

 (F) Primary 4 Science (Term 3) - Henry Park 
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Test Introduction

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15 Questions (14 Points)

Question Bank: 20,000 Questions 

Test Questions

1 Test Assignment

Question 1

Primary 4 Science » Primary 4 Science (Term 3)

2 pts

Study the table below.

Sample	Shape	Good conductor of heat
F	Takes the shape of the container	Yes
G	Does not take the shape of the container	No
H	Takes the shape of the container	No
J	Does not take the shape of the container	Yes

Which one of the following identifies a sheet of aluminium foil and air correctly?

	A sheet of aluminium foil	Air
(1)	F	G
(2)	J	H
(3)	H	G
(4)	F	J

- A) 1
- B) 2
- C) 3
- D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 27th Nov 2020
Last Modified: N/A
QID#: 25,091,402

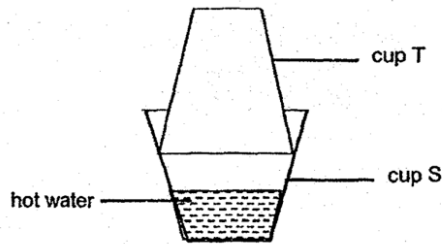
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Question 2

Primary 4 Science » Primary 4 Science (Term 3)

2 pts

Stacy poured hot water into plastic cup S. Another plastic cup T was placed upside down over the cup of hot water, as shown below. The set-up was placed in an air-conditioned room with temperature of about 20°C.



Which one of the following is most likely to occur?

- ✓ A) The hot water will lose heat to cup S
- B) Cup S will gain heat from the surroundings
- C) Cup T will lose heat to the hot water and expand
- D) The hot water will gain heat from the surroundings

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 27th Nov 2020
Last Modified: N/A
QID#: 25,091,423

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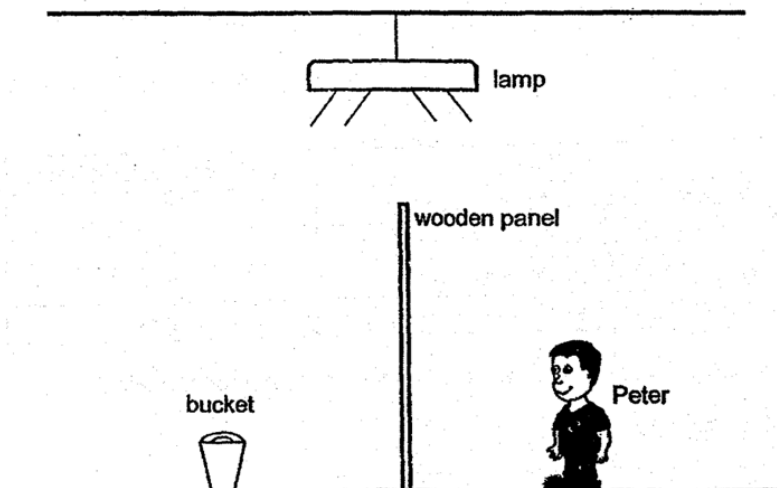
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Question 3

Primary 4 Science » Primary 4 Science (Term 3)

2 pts

Peter was standing behind a wooden panel, as shown in the diagram below.



Which one of the following explains why Peter was not able to see the bucket?

- A) The wooden panel is not a light source
- B) The bucket did not reflect light from the lamp
- C) The bucket did not allow light to pass through
- ✓ D) The wooden panel did not allow light to pass through

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 27th Nov 2020
Last Modified: N/A
QID#: 25,091,435

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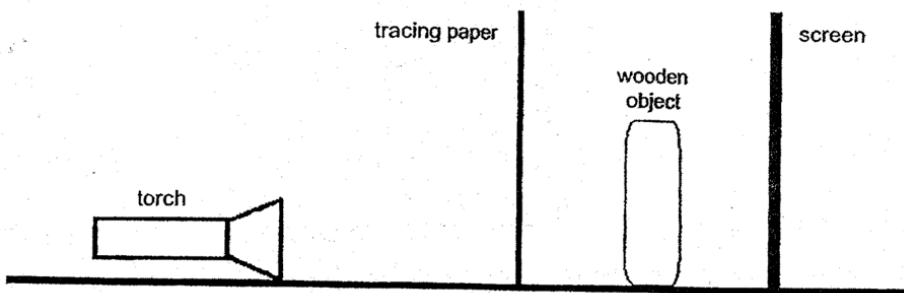
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Question 4

