


 **Primary 4 Science (Term 4) - SCGS 2020** / Duplicate Print Delete Assign Test**Test Introduction**[+ Add Introduction](#)**62 Questions** (81 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, four options are given. One of them is the correct answer. (56 marks)

A tortoise hides itself in its shell when touched.



This shows that the tortoise is a living thing because it can _____.

- A) breathe
- B) grow
- C) reproduce
- ✓ D) respond

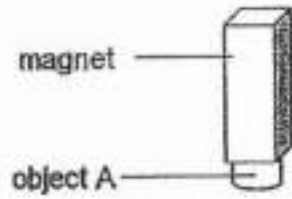
Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,307,637

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)**Question 2**

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Object A was attracted to a magnet as shown in the figure below.



Object A is made of _____.

- A) plastic
- B) wood
- ✓ C) steel
- D) rubber

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,307,641

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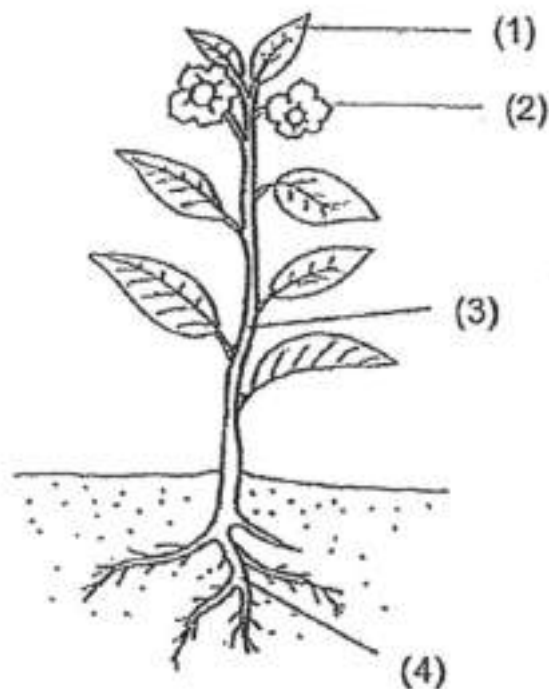
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Question 3

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Which part, (1), (2), (3) or (4), makes food for the plant?



- ✓ A) 1
- B) 2
- C) 3
- D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,307,643

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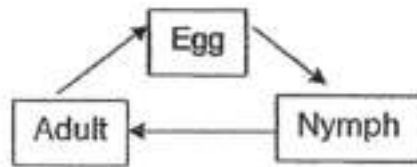
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Question 4

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The diagram below shows the life cycle of an animal.



Which animal is likely to have the life cycle as shown above?

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,307,648

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Question 5

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Which of the following is a source of light?

- A)



The Moon

✓ B)



A Candle Flame

C)



A Mirror

D)



A Leaf

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,307,654

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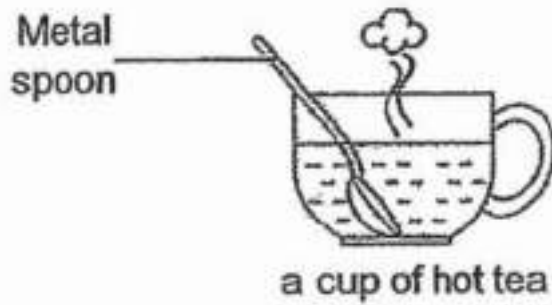
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Question 6

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Ronald places a metal spoon in a cup of hot tea.



The spoon becomes hotter after a while.

Which one of the following explains this?

- A) The cup loses heat to the hot tea.
- B) The hot tea gains heat from the spoon.
- ✓ C) The spoon gains heat from the hot tea.
- D) The spoon loses heat to the hot tea.

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Sat 3rd Jul 2021
 Last Modified: N/A
 QID#: 28,307,659

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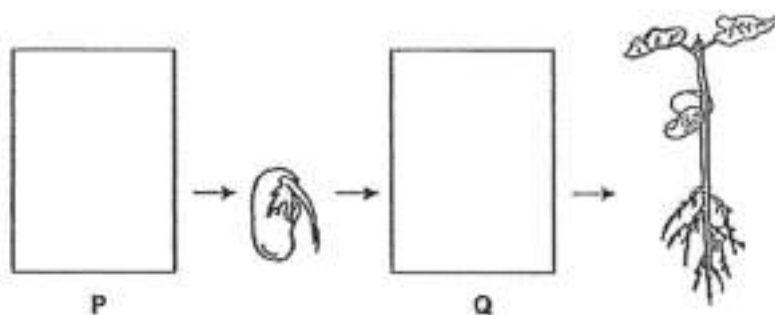
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Question 7

Primary 4 Science » Primary 4 Science (Term 4)

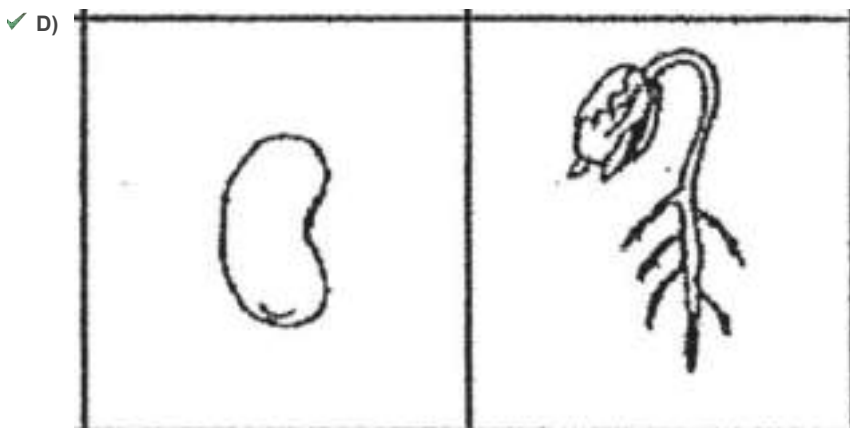
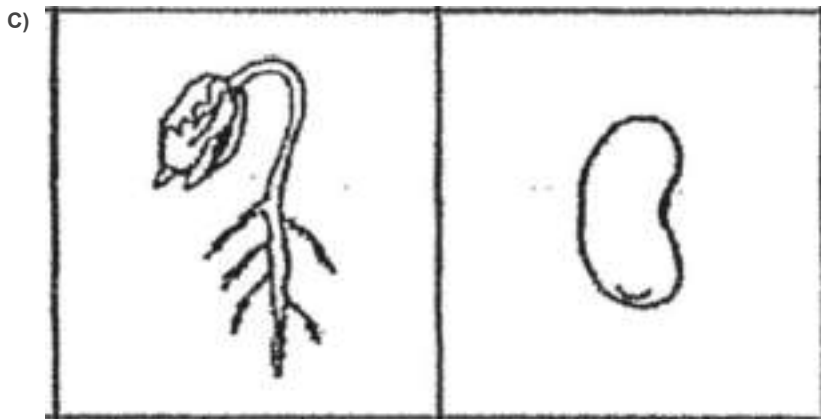
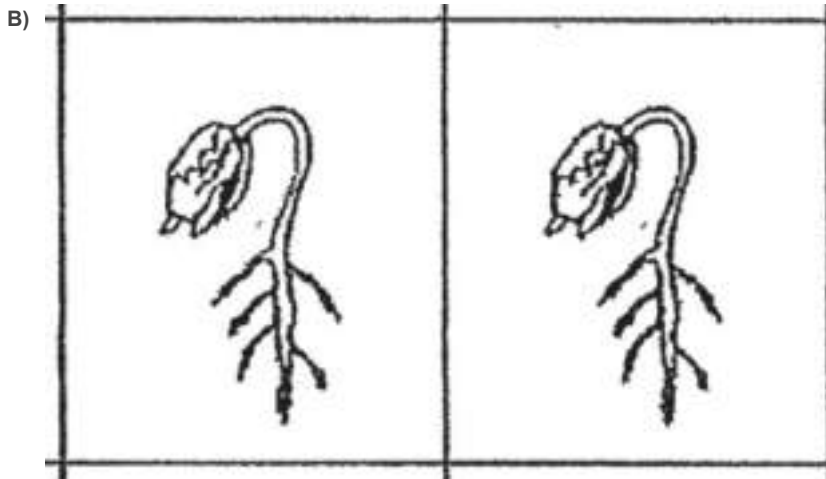
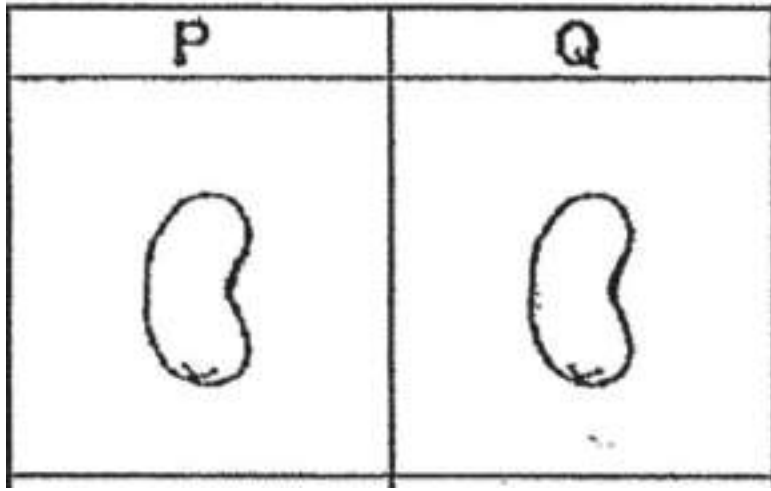
2 pts

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



Which one of the following shows the correct stages for P and Q?

