

MATTER AND MATERIALS

1. Put "G" for general properties and "S" for specific properties.

Mass

Hardness

Transparency

Colour

Density

Volume

Taste

2. Fill in the gaps with the correct word.

{ general mass volume matter
space substances specific density }

_____ is everything around us that takes up _____.

Objects are made up of different types of matter called

_____.

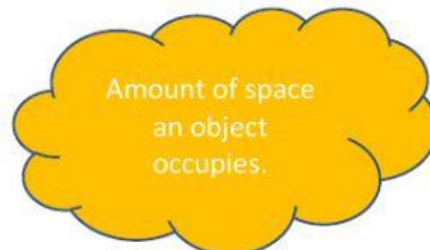
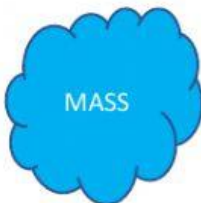
Matter has _____ properties that are common to all

matter, like _____ and _____. Matter also has

_____ properties that are different for each substance,

like _____.

Match the columns.



Complete the sentences with the correct word(s).

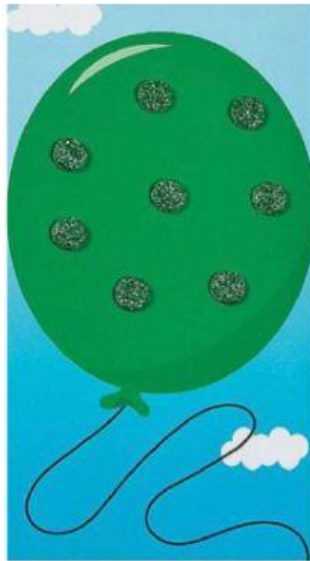
Measuring cylinder scales kilograms(kg) or kilos(k)

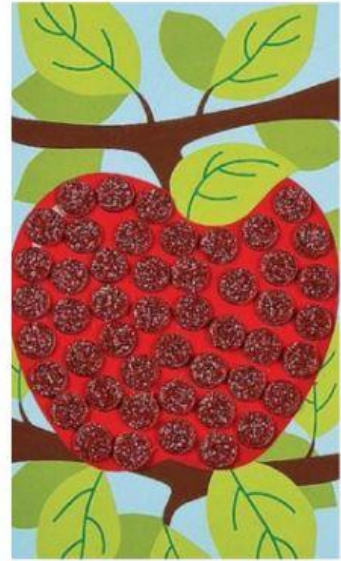
Litres(l) or millilitres(ml) cubic metres(m³) or cubic centimeters (cm³)

1. We use _____ to measure mass.
2. Mass is measured in _____.
3. We use a _____ to measure volume.
4. The volume of liquids is measured in _____.
5. The volume of solids is measured in _____.

Identify the 3 states of matter.







Fill in the chart with **yes** or **no**.

	FIXED SHAPE	FIXED VOLUME
SOLID		
LIQUID		
GAS		

Complete the sentences with the correct word.

mass

volume

density

mass

_____ is the property that indicates how much _____ is concentrated in an object. It is the relationship between the _____ of an object and its _____.

Match the pictures to their function.

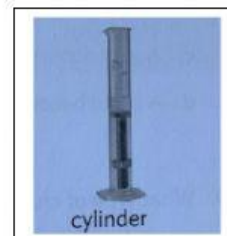
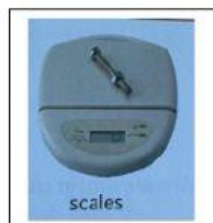
Measure mass

Measure volume

Calculate density

$\text{mass} \div \text{volume} =$

density



Calculate the density of the objects and answer the questions.

OBJECT A

Mass = 80 g Volume = 40 cm³ density = _____

OBJECT B

Mass = 40 g Volume = 80 cm³ density = _____

1. Object _____ is denser.
2. Object A will _____ in water because it has a _____ density than water.
3. Object B will _____ in water because it has a _____ density than water.

Find and write 2 general properties and 5 specific properties.

S H M N U R G M K K D B I H Z
Q K H R C R K O C N A D E E K
V I X I O J V O L U M E H C U
B N M H O V E K T E B N W T C
D U A K L C C C Q T A S T E D
M L P A X G F H H V K I H U M
H A R D N E S S S O Z T D F N
T R A N S P A R E N C Y M P J
B O Z R Y X M M T E E N S D K
D N B M A S S A H C O L O U R

General properties

Specific properties

