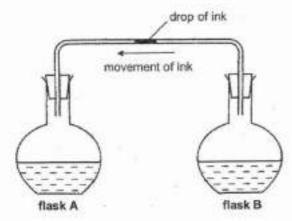
 QID#:
 28,382,526

Question 24

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Primary 4 Science » Primary 4 Science (Term 4)

A drop of ink was placed in the middle of a glass tube connecting flask A and flask B as shown in the diagram below, Both flasks contained the same amount of water.



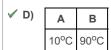
Marcus noticed that the drop of ink moved towards flask A after some time.

Based on his observation, which of the following shows the possible temperature of the water in flask A and B?

A)	Α	В	
	10°C	10°C	







Question Type:

Multiple Choice

Randomize Answers: No

Date Added:

Sat 10th Jul 2021

Last Modified:

N/A

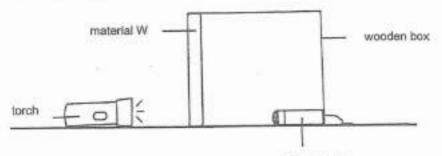
QID#:

28,382,539

**Question 25** 

Primary 4 Science » Primary 4 Science (Term 4)

Sammi set up an experiment in a dark room as shown below. She placed material W at the opening of the wooden box.



light sensor

She recorded the amount of light that passed through material W using a light sensor placed in the box. She repeated the experiment using materials X, Y and Z. The table below shows the results.

	Material	Material	Materiai	Material
	W	X	Y	Z
Amount of light detected by the light sensor (units)	400	1100	150	800

Which material should Sammi choose to make curtains that will reduce the most amount of light entering her room during the day?

- Material W
- Material X
- ✓ C) Material Y
  - D) Material Z

Question Type:

Multiple Choice

Randomize Answers: No

Date Added:

Sat 10th Jul 2021 N/A

Last Modified: QID#:

28,382,549





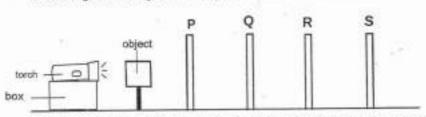


# **Question 26**

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The experiment shown below was carried out in a dark room. Sheet P, Q, R and S were arranged in a straight line. An object was placed in front of sheet P.



When the torch was switched on, a shadow of the object was formed on sheet R only. Which of the following correctly describes the properties of the materials of sheet P, Q, R and S?

✓ A)

0 1	•	Not possible to tell

P and Q R

- B) Allows most light to pass through

  Allows most light to pass through

  Does not allow light to pass through

  Rot possible to tell

  Q and R

  S
- C) Allows most light to pass through

  P Does not allow light to pass through

  Not possible to tell

  R and S
- D) Allows most light to pass through Does not allow light to pass through P and Q S R

Question Type: Multiple Choice

Randomize Answers: No

Date Added: Sat 10th Jul 2021

 Last Modified:
 N/A

 QID#:
 28,382,580

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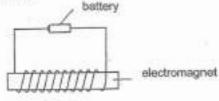
Primary 4 Science » Primary 4 Science (Term 4)

2 pts

**Question 27** 

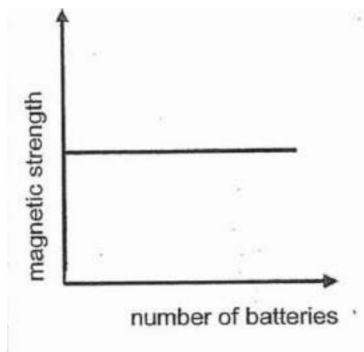
Randy used the set-up below to find out if the number of batteries affects the

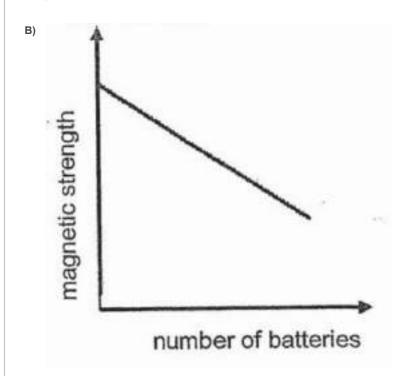
strength of an electromagnet.



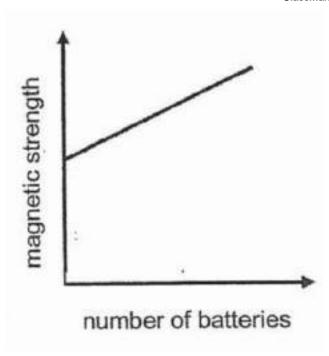
Which one of the following graphs would show the correct result of the experiment?