A)



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
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QID#: 28,307,674

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Question 8

Primary 4 Science » Primary 4 Science (Term 4)

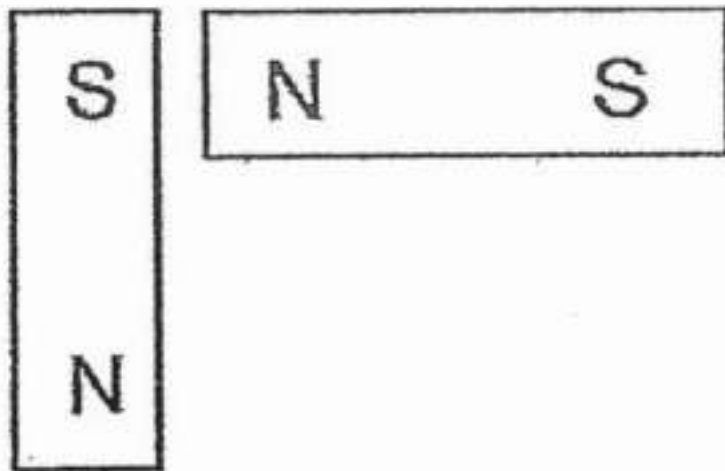
2 pts

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

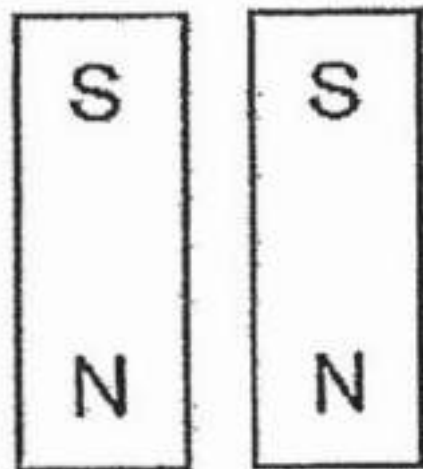
A)



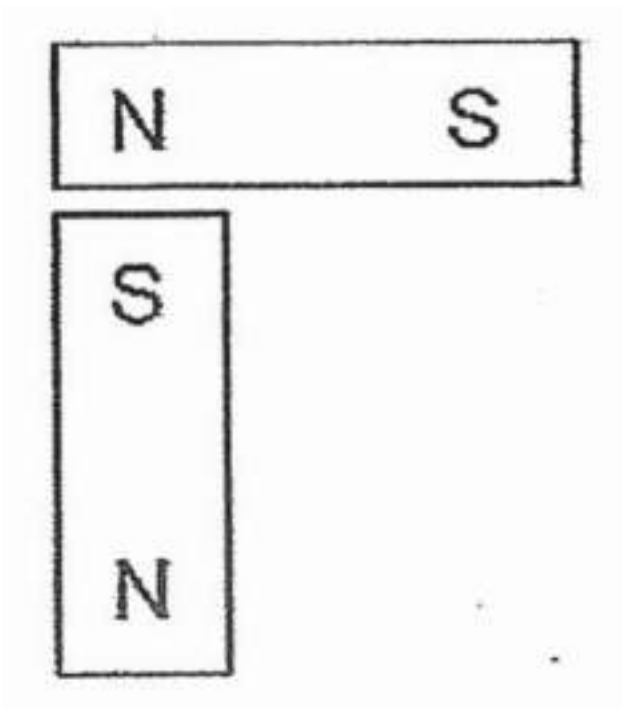
B)



✓ C)



D)



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
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QID#: 28,307,695

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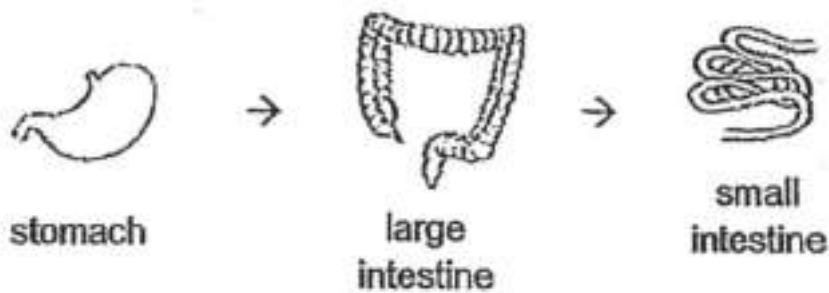
Question 9

Primary 4 Science » Primary 4 Science (Term 4)

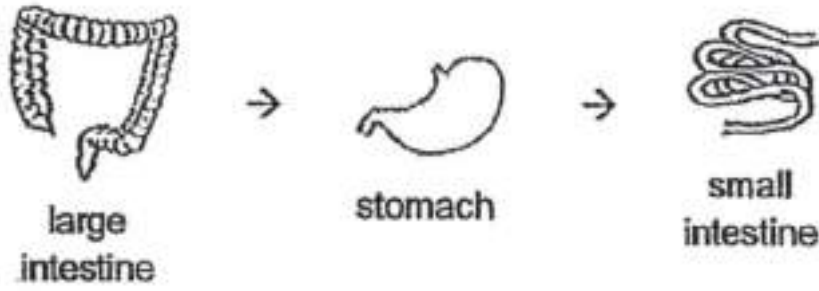
2 pts

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

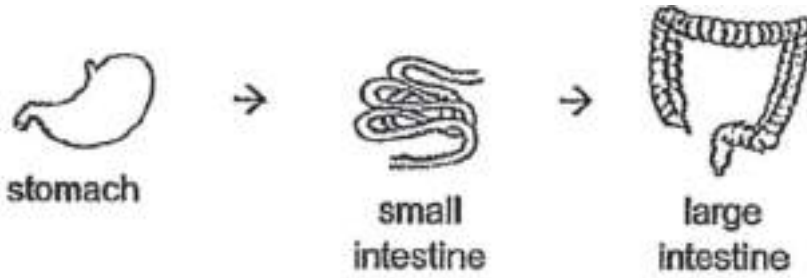
A)



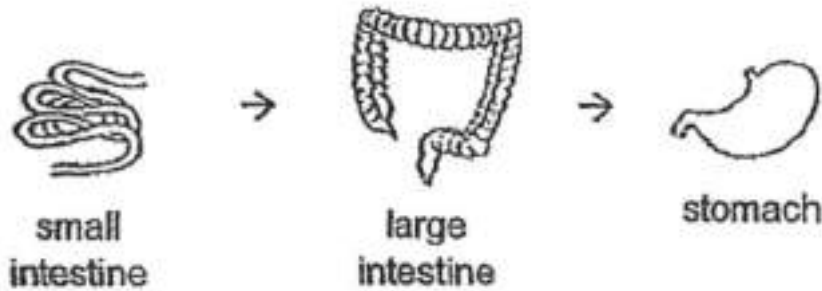
B)



✓ C)



D)



Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Sat 3rd Jul 2021
 Last Modified: N/A
 QID#: 28,307,706

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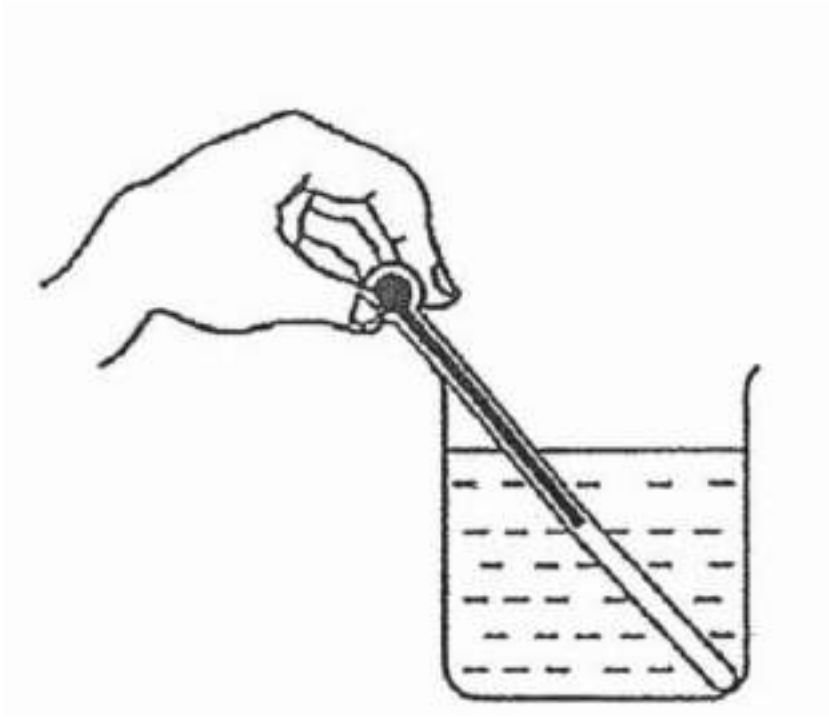
Question 10

Primary 4 Science » Primary 4 Science (Term 4)

