



**NGUYEN SIEU SCHOOL**  
**CAMBRIDGE PRIMARY DEPARTMENT**  
**School Year 2021-2022**

Name: \_\_\_\_\_

**SCIENCE** Class 2CI\_\_\_\_\_

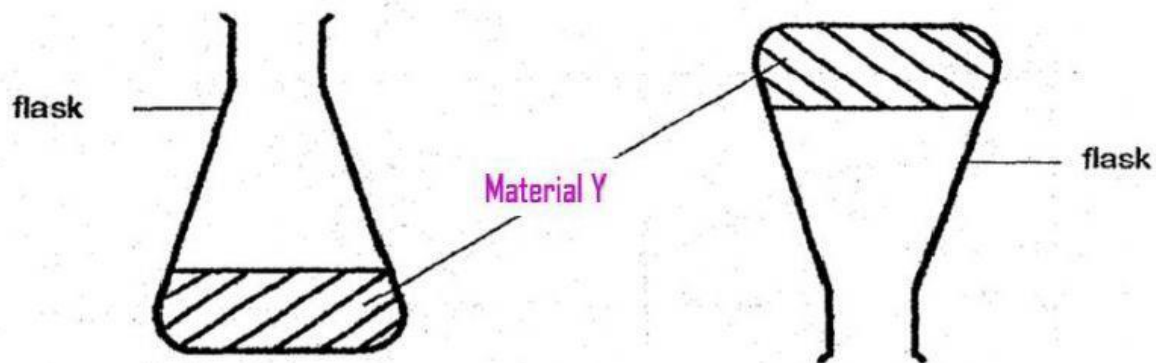
Date: \_\_\_\_\_

**Topic(s): Unit 2.1 Solids, Liquids and Gases**  
**(Properties and behaviour of the particles of matters)**

**A. Read each statement and click on the write column.**

| Statement                                                                   | True | False |
|-----------------------------------------------------------------------------|------|-------|
| 1. When particles of a matter absorb heat energy, they move slower.         |      |       |
| 2. Liquid particles are loosely bonded. They slide past each other.         |      |       |
| 3. Gases have particles that move faster and further apart.                 |      |       |
| 4. Solids have fixed shape but no fixed volume.                             |      |       |
| 5. Liquids have fixed volume but no fixed shape.                            |      |       |
| 6. Gases have no fixed shape and no fixed volume.                           |      |       |
| 7. Solid particles are packed tightly together. They only vibrate in place. |      |       |
| 8. Gas particles have the least energy.                                     |      |       |

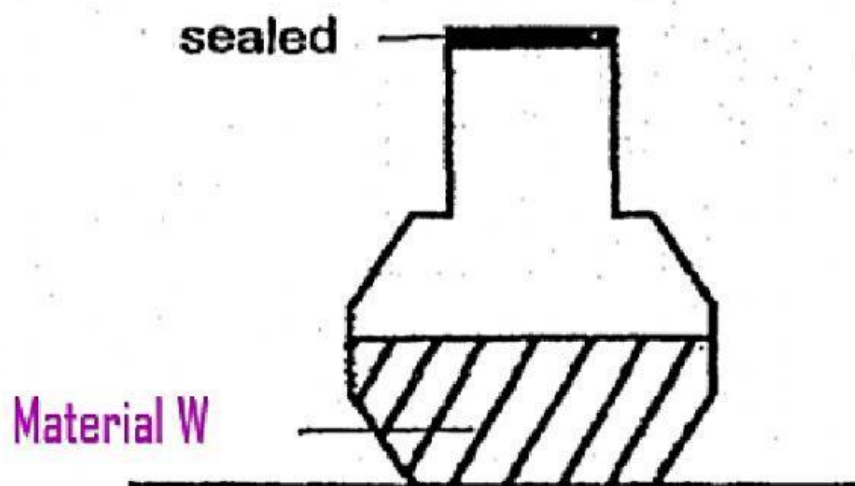
B. Joan wanted to find out if **Material Y** found in a flask was solid, so she overturned the flask as shown below.