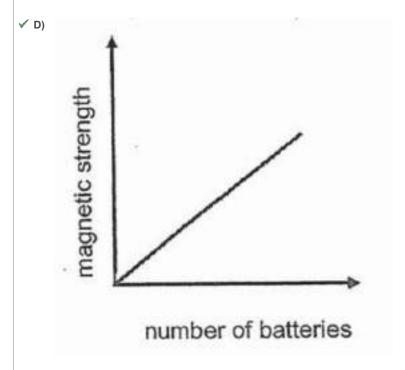
A)





C)





**Question Type:** Multiple Choice Randomize Answers: No

Date Added: Sat 10th Jul 2021
Last Modified: N/A

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 N/A

 QID#:
 28,382,617

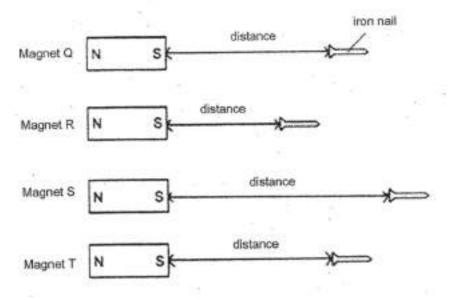
🎤 Answers | 🖋 Edit | 🙆 Duplicate | 🔰 Used In | ♦ Reorder Remove From Tes

# **Question 28**

Primary 4 Science » Primary 4 Science (Term 4)

Joel wanted to find out the strength of four different magnets, Q, R, S and T, using an iron nall.

He moved the iron nail slowly towards Magnet Q until the nail was just attracted by the magnet. He then observed the distance between the nail and the magnet. He repeated this with the other three magnets. The results are shown in the diagram below.



Based on the results shown above, which of the following is correct?

- A) Strongest magnet Weakest magnet R S
- B) Strongest magnet Weakest magnet R T
- C) Strongest magnet Weakest magnet
  S Q
- Strongest magnet | Weakest magnet | S | R

**Question Type:** Multiple Choice

Randomize Answers: No

Date Added: Sat 10th Jul 2021

Last Modified: N/A
QID#: 28,382,631

r Answers | r Edit | table Duplicate | r Used In | table Reorde

Remove From Test

2 pts

# **Question 29**

Primary 4 Science » Primary 4 Science (Term 4)

Fill in the blanks in the table with the names of board groups of living things.

Group	Characteristics
i)	Body covered with hair

Dry skin with scales ii)

### Accepted answers:

- ✓ Mammal, Reptile
- Mammal and reptile
- mammal/reptile
- mammal / reptile
- ✓ mammal reptile
- Mammal,reptile
- ✓ Mammal , reptile

Question Type: Free Text Date Added: Sun 11th Jul 2021

Last Modified: N/A QID#: 28,387,516

# Correctly answered feedback

Group	Characteristics
Mammal	Body covered with hair
Reptile	Dry skin with scales

### Incorrectly answered feedback

Group	Characteristics
Mammal	Body covered with hair
Reptile	Dry skin with scales

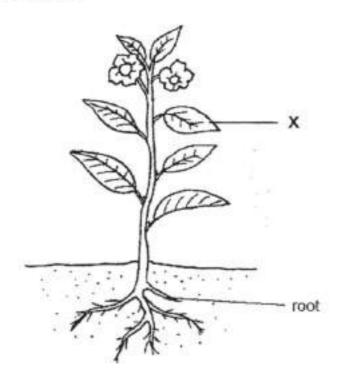
**Question 30** 

∡\* Answers | 🖋 Edit | 省 Duplicate | 🔰 Used In | 🗢 Reorder

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

# The diagram shows a plant.



Name plant part X.

### Accepted answers:

✓ Leaf

Question Type:Free TextDate Added:Sun 11th Jul 2021

Last Modified: N/A QID#: 28,387,522

### Correctly answered feedback

X: Leaf

#### Incorrectly answered feedback

X: Leaf

- Answers | 

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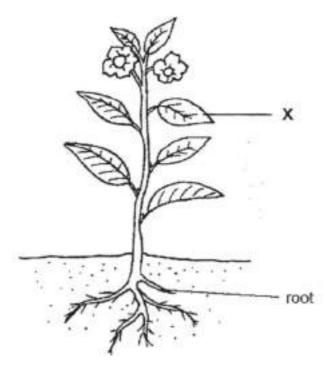
Remove From Test

# **Question 31**

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

# The diagram shows a plant.



One substance that the roots of plant take in from the soil is \_\_\_\_\_\_.

### Accepted answers:

✓ Water

Question Type:Free TextDate Added:Sun 11th Jul 2021

Last Modified: N/A QID#: 28,387,527

Question 32



Remove From Test

1 pt



The diagram below shows the stages in the life cycle of a grasshopper.

adult

egg

Name stage Q.

# Accepted answers:

✓ Nymph

Question Type: Free Text Date Added: Sun 11th Jul 2021

Last Modified: N/A 28,387,529

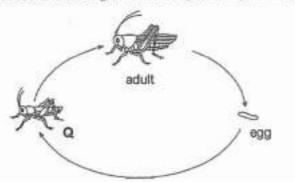
✓ Answers | Ø Edit | 🖒 Duplicate | 🗸 Used In | 💠 Reorder

# **Question 33**

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

The diagram below shows the stages in the life cycle of a grasshopper.



State one other animal that has a similar life cycle as a grasshopper.