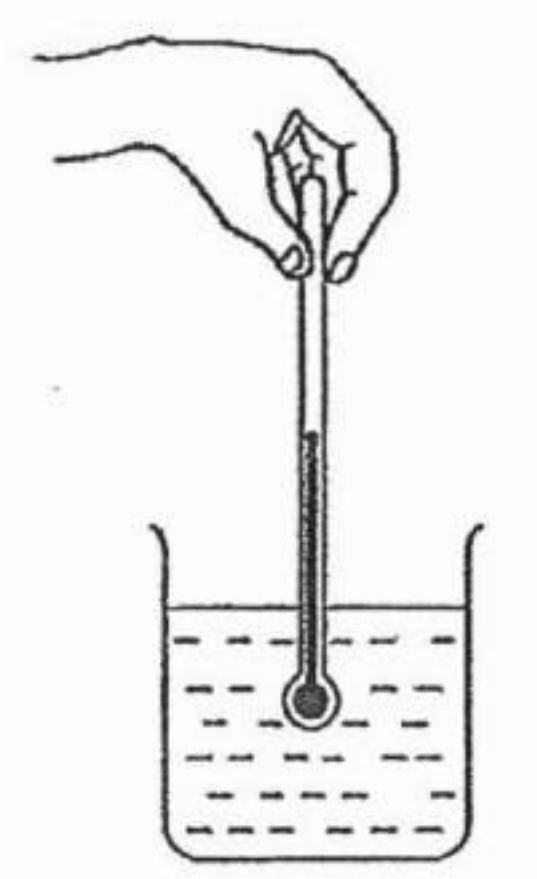
2 pts

Catherine wants to measure the temperature of hot water in a beaker. Which one of the following diagrams shows the correct position of the thermometer when taking the temperature reading?

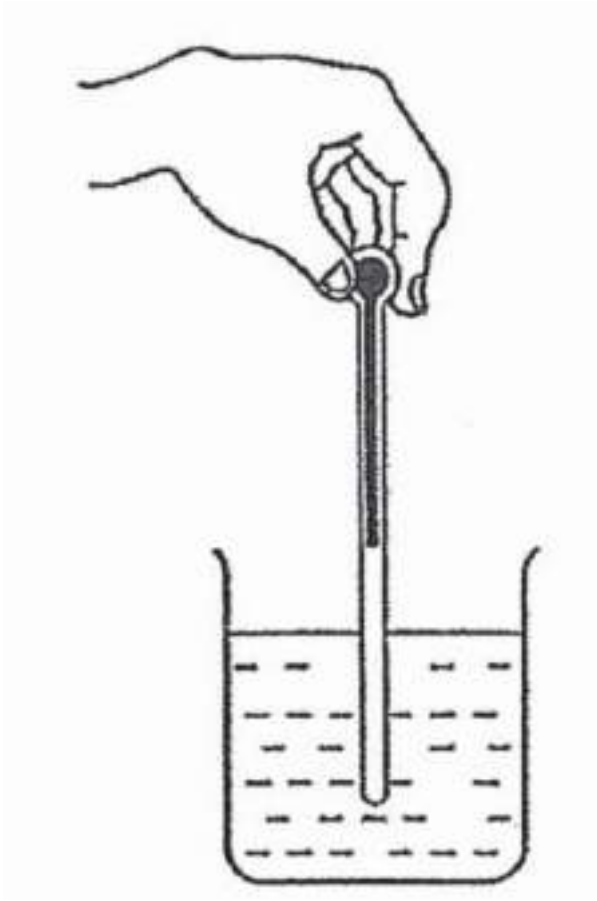
A)



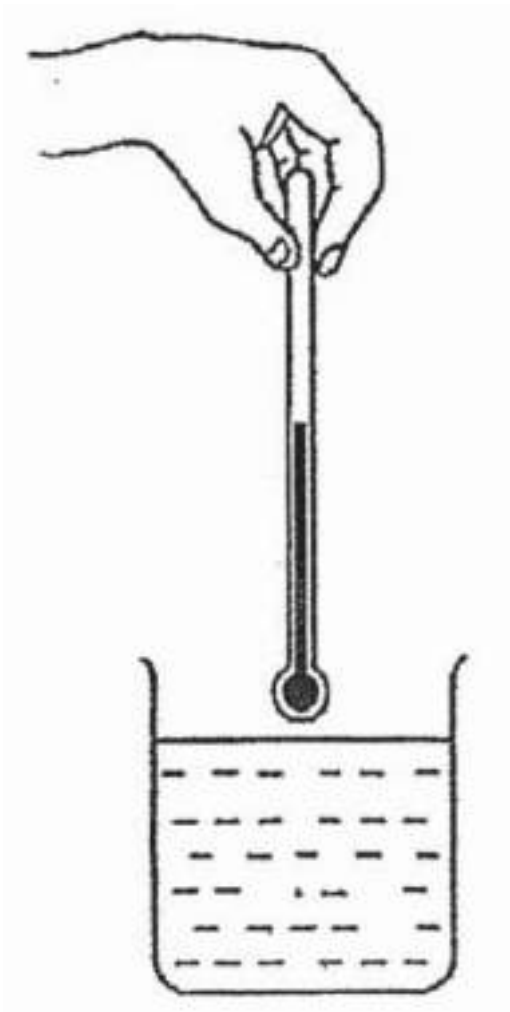
✓ B)



C)



D)



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,307,720

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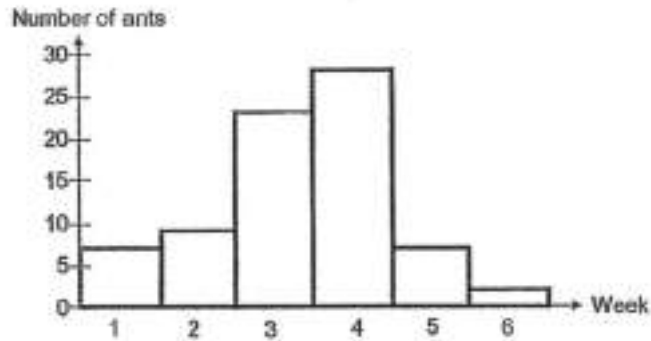
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Question 11

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Janelle recorded the number of ants in an enclosed container over a period of time as shown below. The enclosed container has enough air, food and water for the ants.



Which characteristic of living things does the graph show from Week 4 to 6?

- ✓ A) Living things can die.
- B) Living things can grow.
- C) Living things can reproduce.
- D) Living things can respond to changes around them.

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,307,727

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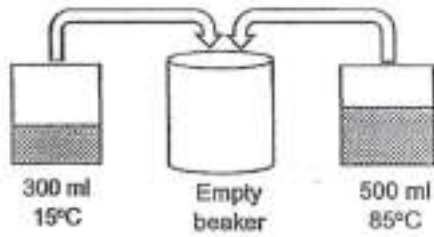
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Question 12

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Paul poured 2 cups of water at 15°C and 85°C respectively into an empty beaker as shown below.



What is the temperature of water in the beaker likely to be?

- A) 10°C
- B) 15°C
- ✓ C) 60°C
- D) 100°C

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,307,734

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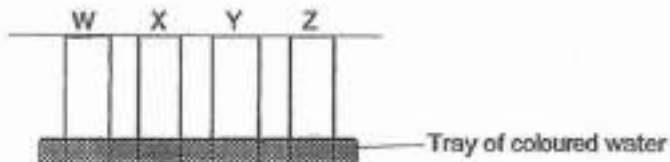
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Question 13

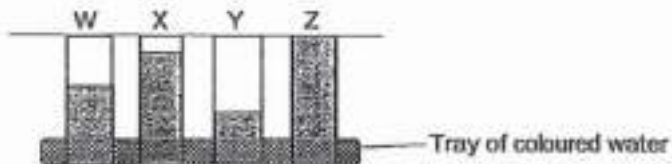
Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Elvin placed Materials W, X, Y and Z in a tray of coloured water as shown below.



He observed the amount of water each material can absorb after 3 minutes as shown below.



What can Elvin conclude about his experiment?

- A) Material Y is the most absorbent.
- B) Material W absorbs more water than Material Z.
- C) Material Z is the least absorbent.
- ✓ D) None of the materials is waterproof.

Question Type: Multiple Choice

Randomize Answers: No
 Date Added: Sat 3rd Jul 2021
 Last Modified: N/A
 QID#: 28,307,738

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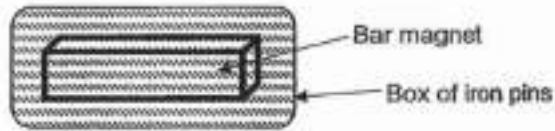
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Question 14

Primary 4 Science » Primary 4 Science (Term 4)

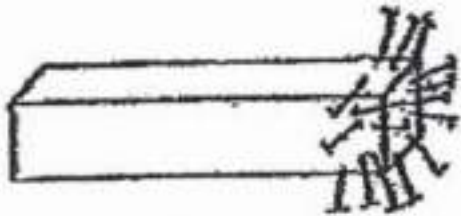
2 pts

A bar magnet is placed into a box of iron pins for 2 minutes as shown below.

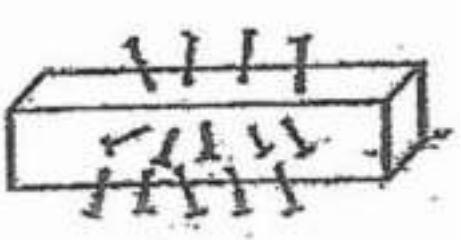


Which one of the following diagram shows how the bar magnet would most likely look like when it removed from the box of iron pins?

