

Test: Primary 4 Science (Term 4) - Red Swastika (2020)

Points: 79 points

Name: _____

Score: _____

Date: _____

Signature: _____

Select multiple choice answers with a cross or tick:

Only select one answer

Can select multiple answers

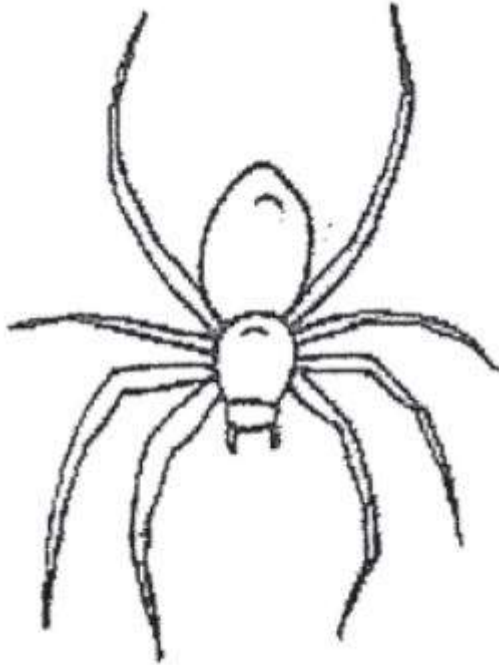
Question 1 of 64

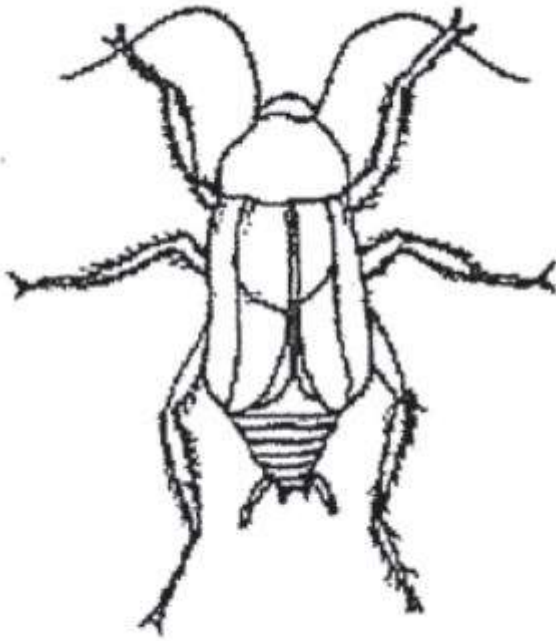
Primary 4 Science (Term 4)

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)



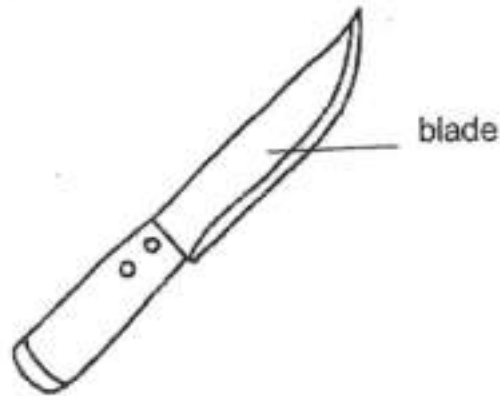
D)



Question 2 of 64

Primary 4 Science (Term 4) 2 pts

The diagram shows a knife.



Metal is used to make the blade of the knife because metal _____.

- A) can reflect light
- B) does not break easily
- C) can bend without breaking
- D) does not allow light to pass through

Question 3 of 64

Primary 4 Science (Term 4) 2 pts

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

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

Question 4 of 64

Primary 4 Science (Term 4) 2 pts

In which part of the digestive system is food absorbed into the blood?

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

Question 5 of 64

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?

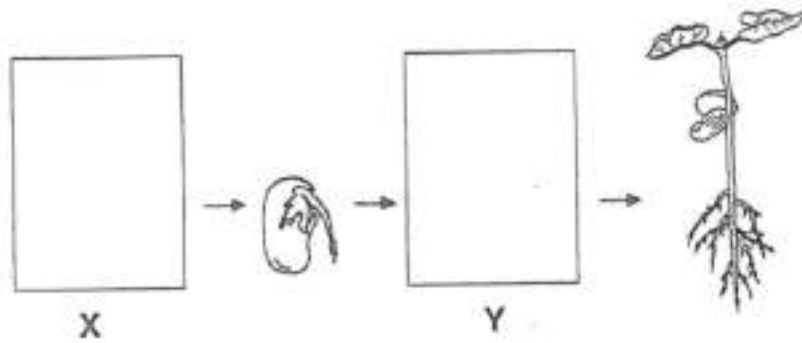
-
- A)** dog
- B)** chicken
- C)** butterfly
- D)** cockroach

Question 6 of 64





Primary 4 Science (Term 4)

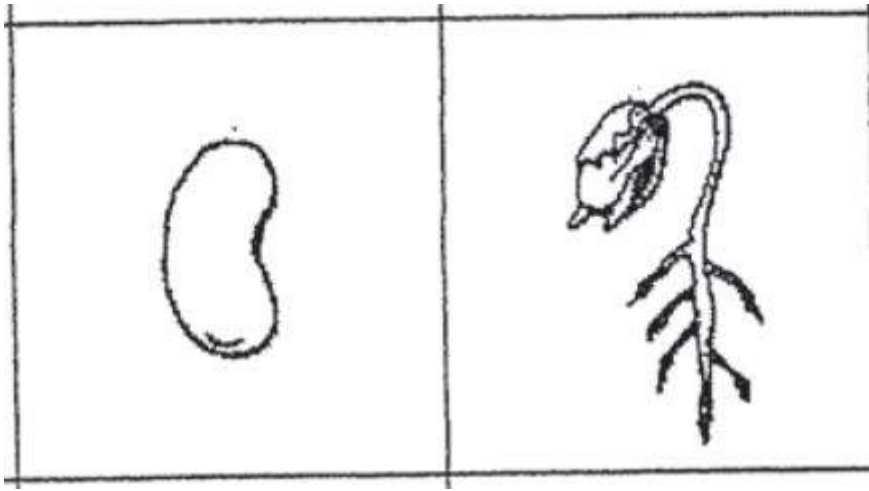
2 pts

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

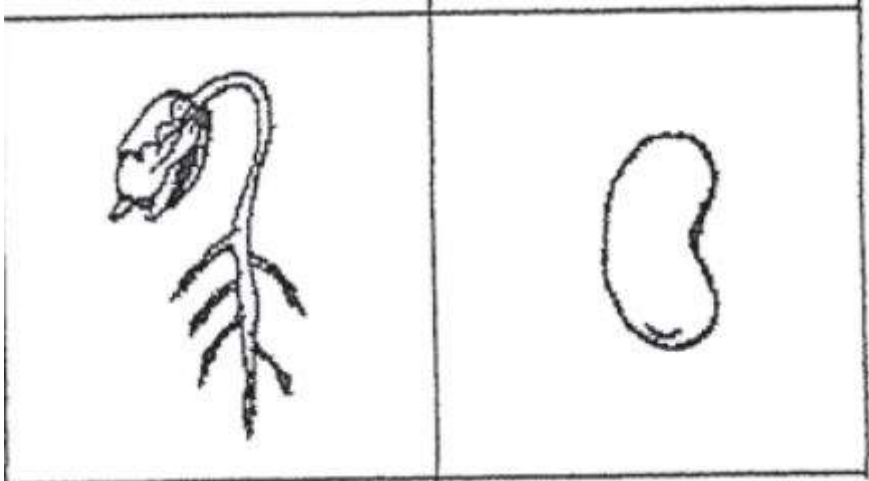


Which one of the following shows the correct stages for X and Y?

- A)
- | X | Y |
|--|---|
|  |  |
- B)
- | | |
|---|--|
|  |  |
|---|--|
- C)



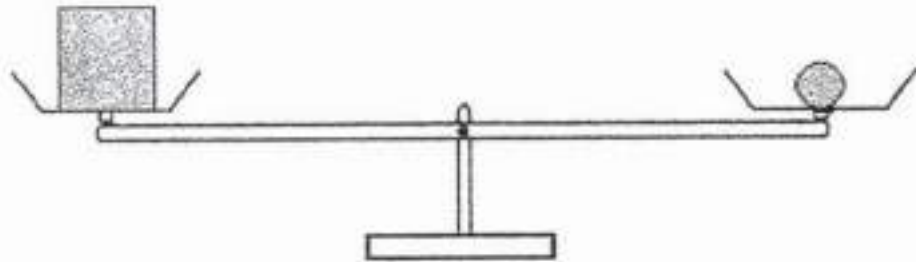
D)



Question 7 of 64

Primary 4 Science (Term 4) 2 pts

Study the diagram below.



Which of the following statements is true?

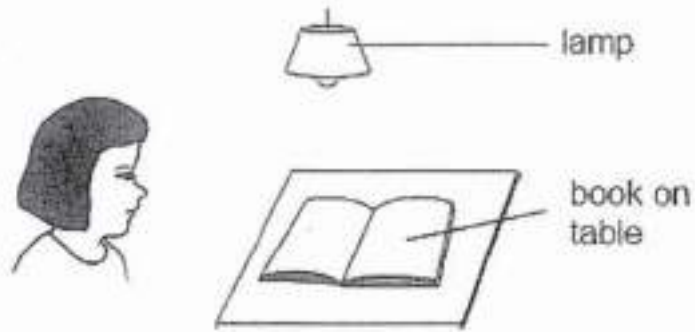
- A) Both objects have the same size.
- B) Both objects have the same mass.
- C) Both objects have the same shape.
- D) Both objects have the same volume.

Question 8 of 64

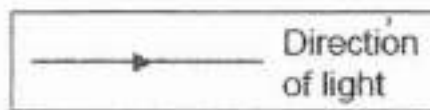
Primary 4 Science (Term 4)

2 pts

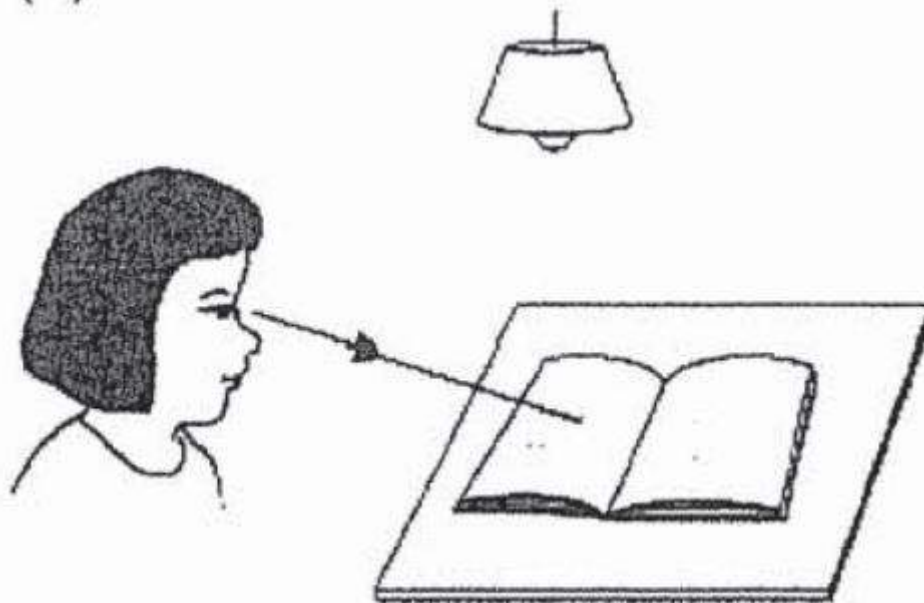
Look at the picture below.



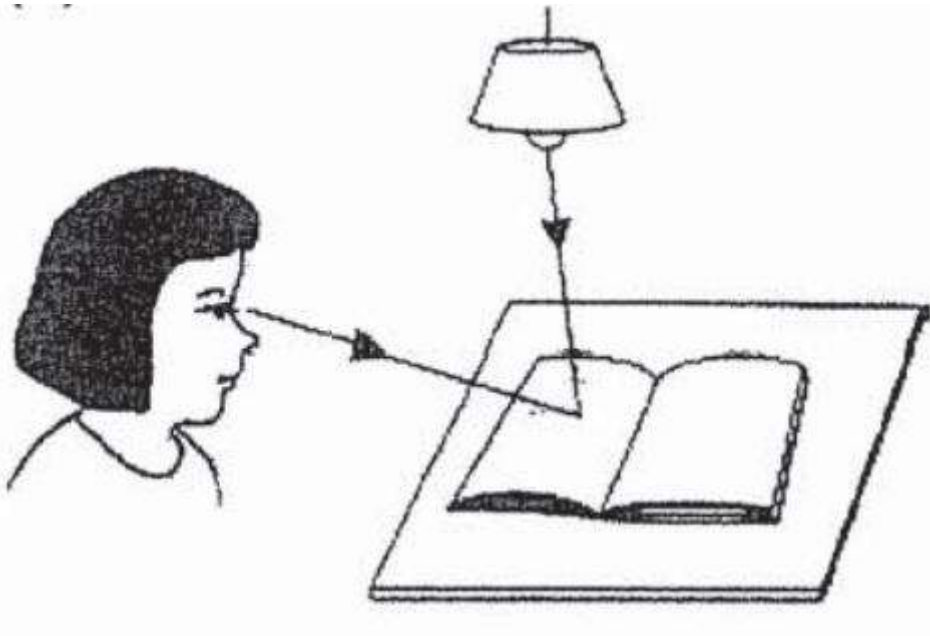
Which one of the following explains why Sue can see the book on the table?