#### Accepted answers:

✓ Cockroach

Question Type: Free Text

Date Added: Sun 11th Jul 2021

Last Modified: N/A

QID#: 28,387,531



✓ Answers | Ø Edit | 🖒 Duplicate | 🗸 Used In | 💠 Reorder

# **Question 34**

Primary 4 Science » Primary 4 Science (Term 4)

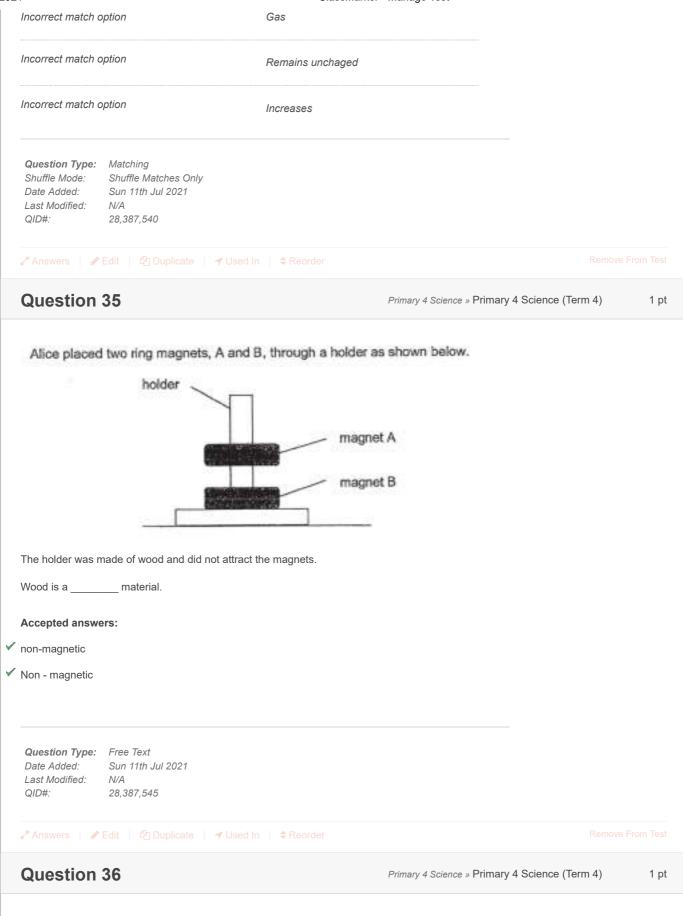
2 pts

The diagram shows a beaker of water.

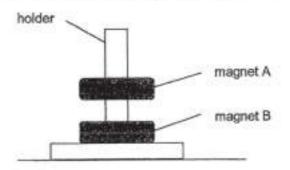


Fill in the blanks using the correct words from the list.

When heat is removed from the water, its temperature  Points: +1 -0  The beaker of water is put in the freezer. After some time, the water will change its state to become	Clue	Match
The beaker of water is put in the freezer. Solid After some time, the water will change its	temperature	Decreases
After some time, the water will change its		
	After some time, the water will change its	Solid



Alice placed two ring magnets, A and B, through a holder as shown below.



Why was magnet A floating above magnet B?

Magnet B was \_\_\_\_\_ magnet A.

#### Accepted answers:

repelling

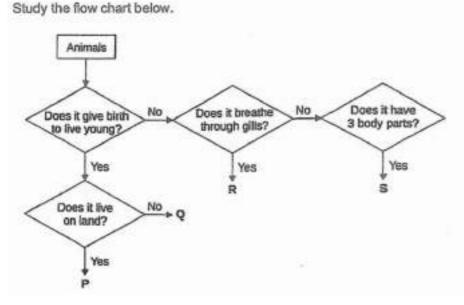
Question Type: Free Text Date Added: Sun 11th Jul 2021

Last Modified: QID#: 28,387,548

# **Question 37**

Primary 4 Science » Primary 4 Science (Term 4)

0 pts



Based on the flow chart, state a difference between animals R and S. (1 mark)

This question 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.

Question Type: Essay

Date Added: Sun 11th Jul 2021

Last Modified:

QID#: 28,387,558

#### Correctly answered feedback

Animal R breathe by gills while Animal S does not breathe by gills.

#### Incorrectly answered feedback

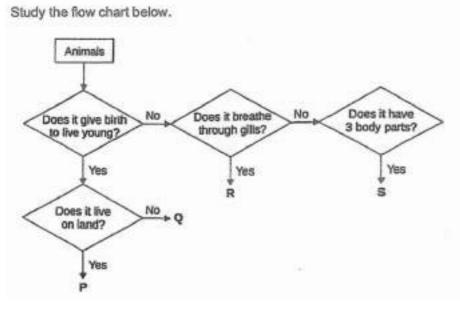
Animal R breathe by gills while Animal S does not breathe by gills.

Answers | Fedit | Page Duplicate | ✓ Used In | Remove From Test

# **Question 38**

Primary 4 Science » Primary 4 Science (Term 4)

2 pts



Classify these organisms according to the flow chart. Fill in the blanks with the letters P, Q, R or S.