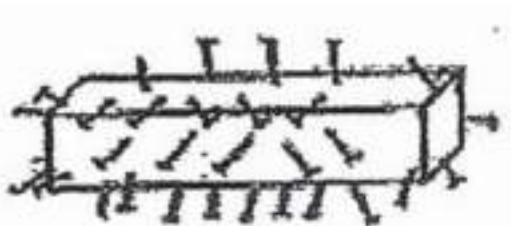
A)



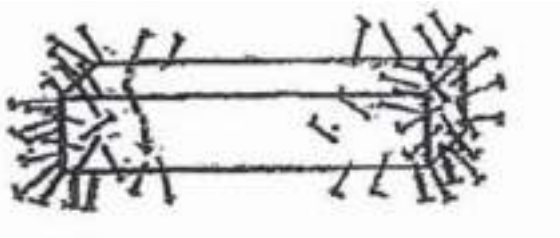
B)



C)



✓ D)



Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Sat 3rd Jul 2021
 Last Modified: N/A
 QID#: 28,307,754

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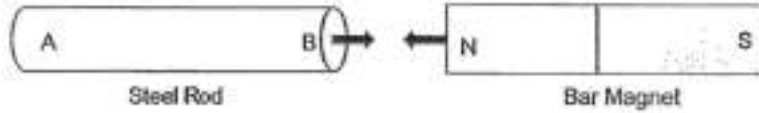
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Question 15

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Eunice was given a steel rod and a bar magnet. She brought the End B of the steel rod to the north pole of the bar magnet and observed that both objects move towards each other as shown below.



She concluded that the steel rod is also a magnet. Which one of the following explains why Eunice's conclusion may be wrong?

- A) She did not find out if the steel rod is able to attract any plastic clips.
- B) She did not test End A of steel rod with south pole of the bar magnet.
- ✓ C) She did not test End B of steel rod with south pole of the bar magnet.
- D) She did not find out if the steel rod is able to repel any steel paper clips.

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,307,762

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

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Question 16

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Jasmine drew the sizes of digested food, E, F and G at various stages of the human digestive system as shown below.



Which one of the following correctly represents the sizes of the digested food as it passed through the different parts of the digestive system?

- A)

Mouth	Stomach	Small Intestine
E	F	G
- ✓ B)

Mouth	Stomach	Small Intestine
F	E	G
- C)

Mouth	Stomach	Small Intestine
F	G	E

D)

Mouth	Stomach	Small Intestine
G	E	F

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,307,776

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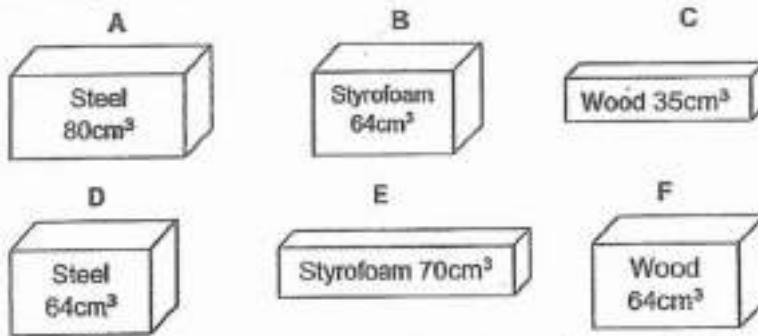
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Question 17

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Ally has 6 objects as shown below.



Which one of the following objects should Ally choose if she wants to find out if different materials with the same volume have the same mass?

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,307,783

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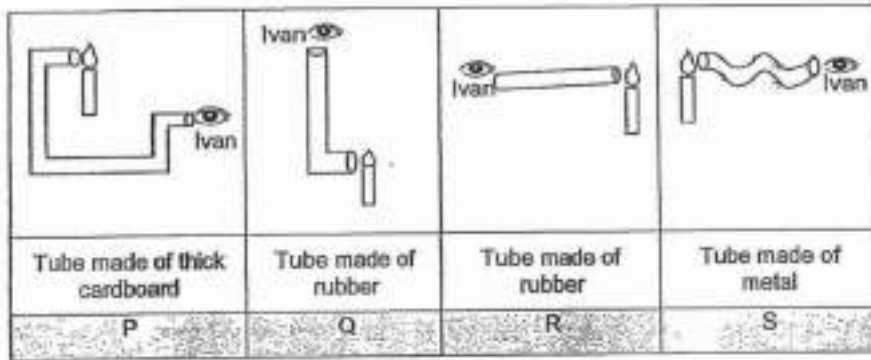
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Question 18

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Study set-ups P, Q, R and S as shown below.



Which set-up below allows Ivan to see the flame at the end of the tube?

- A) P
- B) Q
- ✓ C) R
- D) S

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Sat 3rd Jul 2021
 Last Modified: N/A
 QID#: 28,307,788

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

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Question 19

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Gopal has a container with a maximum capacity of 50cm^3 as shown below.



He was given the following things:

- A: 55cm^3 of orange juice
- B: 60cm^3 of marbles
- C: 100cm^3 of air
- D: 42cm^3 of flour

Which of the above things can fit into the above enclosed container one at a time?

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,307,799

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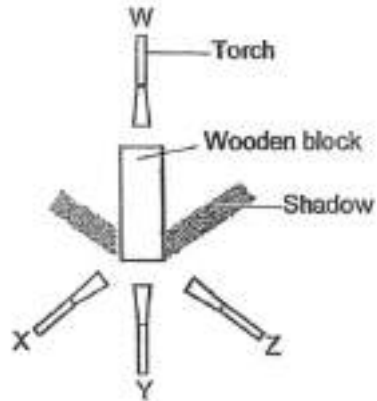
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Question 20

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Natalia conducted an experiment in a completely dark room using 4 identical torches, W, X, Y and Z and a wooden block. She switched on 2 of the torches and observed the shadows as shown below.



Which 2 torches had been switched on?

- ✓ A) X and Z
- B) X and Y
- C) W and Z
- D) Y and Z

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,307,810

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

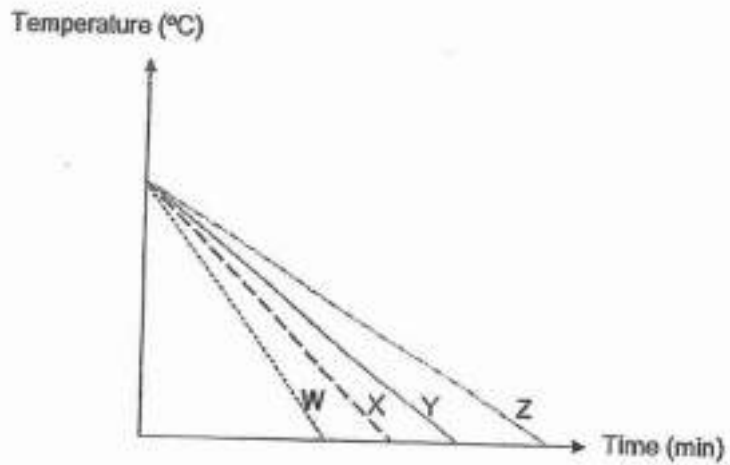
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Question 21

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The graph below shows the change in temperature for Metals W, X, Y and Z.



Which Metal W, X, Y and Z, is the best conductor of heat?

- ✓ A) W
- B) X
- C) Y
- D) Z

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Sat 3rd Jul 2021
 Last Modified: N/A
 QID#: 28,307,817

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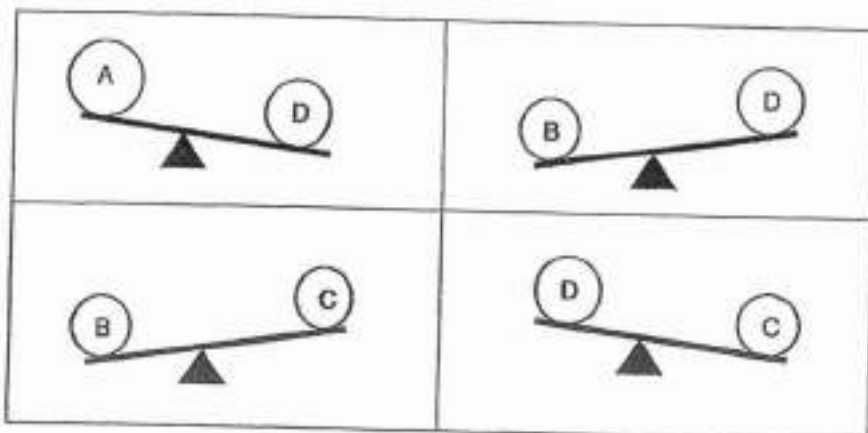
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Question 22

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Study the 4 diagrams below.



Arrange the mass of Objects, A, B, C and D, starting from the lightest.

- ✓ A) A, D, C, B
- B) A, C, D, B

C) B, D, C, A

D) B, C, D, A

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,307,829

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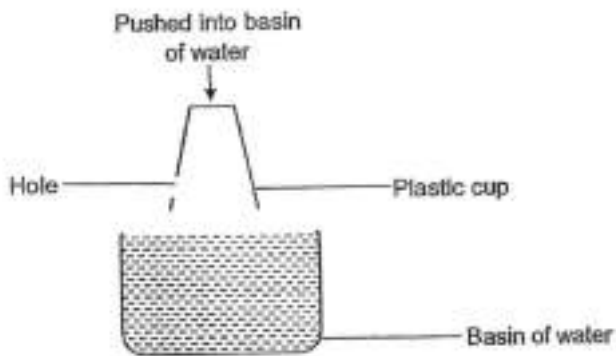
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Question 23

Primary 4 Science » Primary 4 Science (Term 4)

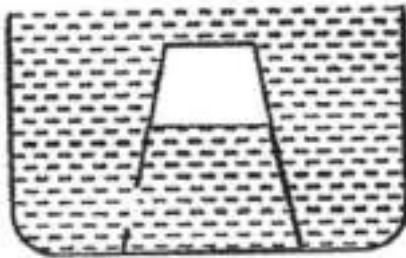
2 pts

A plastic cup with one hole is inverted and pushed vertically into a basin of water as shown below.

