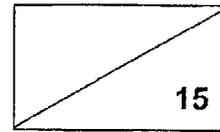


NANYANG PRIMARY SCHOOL
Term 1 Weighted Assessment
Science
Primary 4



Name: _____ () Date: _____

Class: 4 _____ Parent's signature: _____

Dear Parent/Guardian,

Please sign the Weighted Assessment paper and have your child/ward return it the next day. Any query should be raised at the same time when returning the paper.

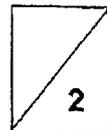
Section A: Multiple Choice Questions (10 marks)

For each question from 1 to 5, four options (1, 2, 3 and 4) are given. One of them is the correct answer. Indicate your choice in the brackets provided.

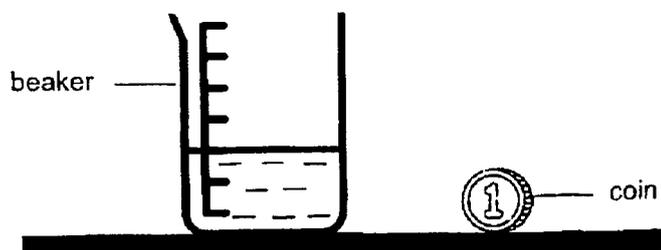
1. Which one of the following options consists of non-matter only?

Non-matter	
(1)	Thunder Air
(2)	Wind Lightning
(3)	Sunlight Music
(4)	Saliva Shadow

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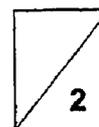
2. Jasmine placed a coin into a beaker of water as shown below.



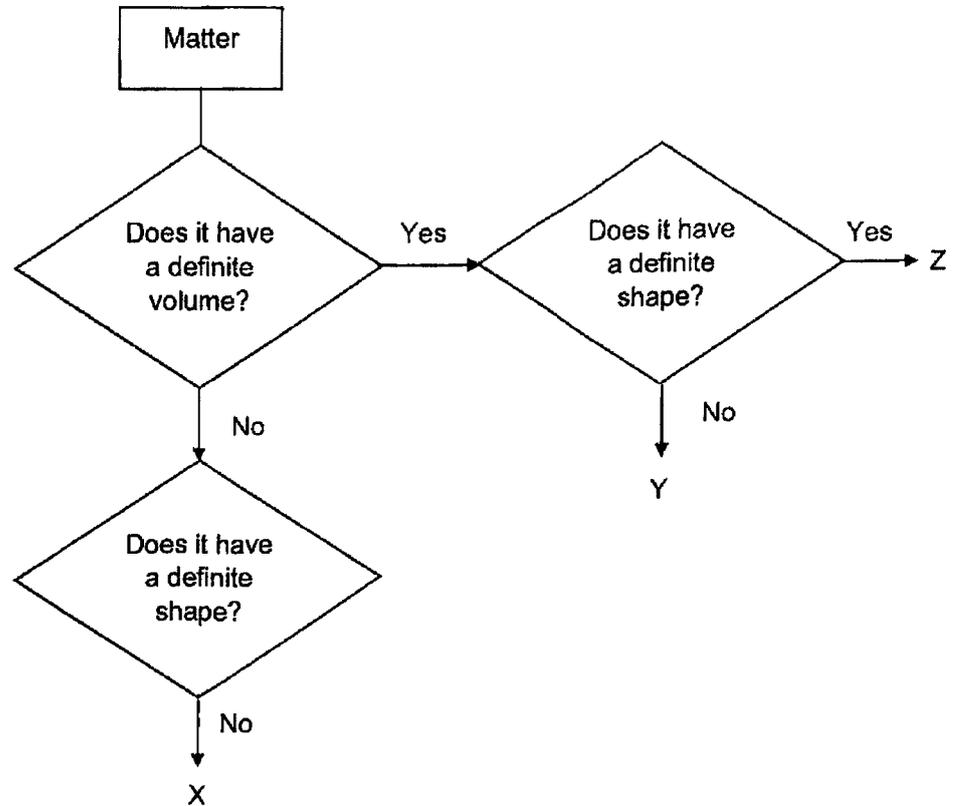
Which one of the following about the coin is correct?

- (1) Both the shape and volume of the coin changed.
- (2) Both the shape and volume of the coin did not change.
- (3) The volume of the coin changed but the shape did not change.
- (4) The shape of the coin changed but the volume did not change.

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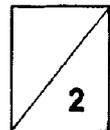
3. The diagram below shows a flowchart.



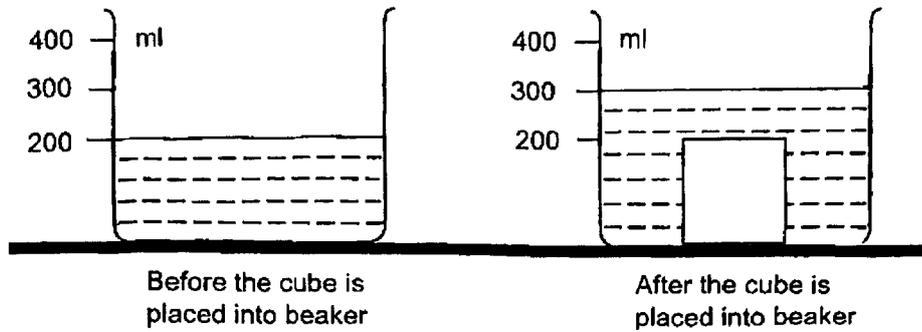
Which of the following letters best represents orange juice?