Clue	Match
Goldfish Points: +1 -0	R
Dog Points: +1 -0	P
Incorrect match option	Q
Incorrect match option	S

**Question Type:** Matching

Shuffle Mode: Shuffle Matches Only
Date Added: Sun 11th Jul 2021

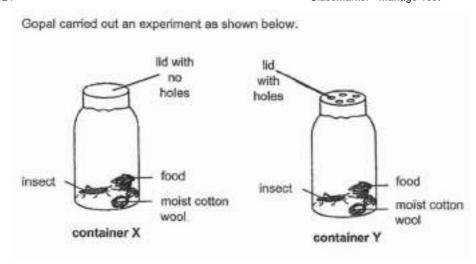
Last Modified: N/A QID#: 28,387,566

Answers | PEdit | PD Duplicate | 1 Used In | ♦ Reorder Remove From Test

# **Question 39**

Primary 4 Science » Primary 4 Science (Term 4)

1 pt



Which insect in container X or Y will likely to die first?

#### Accepted answers:

✓ Container X



Question Type:Free TextDate Added:Sun 11th Jul 2021

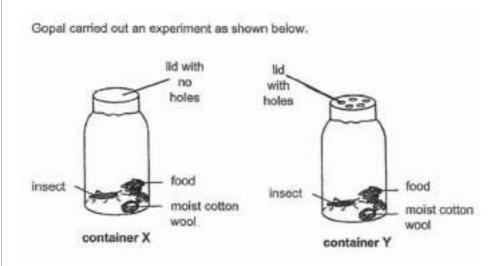
Last Modified: N/A
QID#: 28,387,575

Question 40

∡<sup>n</sup> Answers | *I* Edit | <sup>l</sup> Duplicate | *I* Used In | \$Reorder

Remove From Test

Primary 4 Science » Primary 4 Science (Term 4) 0 pts



Give a reason for the answer in the previous question. (1 mark)

This question 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.

Question Type: Essay

Date Added: Sun 11th Jul 2021

Last Modified: N/A
QID#: 28,387,586

## Correctly answered feedback

Because a living thing need air to survive, but there is not enough air in container X.

#### Incorrectly answered feedback

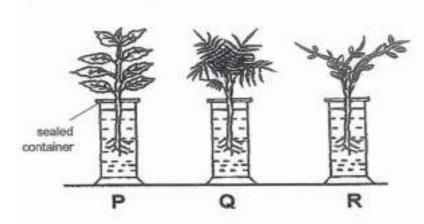
Because a living thing need air to survive, but there is not enough air in container X.

# **Question 41**

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Luke placed different types of plants in three identical sealed containers of water, P, Q and R. One of the plants was made of plastic.



The three set-ups were left near the window for three days. The table below shows the amount of water left in each set-up at the start and end of the experiment.

	Amount of water lef	ater left in the container (ml)	
Set-up	Day 1	Day 3	
Р	30	15	
> Q	30	30	
R	30	20	

Which one of the set-ups, P, Q or R, contained the plant made of plastic?

#### Accepted answers:

set-up Q

✓ Set - up Q

Question Type: Free Text

Date Added: Sun 11th Jul 2021

Last Modified: N/A QID#:

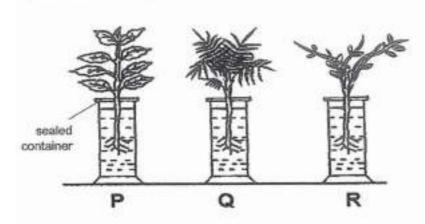
28,387,723

⊿\*Answers | 🎤 Edit | 🐴 Duplicate | 🔰 Used In | 🗢 Reorder

**Question 42** 

Primary 4 Science » Primary 4 Science (Term 4)

Luke placed different types of plants in three identical sealed containers of water, P, Q and R. One of the plants was made of plastic.



The three set-ups were left near the window for three days. The table below shows the amount of water left in each set-up at the start and end of the experiment.

98/5/1/19	Amount of water left in the container (ml)	
Set-up	Day 1	Day 3
P	30	15
> Q	30	30
R	30	20

Give a reason for your answer in the previous question. (1 mark)

This question 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.

Question Type: Essay

Date Added: Sun 11th Jul 2021

 Last Modified:
 N/A

 QID#:
 28,387,732

#### Correctly answered feedback

Plant in set-up Q did not absorb any water and plants need water to survive.

#### Incorrectly answered feedback

Plant in set-up Q did not absorb any water and plants need water to survive.

🚜 Answers 📗 🌶 Edit 📗 🕰 Duplicate 📗 🔰 Used In 📗 🖨 Reorder

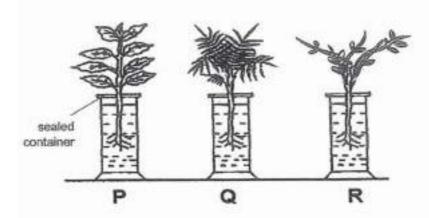
Remove From Test

**Question 43** 

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

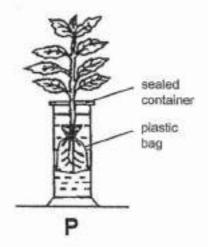
Luke placed different types of plants in three identical sealed containers of water, P, Q and R. One of the plants was made of plastic.



