



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

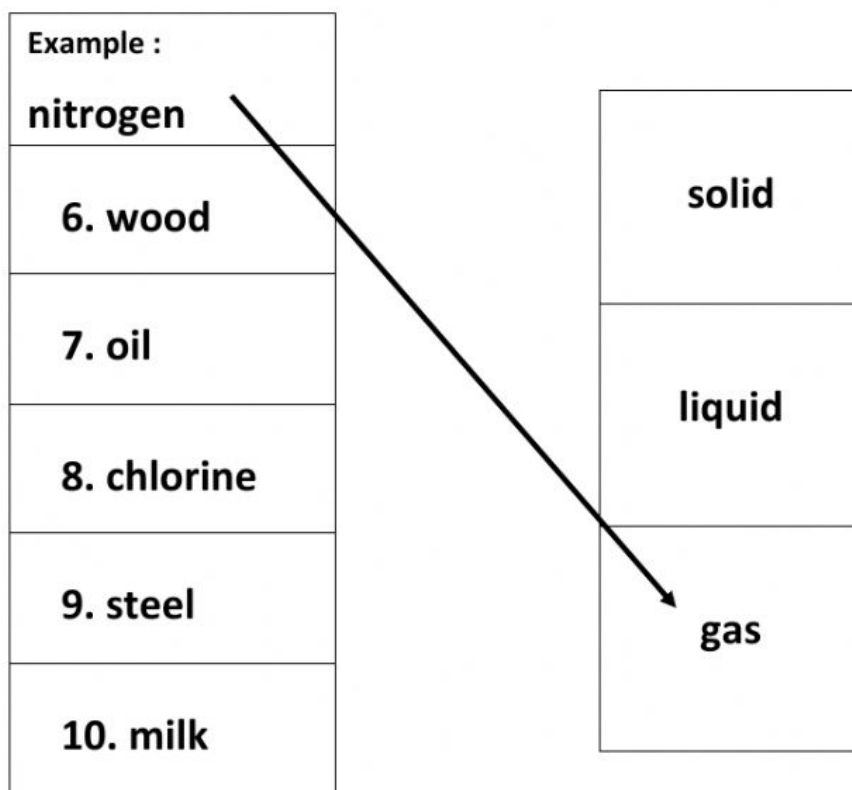
matter

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]

Questions 6-10

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



### 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]

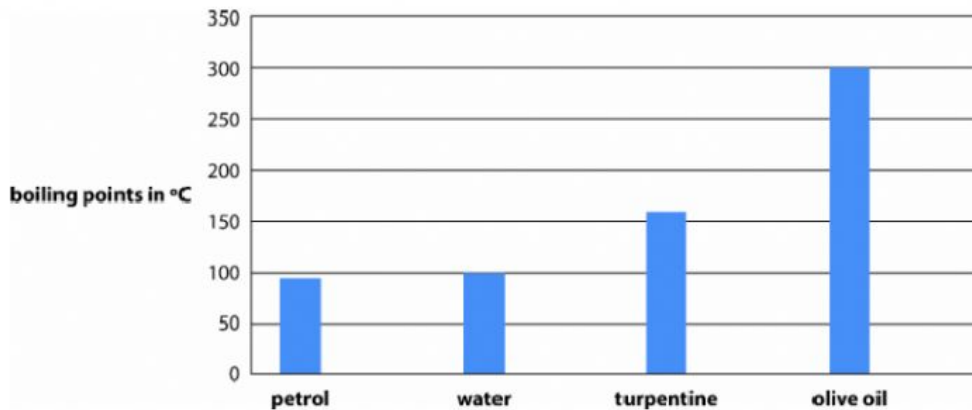
13. Forms when liquid is heated to boiling point.                      [1]

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

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

## Questions 16-20

Look at the bar graph showing boiling points of four liquids measured in degrees Celsius ( $^{\circ}\text{C}$ ), 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.

\_\_\_\_\_  $\longrightarrow$  \_\_\_\_\_ [2]