


 **Primary 4 Science (Term 3) - Pei Hwa**  Duplicate Print Delete Assign Test**Test Introduction**[+ Add Introduction](#)**14 Questions** (16 Points)Question Bank: 20,000 Questions 

Test Questions

1 Test Assignment

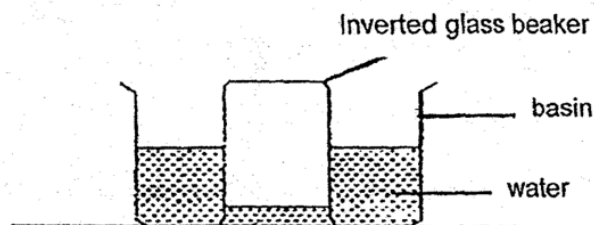
**Question 1**

Primary 4 Science » Primary 4 Science (Term 3)

2 pts

For each question, from 1 to 6, four options are given. One of them is correct. (12marks)

Alice took an empty glass beaker, inverted it and pushed it into a basin of water. She noticed that only a small amount of water entered the glass beaker.



This experiment showed that air \_\_\_\_\_.

- A) has mass
- B) can move
- ✓ C) takes up space
- D) cannot be compressed

**Question Type:** Multiple Choice  
**Randomize Answers:** No  
**Date Added:** Mon 30th Nov 2020  
**Last Modified:** Mon 30th Nov 2020  
**QID#:** 25,133,524

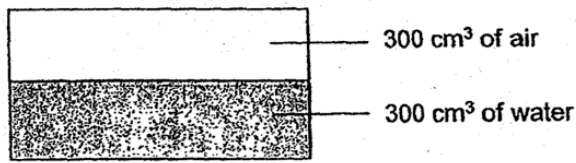
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## Question 2

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2 pts

A sealed container is filled with water and air as shown below.



Gerald drained out  $100\text{cm}^3$  of water and pumped in another  $50\text{cm}^3$  of air into the container.

What is the volume of air in the container after this?

- A)  $450\text{cm}^3$
- ✓ B)  $400\text{cm}^3$
- C)  $350\text{cm}^3$
- D)  $300\text{cm}^3$

**Question Type:** Multiple Choice  
**Randomize Answers:** No  
**Date Added:** Mon 30th Nov 2020  
**Last Modified:** Mon 30th Nov 2020  
**QID#:** 25,133,536

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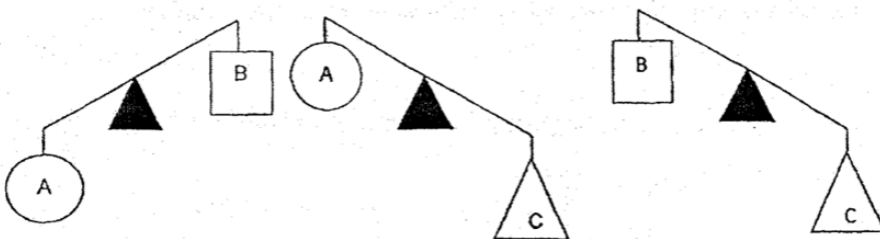
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## Question 3

Primary 4 Science » Primary 4 Science (Term 3)

2 pts

Three objects A, B and C have different masses. They are hung on a rod in pairs as shown below.



Arrange A, B and C according to their masses, beginning with the least mass.

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

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

Date Added: Mon 30th Nov 2020  
 Last Modified: Mon 30th Nov 2020  
 QID#: 25,133,553

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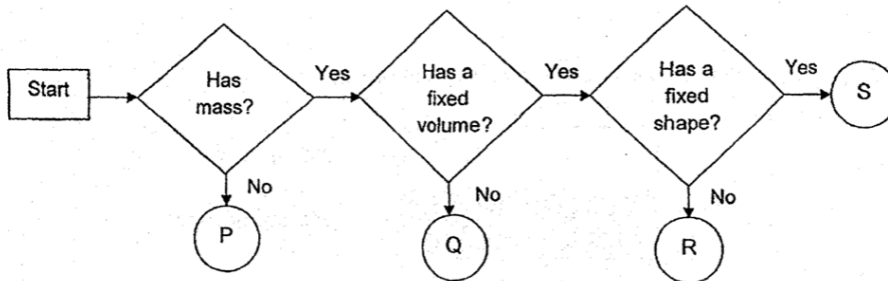
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## Question 4

Primary 4 Science » Primary 4 Science (Term 3)

2 pts

Study the flowchart below.