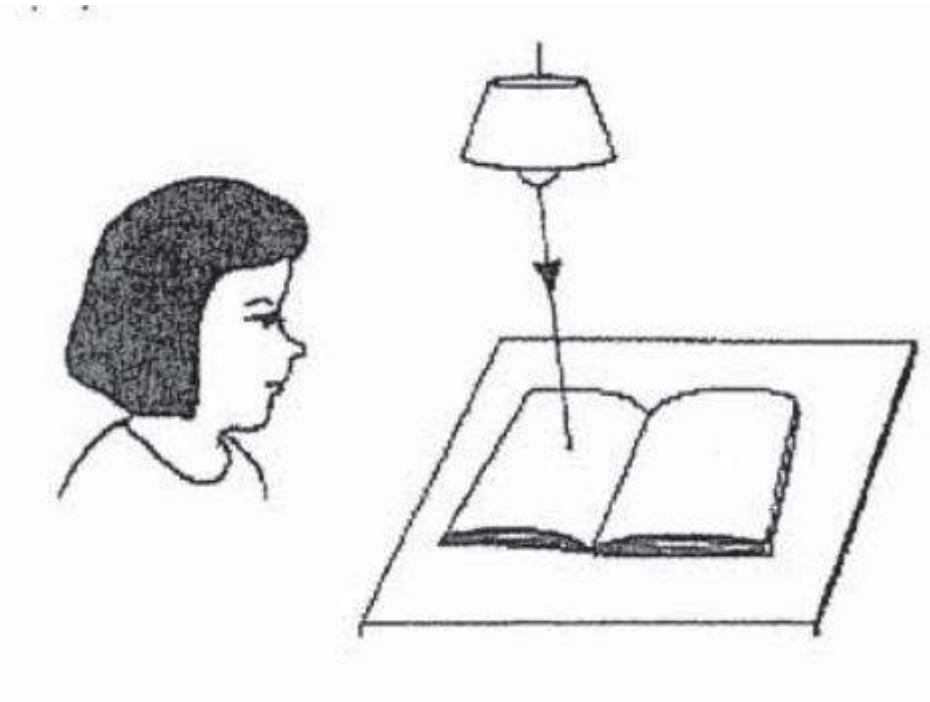
A)



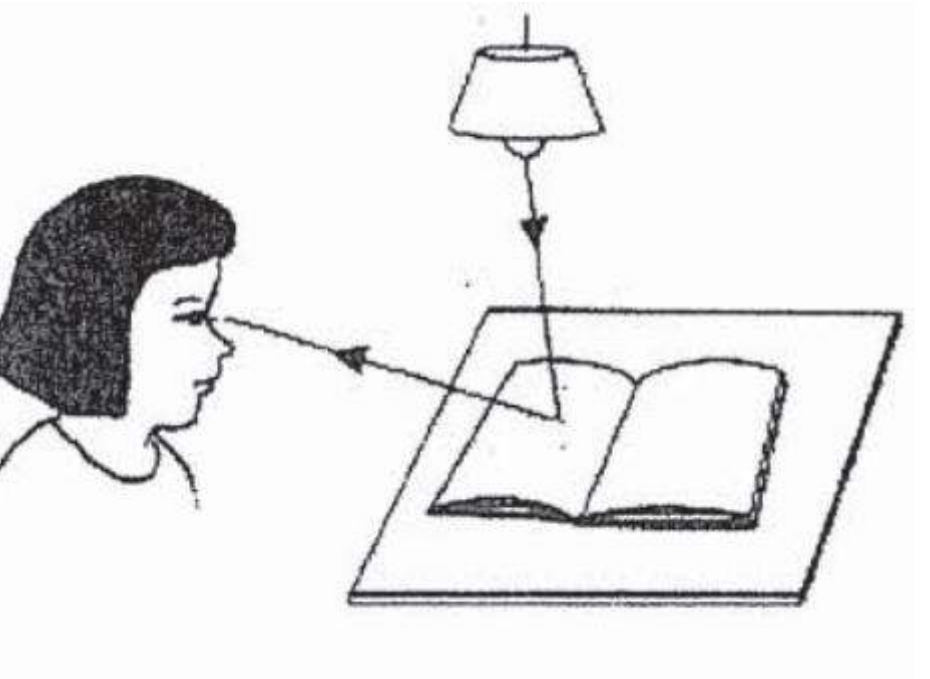
B)



C)



D)



Question 9 of 64

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

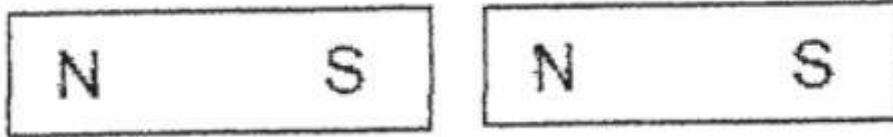
Question 10 of 64

Primary 4 Science (Term 4)

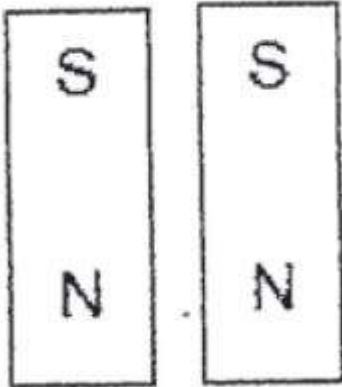
2 pts

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

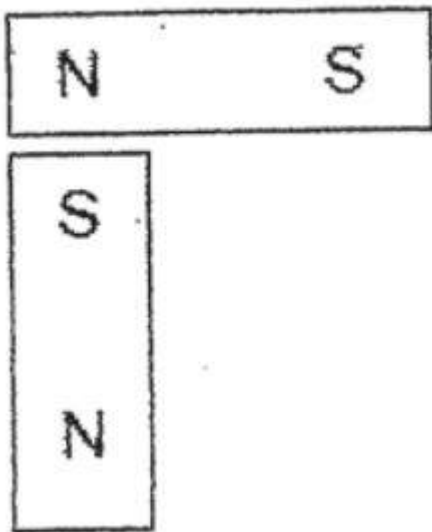
A)



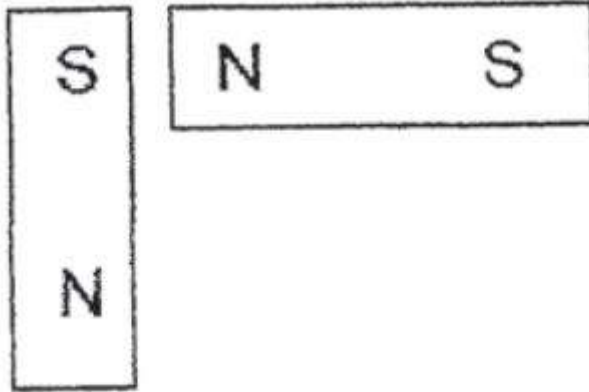
B)



C)



D)



Question 11 of 64

Primary 4 Science (Term 4)

2 pts

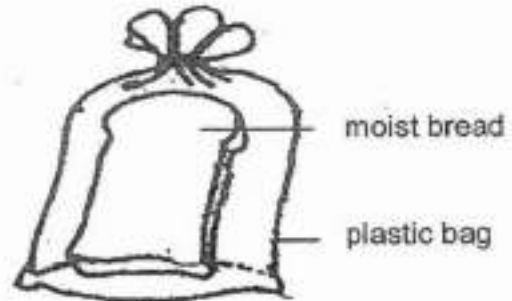
Mary set up an experiment as shown below. The toasted bread was allowed to cool down before it was placed into the plastic bag.

Set-up A



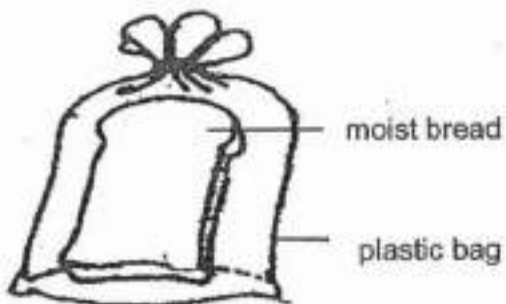
placed in the cupboard

Set-up B



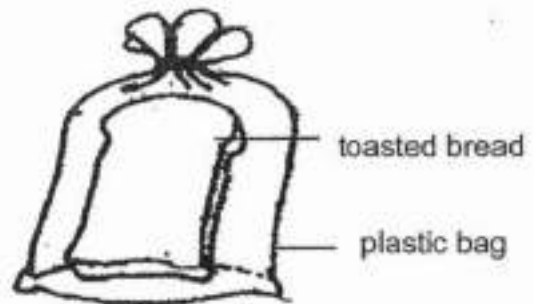
placed near the window

Set-up C



placed in the freezer

Set-up D



placed near the window

In which set-up would mould most likely grow first on the bread?

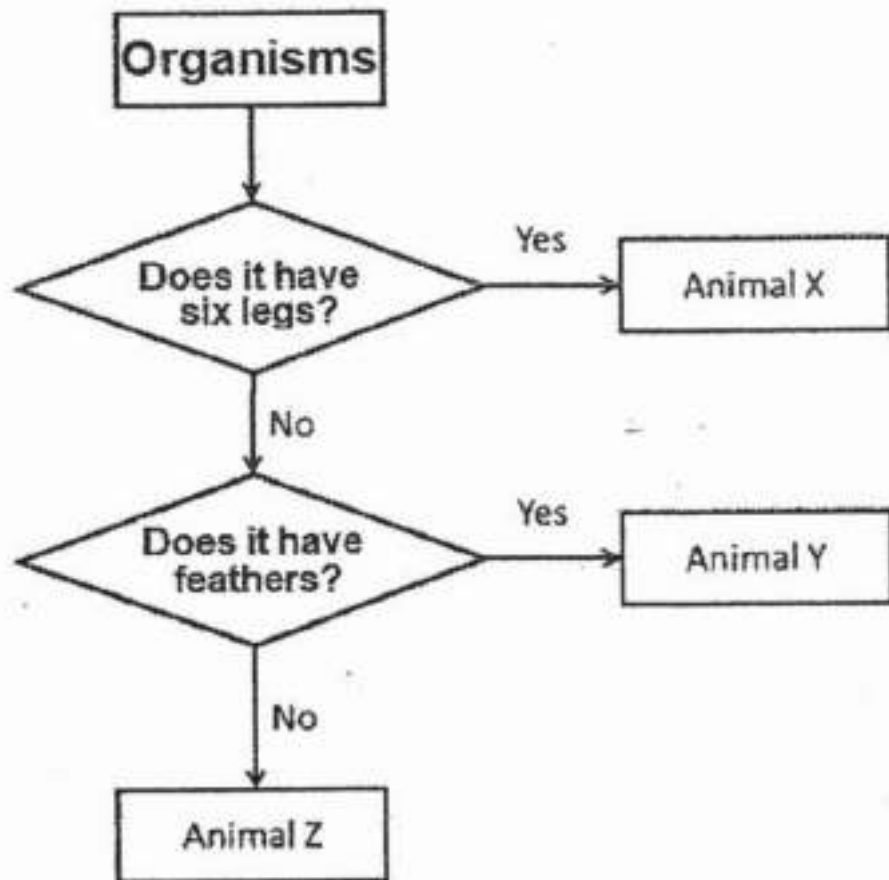
- A) A
- B) B
- C) C
- D) D

Question 12 of 64

Primary 4 Science (Term 4)

2 pts

Study the flow chart below about Animals X, Y and Z carefully.



What could Animal X, Y and Z be?

- A)

Animal X	Animal Y	Animal Z
mammal	insect	bird
- B)

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 13 of 64

Primary 4 Science (Term 4)

2 pts

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

- A)

System	Organ
skeletal	large intestine
- B)

System	Organ
respiratory	windpipe
- C)

System	Organ
circulatory	heart
- D)

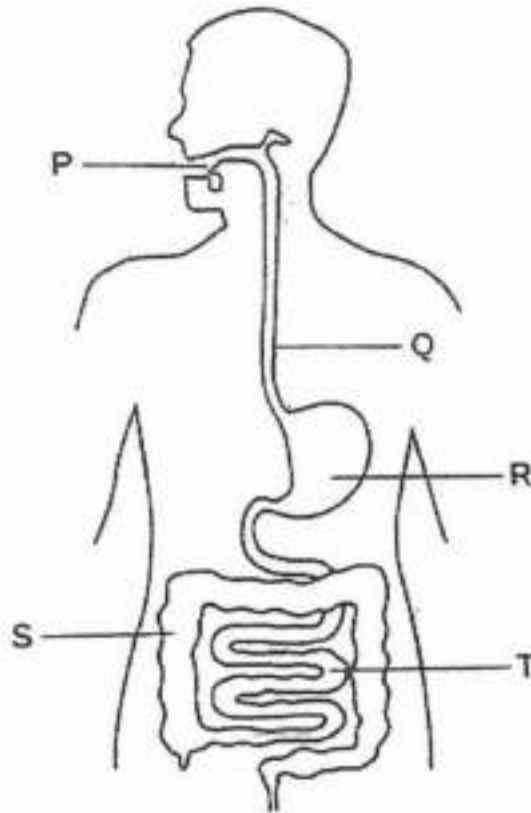
System	Organ
digestive	stomach

Question 14 of 64

Primary 4 Science (Term 4)

2 pts

Study the human body system below.



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

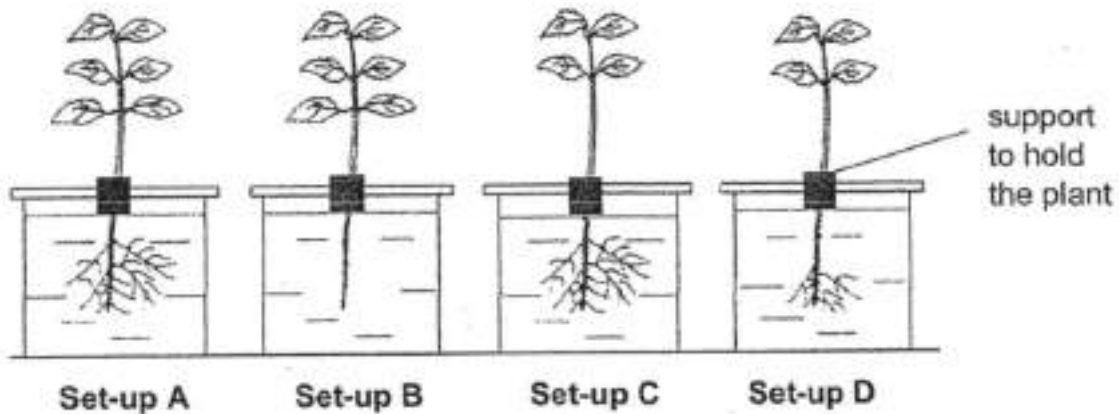
- A) R and T
- B) P and Q
- C) R and S
- D) Q and S

Question 15 of 64

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?