- (1) X
- (2) Y
- (3) Z
- (4) X and Y

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4. The diagram below shows the observations made before and after a cube is placed into a beaker of water.

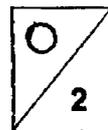


Which of the following information can be obtained from the experiment above?

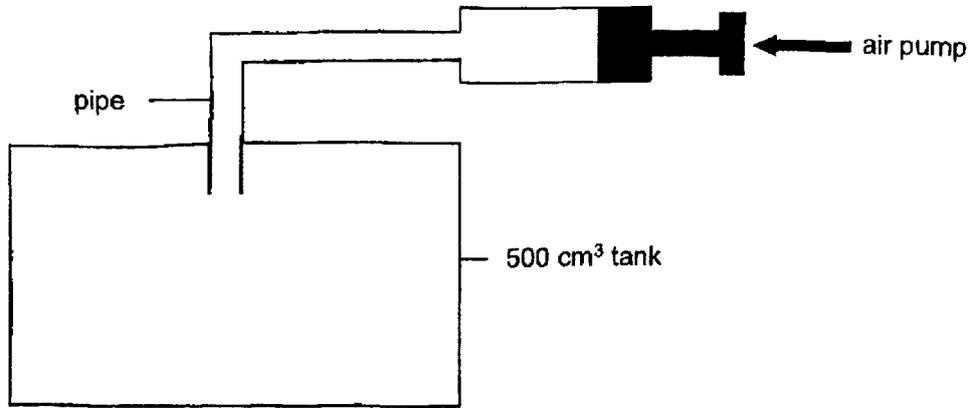
- A The cube weighs 100 g.
- B The cube occupies space.
- C The volume of the cube is 100 cm³.
- D The volume of the water in the beaker has increased to 300 cm³.

- (1) A and B only
- (2) B and C only
- (3) A, B and C only
- (4) B, C and D only

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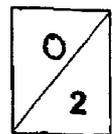
5. Steven has a 500 cm^3 tank as shown below. Using an air pump, he pumped in 200 cm^3 of air into the tank.



How much air is there in the tank in the end?

- (1) 200 cm^3
- (2) 300 cm^3
- (3) 500 cm^3
- (4) 700 cm^3

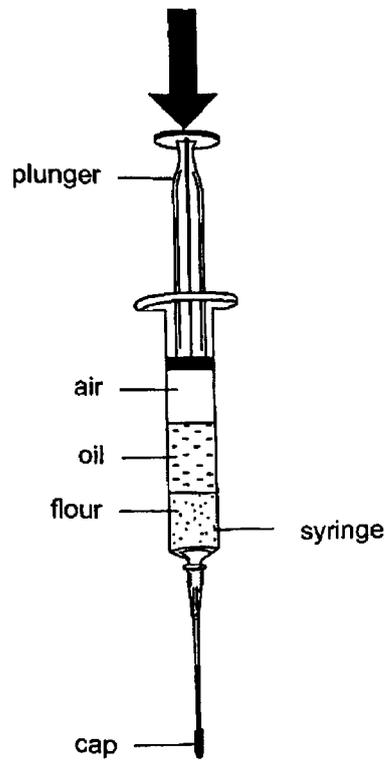
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Section B: Open-Ended Questions (5 marks)

For questions 6 and 7, write down your answers in the spaces provided.

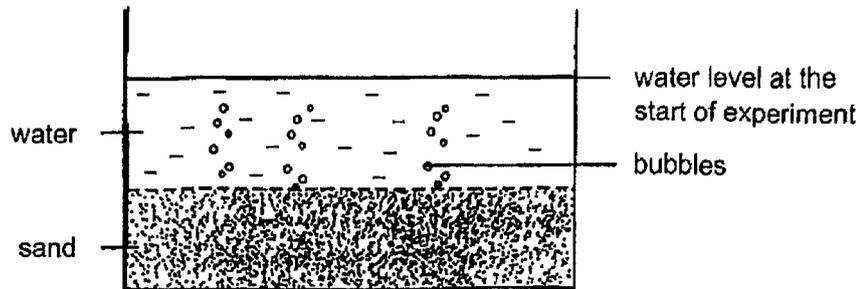
6. Study the diagram below.



(a) State two properties of liquid. [1]

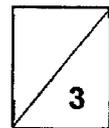
(b) Can the plunger be pushed downwards in the direction as shown? Using a property of matter, explain your answer. [1]

7. When Peter poured water into a container of sand, bubbles are observed appearing from the sand and moving upwards as shown below.



- (a) After 5 minutes, what will Peter observe about the water level? [1]

- (b) Explain your answer in (a). [2]



Nanyang Primary School
P4 SCIENCE WA1 2025
Answer Key

Section A

1.	3	2.	2	3.	2	4.	2	5.	3
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Section B

Qn No	Acceptable Answers
7a.	Liquid has no definite shape. Liquid has a definite volume/ cannot be compressed.
7b.	Yes. Air can be compressed./ does not have definite volume.
8a.	Water level will decrease.
8b.	There is air/ air spaces between the sand. The water occupied the space previously occupied by the air. OR Water displaced the air between/ in the sand.

