SAMPOERNA ACADEMY

Unit 3 Test – Solids, Liquids and Gases

Name : _____ **Class** : _____

Questions 1-5

Write the correct words in the spaces to complete each sentence. Use each of the following words:

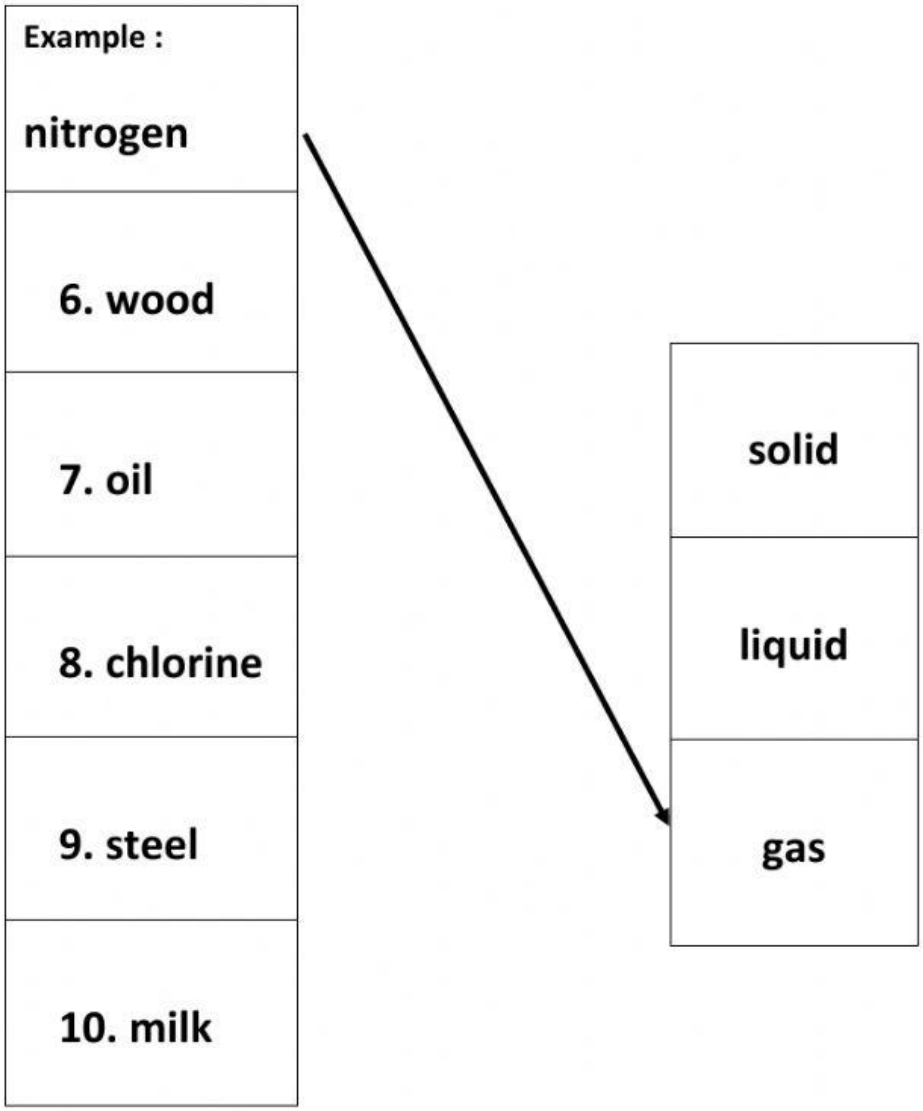
particles	**phase change**	**solid**	**matter**	**ice**

1. Everything consists of _____. [1]
2. All matter consists of _____. [1]
3. Cooling causes a liquid to experience a _____. [1]
4. Cooling causes a liquid to change into a _____. [1]
5. An example of this is when water changes to _____. [1]

LIVEWORKSHEETS

Questions 6-10

Draw a line to match each substance to its state of matter. The first one has been done for you.



LIVEWORKSHEETS

Questions 11-15

Answer **solid, liquid** or **gas** to the descriptions of how matter behaves. The first one has been done for you.

Example:

Can change shape by spreading out over a surface. Liquid [1]

11. Has no shape unless it is in a sealed container. _____ [1]

12. Does not change shape. _____ [1]

13. Forms when liquid is heated to boiling point. _____ [1]

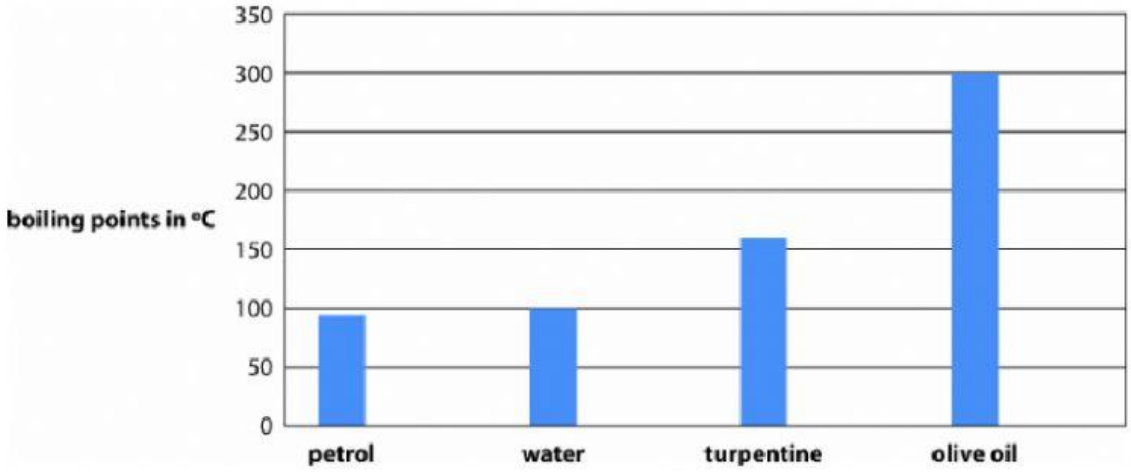
14. Forms when a solid is heated to melting point. _____ [1]

15. Forms when a liquid is cooled to freezing point. _____ [1]

LIVEWORKSHEETS

Questions 16-20

Look at the bar graph showing boiling points of four liquids measured in degrees Celsius (°C), then answer the questions.



Write the boiling point of each:

16. olive oil _____ [1]
17. water _____ [1]
18. turpentine _____ [1]
19. petrol _____ [1]
20. Fill in the words to describe the phase change when a liquid boils.

_____ ⟶ _____ [2]

LIVEWORKSHEETS