The three set-ups were left near the window for three days. The table below shows the amount of water left in each set-up at the start and end of the experiment.

95,000	Amount of water left in the container (ml)	
Set-up	Day 1	Day 3
P	30	15
> Q	30	30
R	30	20

Luke repeated the experiment using the plant in set-up P but he wrapped the roots of the plant with a plastic bag as shown below,



At the end of the experiment, would the amount of water left in set-up P be less than 15ml, remain the same at 15ml or greater than 15ml?

Put a tick (√) in the correct box. (1m)

less than 15ml	remain the same at 15ml	greater than 15m

- A) Less than 15ml
- ✓ B) Remain the same at 15ml
  - C) Greater than 15ml

Question Type: Multiple Choice

Randomize Answers: No

Date Added: Sun 11th Jul 2021

Last Modified: N/A QID#: 28,387,745

Answers | 

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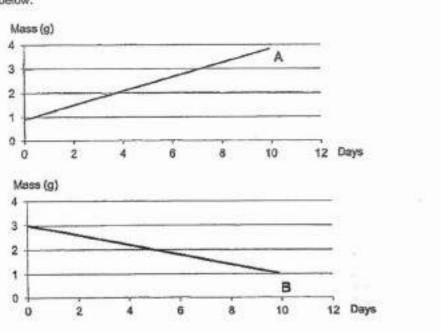
Reorder

### **Question 44**

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Deliang conducted an experiment to find out how the mass of the seed leaf changes as the seed germinates into a seedling. He plotted the graphs as shown below.



After a seed germinates, which part of the seeding will grow out of the seed first?

### Accepted answers:

✓ The roots

✓ roots

Question Type: Free Text Date Added: Sun 11th Jul 2021

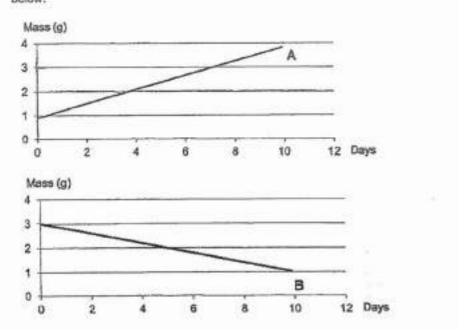
Last Modified: N/A QID#: 28,387,757

# **Question 45**

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Deliang conducted an experiment to find out how the mass of the seed leaf changes as the seed germinates into a seedling. He plotted the graphs as shown below.



Which graph A or B, correctly shows the mass of the seed leaf as the seed germinates into a seedling?

### Accepted answers:

✓ E

✓ Graph B

Question Type: Free Text
Date Added: Sun 11th Jul 2021

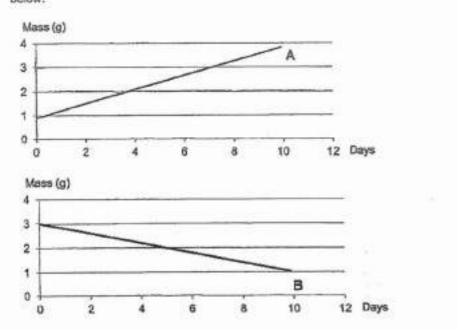
Last Modified: N/A
QID#: 28,387,766

✓ Answers | ✓ Edit | 🏖 Duplicate | 🗸 Used In | 💠 Reorder Remov

# **Question 46**

Primary 4 Science » Primary 4 Science (Term 4)

Deliang conducted an experiment to find out how the mass of the seed leaf changes as the seed germinates into a seedling. He plotted the graphs as shown below.



Explain your answer in the previous question. (2 marks)

This question 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.

Question Type: Essay

Date Added: Sun 11th Jul 2021

Last Modified: N/A
QID#: 28,387,771

### Correctly answered feedback

Because when the plants is at its seed stage, it will feed on the leaf, therefore the mass of the seed leaf decreases.

#### Incorrectly answered feedback

Because when the plants is at its seed stage, it will feed on the leaf, therefore the mass of the seed leaf decreases.

Answers | 

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Used In | 

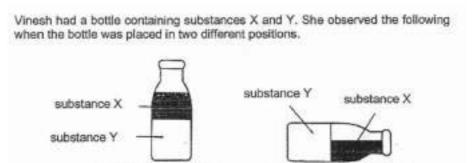
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Remove From Test

**Question 47** 

Primary 4 Science » Primary 4 Science (Term 4)

on a horizontal position



What is the state of matter for substance X and substance Y?

on a vertical position

Clue Match

Liquid Substance X

Points: +1 -0

Solid Substance Y

Points: +1 -0

Question Type: Matching

Shuffle Mode: Shuffle Matches Only
Date Added: Sun 11th Jul 2021

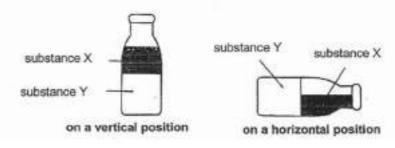
Last Modified: N/A
QID#: 28,388,606

# **Question 48**

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Vinesh had a bottle containing substances X and Y. She observed the following when the bottle was placed in two different positions.