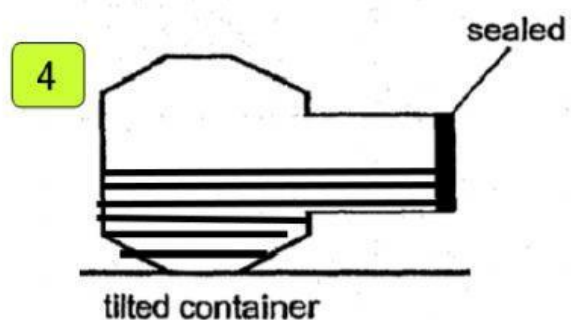
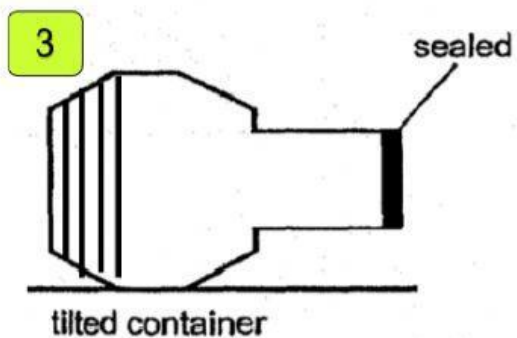
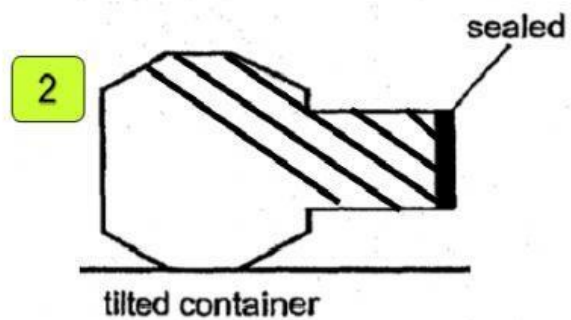
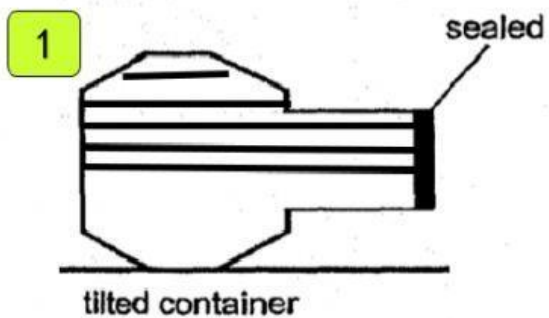


Why **Material Y** is likely to be a solid?

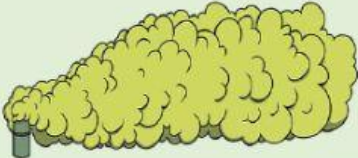
- a. It changed shape when the flask was overturned.
- b. It changed volume when the flask was overturned.
- c. It didn't change shape when the flask was overturned.

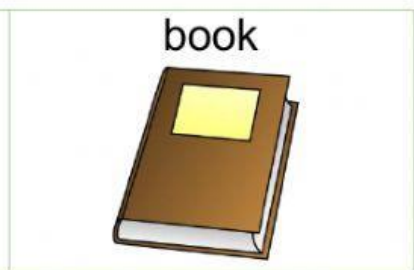
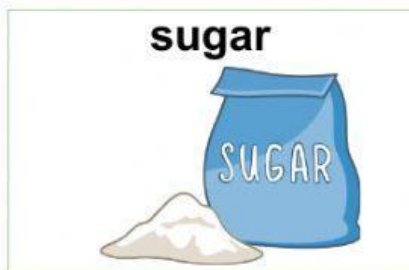
Look at **Material W**. How will it look like in the tilted container if it is a liquid?





C. Classify the following matters.

|                                                                                                                |                                                                                                         |                                                                                                                |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Hydrogen sulfide</b><br> | <b>ice</b><br>       | <b>Carbon dioxide</b><br> |
| <b>Honey</b><br>            | <b>chlorine</b><br> | <b>Blood</b><br>          |



SOLIDS

LIQUIDS

GASES

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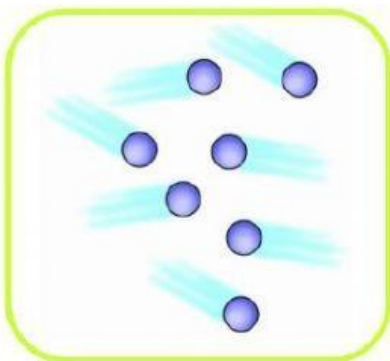
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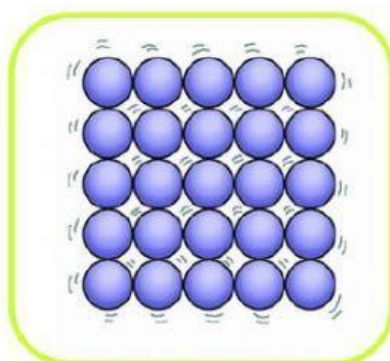
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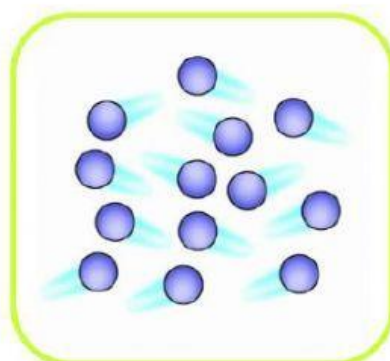
**D. Name the state of matter shown in each model of particles.**



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