

(NS)

4^o

Unit 5

Matter and materials

Name _____

/35 Exam :

Vocabulary:

N^o List: _____

Date _____

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)

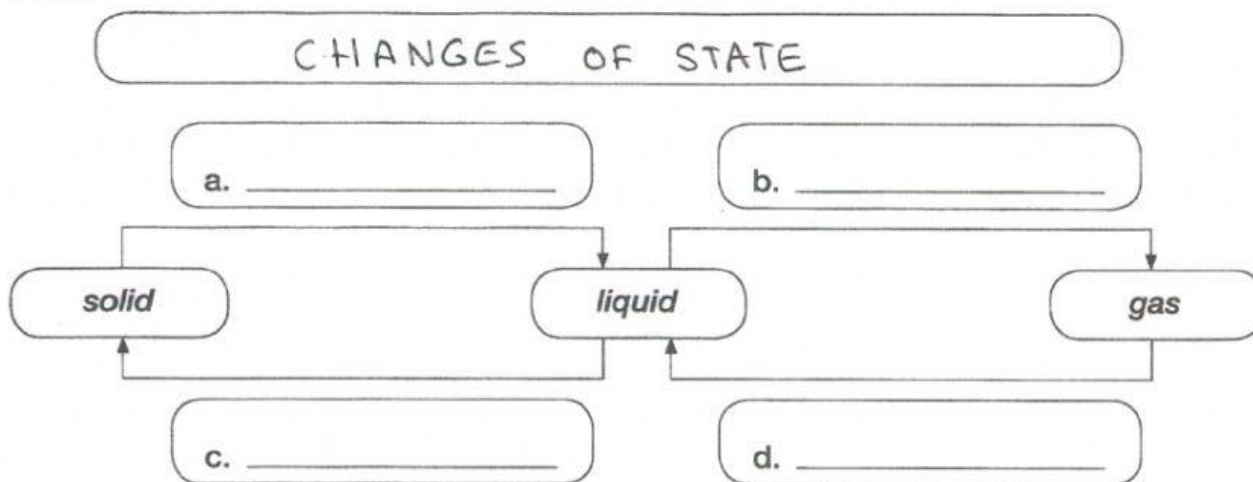


a. The density of the brick is **higher / lower** than the density of water, so it **sinks / floats** in water.

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)



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

<p>a. heterogeneous mixture</p>	<p><input type="radio"/> A homogeneous mixture of two different metals.</p>	<p><input type="radio"/> salt water</p>
<p>b. homogeneous mixture</p>	<p><input type="radio"/> You can see the separate substances.</p>	<p><input type="radio"/> air</p>
<p>c. alloy</p>	<p><input type="radio"/> A homogeneous mixture in which one substance dissolves in another.</p>	<p><input type="radio"/> granite</p>
<p>d. solution</p>	<p><input type="radio"/> You cannot see the different components.</p>	<p><input type="radio"/> steel</p>

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