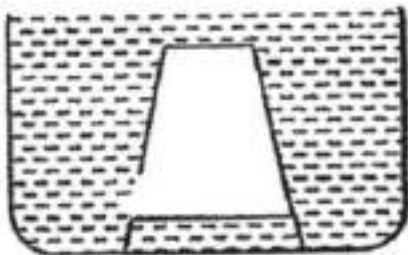


Which one of the following diagrams show the water level in the cup?

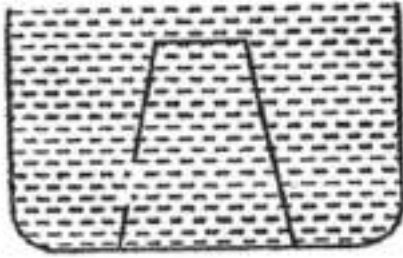
✓ A)



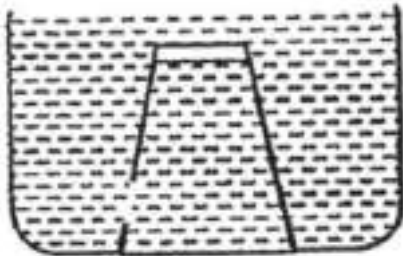
B)



C)



D)



Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Sat 3rd Jul 2021
 Last Modified: N/A
 QID#: 28,307,857

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

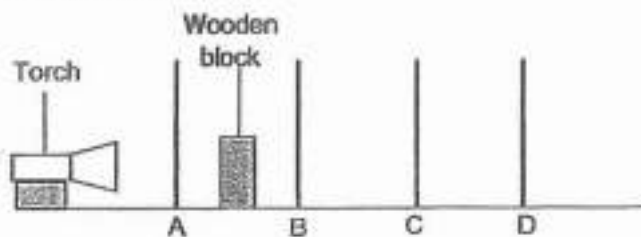
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Question 24

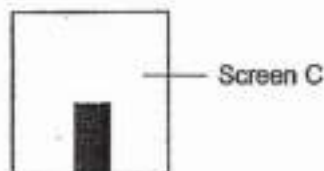
Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Polly set up an experiment in a dark room using Screens, A, B, C and D and a wooden block as shown below.



When the torch was switched on, a shadow was cast only on Screen C as shown below.



Which one of the following statements is true about Polly's experiment?

- ✓ A) Screen A allows light to pass through.
- B) Screen B does not allow any light to pass through.
- C) Screen C is made of transparent material.
- D) Screen D is made of opaque material.

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,307,870

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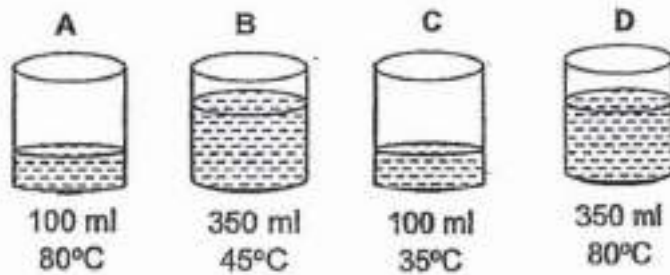
[Remove From Test](#)

Question 25

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

There are 4 beakers of water as shown below.



Which beaker of water has the greatest amount of heat?

- A) A
- B) B
- C) C
- ✓ D) D

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,309,548

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

[Remove From Test](#)

Question 26

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The table below shows the functions of the 4 human body systems which are represented by W, X, Y and Z.

Human Body System	W	X	Y	Z
Functions	Digests food	Allows exchange of gases with the surroundings	Gives the body its shape	Carries oxygen, water and digested food to different parts of the body

Which one of the following has all the 4 human body systems matched correctly to their functions?

- A)

W	X	Y	Z
Skeletal	Circulatory	Respiratory	Diigestive
- ✓ B)

W	X	Y	Z
Digestive	Respiratory	Skeletal	Circulatory
- C)

W	X	Y	Z
Digestive	Circulatory	Skeletal	Respiratory
- D)

W	X	Y	Z
Skeletal	Respiratory	Digestive	Circulatory

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,309,567

[↶ Answers](#) | [✎ Edit](#) | [📄 Duplicate](#) | [📌 Used In](#) | [⬇ Reorder](#)

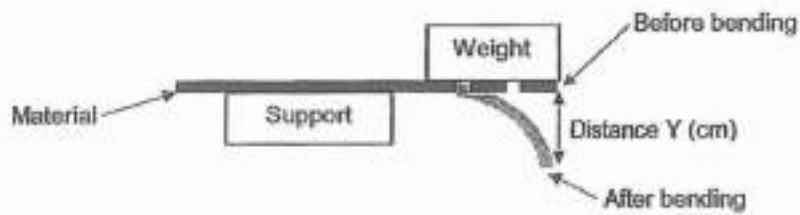
[Remove From Test](#)

Question 27

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Gillian wanted to find out which materials A, B, C or D can bend the most. She set up an experiment as shown below. She added the same amount of weight on the end of materials A, B, C and D. She then measured the distance Y for each material.



She recorded the distance Y for each material in the table below.

Material	Distance Y (cm)
A	0
B	1
C	2
D	10

Which material is most suitable to be used as the wire for the headphone?



- A) Material A
- B) Material B
- C) Material C
- ✓ D) Material D

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,309,574

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

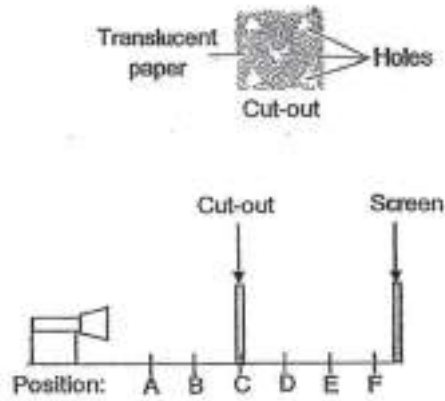
[Remove From Test](#)

Question 28

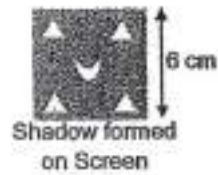
Primary 4 Science » Primary 4 Science (Term 4)

2 pts

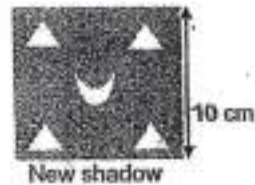
Irene placed the cut-out between the torchlight and the screen as shown below.



Irene placed the cut-out at Position C and turned on the torch. She observed the shadow formed on the screen as shown below.



Next, Irene changed the position of the cut-out and observed the shadow as shown below.



Which position did Irene place the paper?

- ✓ A) A or B
- B) B or E
- C) D or F
- D) E or F

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,309,577

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

[Remove From Test](#)

Question 29

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Ali observed and grouped some things as shown below in the table.

F	G
Penguin	Stone
Ant	Cloth
Mushroom	Pen

What is the suitable headings for Group F?

Accepted answers:

✓ Living things

Question Type: Free Text
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,309,593

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

[Remove From Test](#)

Question 30

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Ali observed and grouped some things as shown below in the table.

F	G
Penguin	Stone
Ant	Cloth
Mushroom	Pen

What is the suitable heading for Group G?

Accepted answers:

✓ Non-living things
 ✓ non - living things

Question Type: Free Text
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,309,608

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

[Remove From Test](#)

Question 31

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Fill in the blanks in the table with the names of the main animal grouping.

Group	Characteristics
	Body covered with feathers

Accepted answers:

✓ Birds

Question Type: Free Text
Date Added: Sat 3rd Jul 2021
Last Modified: N/A

QID#: 28,309,627

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)
[Remove From Test](#)**Question 32**

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Fill in the blank in the table with the name of the main animal grouping.

Group	Characteristics
	Has dry skin, with scales

Accepted answers:

✓ Reptiles

Question Type: Free Text
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,309,636

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)
[Remove From Test](#)**Question 33**

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Natalie recorded the mass of the seed leaves and the shoot as the seedling grows in the table below.

Day	Mass of Part X (mg)	Mass of Part Y (grams)
0	1	0
4	0.8	0.1
8	0.6	0.15
12	0.4	0.2
16	0.2	0.25



State the conditions required for a seed to germinate. (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: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,309,657

Correctly answered feedback

Water, oxygen/air and warmth

Incorrectly answered feedback

Water, oxygen/air and warmth

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

[Remove From Test](#)

Question 34

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Natalie recorded the mass of the seed leaves and the shoot as the seedling grows in the table below.

Day	Mass of Part X (mg)	Mass of Part Y (grams)
0	1	0
4	0.8	0.1
8	0.6	0.15
12	0.4	0.2
16	0.2	0.25



Based on the table above, which part X or Y is more likely to be the seed leaves? Explain your choice. (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: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,309,679

Correctly answered feedback

X, the mass of the seed leaves will decrease as it provides food for the baby plant until the plant can make its own food.