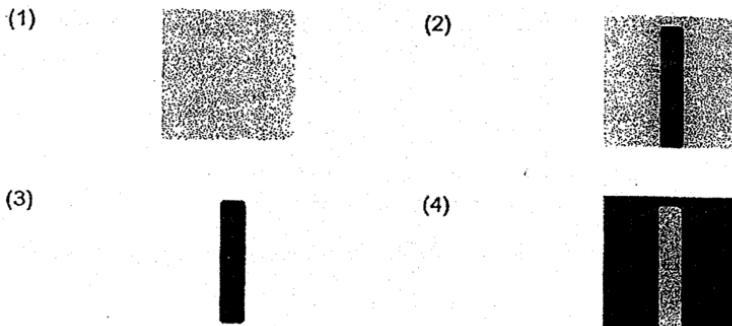
Primary 4 Science » Primary 4 Science (Term 3)

2 pts

A wooden object was placed between a piece of tracing paper and a screen, as shown in the diagram below.



Which one of the following shadows will be seen on the screen when the torch is switched on?



- A) 1
 B) 2
 C) 3
 D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 27th Nov 2020
Last Modified: N/A
QID#: 25,091,443

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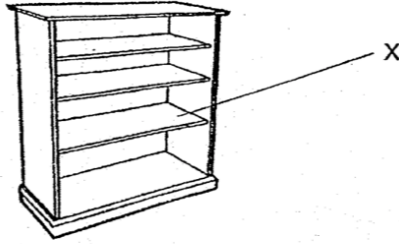
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Question 5

Primary 4 Science » Primary 4 Science (Term 3)

2 pts

Peter wants to make a bookshelf as shown below.



The table below shows some properties of four materials, A, B, C and D.

Material	Strong	Flexible
A	x	✓
B	✓	x
C	x	x
D	✓	✓

(✓ - has the property, x - does not have the property)

Which one of these materials, A, B, C or D, is most suitable for making part X of the bookshelf?

- A) A
- ✓ B) B
- C) C
- D) D

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 27th Nov 2020
Last Modified: N/A
QID#: 25,091,449

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Question 6

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2 pts

Which one of the following objects are made from materials that come from plants?

A: paper cup
 B: metal pipe
 C: rubber hose

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 27th Nov 2020
Last Modified: N/A
QID#: 25,091,462









Question 7

Primary 4 Science » Primary 4 Science (Term 3)

2 pts

The diagrams below show four different animals at its young and adult stage.

Which one of the following animals goes through a 4-staged life cycle?

	Animal	Young	Adult
(1)	Beetle		
(2)	Frog		
(3)	Duck		
(4)	Grasshopper		

- ✓ A) 1
B) 2
C) 3
D) 4

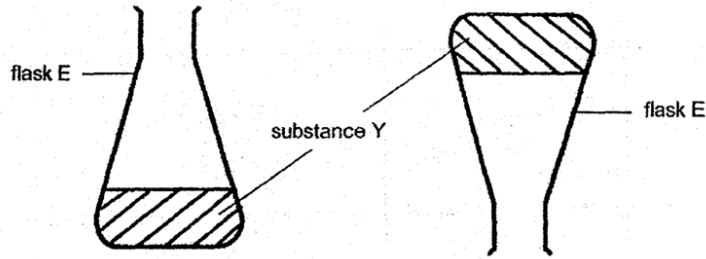
Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 27th Nov 2020
Last Modified: N/A
QID#: 25,091,468

Question 8

Primary 4 Science » Primary 4 Science (Term 3)

0 pts

Joan wanted to find out if substance Y found in flask E was solid, so she overturned the flask as shown below.



Explain why substance Y is likely to be a solid.

[1]

Question Type: Essay
Date Added: Fri 27th Nov 2020
Last Modified: N/A
QID#: 25,091,478

Correctly answered feedback

Substance Y has a definite shape

Incorrectly answered feedback

Substance Y has a definite shape

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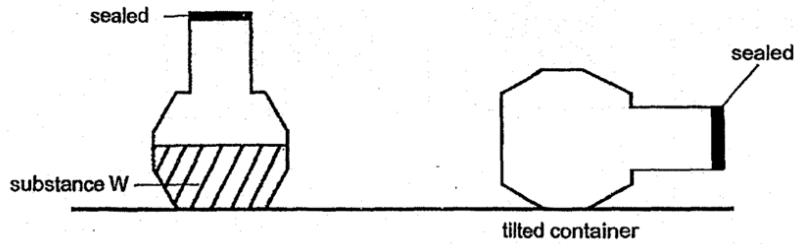
Question 9

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0 pts

Draw to show how substance W will appear in the tilted container if it is a liquid.