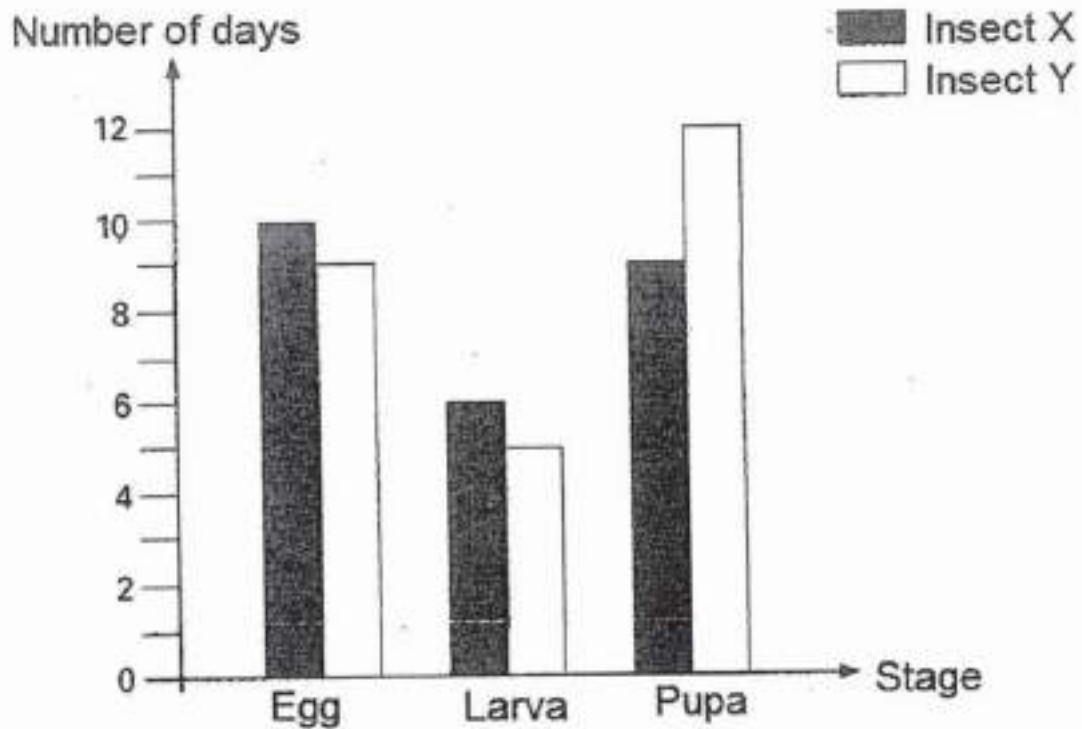
-
- A) A and B
 - B) B and C
 - C) A and C
 - D) B and D

Question 16 of 64

Primary 4 Science (Term 4)

2 pts

The graph below shows how long each stage in the life cycle of Insect X and Insect Y lasts.



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	Pupa
- B)

Insect X	Insect Y
Pupa	Larva
- C)

Insect X	Insect Y
Larva	Larva
- D)

Insect X	Insect Y
Pupa	Pupa

Question 17 of 64

Primary 4 Science (Term 4) 2 pts

Devi placed four similar seeds under the following conditions as shown below. A tick (✓) represents the presence of the condition.

Set-up	Condition			
	Air	Light	Water	Temperature (°C)
P		✓		30
Q	✓		✓	30
R	✓	✓		3
S			✓	3

In which set-up will the seed germinate first?

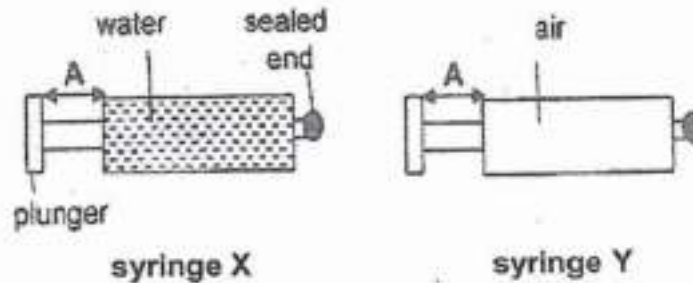
-
- A) P
- B) Q
- C) R
- D) S

Question 18 of 64

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
- C)

Syringe X	Syringe Y
6 cm	4 cm
- D)

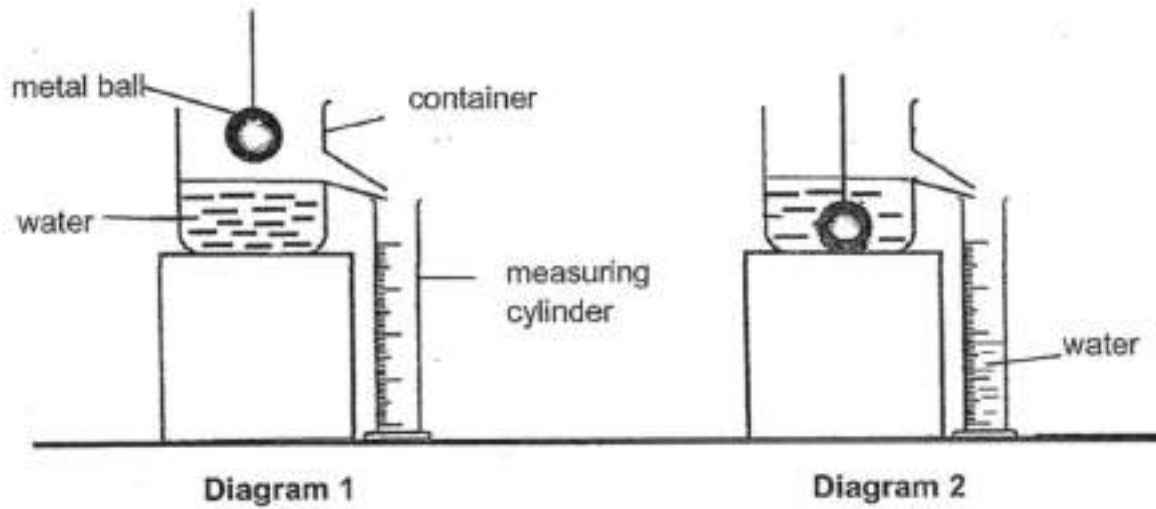
Syringe X	Syringe Y
6 cm	6 cm

Question 19 of 64

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 _____.

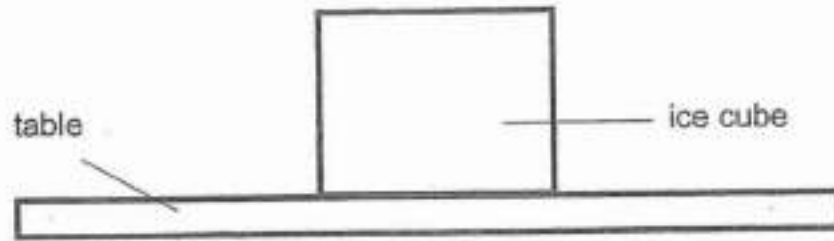
- A) water has mass
- B) metal ball has mass
- C) metal ball has a definite volume
- D) metal ball has a definite shape

Question 20 of 64

Primary 4 Science (Term 4)

2 pts

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)

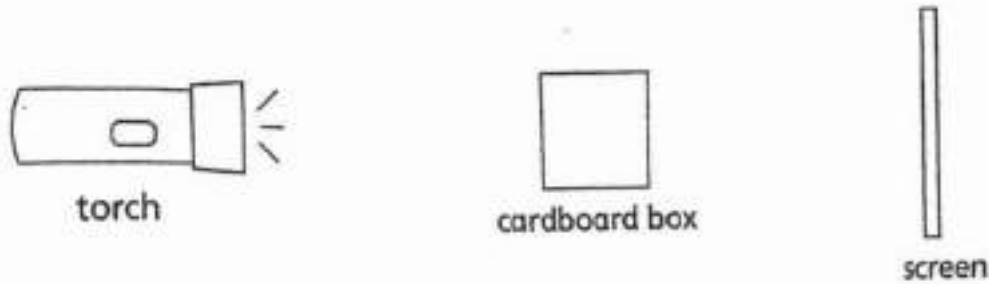
Change in state of matter of the ice cube	Heat gain by the ice cube
Yes	No
- D)

Change in state of matter of the ice cube	Heat gain by the ice cube
Yes	Yes

Question 21 of 64

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.



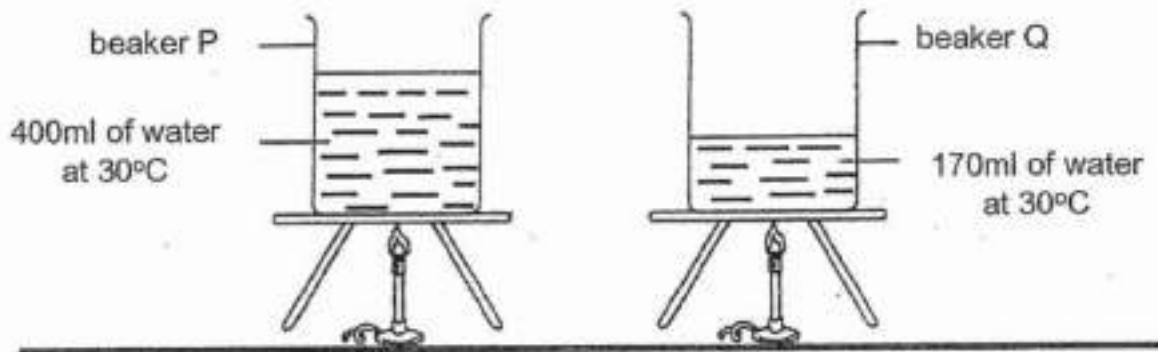
To make the shadow bigger, you should move the _____.

- 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 22 of 64

Primary 4 Science (Term 4) 2 pts

Study the following set-ups.



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

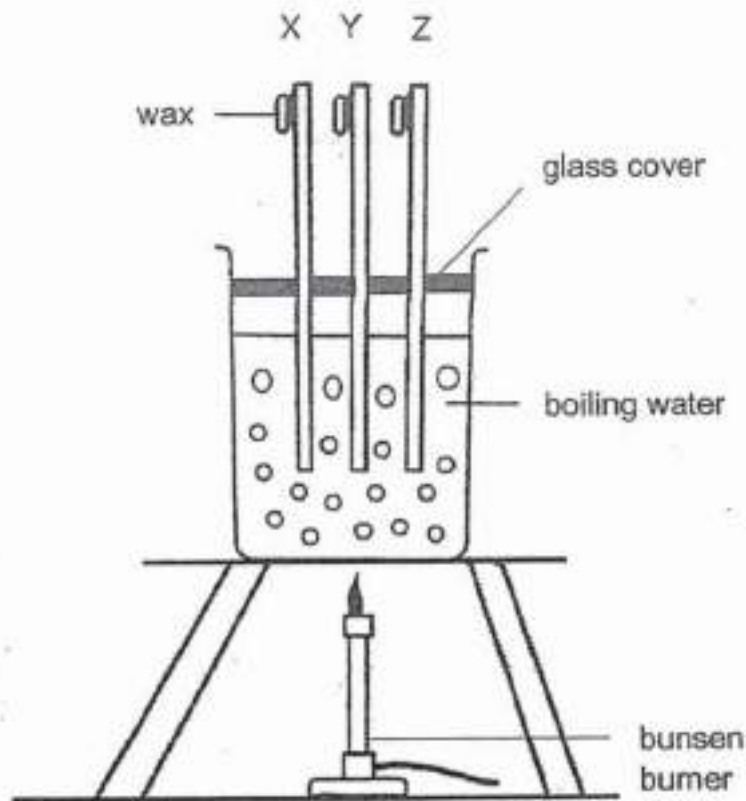
- A) The water in beaker Q would boil first.
- B) The water in both beakers would boil at the same time.
- C) The water in beaker P had a higher temperature when it boils.
- D) The water in both beakers have different temperature when they boil.

Question 23 of 64

Primary 4 Science (Term 4)

2 pts

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?

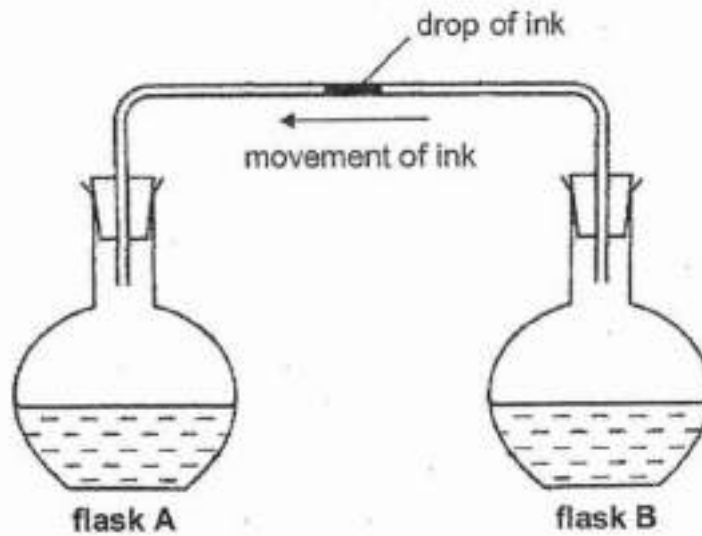
- A) Material Y is the best conductor of heat.
- B) Material Z conducts heat better than Material X.
- C) Material Z is the poorest conductor of heat.
- D) Material X is a poorer conductor of heat than Material Y.

Question 24 of 64

Primary 4 Science (Term 4)

2 pts

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)

A	B
10°C	10°C
- B)

A	B
90°C	90°C
- C)

A	B
90°C	10°C
- D)

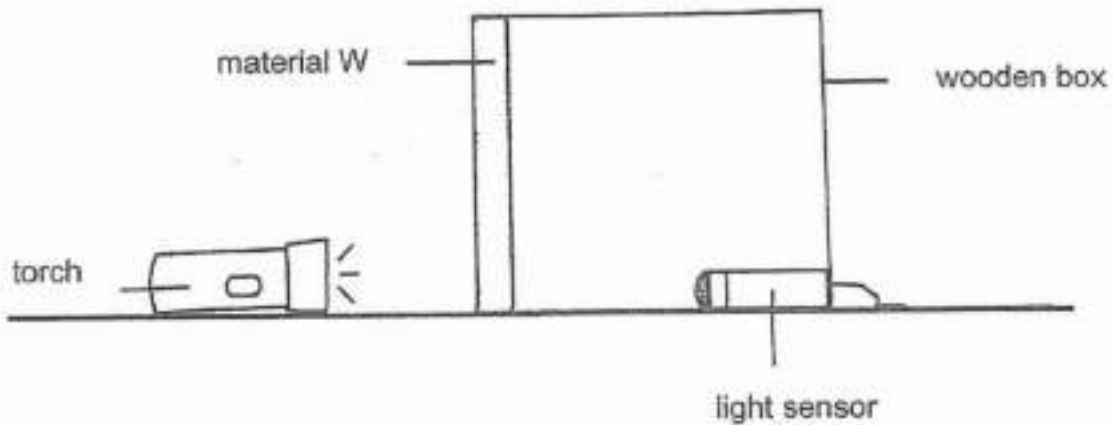
A	B
10°C	90°C

Question 25 of 64

Primary 4 Science (Term 4)

2 pts

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



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 W	Material X	Material Y	Material 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?