Incorrectly answered feedback

X, the mass of the seed leaves will decrease as it provides food for the baby plant until the plant can make its own food.

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

[Remove From Test](#)

Question 35

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

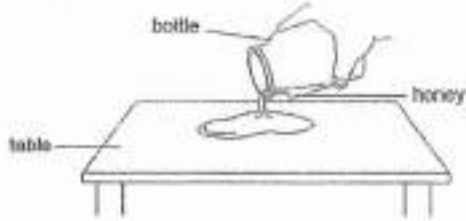
Choose the correct words from the list to fill in the blanks below.

Clue

Match

Liquid

All pours honey from a bottle onto a table as shown below.

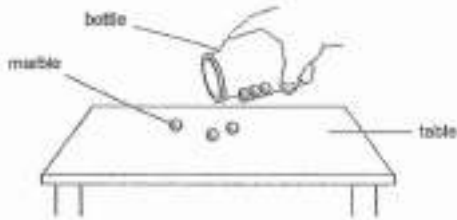


The volume of honey remains the same but its shape changes.

This shows that honey is a _____ . (1m)

Points: +1 -0

All pours some marbles from a bottle onto a table as shown below. Solid



The shape and volume of the marbles remain the same.

This shows that a marble is a _____ . (1m)

Points: +1 -0

Incorrect match option

Gas

Question Type: Matching
Shuffle Mode: Shuffle Matches Only
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,309,715

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

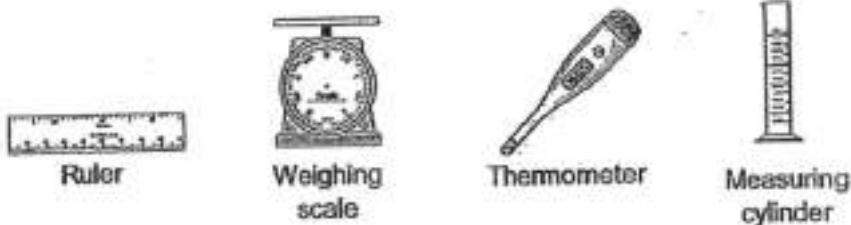
[Remove From Test](#)

Question 36

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Study the apparatus as shown below.



Write the apparatus which Calvin should use if he wants to measure:

Clue

Match

the volume of water: _____

Measuring cylinder

Points: +1 -0

the mass of flour: _____

Weighing scale

Points: +1 -0

Incorrect match option

Ruler

Incorrect match option

Thermometer

Question Type: Matching
Shuffle Mode: Shuffle Matches Only
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,309,738

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

[Remove From Test](#)

Question 37

Primary 4 Science » Primary 4 Science (Term 4)

0.5 pts

Read the statement below and choose the correct answer below.

Heat is matter.

- A) True
✓ B) False

Question Type: True False
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,309,749

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

[Remove From Test](#)

Question 38

Primary 4 Science » Primary 4 Science (Term 4)

0.5 pts

Read the statement below and choose the correct answer below.

Temperature is measured in degree Celsius (°C).

- ✓ A) True
B) False

Question Type: True False
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,309,765

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

[Remove From Test](#)

Question 39

Primary 4 Science » Primary 4 Science (Term 4)

0.5 pts

Read the statement below and choose the correct answer below.

Temperature is a form of energy.

- A) True
 ✓ B) False

Question Type: True False
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,309,769

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

[Remove From Test](#)

Question 40

Primary 4 Science » Primary 4 Science (Term 4)

0.5 pts

Read the statement below and choose the correct answer below.

The higher the temperature, the greater the amount of heat a substance has.

- ✓ A) True
 B) False

Question Type: True False
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,309,775

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

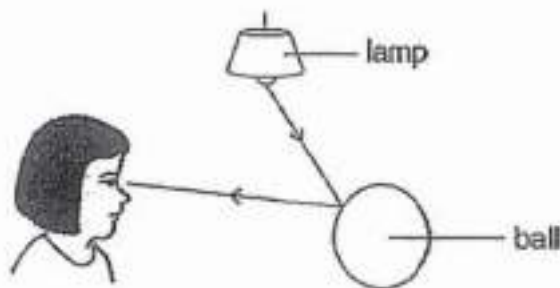
[Remove From Test](#)

Question 41

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

The diagram below shows how Cara sees the ball.



Fill in the blanks below.

The _____ from the lamp is _____ by the ball and enters Cara's eye. (2 marks)

Accepted answers:

- ✓ light, reflected
 ✓ light, bounced off
 ✓ light / reflected
 ✓ light / bounced off

Light and reflected



✓ Light and Bounced off

Question Type: Free Text
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,309,822

Correctly answered feedback

The **light** from the lamp is **reflected/bounced off** by the ball and enters Cara's eye.

Incorrectly answered feedback

The **light** from the lamp is **reflected/bounced off** by the ball and enters Cara's eye.

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

[Remove From Test](#)

Question 42

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

The table below shows the property of Materials A, B and C.

Property	Material A	Material B	Material C
Allow most of the light to pass through	✓		
Flexible	✓	✓	✓
Absorb water		✓	

Describe Material A by stating all its properties. (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: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,309,846

Correctly answered feedback

A allows most light to pass through, is flexible and is waterproof/does not absorb water.

Incorrectly answered feedback

A allows most light to pass through, is flexible and is waterproof/does not absorb water.

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

[Remove From Test](#)

Question 43

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

The table below shows the property of Materials A, B and C.

Property	Material A	Material B	Material C
Allow most of the light to pass through	✓		
Flexible	✓	✓	✓
Absorb water		✓	

State 2 similarities between Material B and C. (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: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,309,860

Correctly answered feedback

Both are flexible and do not allow most light to pass through.

Incorrectly answered feedback

Both are flexible and do not allow most light to pass through.

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

[Remove From Test](#)

Question 44

Primary 4 Science » Primary 4 Science (Term 4)

2 pts

Classify the following into matter and non-matter. (2 marks)

Clue

Match

Air

Matter

Points: +0.5 -0

Sand

Matter

Points: +0.5 -0

Shadow

Non-matter

Points: +1 -0

Question Type: Matching
Shuffle Mode: Shuffle Matches Only
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,309,910

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

[Remove From Test](#)

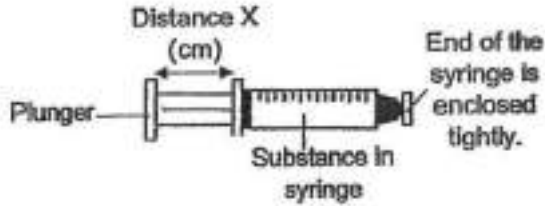
Question 45

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Sasha filled 2 identical syringes with Substances P and Q. She put an equal amount of each substance into each syringe.

Then, she pushed the plunger in as far as she could and measured Distance X as shown below.



Sasha recorded Distance X as shown in the in the graph below.

Substance	Original distance X (cm)	Distance X after pushing (cm)
P	8	8
Q	8	2

Based on the results of her experiment, which substance is likely to be air? Explain your choice. (2m)

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: Sat 3rd Jul 2021
 Last Modified: N/A
 QID#: 28,309,921

Correctly answered feedback

Substance Q, as it can be compressed but Substance P cannot.

Incorrectly answered feedback

.Substance Q, as it can be compressed but Substance P cannot

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

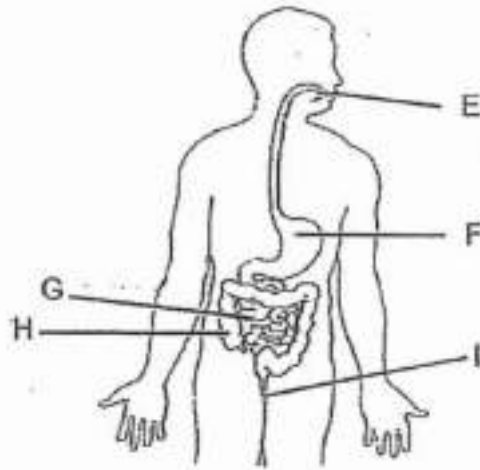
[Remove From Test](#)

Question 46

Primary 4 Science » Primary 4 Science (Term 4)

3 pts

Parts E, F, G, H and I are parts of the human digestive system.



Clue	Match
Digestion begins here. Points: +1 -0	E
Water is removed from the undigested food. Points: +1 -0	H
Digestion is completed. Points: +1 -0	G
<i>Incorrect match option</i>	F
<i>Incorrect match option</i>	I

Question Type: Matching
Shuffle Mode: Shuffle Matches Only
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,309,951

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

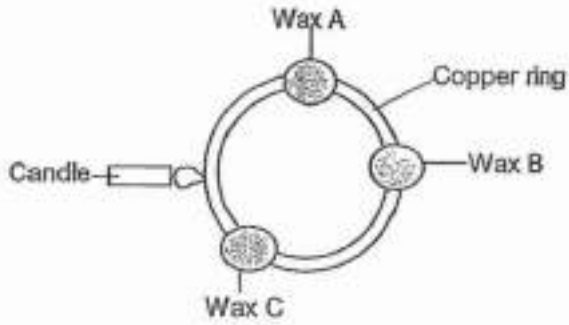
[Remove From Test](#)

Question 47

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Janice placed equal amounts of wax A, B and C around a copper ring. Then, she placed a candle at one part of the copper ring as shown below.