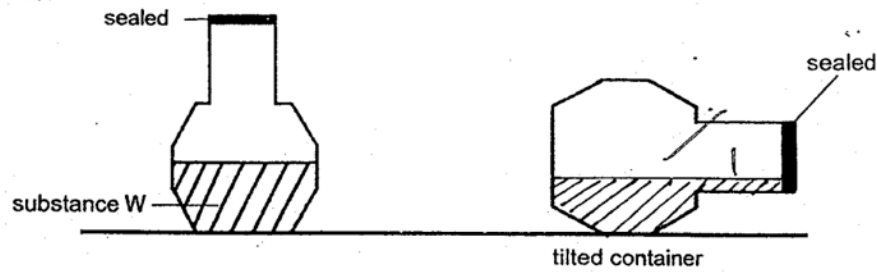
[1]



Please type "done" to proceed to the next question

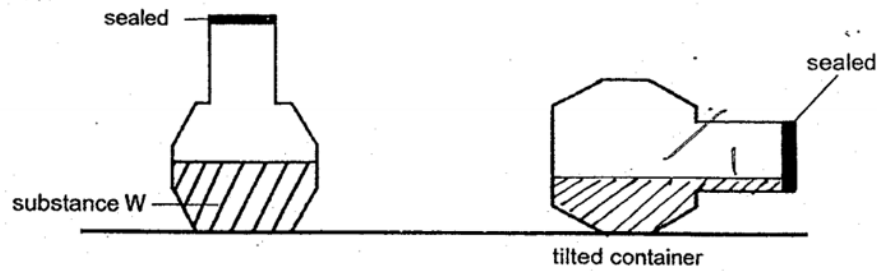
Question Type: Essay
Date Added: Fri 27th Nov 2020
Last Modified: N/A
QID#: 25,091,488

Correctly answered feedback



Liquids and gases have mass and occupy space.

Incorrectly answered feedback



Liquids and gases have mass and occupy space.

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Question 10

Primary 4 Science » Primary 4 Science (Term 3)

0 pts

Liquid and gases have mass and occupy space. State another common property of liquid and gases.

Question Type: Essay
Date Added: Fri 27th Nov 2020
Last Modified: N/A
QID#: 25,091,494

Correctly answered feedback

Liquid and gases both take the shape of a container when in it.

Incorrectly answered feedback

Liquid and gases both take the shape of a container when in it.

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

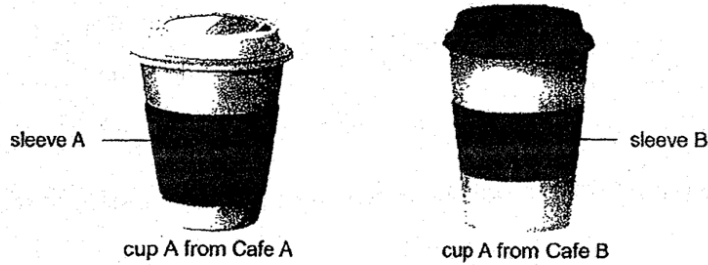
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Question 11

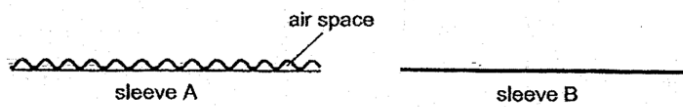
Primary 4 Science » Primary 4 Science (Term 3)

0 pts

Kathy bought a cup of coffee each from two different cafes, Cafe A and Cafe B. The two cups of coffee were served in paper cups with sleeves. The diagram below shows the sleeves from the two cafés.



The side view of the sleeve is shown below.



State the purpose of using the sleeve.

[1]

Question Type: Essay
Date Added: Fri 27th Nov 2020
Last Modified: N/A
QID#: 25,091,503

Correctly answered feedback

Using the sleeve can allow Kathy to hold the cup longer

Incorrectly answered feedback

Using the sleeve can allow Kathy to hold the cup longer

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Question 12

Primary 4 Science » Primary 4 Science (Term 3)

0 pts

Based on your answer in (a), which sleeve, A or B, allows Kathy to hold the cup of coffee longer? Give a reason for your answer.

