

(NS)

4^o

Unit 5

Matter and materials

Name _____

/35 Exam :

N° List: _____

Date _____

Vocabulary:

Oral

1 Read the text about matter and complete. (7)

colour general matter space specific substances volume

a. _____ is everything around us that takes up b. _____.

Objects are made of different types of matter called c. _____. Matter has d. _____ properties that are common to all matter, such as mass and e. _____. Matter also has f. _____ properties that are different for each substance, for example, g. _____ and hardness.

2 Write M (mass), V (volume) or D (density). (6)

- a. The amount of space an object occupies.
- b. The amount of matter in an object.
- c. The amount of matter concentrated in one cubic centimetre of volume.
- d. Measured in grams (g) and kilograms (kg).
- e. Measured in litres (l) and millilitres (ml).
- f. Measured in grams per cubic centimetre (g/cm³).

3 Write G (general property) or S (specific property) for each property of matter. (6)

colour mass transparency taste hardness volume

4 Look and circle the correct words. (4)



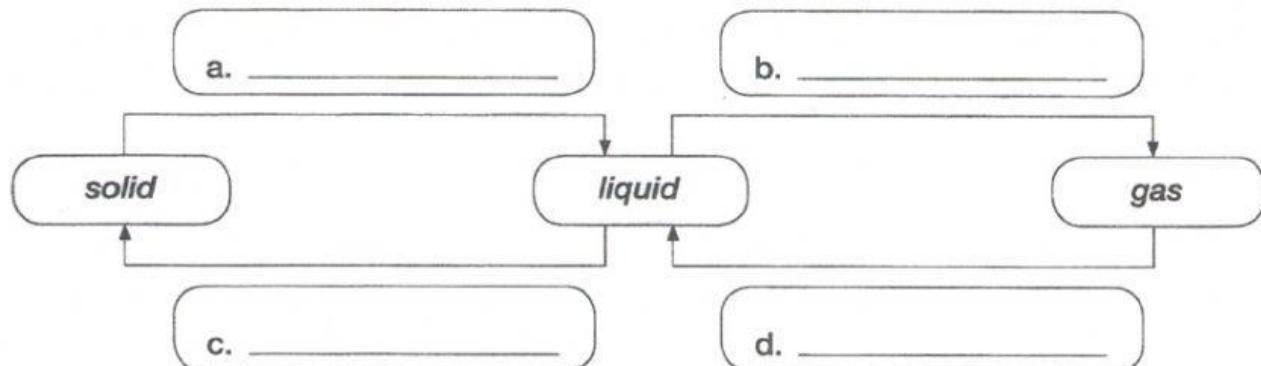
a. The density of the brick is **higher** / **lower** than the density of water, so it **sinks** / **floats** in water.

b. The density of the leaf is **higher** / **lower** than the density of water, so it **sinks** / **floats** in water.



5 Complete the diagram with the changes of state. (4)

CHANGES OF STATE



6 Match the types of mixtures to the descriptions and examples. (8)

a. heterogeneous mixture

A homogeneous mixture of two different metals.

salt water

b. homogeneous mixture

You can see the separate substances.

air

c. alloy

A homogeneous mixture in which one substance dissolves in another.

granite

d. solution

You cannot see the different components.

steel

Matter and materials