Based on the information above, what could P, Q, R and S likely be?

	P	Q	R	S
(1)	Heat	Oxygen	Orange Juice	Milk
(2)	Shadow	Wind	Oxygen	Sponge
(3)	Heat	Orange Juice	Sponge	Oxygen
(4)	Music	Wind	Milk	Cup

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

Question Type: Multiple Choice  
 Randomize Answers: No  
 Date Added: Mon 30th Nov 2020  
 Last Modified: Mon 30th Nov 2020  
 QID#: 25,133,562

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## Question 5

Primary 4 Science » Primary 4 Science (Term 3)

2 pts

Carrie left a jug of hot water on a table and measured the temperature of the water in the jug every minute for ten minutes. She recorded the temperatures taken in the table below.

Time (min)	0	1	2	3	4	5	6	7	8	9	10
Temperature (°C)	95	93	90	88	85	83	80	76	74	70	66

Which of the sentences below best describes the results?

- A) The surrounding air gained heat from the water in the jug



- B) The water in the jug gained heat from the surrounding air
- C) The water in the jug gained coldness from the surrounding air
- D) The surrounding air transferred coldness to the water in the jug

**Question Type:** Multiple Choice  
**Randomize Answers:** No  
**Date Added:** Mon 30th Nov 2020  
**Last Modified:** Mon 30th Nov 2020  
**QID#:** 25,133,581

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## Question 6

Primary 4 Science » Primary 4 Science (Term 3)

2 pts

An object from the Moon was brought to Earth by scientists. The properties of this objects are listed below:

- It has a definite shape
- It has a definite volume
- It cannot be compressed

Based on the information above. What is the state of matter of this object?

- A) Gas
- B) Solid
- C) Liquid
- D) a non-matter

**Question Type:** Multiple Choice  
**Randomize Answers:** No  
**Date Added:** Mon 30th Nov 2020  
**Last Modified:** Mon 30th Nov 2020  
**QID#:** 25,133,617

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## Question 7

Primary 4 Science » Primary 4 Science (Term 3)

1 pt

Diagram A shows the water level in a measuring cylinder. Diagram B shows the new water level when a stone is placed in the same measuring cylinder.

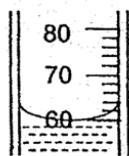


Diagram A

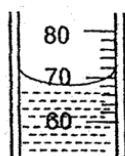


Diagram B

- a) How much water does the measuring cylinder contain before the stone was placed?

[1]

\_\_\_\_\_ cm<sup>3</sup>

**Accepted answers:**

- ✓ 60
- ✓ 60cm3
- ✓ 60 cm3

**Question Type:** Free Text  
**Date Added:** Mon 30th Nov 2020  
**Last Modified:** N/A  
**QID#:** 25,133,645

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**Question 8**

Primary 4 Science » Primary 4 Science (Term 3)

1 pt

b) What is the volume of the stone?

[1]

\_\_\_\_\_ cm<sup>3</sup>

**Accepted answers:**

- ✓ 8
- ✓ 8cm3
- ✓ 8 cm3

**Question Type:** Free Text  
**Date Added:** Mon 30th Nov 2020  
**Last Modified:** N/A  
**QID#:** 25,133,653

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**Question 9**

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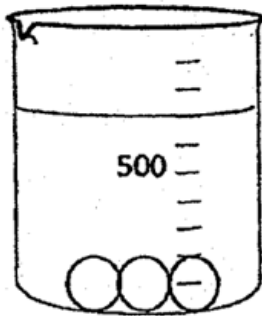
1 pt

Eddie placed some marbles into a beaker and added 500 ml of water.

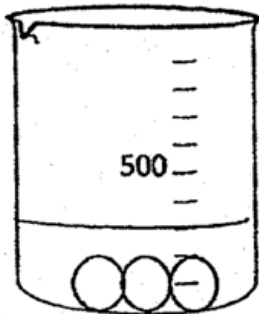
a) Put a tick (✓) to show the final water level in the beaker after 500 ml of water is poured in.

[1]

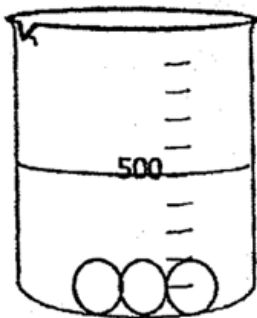
- ✓ A)



B)



C)



**Question Type:** Multiple Choice  
**Randomize Answers:** No  
**Date Added:** Mon 30th Nov 2020  
**Last Modified:** N/A  
**QID#:** 25,133,670

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## Question 10

Primary 4 Science » Primary 4 Science (Term 3)

0 pts

Give a reason for your answer in (a).