Question Type: Essay
Date Added: Fri 27th Nov 2020
Last Modified: N/A
QID#: 25,091,515

Correctly answered feedback

Sleeve A as there are air space. Air is a poor conductor of heat. Hence, Sleeve A will transfer heat from the coffee slower, allowing Kathy to hold the cup longer.

Incorrectly answered feedback

Sleeve A as there are air space. Air is a poor conductor of heat. Hence, Sleeve A will transfer heat from the coffee slower, allowing Kathy to hold the cup longer.

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

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Question 13

Primary 4 Science » Primary 4 Science (Term 3)

0 pts

Cafe C served its coffee in a foam cup without the use of any sleeves. The table below shows the length of time Kathy was able to hold the cup of coffee before she found it too hot to hold.

Cup	A	B	C
Length of time Kathy was able to hold the cup (min)	10	7	20

Based on the table above, in which cup would the coffee reach room temperature first? Explain why.

[1]

Question Type: Essay
 Date Added: Fri 27th Nov 2020
 Last Modified: N/A
 QID#: 25,091,538

Correctly answered feedback

Cup B, as it loses heat the fastest.

Incorrectly answered feedback

Cup B, as it loses heat the fastest.

Answers | Edit | Duplicate | Used In | Reorder

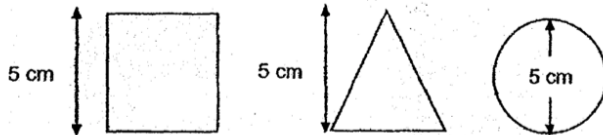
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Question 14

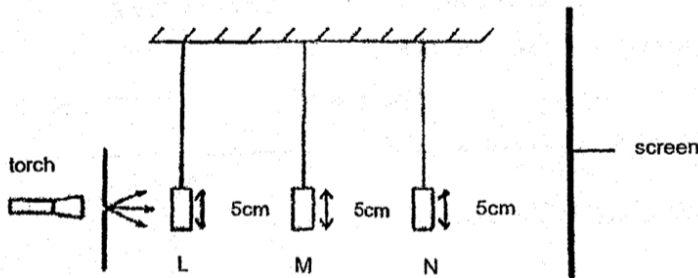
Primary 4 Science » Primary 4 Science (Term 3)

0 pts

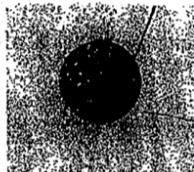
The diagrams below show three shapes, a square, a triangle and a circle, each made of a different material.



The diagram below shows the side view of the three shapes hung at positions, L, M and N.



The shadows cast on the screen are shown below.



Which shape is hung at position L? Explain your answer.

[2]

Question Type: Essay

Date Added: Fri 27th Nov 2020
 Last Modified: N/A
 QID#: 25,091,547

Correctly answered feedback

The square. The shadow of the square is the biggest as it is nearest to the torch.

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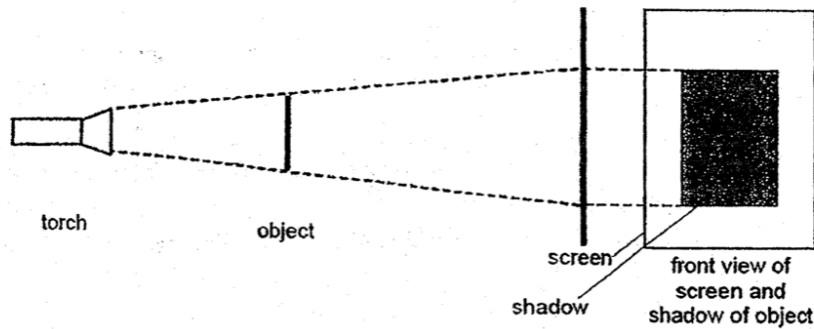
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Question 15

Primary 4 Science » Primary 4 Science (Term 3)

0 pts

Mary set up an experiment as shown below.



Study the diagram above and fill in the blanks below with the words "nearer to" and "further from".

[2]

In order to make the shadow on the screen **bigger**, Mary can

Move the torch _____ the object.

Move the screen _____ the object.

Question Type: Essay
 Date Added: Fri 27th Nov 2020
 Last Modified: N/A
 QID#: 25,091,559

Correctly answered feedback

1. nearer to
2. further from

Incorrectly answered feedback

1. nearer to
2. further from

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

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