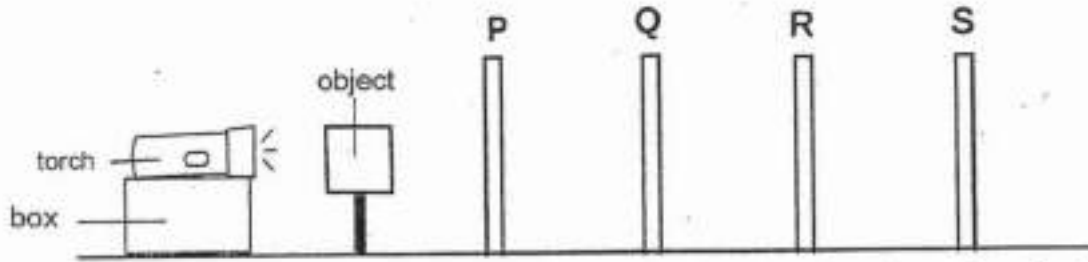
- A) Material W
- B) Material X
- C) Material Y
- D) Material Z

Question 26 of 64

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?

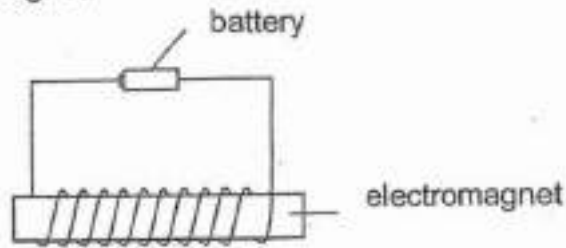
- A)
- | | | |
|-----------------------------------|--------------------------------------|----------------------|
| Allows most light to pass through | Does not allow light to pass through | Not possible to tell |
| P and Q | R | S |
- B)
- | | | |
|-----------------------------------|--------------------------------------|----------------------|
| Allows most light to pass through | Does not allow light to pass through | Not possible to tell |
| P | Q and R | S |
- C)
- | | | |
|-----------------------------------|--------------------------------------|----------------------|
| Allows most light to pass through | Does not allow light to pass through | Not possible to tell |
| P | Q | R and S |
- D)
- | | | |
|-----------------------------------|--------------------------------------|----------------------|
| Allows most light to pass through | Does not allow light to pass through | Not possible to tell |
| P and Q | S | R |

Question 27 of 64

Primary 4 Science (Term 4)

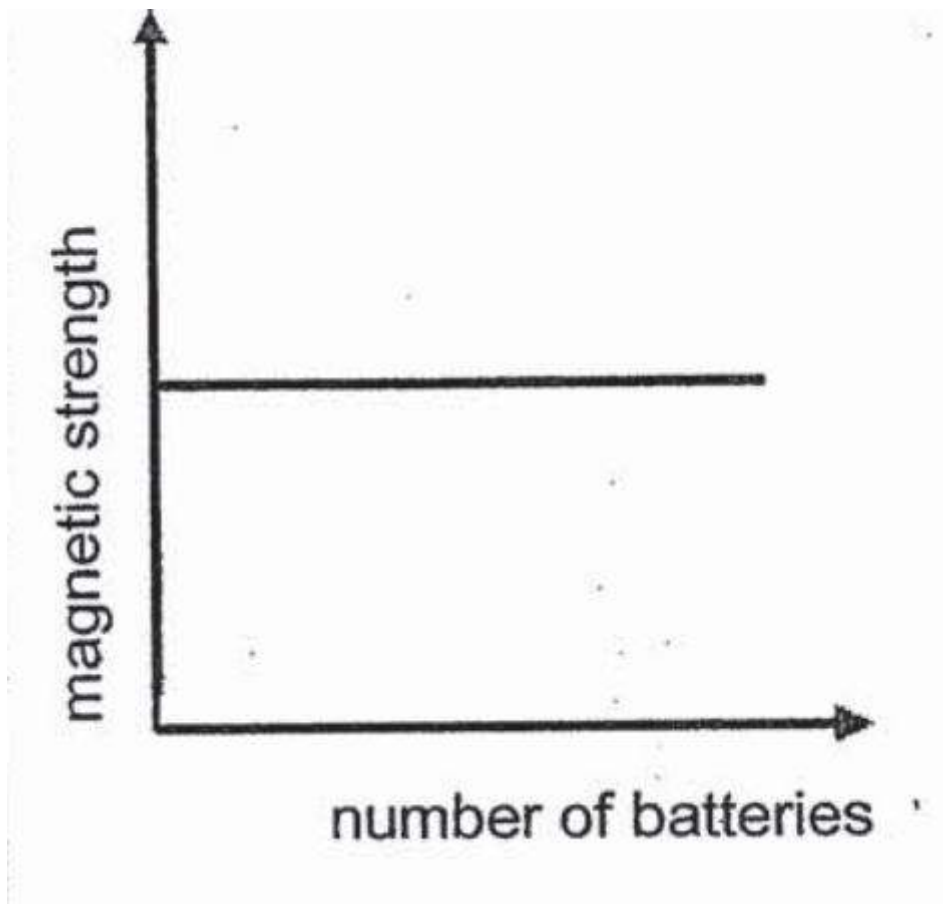
2 pts

Randy used the set-up below to find out if the number of batteries affects the strength of an electromagnet.

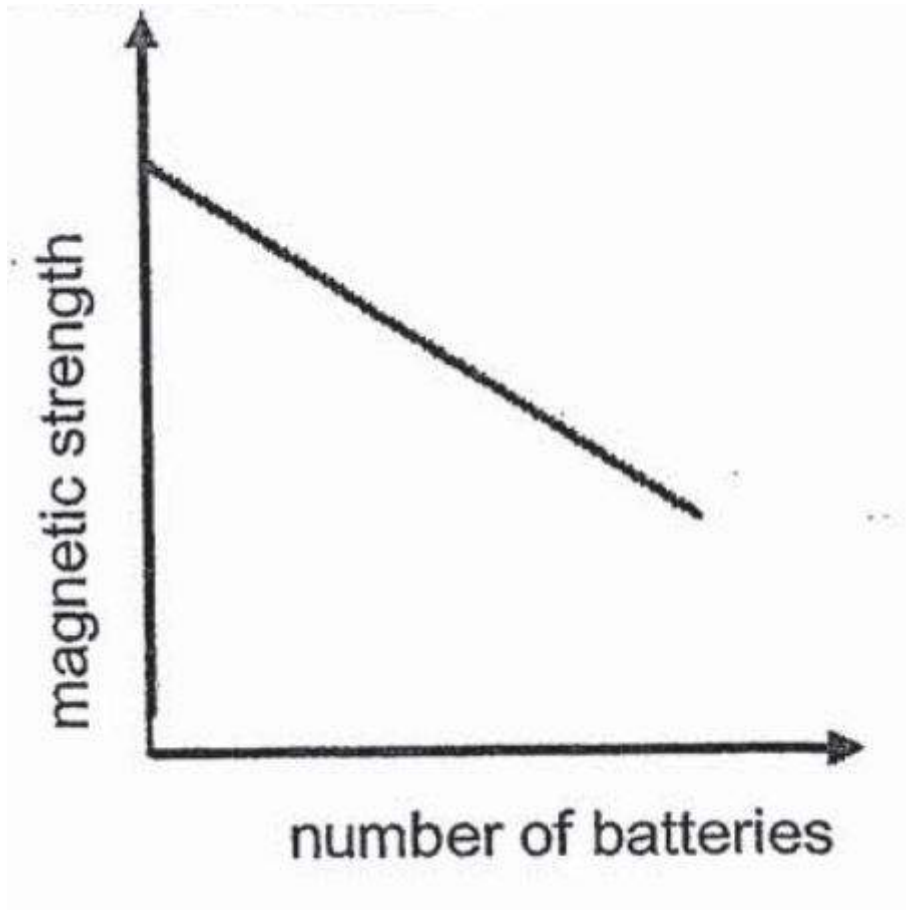


Which one of the following graphs would show the correct result of the experiment?

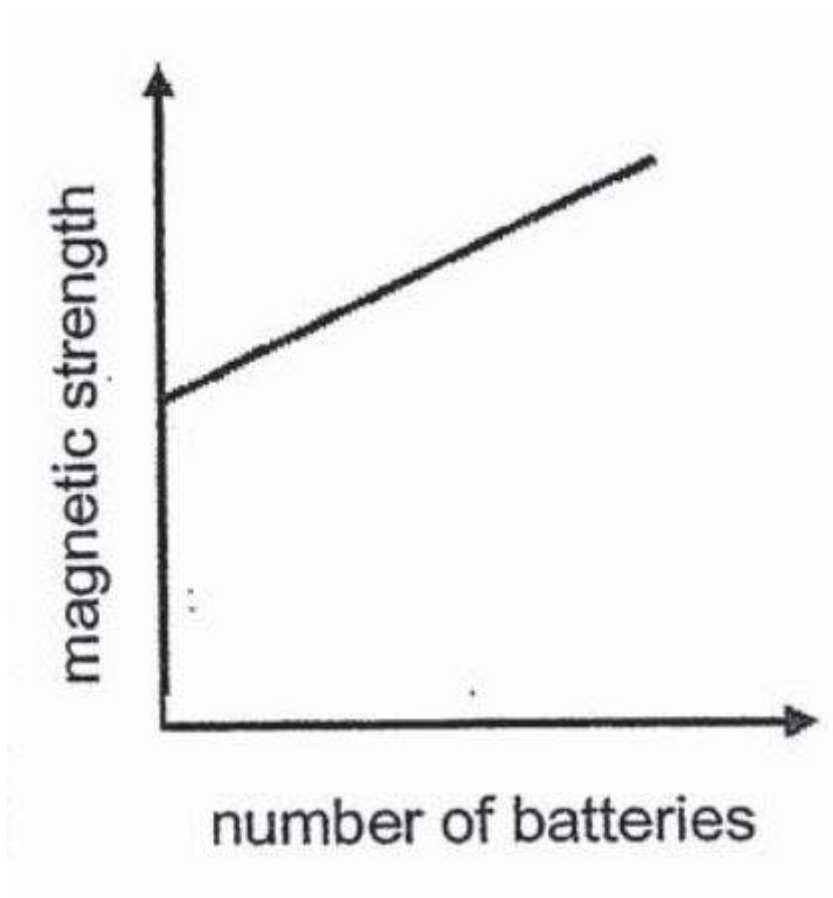
A)



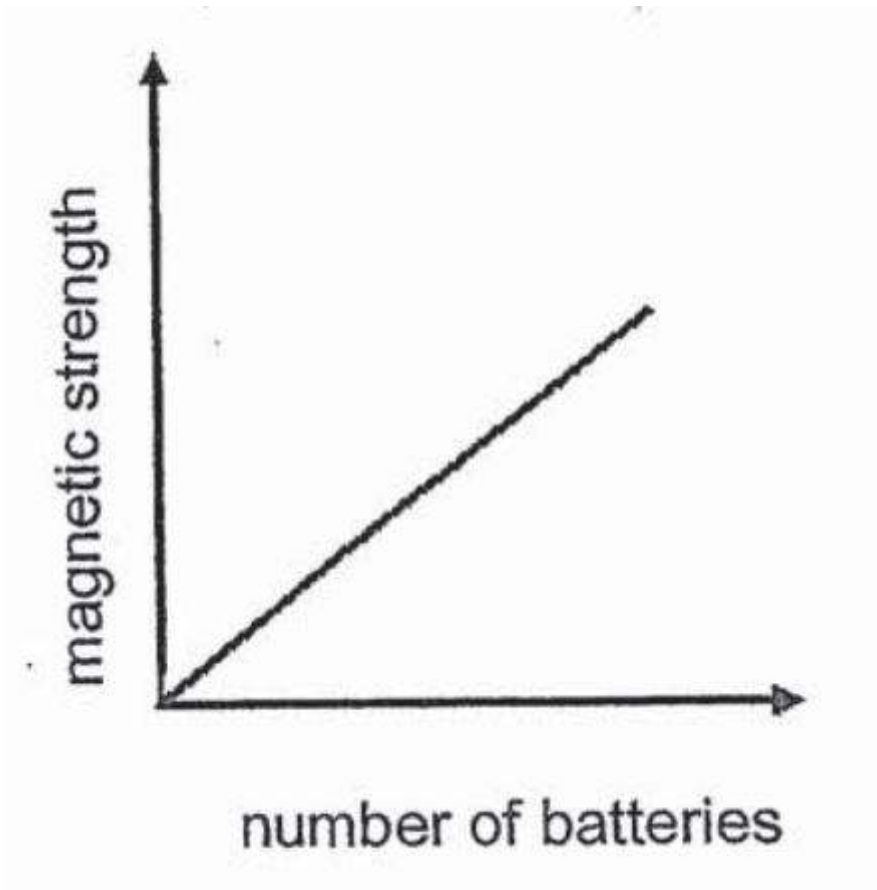
B)



c)



d)

