MATTER AND MATERIALS



1. Read the text about matter and complete.

colour *general* *matter* *space* *specific* *substances* *volume*

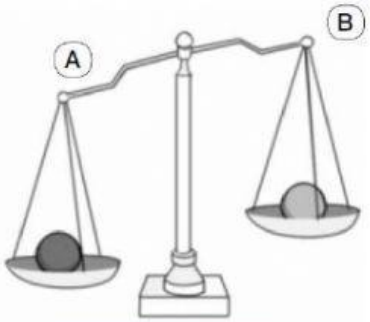
a. _____ is everything around us that takes up **b.** _____.
Objects are made of different types of matter called **c.** _____. Matter has **d.** _____ properties that are common to all matter, such as mass and **e.** _____. Matter also has **f.** _____ properties that are different for each substance, for example, **g.** _____ and hardness.

2. Complete the table about matter.

grams *litres* *matter* *scales* *space* *volume*

	definition	is measured in	is measured with
mass	the amount of _____ in an object	kilograms (kg) and _____	_____
_____	the amount of _____ that an object occupies	_____ (l) and millilitres (ml)	a measuring cylinder

3. Look at the pictures and answer the questions.



a. Do the balls have the same volume? _____
b. Do the balls have the same mass? _____
c. Which ball has the higher density? _____



4. Match the descriptions to the changes in matter. Then, write C (chemical change) or P (physical change).

a.	A gas becomes a liquid.	melting	☐
b.	A substance burns.	evaporation	☐
c.	A liquid becomes a solid.	combustion	☐
d.	A liquid becomes a gas.	condensation	☐
e.	A substance combines with oxygen.	solidification	☐
f.	A solid becomes a liquid.	oxidation	☐

5. Read and write granite or bronze.

Read and write *granite* or *bronze*.

a. You can see the separate substances. _____

b. It has a uniform composition. _____

c. It's a homogeneous mixture. _____

d. It's a heterogeneous mixture. _____

e. It's an alloy. _____





6. Classify the materials.

leather *marble* *paper* *glass* *plastic* *wood*

natural materials	man-made materials