Based on the experiment, what is the property of substance X? (1 mark)

This question 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.

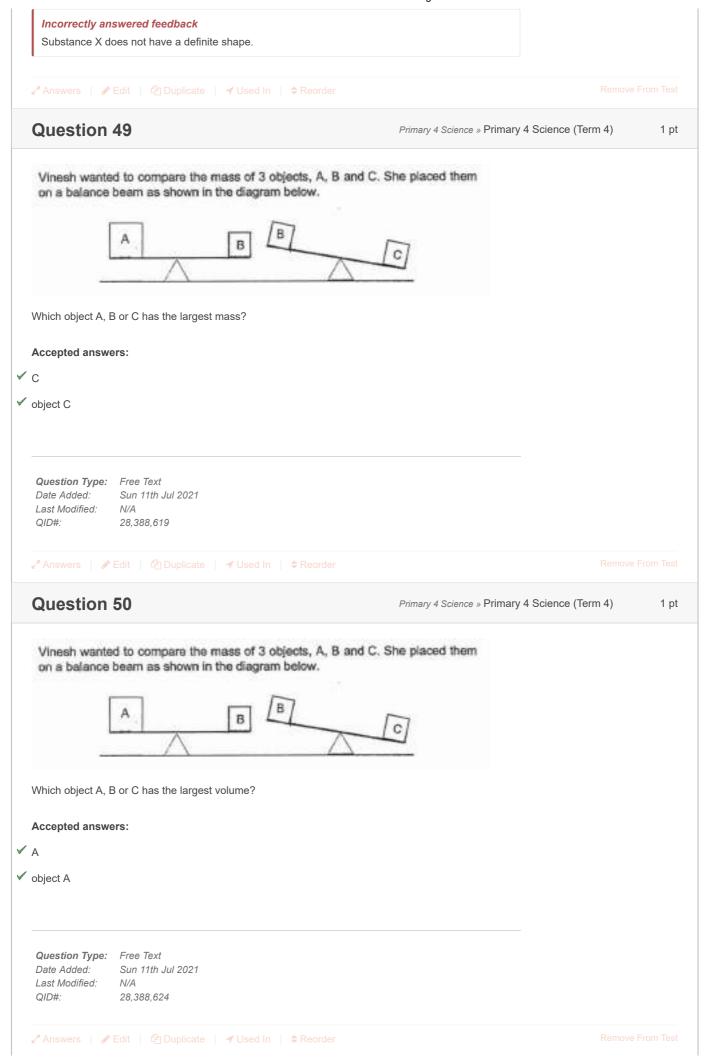
Question Type: Essay

Date Added: Sun 11th Jul 2021

Last Modified: N/A QID#: 28,388,613

### Correctly answered feedback

Substance X does not have a definite shape.

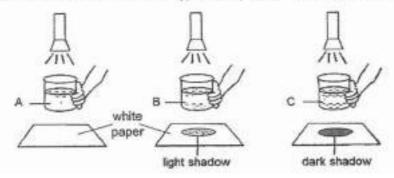


## **Question 51**

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Jamal wanted to find out how different types of liquid affect the amount of light that passes through the liquid. He shone light through three similar clear glass beakers. The beakers contain different types of liquid, A, B and C, as shown below.



Based on the diagram, why did Jamal put a piece of white paper under each beaker? (1 mark)

This question 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.

Question Type: Essay

Date Added: Sun 11th Jul 2021

Last Modified: N/A QID#: 28,388,633

### Correctly answered feedback

So that she can see the shadow of the liquid.

#### Incorrectly answered feedback

So that she can see the shadow of the liquid.

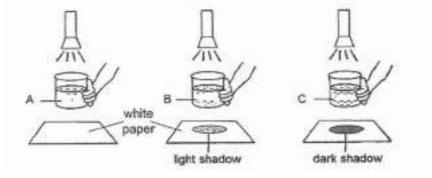
Remove From Test

# **Question 52**

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Jamal wanted to find out how different types of liquid affect the amount of light that passes through the liquid. He shone light through three similar clear glass beakers. The beakers contain different types of liquid, A, B and C, as shown below.



For the experiment to work, give a reason why the glass beakers cannot be replaced with wooden containers. (1 mark)

This question 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.

Question Type: Essay

Date Added: Sun 11th Jul 2021

Last Modified: N/A
QID#: 28,388,642

### Correctly answered feedback

Because wooden containers are opaque and opaque material does not allow any light to pass through.

### Incorrectly answered feedback

Because wooden containers are opaque and opaque material does not allow any light to pass through.

🖍 Answers | 🖋 Edit | 省 Duplicate | 🔰 Used In | 💠 Reordel

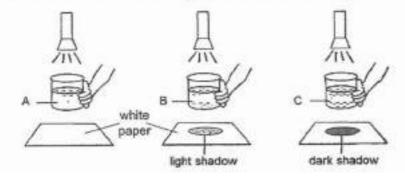
Remove From Test

**Question 53** 

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Jernal wanted to find out how different types of liquid affect the amount of light that passes through the liquid. He shone light through three similar clear glass beakers. The beakers contain different types of liquid, A, B and C, as shown below.