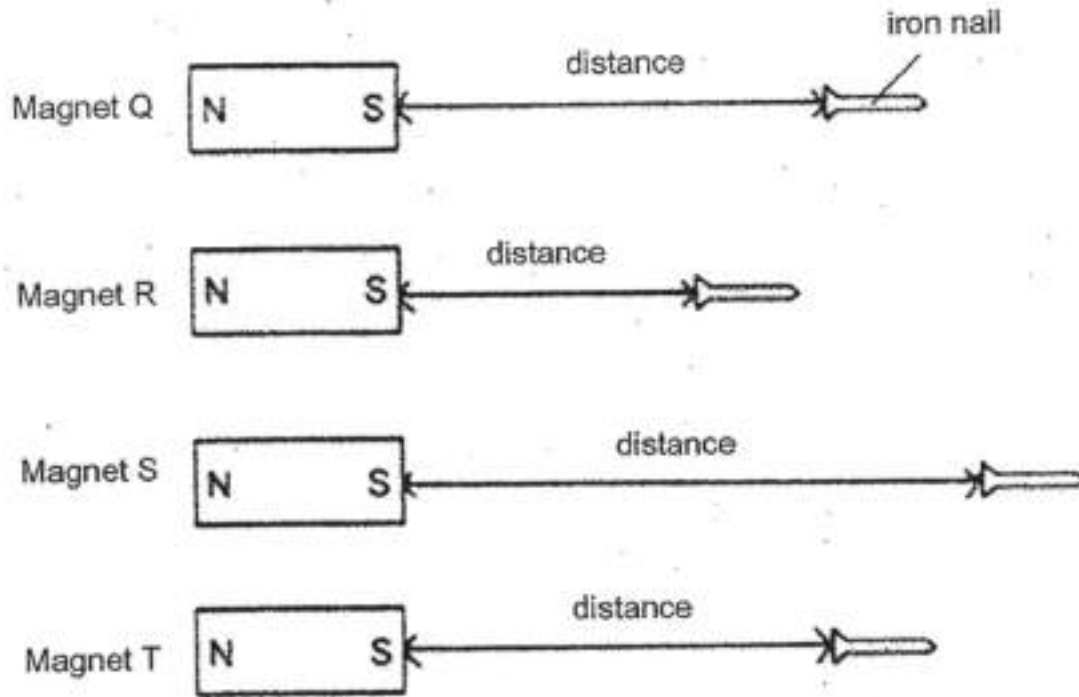


Question 28 of 64

Primary 4 Science (Term 4) 2 pts

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

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
- D)

Strongest magnet	Weakest magnet
S	R

Question 29 of 64

Primary 4 Science (Term 4)

2 pts

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

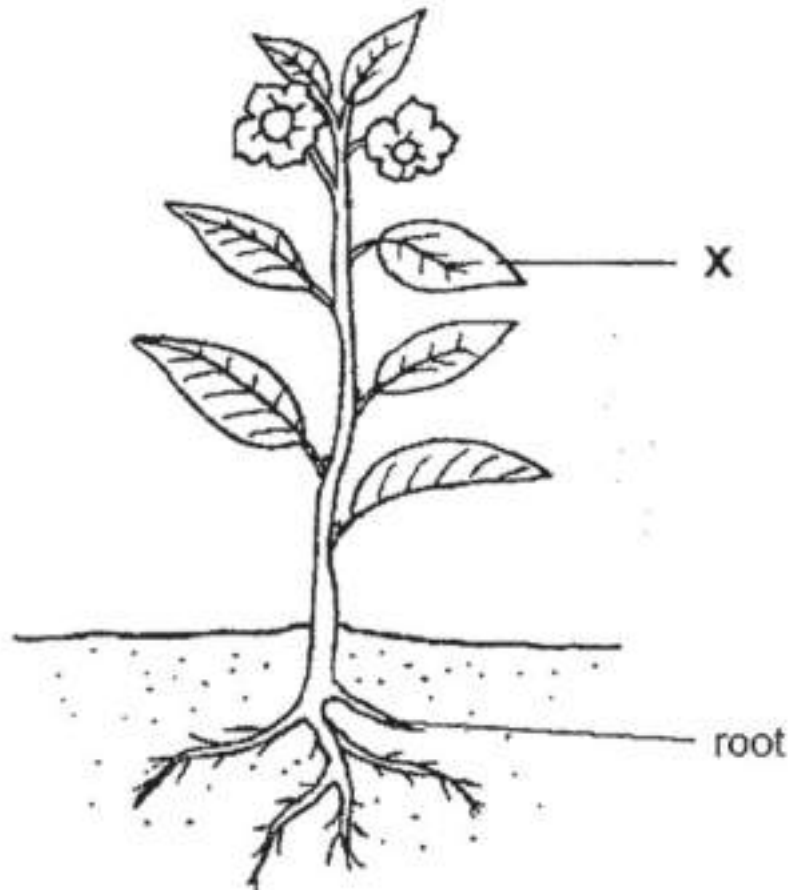
Group	Characteristics
i)	Body covered with hair
ii)	Dry skin with scales

Question 30 of 64

Primary 4 Science (Term 4)

1 pt

The diagram shows a plant.



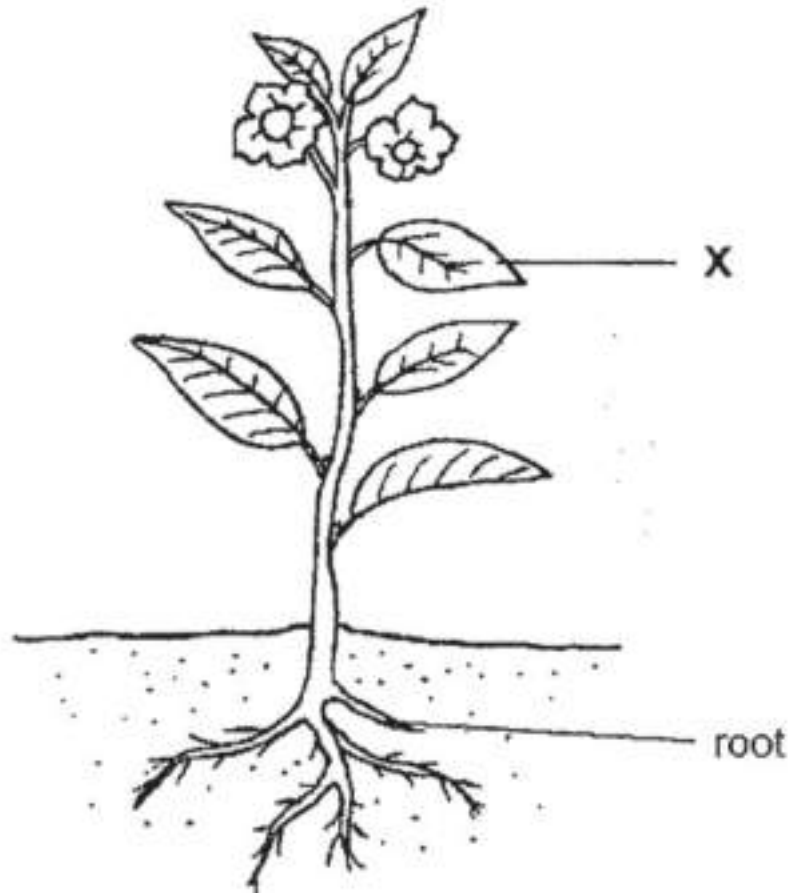
Name plant part X.

Question 31 of 64

Primary 4 Science (Term 4)

1 pt

The diagram shows a plant.



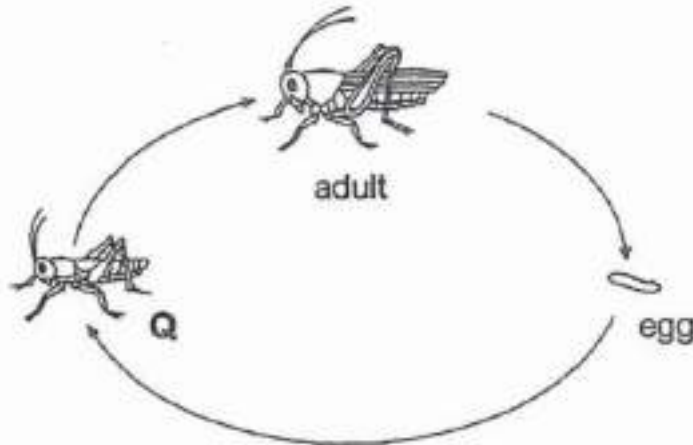
One substance that the roots of plant take in from the soil is _____.

Question 32 of 64

Primary 4 Science (Term 4)

1 pt

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



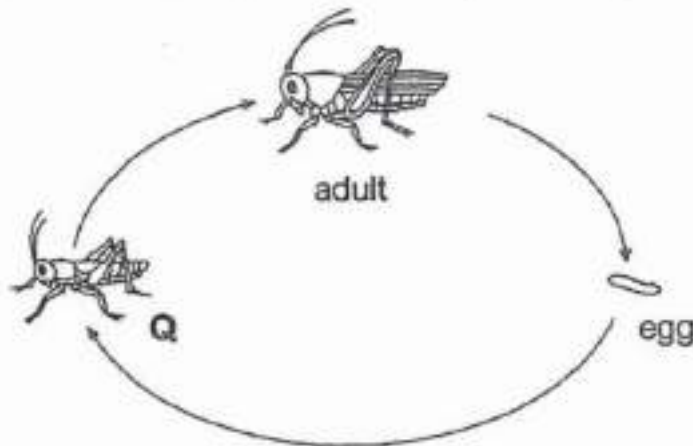
Name stage Q.

Question 33 of 64

Primary 4 Science (Term 4)

1 pt

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

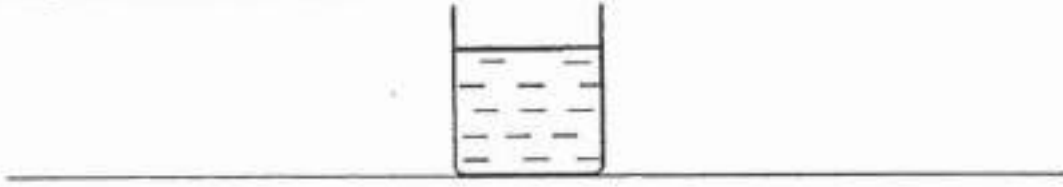


State one other animal that has a similar life cycle as a grasshopper.

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Primary 4 Science (Term 4) 2 pts

The diagram shows a beaker of water.



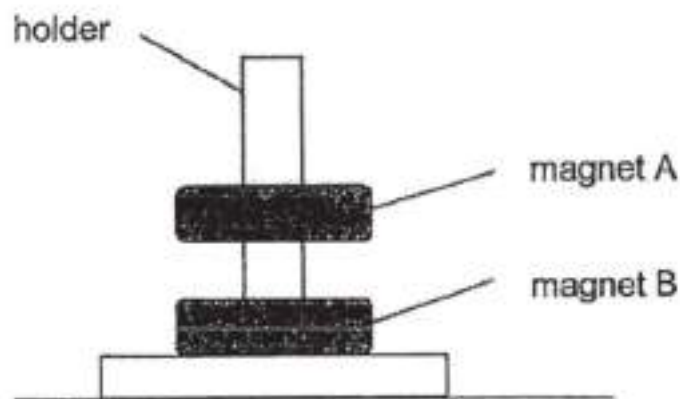
Fill in the blanks using the correct words from the list.

- | | | |
|--------|---|----------------------|
| 1. [] | When heat is removed from the water, its temperature _____. | A. Remains unchanged |
| 2. [] | The beaker of water is put in the freezer. After some time, the water will change its state to become _____ | B. Solid |
| | | C. Gas |
| | | D. Increases |
| | | E. Decreases |

Question 35 of 64

Primary 4 Science (Term 4) 1 pt

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



The holder was made of wood and did not attract the magnets.

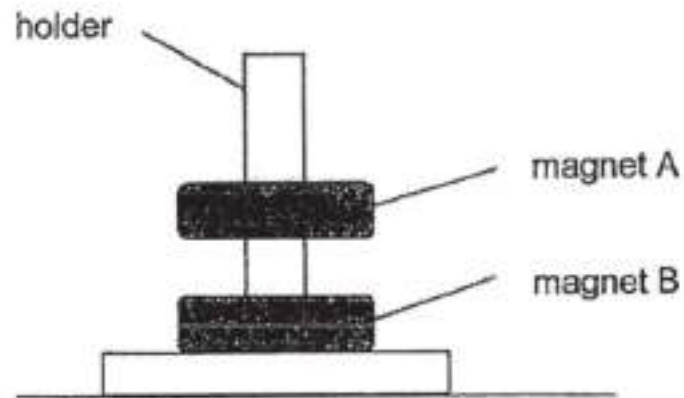
Wood is a _____ material.

Question 36 of 64

Primary 4 Science (Term 4)

1 pt

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



Why was magnet A floating above magnet B?

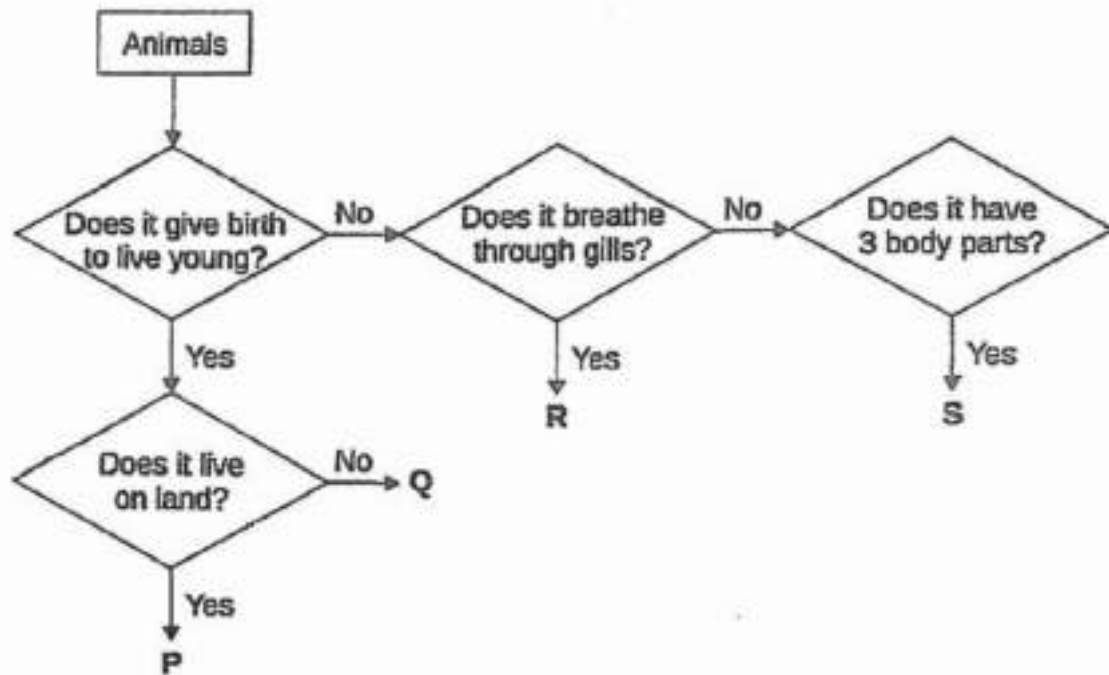
Magnet B was _____ magnet A.

