



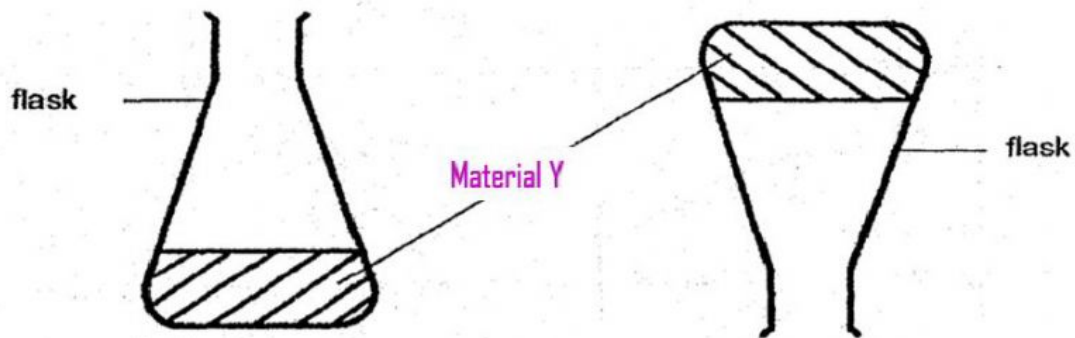
Name: _____ **SCIENCE** Class 2CI _____ Date: _____

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.		

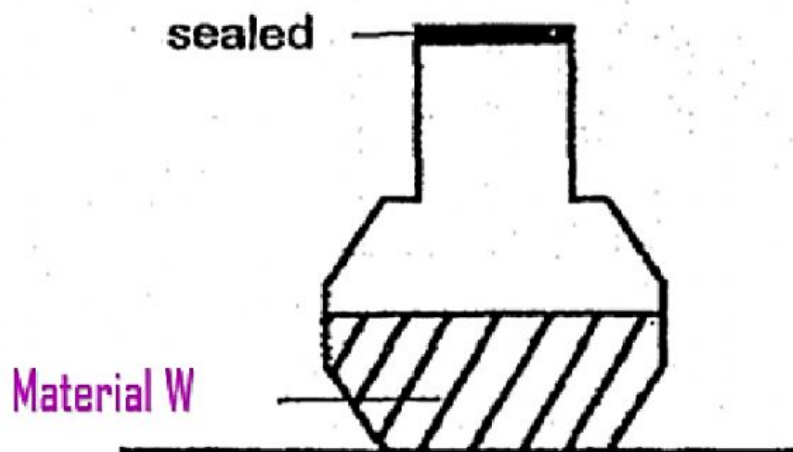
B. Joan wanted to find out if **Material Y** found in a flask was solid, so she overturned the flask as shown below.

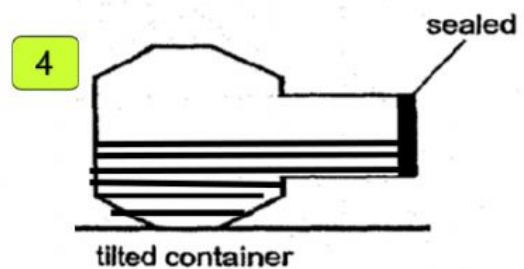
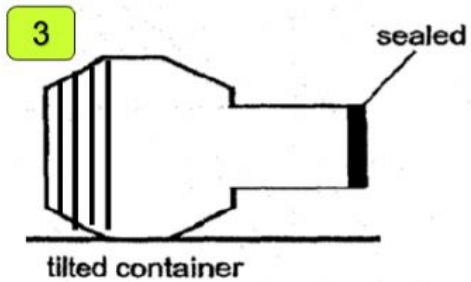
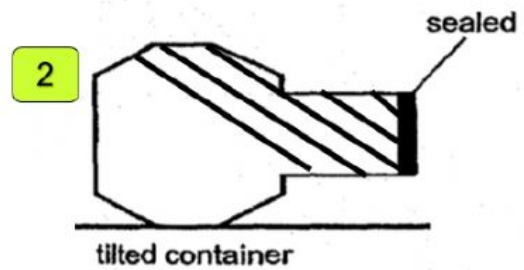
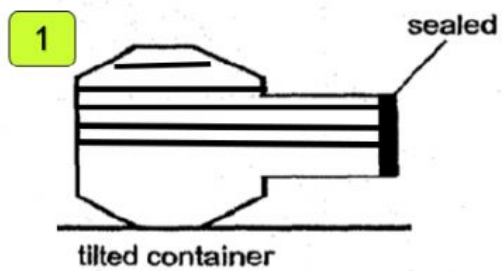


Why **Material Y** is likely to be a solid?

- 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. Study the table below.










	Has a fixed volume
Has a fixed shape	X
Has no fixed shape	Y

Which of the following represents X and Y in the table above?

- A air
- B ice
- C heat
- D water

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

D. Classify the following matters.

Hydrogen sulfide 	ice 	Carbon dioxide 
Honey 	chlorine 	Blood 
sugar 	tea 	book 

SOLIDS

LIQUIDS

GASES