From the diagram, what can be concluded about liquid C? (1 mark)

This question 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.

Question Type: Essay

Date Added: Sun 11th Jul 2021

Last Modified: N/A QID#: 28,388,649

### Correctly answered feedback

Liquid C does not allow any light to pass through.

### Incorrectly answered feedback

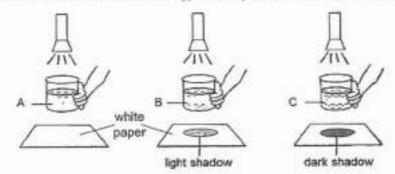
Liquid C does not allow any light to pass through.

🛂 Answers 📗 🖋 Edit 📗 🔁 Duplicate 📗 🔰 Used In 📗 🖨 Reorder

Remove From Test

**Question 54** 

Jernal wanted to find out how different types of liquid affect the amount of light that passes through the liquid. He shone light through three similar clear glass beakers. The beakers contain different types of liquid, A, B and C, as shown below.



Choose the correct answer for each variable that Jamal kept the same to conduct a fair test.

Clue	Match
Brightness of the torch	Kept the same
Points: +0.5 -0	
Distance of the torch from the beakers	Kept the same
Points: +0.5 -0	
Types of liquid	Not Kept the same
Points: +0.5 -0	
Amount of liquid used	Kept the same
Points: +0.5 -0	

Question Type: Matching

Shuffle Mode: Shuffle Matches Only
Date Added: Sun 11th Jul 2021

Last Modified: N/A QID#: 28,388,662

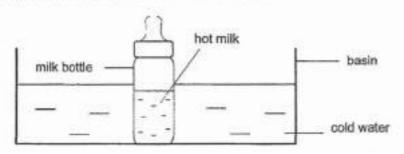
Remove From Tes

# **Question 55**

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Sharifah made some milk for her baby. However, the milk was too hot and she decided to put the milk bottle into a basin of cold water.



What will happen to the temperature of the milk after two minutes? Explain why? (2 marks) This question 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.

Question Type: Essay

Date Added: Sun 11th Jul 2021

Last Modified: N/A QID#: 28,388,676

### Correctly answered feedback

The temperature of the milk will decrease. Because the milk will lose heat to the cold water.

### Incorrectly answered feedback

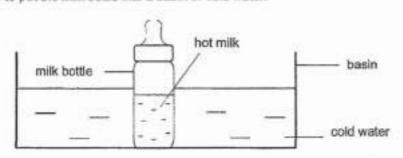
The temperature of the milk will decrease. Because the milk will lose heat to the cold water.



Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Sharifah made some milk for her baby. However, the milk was too hot and she decided to put the milk bottle into a basin of cold water.



What does this experiment tell us about the direction of heat flow? (1 mark)

This question 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.

Question Type: Essay

Date Added: Sun 11th Jul 2021

Last Modified: N/A
QID#: 28,388,685

### Correctly answered feedback

Heat flow from a hotter region to a colder region.

#### Incorrectly answered feedback

Heat flow from a hotter region to a colder region.

Answers | 

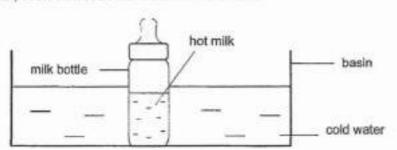
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Used In | 

Reorder

Primary 4 Science » Primary 4 Science (Term 4)

Sharifah made some milk for her baby. However, the milk was too hot and she decided to put the milk bottle into a basin of cold water.



What will happen to the temperature of the milk and the cold water after an hour? (1 mark)

This question 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.

Question Type: Essay

Date Added: Sun 11th Jul 2021

Last Modified: N/A

QID#: 28,388,693

### Correctly answered feedback

Both the temperature will be at room temperature.

### Incorrectly answered feedback

Both the temperature will be at room temperature.

🖍 Answers | 🖋 Edit | 省 Duplicate | 🔰 Used In | 💠 Reorder

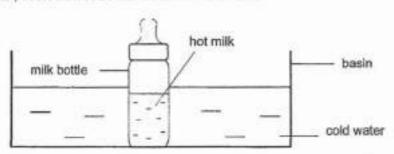
Remove From Test

### **Question 58**

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Sharifah made some milk for her baby. However, the milk was too hot and she decided to put the milk bottle into a basin of cold water.



What can Sharifah add to the cold water if she wants to cool down the milk faster? (1 mark)

This question 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.

Question Type: Essay

Date Added: Sun 11th Jul 2021

Last Modified: N/A OID# 28,388,696

### Correctly answered feedback

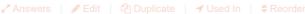
She can put ice cubes into the cold water.

#### Incorrectly answered feedback

She can put ice cubes into the cold water.







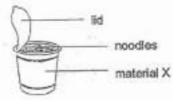


# **Question 59**

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Mr Eng poured hot water into a cup of instant noodles and kept it covered for five minutes. The cup is made of material X. When he removed the lid, he observed that the noodles had softened and the soup was still hot.