Question 37 of 64

Primary 4 Science (Term 4)

0 pts

Study the flow chart below.



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.

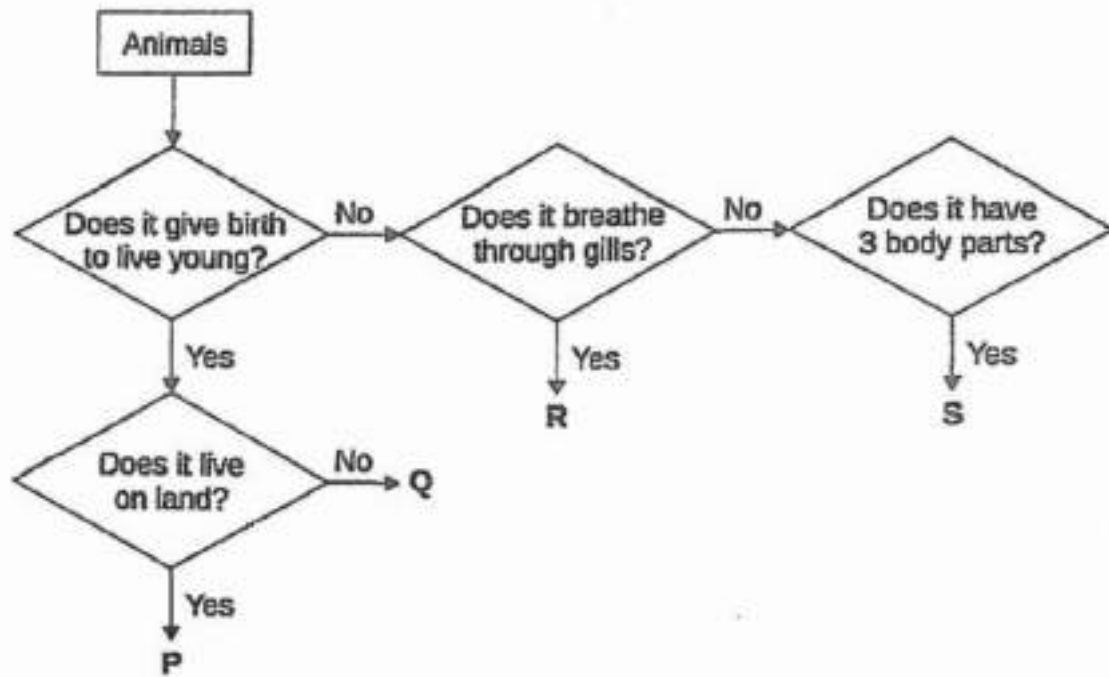
Grading: This question type is not graded on this system and will not affect the final score as it was designed in such a way that it requires manual assistance.

Question 38 of 64

Primary 4 Science (Term 4)

2 pts

Study the flow chart below.



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

1. [] Goldfish

A. Q

2. [] Dog

B. P

C. R

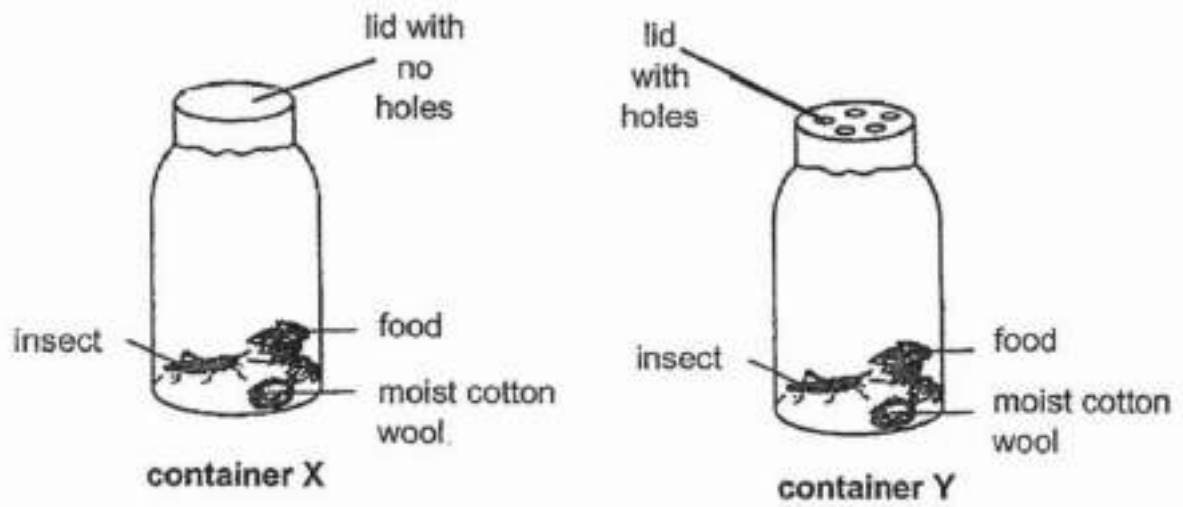
D. S

Question 39 of 64

Primary 4 Science (Term 4)

1 pt

Gopal carried out an experiment as shown below.



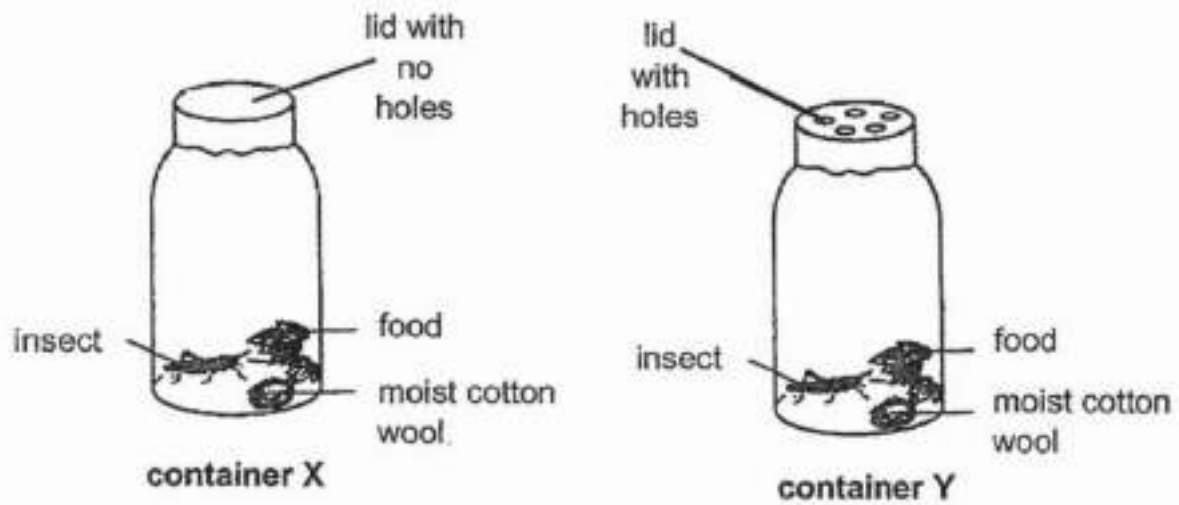
Which insect in container X or Y will likely to die first?

Question 40 of 64

Primary 4 Science (Term 4)

0 pts

Gopal carried out an experiment as shown below.



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.

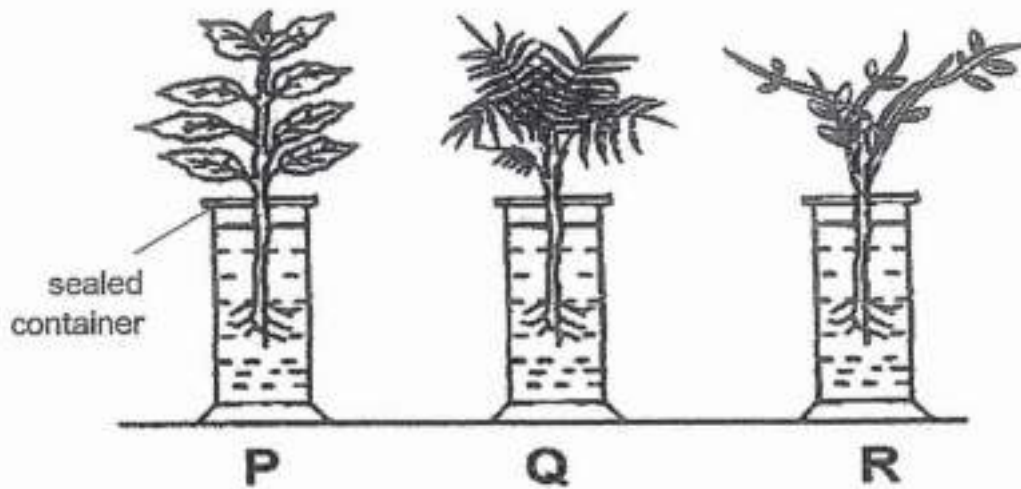
Grading: This question type is not graded on this system and will not affect the final score as it was designed in such a way that it requires manual assistance.

Question 41 of 64

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.

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

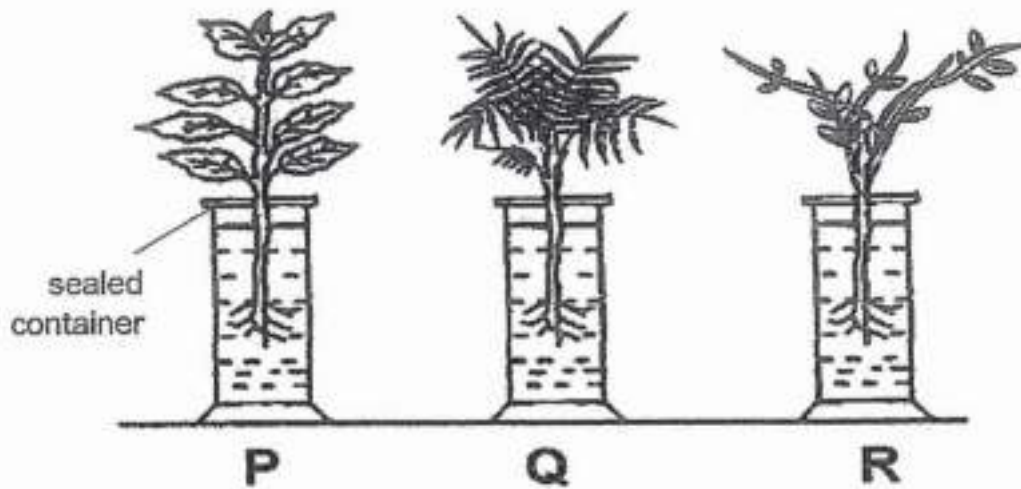
Which one of the set-ups, P, Q or R, contained the plant made of plastic?

Question 42 of 64

Primary 4 Science (Term 4)

0 pts

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.

Set-up	Amount of water left in the container (ml)	
	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.

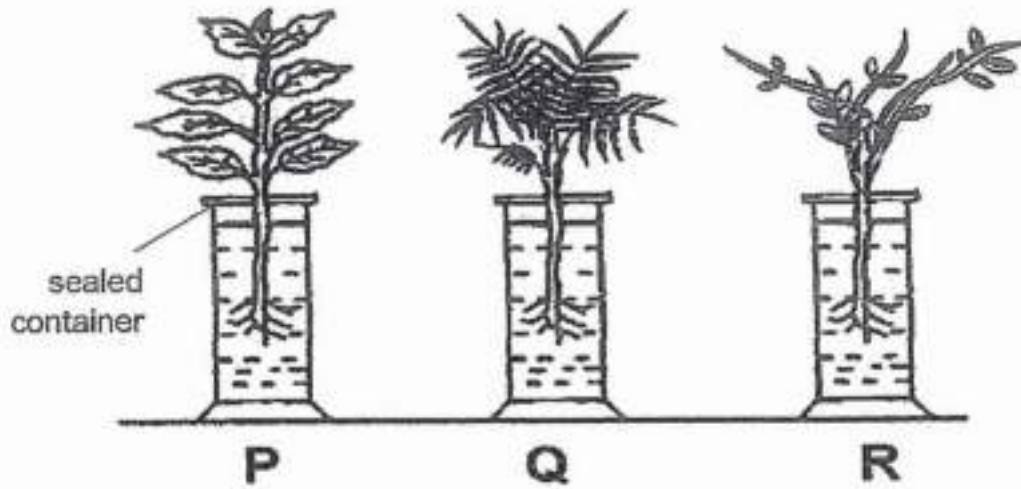
Grading: This question type is not graded on this system and will not affect the final score as it was designed in such a way that it requires manual assistance.

Question 43 of 64

Primary 4 Science (Term 4)

1 pt

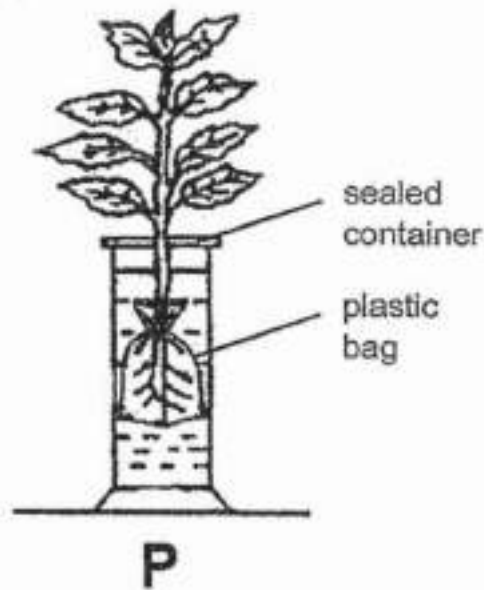
Luke placed different types of plants in three identical sealed containers of water, P, Q and R. One of the plants was made of plastic.



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.