Which piece of wax A, B or C, will take the longest time to melt? Explain. (2m)

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: Sat 3rd Jul 2021
 Last Modified: N/A
 QID#: 28,309,958

Correctly answered feedback

Wax B. It is the furthest from the heat source/candle/flame.

Incorrectly answered feedback

Wax B. It is the furthest from the heat source/candle/flame.

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

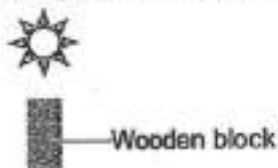
[Remove From Test](#)

Question 48

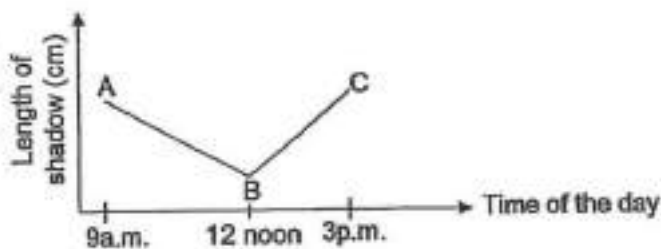
Primary 4 Science » Primary 4 Science (Term 4)

1 pt

A wooden block is placed in an open field on a sunny day as shown below



The graph below shows how the wooden block's length of shadow changed in a day.



Choose the correct answer in the bracket below.

Describe how the length of the shadow changes during the time of the day.

The length of the shadow (**increases/decreases**) from 9 a.m. to 12 noon.

- A) increases
 ✓ B) decreases

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,309,977

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

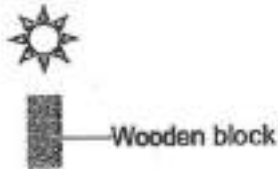
[Remove From Test](#)

Question 49

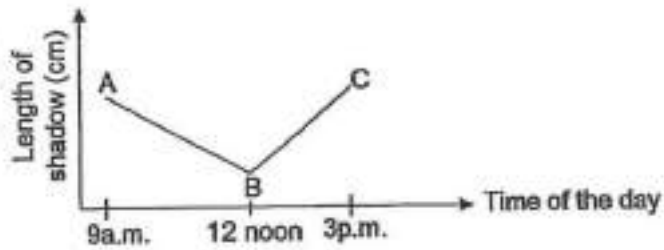
Primary 4 Science » Primary 4 Science (Term 4)

1 pt

A wooden block is placed in an open field on a sunny day as shown below



The graph below shows how the wooden block's length of shadow changed in a day.



Choose the correct answer in the bracket below.

From 12 noon to 3 p.m., the length of the shadow (**increases/decreases**).

- ✓ A) increase
 B) decreases

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,309,986

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

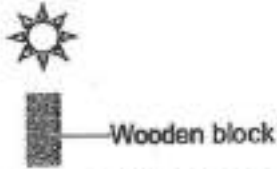
[Remove From Test](#)

Question 50

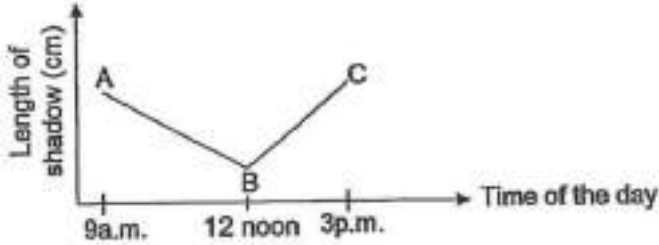
Primary 4 Science » Primary 4 Science (Term 4)

0 pts

A wooden block is placed in an open field on a sunny day as shown below



The graph below shows how the wooden block's length of shadow changed in a day.



Explain how the shadow of the wooden block is formed. (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: Sat 3rd Jul 2021
 Last Modified: N/A
 QID#: 28,309,993

Correctly answered feedback

Shadow is formed when light is blocked.

Incorrectly answered feedback

Shadow is formed when light is blocked.

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

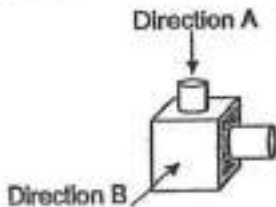
[Remove From Test](#)

Question 51

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

The object below is made of an opaque material. A torch light is shone on the object from Direction A and then from Direction B.

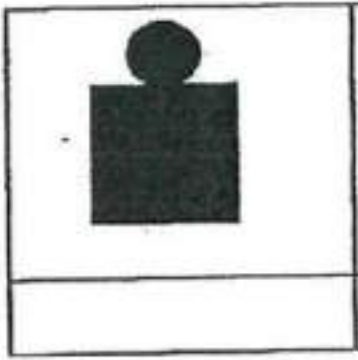


Choose "A" and "B" for the correct shadows to indicate the shadows formed from Directions A and B.

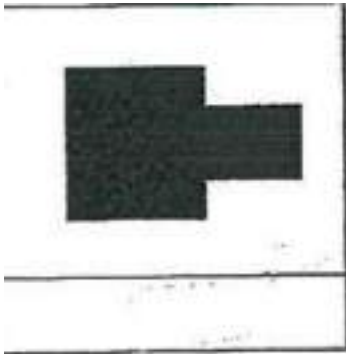
Clue

Match

None

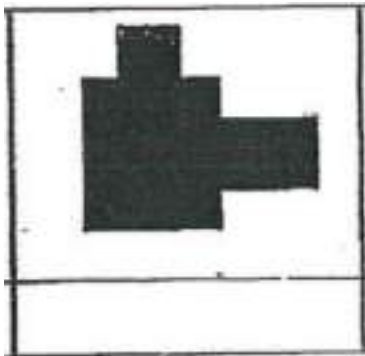


Points: +0.2 -0



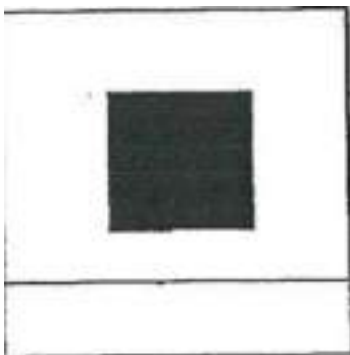
A

Points: +0.2 -0



B

Points: +0.2 -0



None

Points: +0.4 -0

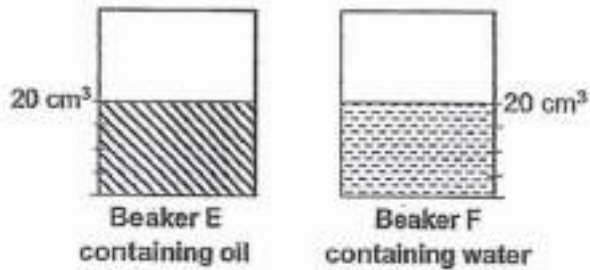
Question Type: Matching
Shuffle Mode: Shuffle Matches Only
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,310,022

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)**Question 52**

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Osman has 2 identical beakers, E and F, as shown below. Beaker E contains 20 cm^3 of oil and Beaker F contains 20 cm^3 of water.



What is the total volume of oil and water in beakers E and F when the oil in beaker E is placed into the water in beaker F?

Accepted answers:

- ✓ 40cmCube
- ✓ 40
- ✓ 40cm Cube
- ✓ 40 cm Cube

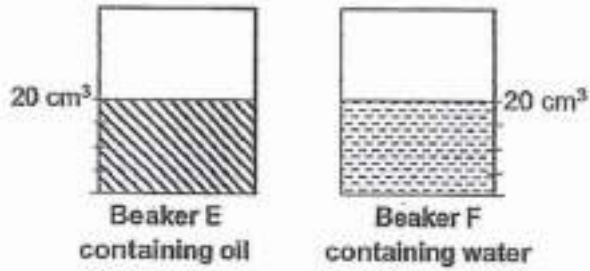
Question Type: Free Text
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,310,034

Correctly answered feedback40 cm³**Incorrectly answered feedback**40 cm³[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)**Question 53**

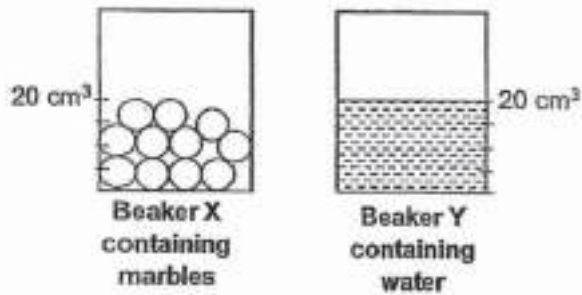
Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Osman has 2 identical beakers, E and F, as shown below. Beaker E contains 20 cm^3 of oil and Beaker F contains 20 cm^3 of water.



Next, Osman had a beaker of marbles and a beaker of water as shown below.



What would the total volume be when he added 20 cm^3 of water from Beaker Y into Beaker X?

Accepted answers:

- ✓ Less than 40 cm^3
- ✓ less than 40
- ✓ Less than 40 cm^3

Question Type: Free Text
 Date Added: Sat 3rd Jul 2021
 Last Modified: N/A
 QID#: 28,310,043

Correctly answered feedback

Less than 40 cm^3

Incorrectly answered feedback

Less than 40 cm^3

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

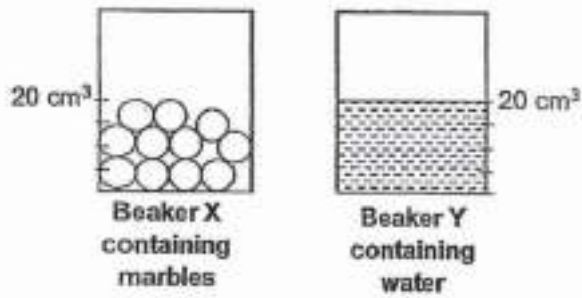
[Remove From Test](#)

Question 54

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Next, Osman had a beaker of marbles and a beaker of water as shown below.