**Question Type:** Essay  
**Date Added:** Mon 30th Nov 2020  
**Last Modified:** N/A  
**QID#:** 25,133,684

### Correctly answered feedback

As the marbles have mass and definite volume, the water level rises when three marbles were put into the beaker.

**Incorrectly answered feedback**

As the marbles have mass and definite volume, the water level rises when three marbles were put into the beaker.

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**Question 11**

Primary 4 Science » Primary 4 Science (Term 3)

1 pt

Ben pumped  $500 \text{ cm}^3$  of air into the sealed bottle with volume of  $350 \text{ cm}^3$  as shown below.



Sealed bottle with volume of  $350 \text{ cm}^3$

- a) State the volume of air in the sealed bottle after she had pumped in  $500 \text{ cm}^3$  of air. [1]

**Accepted answers:**

- ✓ 350cm3
- ✓ 350 cm3
- ✓ 350

**Question Type:** Free Text  
**Date Added:** Mon 30th Nov 2020  
**Last Modified:** N/A  
**QID#:** 25,133,695

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**Question 12**

Primary 4 Science » Primary 4 Science (Term 3)

0 pts

What are the 2 properties of gas shown in the experiment above?

**Question Type:** Essay  
**Date Added:** Mon 30th Nov 2020  
**Last Modified:** N/A  
**QID#:** 25,133,703

**Correctly answered feedback**

1. Air can be compressed
2. No definite volume

**Incorrectly answered feedback**

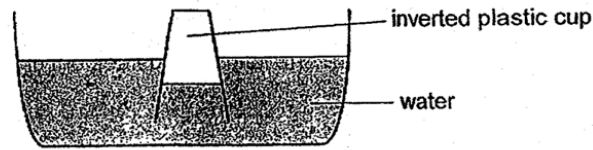
1. Air can be compressed
2. No definite volume

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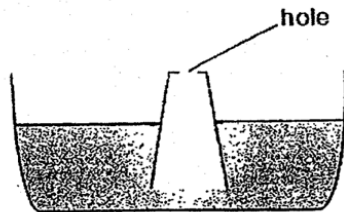
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## Question 13

Carol inverted an empty plastic cup into a basin of water. She observed the water level in the cup as shown in the diagram below.



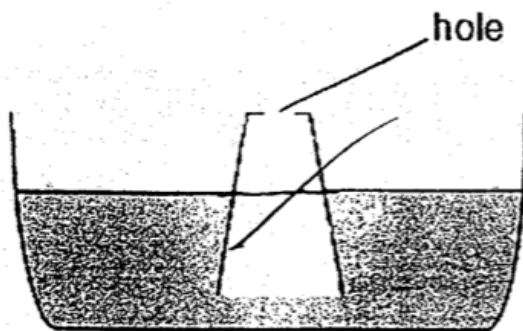
- a) Without lifting the cup out of the basin, Carol then poked a hole in the base of the cup. Draw a line in the cup below to show clearly the new water level in the cup after she had poked the hole. [1]



Please type "done" to proceed to the next question

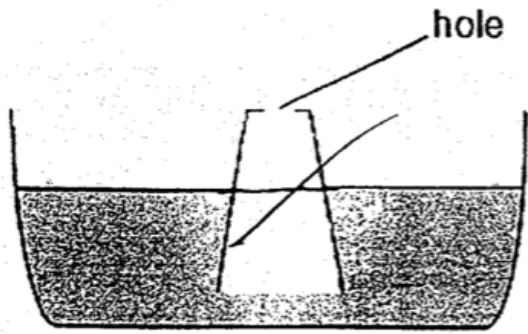
Question Type: Essay  
 Date Added: Mon 30th Nov 2020  
 Last Modified: N/A  
 QID#: 25,133,715

Correctly answered feedback



Incorrectly answered feedback





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## Question 14

Primary 4 Science » Primary 4 Science (Term 3)

0 pts

Give a reason for your answer in (a)

**Question Type:** Essay  
**Date Added:** Mon 30th Nov 2020  
**Last Modified:** N/A  
**QID#:** 25,133,724

### Correctly answered feedback

When the air escaped from the hole, the water went into the cup to occupy space.

### Incorrectly answered feedback

When the air escaped from the hole, the water went into the cup to occupy space.

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