Set-up	Amount of water left in the container (ml)	
	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 15ml

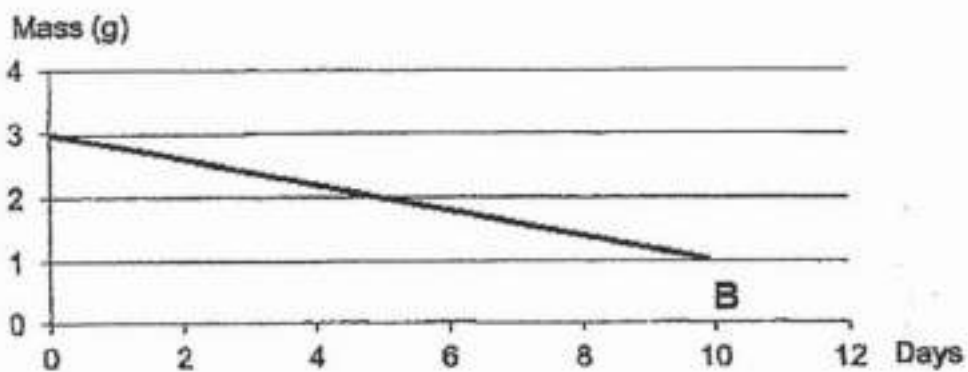
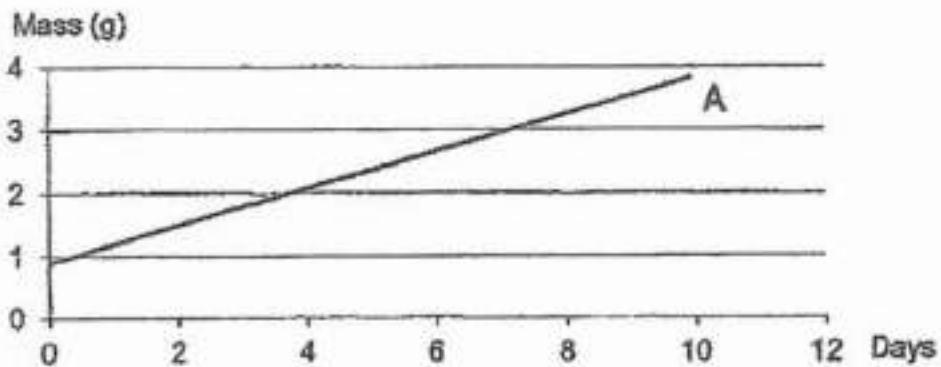
- A) Less than 15ml
 B) Remain the same at 15ml
 C) Greater than 15ml

Question 44 of 64

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.



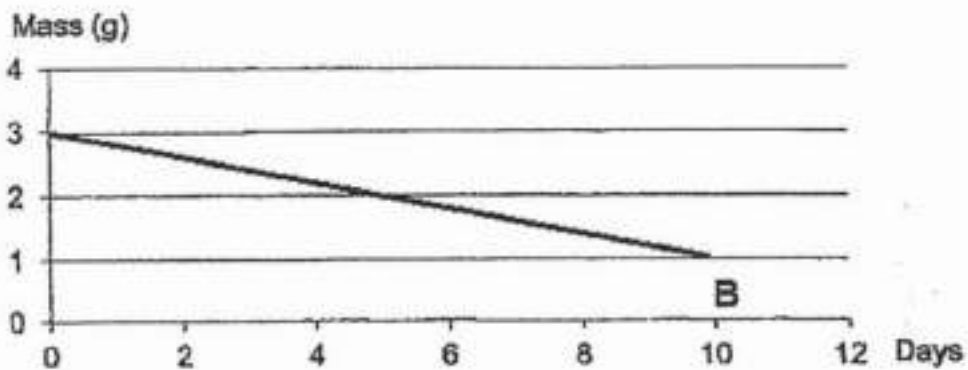
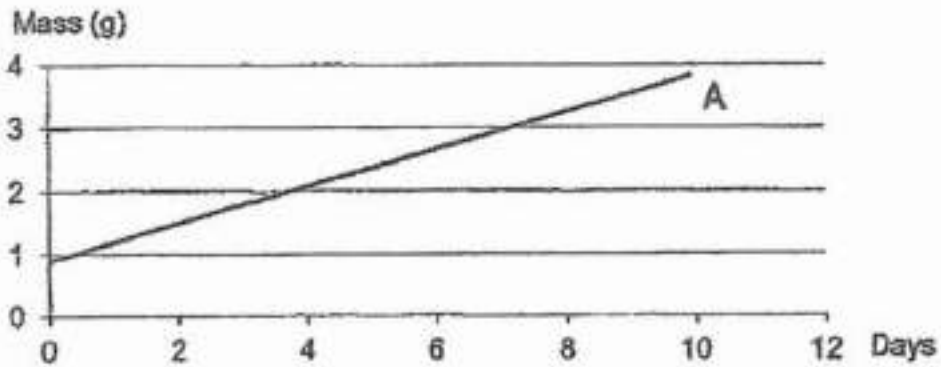
After a seed germinates, which part of the seedling will grow out of the seed first?

Question 45 of 64

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.

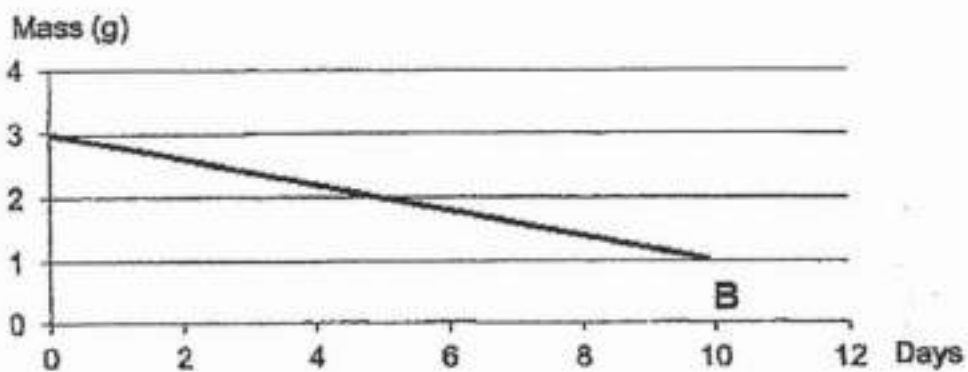
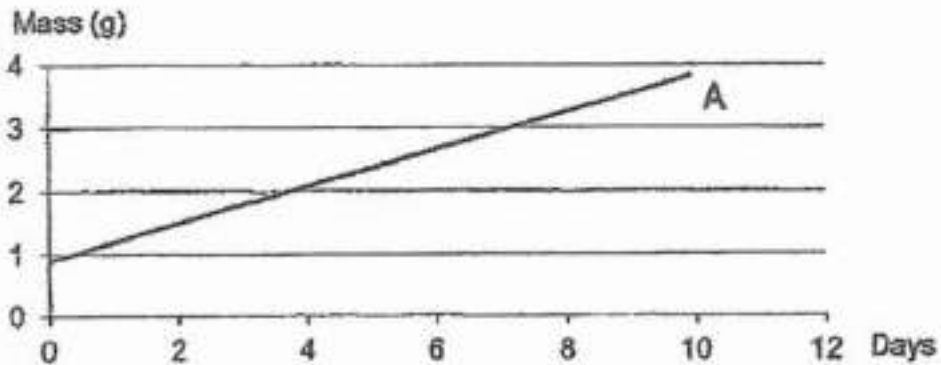


Which graph A or B, correctly shows the mass of the seed leaf as the seed germinates into a seedling?

Question 46 of 64

Primary 4 Science (Term 4) 0 pts

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)

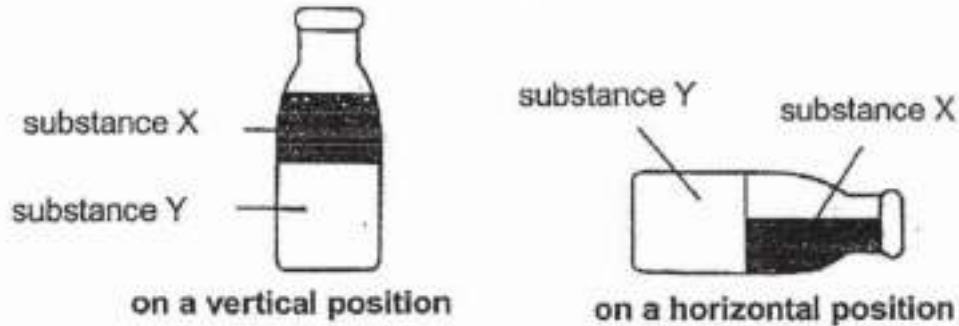
This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

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 47 of 64

Primary 4 Science (Term 4) 2 pts

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



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

1. Liquid

A. Substance X

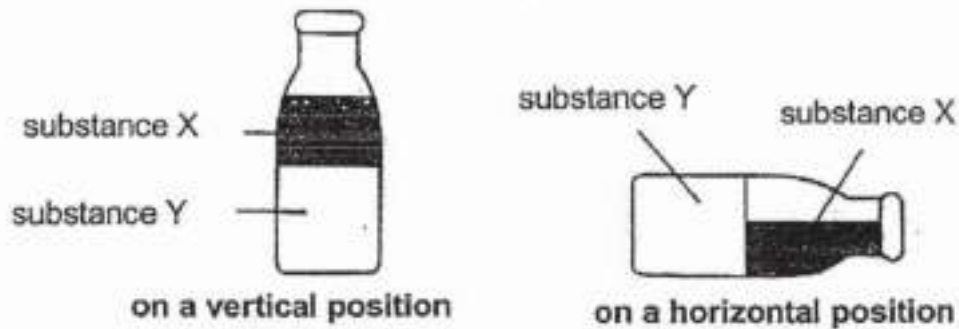
2. Solid

B. Substance Y

Question 48 of 64

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.

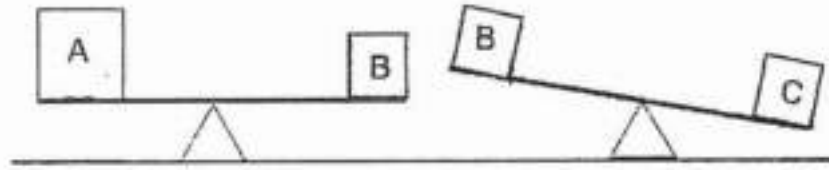
Grading: This question type is not graded on this system and will not affect the final score as it was designed in such a way that it requires manual assistance.

Question 49 of 64

Primary 4 Science (Term 4)

1 pt

Vinesh wanted to compare the mass of 3 objects, A, B and C. She placed them on a balance beam as shown in the diagram below.



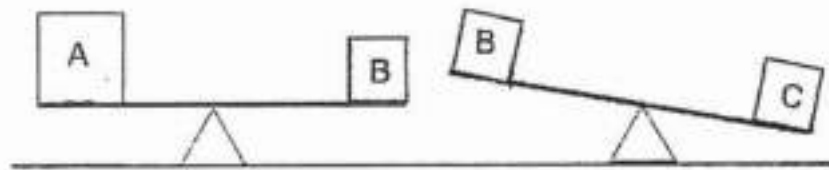
Which object A, B or C has the largest mass?

Question 50 of 64

Primary 4 Science (Term 4)

1 pt

Vinesh wanted to compare the mass of 3 objects, A, B and C. She placed them on a balance beam as shown in the diagram below.

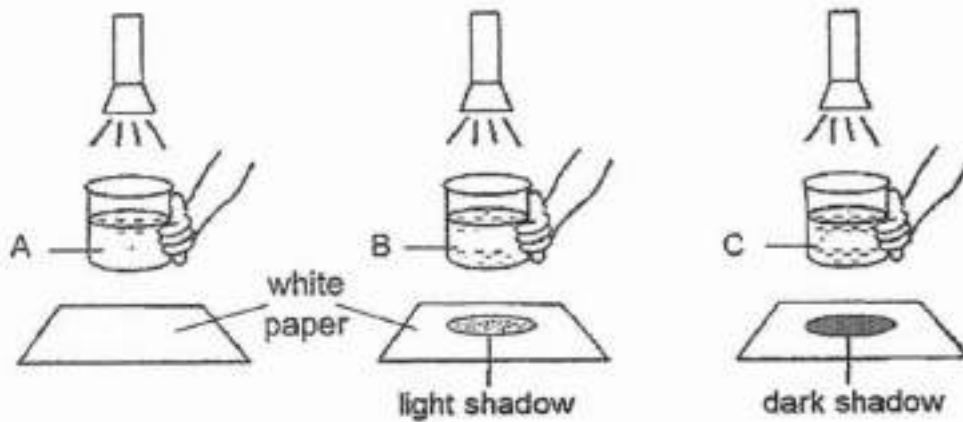


Which object A, B or C has the largest volume?

Question 51 of 64

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)

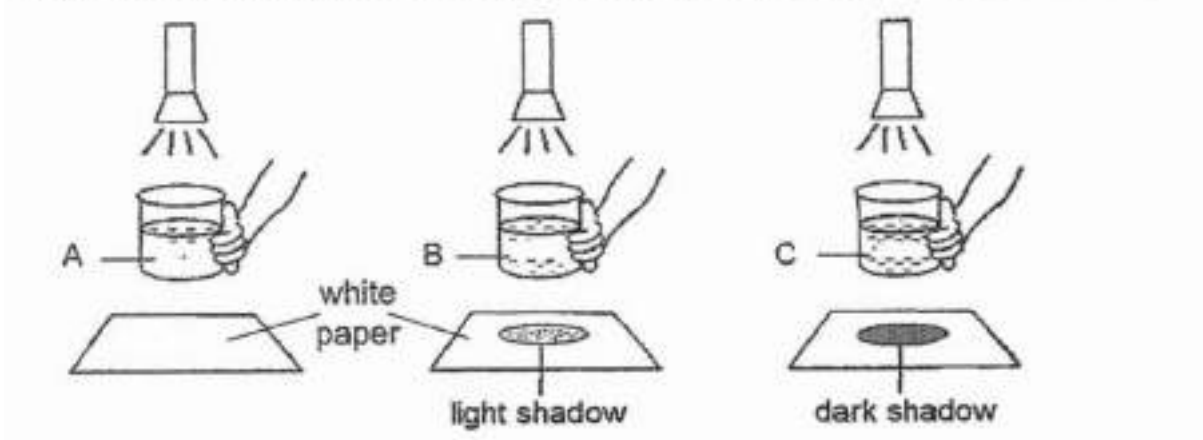
This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

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 52 of 64

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)

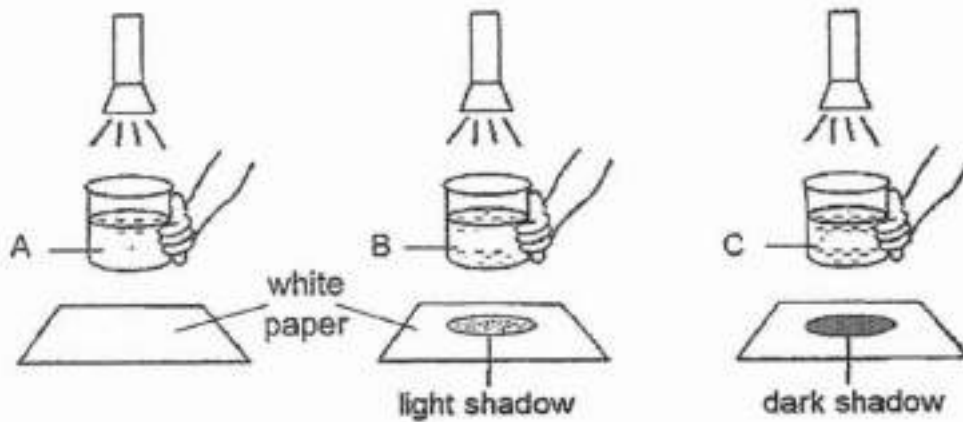
This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

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 53 of 64

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.