Explain your answers 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: Sat 3rd Jul 2021
 Last Modified: N/A
 QID#: 28,310,048

Correctly answered feedback

There were air spaces between the marbles and water displaced the air.

Incorrectly answered feedback

There were air spaces between the marbles and water displaced the air.

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

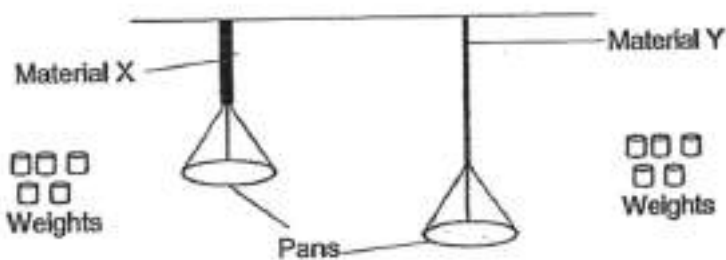
[Remove From Test](#)

Question 55

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Yvonne set up an experiment using Materials X and Y as shown below.



Yvonne placed some weights on each pan, one at a time until the materials broke.

What property of the materials do you think Yvonne is trying to test? (1 mark)

Accepted answers:

✓ Strength

Question Type: Free Text
Date Added: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,310,053

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

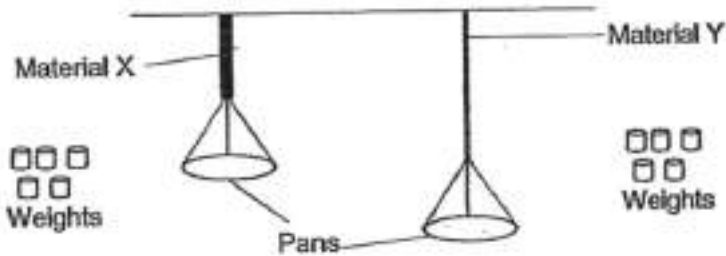
[Remove From Test](#)

Question 56

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Yvonne set up an experiment using Materials X and Y as shown below.



Yvonne placed some weights on each pan, one at a time until the materials broke.

Yvonne did not carry out a fair test. State a variable that she should keep constant to make the test fair. (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: Sat 3rd Jul 2021
Last Modified: N/A
QID#: 28,310,056

Correctly answered feedback

The length/thickness/width/size of the material used is not the same.

Incorrectly answered feedback

The length/thickness/width/size of the material used is not the same.

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

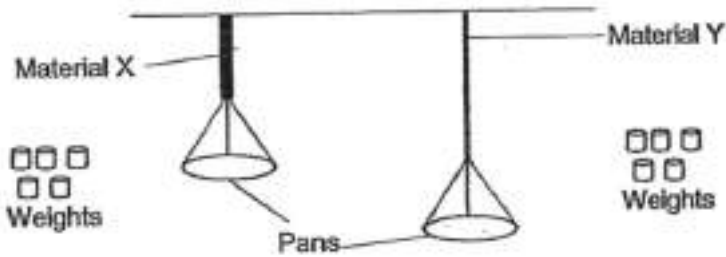
[Remove From Test](#)

Question 57

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Yvonne set up an experiment using Materials X and Y as shown below.



Yvonne placed some weights on each pan, one at a time until the materials broke.

After making changes to her set-up, Yvonne carried out a fair test and recorded the results in the table below.

Material	Mass the material could carry before breaking
X	8 kg
Y	5 kg

Which material should Yvonne choose if she were to use it to carry books which weigh 6 kg? (1m)

Accepted answers:

- ✓ Material X
- ✓ X

Question Type: Free Text
 Date Added: Sat 3rd Jul 2021
 Last Modified: N/A
 QID#: 28,310,062

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

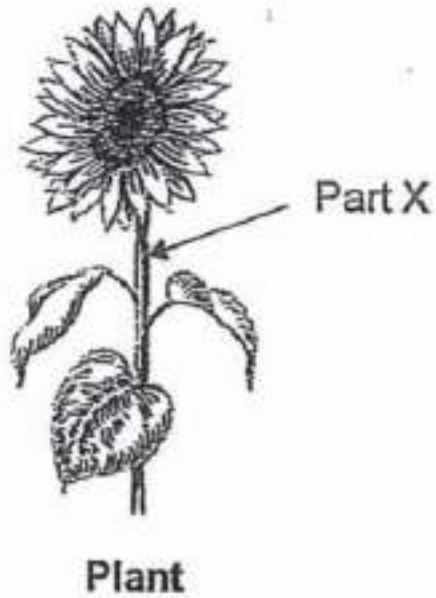
[Remove From Test](#)

Question 58

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Study the plant as shown below.



State a function of Part 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 4th Jul 2021
Last Modified: N/A
QID#: 28,310,097

Correctly answered feedback

To support the plant upright

OR

To transport water and food to other parts of the plant.

Incorrectly answered feedback

To support the plant upright

OR

To transport water and food to other parts of the plant.

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

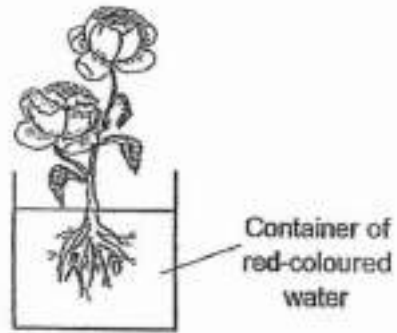
[Remove From Test](#)

Question 59

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

A plant with white flowers is placed in a container of red-coloured water as shown below. The flowers turned red after a week.



Explain how the flowers turned red. (2m)

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 4th Jul 2021
Last Modified: N/A
QID#: 28,310,104

Correctly answered feedback

The roots absorbed the red-coloured water AND it was transported through (the water-carrying tubes in) the stem to the flowers.

Incorrectly answered feedback

The roots absorbed the red-coloured water AND it was transported through (the water-carrying tubes in) the stem to the flowers.

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

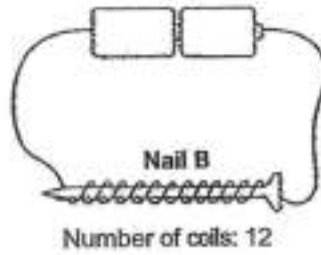
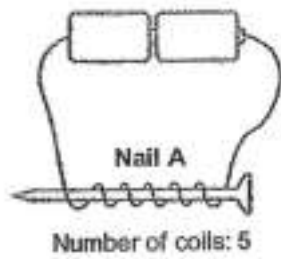
[Remove From Test](#)

Question 60

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Lucy conducted an experiment as shown below.



The batteries she used were all new and she recorded the number of steel pins which were attracted by each nail in the table below.

Nail	Type of nail	Number of coils
A	Iron	5
B	Iron	12

Based on Lucy's experiment, which magnet is able to attract more steel pins? Explain your answer. (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 4th Jul 2021
Last Modified: N/A
QID#: 28,310,112

Correctly answered feedback

Magnet B. B has the greater number of coils around the nail than A.

Incorrectly answered feedback

Magnet B. B has the greater number of coils around the nail than A.

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

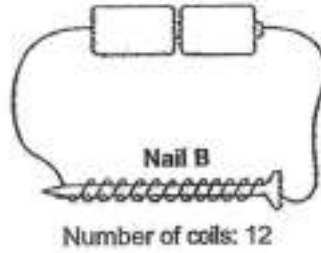
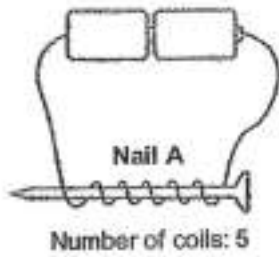
[Remove From Test](#)

Question 61

Primary 4 Science » Primary 4 Science (Term 4)

1 pt

Lucy conducted an experiment as shown below.



The batteries she used were all new and she recorded the number of steel pins which were attracted by each nail in the table below.

Nail	Type of nail	Number of coils
A	Iron	5
B	Iron	12

Lucy set-up another experiment using nail C. She changed the type of nail to copper.

Nail	Type of nail	Number of coils
C	Copper	12

Fill in the blank below to show the number of steel pins that will be attracted by the copper nail.

Number of steel pins attracted: _____

Accepted answers:

- ✓ 0
- ✓ zero

Question Type: Free Text
Date Added: Sun 4th Jul 2021
Last Modified: N/A
QID#: 28,310,117

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

[Remove From Test](#)

Question 62

Primary 4 Science » Primary 4 Science (Term 4)

0 pts

Lucy set-up another experiment using nail C. She changed the type of nail to copper.

Nail	Type of nail	Number of coils
C	Copper	12

Explain your answer. (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 4th Jul 2021
Last Modified: N/A
QID#: 28,310,122

Correctly answered feedback

Copper is not a magnetic material, thus it cannot be magnetized to become an electromagnet/cannot become a magnet.

Incorrectly answered feedback

Copper is not a magnetic material, thus it cannot be magnetized to become an electromagnet/cannot become a magnet.

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

[Remove From Test](#)