To cook the noodles faster, should material X be a good or poor conductor of heat? Why? (2 marks)

This question 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.

Question Type: Essay

Date Added: Sun 11th Jul 2021

Last Modified: N/A

28,388,703 QID#:

### Correctly answered feedback

Material X should be a poor conductor of heat as it helps to slow down heat loss to the surrounding, keeping the noodles warm.

### Incorrectly answered feedback

Material X should be a poor conductor of heat as it helps to slow down heat loss to the surrounding, keeping the noodles warm.





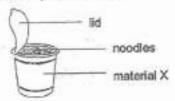




## **Question 60**

Primary 4 Science » Primary 4 Science (Term 4)

Mr Eng poured hot water into a cup of instant needles and kept it covered for five minutes. The cup is made of material X. When he removed the lid, he observed that the needles had softened and the soup was still hot.



What property of material should material X have so that the soup will not leak out from the cup? (1 mark)

This question 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.

Question Type: Essay

Date Added: Sun 11th Jul 2021

Last Modified: N/A
QID#: 28,388,708

### Correctly answered feedback

Material X needs to be waterproof.

### Incorrectly answered feedback

Material X needs to be waterproof.

Question 61

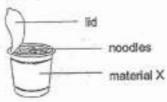
🛂 Answers | 🖋 Edit | 🙆 Duplicate | 🔰 Used In | 🗢 Reorder

Remove From Test

0 pts

Primary 4 Science » Primary 4 Science (Term 4)

Mr Eng poured hot water into a cup of Instant noodles and kept it covered for five minutes. The cup is made of material X. When he removed the lid, he observed that the noodles had softened and the soup was still hot.



Explain how the lid covering the cup helped the noodles to be cooked faster. (1 mark)

This question 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.

Question Type: Essay

Date Added: Sun 11th Jul 2021

Last Modified: N/A
QID#: 28,388,714

Correctly answered feedback

So the lid can conduct heat from the noodles to the surroundings at the slowest rate.

### Incorrectly answered feedback

So the lid can conduct heat from the noodles to the surroundings at the slowest rate.

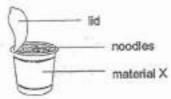
☑ Answers | 🖋 Edit | 🙆 Duplicate | 🔰 Used In | 💠 Reorder Remove From Test

### **Question 62**

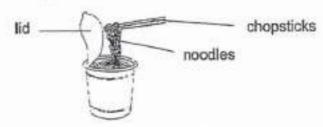
Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Mr Eng poured hot water into a cup of instant noodles and kept it covered for five minutes. The cup is made of material X. When he removed the lid, he observed that the noodles had softened and the soup was still hot.



# Mr Eng used a pair of chopsticks to scoop the noodles.



Why did the chopsticks become hot after a while? (1m)

This question 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.

Question Type: Essay

Date Added: Sun 11th Jul 2021

Last Modified: N/A
QID#: 28,388,721

## Correctly answered feedback

Because chopsticks gain heat from the noodles.

### Incorrectly answered feedback

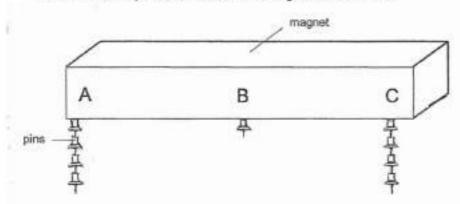
Because chopsticks gain heat from the noodles.

☑ Answers | 🖋 Edit | 🙆 Duplicate | 🔰 Used In | 💠 Reorder Remove From Test

# **Question 63**

Primary 4 Science » Primary 4 Science (Term 4)

Jia Wen placed a magnet into a box of pins. When she lifted up the magnet, she observed that the pins were attracted to the magnet as shown below.



Based on her observation, what can she conclude about the magnetic strength of the magnet? (1 mark)

This question 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.

Question Type: Essay

Date Added: Sun 11th Jul 2021

Last Modified: N/A
QID#: 28,388,730

#### Correctly answered feedback

The magnetic strength is the strongest at the poles.

### Incorrectly answered feedback

The magnetic strength is the strongest at the poles.

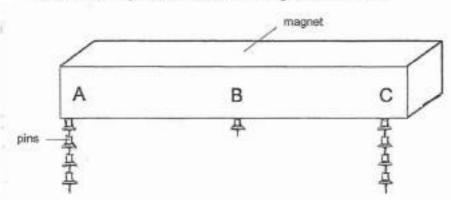
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# **Question 64**

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Jia Wen placed a magnet into a box of pins. When she lifted up the magnet, she observed that the pins were attracted to the magnet as shown below.



Jia Wen repeated the experiment by placing the magnet into a box of plastic clips.

She observed that the magnet did not attract the plastic clips. Give a reason for her observation. (1 mark)

This question 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.

Question Type: Essay

Date Added: Sun 11th Jul 2021 Last Modified: N/A

QID#: N/A 28,388,740

### Correctly answered feedback

Because the plastic clips are not a non-magnetic material.

### Incorrectly answered feedback

Because the plastic clips are not a non-magnetic material.

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