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

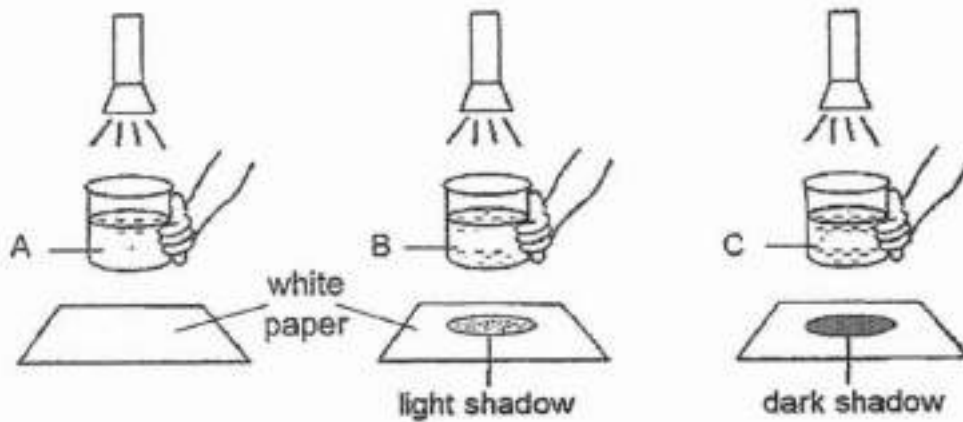
This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

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 54 of 64

Primary 4 Science (Term 4) 2 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.



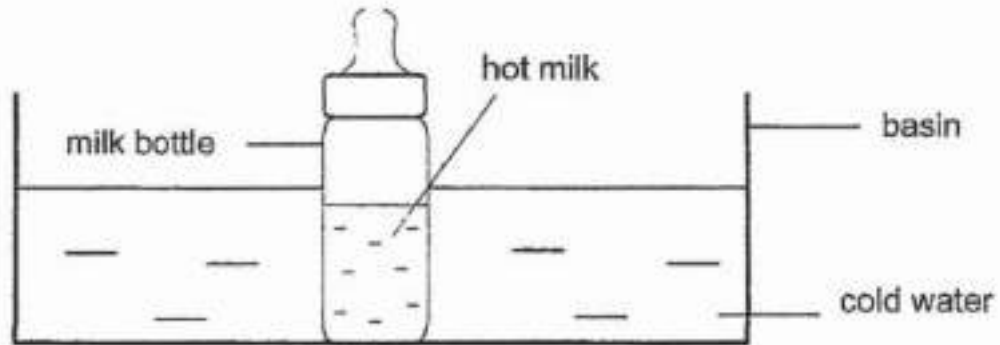
Choose the correct answer for each variable that Jamal kept the same to conduct a fair test.

- | | |
|--|----------------------|
| 1. <input type="checkbox"/> Brightness of the torch | A. Not Kept the same |
| 2. <input type="checkbox"/> Distance of the torch from the beakers | B. Kept the same |
| 3. <input type="checkbox"/> Types of liquid | |
| 4. <input type="checkbox"/> Amount of liquid used | |

Question 55 of 64

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.



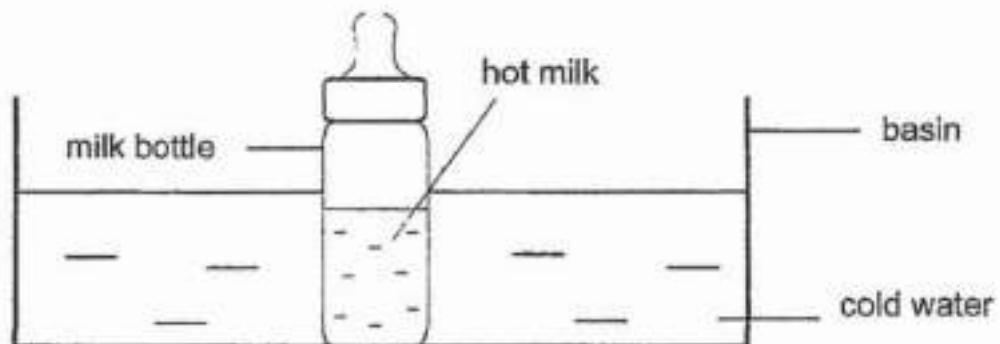
What will happen to the temperature of the milk after two minutes? Explain why? (2 marks)
This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

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 56 of 64

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)

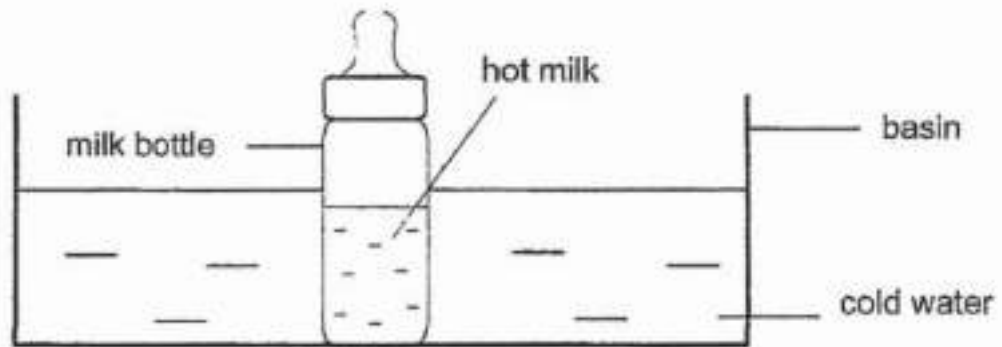
This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

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 57 of 64

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 and the cold water after an hour? (1 mark)

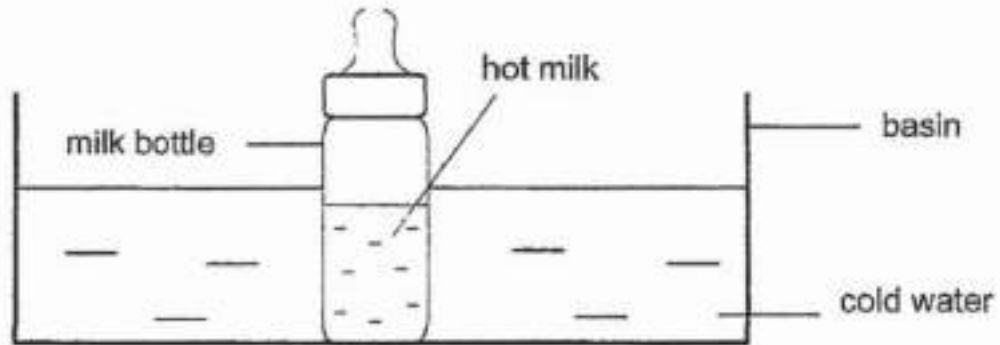
This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

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 58 of 64

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)

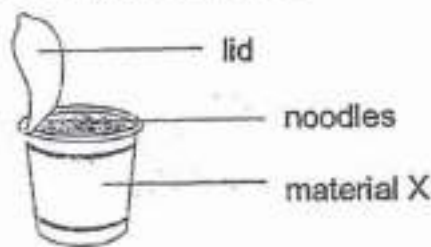
This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

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 59 of 64

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)

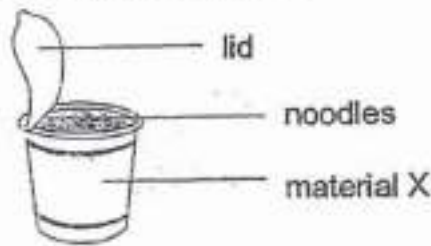
This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

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 60 of 64

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.



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

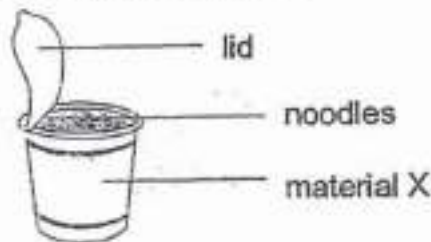
This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

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 61 of 64

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.



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

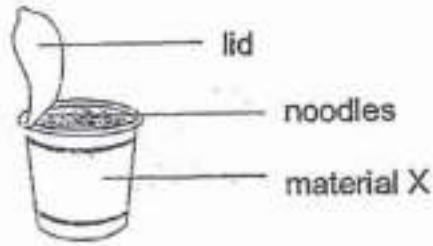
This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

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.

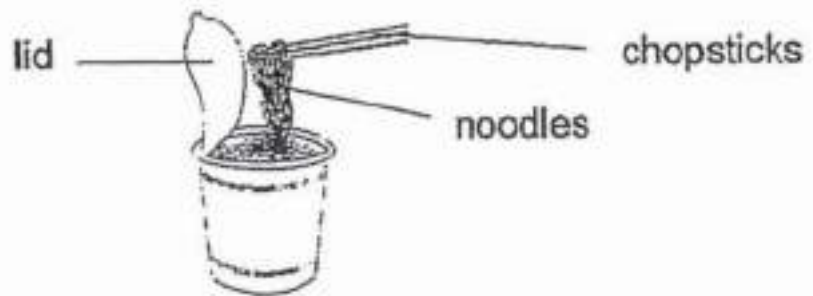
Question 62 of 64

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)

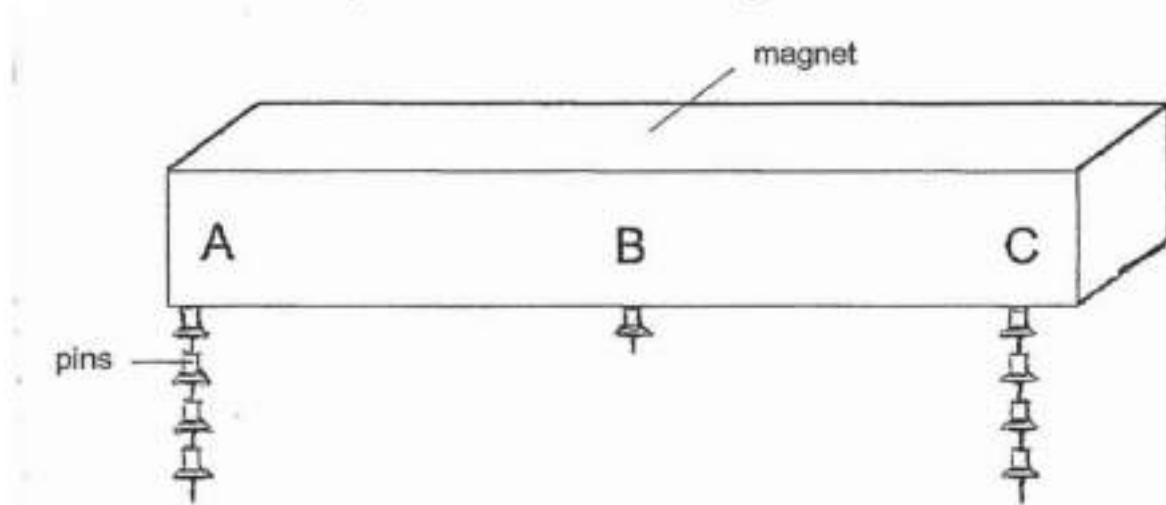
This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

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 63 of 64

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.



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

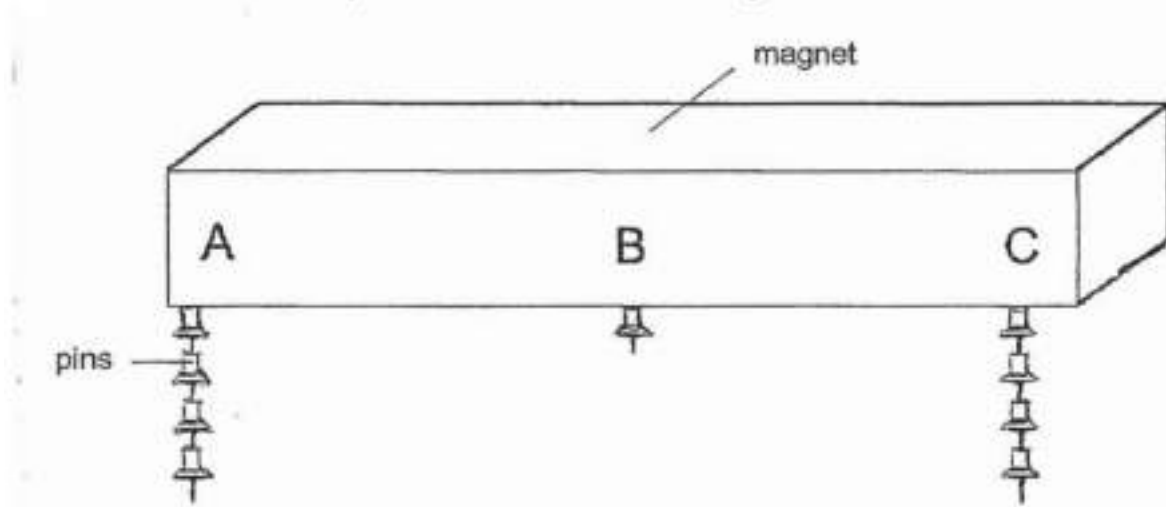
This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

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 64 of 64

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.